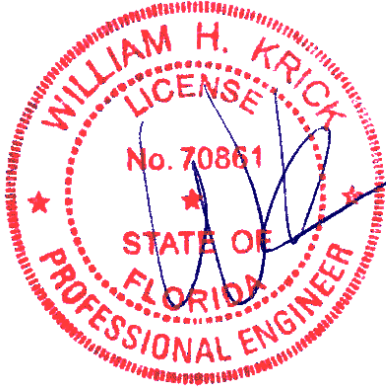




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05/18/2026



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

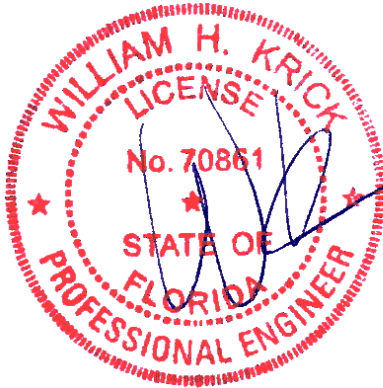
| Job Engineering Criteria:          |                       |                                |  |
|------------------------------------|-----------------------|--------------------------------|--|
| Design Code: FBC 8th Ed. 2023 Res. |                       | IntelliVIEW Version: 24.02.00B |  |
|                                    |                       | 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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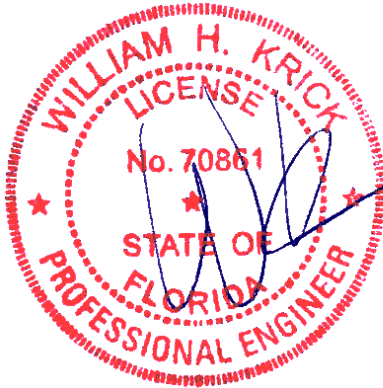
| Site Information:           | Page 2:           |
|-----------------------------|-------------------|
| Customer: Duley Truss, Inc. | Job Number: Z0540 |
| Job Description: DILLON RES |                   |
| Address:                    |                   |

| Item | Drawing Number    | Truss |
|------|-------------------|-------|
| 51   | 135.26.0857.52313 | T18   |
| 53   | 135.26.0858.01530 | T20   |
| 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       |       |

| Item | Drawing Number    | Truss |
|------|-------------------|-------|
| 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   |
| 64   | 135.26.0858.46953 | T31   |
| 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   |
| 80   | 135.26.0859.36287 | T48   |
| 82   | 135.26.0859.42903 | T50   |
| 84   | 135.26.0859.48423 | T52   |
| 86   | 135.26.0900.07640 | V1    |
| 88   | 135.26.0900.36393 | V3    |
| 90   | 135.26.0904.40570 | V5    |
| 92   | 135.26.0904.47507 | V7    |
| 94   | PB160220723       |       |
| 96   | DEFLCAMB1014      |       |
| 98   | VAL180220723      |       |
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| Address:                    |                   |

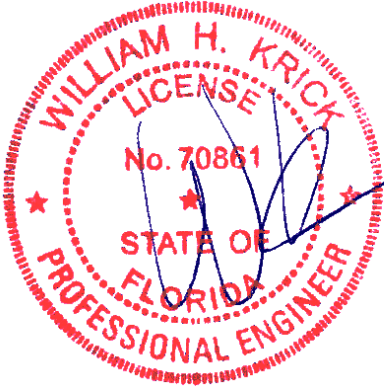
| Job Engineering Criteria:                           |                                                        |
|-----------------------------------------------------|--------------------------------------------------------|
| Design Code: FBC 8th Ed. 2023 Res.                  | IntelliVIEW Version: 24.02.00B<br>JRef #: 1YK523270002 |
| Wind Standard: ASCE 7-22      Wind Speed (mph): 140 | Design Loading (psf): 37                               |
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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](http://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.

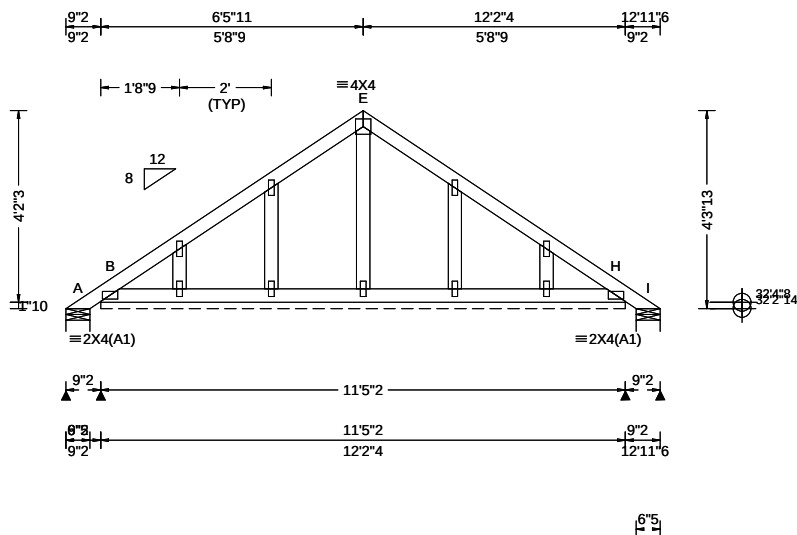
Refer to ASCE-7 for Wind and Seismic abbreviations.

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](http://www.awc.org).
2. ICC: International Code Council; [www.iccsafe.org](http://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](http://www.alpineitw.com).
4. TPI: Truss Plate Institute, 2670 Crain Highway, Suite 203, Waldorf, MD 20601; [www.tpinst.org](http://www.tpinst.org).
5. SBCA: Wood Truss Council of America, 6300 Enterprise Lane, Madison, WI 53719; [www.sbcacomponents.com](http://www.sbcacomponents.com)

|                                 |                  |                                                      |                                                                                        |
|---------------------------------|------------------|------------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087913 GABL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: CAP1 | Cust: R 2327 JRef: 1YK523270002 T28<br>DrwNo: 135.26.0855.21170<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|------------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 28.70 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 6.50 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.000 C 999 240<br>VERT(CL): 0.000 C 999 180<br>HORZ(LL): 0.000 B - -<br>HORZ(TL): 0.000 B - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.034<br>Max BC CSI: 0.014<br>Max Web CSI: 0.729<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>A 14 /- /- /8 /- /-<br>B* 64 /- /- /36 /- /-<br>I 14 /- /- /8 /- /-<br>Wind reactions based on MWFRS<br>A Brg Wid = 6.3 Min Req = 1.5 (Truss)<br>B Brg Wid = 137 Min Req = -<br>I Brg Wid = 6.3 Min Req = 1.5 (Truss)<br>Bearings A, B, & I are a rigid surface.<br>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.

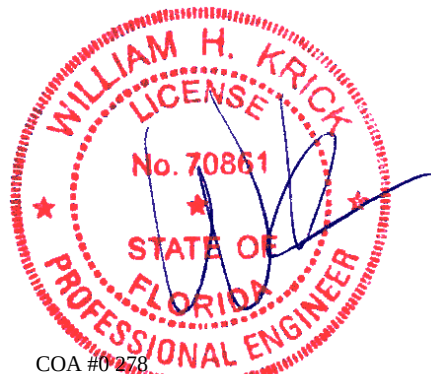
#### Wind

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.



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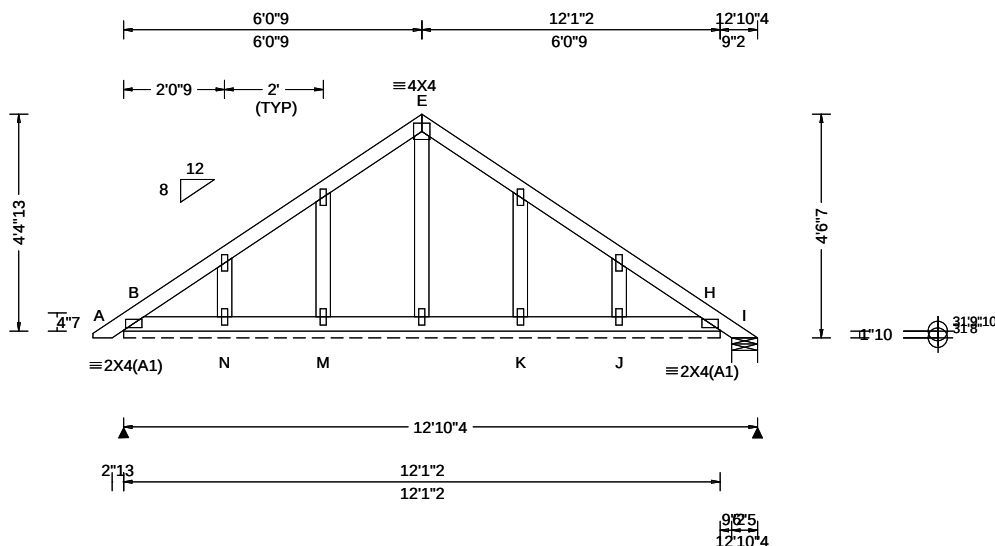
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|                                 |                  |                                                      |                                                                                        |
|---------------------------------|------------------|------------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087915 GABL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: CAP3 | Cust: R 2327 JRef: 1YK523270002 T33<br>DrwNo: 135.26.0855.28300<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|------------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                                | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 28.90 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.000 D 999 240<br>VERT(CL): 0.001 D 999 180<br>HORZ(LL): -0.000 F - -<br>HORZ(TL): 0.002 D - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.043<br>Max BC CSI: 0.019<br>Max Web CSI: 0.971<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh<br>Non-Gravity<br>/ Rw / U / RL<br>B* 65 /- /- /41 /27 /12<br>I 9 /- /- /10 /2 /-<br>N /-130<br>M /-141<br>K /-141<br>J /-110<br>Wind reactions based on MWFRS<br>B Brg Wid = 145 Min Req = -<br>I Brg Wid = 6.3 Min Req = 1.5 (Truss)<br>Bearings B & I are a rigid surface.<br>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.

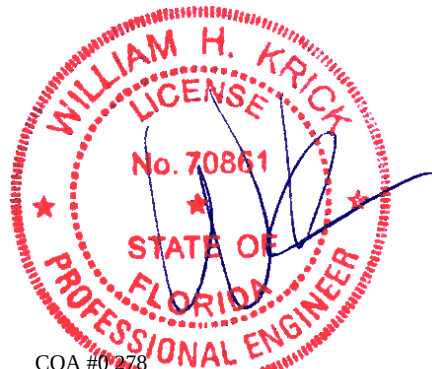
#### Wind

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.



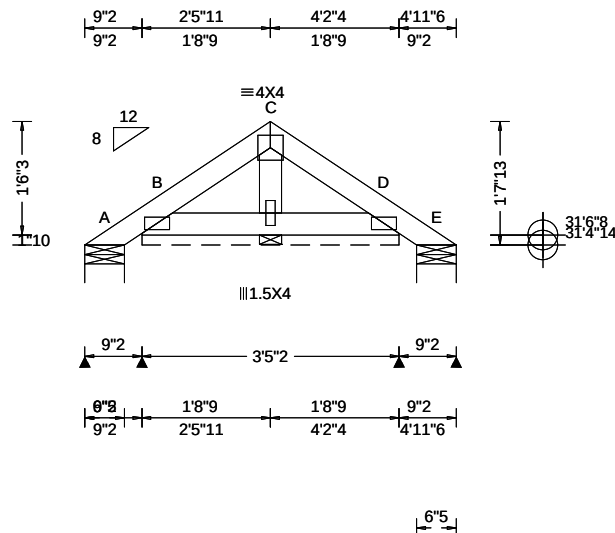
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|                                  |                  |                                                      |                                                                                       |
|----------------------------------|------------------|------------------------------------------------------|---------------------------------------------------------------------------------------|
| SEQN: 000000087916 GABL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: CAP4 | Cust: R 2327 JRef: 1YK523270002 T8<br>DrwNo: 135.26.0855.31653<br>JB / WHK 05/15/2026 |
|----------------------------------|------------------|------------------------------------------------------|---------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                         | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                           | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 26.77 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.000 - - 240<br>VERT(CL): 0.000 - - 180<br>HORZ(LL): 0.000 - - -<br>HORZ(TL): 0.000 - - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.017<br>Max BC CSI: 0.013<br>Max Web CSI: 0.008<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>A 13 /- /- /7 /- /-<br>B* 91 /- /- /40 /- /-<br>E 13 /- /- /7 /- /-<br>Wind reactions based on MWFRS<br>A Brg Wid = 6.3 Min Req = 1.5 (Truss)<br>B Brg Wid = 41.1 Min Req = -<br>E Brg Wid = 6.3 Min Req = 1.5 (Truss)<br>Bearings A, B, & E are a rigid surface.<br>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.



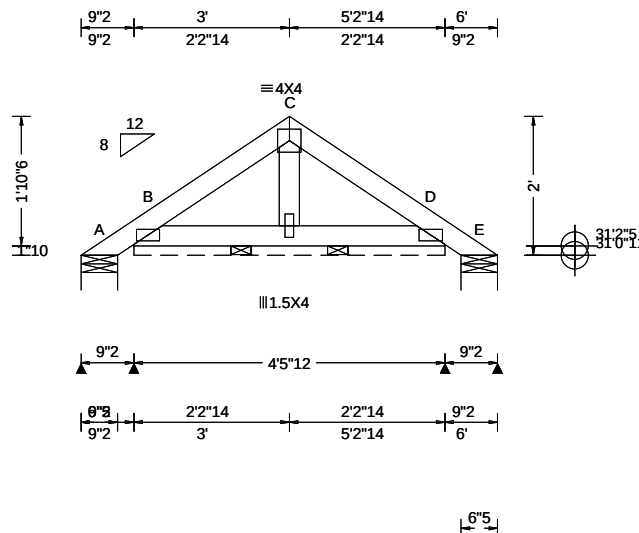
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|                                 |                  |                                                      |                                                                                        |
|---------------------------------|------------------|------------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087917 COMN<br>FROM: | Ply: 1<br>Qty: 3 | Job Number: Z0540<br>DILLON RES<br>Truss Label: CAP5 | Cust: R 2327 JRef: 1YK523270002 T65<br>DrwNo: 135.26.0855.36170<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|------------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 26.95 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 4.50 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.000 - - 240<br>VERT(CL): 0.000 - - 180<br>HORZ(LL): 0.000 - - -<br>HORZ(TL): 0.000 - - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.038<br>Max BC CSI: 0.024<br>Max Web CSI: 0.010<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>A 3 /- /- /45 /39 /63<br>B* 93 /- /- /53 /49 /-<br>E 3 /- /- /10 /3 /-<br>Wind reactions based on MWFRS<br>A Brg Wid = 6.3 Min Req = 1.5 (Truss)<br>B Brg Wid = 53.8 Min Req = -<br>E Brg Wid = 6.3 Min Req = 1.5 (Truss)<br>Bearings A, B, & E are a rigid surface.<br>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.



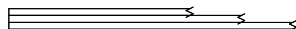
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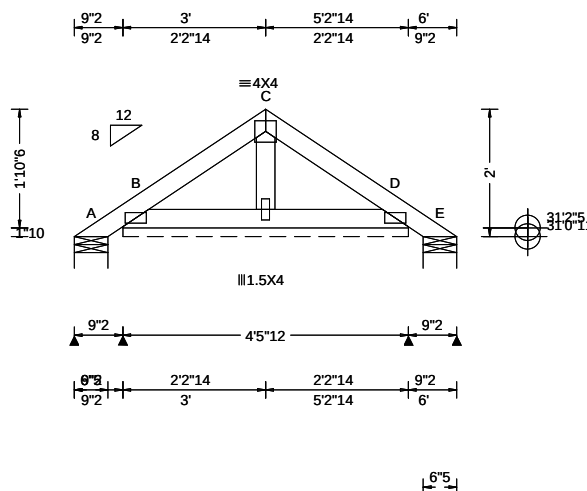
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|---------------------------------|------------------|------------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087918 COMN<br>FROM: | Ply: 3<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: CAP6 | Cust: R 2327 JRef: 1YK523270002 T10<br>DrwNo: 135.26.0855.40627<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|------------------------------------------------------|----------------------------------------------------------------------------------------|



**3 Complete Trusses Required**



| 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): 0.000 - - 240         | Loc                                           | R+                                  | / R- | / Rh        | / Rw | / U | / RL |
| BCLL: 0.00             | Enclosure: Enclosed               | Lu: NA Cs: NA                | VERT(CL): 0.000 - - 180         | A                                             | 1                                   | /0   | /-          | /3   | /-  | /-   |
| BCDL: 10.00            | Risk Category: II                 | Snow Duration: NA            | HORZ(LL): 0.000 - - -           | B*                                            | 82                                  | /-   | /-          | /-   | /54 | /-   |
|                        | EXP: C Kzt: NA                    |                              | HORZ(TL): 0.000 - - -           | E                                             | 1                                   | /0   | /-          | /3   | /-  | /-   |
| Des Ld: 37.00          | Mean Height: 0.00 ft              | Building Code:               | Creep Factor: 2.0               | Wind reactions based on MWFRS                 |                                     |      |             |      |     |      |
| NCBCLL: 0.00           | TCDL: 4.2 psf                     | FBC 8th Ed. 2023 Res.        | Max TC CSI: 0.010               | A                                             | Brg Wid = 6.3 Min Req = 1.5 (Truss) |      |             |      |     |      |
| Soffit: 2.00           | BCDL: 5.0 psf                     | TPI Std: 2014                | Max BC CSI: 0.006               | B                                             | Brg Wid = 53.8 Min Req = -          |      |             |      |     |      |
| Load Duration: 1.25    | MWFRS Parallel Dist: 0 to h/2     | Rep Fac: Yes                 | Max Web CSI: 0.004              | E                                             | Brg Wid = 6.3 Min Req = 1.5 (Truss) |      |             |      |     |      |
| Spacing: 24.0 "        | C&C Dist a: 3.00 ft               | FT/RT:20(0)/10(0)            |                                 | Bearings A, B, & E are a rigid surface.       |                                     |      |             |      |     |      |
|                        | Loc. from endwall: not in 9.00 ft | Plate Type(s):               |                                 | Members not listed have forces less than 375# |                                     |      |             |      |     |      |
|                        | GCpi: 0.18                        | WAVE                         | VIEW Ver: 24.02.00B.1106.21     |                                               |                                     |      |             |      |     |      |
|                        | Wind Duration: 1.60               |                              |                                 |                                               |                                     |      |             |      |     |      |

#### 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

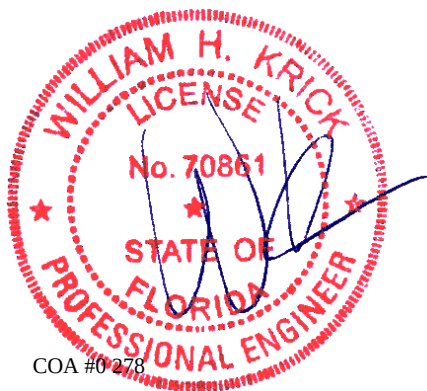
All plates are 2X4(A1) except as noted.

#### 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

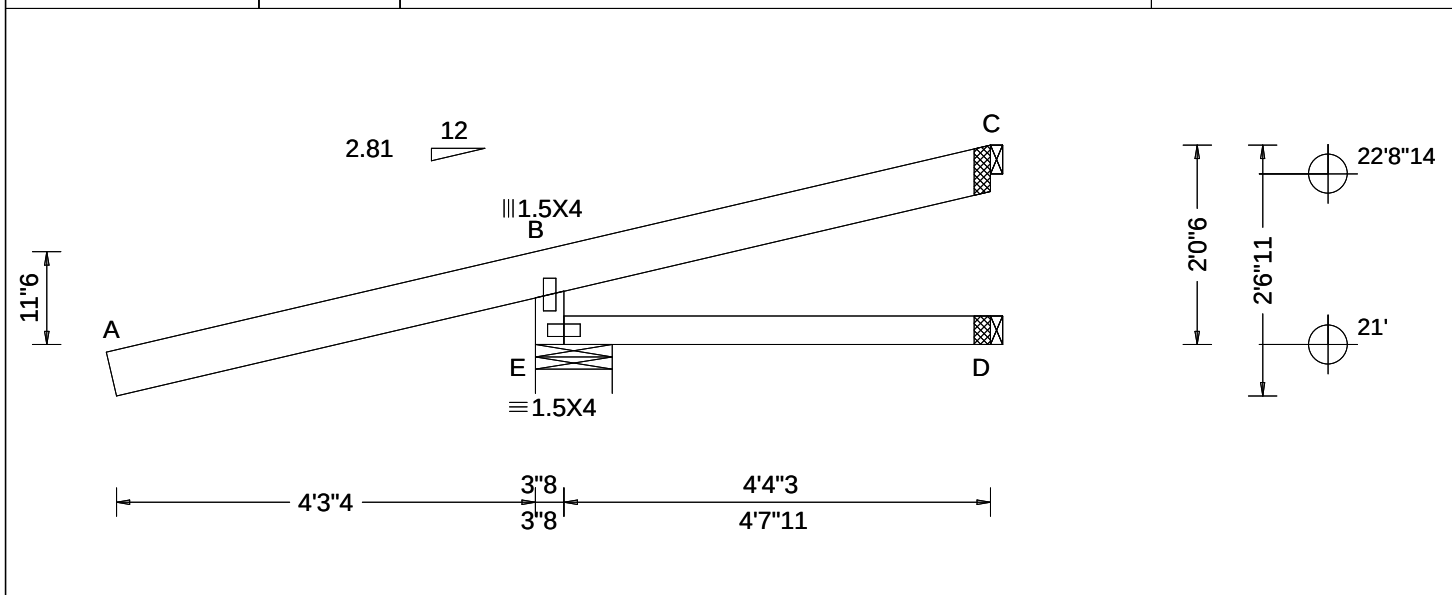
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North Building, 4th Floor  
Glenview, IL 60025

|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087919 HIP_<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: CJ1 | Cust: R 2327 JRef: 1YK523270002 T32<br>DrwNo: 135.26.0855.44050<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                         | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                              | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 21.98 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.000 B 999 240<br>VERT(CL): 0.000 B 999 180<br>HORZ(LL): 0.000 B - -<br>HORZ(TL): 0.000 B - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.174<br>Max BC CSI: 0.184<br>Max Web CSI: 0.047<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>E 236 /- /- /- /143 /-<br>D 92 /- /- /5 /- /9<br>C - /-41 /- /48 /- /21<br>Wind reactions based on MWFRS<br>E Brg Wid = 9.4 Min Req = 1.5 (Support)<br>D Brg Wid = 1.5 Min Req = -<br>C Brg Wid = 1.5 Min Req = -<br>Bearing E is a rigid surface.<br>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)

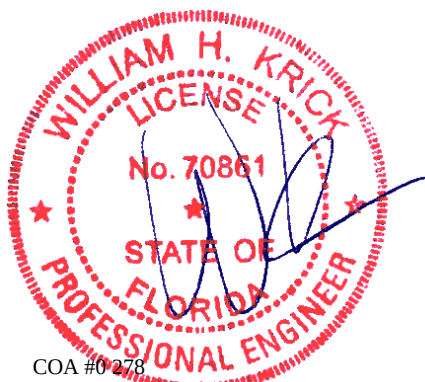
TC: From 0 plf at -4.67 to 54 plf at -0.40  
TC: From 2 plf at -0.40 to 2 plf at 4.35  
BC: From 0 plf at -4.67 to 4 plf at -0.40  
BC: From 2 plf at -0.40 to 2 plf at -0.29  
BC: From 2 plf at 0.00 to 2 plf at 4.35  
TC: 59 lb Conc. Load at -0.19  
TC: -9 lb Conc. Load at 2.28  
BC: 18 lb Conc. Load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



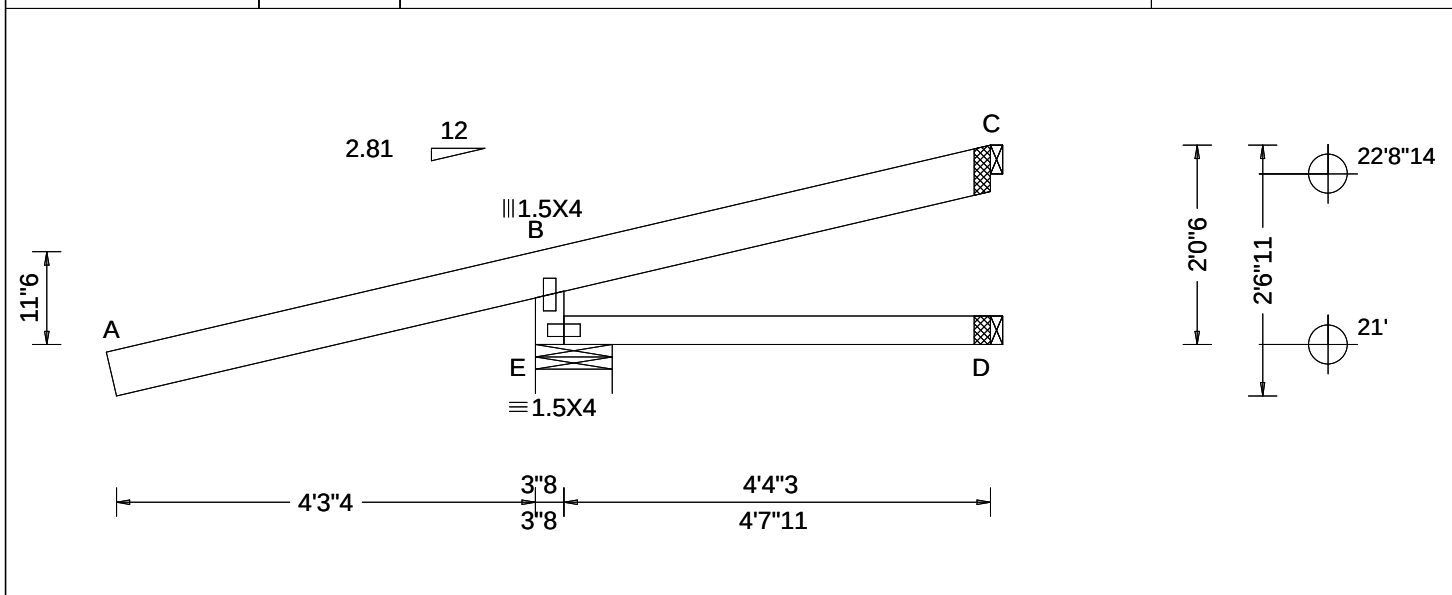
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|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087920 HIP_<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: CJ2 | Cust: R 2327 JRef: 1YK523270002 T35<br>DrwNo: 135.26.0854.58317<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                         | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                                          | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 21.98 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.000 B 999 240<br>VERT(CL): 0.000 B 999 180<br>HORZ(LL): 0.000 B - -<br>HORZ(TL): 0.000 B - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.174<br>Max BC CSI: 0.184<br>Max Web CSI: 0.046<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>E 261 /- /- /- /161 /-<br>D 92 /- /- /5 /- /9<br>C - /-41 /- /48 /- /21<br>Wind reactions based on MWFRS<br>E Brg Wid = 9.4 Min Req = 1.5 (Support)<br>D Brg Wid = 1.5 Min Req = -<br>C Brg Wid = 1.5 Min Req = -<br>Bearing E is a rigid surface.<br>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)

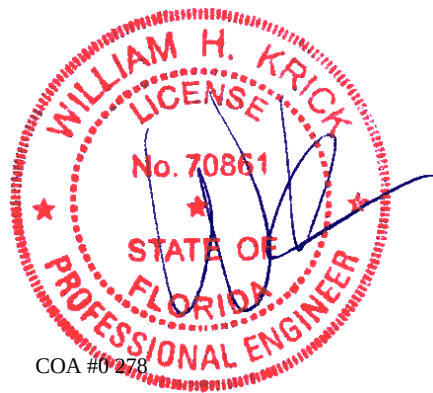
TC: From 0 plf at -4.67 to 54 plf at -0.40  
TC: From 2 plf at -0.40 to 2 plf at 4.35  
BC: From 0 plf at -4.67 to 4 plf at -0.40  
BC: From 2 plf at -0.40 to 2 plf at -0.29  
BC: From 2 plf at 0.00 to 2 plf at 4.35  
TC: 84 lb Conc. Load at -0.19  
TC: -9 lb Conc. Load at 2.28  
BC: 18 lb Conc. Load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



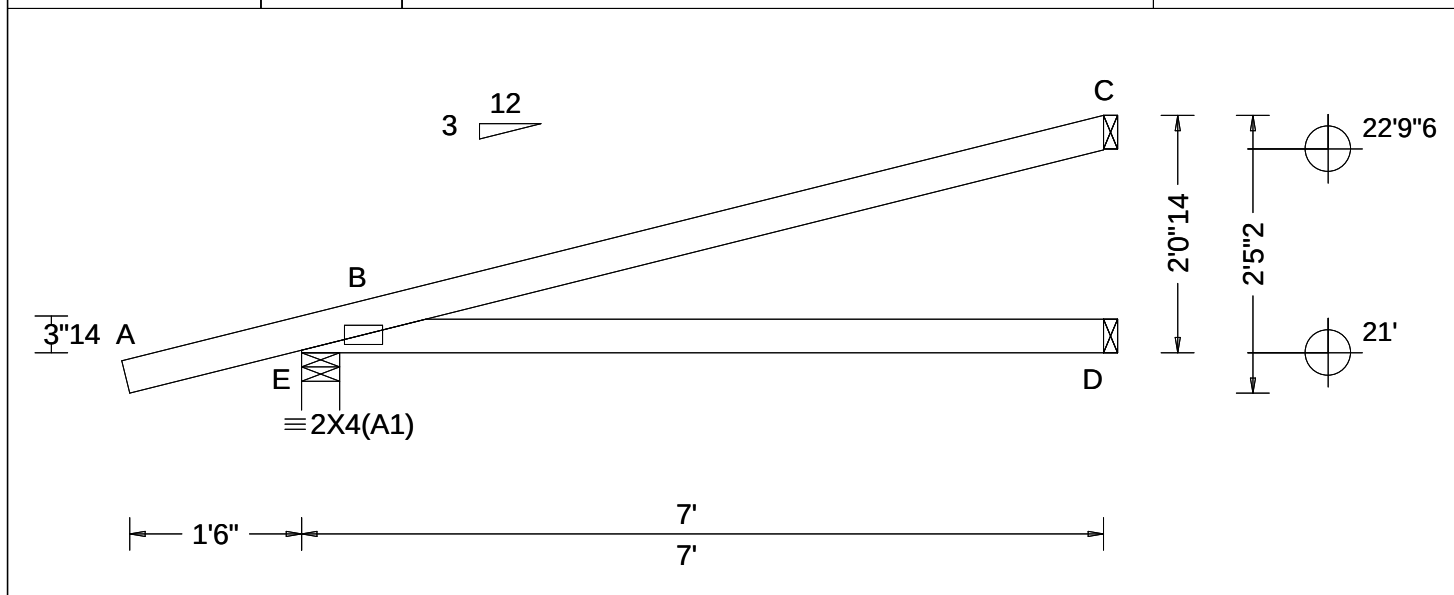
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087921 EJAC<br>FROM: | Ply: 1<br>Qty: 6 | Job Number: Z0540<br>DILLON RES<br>Truss Label: EJ7 | Cust: R 2327 JRef: 1YK523270002 T31<br>DrwNo: 135.26.0855.04110<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                        | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                         | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 22.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): NA<br>VERT(CL): NA<br>HORZ(LL): 0.013 B - -<br>HORZ(TL): 0.026 B - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.781<br>Max BC CSI: 0.394<br>Max Web CSI: 0.000<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>E 368 /- /- /140 /185 /108<br>D 122 /- /- /69 /- /-<br>C 162 /- /- /59 /126 /-<br>Wind reactions based on MWFRS<br>E Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>D Brg Wid = 1.5 Min Req = -<br>C Brg Wid = 1.5 Min Req = -<br>Bearing E is a rigid surface.<br>Members not listed have forces less than 375# |

#### Lumber

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

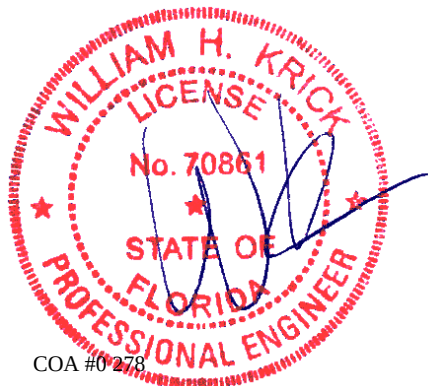
#### Wind

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.



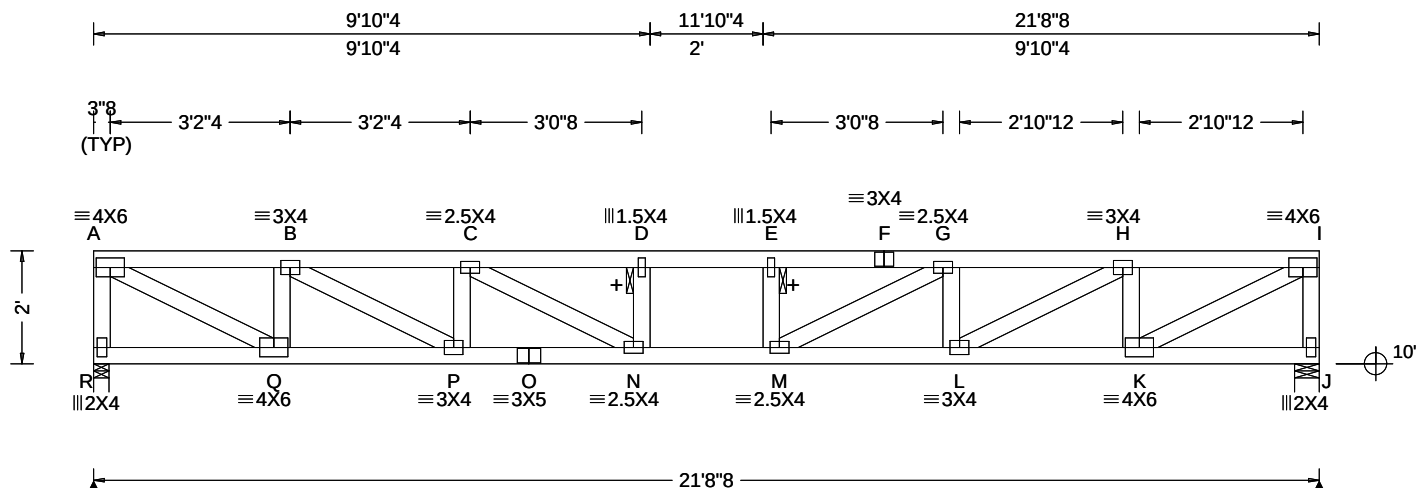
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|                                 |                   |                                                    |                                                                                        |
|---------------------------------|-------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087922 SY42<br>FROM: | Ply: 1<br>Qty: 21 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F1 | Cust: R 2327 JRef: 1YK523270002 T55<br>DrwNo: 135.26.0855.46283<br>JB / WHK 05/15/2026 |
|---------------------------------|-------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>C&C Dist a: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 12(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.181 D 999 360<br>VERT(CL): 0.249 D 999 240<br>HORZ(LL): 0.038 A - -<br>HORZ(TL): 0.052 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.247<br>Max BC CSI: 0.491<br>Max Web CSI: 0.684<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>R 796 /- /- /- /- /-<br>J 796 /- /- /- /- /-<br>R Brg Wid = 3.2 Min Req = 1.5 (Truss)<br>J Brg Wid = 5.3 Min Req = 1.5 (Truss)<br>Bearings R & J are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>A - B 0 - 1273 E - F 0 - 2483<br>B - C 0 - 2094 F - G 0 - 2483<br>C - D 0 - 2483 G - H 0 - 2094<br>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.

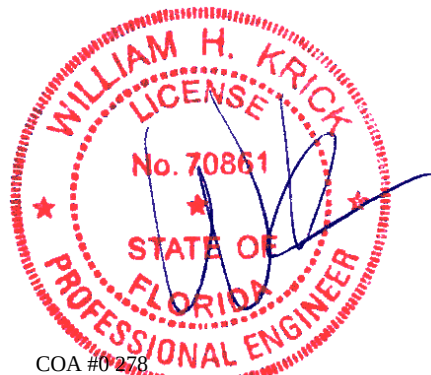
Truss must be installed as shown with top chord up.

#### 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 |



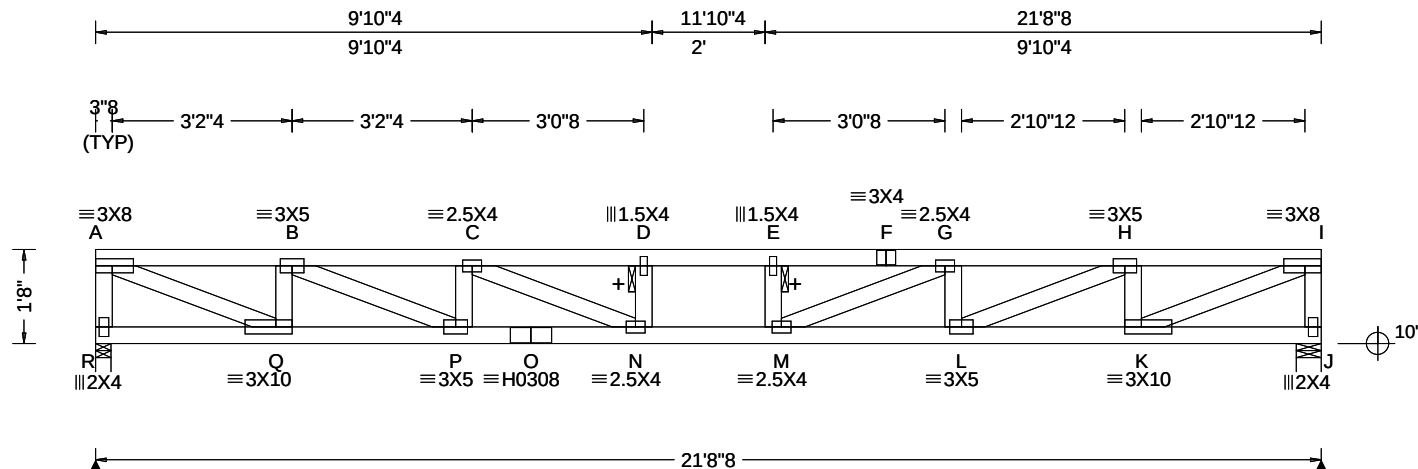
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|                                 |                   |                                                    |                                                                                        |
|---------------------------------|-------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087923 SY42<br>FROM: | Ply: 1<br>Qty: 10 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F4 | Cust: R 2327 JRef: 1YK523270002 T63<br>DrwNo: 135.26.0856.46333<br>JB / WHK 05/15/2026 |
|---------------------------------|-------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                    | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>C&C Dist a: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 12(0)/10(0)<br>Plate Type(s):<br>WAVE, HS | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.270 D 966 360<br>VERT(CL): 0.371 D 702 240<br>HORZ(LL): 0.046 A - -<br>HORZ(TL): 0.064 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.289<br>Max BC CSI: 0.622<br>Max Web CSI: 0.808<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>R 796 /- /- /- /- /-<br>J 796 /- /- /- /- /-<br>R Brg Wid = 3.2 Min Req = 1.5 (Truss)<br>J Brg Wid = 5.3 Min Req = 1.5 (Truss)<br>Bearings R & J are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>A - B 0 - 1570 E - F 0 - 3067<br>B - C 0 - 2587 F - G 0 - 3067<br>C - D 0 - 3067 G - H 0 - 2588<br>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.

