Alpine, an ITW Company
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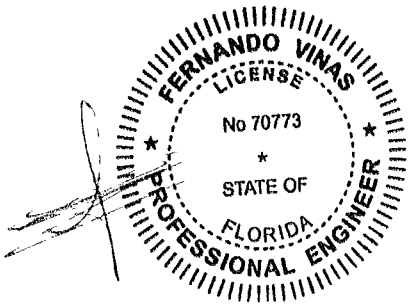

07/14/2025

COA#0-278
Florida Certificate of Product Approval #FL1999

This item has been digitally signed by Fernando Vinas on the date adjacent to the seal

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Site Information:	**Page 1:**
Customer: W B. Howland Company, Inc.	*Job Number:* 24-1939B
Job Description: Spicer Residence (Roof and Floor)	
Address: FL	

Job Engineering Criteria:	
Design Code FBC 8th Ed 2023 Res	*IntelliVIEW Version* 23.02.04 through 24.02.00D *JRef #:* 1YbL2150001
Wind Standard ASCE 7-22 *Wind Speed (mph)* 130 *Building Type* Closed	*Design Loading (psf)* 40 00, 55 00

This package contains general notes pages, 33 truss drawing(s) and 5 detail(s)

Item	Drawing Number	Truss
1	192.25.1041.12745	A01
3	192.25.1041.12214	A03
5	195 25 1048 17507	B01
7	195.25.1048.42990	B03
9	192.25 1041 12182	B05
11	195.25 1049.09460	B07
13	195.25 1049.20103	B09
15	192 25.1041.12775	B11
17	192.25.1041 12558	C02
19	195.25.1049.26533	F02
21	195.25.1049.31077	F04
23	195.25.1049.56737	FT02
25	192.25.1041.12275	HJ02
27	192.25.1041 12213	J02
29	192.25.1041.12761	J04
31	192 25.1041 12619	J06
33	192.25.1041.12369	J08
35	BRCLBSUB0119	
37	LSCSYX2A1014	

Item	Drawing Number	Truss
2	192.25.1041.12588	A02
4	192.25.1041.12541	A04
6	195.25 1048.37153	B02
8	195.25.1048.47760	B04
10	195 25.1049.05520	B06
12	195.25.1049.17867	B08
14	192.25.1041.12525	B10
16	192.25.1041.12635	C01
18	195.25 1049.24347	F01
20	195.25.1049.28443	F03
22	195.25.1049.46453	FT01
24	192.25.1041.12338	HJ01
26	192.25 1041.12572	J01
28	192.25 1041.12353	J03
30	192.25 1041 12307	J05
32	192.25 1041.12557	J07
34	160TL	
36	CNSY42PL0118	
38	STRBRIBR1014	

General Notes

Truss Design Engineer Scope of Work, Design Assumptions and Design Responsibilities:
The design responsibilities assumed in the preparation of these design drawings are those specified in ANSI/TPI 1, Chapter 2; and the National Design Standard for Metal Plate Connected Wood Truss Construction, by the Truss Plate Institute. The truss component designs conform to the applicable provisions of ANSI/TPI 1 and NDS, the National Design Specification for Wood Construction by AWC. The truss component designs are based on the specified loading and dimension information furnished by others to the Truss Design Engineer. The Truss Design Engineer has no duty to independently verify the accuracy or completeness of the information provided by others and may rely on that information without liability. The responsibility for verification of that information remains with others neither employed nor controlled by the Truss Design Engineer. The Truss Design Engineer's seal and signature on the attached drawings, or cover page listing these drawings, indicates acceptance of professional engineering responsibility solely for the truss component designs and not for the technical information furnished by others which technical information and consequences thereof remain their sole responsibility.

The suitability and use of these drawings for any particular structure is the responsibility of the Building Designer in accordance with ANSI/TPI 1 Chapter 2. The Building Designer is responsible for determining that the dimensions and loads for each truss component match those required by the plans and by the actual use of the individual component, and for ascertaining that the loads shown on the drawings meet or exceed applicable building code requirements and any additional factors required in the particular application. Truss components using metal connector plates with integral teeth shall not be placed in environments that will cause the moisture content of the wood in which plates are embedded to exceed 19% and/or cause corrosion of connector plates and other metal fasteners.