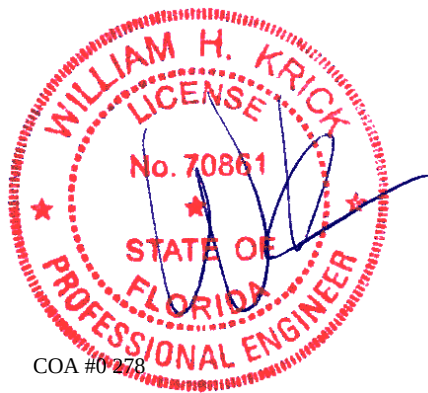
Truss must be installed as shown with top chord up.

#### 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 |



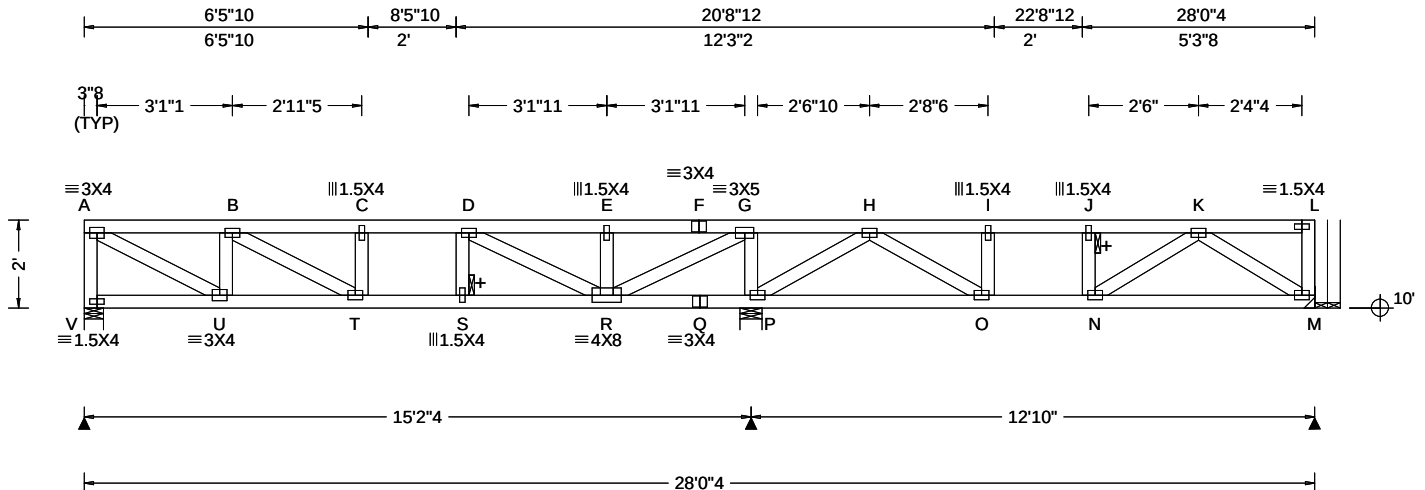
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| Loading Criteria (psf) | Wind Criteria           | Snow Criteria (Pg,Pf in PSF) |        |         | Defl/CSI Criteria |                   |        |         | ▲ Maximum Reactions (lbs)                     |               |      |                         |             |     |      |
|------------------------|-------------------------|------------------------------|--------|---------|-------------------|-------------------|--------|---------|-----------------------------------------------|---------------|------|-------------------------|-------------|-----|------|
| TCLL: 40.00            | Wind Std: NA            | Pg: NA                       | Ct: NA | CAT: NA | PP Deflection in  | loc               | L/defl | L/#     | Gravity                                       |               |      | Non-Gravity             |             |     |      |
| TCDL: 10.00            | Speed: NA mph           | Pf: NA                       |        | Ce: NA  | VERT(LL):         | 0.050             | C      | 999 360 | Loc                                           | R+            | / R- | / Rh                    | / Rw        | / U | / RL |
| BCLL: 0.00             | Enclosure: NA           | Lu: NA                       | Cs: NA |         | VERT(CL):         | 0.068             | C      | 999 240 | V                                             | 508           | /-   | /-                      | /-          | /-  | /-   |
| BCDL: 5.00             | Category: NA            | Snow Duration: NA            |        |         | HORZ(LL):         | 0.013             | A      | - -     | P                                             | 1190          | /-   | /-                      | /-          | /-  | /-   |
| Des Ld: 55.00          | EXP: NA Kzt: NA         |                              |        |         | HORZ(TL):         | 0.018             | A      | - -     | M                                             | 418           | /-   | /-                      | /-          | /-  | /-   |
| NCBCLL: 10.00          | Mean Height: NA ft      | Building Code:               |        |         | Creep Factor:     | 2.0               |        |         | V                                             | Brg Wid = 5.2 |      | Min Req = 1.5 (Support) |             |     |      |
| Soffit: 2.00           | TCDL: NA psf            | FBC 8th Ed. 2023 Res.        |        |         | Max TC CSI:       | 0.249             |        |         | P                                             | Brg Wid = 6.0 |      | Min Req = 1.5 (Truss)   |             |     |      |
| Load Duration: 1.00    | BCDL: NA psf            | TPI Std: 2014                |        |         | Max BC CSI:       | 0.263             |        |         | M                                             | Brg Wid = -   |      | Min Req = -             |             |     |      |
| Spacing: 16.0 "        | MWFRS Parallel Dist: NA | Rep Fac: Yes                 |        |         | Max Web CSI:      | 0.477             |        |         | Bearings V & P are a rigid surface.           |               |      |                         |             |     |      |
|                        | C&C Dist a: NA          | FT/RT:12(0)/10(0)            |        |         |                   |                   |        |         | Members not listed have forces less than 375# |               |      |                         |             |     |      |
|                        | Loc. from endwall: NA   | Plate Type(s):               |        |         |                   |                   |        |         | Maximum Top Chord Forces Per Ply (lbs)        |               |      |                         |             |     |      |
|                        | I: NA GCpi: NA          | WAVE                         |        |         |                   |                   |        |         | Chords                                        | Tens.Comp.    |      | Chords                  | Tens. Comp. |     |      |
|                        | Wind Duration: NA       |                              |        |         | VIEW Ver:         | 24.02.00B.1106.21 |        |         |                                               |               |      |                         |             |     |      |

## 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.

## Hangars / 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.

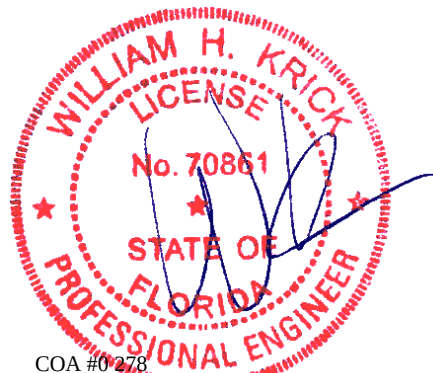
|       |    |       |       |     |      |
|-------|----|-------|-------|-----|------|
| A - B | 0  | -730  | F - G | 34  | -518 |
| B - C | 0  | -992  | G - H | 654 | 0    |
| C - D | 0  | -1003 | H - I | 14  | -656 |
| D - E | 34 | -518  | I - J | 6   | -673 |
| E - F | 34 | -518  | J - K | 2   | -664 |

**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)

| Webbs | Tens.Comp. | Webbs | 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     |       |       |       |



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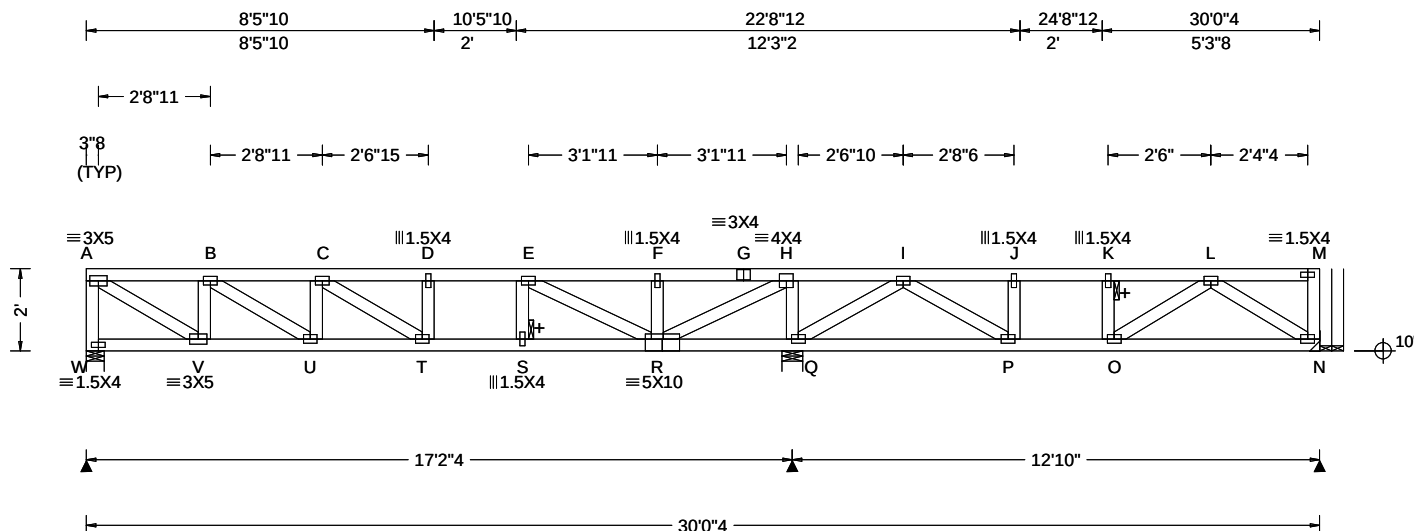
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Glenview, IL 60025

|                                 |                  |                                                    |                                                                                        |
|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087926 SY42<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F8 | Cust: R 2327 JRef: 1YK523270002 T66<br>DrwNo: 135.26.0856.54637<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>C&C Dist a: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 12(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.086 D 999 360<br>VERT(CL): 0.117 D 999 240<br>HORZ(LL): 0.020 A - -<br>HORZ(TL): 0.028 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.274<br>Max BC CSI: 0.412<br>Max Web CSI: 0.543<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>W 578 -/- /- /- /- /-<br>Q 1277 -/- /- /- /- /-<br>N 414 -/- /- /- /- /-<br>W Brg Wid = 5.2 Min Req = 1.5 (Support)<br>Q Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>N Brg Wid = - Min Req = -<br>Bearings W & Q are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>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.

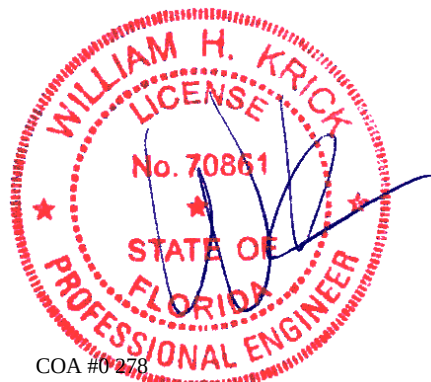
Truss must be installed as shown with top chord up.

#### Maximum Bot Chord Forces Per Ply (lbs)

| Chords | Tens.Comp. | Chords | Tens. Comp. |
|--------|------------|--------|-------------|
| V - U  | 844        | 0      | 0 - 612     |
| U - T  | 1255       | 0      | 661 - 53    |
| T - S  | 1254       | 0      | 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     |



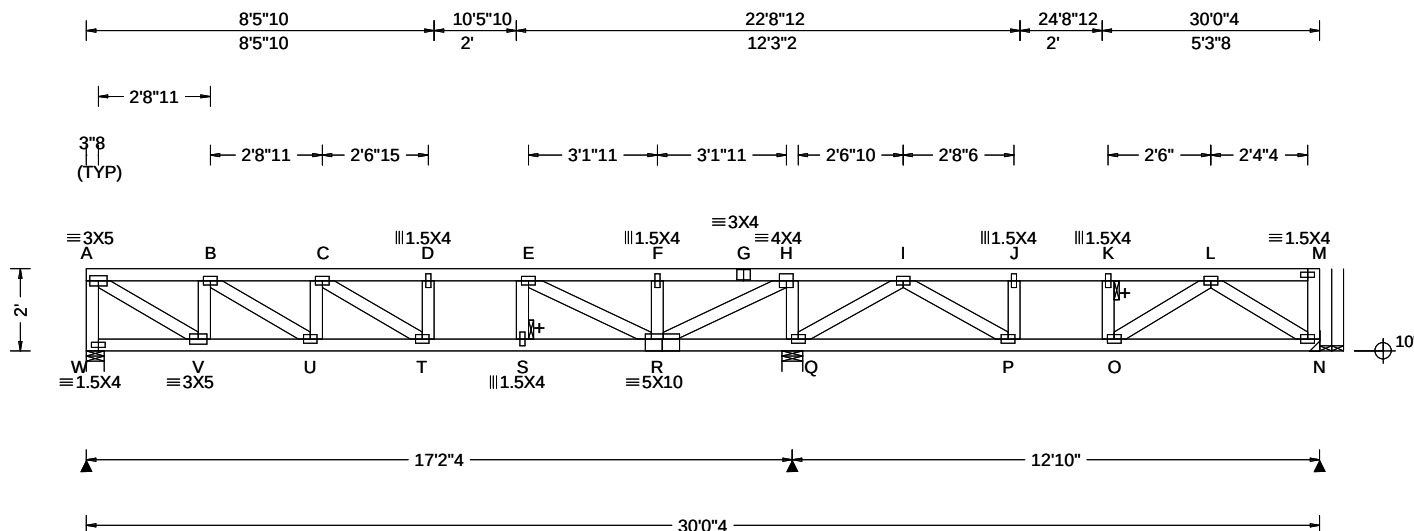
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|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087927 SY42<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F9 | Cust: R 2327 JRef: 1YK523270002 T62<br>DrwNo: 135.26.0856.58240<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>C&C Dist a: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 12(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.086 D 999 360<br>VERT(CL): 0.117 D 999 240<br>HORZ(LL): 0.020 A - -<br>HORZ(TL): 0.028 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.274<br>Max BC CSI: 0.412<br>Max Web CSI: 0.543<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>W 578 /- /- /- /- /-<br>Q 1277 /- /- /- /- /-<br>N 414 /- /- /- /- /-<br>W Brg Wid = 5.2 Min Req = 1.5 (Support)<br>Q Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>N Brg Wid = - Min Req = -<br>Bearings W & Q are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>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.

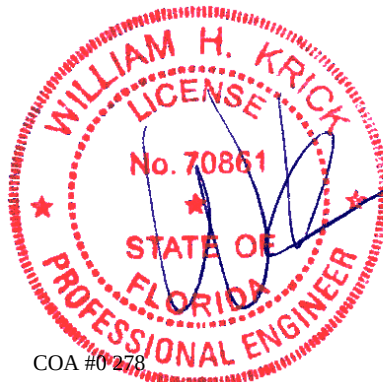
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#### Maximum Bot Chord Forces Per Ply (lbs)

| Chords | Tens.Comp. | Chords | Tens. Comp. |
|--------|------------|--------|-------------|
| V - U  | 844        | 0      | - 612       |
| U - T  | 1255       | 0      | - 53        |
| T - S  | 1254       | 0      | 501         |
| S - R  | 1245       | 0      | 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 |



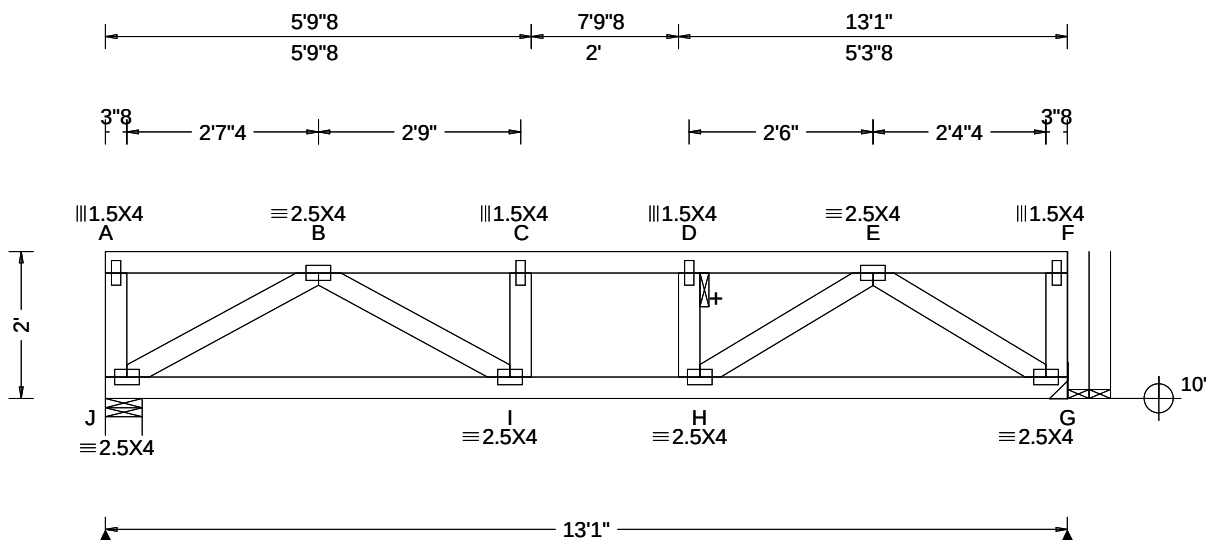
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|                                  |                  |                                                     |                                                                                        |
|----------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 000000087928 SY42<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F10 | Cust: R 2327 JRef: 1YK523270002 T78<br>DrwNo: 135.26.0855.51080<br>JB / WHK 05/15/2026 |
|----------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>C&C Dist a: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 12(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.032 C 999 360<br>VERT(CL): 0.048 C 999 240<br>HORZ(LL): 0.009 G - -<br>HORZ(TL): 0.014 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.169<br>Max BC CSI: 0.192<br>Max Web CSI: 0.218<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>J 480 -/- /- /- /- /-<br>G 480 -/- /- /- /- /-<br>J Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>G Brg Wid = - Min Req = -<br>Bearing J is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 0 -890 D - E 0 -887<br>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.

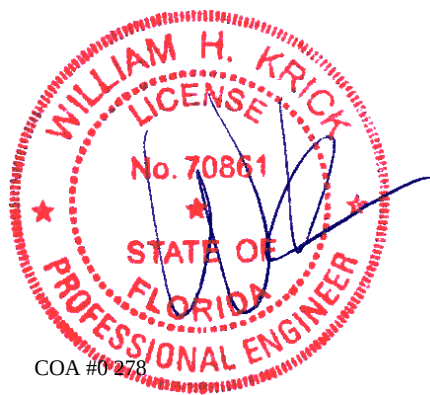
Truss must be installed as shown with top chord up.

#### 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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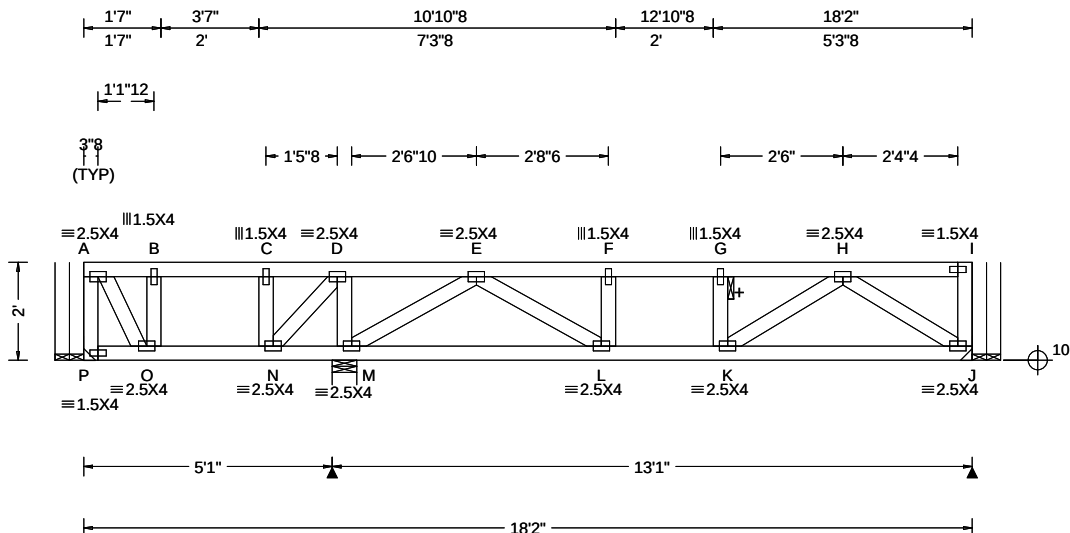
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Glenview, IL 60025

|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087929 SY42<br>FROM: | Ply: 1<br>Qty: 6 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F11 | Cust: R 2327 JRef: 1YK523270002 T71<br>DrwNo: 135.26.0855.53530<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>C&C Dist a: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 12(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.026 G 999 360<br>VERT(CL): 0.039 G 999 240<br>HORZ(LL): 0.007 J - -<br>HORZ(TL): 0.010 J - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.152<br>Max BC CSI: 0.167<br>Max Web CSI: 0.207<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>P 177 -/- /- /- /- /-<br>M 752 -/- /- /- /- /-<br>J 444 -/- /- /- /- /-<br>P Brg Wid = - Min Req = -<br>M Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>J Brg Wid = - Min Req = -<br>Bearing M is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>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      |       |             |



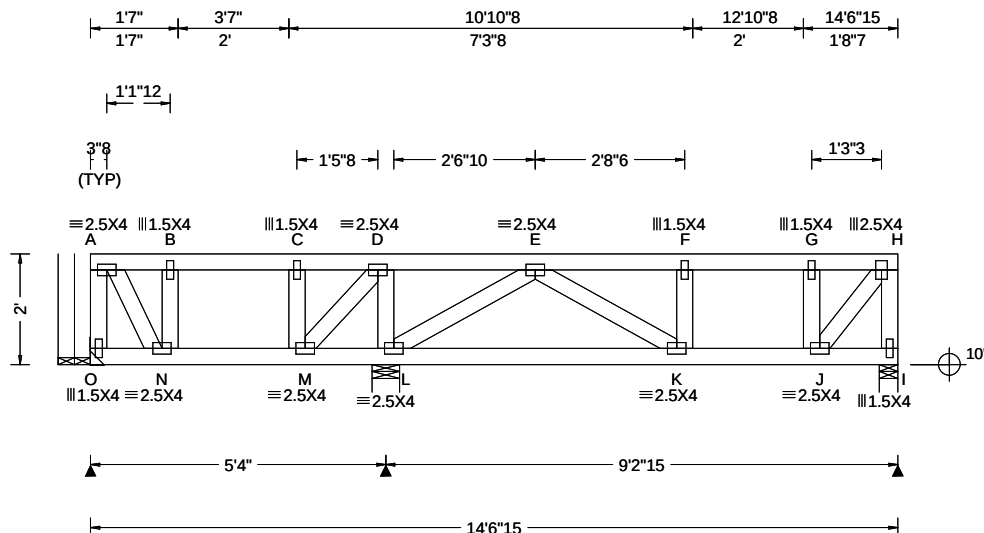
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087930 SY42<br>FROM: | Ply: 1<br>Qty: 3 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F12 | Cust: R 2327 JRef: 1YK523270002 T83<br>DrwNo: 135.26.0856.00213<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



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

#### Lumber

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

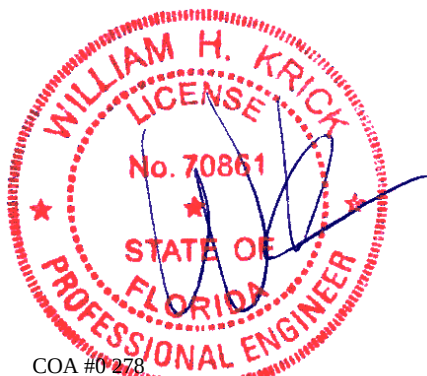
#### Hangers / Ties

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

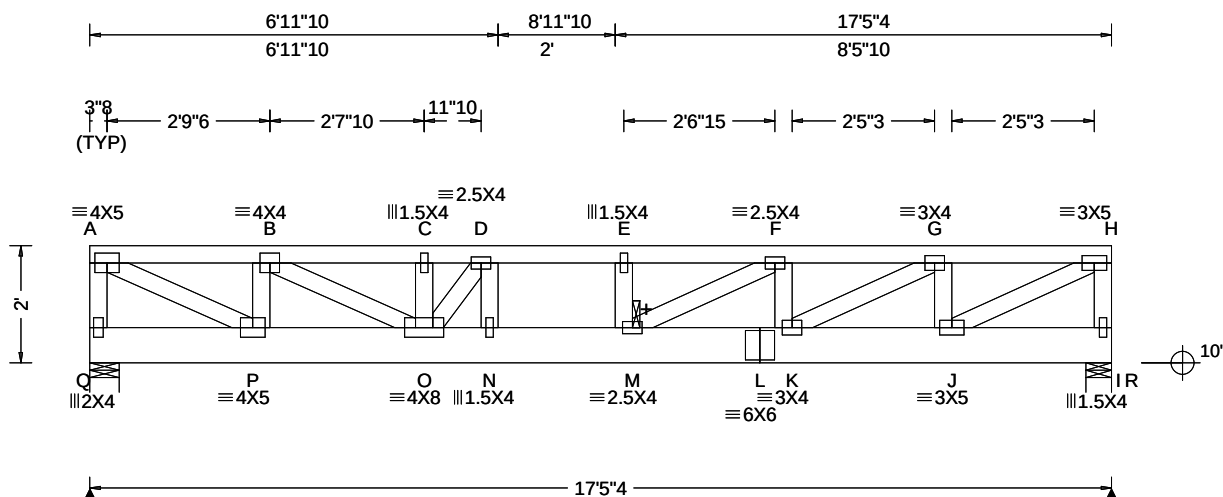
05/18/2026 Florida Certificate of Product Approval #FI 1999

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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087931 SY42<br>FROM: | Ply: 2<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F13 | Cust: R 2327 JRef: 1YK523270002 T64<br>DrwNo: 135.26.0856.02667<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|

2 Complete Trusses Required



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>C&C Dist a: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 12(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.095 N 999 360<br>VERT(CL): 0.131 N 999 240<br>HORZ(LL): 0.021 A - -<br>HORZ(TL): 0.029 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.150<br>Max BC CSI: 0.231<br>Max Web CSI: 0.673<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Q 1562 -/- /- /- /- /-<br>R 1088 -/- /- /- /- /-<br>Q Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>R Brg Wid = 5.2 Min Req = 1.5 (Truss)<br>Bearings Q & R are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>A - B 0 -1239 E - F 0 -2096<br>B - C 0 -2225 F - G 0 -1483<br>C - D 0 -2225 G - H 0 -813<br>D - E 0 -2107 |

#### Lumber

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

#### Nailnote

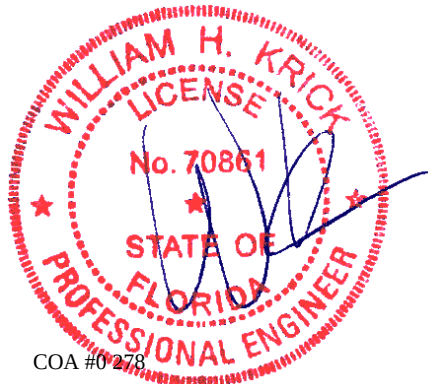
Nail Schedule: 0.128"x3", min. nails  
Top Chord: 1 Row @12.00" o.c.  
Bot Chord: 1 Row @12.00" o.c.  
Webs : 1 Row @ 4" o.c.  
Use equal spacing between rows and stagger nails in each row to avoid splitting.

#### 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.



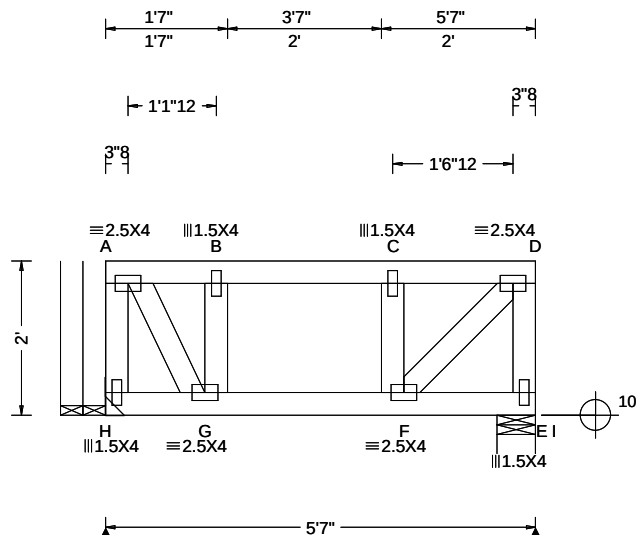
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|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087932 SY42<br>FROM: | Ply: 1<br>Qty: 3 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F14 | Cust: R 2327 JRef: 1YK523270002 T94<br>DrwNo: 135.26.0856.04893<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                    | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>C&C Dist a: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 12(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.005 C 999 360<br>VERT(CL): 0.006 C 999 240<br>HORZ(LL): -0.003 D - -<br>HORZ(TL): 0.004 D - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.064<br>Max BC CSI: 0.059<br>Max Web CSI: 0.107<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>H 205 /- /- /- /- /-<br>I 205 /- /- /- /- /-<br>H Brg Wid = - Min Req = -<br>I Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Bearing I is a rigid surface.<br>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.



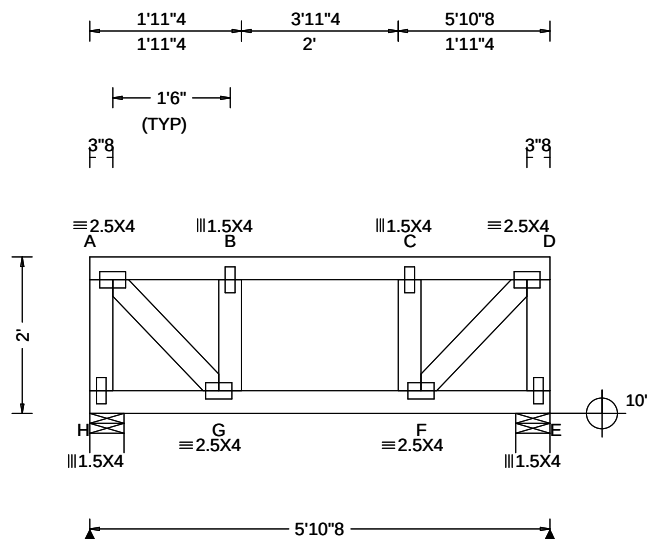
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087933 SY42<br>FROM: | Ply: 1<br>Qty: 6 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F15 | Cust: R 2327 JRef: 1YK523270002 T70<br>DrwNo: 135.26.0856.10613<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



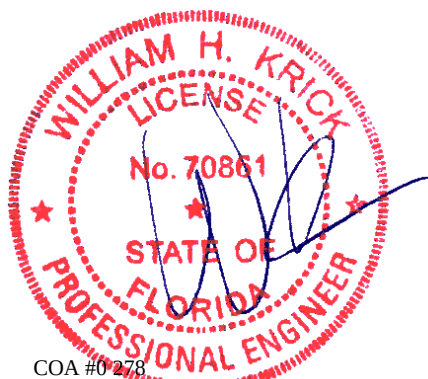
| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>C&C Dist a: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 12(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.003 B 999 360<br>VERT(CL): 0.005 B 999 240<br>HORZ(LL): 0.002 A - -<br>HORZ(TL): 0.003 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.052<br>Max BC CSI: 0.048<br>Max Web CSI: 0.106<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>H 215 /- /- /- /- /-<br>E 215 /- /- /- /- /-<br>H Brg Wid = 5.2 Min Req = 1.5 (Truss)<br>E Brg Wid = 5.2 Min Req = 1.5 (Truss)<br>Bearings H & E are a rigid surface.<br>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.



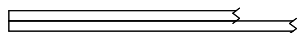
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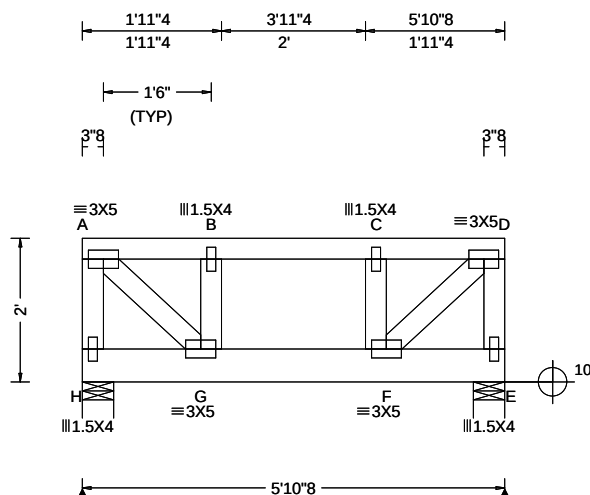
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|                                  |                  |                                                     |                                                                                        |
|----------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 000000087934 SY42<br>FROM: | Ply: 2<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F16 | Cust: R 2327 JRef: 1YK523270002 T58<br>DrwNo: 135.26.0856.13670<br>JB / WHK 05/15/2026 |
|----------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



2 Complete Trusses Required



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                              | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>C&C Dist a: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 12(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.011 B 999 360<br>VERT(CL): 0.011 B 999 240<br>HORZ(LL): 0.004 A - -<br>HORZ(TL): 0.004 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.057<br>Max BC CSI: 0.269<br>Max Web CSI: 0.420<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>H 1711 /- /- /- /- /-<br>E 1330 /- /- /- /- /-<br>H Brg Wid = 5.2 Min Req = 1.5 (Truss)<br>E Brg Wid = 5.2 Min Req = 1.5 (Truss)<br>Bearings H & E are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>A - B 0 -631 C - D 0 -629<br>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.



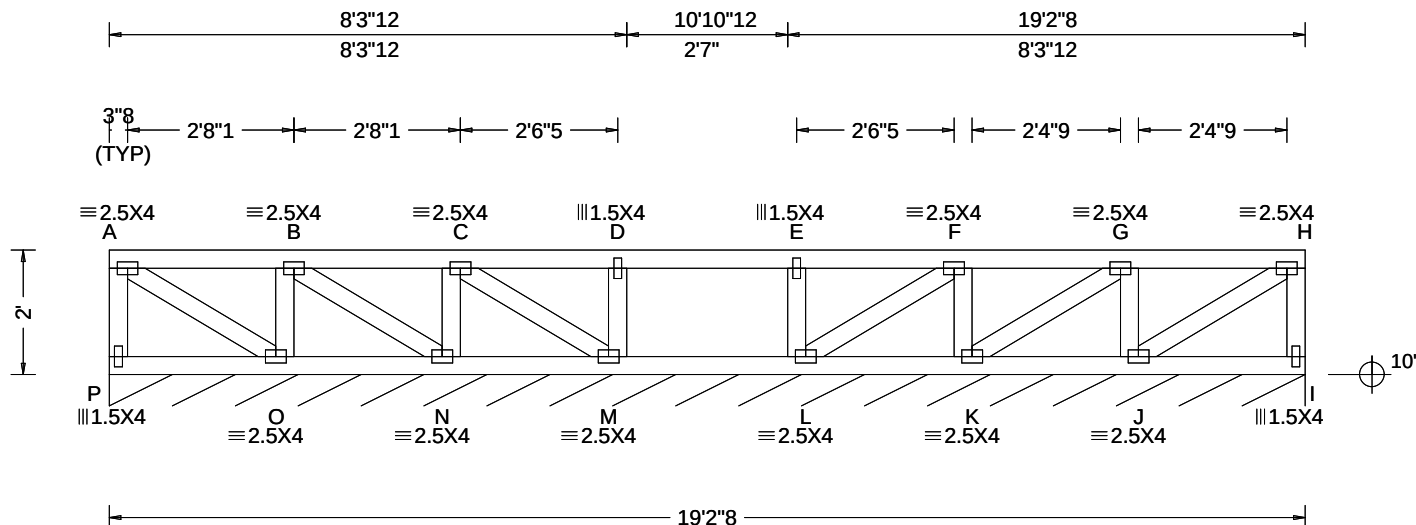
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087935 SY42<br>FROM: | Ply: 1<br>Qty: 2 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F17 | Cust: R 2327 JRef: 1YK523270002 T87<br>DrwNo: 135.26.0856.15733<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                               | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>C&C Dist a: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:12(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/def L/#<br>VERT(LL): 0.000 B 999 360<br>VERT(CL): 0.001 B 999 240<br>HORZ(LL): -0.000 A - -<br>HORZ(TL): 0.000 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.100<br>Max BC CSI: 0.021<br>Max Web CSI: 0.044<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>I* 73 /- /- /- /- /-<br>I Brg Wid = 230 Min Req = -<br>Bearing P is a rigid surface.<br>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.



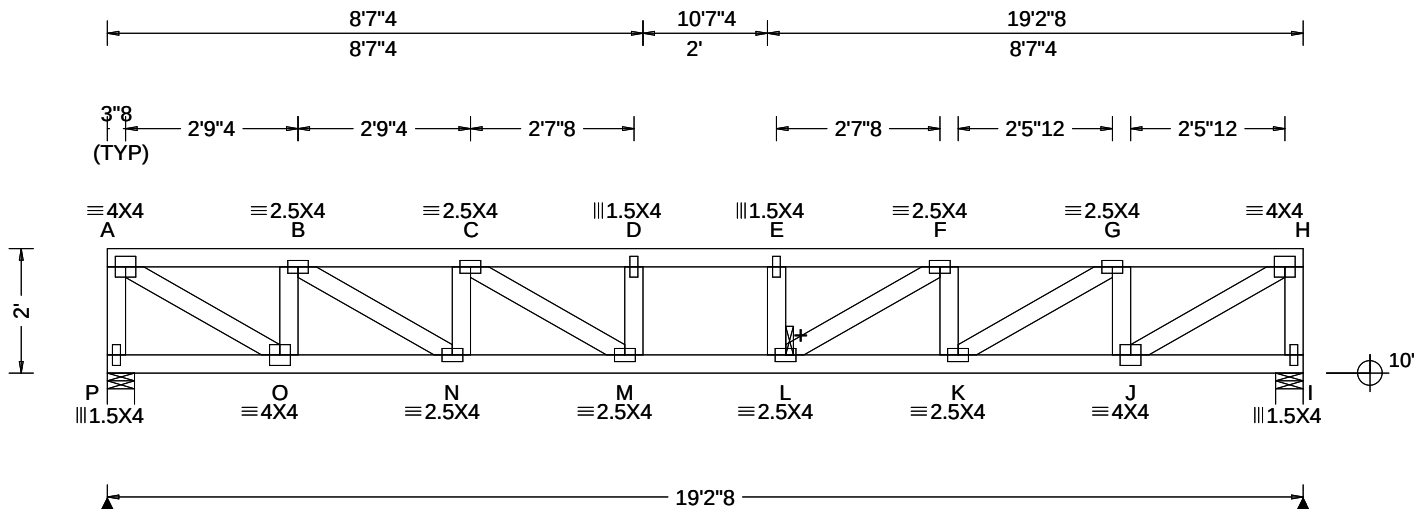
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|---------------------------------|-------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087936 SY42<br>FROM: | Ply: 1<br>Qty: 15 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F18 | Cust: R 2327 JRef: 1YK523270002 T73<br>DrwNo: 135.26.0856.18337<br>JB / WHK 05/15/2026 |
|---------------------------------|-------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



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



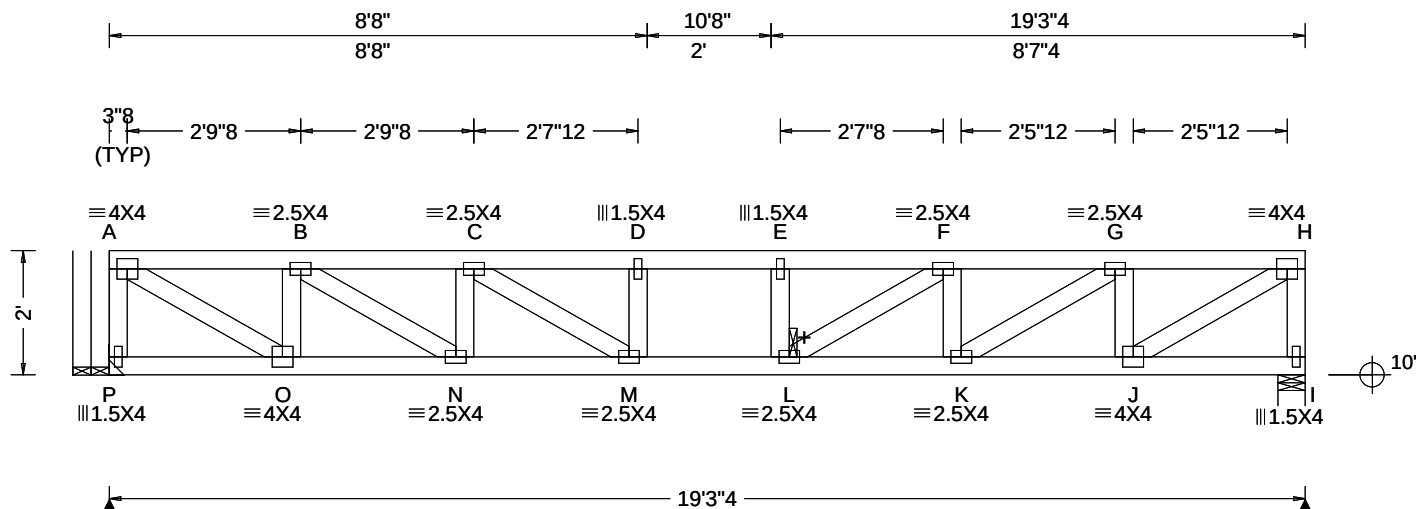
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|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087937 SY42<br>FROM: | Ply: 1<br>Qty: 4 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F19 | Cust: R 2327 JRef: 1YK523270002 T79<br>DrwNo: 135.26.0856.23787<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



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



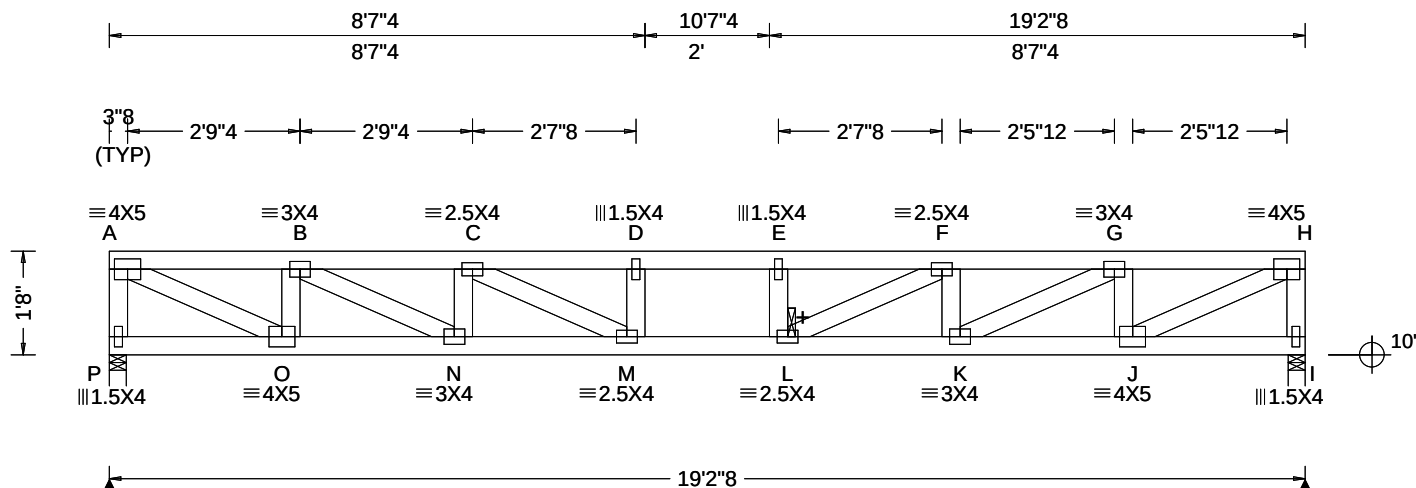
COA #0278

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North Building, 4th Floor  
Glenview, IL 60025

|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087938 SY42<br>FROM: | Ply: 1<br>Qty: 4 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F20 | Cust: R 2327 JRef: 1YK523270002 T59<br>DrwNo: 135.26.0856.26013<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



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



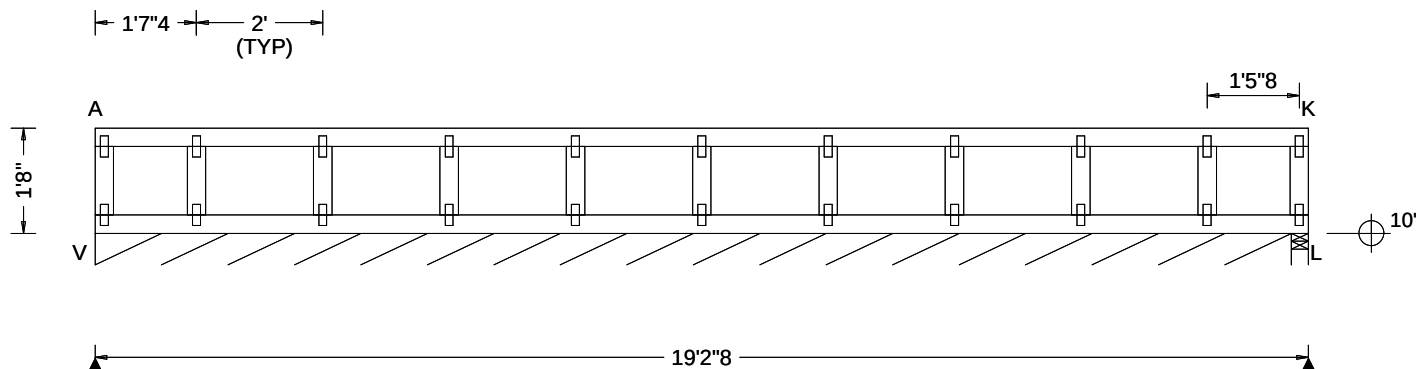
COA #0 278

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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087939 SY42<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F21 | Cust: R 2327 JRef: 1YK523270002 T60<br>DrwNo: 135.26.0856.32630<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>C&C Dist a: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.000 I 999 360<br>VERT(CL): 0.000 I 999 240<br>HORZ(LL): 0.000 A - -<br>HORZ(TL): 0.000 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.040<br>Max BC CSI: 0.010<br>Max Web CSI: 0.031<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>V* 72 /- /- /- /- /-<br>L 46 /- /- /- /- /-<br>V Brg Wid = 227 Min Req = -<br>L Brg Wid = 3.2 Min Req = 1.5 (Truss)<br>Bearings V & L are a rigid surface.<br>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

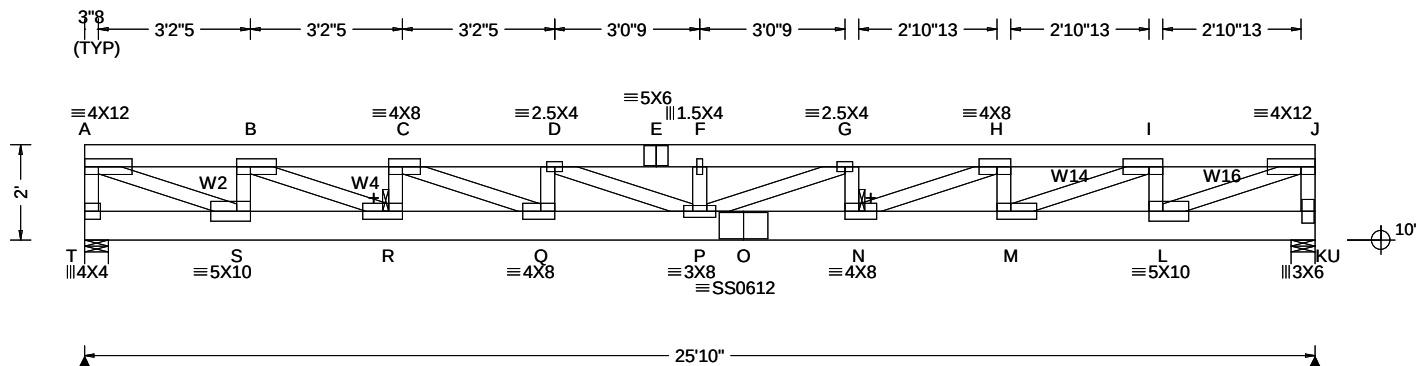
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087940 SY42<br>FROM: | Ply: 2<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F22 | Cust: R 2327 JRef: 1YK523270002 T37<br>DrwNo: 135.26.0856.38183<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|

2 Complete Trusses Required



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                      | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                                                    | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCDL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT:12(0)/10(0)<br>Plate Type(s):<br>WAVE, 18SS | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.624 F 496 360<br>VERT(CL): 0.858 F 361 240<br>HORZ(LL): 0.092 A - -<br>HORZ(TL): 0.127 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.885<br>Max BC CSI: 0.805<br>Max Web CSI: 0.878<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>T 4339 -/-/-/-/-/-<br>U 4401 -/-/-/-/-/-<br>T Brg Wid = 6.0 Min Req = 2.2 (Truss)<br>U Brg Wid = 6.0 Min Req = 2.2 (Truss)<br>Bearings T & U are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>A - B 0 - 4097 F - G 0 - 9588<br>B - C 0 - 7180 G - H 0 - 9108<br>C - D 0 - 9001 H - I 0 - 7310<br>D - E 0 - 9588 I - J 0 - 4183<br>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    |



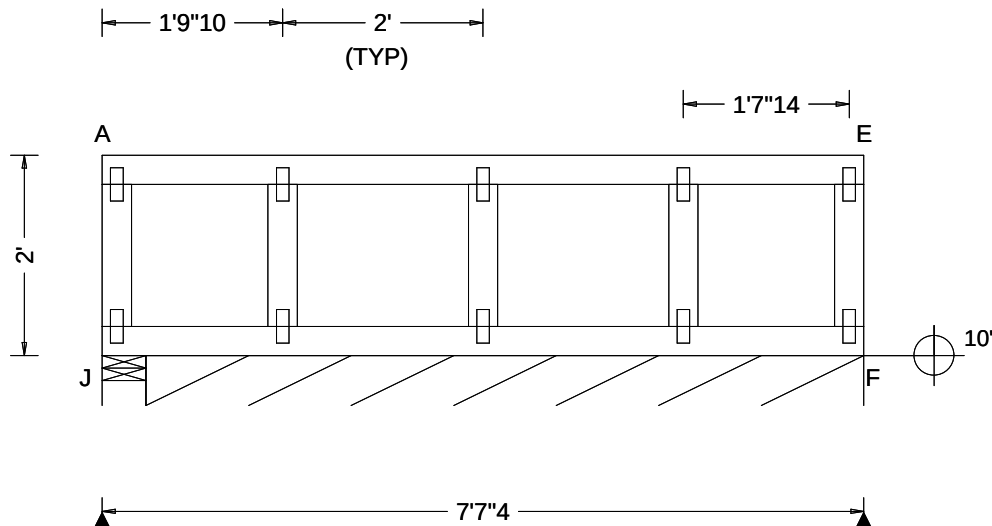
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087941 SY42<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F24 | Cust: R 2327 JRef: 1YK523270002 T68<br>DrwNo: 135.26.0856.40017<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>C&C Dist a: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.000 B 999 360<br>VERT(CL): 0.000 B 999 240<br>HORZ(LL): 0.000 A - -<br>HORZ(TL): 0.000 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.039<br>Max BC CSI: 0.010<br>Max Web CSI: 0.032<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>J 53 /- /- /- /- /-<br>F* 70 /- /- /- /- /-<br>J Brg Wid = 5.2 Min Req = 1.5 (Truss)<br>F Brg Wid = 86.0 Min Req = -<br>Bearings J & J are a rigid surface.<br>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.

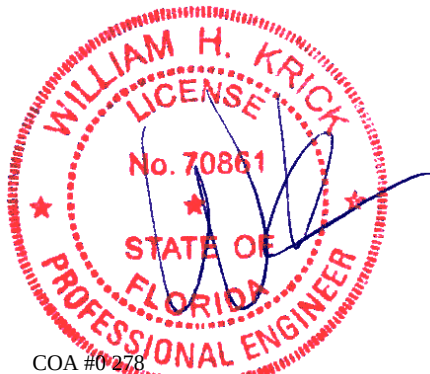
#### Bracing

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.



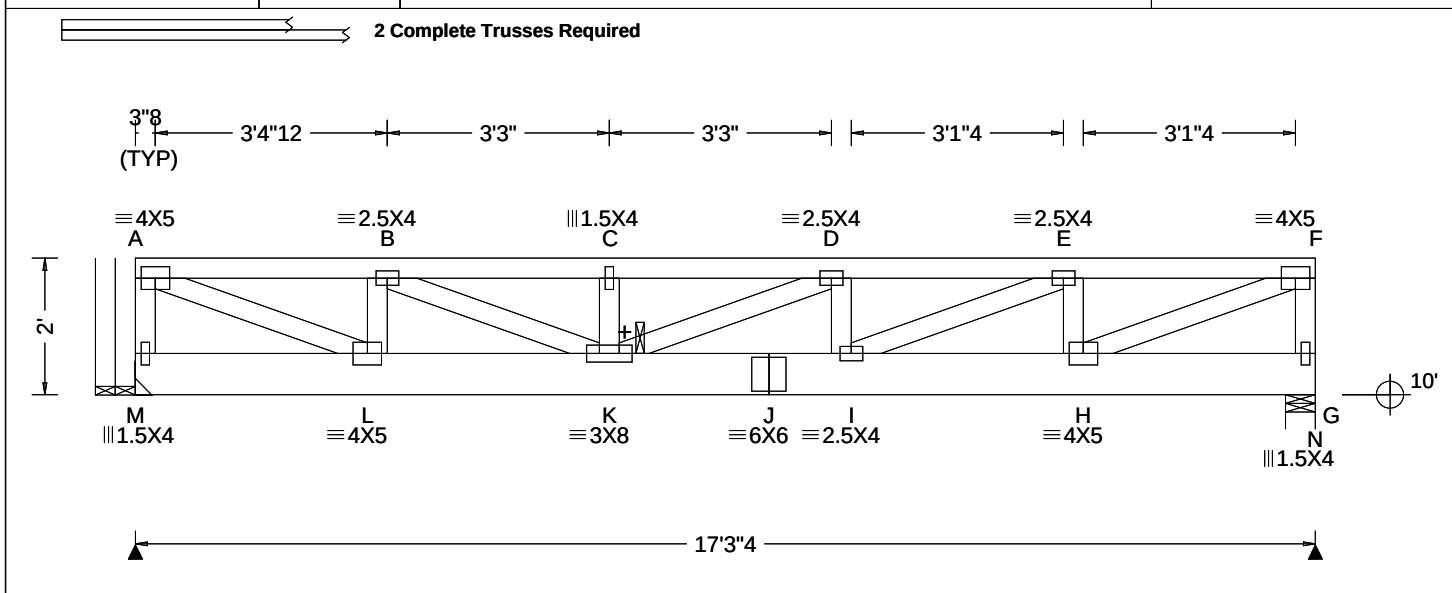
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087942 SY42<br>FROM: | Ply: 2<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: F25 | Cust: R 2327 JRef: 1YK523270002 T95<br>DrwNo: 135.26.0856.43657<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                      | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                          | Defl/CSI Criteria                                                                                                                                                                                                                                               | Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 5.00<br>Des Ld: 55.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 16.0 " | Wind Std: NA<br>Speed: NA mph<br>Enclosure: NA<br>Category: NA<br>EXP: NA Kzt: NA<br>Mean Height: NA ft<br>TCDL: NA psf<br>BCDL: NA psf<br>MWFRS Parallel Dist: NA<br>Loc. from endwall: NA<br>I: NA GCpi: NA<br>Wind Duration: NA | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 12(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.090 C 999 360<br>VERT(CL): 0.123 C 999 240<br>HORZ(LL): 0.018 A - -<br>HORZ(TL): 0.025 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.120<br>Max BC CSI: 0.200<br>Max Web CSI: 0.655<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>M 1372 - / - / - / - / -<br>N 1450 - / - / - / - / -<br>M Brg Wid = - Min Req = -<br>N Brg Wid = 5.2 Min Req = 1.5 (Truss)<br>Bearing N is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>A - B 0 - 1231 D - E 0 - 1894<br>B - C 0 - 1858 E - F 0 - 1258<br>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.

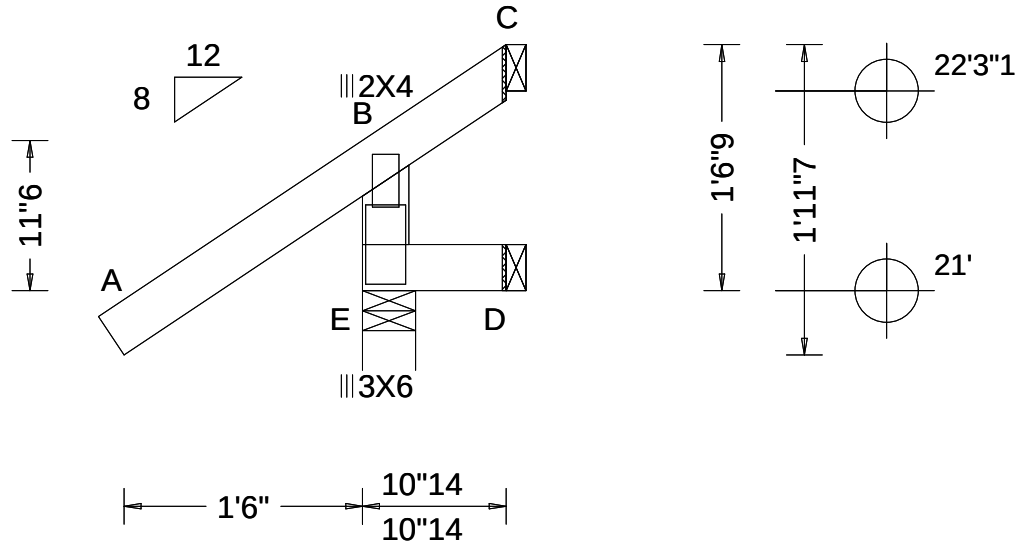


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North Building, 4th Floor  
Glenview, IL 60025



| Loading Criteria (psf) | Wind Criteria                     | Snow Criteria (Pg,Pf in PSF) | Defl/CSI Criteria               | ▲ Maximum Reactions (lbs)                     |
|------------------------|-----------------------------------|------------------------------|---------------------------------|-----------------------------------------------|
| 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): 0.000 B 999 240       | Loc R+ / R- / Rh / Rw / U / RL                |
| BCLL: 0.00             | Enclosure: Enclosed               | Lu: NA Cs: NA                | VERT(CL): -0.001 B 999 180      | E 217 /- /- /20 /208 /-                       |
| BCDL: 10.00            | Risk Category: II                 | Snow Duration: NA            | HORZ(LL): 0.000 B - -           | D 18 /- /- /9 /- /12                          |
| Des Ld: 37.00          | EXP: C Kzt: NA                    |                              | HORZ(TL): 0.001 B - -           | C - /-60 /- /123 /- /104                      |
| NCBCLL: 10.00          | Mean Height: 21.69 ft             | Building Code:               | Creep Factor: 2.0               | Wind reactions based on MWFRS                 |
| Soffit: 2.00           | TCDL: 4.2 psf                     | FBC 8th Ed. 2023 Res.        | Max TC CSI: 0.303               | E Brg Wid = 4.0 Min Req = 1.5 (Truss)         |
| Load Duration: 1.25    | BCDL: 5.0 psf                     | TPI Std: 2014                | Max BC CSI: 0.006               | D Brg Wid = 1.5 Min Req = -                   |
| Spacing: 24.0 "        | MWFRS Parallel Dist: 0 to h/2     | Rep Fac: Yes                 | Max Web CSI: 0.196              | C Brg Wid = 1.5 Min Req = -                   |
|                        | C&C Dist a: 3.00 ft               | FT/RT:20(0)/10(0)            |                                 | Bearing E is a rigid surface.                 |
|                        | Loc. from endwall: not in 4.50 ft | Plate Type(s):               |                                 | Members not listed have forces less than 375# |
|                        | GCpi: 0.18                        | WAVE                         | VIEW Ver: 24.02.00B.1106.21     | Maximum Web Forces Per Ply (lbs)              |
|                        | Wind Duration: 1.60               |                              |                                 | Webs Tens.Comp.                               |

## Lumber

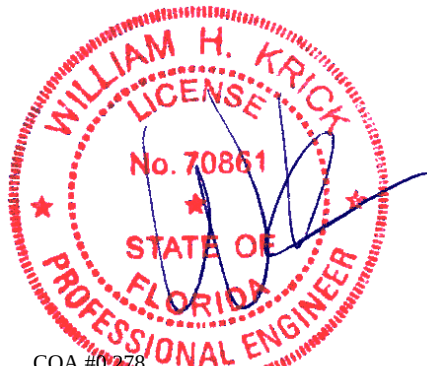
Top chord: 2x4 SP #1;  
Bot chord: 2x4 SP #1;  
Webs: 2x4 SP #3;

## Wind

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



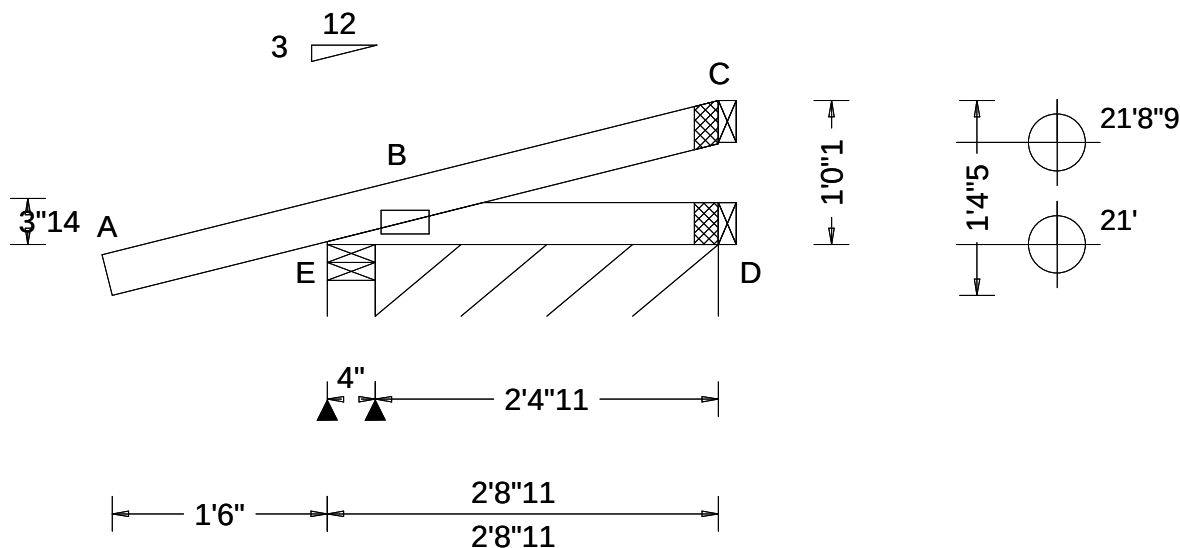
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087944 JACK<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: SJ3 | Cust: R 2327 JRef: 1YK523270002 T30<br>DrwNo: 135.26.0857.06690<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                      | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 21.47 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): NA<br>VERT(CL): NA<br>HORZ(LL): -0.000 C - -<br>HORZ(TL): 0.001 B - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.236<br>Max BC CSI: 0.029<br>Max Web CSI: 0.000<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>E 216 - / - /48 /172 /55<br>D* 23 - / - /31 - / -<br>D 19 - / - /8 /0 -<br>C 40 - / - /16 /34 -<br>Wind reactions based on MWFRS<br>E Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>D Brg Wid = 28.7 Min Req = -<br>D Brg Wid = 1.5 Min Req = -<br>C Brg Wid = 1.5 Min Req = -<br>Bearings E & B are a rigid surface.<br>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.

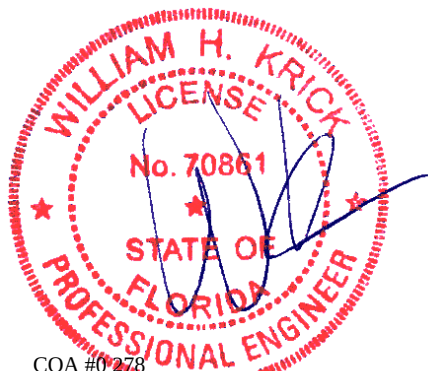
#### Wind

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.



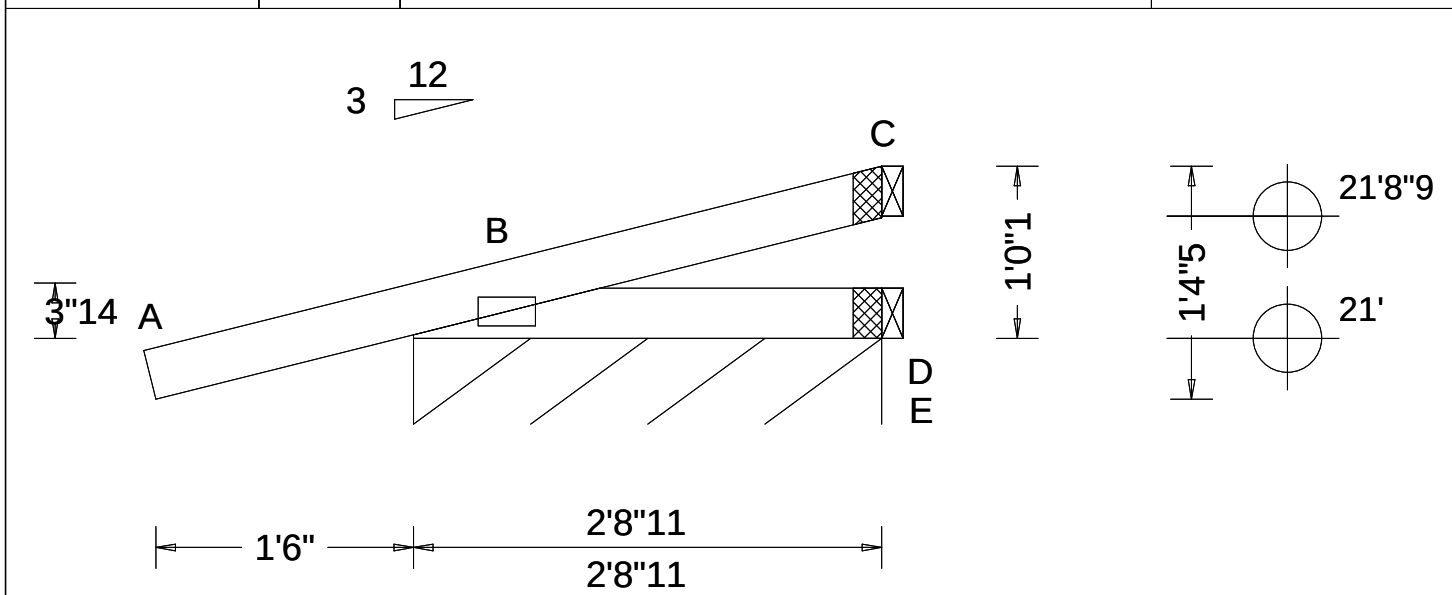
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155 Harlem Ave  
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Glenview, IL 60025

|                                 |                  |                                                      |                                                                                        |
|---------------------------------|------------------|------------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087945 JACK<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: SJ3A | Cust: R 2327 JRef: 1YK523270002 T34<br>DrwNo: 135.26.0857.08793<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|------------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                     | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 21.47 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): NA<br>VERT(CL): NA<br>HORZ(LL): 0.000 B - -<br>HORZ(TL): 0.001 B - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.235<br>Max BC CSI: 0.031<br>Max Web CSI: 0.000<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>E* 84 /- /- /20 /68 /20<br>E 40 /- /- /26 /20 /-<br>C 44 /- /- /17 /31 /-<br>Wind reactions based on MWFRS<br>E Brg Wid = 32.7 Min Req = -<br>E Brg Wid = 1.5 Min Req = -<br>C Brg Wid = 1.5 Min Req = -<br>Bearing B is a rigid surface.<br>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.

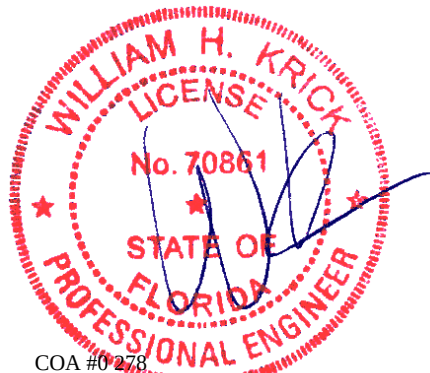
#### Wind

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.



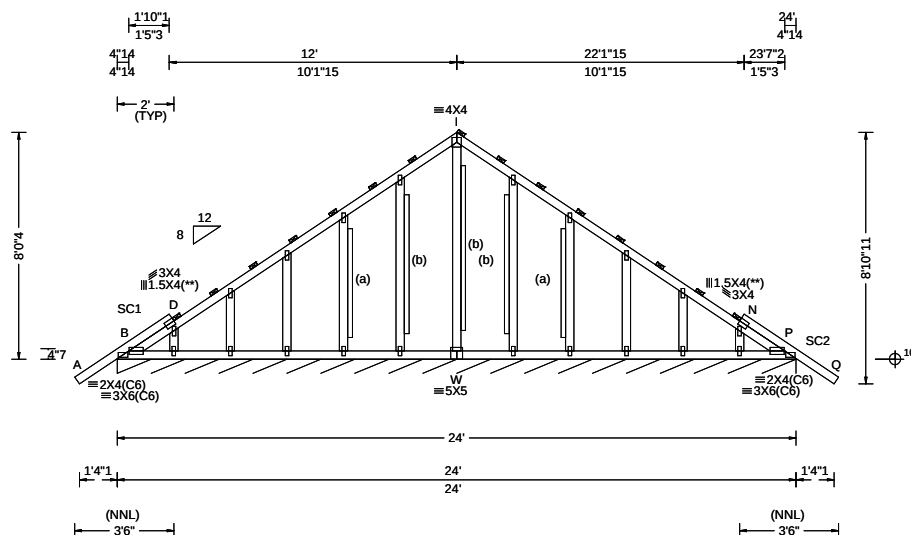
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|                                 |                  |                                                    |                                                                                        |
|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087946 GABL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T1 | Cust: R 2327 JRef: 1YK523270002 T46<br>DrwNo: 135.26.0857.11197<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                         | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.001 J 999 240<br>VERT(CL): 0.002 I 999 180<br>HORZ(LL): 0.000 O - -<br>HORZ(TL): 0.004 H - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.120<br>Max BC CSI: 0.065<br>Max Web CSI: 0.629<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B* 84 /- /- /39 /23 /11<br>Wind reactions based on MWFRS<br>B Brg Wid = 288 Min Req = -<br>Bearing B is a rigid surface.<br>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

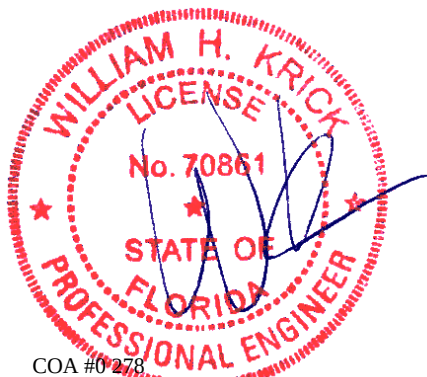
(a) 2x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3", min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

(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.