The Truss Design Engineer shall not be responsible for items beyond the specific scope of the agreed contracted work set forth herein, including but not limited to: verifying the dimensions of the truss component, calculation of any of the truss component design loads, inspection of the truss components before or after installation, the design of temporary or permanent bracing and their attachment required in the roof and/or floor systems, the design of diaphragms or shear walls, the design of load transfer connections to and from diaphragms and shear walls, the design of load transfer to the foundation, the design of connections for truss components to their bearing supports, the design of the bearing supports, installation of the truss components, observation of the truss component installation process, review of truss assembly procedures, sequencing of the truss component installation, construction means and methods, site and/or worker safety in the installation of the truss components and/or its connections.

This document may be a high-quality facsimile of the original engineering document which is a digitally signed electronic file with third party authentication. A wet or embossed seal copy of this engineering document is available upon request.

Temporary Lateral Restraint and Bracing:
Temporary lateral restraint and diagonal bracing shall be installed according to the provisions of BCSI chapters B1, B2, B7 and/or B10 (Building Component Safety Information, by TPI and SBCA), or as specified by the Building Designer or other Registered Design Professional. The required locations for lateral restraint and/or bracing depicted on these drawings are only for the permanent lateral support of the truss members to reduce buckling lengths, and do not apply to and may not be relied upon for the temporary stability of the truss components during their installation.

Permanent Lateral Restraint and Bracing:
The required locations for lateral restraint or bracing depicted on these drawings are for the permanent lateral support of the truss members to reduce buckling lengths. Permanent lateral support shall be installed according to the provisions of BCSI chapters B3, B7 and/or B10, or as specified by the Building Designer or other Registered Design Professional. These drawings do not depict or specify installation/erection bracing, wind bracing, portal bracing or similar building stability bracing which are parts of the overall building design to be specified, designed, and detailed by the Building Designer.

Connector Plate Information:
Alpine connector plates are made of ASTM A653 or ASTM A1063 galvanized steel with the following designations, gauges and grades: W=Wave, 20ga, grade 40; H=High Strength, 20ga, grade 60; S=Super Strength, 18ga, grade 60. Information on model code compliance is contained in the ICC Evaluation Service report ESR-1118, available on-line at www.icc-es.org.

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

General Notes (continued)

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

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

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

BCDL = Bottom Chord standard design Dead Load in pounds per square foot.
BCLL = Bottom Chord standard design Live Load in pounds per square foot.
C = Coated lumber.
C-AT = AtTEK coated lumber.
C-FX = FX Lumber Guard coated lumber.
C -TE = TechWood 4400 coated lumber.
CL = Certified lumber.
Des Ld = total of TCLL, TCDL, BCLL and BCDL Design Load in pounds per square foot.
FRT = Fire Retardant Treated lumber.
FRT-BF = Boraflame Fire Retardant Treated lumber
FRT-DB = D-Blaze Fire Retardant Treated lumber.
FRT-DC = Dricon Fire Retardant Treated lumber.
FRT-FP = FirePRO Fire Retardant Treated lumber.
FRT-FL = FlamePRO Fire Retardant Treated lumber.
FRT-FT = FlameTech Fire Retardant Treated lumber.
FRT-ON = OnWood Fire Retardant Treated lumber.
FRT-PG = PYRO-GUARD Fire Retardant Treated lumber.
FRT-PR = ProWood Fire Retardant Treated lumber.
g = green lumber.
HORZ(LL) = maximum Horizontal panel point deflection due to Live Load, in inches.
HORZ(TL) = maximum Horizontal panel point long term deflection in inches, due to Total Load, including creep adjustment.
HPL = additional Horizontal Load added to a truss Piece in pounds per linear foot or pounds.
Ic = Incised lumber.
FJ = Finger Jointed lumber.
L/# = user specified divisor for limiting span/deflection ratio for evaluation of actual L/defl value.
L/defl = ratio of Length between bearings, in inches, divided by the vertical Deflection due to creep, in inches, at the referenced panel point. Reported as 999 if greater than or equal to 999.
Loc = Location, starting location of left end of bearing or panel point (joint) location of deflection.
Max BC CSI = Maximum bending and axial Combined Stress Index for Bottom Chords for all load cases.
Max TC CSI = Maximum bending and axial Combined Stress Index for Top Chords for all load cases.
Max Web CSI= Maximum bending and axial Combined Stress Index for Webs for all load cases.
NCBCLL = Non-Concurrent Bottom Chord design Live Load in pounds per square foot.
PL = additional Load applied at a user specified angle on a truss Piece in pounds per linear foot or pounds.
PLB = additional vertical load added to a Bottom chord Piece of a truss in pounds per linear foot or pounds
PLT = additional vertical load added to a Top chord Piece of a truss in pounds per linear foot or pounds.
PP = Panel Point.
R = maximum downward design Reaction, in pounds, from all specified gravity load cases, at the indicated location (Loc).
-R = maximum upward design Reaction, in pounds, from all specified gravity load cases, at the identified location (Loc).
Rh = maximum horizontal design Reaction in either direction, in pounds, from all specified gravity load cases, at the indicated location (Loc).
RL = maximum horizontal design Reaction in either direction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).