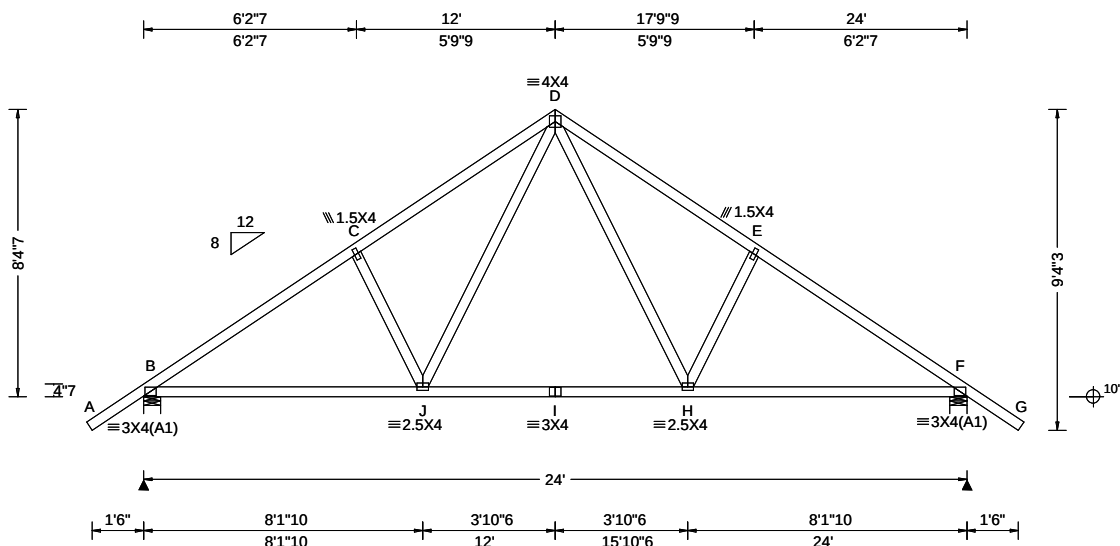
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|                                  |                  |                                                    |                                                                                        |
|----------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 000000087947 COMN<br>FROM: | Ply: 1<br>Qty: 9 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T2 | Cust: R 2327 JRef: 1YK523270002 T44<br>DrwNo: 135.26.0857.59277<br>JB / WHK 05/15/2026 |
|----------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                         | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.045 H 999 240<br>VERT(CL): 0.080 H 999 180<br>HORZ(LL): 0.019 F - -<br>HORZ(TL): 0.033 F - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.273<br>Max BC CSI: 0.460<br>Max Web CSI: 0.370<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 1097 /- /- /511 /289 /260<br>F 1097 /- /- /511 /289 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>F Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Bearings B & F are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 541 -1440 D - E 618 -1294<br>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    |



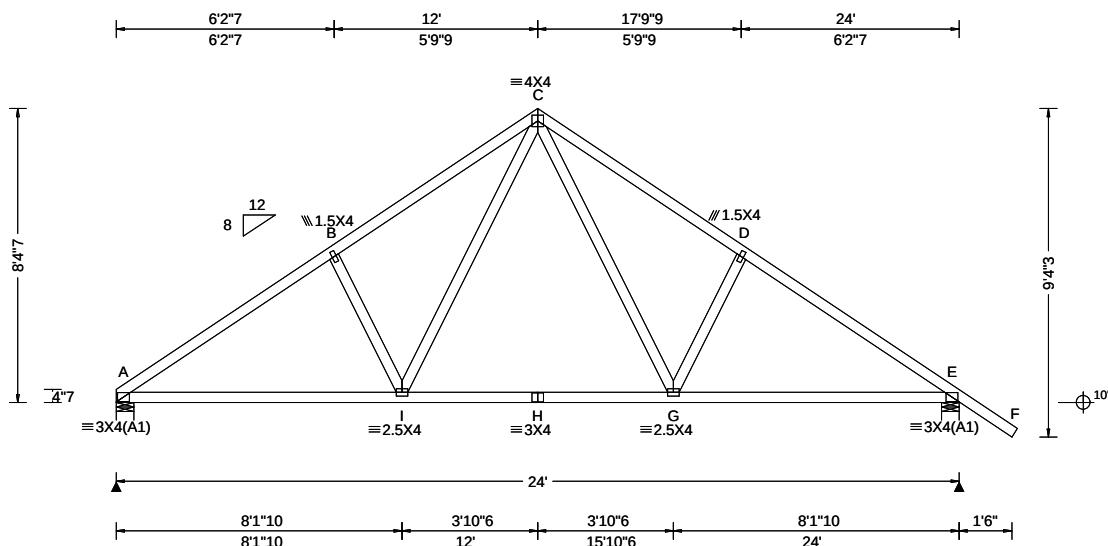
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|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087948 COMN<br>FROM: | Ply: 1<br>Qty: 5 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T3 | Cust: R 2327 JRef: 1YK523270002 T20<br>DrwNo: 135.26.0858.41297<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                         | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.044 G 999 240<br>VERT(CL): 0.079 G 999 180<br>HORZ(LL): 0.019 E - -<br>HORZ(TL): 0.033 E - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.292<br>Max BC CSI: 0.463<br>Max Web CSI: 0.401<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>A 996 /- /- /517 /247 /282<br>E 1101 /- /- /510 /291 /-<br>Wind reactions based on MWFRS<br>A Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>E Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Bearings A & E are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>A - B 562 -1457 C - D 628 -1301<br>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    |



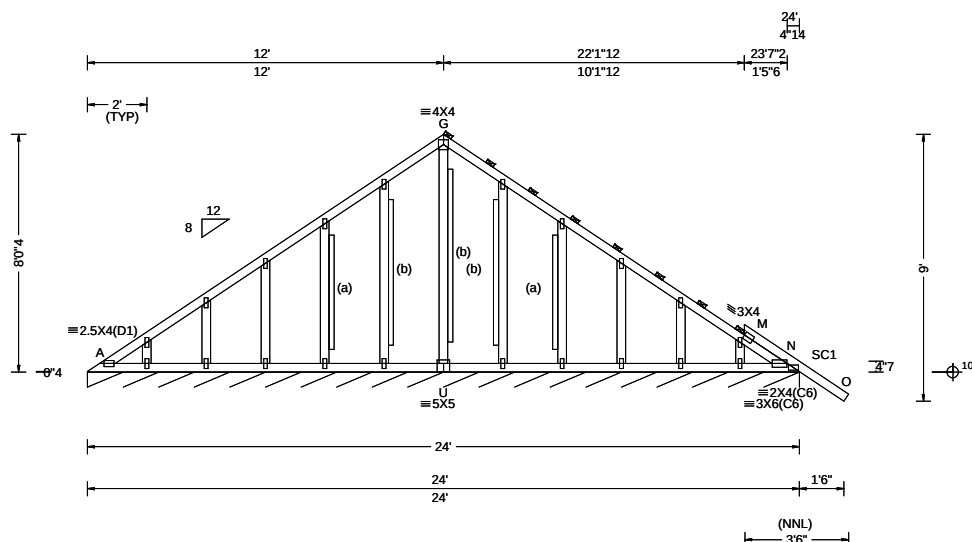
COA #0 278

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|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087949 GABL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T4 | Cust: R 2327 JRef: 1YK523270002 T43<br>DrwNo: 135.26.0859.10430<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                         | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.001 H 999 240<br>VERT(CL): 0.002 G 999 180<br>HORZ(LL): 0.001 M - -<br>HORZ(TL): 0.005 H - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.152<br>Max BC CSI: 0.076<br>Max Web CSI: 0.878<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>N* 81 /- /- /38 /21 /11<br>Wind reactions based on MWFRS<br>N Brg Wid = 288 Min Req = -<br>Bearing A is a rigid surface.<br>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;

#### 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/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.



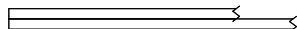
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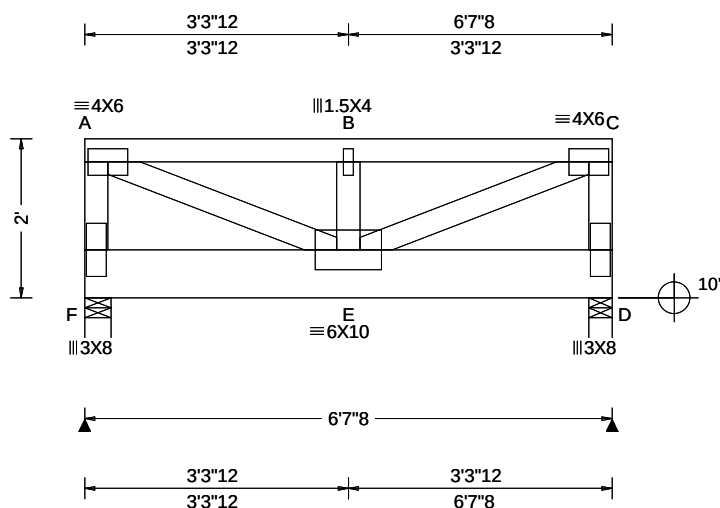
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|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087950 FLAT<br>FROM: | Ply: 2<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T5 | Cust: R 2327 JRef: 1YK523270002 T93<br>DrwNo: 135.26.0859.39877<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



2 Complete Trusses Required



| Loading Criteria (psf)                                                                                                                            | Wind Criteria                                                                                                                                                                                                                                                                               | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                          | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 0.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: NA<br>Loc. from endwall: not in 21.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.027 B 999 240<br>VERT(CL): 0.050 B 999 180<br>HORZ(LL): 0.005 A - -<br>HORZ(TL): 0.008 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.139<br>Max BC CSI: 0.238<br>Max Web CSI: 0.735<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>F 2457 /- /- /- /430 /-<br>D 2588 /- /- /- /440 /-<br>Wind reactions based on MWFRS<br>F Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>D Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>Bearings F & D are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>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

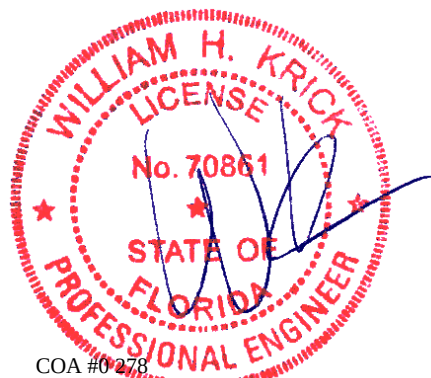
The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing.

#### 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.



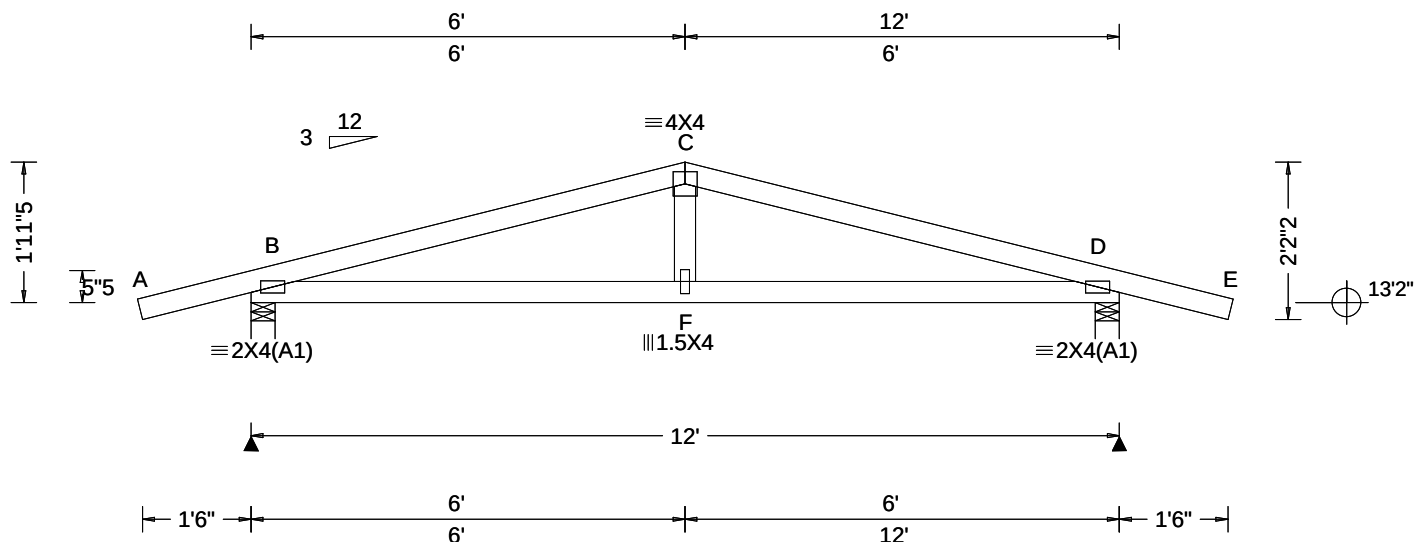
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|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087951 COMN<br>FROM: | Ply: 1<br>Qty: 3 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T6 | Cust: R 2327 JRef: 1YK523270002 T45<br>DrwNo: 135.26.0859.53940<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                  | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCCL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCCL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.027 F 999 240<br>VERT(CL): 0.047 F 999 180<br>HORZ(LL): 0.007 D - -<br>HORZ(TL): 0.012 D - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.252<br>Max BC CSI: 0.237<br>Max Web CSI: 0.089<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 536 /- /- /225 /165 /28<br>D 536 /- /- /225 /165 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>D Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>Bearings B & D are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 602 -874 C - D 601 -874 |

#### Lumber

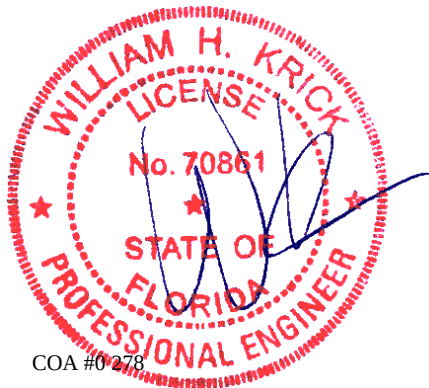
Top chord: 2x4 SP #1;  
Bot chord: 2x4 SP #1;  
Webs: 2x4 SP #3;

#### 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    |



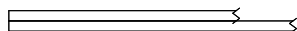
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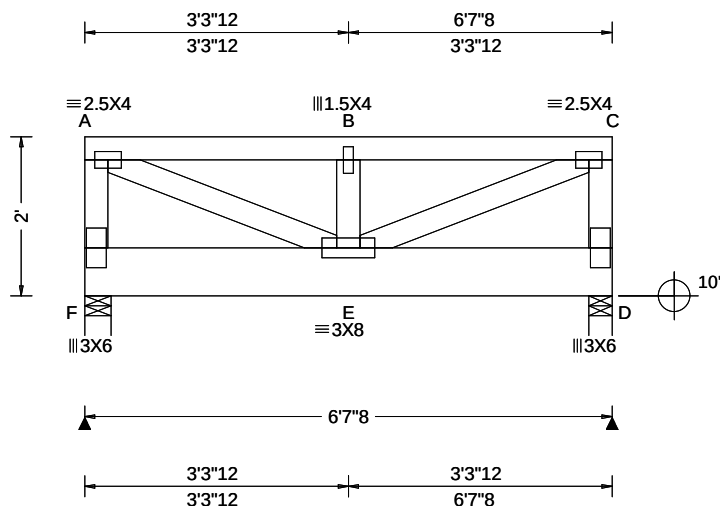
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155 Harlem Ave  
North Building, 4th Floor  
Glenview, IL 60025

|                                 |                  |                                                    |                                                                                        |
|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087952 FLAT<br>FROM: | Ply: 2<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T7 | Cust: R 2327 JRef: 1YK523270002 T50<br>DrwNo: 135.26.0859.56880<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



2 Complete Trusses Required



| Loading Criteria (psf)                                                                                                                            | Wind Criteria                                                                                                                                                                                                                                                                               | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                          | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 0.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: NA<br>Loc. from endwall: not in 21.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.011 B 999 240<br>VERT(CL): 0.021 B 999 180<br>HORZ(LL): 0.002 A - -<br>HORZ(TL): 0.004 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.050<br>Max BC CSI: 0.086<br>Max Web CSI: 0.311<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>F 1635 /- /- /- /416 /-<br>D 1076 /- /- /- /277 /-<br>Wind reactions based on MWFRS<br>F Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>D Brg Wid = 3.5 Min Req = 1.5 (Truss)<br>Bearings F & D are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>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

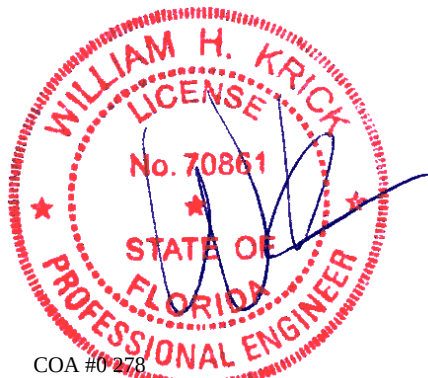
The TC of this truss shall be braced with attached  
spans at 24" oc in lieu of structural sheathing.

#### 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.



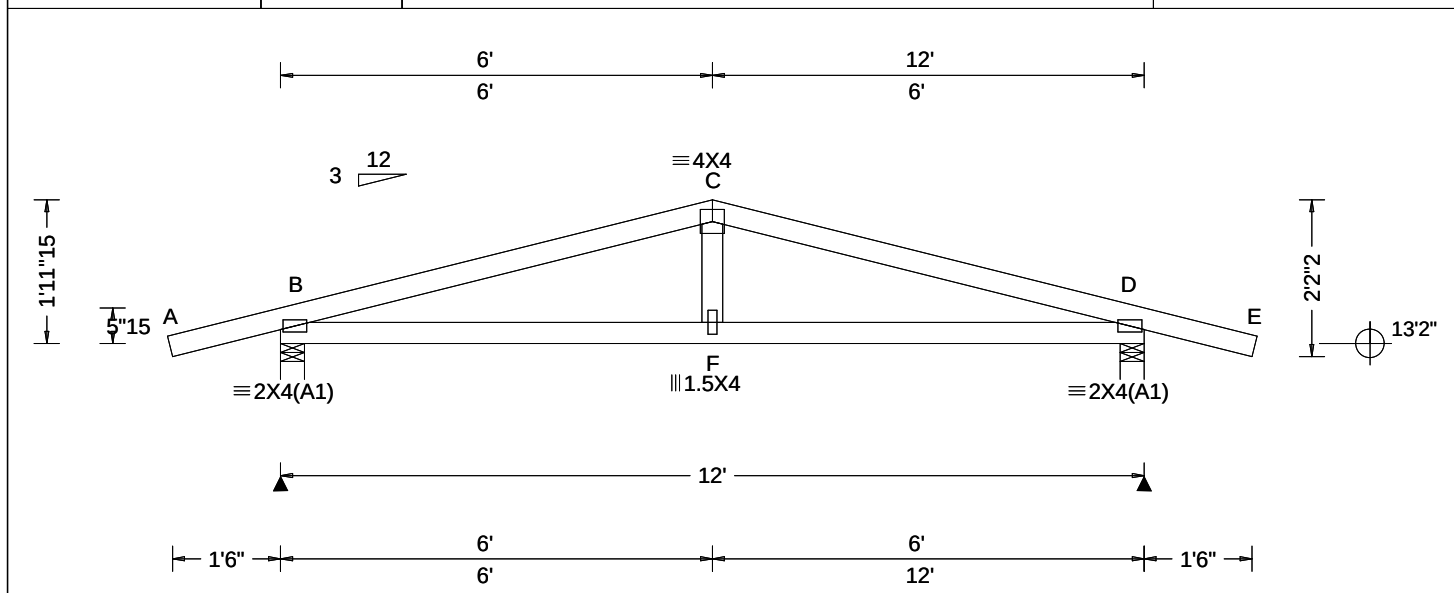
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|                                 |                   |                                                    |                                                                                        |
|---------------------------------|-------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087953 COMN<br>FROM: | Ply: 1<br>Qty: 10 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T8 | Cust: R 2327 JRef: 1YK523270002 T47<br>DrwNo: 135.26.0859.59327<br>JB / WHK 05/15/2026 |
|---------------------------------|-------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                  | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.029 F 999 240<br>VERT(CL): 0.051 F 999 180<br>HORZ(LL): 0.007 D - -<br>HORZ(TL): 0.012 D - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.281<br>Max BC CSI: 0.228<br>Max Web CSI: 0.088<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 536 /- /- /225 /165 /28<br>D 536 /- /- /225 /165 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>D Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>Bearings B & D are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 579 -841 C - D 579 -841 |

#### Lumber

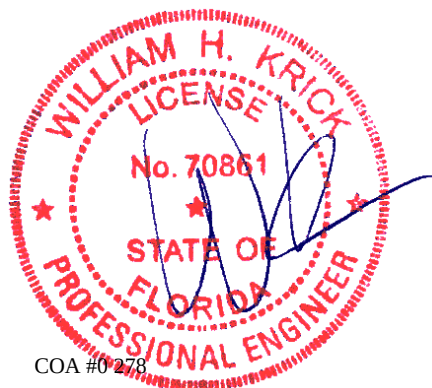
Top chord: 2x4 SP #1;  
Bot chord: 2x4 SP #1;  
Webs: 2x4 SP #3;

#### 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    |

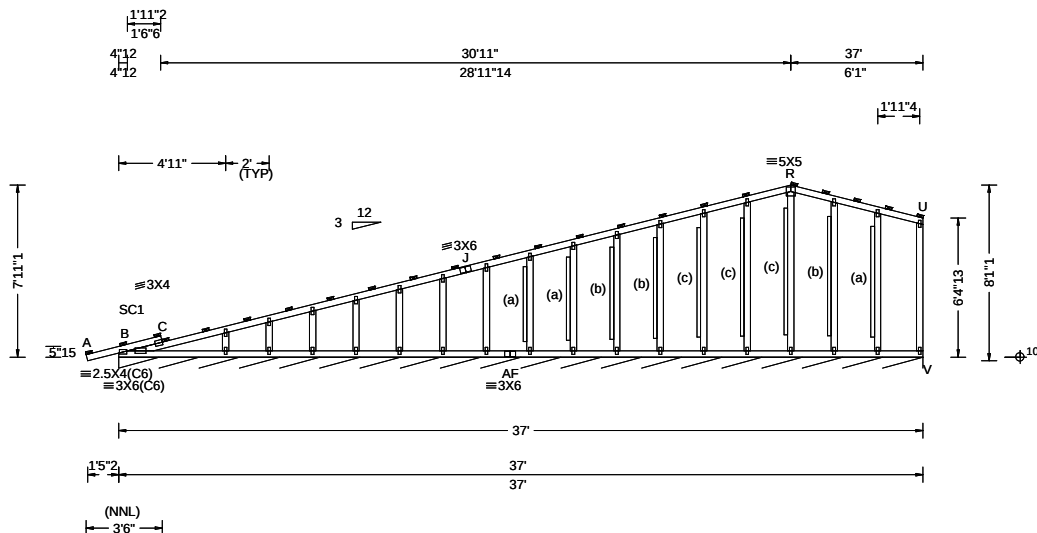


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| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                        | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                                                                                                                    |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.70 ft<br>Loc. from endwall: Any<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.016 C 999 240<br>VERT(CL): 0.029 C 999 180<br>HORZ(LL): 0.002 C - -<br>HORZ(TL): 0.017 U - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.152<br>Max BC CSI: 0.106<br>Max Web CSI: 0.996<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B* 77 /- /- /36 /23 /9<br>Wind reactions based on MWFRS<br>B Brg Wid = 444 Min Req = -<br>Bearing B is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 146 -496 C - J 137 -485<br><br><b>Maximum Bot Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp.<br>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.

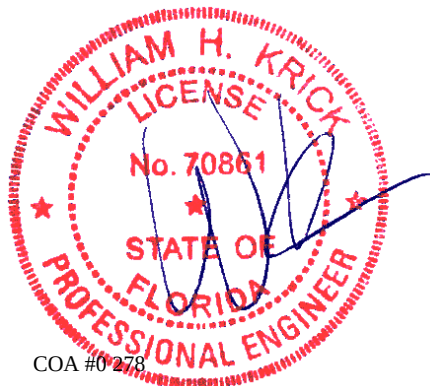
Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/296.

#### 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.



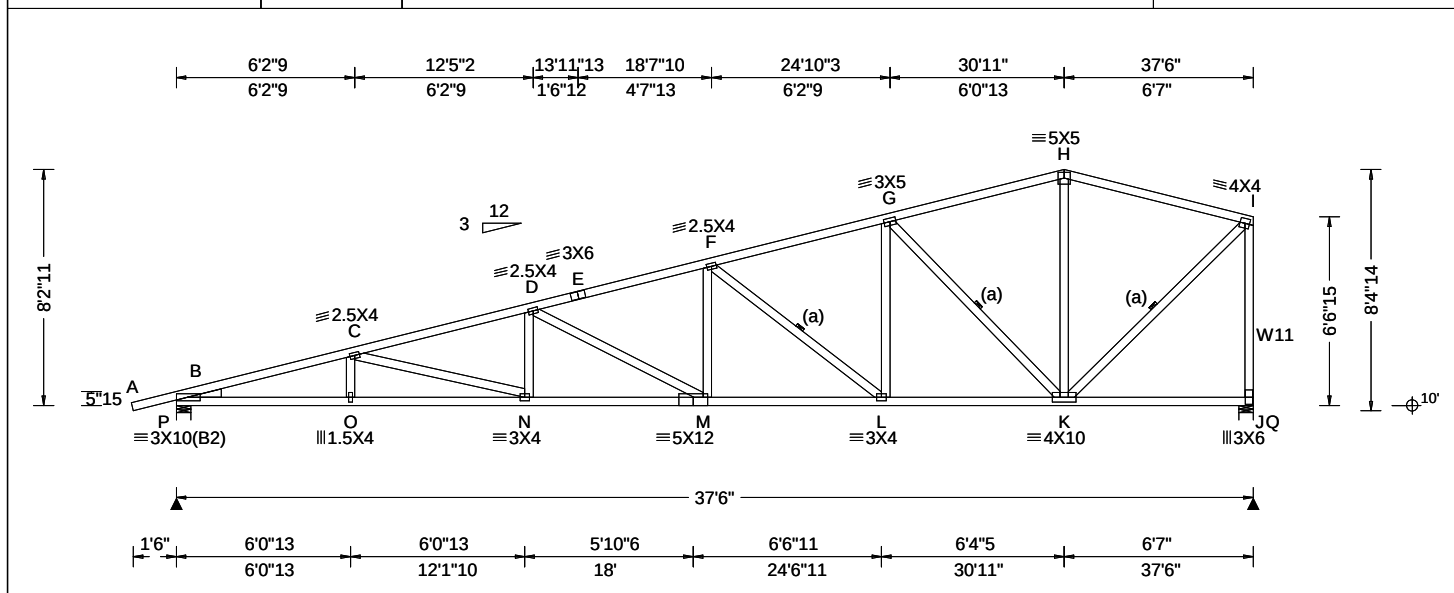
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|                                 |                   |                                                     |                                                                                        |
|---------------------------------|-------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087955 COMN<br>FROM: | Ply: 1<br>Qty: 12 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T10 | Cust: R 2327 JRef: 1YK523270002 T49<br>DrwNo: 135.26.0857.13697<br>JB / WHK 05/15/2026 |
|---------------------------------|-------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                        | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.75 ft<br>Loc. from endwall: Any<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.349 N 999 240<br>VERT(CL): 0.612 N 732 180<br>HORZ(LL): 0.081 K - -<br>HORZ(TL): 0.142 K - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.633<br>Max BC CSI: 0.941<br>Max Web CSI: 0.886<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>P 1526 - / - / - / 672 / 459 / 339<br>Q 1544 - / - / - / 675 / 421 - / -<br>Wind reactions based on MWFRS<br>P Brg Wid = 6.0 Min Req = 1.8 (Truss)<br>Q Brg Wid = 6.0 Min Req = 1.8 (Truss)<br>Bearings P & Q are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 2727 - 4196 F - G 1482 - 2111<br>C - D 2522 - 3824 G - H 916 - 1132<br>D - E 2012 - 2990 H - I 905 - 1130<br>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.



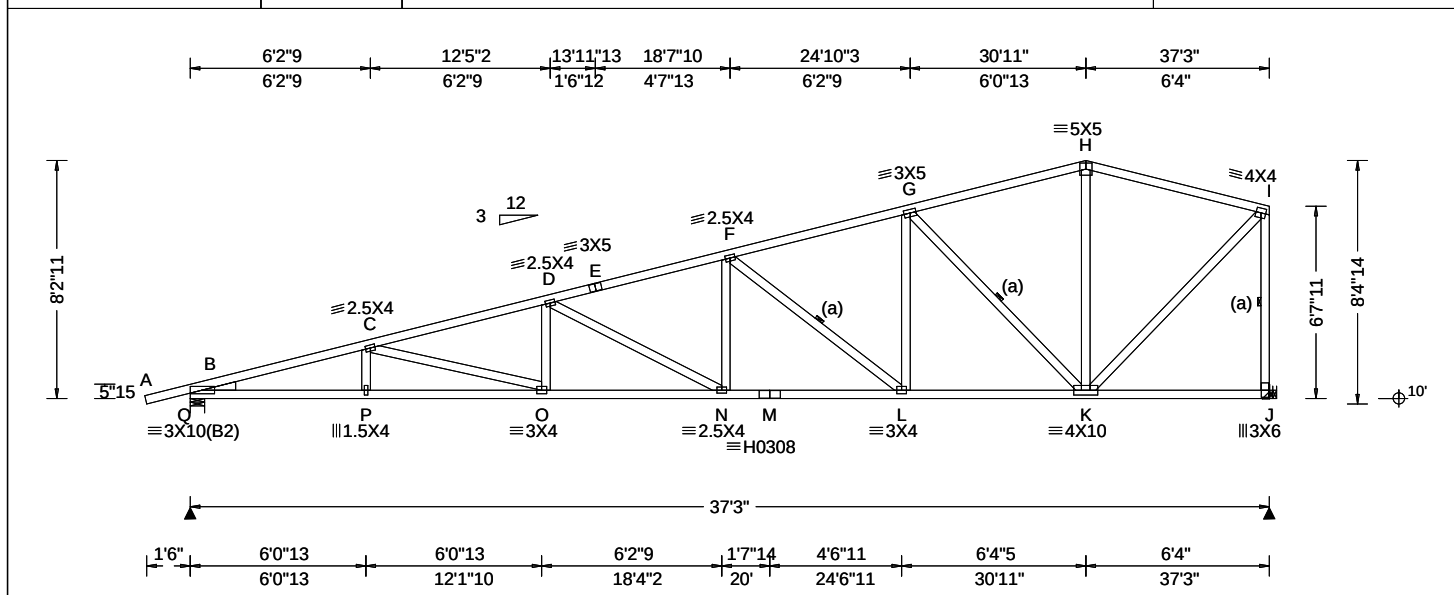
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|                                  |                  |                                                     |                                                                                        |
|----------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 000000087956 COMN<br>FROM: | Ply: 1<br>Qty: 3 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T11 | Cust: R 2327 JRef: 1YK523270002 T81<br>DrwNo: 135.26.0857.25597<br>JB / WHK 05/15/2026 |
|----------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                               | Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 3.72 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE, HS | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.344 O 999 240<br>VERT(CL): 0.604 O 736 180<br>HORZ(LL): 0.080 K - -<br>HORZ(TL): 0.140 K - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.626<br>Max BC CSI: 0.933<br>Max Web CSI: 0.852<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Q 1516 - / - / - / 677 / 305 / 230<br>J 1533 - / - / - / 661 / 232 - / -<br>Wind reactions based on MWFRS<br>Q Brg Wid = 6.0 Min Req = 1.8 (Truss)<br>J Brg Wid = - Min Req = -<br>Bearing Q is a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp. |

#### 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

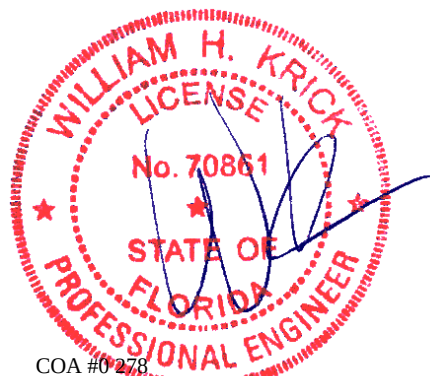
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

#### 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.



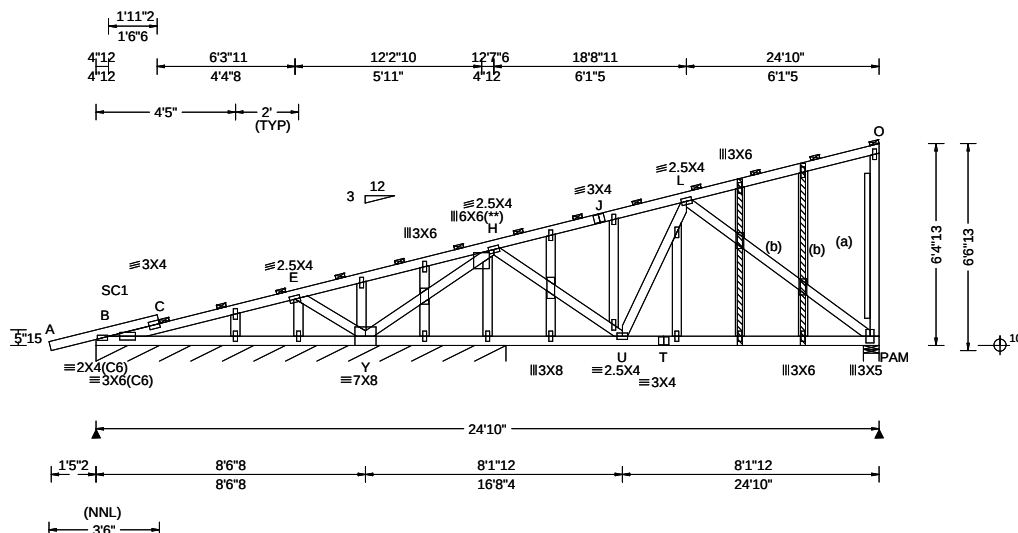
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087957 GABL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T12 | Cust: R 2327 JRef: 1YK523270002 T56<br>DrwNo: 135.26.0857.30730<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs), or *PLF                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.044 N 999 240<br>VERT(CL): 0.082 N 999 180<br>HORZ(LL): 0.009 N - -<br>HORZ(TL): 0.017 N - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.225<br>Max BC CSI: 0.220<br>Max Web CSI: 0.997<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B* 112 /- /- /50 /28 /24<br>AM 482 /- /- /243 /115 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 156 Min Req = -<br>AM Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Bearings B & AM are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>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.

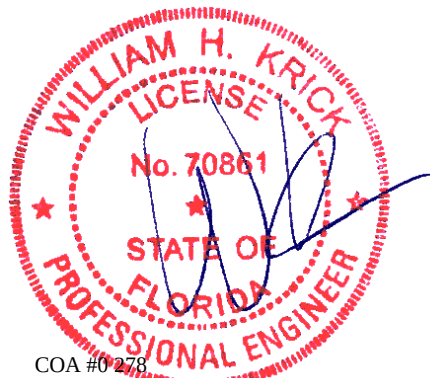
Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" oc intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice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



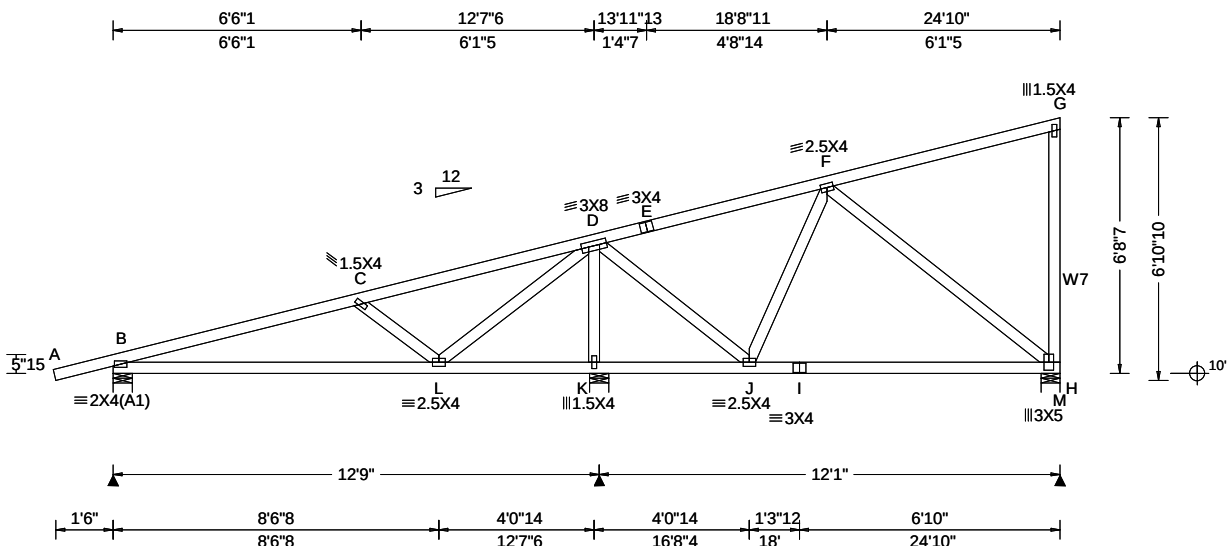
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|                                 |                   |                                                     |                                                                                         |
|---------------------------------|-------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------|
| SEQN: 00000087958 MONO<br>FROM: | Ply: 1<br>Qty: 12 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T13 | Cust: R 2327 JRef: 1YK523270002 T101<br>DrwNo: 135.26.0857.34747<br>JB / WHK 05/15/2026 |
|---------------------------------|-------------------|-----------------------------------------------------|-----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                               | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: > 2h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.014 C 999 240<br>VERT(CL): 0.026 C 999 180<br>HORZ(LL): 0.003 B - -<br>HORZ(TL): 0.007 B - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.411<br>Max BC CSI: 0.465<br>Max Web CSI: 0.458<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 484 - / - /194 /142 /321<br>K 1092 - / - /499 /274 -<br>M 423 - / - /202 /70 -<br>Wind reactions based on MWFRS<br>B Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>K Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>M Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Bearings B, K, & M are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>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)

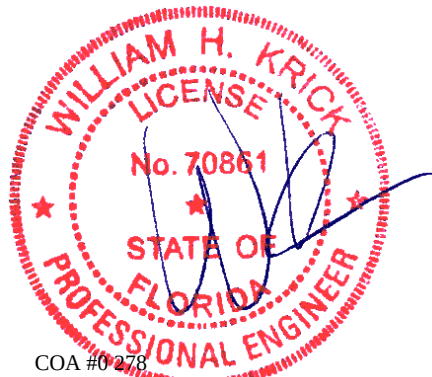
Chords Tens.Comp.

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



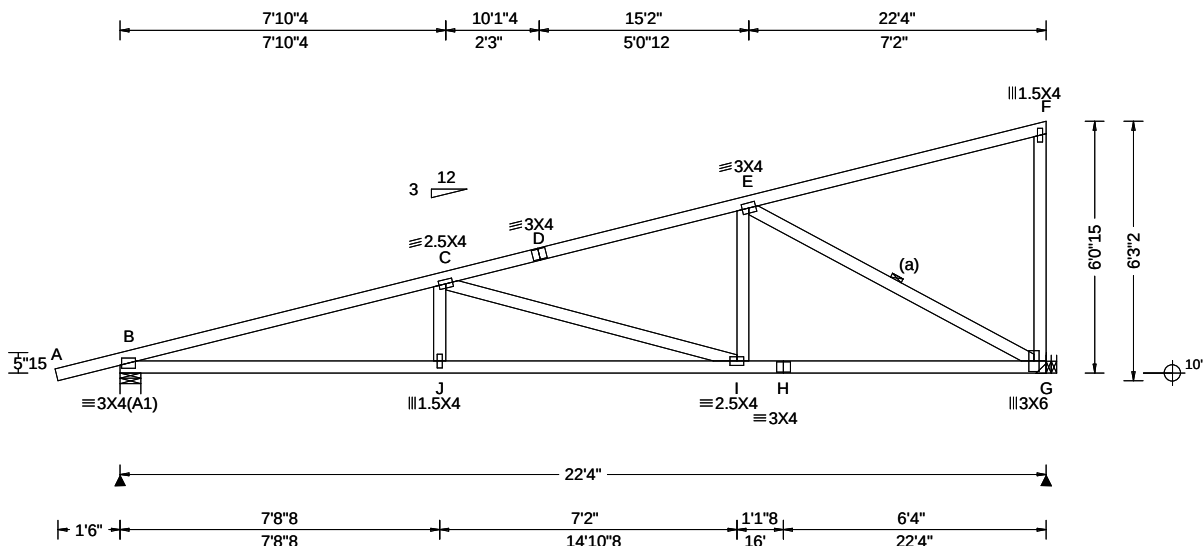
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087959 MONO<br>FROM: | Ply: 1<br>Qty: 3 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T14 | Cust: R 2327 JRef: 1YK523270002 T57<br>DrwNo: 135.26.0857.37707<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                               | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: > 2h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.122 C 999 240<br>VERT(CL): 0.224 C 999 180<br>HORZ(LL): 0.030 G - -<br>HORZ(TL): 0.054 G - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.569<br>Max BC CSI: 0.536<br>Max Web CSI: 0.993<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>B 930 /- /- /411 /238 /219<br>G 822 /- /- /397 /206 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>G Brg Wid = - Min Req = -<br>Bearing B is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 617 -2110 D - E 344 -1180<br>C - D 334 -1210 |

#### Lumber

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

#### Reinforcement

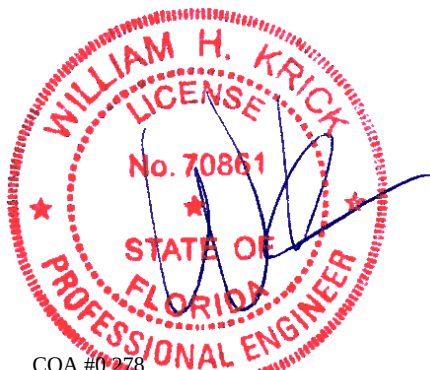
(a) Continuous lateral restraint equally spaced on member.

#### Hangers / 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.



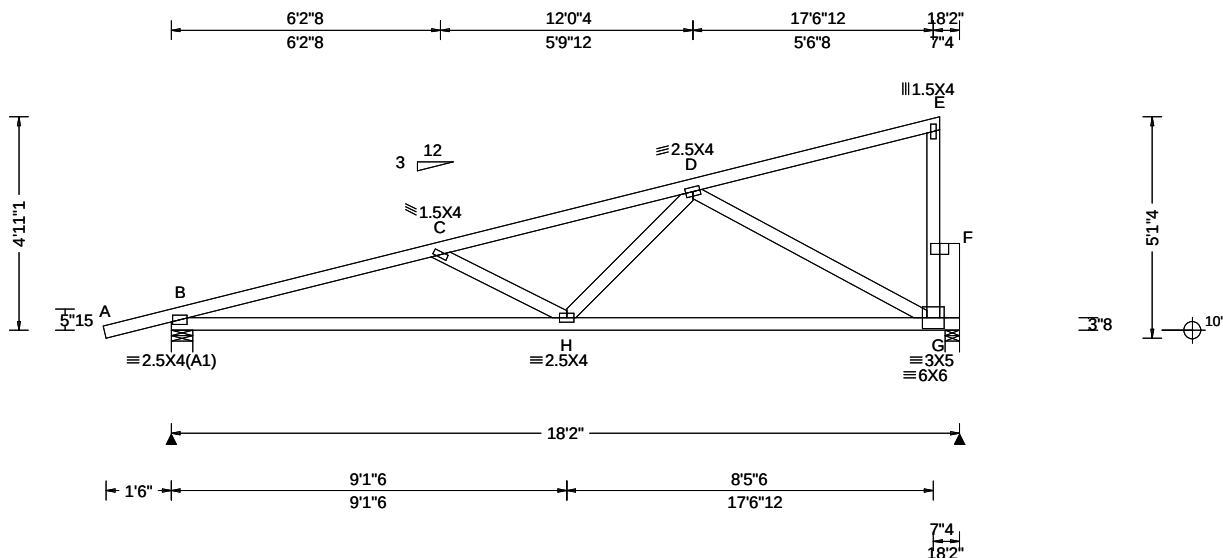
COA #0278

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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087960 MONO<br>FROM: | Ply: 1<br>Qty: 6 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T15 | Cust: R 2327 JRef: 1YK523270002 T48<br>DrwNo: 135.26.0857.41160<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                               | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: > 2h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.076 C 999 240<br>VERT(CL): 0.139 C 999 180<br>HORZ(LL): 0.017 G - -<br>HORZ(TL): 0.032 G - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.342<br>Max BC CSI: 0.661<br>Max Web CSI: 0.925<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 776 /- /- /327 /225 /233<br>G 641 /- /- /324 /138 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>G Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>Bearings B & G are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>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

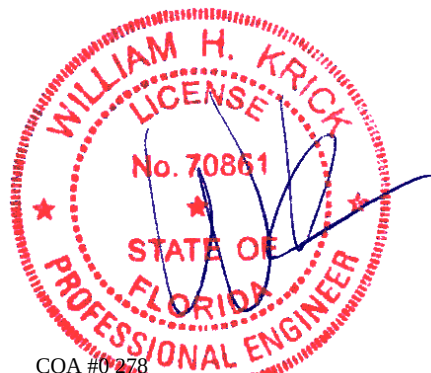
Member design based on both MWFRS and C&C.  
Right end vertical exposed to wind pressure.  
Deflection meets L/180.  
Wind loading based on both gable and hip roof types.

#### 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   |



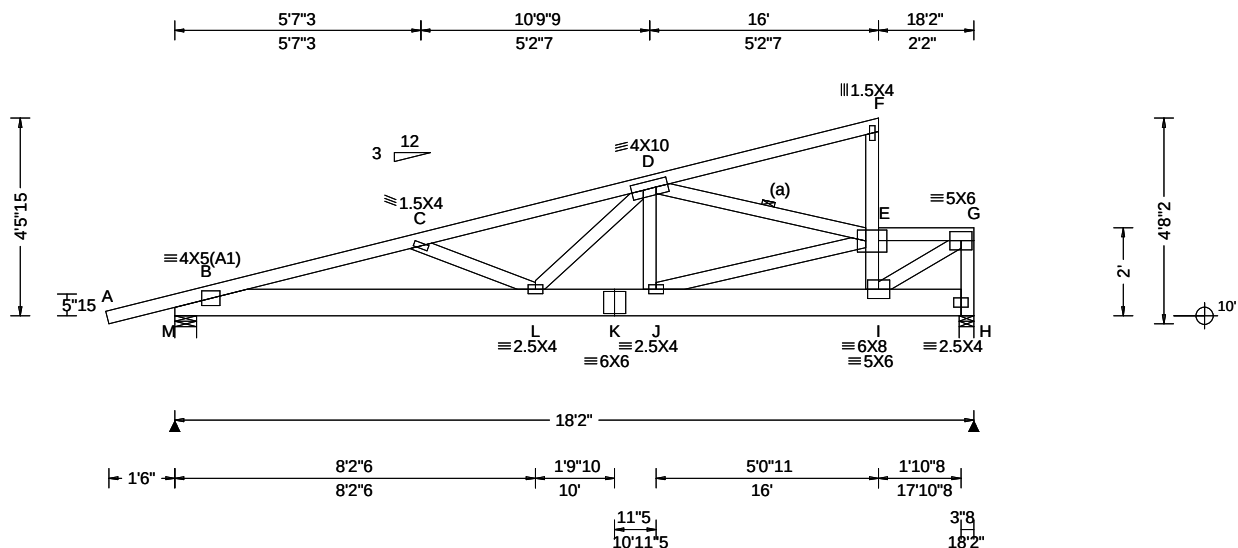
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|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087961 MONO<br>FROM: | Ply: 1<br>Qty: 5 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T16 | Cust: R 2327 JRef: 1YK523270002 T53<br>DrwNo: 135.26.0857.44177<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                              | Wind Criteria                                                                                                                                                                                                                                                                               | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                          | Defl/CSI Criteria                                                                                                                                                                                                                                                | Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 40.00<br>TCDL: 10.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 60.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.00<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: > 2h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.098 L 999 240<br>VERT(CL): 0.162 L 999 180<br>HORZ(LL): -0.014 F - -<br>HORZ(TL): 0.024 F - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.628<br>Max BC CSI: 0.295<br>Max Web CSI: 0.878<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>M 1290 - / - / 396 / 246 / 213<br>H 1330 - / - / 377 / 134 -<br>Wind reactions based on MWFRS<br>M Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>H Brg Wid = 4.0 Min Req = 1.5 (Support)<br>Bearings M & H are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 813 - 2872 E - G 526 - 1545<br>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!



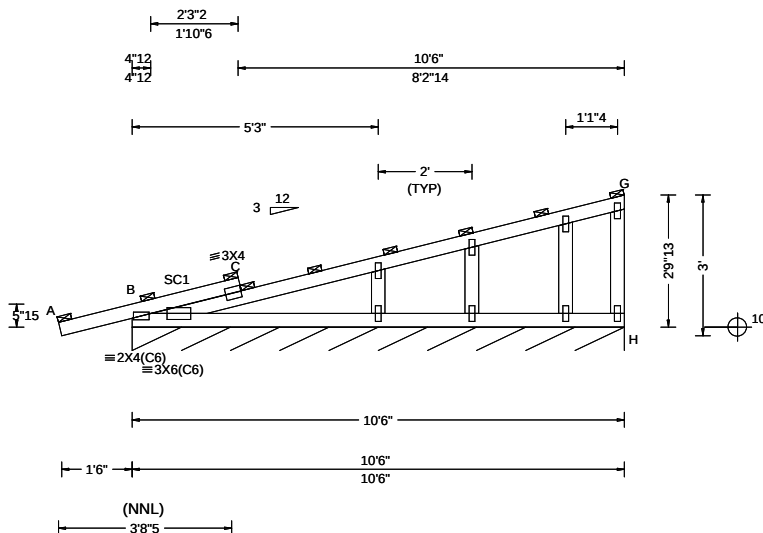
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|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087962 GABL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T17 | Cust: R 2327 JRef: 1YK523270002 T51<br>DrwNo: 135.26.0857.48660<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.021 C 999 240<br>VERT(CL): 0.038 C 999 180<br>HORZ(LL): 0.003 C - -<br>HORZ(TL): 0.007 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.223<br>Max BC CSI: 0.119<br>Max Web CSI: 0.148<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>H* 83 /- /- /37 /23 /13<br>Wind reactions based on MWFRS<br>H Brg Wid = 126 Min Req = -<br>Bearing B is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>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.

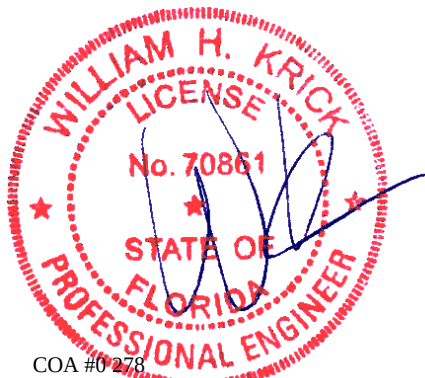
Wind loading based on both gable and hip roof types.

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.

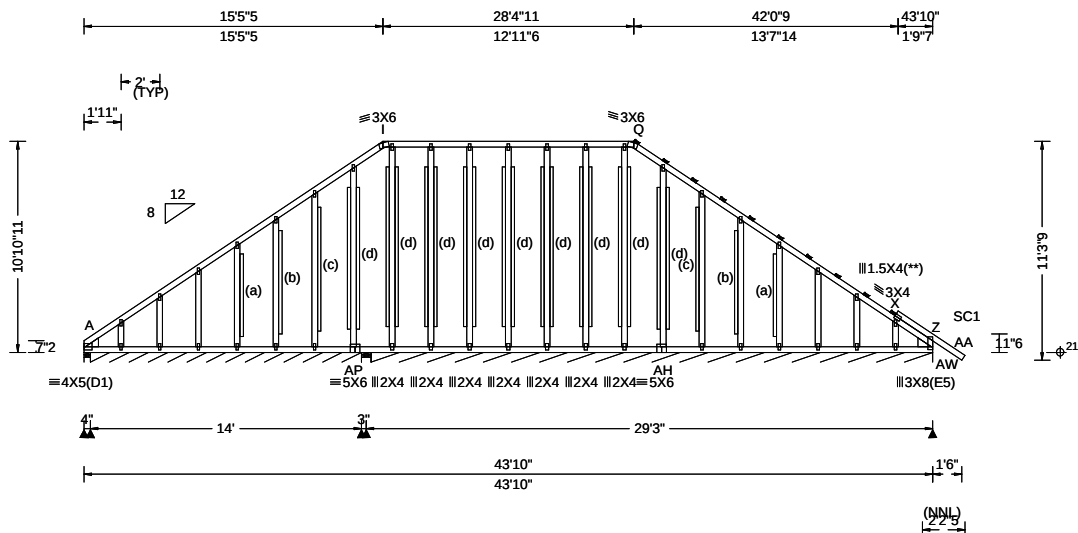


COA #0 278

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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.



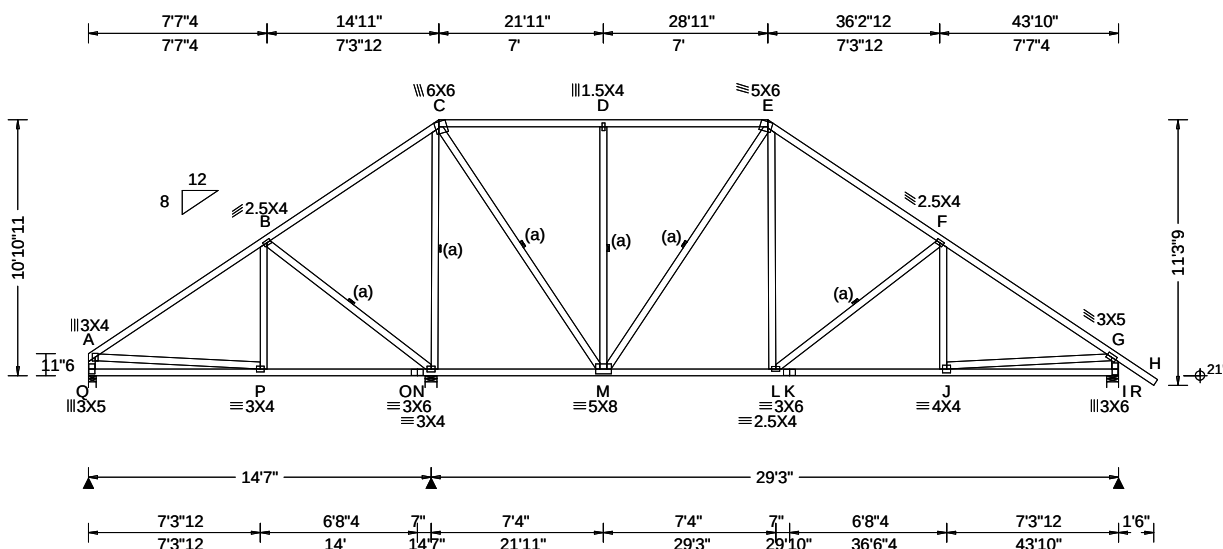
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|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087964 COMN<br>FROM: | Ply: 1<br>Qty: 5 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T19 | Cust: R 2327 JRef: 1YK523270002 T40<br>DrwNo: 135.26.0857.54973<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 28.70 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 4.38 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.083 L 999 240<br>VERT(CL): 0.106 L 999 180<br>HORZ(LL): 0.024 G - -<br>HORZ(TL): 0.031 G - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.571<br>Max BC CSI: 0.440<br>Max Web CSI: 0.926<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Q 453 - / - / 198 / 166 / 575<br>N 2279 - / - / 1133 / 703 -<br>R 1306 - / - / 675 / 458 -<br>Wind reactions based on MWFRS<br>Q Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>N Brg Wid = 6.0 Min Req = 2.7 (Truss)<br>R Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Bearings Q, N, & R are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>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.



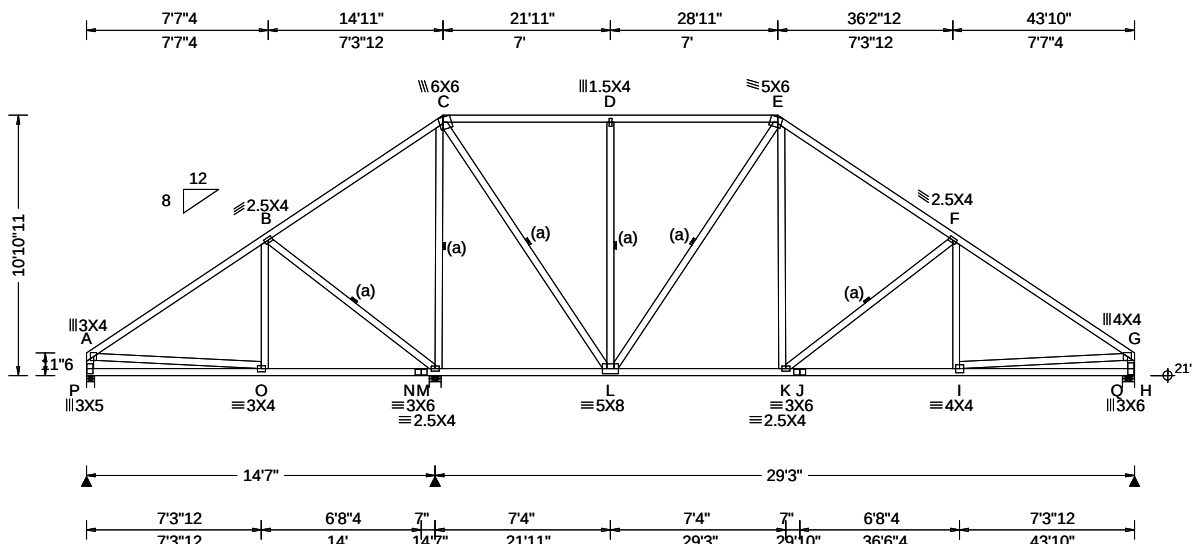
COA #0278

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|                   |      |                  |                                                     |                                                                                        |
|-------------------|------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087965 | COMN | Ply: 1<br>Qty: 3 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T20 | Cust: R 2327 JRef: 1YK523270002 T75<br>DrwNo: 135.26.0858.01530<br>JB / WHK 05/15/2026 |
|-------------------|------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 29.25 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 4.38 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.062 K 999 240<br>VERT(CL): 0.106 K 999 180<br>HORZ(LL): 0.018 G - -<br>HORZ(TL): 0.031 G - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.571<br>Max BC CSI: 0.441<br>Max Web CSI: 0.948<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>P 453 - / - / - /203 /116 /537<br>M 2282 - / - / - /1120 /534 - / -<br>Q 1206 - / - / - /689 /295 - / -<br>Wind reactions based on MWFRS<br>P Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>M Brg Wid = 6.0 Min Req = 2.7 (Truss)<br>Q Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Bearings P, M, & Q are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>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.

#### Maximum Bot Chord Forces Per Ply (lbs)

| Chords | Tens.Comp. | Chords | Tens. Comp. |
|--------|------------|--------|-------------|
| P - O  | 594 -553   | L - K  | 870 -11     |
| O - N  | 524 -379   | K - J  | 1296 -305   |
| N - M  | 524 -379   | J - I  | 1296 -305   |

#### Maximum Web Forces Per Ply (lbs)

| Webs  | Tens.Comp. | Webs  | Tens. Comp. |
|-------|------------|-------|-------------|
| A - P | 207 -394   | L - E | 184 -491    |
| B - M | 423 -629   | E - K | 608 -167    |
| M - C | 464 -1604  | K - F | 379 -522    |
| C - L | 1359 -372  | I - G | 1173 -211   |
| D - L | 253 -451   | G - H | 412 -1146   |



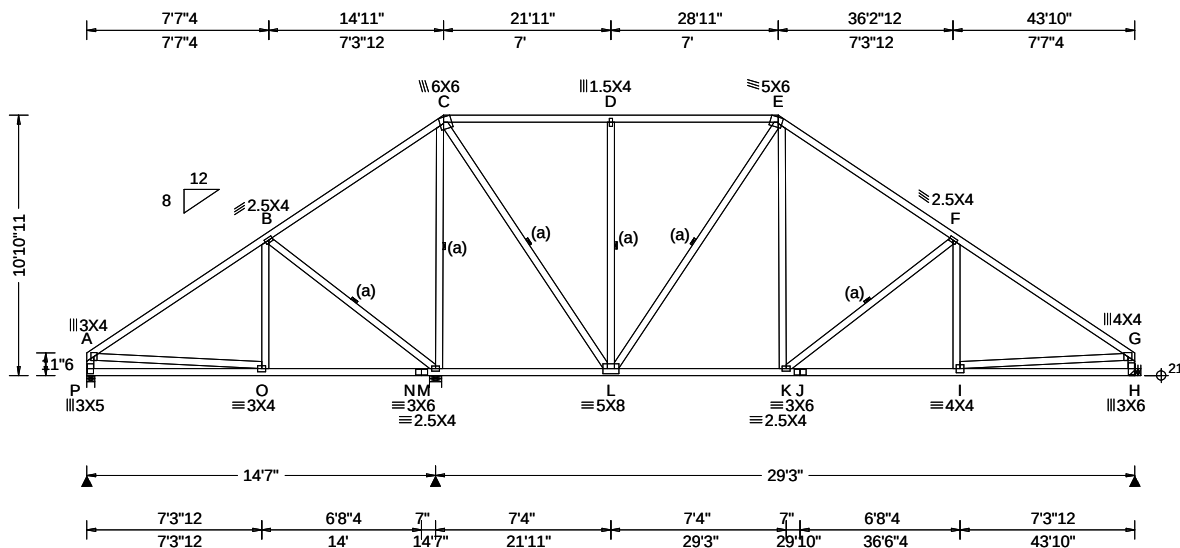
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087966 COMN<br>FROM: | Ply: 1<br>Qty: 3 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T21 | Cust: R 2327 JRef: 1YK523270002 T36<br>DrwNo: 135.26.0858.05113<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 29.25 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 4.38 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.062 K 999 240<br>VERT(CL): 0.106 K 999 180<br>HORZ(LL): 0.018 G - -<br>HORZ(TL): 0.031 G - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.571<br>Max BC CSI: 0.441<br>Max Web CSI: 0.958<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>P 453 - / - / - /205 /110 /528<br>M 2282 - / - / - /1118 /543 - / -<br>H 1206 - / - / - /686 /293 - / -<br>Wind reactions based on MWFRS<br>P Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>M Brg Wid = 6.0 Min Req = 2.7 (Truss)<br>H Brg Wid = - Min Req = -<br>Bearings P & M are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>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.



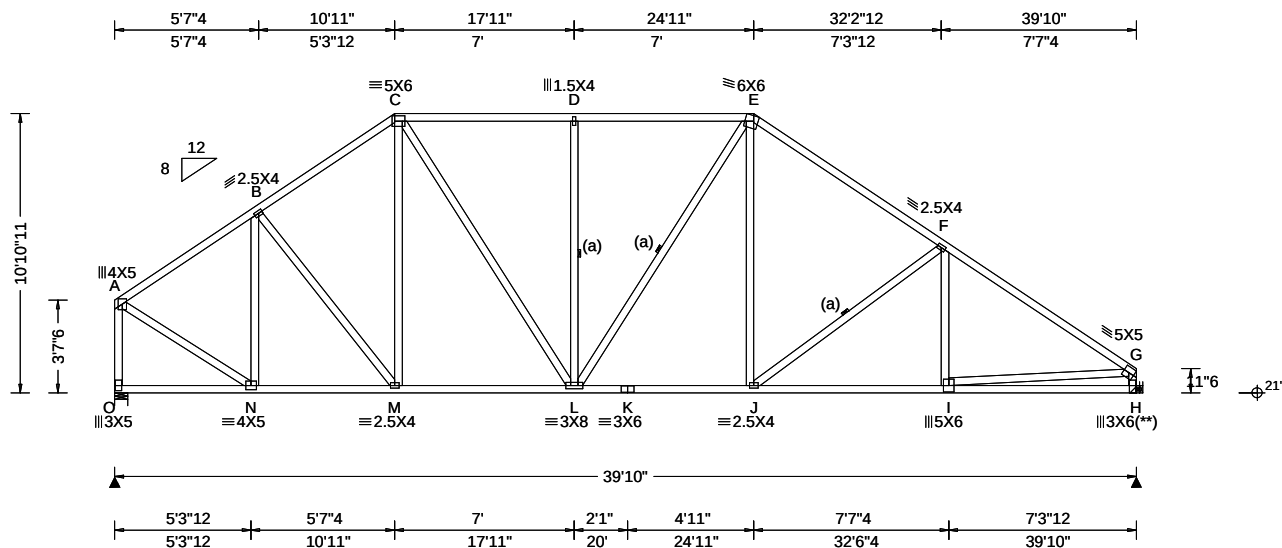
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|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087967 SPEC<br>FROM: | Ply: 1<br>Qty: 6 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T22 | Cust: R 2327 JRef: 1YK523270002 T12<br>DrwNo: 135.26.0858.09987<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                  | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 29.25 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 3.98 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.108 J 999 240<br>VERT(CL): 0.182 J 999 180<br>HORZ(LL): 0.044 G - -<br>HORZ(TL): 0.075 G - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.832<br>Max BC CSI: 0.535<br>Max Web CSI: 0.725<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>O 1812 - / - / - /941 /42 /519<br>H 1768 - / - / - /990 /108 - / -<br>Wind reactions based on MWFRS<br>O Brg Wid = 6.0 Min Req = 2.1 (Truss)<br>H Brg Wid = - Min Req = -<br>Bearing O is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>A - B 380 -1608 D - E 597 -1769<br>B - C 468 -1805 E - F 607 -2129<br>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

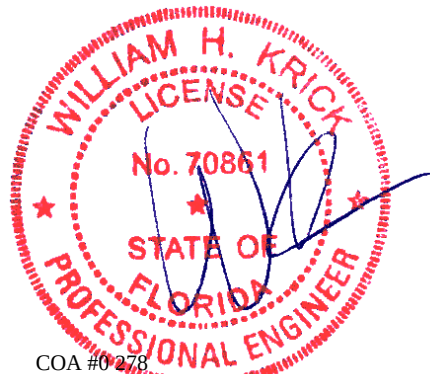
Member design based on both MWFRS and C&C.  
Left end vertical exposed to wind pressure. Deflection meets L/180.  
Right end vertical not exposed to wind pressure.  
Wind loading based on both gable and hip roof types.

#### 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   |       |             |



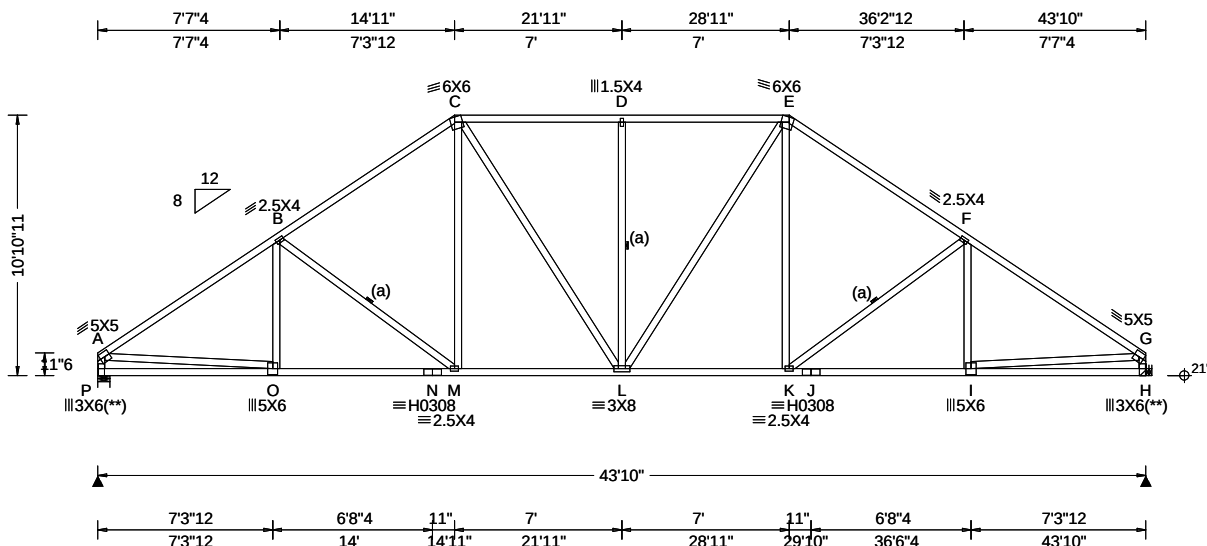
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|---------------------------------|-------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087968 COMN<br>FROM: | Ply: 1<br>Qty: 10 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T23 | Cust: R 2327 JRef: 1YK523270002 T74<br>DrwNo: 135.26.0858.13463<br>JB / WHK 05/15/2026 |
|---------------------------------|-------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                          | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 29.25 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 4.38 ft<br>Loc. from endwall: not in 13.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code: FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s): WAVE, HS | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.155 D 999 240<br>VERT(CL): 0.266 D 999 180<br>HORZ(LL): 0.059 G - -<br>HORZ(TL): 0.101 G - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.946<br>Max BC CSI: 0.565<br>Max Web CSI: 0.811<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>P 1942 - / - / - / 951 / 473 / 528<br>H 1942 - / - / - / 951 / 473 / -<br>Wind reactions based on MWFRS<br>P Brg Wid = 6.0 Min Req = 2.3 (Truss)<br>H Brg Wid = - Min Req = -<br>Bearing P is a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>A - B 820 -2837 D - E 997 -2129<br>B - C 819 -2424 E - F 819 -2424<br>C - D 997 -2129 F - G 820 -2837 |

#### 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

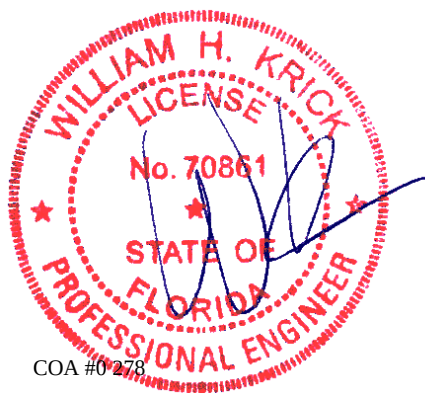
(\*\*) 2 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

#### 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.



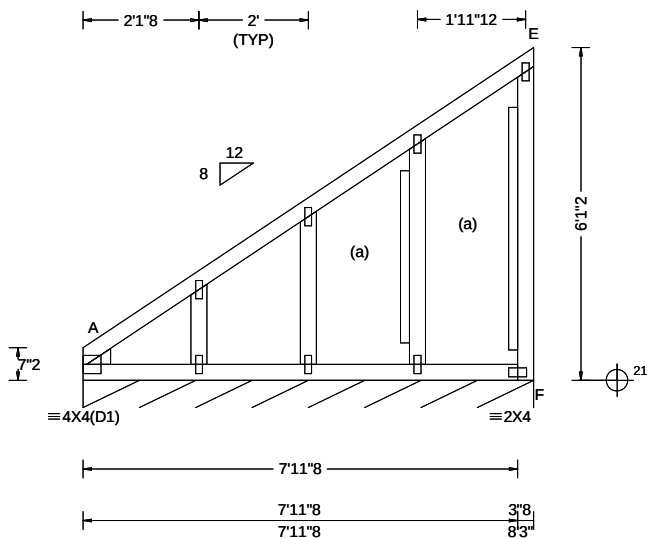
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087969 GABL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T24 | Cust: R 2327 JRef: 1YK523270002 T21<br>DrwNo: 135.26.0858.17250<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                         | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                    | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                                                                                     |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 24.35 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.001 D 999 240<br>VERT(CL): -0.004 A 999 180<br>HORZ(LL): 0.001 D - -<br>HORZ(TL): 0.013 E - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.096<br>Max BC CSI: 0.163<br>Max Web CSI: 0.890<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>F* 76 /- /- /54 /35 /40<br>Wind reactions based on MWFRS<br>F Brg Wid = 99.0 Min Req = -<br>Bearing A is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp.<br>A - E 179 -667<br><br><b>Maximum Bot Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp.<br>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.

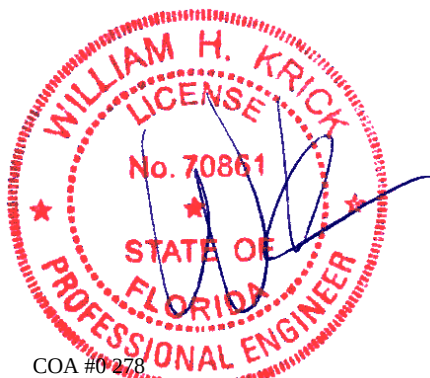
Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/726.

#### 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.

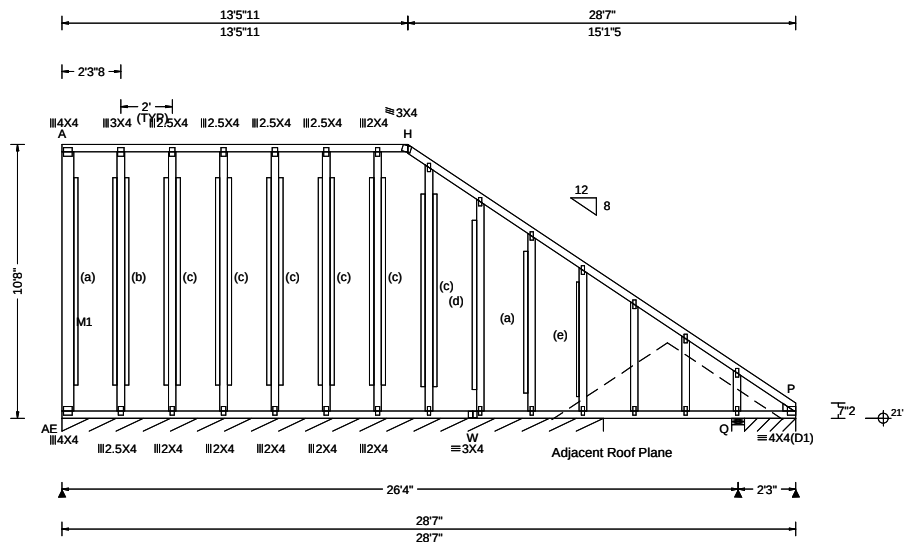


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North Building, 4th Floor  
Glenview, IL 60025



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                    | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 28.90 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.023 S 999 240<br>VERT(CL): 0.046 R 999 180<br>HORZ(LL): -0.015 M - -<br>HORZ(TL): 0.041 A - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.214<br>Max BC CSI: 0.219<br>Max Web CSI: 0.988<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>AE*85 /- /- /59 /21 /35<br>Q 390 /- /- /376 /243 /-<br>P* 25 /-13 /- /243 /145 /-<br>Wind reactions based on MWFRS<br>AE Brg Wid = 253 Min Req = -<br>Q Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>P Brg Wid = 24.0 Min Req = -<br>Bearings AE, Q, & P are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp. |

|                                                                                                                           |                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|
| <b>Lumber</b><br>Top chord: 2x4 SP #1;<br>Bot chord: 2x4 SP #1;<br>Webs: 2x4 SP #3; M1 2x6 SP #1;<br>Rt Wedge: 2x4 SP #3; | <b>Maximum Bot Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp.<br>W - P 674 -365 |
|---------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|

#### 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

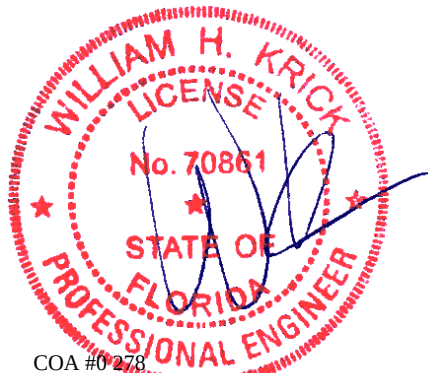
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|                        |        |                   |                                     |
|------------------------|--------|-------------------|-------------------------------------|
| SEQN: 00000087970 GABL | Ply: 1 | Job Number: Z0540 | Cust: 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.



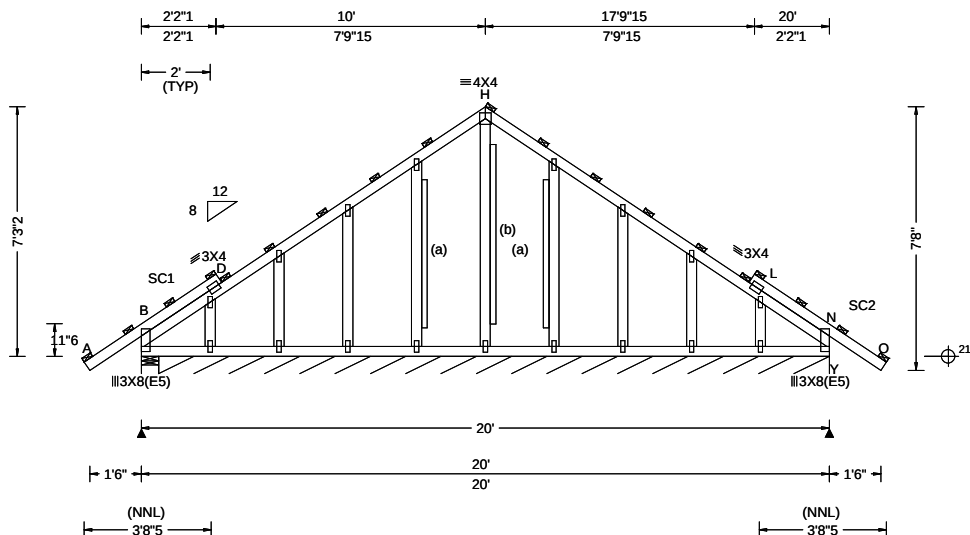
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155 Harlem Ave  
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Glenview, IL 60025

|                                 |                  |                                                     |                                                                                       |
|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|
| SEQN: 00000087971 GABL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T26 | Cust: R 2327 JRef: 1YK523270002 T9<br>DrwNo: 135.26.0858.24773<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 24.55 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.001 I 999 240<br>VERT(CL): 0.002 H 999 180<br>HORZ(LL): 0.000 N - -<br>HORZ(TL): 0.007 N - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.189<br>Max BC CSI: 0.027<br>Max Web CSI: 0.968<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 219 /- /- /92 /92 /216<br>Y* 77 /- /- /40 /38 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Y Brg Wid = 234 Min Req = -<br>Bearings B & B are a rigid surface.<br>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.



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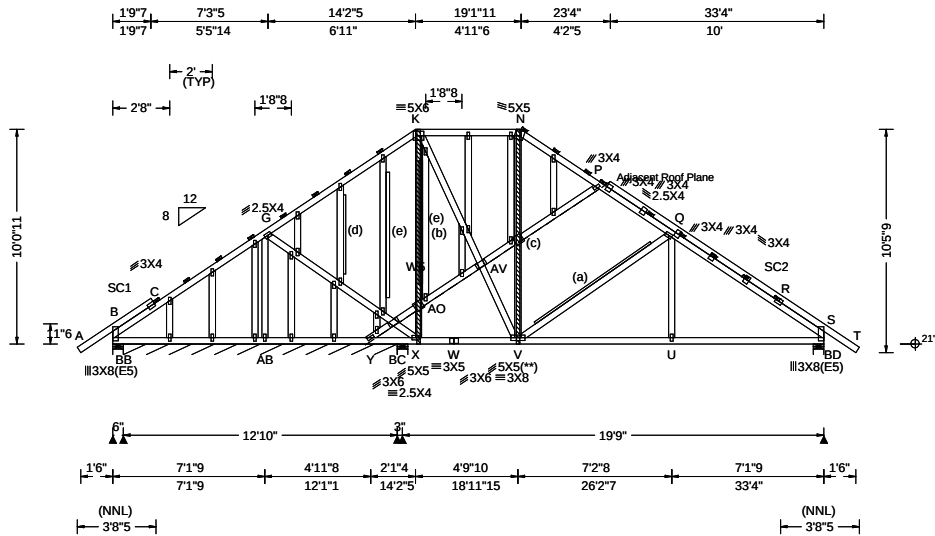
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| Loading Criteria (psf) | Wind Criteria                 | Snow Criteria (Pg, Pf in PSF) | Defl/CSI Criteria               | ▲ Maximum Reactions (lbs), or *=PLF           |
|------------------------|-------------------------------|-------------------------------|---------------------------------|-----------------------------------------------|
| TCLL: 20.00            | 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): 0.085 R 999 240       | Loc R+ / R- / Rh / Rw / U / RL                |
| BCLL: 0.00             | Enclosure: Enclosed           | Lu: NA Cs: NA                 | VERT(CL): 0.160 R 999 180       | B 188 /- /- /82 /103 /317                     |
| BCDL: 10.00            | Risk Category: II             | Snow Duration: NA             | HORZ(LL): -0.046 R - -          | BB*98 /- /- /68 /54 /-                        |
| Des Ld: 37.00          | EXP: C Kzt: NA                | Building Code:                | HORZ(TL): 0.087 R - -           | BC 405 /- /- /218 /48 /-                      |
| NCBCLL: 10.00          | Mean Height: 26.95 ft         | FBC 8th Ed. 2023 Res.         | Creep Factor: 2.0               | BD 934 /- /- /419 /151 /-                     |
| Soffit: 2.00           | TCDL: 4.2 psf                 | TPI Std: 2014                 | Max TC CSI: 0.387               | Wind reactions based on MWFRS                 |
| Load Duration: 1.25    | BCDL: 5.0 psf                 | Rep Fac: Yes                  | Max BC CSI: 0.380               | B Brg Wid = 6.0 Min Req = 1.5 (Truss)         |
| Spacing: 24.0 "        | MWFRS Parallel Dist: 0 to h/2 | FT/RT: 20(0)/10(0)            | Max Web CSI: 0.990              | BB Brg Wid = 153 Min Req = -                  |
|                        | C&C Dist a: 3.33 ft           | Plate Type(s):                | VIEW Ver: 24.02.00B.1106.21     | BC Brg Wid = 6.0 Min Req = 1.5 (Truss)        |
|                        | Loc. from endwall: Any        | WAVE                          |                                 | BD Brg Wid = 6.0 Min Req = 1.5 (Truss)        |
|                        | GCp: 0.18                     |                               |                                 | Bearings B, BB, BC, & BD are a rigid surface. |
|                        | Wind Duration: 1.60           |                               |                                 | Members not listed have forces less than 375# |

#### Lumber

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;

#### Reinforcement

(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.