General Notes (continued)

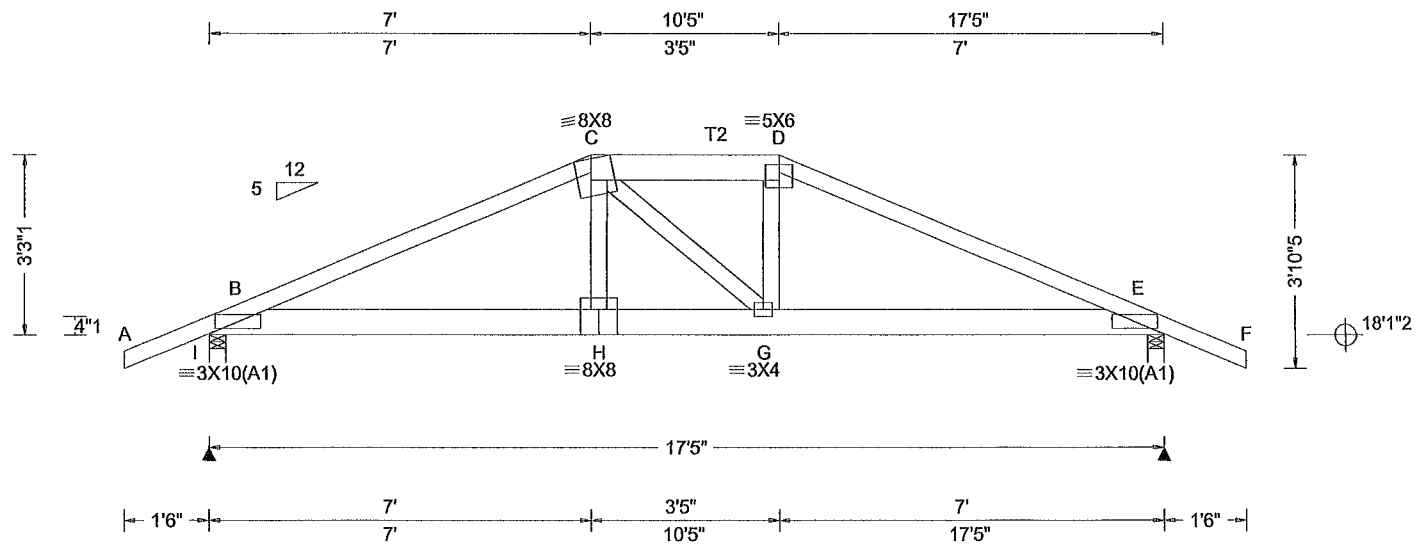
Key to Terms (continued):
Rw = maximum downward design Reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the identified location (Loc).
TCDL = Top Chord standard design Dead Load in pounds per square foot.
TCLL = Top Chord standard design Live Load in pounds per square foot.
U = maximum Upward design reaction, in pounds, from all specified non-gravity (wind or seismic) load cases, at the indicated location (Loc).
VERT(CL) = maximum Vertical panel point deflection in inches due to Live Load and Creep Component of Dead Load in inches.
VERT(CTL) = maximum Vertical panel point deflection ratios due to Live Load and Creep Component of Dead Load, and maximum long term Vertical panel point deflection in inches due to Total load, including creep adjustment.
VERT(LL) = maximum Vertical panel point deflection in inches due to Live Load.
VERT(TL) = maximum Vertical panel point long term deflection in inches due to Total load, including creep adjustment.
W = Width of non-hanger bearing, in inches.

Refer to ASCE-7 for Wind and Seismic abbreviations.
Uppercase Acronyms not explained above are as defined in TPI 1.