#### 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.

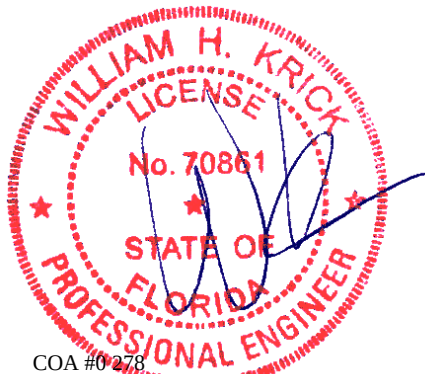
Wind loading based on both gable and hip roof types.

Gable meets L/120 deflection criteria for wind load  
applied to face. Calculated deflection ratio is L/214.

#### Additional Notes

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

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



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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                 |

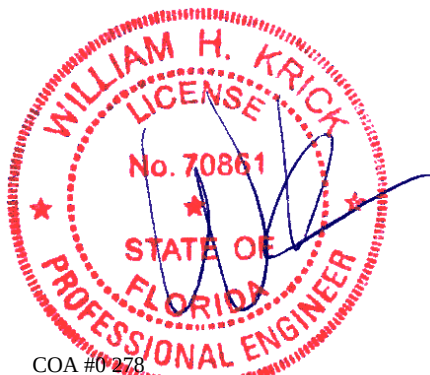
#### Gable Reinforcement

(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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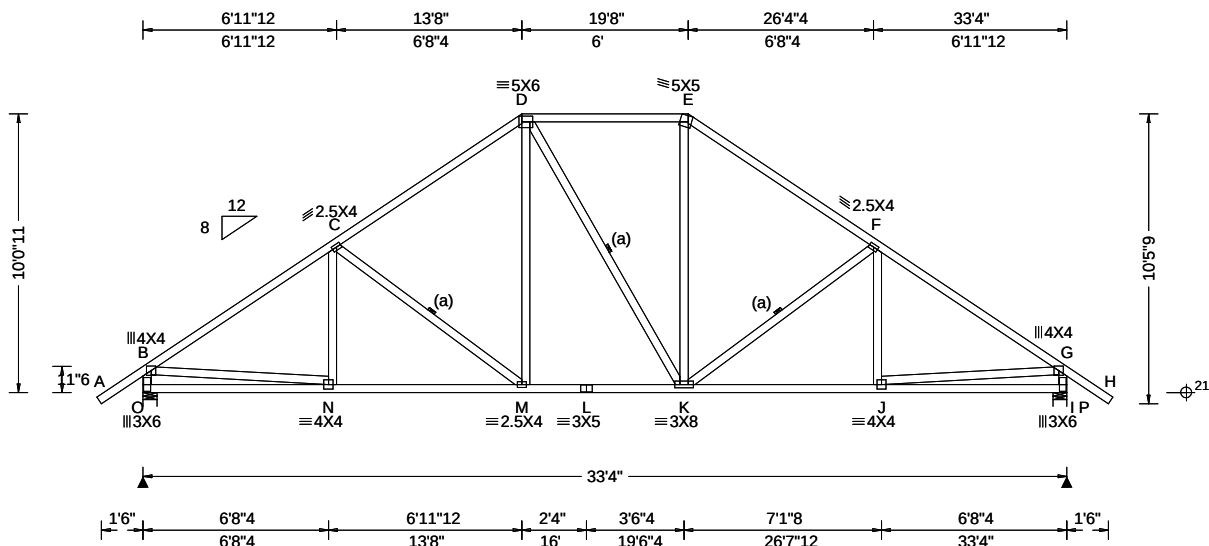
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087973 COMN<br>FROM: | Ply: 1<br>Qty: 3 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T28 | Cust: R 2327 JRef: 1YK523270002 T67<br>DrwNo: 135.26.0858.33667<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                                 | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 26.95 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.33 ft<br>Loc. from endwall: not in 4.50 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.070 M 999 240<br>VERT(CL): 0.127 M 999 180<br>HORZ(LL): 0.026 G - -<br>HORZ(TL): 0.047 G - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.473<br>Max BC CSI: 0.414<br>Max Web CSI: 0.529<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>O 1447 - / - / - /694 /637 /433<br>P 1439 - / - / - /694 /637 -<br>Wind reactions based on MWFRS<br>O Brg Wid = 6.0 Min Req = 1.7 (Truss)<br>P Brg Wid = 6.0 Min Req = 1.7 (Truss)<br>Bearings O & P are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 792 -1872 E - F 771 -1509<br>C - D 775 -1529 F - G 792 -1860<br>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

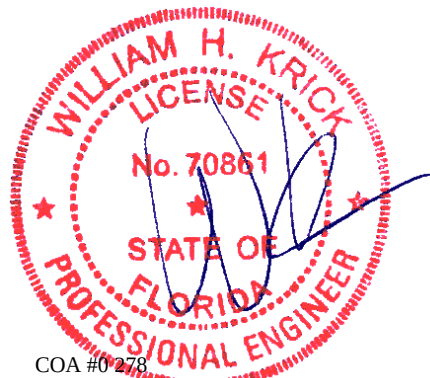
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.

#### 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.



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05/18/2026  
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| Lumber                                      | Blocking                                                                                                                                                                                                                                       | B - C | 1291 - 7120 | I - J | 1344 - 5636 |
|---------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|-------------|-------|-------------|
| Top chord: 2x6 SP #1; T3 2x4 SP #1;         | Apply additional nailing over the following bearings with fasteners at 9" oc perpendicular to grain and 4" oc parallel to grain. In lieu of additional nailing, apply blocking reinforcement to prevent buckling of members over the bearings: | C - D | 1352 - 7011 | J - K | 1579 - 6516 |
| Bot chord: 2x8 SP SS Dense;                 |                                                                                                                                                                                                                                                | D - E | 1318 - 6403 | K - L | 1591 - 6530 |
| Webbs: 2x4 SP #3; W5,W7,W11,W13 2x4 SP #1;  |                                                                                                                                                                                                                                                | E - F | 1305 - 6389 | L - M | 1784 - 7204 |
| Lt Slider: 2x4 SP #3; block length = 1.500' |                                                                                                                                                                                                                                                | F - G | 1245 - 5590 | M - N | 1827 - 7327 |
| Rt Slider: 2x4 SP #3; block length = 1.500' |                                                                                                                                                                                                                                                | G - H | 1031 - 4675 | N - O | 1848 - 7368 |

**Special Loads**  
 -----(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)  
 TC: From 57 plf at 0.00 to 57 plf at 33.33  
 BC: From 10 plf at 0.00 to 10 plf at 33.33  
 BC: 1768 lb Conc. Load at 1.27, 3.27, 5.27, 7.27  
 9.27,11.27  
 BC: 1942 lb Conc. Load at 13.27,15.27,17.27,19.27  
 21.27,23.27,25.27,27.27,29.27,31.27



| Maximum Web Forces Per Ply (lbs) |            |      |             |            |
|----------------------------------|------------|------|-------------|------------|
| Webs                             | Tens.Comp. | Webs | Tens. Comp. |            |
| Y - D                            | 975        | -2   | T - I       | 2893 - 649 |
| D - X                            | 69         | -933 | T - J       | 451 - 1612 |
| X - F                            | 1715       | -102 | J - R       | 1894 - 486 |
| F - V                            | 131        | 1463 | R - L       | 200 1005   |

All plates are 5X6 except as noted.

**Wind**

Wind loads and reactions based on MWFRS.

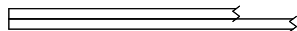
Wind loading based on both gable and hip roof types.

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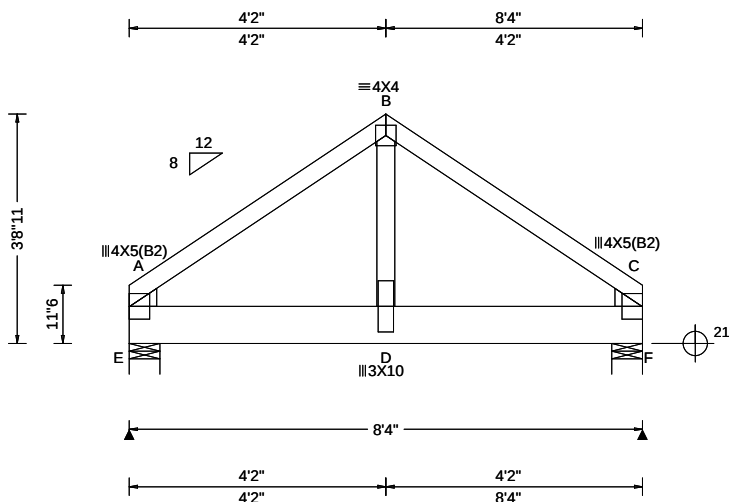
A red circular seal for a Professional Engineer in the State of Florida. The outer ring contains the text "STATE OF FLORIDA" at the top and "PROFESSIONAL ENGINEER" at the bottom. In the center, there is a blue ink signature. The seal is partially overlapping the text "COA #0278" and "05/18/2026".

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|                        |        |                   |                                     |
|------------------------|--------|-------------------|-------------------------------------|
| SEQN: 00000087975 COMN | Ply: 2 | Job Number: Z0540 | Cust: R 2327 JRef: 1YK523270002 T14 |
| FROM:                  | Qty: 1 | DILLON RES        | DrwNo: 135.26.0858.44427            |
|                        |        | Truss Label: T30  | JB / WHK 05/15/2026                 |



2 Complete Trusses Required



| Loading Criteria (psf)                                                                                                                            | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                                              | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                          |
|---------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 0.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 23.34 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.012 D 999 240<br>VERT(CL): 0.023 D 999 180<br>HORZ(LL): 0.001 C - -<br>HORZ(TL): 0.003 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.075<br>Max BC CSI: 0.156<br>Max Web CSI: 0.426<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>E 2136 /- /- /- /613 /-<br>F 2062 /- /- /- /582 /-<br>Wind reactions based on MWFRS<br>E Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>F Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Bearings E & F are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>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

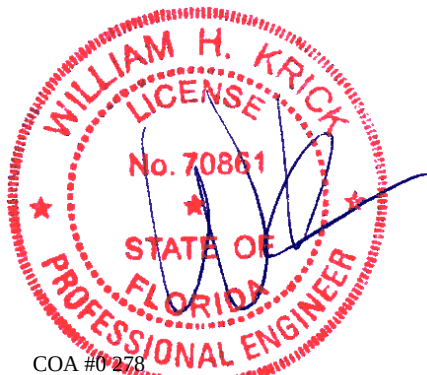
Nail Schedule: 0.128"x3", min. nails  
Top Chord: 1 Row @12.00" o.c.  
Bot Chord: 1 Row @ 3.50" o.c.  
Webs : 1 Row @ 4" o.c.  
Use equal spacing between rows and stagger nails  
in each row to avoid splitting.

#### 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.



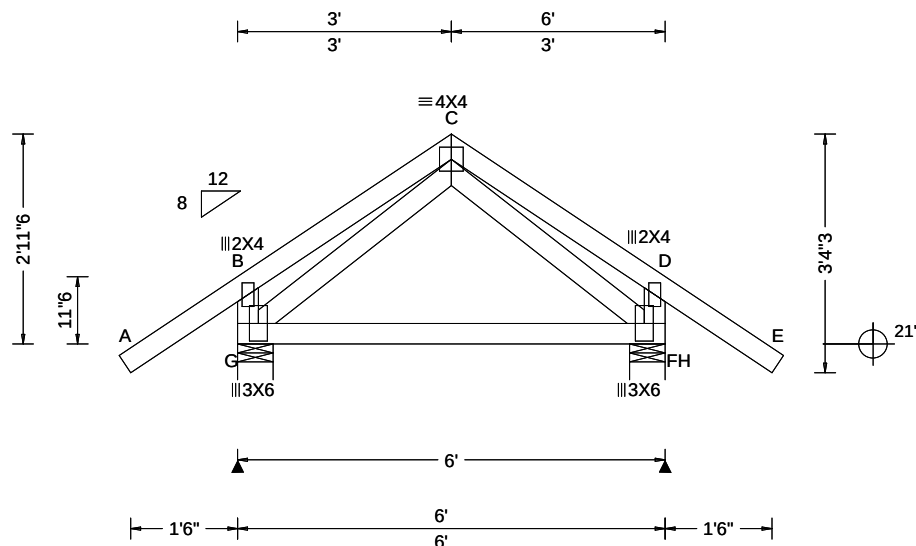
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|                                 |                  |                                                     |                                                                                       |
|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|
| SEQN: 00000087976 COMN<br>FROM: | Ply: 1<br>Qty: 3 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T31 | Cust: R 2327 JRef: 1YK523270002 T1<br>DrwNo: 135.26.0858.46953<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                  | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 22.39 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h to 2h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.001 C 999 240<br>VERT(CL): 0.001 C 999 180<br>HORZ(LL): 0.001 D - -<br>HORZ(TL): 0.003 D - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.267<br>Max BC CSI: 0.282<br>Max Web CSI: 0.195<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>G 328 -/- /129 /66 /129<br>H 328 -/- /129 /66 -/<br>Wind reactions based on MWFRS<br>G Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>H Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Bearings G & H are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Web Forces Per Ply (lbs)</b><br>Webs Tens.Comp. Webs Tens. Comp.<br>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.



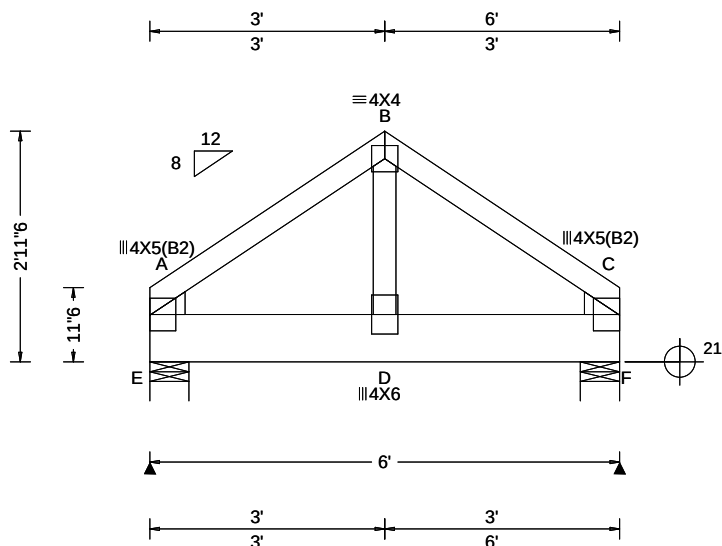
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| SEQN: 00000087977 COMN<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T32 | Cust: R 2327 JRef: 1YK523270002 T26<br>DrwNo: 135.26.0858.49430<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                                          | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 22.95 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.007 D 999 240<br>VERT(CL): 0.013 D 999 180<br>HORZ(LL): 0.001 C - -<br>HORZ(TL): 0.001 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.066<br>Max BC CSI: 0.133<br>Max Web CSI: 0.326<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>E 924 /- /- /- /303 /-<br>F 955 /- /- /- /311 /-<br>Wind reactions based on MWFRS<br>E Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>F Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Bearings E & F are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>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   |



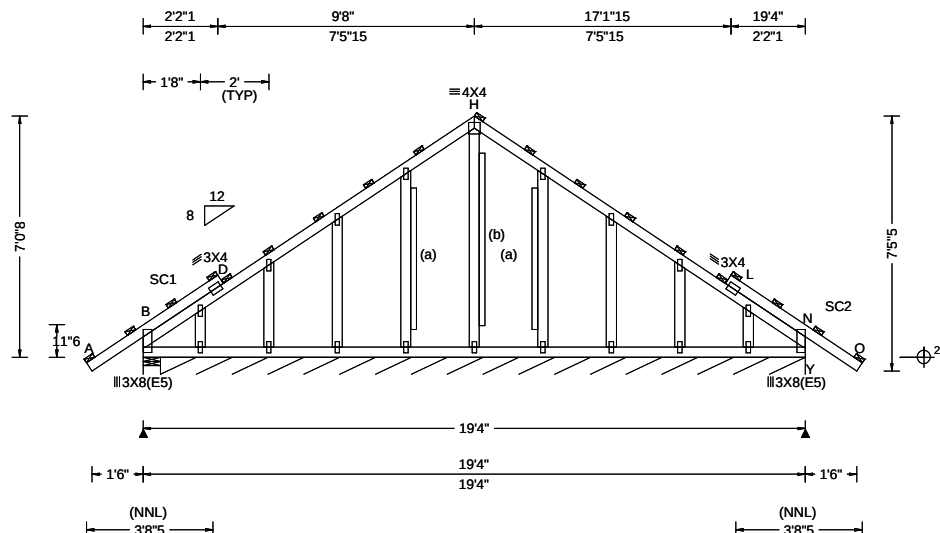
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|                                 |                  |                                                     |                                                                                       |
|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|
| SEQN: 00000087978 GABL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T33 | Cust: R 2327 JRef: 1YK523270002 T4<br>DrwNo: 135.26.0858.52260<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                         | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 24.44 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.001 L 999 240<br>VERT(CL): 0.002 L 999 180<br>HORZ(LL): 0.000 D - -<br>HORZ(TL): 0.007 N - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.217<br>Max BC CSI: 0.033<br>Max Web CSI: 0.910<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 215 /- /- /87 /93 /209<br>Y* 78 /- /- /41 /38 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Y Brg Wid = 226 Min Req = -<br>Bearings B & B are a rigid surface.<br>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.

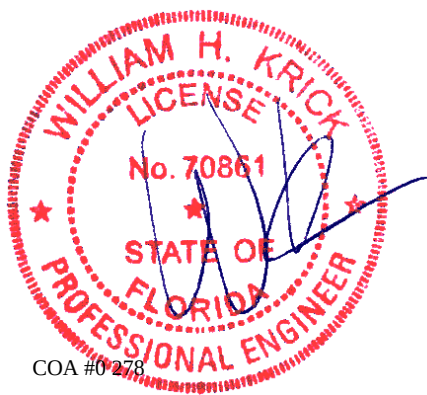
#### Gable Reinforcement

(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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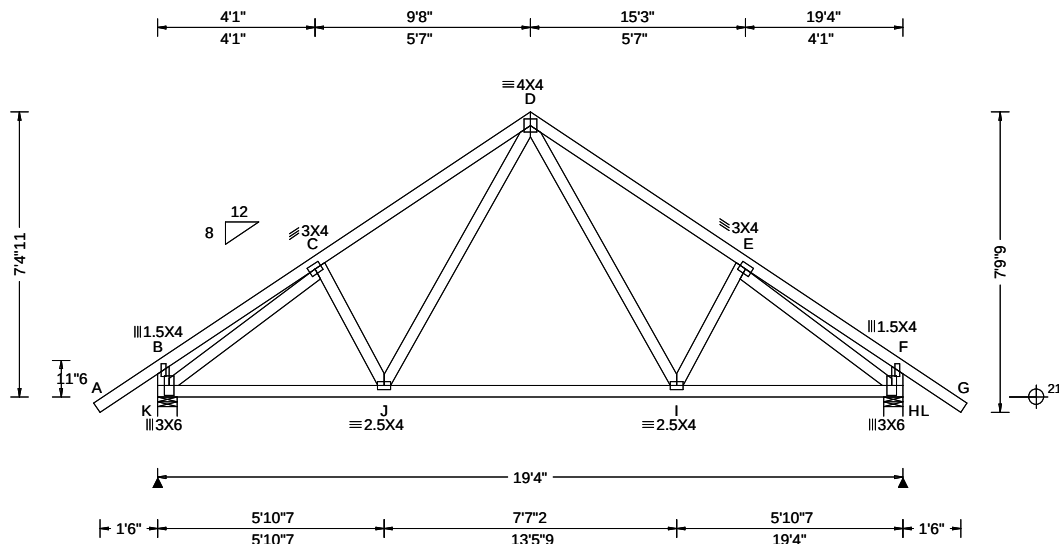
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|                                 |                   |                                                     |                                                                                       |
|---------------------------------|-------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|
| SEQN: 00000087979 COMN<br>FROM: | Ply: 1<br>Qty: 10 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T34 | Cust: R 2327 JRef: 1YK523270002 T3<br>DrwNo: 135.26.0858.54240<br>JB / WHK 05/15/2026 |
|---------------------------------|-------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                         | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 24.61 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.025 J 999 240<br>VERT(CL): 0.045 J 999 180<br>HORZ(LL): 0.015 F - -<br>HORZ(TL): 0.026 F - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.310<br>Max BC CSI: 0.412<br>Max Web CSI: 0.536<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>K 906 /- /- /390 /406 /280<br>L 906 /- /- /390 /406 /-<br>Wind reactions based on MWFRS<br>K Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>L Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Bearings K & L are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>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.

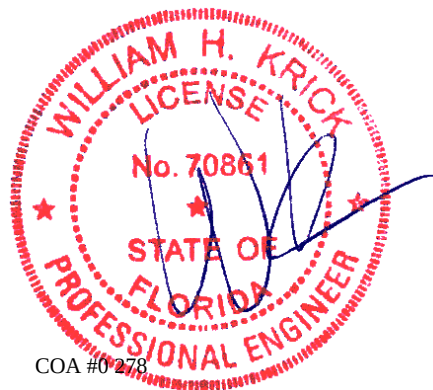
Wind loading based on both gable and hip roof types.

#### 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   |



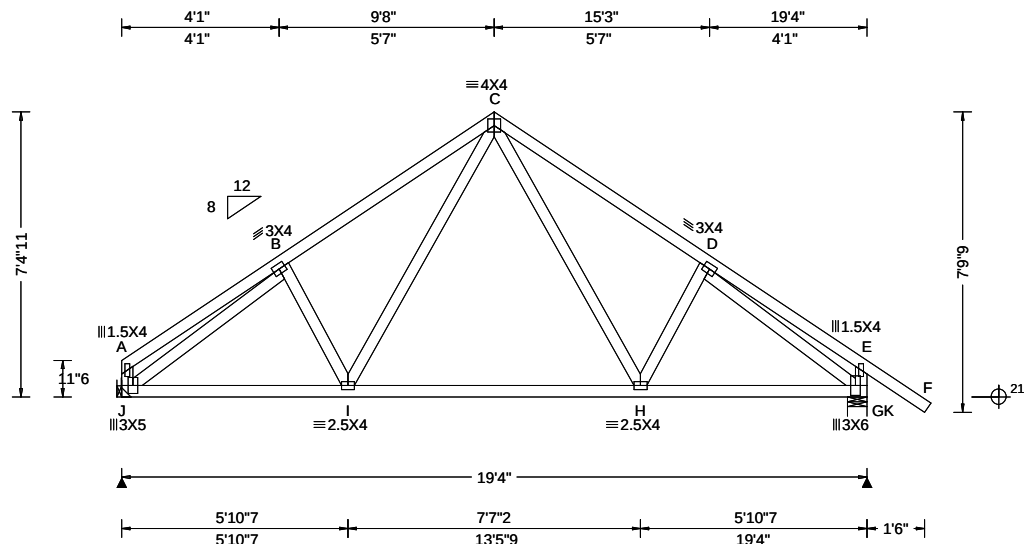
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|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|
| SEQN: 00000087980 COMN<br>FROM: | Ply: 1<br>Qty: 2 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T35 | Cust: R 2327 JRef: 1YK523270002 T7<br>DrwNo: 135.26.0858.57787<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 24.61 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.029 I 999 240<br>VERT(CL): 0.039 I 999 180<br>HORZ(LL): 0.017 E - -<br>HORZ(TL): 0.023 E - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.218<br>Max BC CSI: 0.329<br>Max Web CSI: 0.473<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>J 739 -/- /- /402 /191 /296<br>K 844 -/- /- /390 /230 -/<br>Wind reactions based on MWFRS<br>J Brg Wid = - Min Req = -<br>K Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Bearing K is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>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.

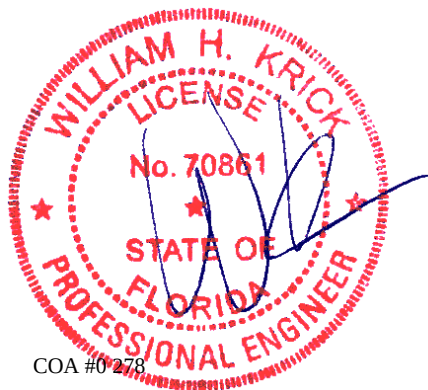
Wind loading based on both gable and hip roof types.

#### 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    |



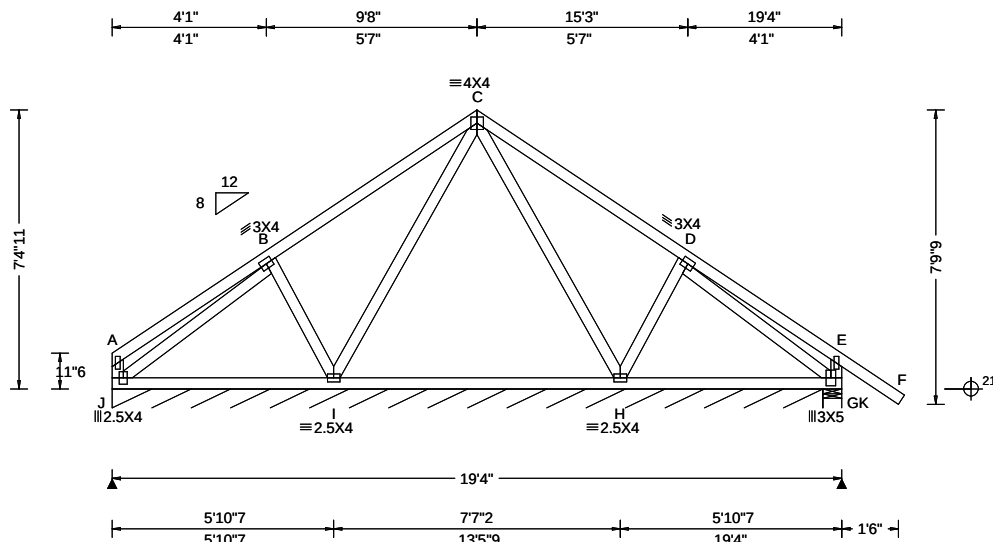
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|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|
| SEQN: 00000087981 COMN<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T36 | Cust: R 2327 JRef: 1YK523270002 T6<br>DrwNo: 135.26.0859.00040<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 24.61 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.002 C 999 240<br>VERT(CL): 0.003 C 999 180<br>HORZ(LL): 0.002 E - -<br>HORZ(TL): 0.006 E - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.278<br>Max BC CSI: 0.261<br>Max Web CSI: 0.215<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>J* 67 - / - /36 /17 /16<br>K 313 - / - /102 /93 -<br>Wind reactions based on MWFRS<br>J Brg Wid = 226 Min Req = -<br>K Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Bearings J & K are a rigid surface.<br>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

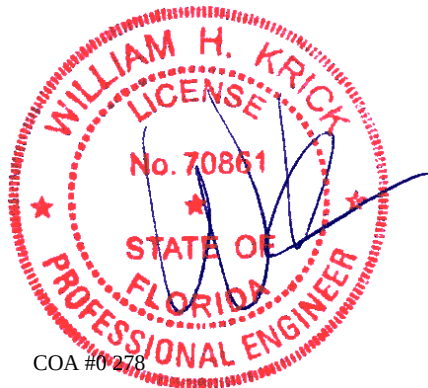
All plates are 1.5X4 except as noted.

#### 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.



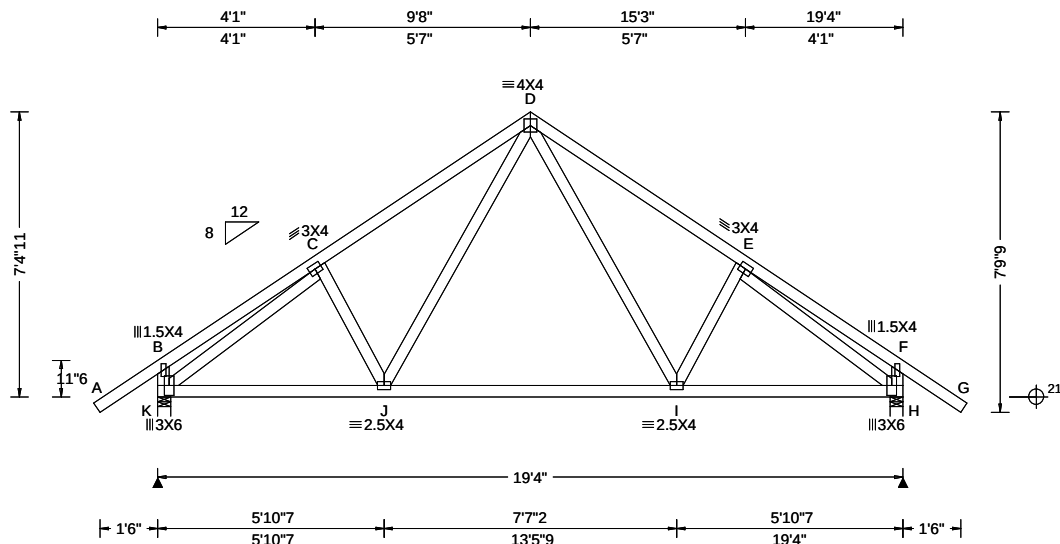
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|                                 |                  |                                                     |                                                                                       |
|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|
| SEQN: 00000087982 COMN<br>FROM: | Ply: 1<br>Qty: 2 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T37 | Cust: R 2327 JRef: 1YK523270002 T5<br>DrwNo: 135.26.0859.03233<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 24.61 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.021 J 999 240<br>VERT(CL): 0.038 J 999 180<br>HORZ(LL): 0.012 F - -<br>HORZ(TL): 0.023 F - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.220<br>Max BC CSI: 0.327<br>Max Web CSI: 0.468<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>K 840 /- /- /390 /229 /280<br>H 840 /- /- /390 /229 /-<br>Wind reactions based on MWFRS<br>K Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>H Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>Bearings K & H are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>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    |



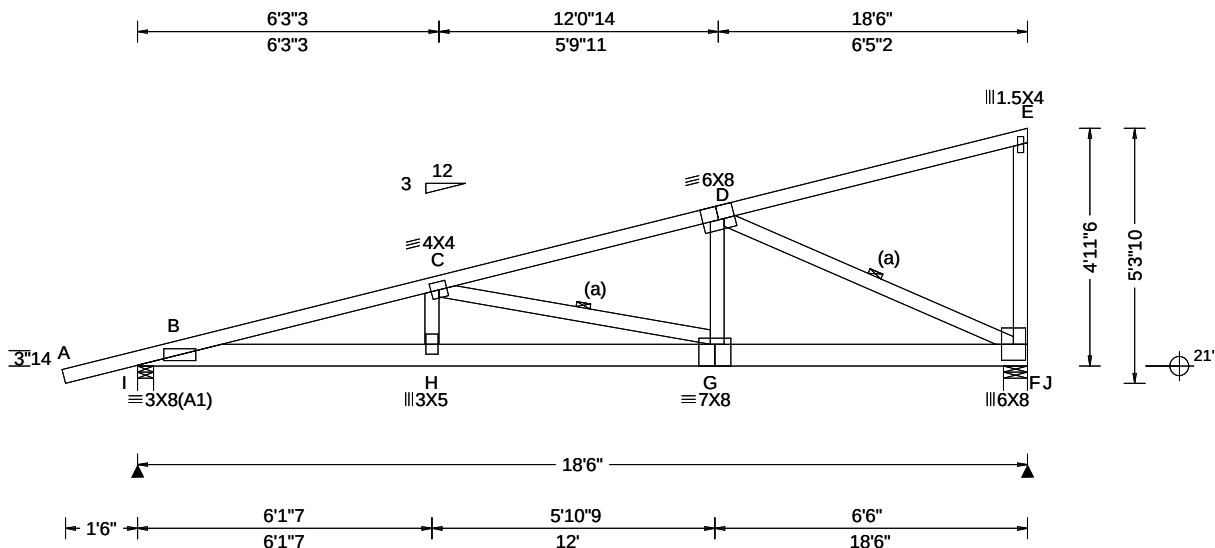
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|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087983 MONO<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T38 | Cust: R 2327 JRef: 1YK523270002 T42<br>DrwNo: 135.26.0859.05280<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                          | Defl/CSI Criteria                                                                                                                                                                                                                                                | Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 23.44 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 4.50 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.274 H 803 240<br>VERT(CL): 0.342 H 643 180<br>HORZ(LL): -0.053 E - -<br>HORZ(TL): 0.066 E - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.536<br>Max BC CSI: 0.951<br>Max Web CSI: 0.776<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh<br>Non-Gravity<br>/ Rw / U / RL<br>I 1415 /- /- /- /691 /177<br>J 1521 /- /- /- /677 /-<br>Wind reactions based on MWFRS<br>I Brg Wid = 4.0 Min Req = 1.7 (Truss)<br>J Brg Wid = 6.0 Min Req = 1.8 (Truss)<br>Bearings I & J are a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Top Chord Forces Per Ply (lbs)<br>Chords Tens.Comp. Chords Tens. Comp.<br>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.



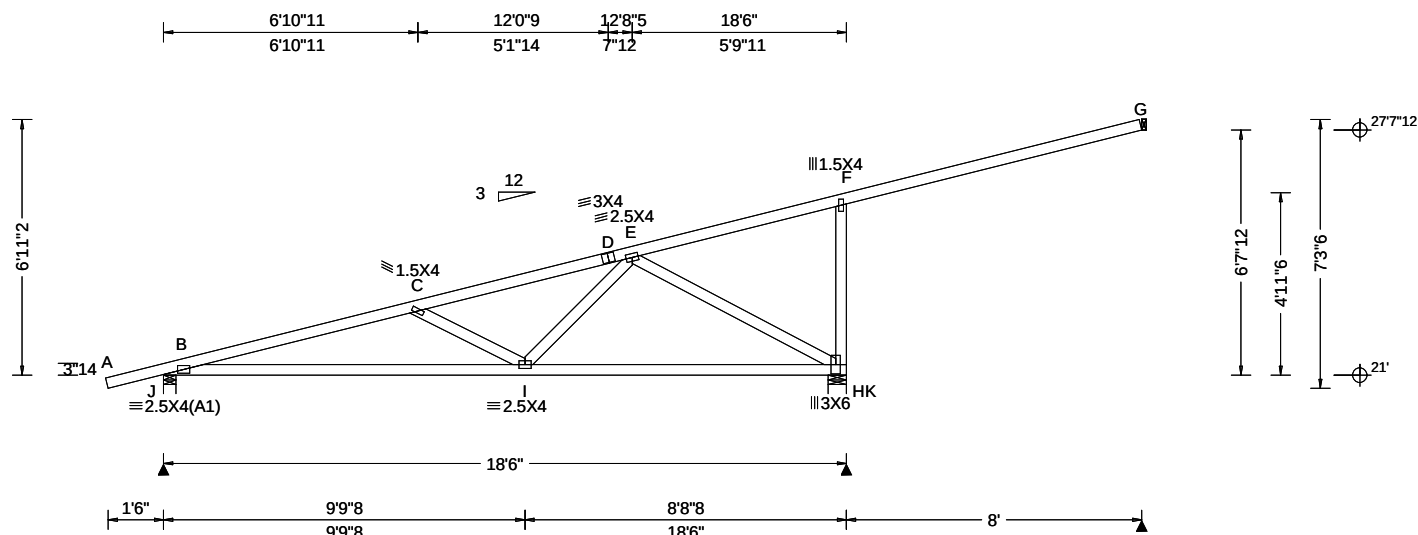
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|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087984 MONO<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T39 | Cust: R 2327 JRef: 1YK523270002 T41<br>DrwNo: 135.26.0859.08110<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 24.43 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.076 C 999 240<br>VERT(CL): 0.131 C 999 180<br>HORZ(LL): 0.019 H - -<br>HORZ(TL): 0.033 H - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.644<br>Max BC CSI: 0.726<br>Max Web CSI: 0.792<br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>J 780 /- /- /337 /330 /387<br>K 956 /- /- /412 /627 /-<br>G 179 /- /- /50 /163 /-<br>Wind reactions based on MWFRS<br>J Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>K Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>G Brg Wid = 1.5 Min Req = -<br>Bearings J & K are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>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

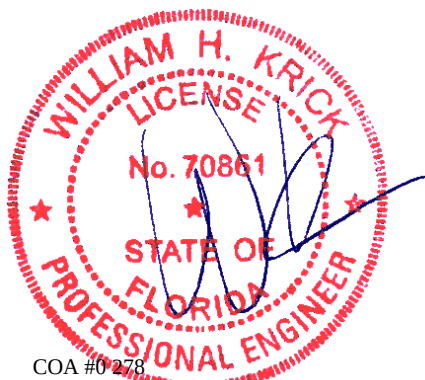
Provide hanger or special connection at top chord.  
Provide hanger or special connection at bottom chord.