References:

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

SEQN 799571 / HIPS FROM CDM	Ply 1 Qty 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** A01	Cust: R 215 JRef 1YbL2150001 T23 / DrwNo. 192.25.1041 12745 SSB / DF 07/11/2025	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL. 20 00	Wind Std ASCE 7-22	Pg NA Ct. NA CAT NA	PP Deflection in loc L/defl L/#
TCDL. 10 00	Speed 130 mph	Pf NA Ce NA	VERT(LL) 0 109 H 999 240
BCLL 0 00	Enclosure Closed	Lu NA Cs. NA	VERT(CL) 0.216 H 949 180
BCDL 10 00	Risk Category II	Snow Duration NA	HORZ(LL): 0 032 E - -
Des Ld 40 00	EXP C Kzt. NA		HORZ(TL) 0 064 E - -
NCBCLL. 10 00	Mean Height: 19 58 ft	Building Code	Creep Factor 2 0
Soffit: 2.00	TCDL 5.0 psf	FBC 8th Ed. 2023 Res	Max TC CSI 0 920
Load Duration 1.25	BCDL 5 0 psf	TPI Std 2014	Max BC CSI 0.830
Spacing 24 0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac. Varies by Ld Case	Max Web CSI. 0 253
	C&C Dist a 3 00 ft	FT/RT.20(0)/10(0)	
	Loc. from endwall: not in 4 50 ft	Plate Type(s)	
	GCpi 0 18	WAVE	VIEW Ver 23 02.04 0123 14
	Wind Duration 1 60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
I	1825	/-	/-	/-	/501	/-
E	1825	/-	/-	/-	/501	/-

Wind reactions based on MWFRS
I Brg Wid = 3 5 Min Req = 2 2 (Truss)
E Brg Wid = 3 5 Min Req = 2 2 (Truss)
Bearings I & E are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
B - C	1028	-3825	D - E	1028	-3820
C - D	917	-3540			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens	Comp
B - H	3476	-919	G - E	3472	-919
H - G	3509	-918			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp	Webs	Tens	Comp
C - H	638	0	G - D	663	0

Lumber

Top chord 2x4 SP #2; T2 2x6 SP #2,
Bot chord 2x6 SP #2,
Webs 2x4 SP #3,

Special Loads

------(Lumber Dur Fac.=1.25 / Plate Dur Fac.=1 25)

TC	From	62 plf at	-1.50 to	62 plf at	7 00
TC	From	31 plf at	7 00 to	31 plf at	10.42
TC	From	62 plf at	10.42 to	62 plf at	18.92
BC	From	4 plf at	-1.50 to	4 plf at	0 00
BC	From	20 plf at	0 00 to	20 plf at	7 03
BC	From	10 plf at	7 03 to	10 plf at	10.39
BC	From	20 plf at	10 39 to	20 plf at	17.42
BC	From	4 plf at	17.42 to	4 plf at	18 92

TC 425 lb Conc. Load at 7 03,10.39
TC 185 lb Conc. Load at 8 71
BC 503 lb Conc. Load at 7.03,10.39
BC 128 lb Conc. Load at 8 71

Purlins

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

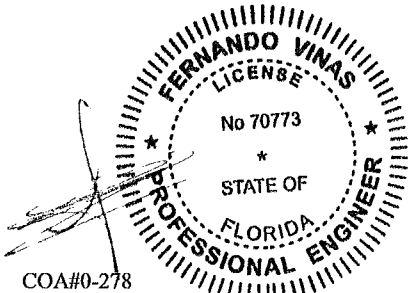
Wind

Wind loads and reactions based on MWFRS

Wind loading based on both gable and hip roof types.