#### Maximum Bot Chord Forces Per Ply (lbs)

| Chords | Tens.Comp. | Chords | Tens. Comp. |
|--------|------------|--------|-------------|
| B - I  | 1677 -926  | I - H  | 840 -434    |

#### Maximum Web Forces Per Ply (lbs)

| Webs  | Tens.Comp. | Webs  | Tens. Comp. |
|-------|------------|-------|-------------|
| C - I | 439 -505   | E - H | 495 -957    |
| I - E | 690 -170   | F - H | 424 -461    |



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|                                                       |  |                                                  |  |  |  |
|-------------------------------------------------------|--|--------------------------------------------------|--|--|--|
| <b>Lumber</b>                                         |  |                                                  |  |  |  |
| Top chord: 2x4 SP #1;                                 |  | B - C      615 - 1757      D - E      309 - 1264 |  |  |  |
| Bot chord: 2x4 SP #1;                                 |  | C - D      308 - 1332                            |  |  |  |
| Webs: 2x4 SP #3;                                      |  |                                                  |  |  |  |
| <b>Wind</b>                                           |  |                                                  |  |  |  |
| Member design based on both MWFRS and C&C.            |  |                                                  |  |  |  |
| Wind loading based on both gable and hip roof types.  |  |                                                  |  |  |  |
| <b>Additional Notes</b>                               |  |                                                  |  |  |  |
| Provide hanger or special connection at top chord.    |  |                                                  |  |  |  |
| Provide hanger or special connection at bottom chord. |  |                                                  |  |  |  |



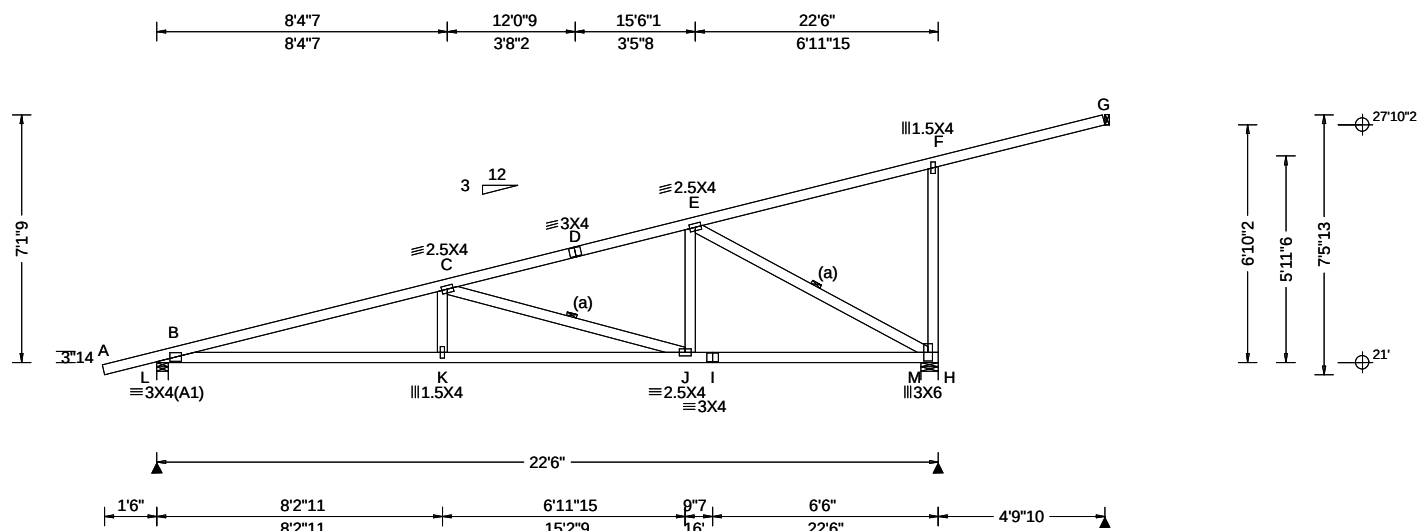
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087986 MONO<br>FROM: | Ply: 1<br>Qty: 6 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T41 | Cust: R 2327 JRef: 1YK523270002 T16<br>DrwNo: 135.26.0859.20380<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 24.53 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.171 C 999 240<br>VERT(CL): 0.229 K 999 180<br>HORZ(LL): 0.042 H - -<br>HORZ(TL): 0.057 H - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.523<br>Max BC CSI: 0.553<br>Max Web CSI: 0.431<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>L 928 /- /- /411 /370 /349<br>M 1013 /- /- /457 /487 /-<br>G 104 /-2 /- /23 /66 /-<br>Wind reactions based on MWFRS<br>L Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>M Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>G Brg Wid = 1.5 Min Req = -<br>Bearings L & M are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>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

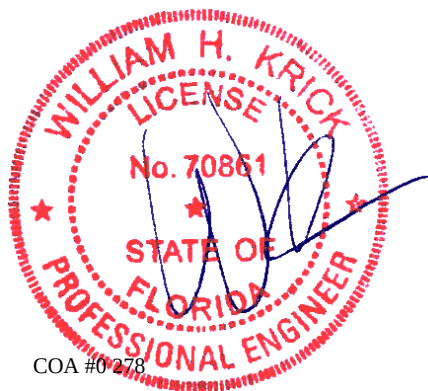
Provide hanger or special connection at top chord.  
Provide hanger or special connection at bottom chord.

#### 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    |       |             |



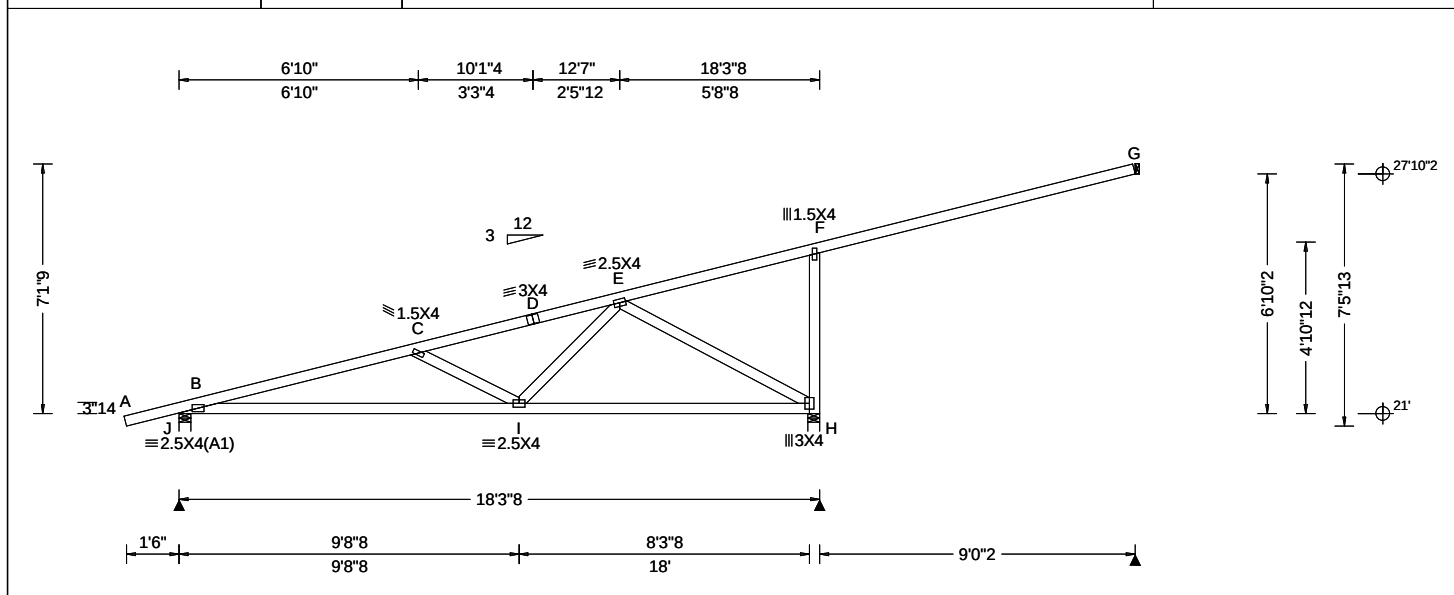
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087987 MONO<br>FROM: | Ply: 1<br>Qty: 6 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T42 | Cust: R 2327 JRef: 1YK523270002 T11<br>DrwNo: 135.26.0859.23777<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 24.53 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.074 C 999 240<br>VERT(CL): 0.128 C 999 180<br>HORZ(LL): 0.018 H - -<br>HORZ(TL): 0.032 H - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.809<br>Max BC CSI: 0.707<br>Max Web CSI: 0.753<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>J 772 /- /- /332 /294 /349<br>H 979 /- /- /413 /522 /-<br>G 201 /- /- /56 /151 /-<br>Wind reactions based on MWFRS<br>J Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>H Brg Wid = 4.0 Min Req = 1.5 (Support)<br>G Brg Wid = 1.5 Min Req = -<br>Bearings J & H are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp. |

|                                                                                     |                                                                                                                   |                                                                                                                                        |                                                                                                                                                                                                                                                                              |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Lumber</b><br>Top chord: 2x4 SP #1;<br>Bot chord: 2x4 SP #1;<br>Webs: 2x4 SP #3; | <b>Wind</b><br>Member design based on both MWFRS and C&C.<br>Wind loading based on both gable and hip roof types. | <b>Additional Notes</b><br>Provide hanger or special connection at top chord.<br>Provide hanger or special connection at bottom chord. | <b>Maximum Bot Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>B - I 1650 -690 I - H 821 -308<br><br><b>Maximum Web Forces Per Ply (lbs)</b><br>Webs Tens.Comp. Webs Tens. Comp.<br>C - I 362 -508 E - H 351 -937<br>I - E 683 -116 F - H 407 -508 |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



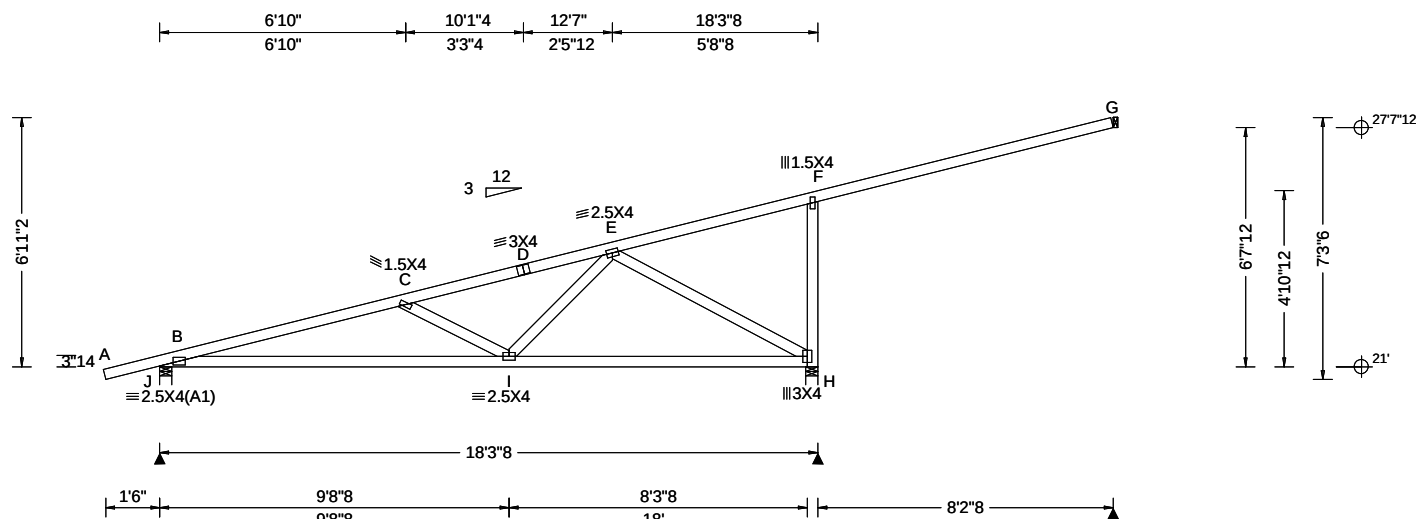
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087988 MONO<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T43 | Cust: R 2327 JRef: 1YK523270002 T15<br>DrwNo: 135.26.0859.26007<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 24.43 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.074 C 999 240<br>VERT(CL): 0.128 C 999 180<br>HORZ(LL): 0.018 H - -<br>HORZ(TL): 0.032 H - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.673<br>Max BC CSI: 0.707<br>Max Web CSI: 0.757<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>J 772 /- /- /333 /325 /387<br>H 950 /- /- /405 /632 /-<br>G 184 /- /- /51 /167 /-<br>Non-Gravity<br>Wind reactions based on MWFRS<br>J Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>H Brg Wid = 4.0 Min Req = 1.5 (Support)<br>G Brg Wid = 1.5 Min Req = -<br>Bearings J & H are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>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    |



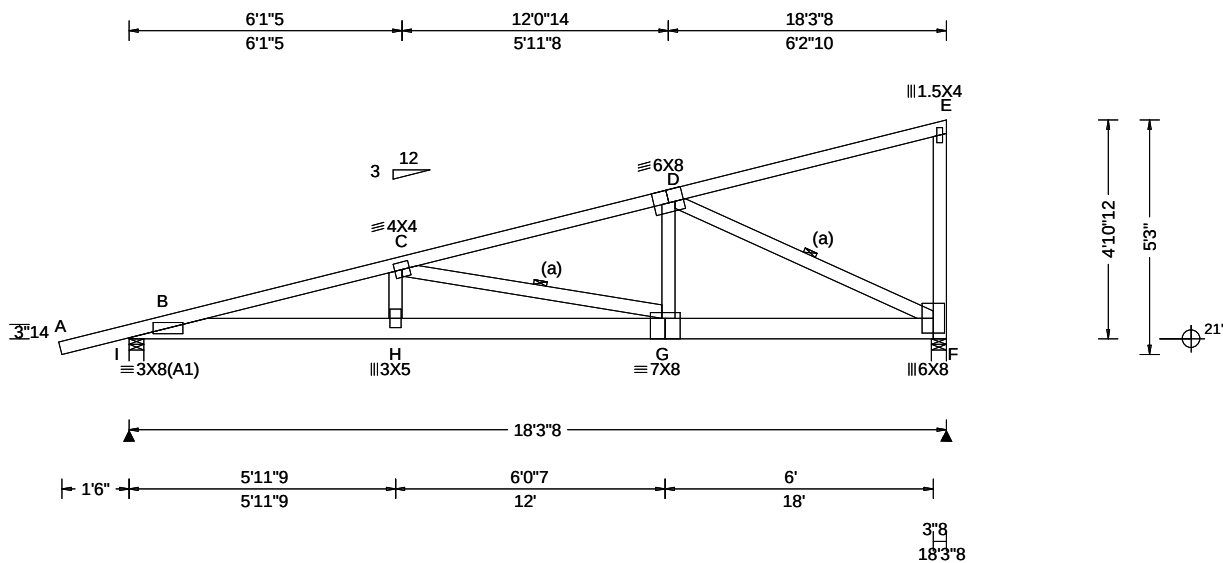
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|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087989 MONO<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T44 | Cust: R 2327 JRef: 1YK523270002 T27<br>DrwNo: 135.26.0859.30290<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                              | Defl/CSI Criteria                                                                                                                                                                                                                                                    | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                                                                      |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 23.41 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 4.50 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.184 H 999 240<br>VERT(CL): 0.338 H 644 180<br>HORZ(LL): -0.035 E - -<br>HORZ(TL): 0.064 E - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.503<br>Max BC CSI: 0.986<br>Max Web CSI: 0.728<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>I 1398 -/- /- /- /683 /175<br>F 1528 -/- /- /- /683 -/<br>Wind reactions based on MWFRS<br>I Brg Wid = 4.0 Min Req = 1.6 (Truss)<br>F Brg Wid = 4.0 Min Req = 1.5 (Support)<br>Bearings I & F are a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp. Chords Tens. Comp.<br>B - C 2089 -4526 C - D 1267 -2590 |

#### 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 18.29  
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

#### 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.



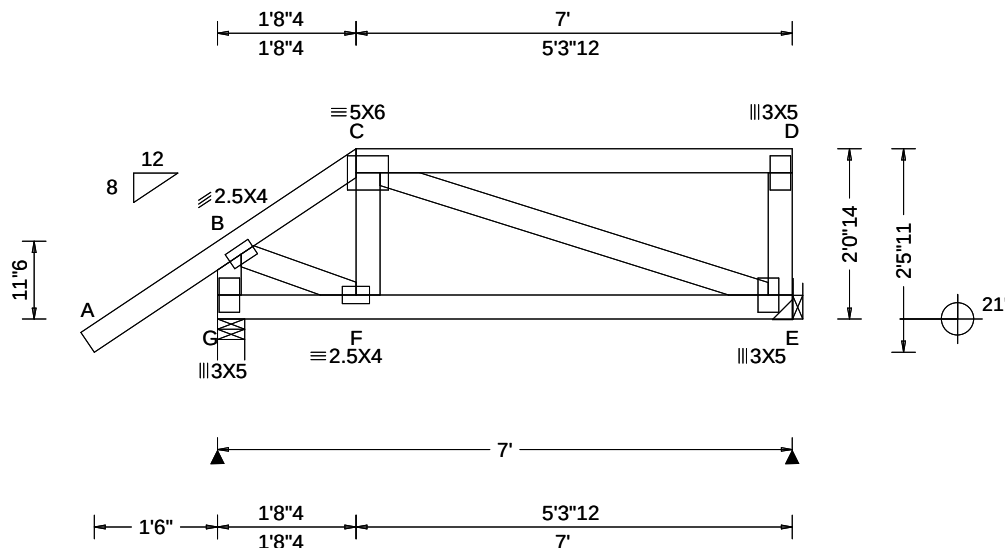
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|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087990 HIPM<br>FROM: | Ply: 1<br>Qty: 2 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T45 | Cust: R 2327 JRef: 1YK523270002 T13<br>DrwNo: 135.26.0855.10597<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                                           | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 21.96 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 4.50 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Varies by Ld Case<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.007 F 999 240<br>VERT(CL): 0.013 F 999 180<br>HORZ(LL): 0.004 C - -<br>HORZ(TL): 0.007 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.732<br>Max BC CSI: 0.408<br>Max Web CSI: 0.323<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>G 749 /- /- /- /288 /38<br>E 606 /- /- /- /231 /-<br>Wind reactions based on MWFRS<br>G Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>E Brg Wid = - Min Req = -<br>Bearing G is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Top Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp.<br>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.



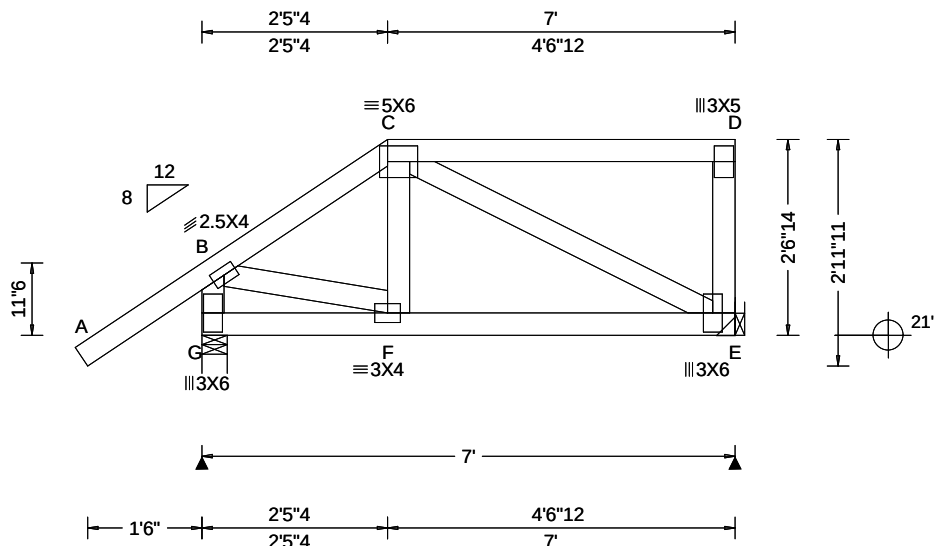
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087991 HIPM<br>FROM: | Ply: 1<br>Qty: 2 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T47 | Cust: R 2327 JRef: 1YK523270002 T22<br>DrwNo: 135.26.0859.33280<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 22.21 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.002 F 999 240<br>VERT(CL): 0.004 F 999 180<br>HORZ(LL): 0.001 E - -<br>HORZ(TL): 0.002 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.463<br>Max BC CSI: 0.141<br>Max Web CSI: 0.234<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>G 377 /- /- /146 /155 /169<br>E 258 /- /- /139 /131 /-<br>Wind reactions based on MWFRS<br>G Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>E Brg Wid = - Min Req = -<br>Bearing G is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Web Forces Per Ply (lbs)</b><br>Webs Tens.Comp.<br>B - G 527 -365 |

#### Lumber

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

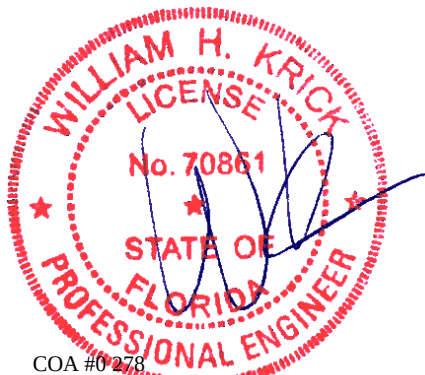
#### Wind

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.



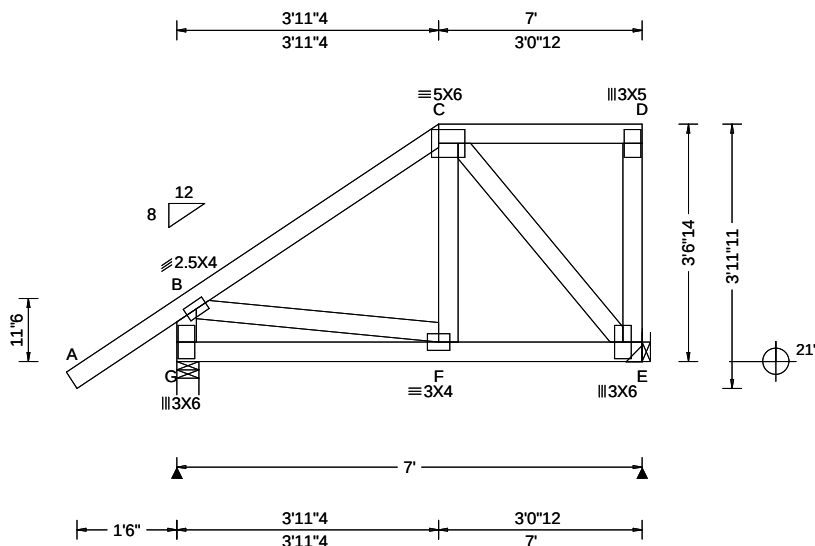
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087992 HIPM<br>FROM: | Ply: 1<br>Qty: 2 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T48 | Cust: R 2327 JRef: 1YK523270002 T24<br>DrwNo: 135.26.0859.36287<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 22.71 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.002 F 999 240<br>VERT(CL): 0.003 F 999 180<br>HORZ(LL): 0.000 E - -<br>HORZ(TL): 0.003 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.258<br>Max BC CSI: 0.097<br>Max Web CSI: 0.148<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>G 377 /- /- /152 /80 /179<br>E 258 /- /- /160 /119 /-<br>Wind reactions based on MWFRS<br>G Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>E Brg Wid = - Min Req = -<br>Bearing G is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Web Forces Per Ply (lbs)</b><br>Webs Tens.Comp.<br>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.



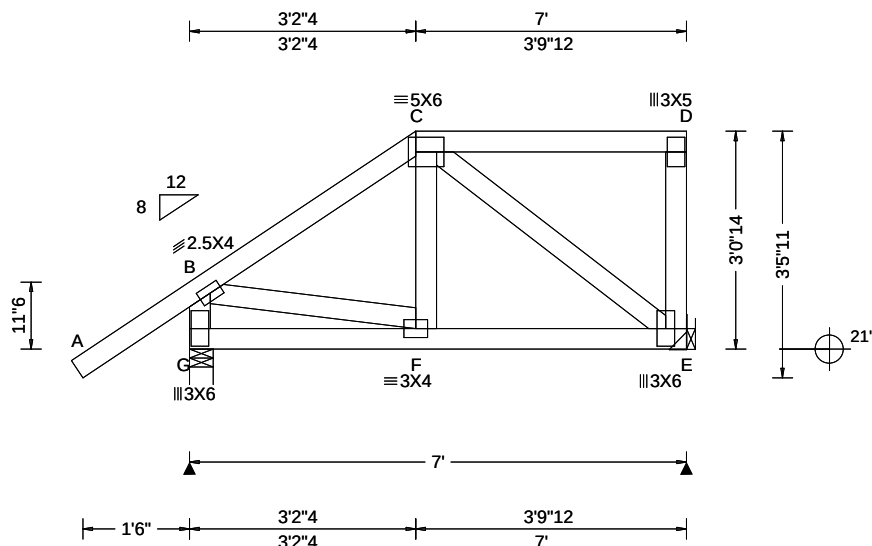
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|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087993 HIPM<br>FROM: | Ply: 1<br>Qty: 2 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T49 | Cust: R 2327 JRef: 1YK523270002 T23<br>DrwNo: 135.26.0859.38047<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                  | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 22.46 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/def L/#<br>VERT(LL): 0.002 F 999 240<br>VERT(CL): 0.004 F 999 180<br>HORZ(LL): 0.001 E - -<br>HORZ(TL): 0.003 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.317<br>Max BC CSI: 0.098<br>Max Web CSI: 0.175<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>G 377 /- /- /148 /90 /158<br>E 258 /- /- /149 /120 /-<br>Wind reactions based on MWFRS<br>G Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>E Brg Wid = - Min Req = -<br>Bearing G is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Web Forces Per Ply (lbs)</b><br>Webs Tens.Comp.<br>B - G 488 -353 |

#### Lumber

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

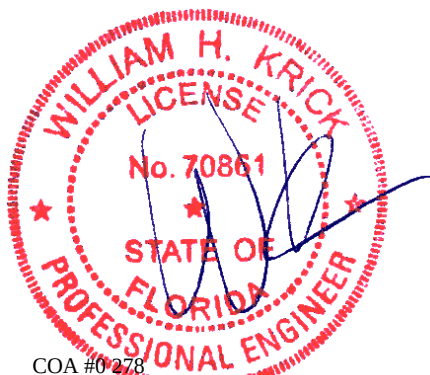
#### Wind

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.



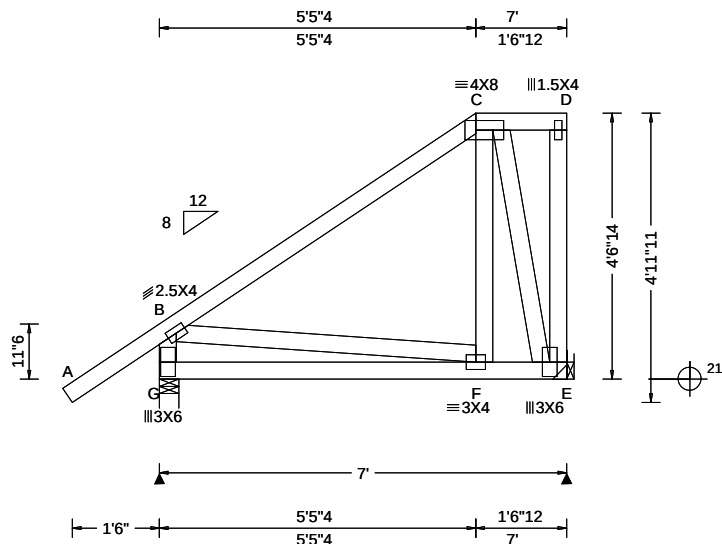
COA #0278

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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087994 HIPM<br>FROM: | Ply: 1<br>Qty: 2 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T50 | Cust: R 2327 JRef: 1YK523270002 T19<br>DrwNo: 135.26.0859.42903<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 23.21 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.002 F 999 240<br>VERT(CL): 0.004 F 999 180<br>HORZ(LL): 0.000 E - -<br>HORZ(TL): 0.006 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.462<br>Max BC CSI: 0.169<br>Max Web CSI: 0.197<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>G 377 /- /- /151 /57 /219<br>E 258 /- /- /189 /123 /-<br>Wind reactions based on MWFRS<br>G Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>E Brg Wid = - Min Req = -<br>Bearing G is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Bot Chord Forces Per Ply (lbs)</b><br>Chords Tens.Comp.<br>G - F 122 -488 |

#### Lumber

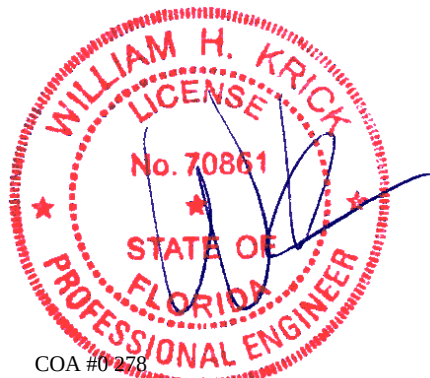
Top chord: 2x4 SP #1;  
Bot chord: 2x4 SP #1;  
Webs: 2x4 SP #3;

#### 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     |



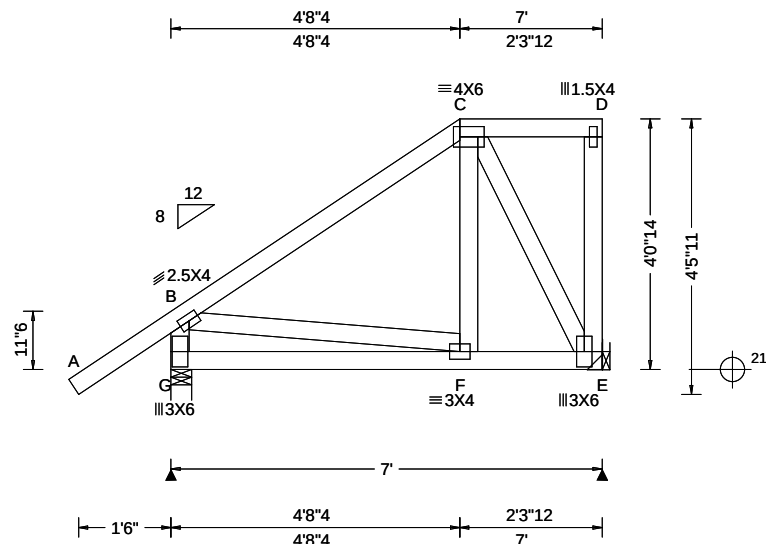
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087995 HIPM<br>FROM: | Ply: 1<br>Qty: 2 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T51 | Cust: R 2327 JRef: 1YK523270002 T25<br>DrwNo: 135.26.0859.44590<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs)                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 22.96 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: h/2 to h<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.002 F 999 240<br>VERT(CL): 0.003 F 999 180<br>HORZ(LL): 0.000 E - -<br>HORZ(TL): 0.003 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.338<br>Max BC CSI: 0.125<br>Max Web CSI: 0.153<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>G 377 /- /- /152 /69 /199<br>E 258 /- /- /174 /118 /-<br>Wind reactions based on MWFRS<br>G Brg Wid = 4.0 Min Req = 1.5 (Truss)<br>E Brg Wid = - Min Req = -<br>Bearing G is a rigid surface.<br>Members not listed have forces less than 375#<br>Maximum Bot Chord Forces Per Ply (lbs)<br>Chords Tens.Comp.<br>G - F 96 -418 |

#### Lumber

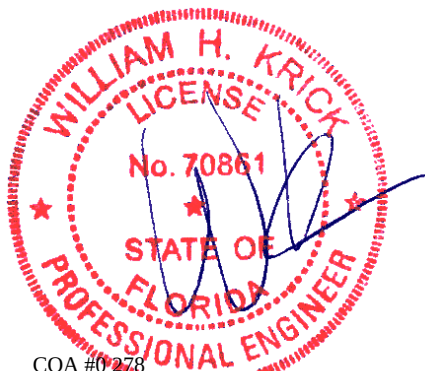
Top chord: 2x4 SP #1;  
Bot chord: 2x4 SP #1;  
Webs: 2x4 SP #3;

#### 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



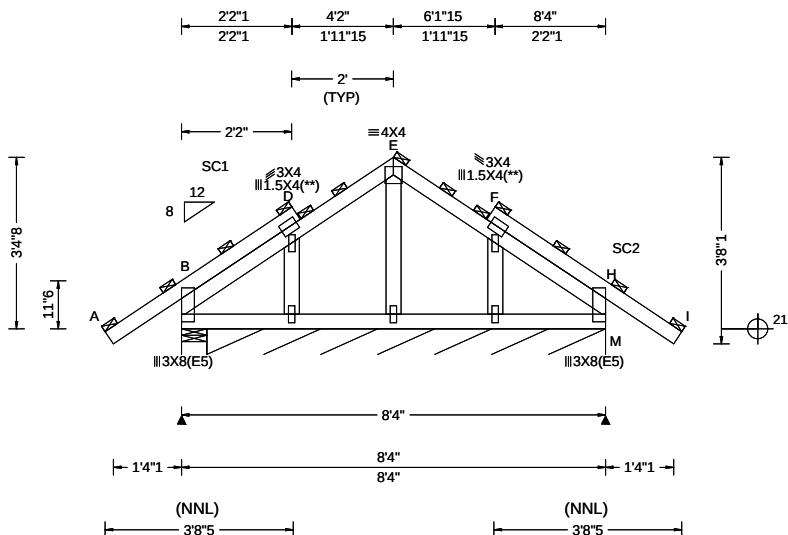
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|                                 |                  |                                                     |                                                                                        |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087996 GABL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T52 | Cust: R 2327 JRef: 1YK523270002 T96<br>DrwNo: 135.26.0859.48423<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                               | Defl/CSI Criteria                                                                                                                                                                                                                                                   | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 22.66 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/def L/#<br>VERT(LL): 0.001 H 999 240<br>VERT(CL): -0.002 H 999 180<br>HORZ(LL): 0.000 B - -<br>HORZ(TL): 0.003 H - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.229<br>Max BC CSI: 0.026<br>Max Web CSI: 0.269<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 198 /- /- /53 /79 /85<br>M* 79 /- /- /37 /17 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>M Brg Wid = 94.0 Min Req = -<br>Bearings B & B are a rigid surface.<br>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.

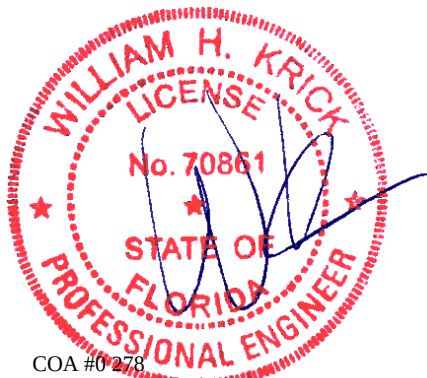
Wind loading based on both gable and hip roof types.

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.



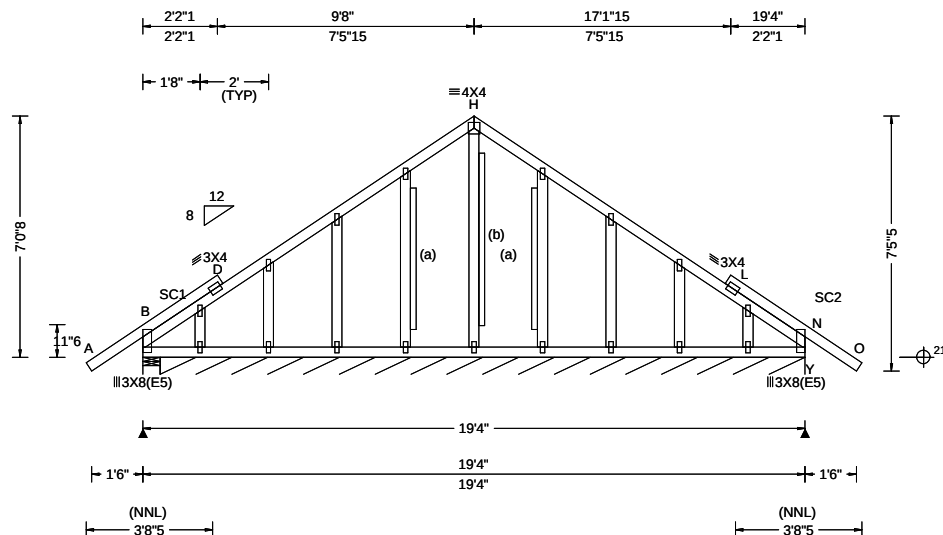
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|                                 |                  |                                                     |                                                                                       |
|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|
| SEQN: 00000087997 GABL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: T53 | Cust: R 2327 JRef: 1YK523270002 T2<br>DrwNo: 135.26.0859.50233<br>JB / WHK 05/15/2026 |
|---------------------------------|------------------|-----------------------------------------------------|---------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                         | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                           | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 24.44 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: No<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.001 L 999 240<br>VERT(CL): 0.002 L 999 180<br>HORZ(LL): 0.000 D - -<br>HORZ(TL): 0.007 N - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.215<br>Max BC CSI: 0.033<br>Max Web CSI: 0.910<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>B 215 /- /- /87 /93 /209<br>Y* 78 /- /- /41 /38 /-<br>Wind reactions based on MWFRS<br>B Brg Wid = 6.0 Min Req = 1.5 (Truss)<br>Y Brg Wid = 226 Min Req = -<br>Bearings B & B are a rigid surface.<br>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.

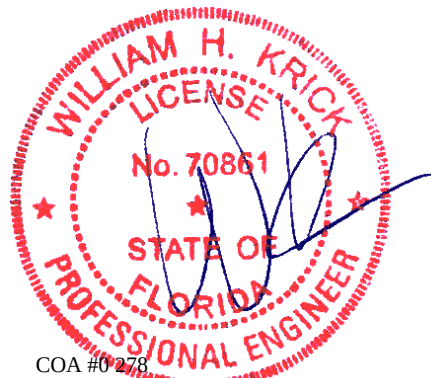
#### Gable Reinforcement

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



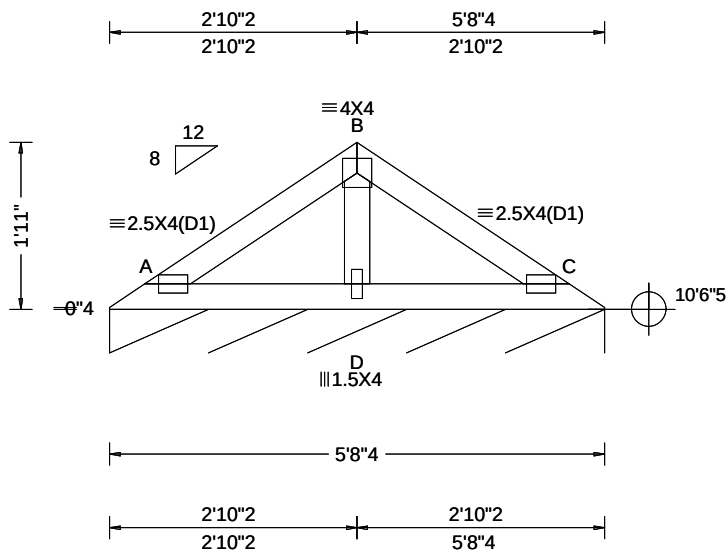
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|                                |                  |                                                    |                                                                                        |
|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087998 VAL<br>FROM: | Ply: 1<br>Qty: 3 | Job Number: Z0540<br>DILLON RES<br>Truss Label: V1 | Cust: R 2327 JRef: 1YK523270002 T52<br>DrwNo: 135.26.0900.07640<br>JB / WHK 05/15/2026 |
|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                         | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                                | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 15.00 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: Any<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.002 C 999 240<br>VERT(CL): 0.004 C 999 180<br>HORZ(LL): -0.001 C - -<br>HORZ(TL): 0.002 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.092<br>Max BC CSI: 0.084<br>Max Web CSI: 0.080<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>C* 76 /- /- /36 /15 /9<br>Wind reactions based on MWFRS<br>C Brg Wid = 68.3 Min Req = -<br>Bearing A is a rigid surface.<br>Members not listed have forces less than 375# |

#### Lumber

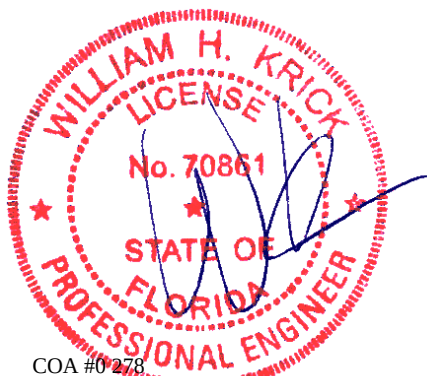
Top chord: 2x4 SP #1;  
Bot chord: 2x4 SP #1;  
Webs: 2x4 SP #3;

#### 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.



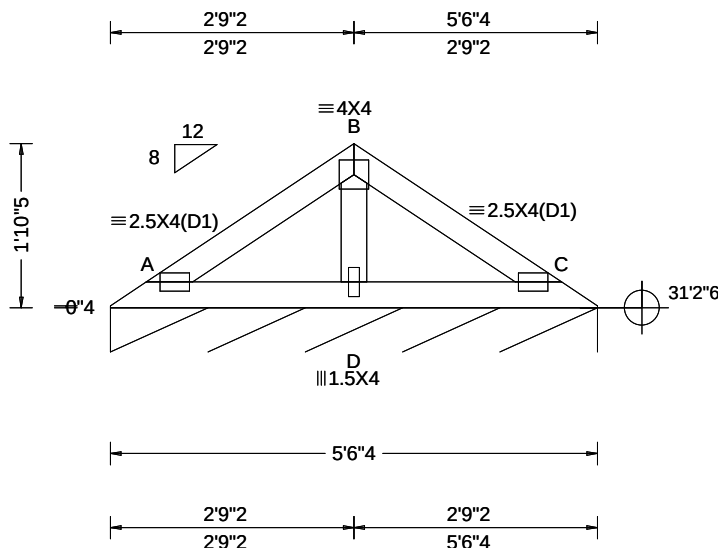
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|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000087999 VAL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: V2 | Cust: R 2327 JRef: 1YK523270002 T92<br>DrwNo: 135.26.0900.11407<br>JB / WHK 05/15/2026 |
|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg,Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                    | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 32.27 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 4.50 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT:20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.002 A 999 240<br>VERT(CL): 0.003 A 999 180<br>HORZ(LL): -0.001 C - -<br>HORZ(TL): 0.002 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.087<br>Max BC CSI: 0.080<br>Max Web CSI: 0.082<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>C* 76 /- /- /35 /34 /9<br>Wind reactions based on MWFRS<br>C Brg Wid = 66.3 Min Req = -<br>Bearing A is a rigid surface.<br>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.