Additional Notes

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



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

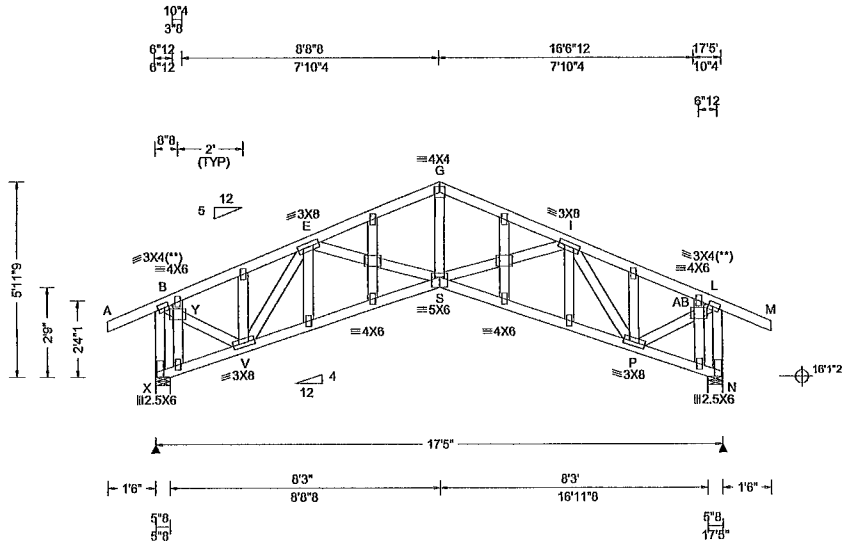
Trusses require extreme care in fabricating, handling, shipping, installing and bracing Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI.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

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

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

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

SEQN 799782 / GABL FROM CDM	Ply 1 Qty 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label.** A02	Cust: R 215 JRef 1YbL2150001 T13 / DrwNo: 192.25.1041 12588 SSB / DF 07/11/2025	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL. 20 00	Wind Std ASCE 7-22	Pg NA Ct. NA CAT NA	PP Deflection in loc L/defl L/#
TCDL. 10 00	Speed 130 mph	Pf NA Ce NA	VERT(LL) 0.040 T 999 240
BCLL 0 00	Enclosure Closed	Lu. NA Cs. NA	VERT(CL) 0 081 T 999 180
BCDL. 10 00	Risk Category II	Snow Duration NA	HORZ(LL) 0 036 N - -
Des Ld 40 00	EXP C Kzt: NA		HORZ(TL) 0 072 N - -
NCBCLL. 10 00	Mean Height: 19 93 ft	Building Code	Creep Factor 2.0
Soffit: 2.00	TCDL. 5 0 psf	FBC 8th Ed 2023 Res.	Max TC CSI. 0.210
Load Duration 1 25	BCDL. 5 0 psf	TPI Std 2014	Max BC CSI 0 294
Spacing 24.0 "	MWFRS Parallel Dist 0 to h/2	Rep Fac. Yes	Max Web CSI 0.393
	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	VIEW Ver 23 02.04.0123 14
	Wind Duration 1 60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
X	820	/-	/-	/446	/151	/109
N	820	/-	/-	/446	/151	/-

Wind reactions based on MWFRS
X Brg Wid = 5 5 Min Req = 1 5 (Truss)
N Brg Wid = 5.5 Min Req = 1 5 (Truss)
Bearings X & O are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens	Comp
B - E	287	-755	G - I	406	-1235
E - G	411	-1235	I - L	288	-755

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens.	Comp
V - S	1047	-270	S - P	1047	-277

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens	Comp
B - Y	653	-149	I - P	144	-566
Y - V	662	-167	P -AB	662	-169
V - E	142	-566	AB- L	653	-151

Maximum Gable Forces Per Ply (lbs)

Gables	Tens	Comp	Gables	Tens	Comp
X - B	340	-857	L - N	338	-857
G - S	694	-204			

Lumber

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

Plating Notes

All plates are 2X4 except as noted

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

Loading

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

Wind

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

End verticals not exposed to wind pressure

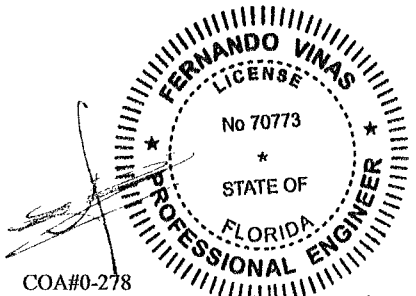
Wind loading based on both gable and hip roof types