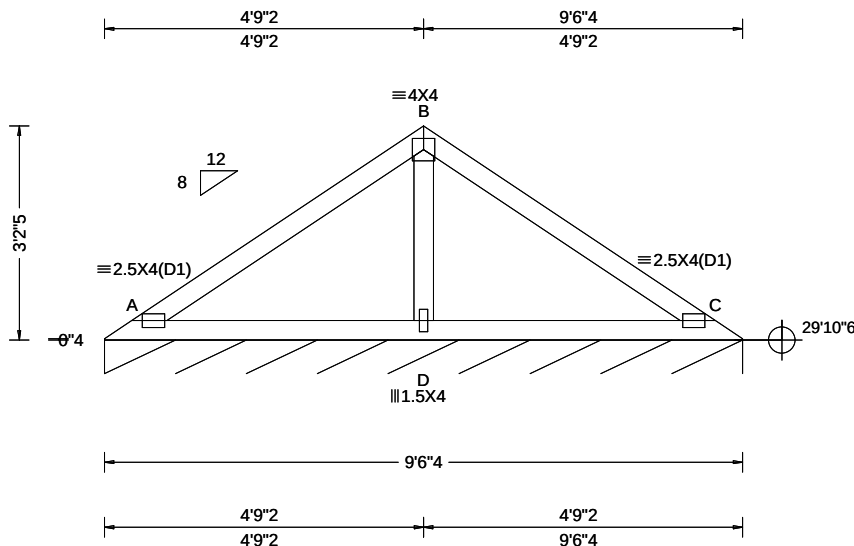
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|                                |                  |                                                    |                                                                                        |
|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000088000 VAL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: V3 | Cust: R 2327 JRef: 1YK523270002 T91<br>DrwNo: 135.26.0900.36393<br>JB / WHK 05/15/2026 |
|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                    | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCCL: 7.00<br>BCCL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 31.61 ft<br>TCCL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.009 A 999 240<br>VERT(CL): 0.017 A 999 180<br>HORZ(LL): -0.005 C - -<br>HORZ(TL): 0.009 C - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.243<br>Max BC CSI: 0.193<br>Max Web CSI: 0.145<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>C* 77 /- /- /37 /39 /10<br>Wind reactions based on MWFRS<br>C Brg Wid = 114 Min Req = -<br>Bearing A is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Web Forces Per Ply (lbs)</b><br>Webs Tens.Comp.<br>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.



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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): 0.001 C 999 240       | Loc R+ / R- / Rh / Rw / U / RL                |
| BCLL: 0.00             | Enclosure: Enclosed               | Lu: NA Cs: NA                | VERT(CL): 0.001 A 999 180       | E* 77 /- /- /37 /40 /11                       |
| BCDL: 10.00            | Risk Category: II                 | Snow Duration: NA            | HORZ(LL): -0.000 A - -          | Wind reactions based on MWFRS                 |
| Des Ld: 37.00          | EXP: C Kzt: NA                    |                              | HORZ(TL): 0.002 B - -           | E Brg Wid = 162 Min Req = -                   |
| NCBCLL: 10.00          | Mean Height: 30.94 ft             | Building Code:               | Creep Factor: 2.0               | Bearing A is a rigid surface.                 |
| Soffit: 2.00           | TCDL: 4.2 psf                     | FBC 8th Ed. 2023 Res.        | Max TC CSI: 0.174               | Members not listed have forces less than 375# |
| Load Duration: 1.25    | BCDL: 5.0 psf                     | TPI Std: 2014                | Max BC CSI: 0.082               |                                               |
| Spacing: 24.0 "        | MWFRS Parallel Dist: 0 to h/2     | Rep Fac: Yes                 | Max Web CSI: 0.100              |                                               |
|                        | C&C Dist a: 3.00 ft               | FT/RT:20(0)/10(0)            |                                 |                                               |
|                        | Loc. from endwall: not in 9.00 ft | Plate Type(s):               |                                 |                                               |
|                        | GCpi: 0.18                        | WAVE                         |                                 |                                               |
|                        | Wind Duration: 1.60               |                              | VIEW Ver: 24.02.00B.1106.21     |                                               |

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

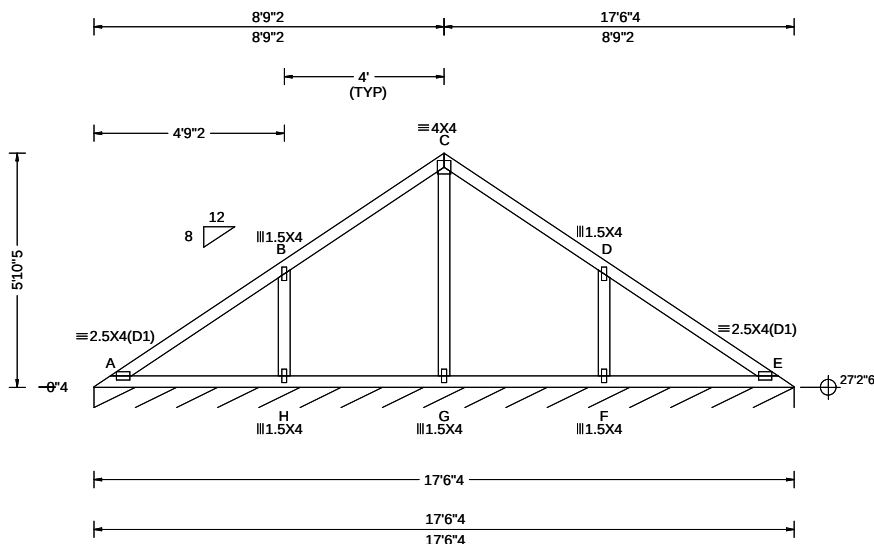
Member design based on both MWFRS and C&C.  
Wind loading based on both gable and hip roof types.  
See DWGS VALTN220723 and VAL180220723 for  
valley details.



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|                                |                  |                                                    |                                                                                        |
|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000088002 VAL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: V5 | Cust: R 2327 JRef: 1YK523270002 T89<br>DrwNo: 135.26.0904.40570<br>JB / WHK 05/15/2026 |
|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



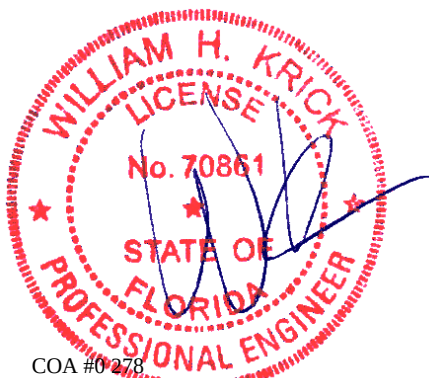
| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                    | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 30.27 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.007 E 999 240<br>VERT(CL): 0.014 E 999 180<br>HORZ(LL): -0.004 E - -<br>HORZ(TL): 0.007 E - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.224<br>Max BC CSI: 0.128<br>Max Web CSI: 0.156<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>E* 77 /- /- /37 /41 /11<br>Wind reactions based on MWFRS<br>E Brg Wid = 210 Min Req = -<br>Bearing A is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Web Forces Per Ply (lbs)</b><br>Webs Tens.Comp. Webs Tens. Comp.<br>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.



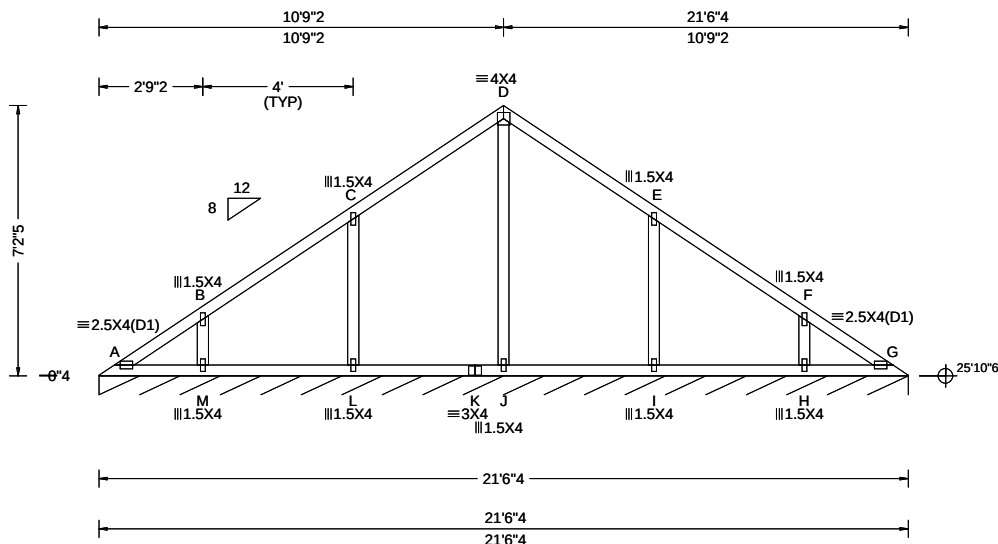
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|                                |                  |                                                    |                                                                                        |
|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000088003 VAL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: V6 | Cust: R 2327 JRef: 1YK523270002 T88<br>DrwNo: 135.26.0904.45563<br>JB / WHK 05/15/2026 |
|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                    | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                               | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 29.61 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCpi: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.001 D 999 240<br>VERT(CL): 0.002 G 999 180<br>HORZ(LL): 0.000 F - -<br>HORZ(TL): 0.005 E - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.183<br>Max BC CSI: 0.083<br>Max Web CSI: 0.151<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>G* 77 /- /- /37 /41 /11<br>Wind reactions based on MWFRS<br>G Brg Wid = 258 Min Req = -<br>Bearing A is a rigid surface.<br>Members not listed have forces less than 375#<br><b>Maximum Web Forces Per Ply (lbs)</b><br>Webs Tens.Comp. Webs Tens. Comp.<br>C - L 380 -262 I - E 380 -262 |

#### Lumber

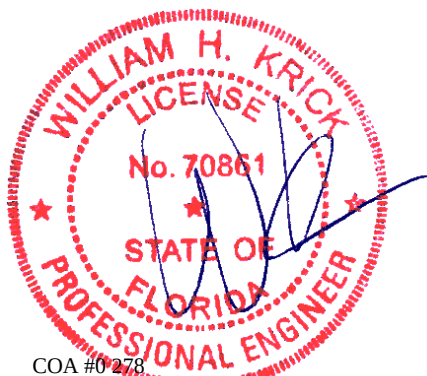
Top chord: 2x4 SP #1;  
Bot chord: 2x4 SP #1;  
Webs: 2x4 SP #3;

#### 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.



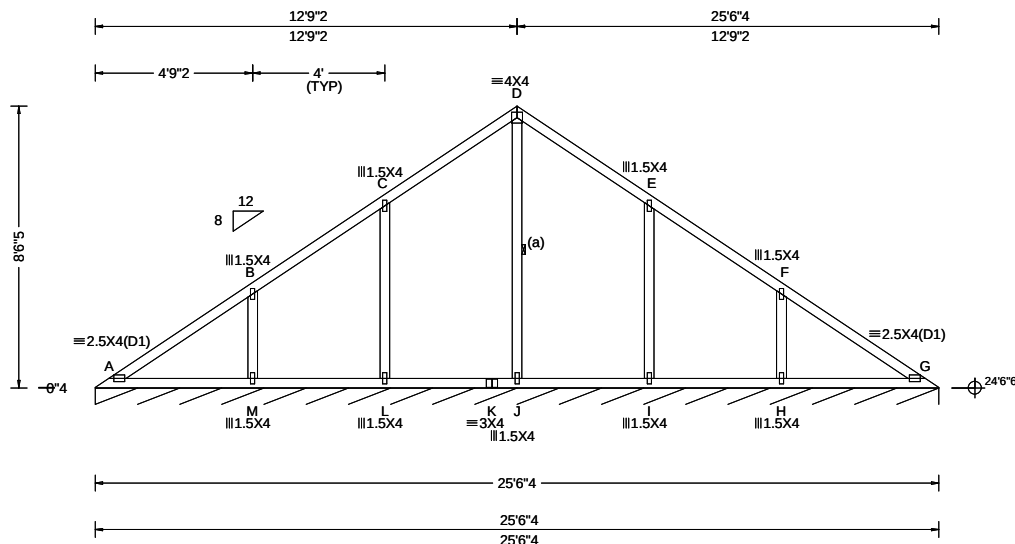
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|                                |                  |                                                    |                                                                                        |
|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000088004 VAL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: V7 | Cust: R 2327 JRef: 1YK523270002 T86<br>DrwNo: 135.26.0904.47507<br>JB / WHK 05/15/2026 |
|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                            | Defl/CSI Criteria                                                                                                                                                                                                                                                | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 28.94 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.008 G 999 240<br>VERT(CL): 0.016 G 999 180<br>HORZ(LL): -0.003 G - -<br>HORZ(TL): 0.009 G - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.176<br>Max BC CSI: 0.134<br>Max Web CSI: 0.154<br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>G* 77 /- /- /38 /40 /11<br>Wind reactions based on MWFRS<br>G Brg Wid = 306 Min Req = -<br>Bearing A is a rigid surface.<br>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.



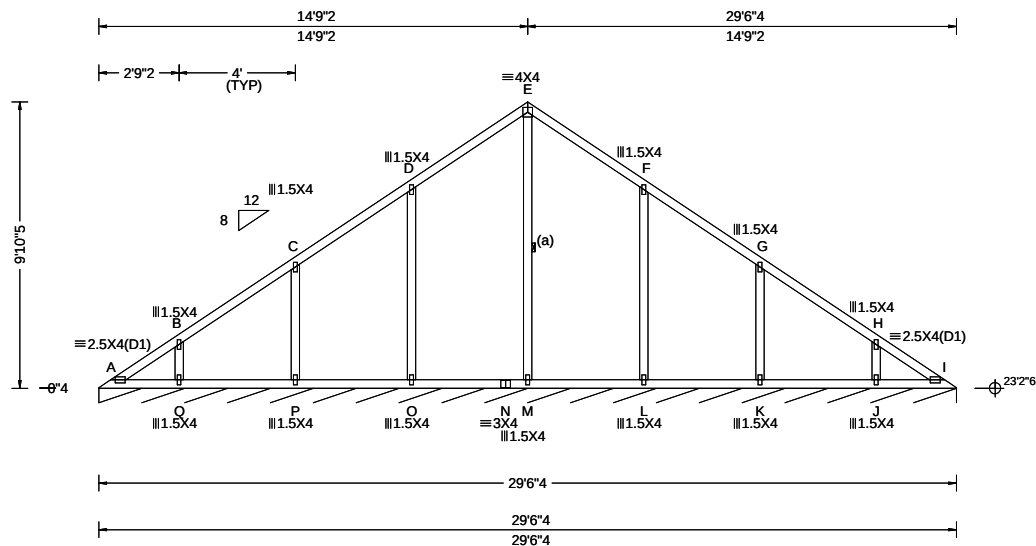
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|                                |                  |                                                    |                                                                                        |
|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|
| SEQN: 00000088005 VAL<br>FROM: | Ply: 1<br>Qty: 1 | Job Number: Z0540<br>DILLON RES<br>Truss Label: V8 | Cust: R 2327 JRef: 1YK523270002 T38<br>DrwNo: 135.26.0904.50567<br>JB / WHK 05/15/2026 |
|--------------------------------|------------------|----------------------------------------------------|----------------------------------------------------------------------------------------|



| Loading Criteria (psf)                                                                                                                             | Wind Criteria                                                                                                                                                                                                                                                                                   | Snow Criteria (Pg, Pf in PSF)                                                                                                                                                                                | Defl/CSI Criteria                                                                                                                                                                                                                                                    | ▲ Maximum Reactions (lbs), or *=PLF                                                                                                                                                                                                |
|----------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| TCLL: 20.00<br>TCDL: 7.00<br>BCLL: 0.00<br>BCDL: 10.00<br>Des Ld: 37.00<br>NCBCLL: 10.00<br>Soffit: 2.00<br>Load Duration: 1.25<br>Spacing: 24.0 " | Wind Std: ASCE 7-22<br>Speed: 140 mph<br>Enclosure: Enclosed<br>Risk Category: II<br>EXP: C Kzt: NA<br>Mean Height: 28.27 ft<br>TCDL: 4.2 psf<br>BCDL: 5.0 psf<br>MWFRS Parallel Dist: 0 to h/2<br>C&C Dist a: 3.00 ft<br>Loc. from endwall: not in 9.00 ft<br>GCp: 0.18<br>Wind Duration: 1.60 | Pg: NA Ct: NA CAT: NA<br>Pf: NA Ce: NA<br>Lu: NA Cs: NA<br>Snow Duration: NA<br><br>Building Code:<br>FBC 8th Ed. 2023 Res.<br>TPI Std: 2014<br>Rep Fac: Yes<br>FT/RT: 20(0)/10(0)<br>Plate Type(s):<br>WAVE | PP Deflection in loc L/defl L/#<br>VERT(LL): 0.003 D 999 240<br>VERT(CL): -0.004 F 999 180<br>HORZ(LL): 0.001 H - -<br>HORZ(TL): 0.010 F - -<br>Creep Factor: 2.0<br>Max TC CSI: 0.185<br>Max BC CSI: 0.081<br>Max Web CSI: 0.240<br><br>VIEW Ver: 24.02.00B.1106.21 | Gravity Non-Gravity<br>Loc R+ / R- / Rh / Rw / U / RL<br>I* 77 /- /- /38 /40 /11<br>Wind reactions based on MWFRS<br>I Brg Wid = 354 Min Req = -<br>Bearing A is a rigid surface.<br>Members not listed have forces less than 375# |

#### Lumber

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

#### Reinforcement

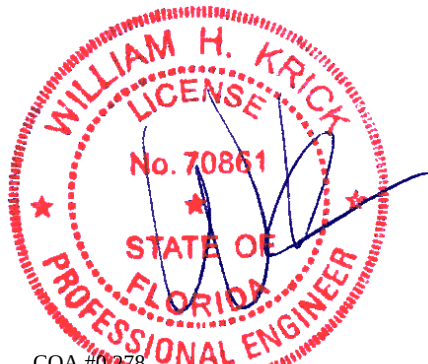
(a) Continuous lateral restraint equally spaced on member.

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

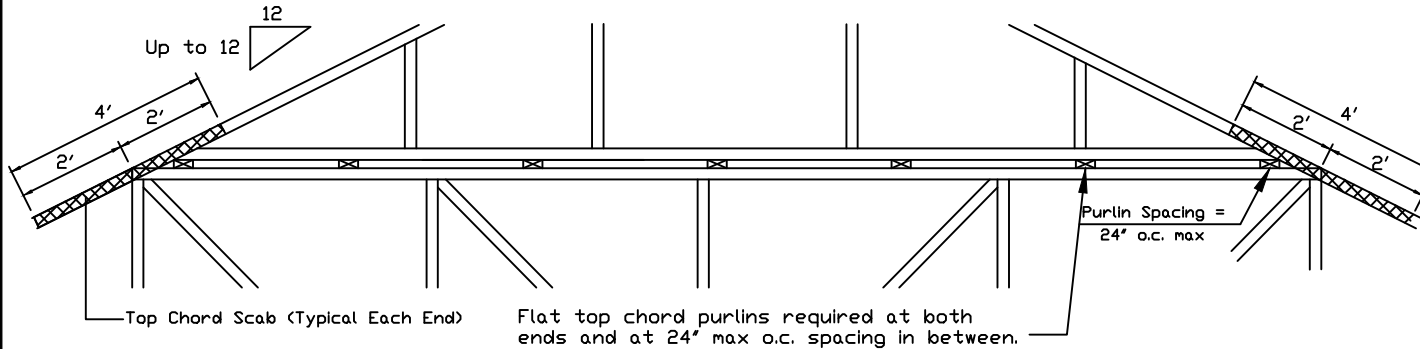
160 mph Wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp C, Wind DL= 5.0 psf (min), Kzt=1.0.  
Or 140 mph wind, 30.00 ft Mean Hgt, ASCE 7-22, Enclosed Bldg. located anywhere in roof, Exp D, wind DL= 5.0 psf (min), Kzt=1.0.

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

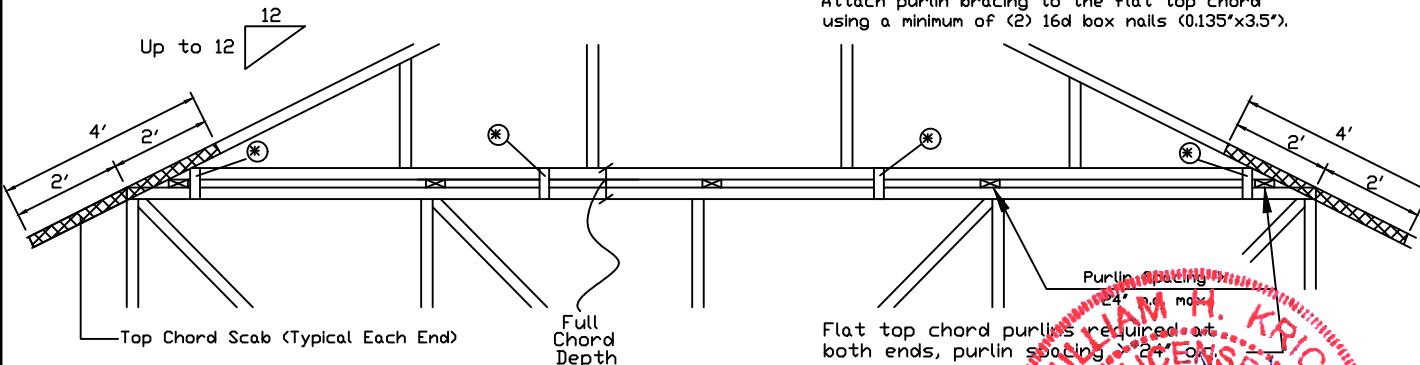


Piggyback cap truss slant nailed to all top chord purlin bracing with (2) 16d box nails (0.135"x3.5") and secure top chord with 2x4 #3 grade scab (1 side only at each end) attached with 2 rows of 10d box nails (0.128"x3") at 4' o.c.

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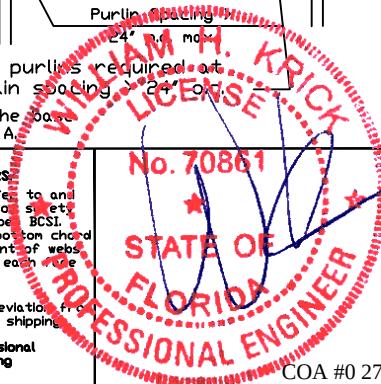
Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation & bracing of trusses.

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ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinet.org](http://www.tpinet.org); SBCA: [www.sbcacomponents.com](http://www.sbcacomponents.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)



155 Harlem Ave  
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COA #0 278

Florida Certified Product Approver

05/18/2026

SPACING 24"

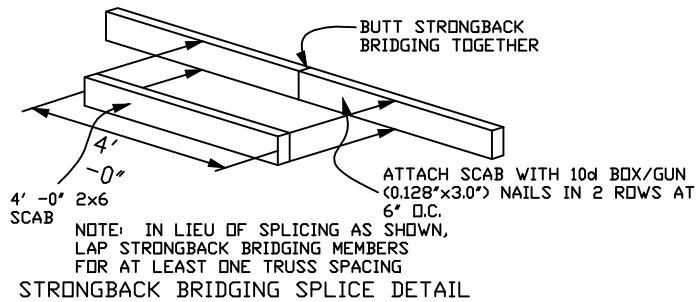
REF PIGGYBACK

DATE 07/03/2023

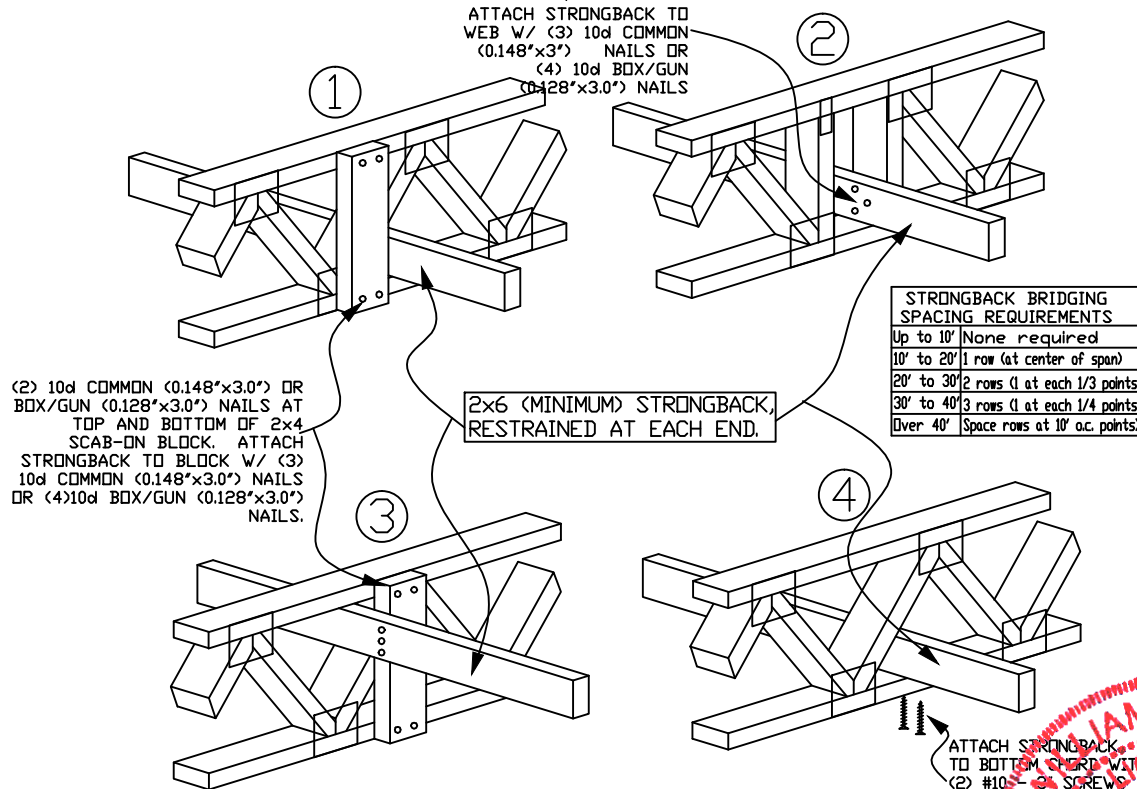
DRWG PB160220723

#FL 1999

# STRONGBACK BRIDGING RECOMMENDATIONS



NOTE: Details 1 and 2 are the preferred attachment methods



## STRONGBACK BRIDGING ATTACHMENT ALTERNATIVES

- 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.)
- 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).



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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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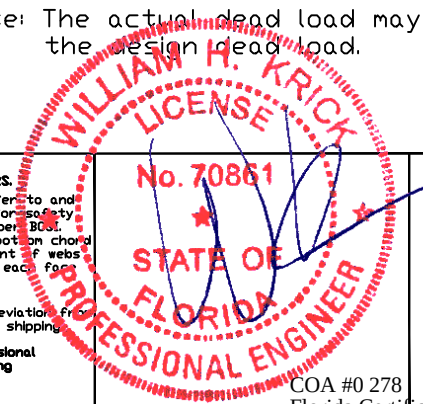
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COA #0 278

05/18/2026

Florida Certificate of Product Approval #FL 1999

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

# 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.

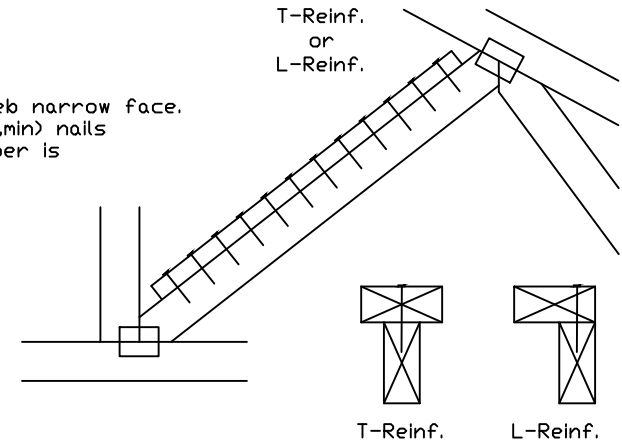
| Web Member Size | Specified CLR Restraint | Alternative Reinforcement T- or L- Reinf. | Scab Reinf. |
|-----------------|-------------------------|-------------------------------------------|-------------|
| 2x3 or 2x4      | 1 row                   | 2x4                                       | 1-2x4       |
| 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.

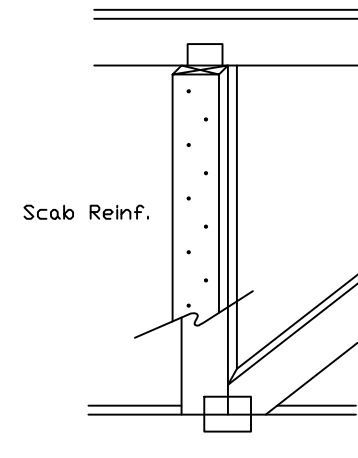
## T-Reinforcement or L-Reinforcement:

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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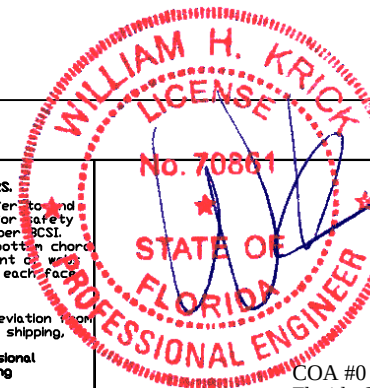
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|                                                 |                |      |              |
|-------------------------------------------------|----------------|------|--------------|
| TC LL                                           | PSF            | 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.

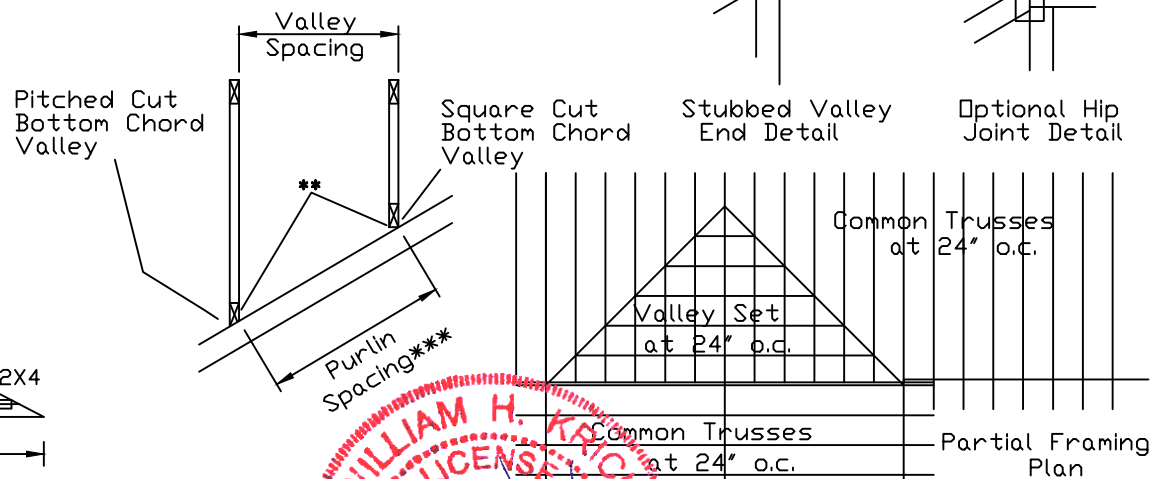
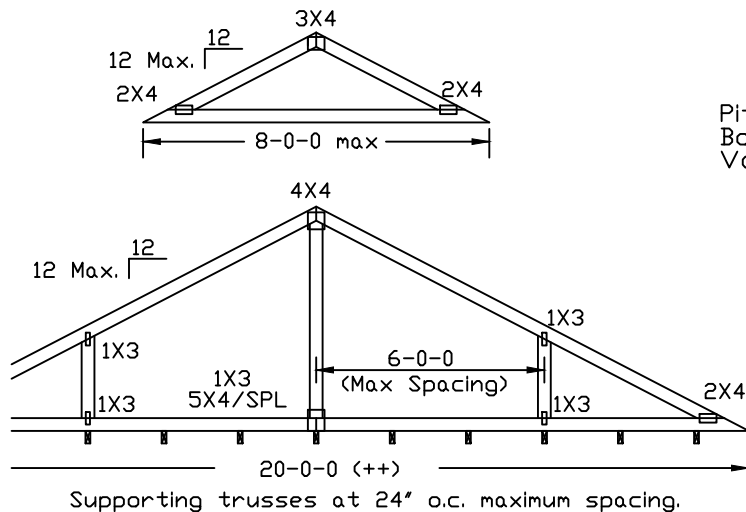
All plates shown are Alpine Wave Plates.

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.

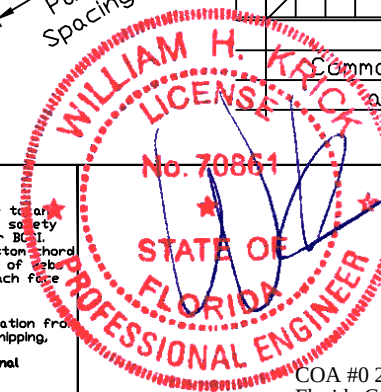
Top chord of truss beneath valley set must be braced with:  
properly attached, rated sheathing applied prior to valley truss installation.  
Or  
Purlins at 24" o.c. or as otherwise specified on engineer's sealed design  
Or  
By valley trusses used in lieu of purlin spacing as specified on Engineer's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

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

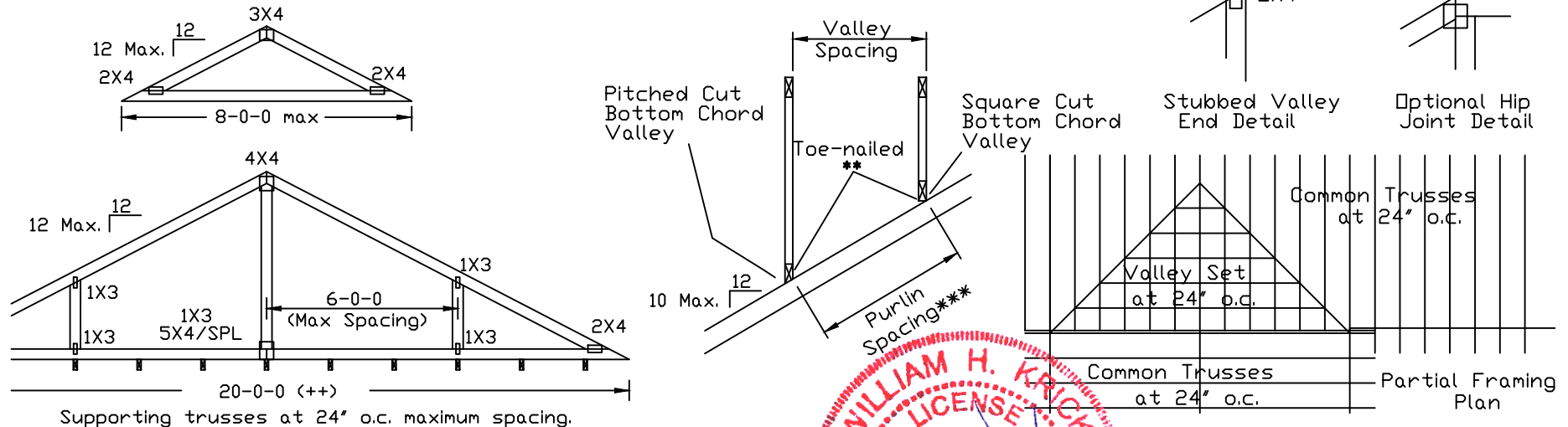
Purlins at 24" o.c. or as otherwise specified on engineer's sealed design

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".

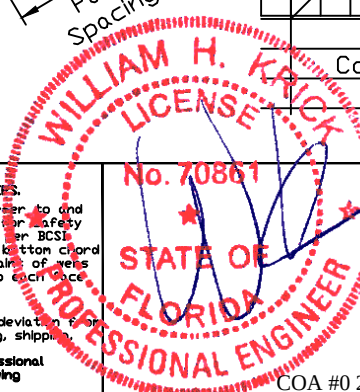


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**WARNING: READ AND FOLLOW ALL NOTES ON THIS DRAWING**  
**IMPORTANT: FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS.**  
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have bracing installed per BCSI sections B3, B7 or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions.  
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 & bracing of trusses.  
A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.  
For more information see this job's general notes page and these web sites:  
ALPINE: [www.alpineitw.com](http://www.alpineitw.com); TPI: [www.tpinet.org](http://www.tpinet.org); SBCA: [www.sbcacomponents.com](http://www.sbcacomponents.com); ICC: [www.iccsafe.org](http://www.iccsafe.org)



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"    |      |               |