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

The overall height of this truss excluding overhang is 5-11-9



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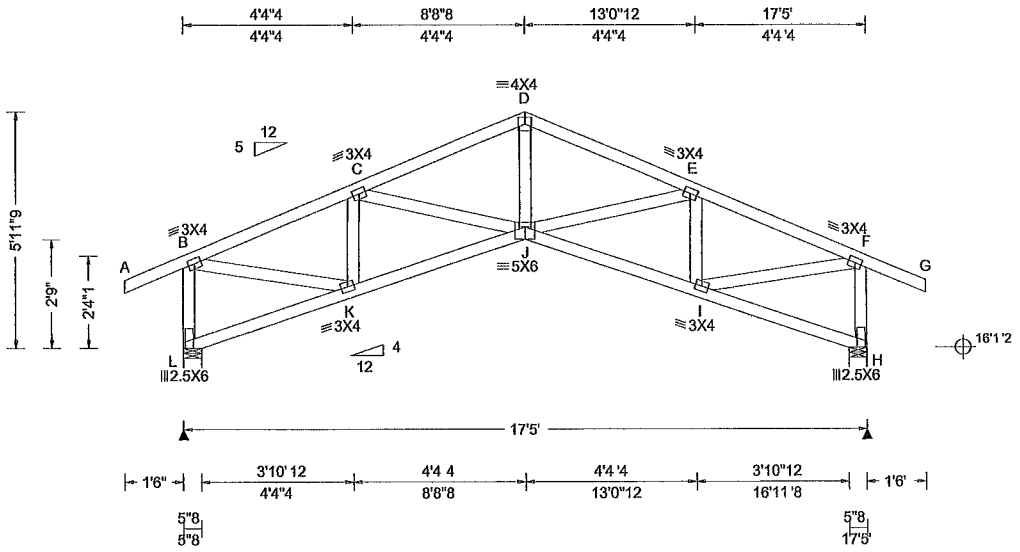
For more information see these web sites Alpine alpineitw com, TPI tpinst.org, SBCA. sbcacomponents.com; ICC. iccsafe.org, AWC awc.org

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

SEQN: 799775 / SPEC FROM. CDM	Ply: 1 Qty: 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label.** A03	Cust: R 215 JRef: 1YbL2150001 T21 / DrwNo: 192.25.1041 12214 SSB / DF 07/11/2025	



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria				
TCLL.	20 00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT NA	PP Deflection in	loc	L/defl	L/#	
TCDL.	10 00	Speed 130 mph	Pf NA Ce NA	VERT(LL):	0.040	J 999	240	
BCLL.	0 00	Enclosure Closed	Lu NA Cs. NA	VERT(CL).	0 080	J 999	180	
BCDL.	10 00	Risk Category: II	Snow Duration NA	HORZ(LL).	0 035	H -	-	
Des Ld	40 00	EXP C Kzt. NA		HORZ(TL):	0 070	H -	-	
NCBCLL	10 00	Mean Height. 19 93 ft	Building Code	Creep Factor: 2 0				
Soffit:	2 00	TCDL 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI	0 194			
Load Duration	1.25	BCDL. 5 0 psf	TPI Std 2014	Max BC CSI	0.298			
Spacing	24 0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes	Max Web CSI:	0.356			
		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	VIEW Ver: 23.02 04 0123 14				
		Wind Duration 1 60						

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	820	/-	/-	/446	/151	/109
H	820	/-	/-	/446	/151	/-

Wind reactions based on MWFRS
L Brg Wid = 5.5 Min Req = 1 5 (Truss)
H Brg Wid = 5 5 Min Req = 1 5 (Truss)
Bearings L & H are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens	Comp.	Chords	Tens	Comp
B - C	336	-1054	D - E	397	-1229
C - D	402	-1229	E - F	339	-1054

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens	Comp
K - J	1018	-265	J - I	1018	-272

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp	Webs	Tens.	Comp.
B - L	330	-782	E - I	179	-380
B - K	935	-238	I - F	935	-240
K - C	178	-380	F - H	329	-782
D - J	653	-140			

Lumber

Top chord 2x4 SP #2,
Bot chord 2x4 SP #2,
Webs. 2x4 SP #3;

Wind

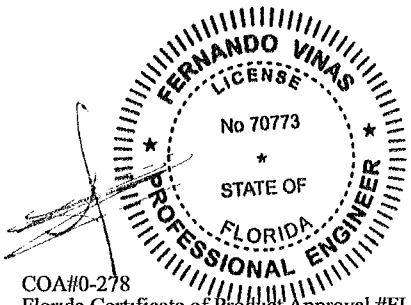
Wind loads based on MWFRS with additional C&C member design

End verticals not exposed to wind pressure.

Wind loading based on both gable and hip roof types

Additional Notes

The overall height of this truss excluding overhang is 5-11-9



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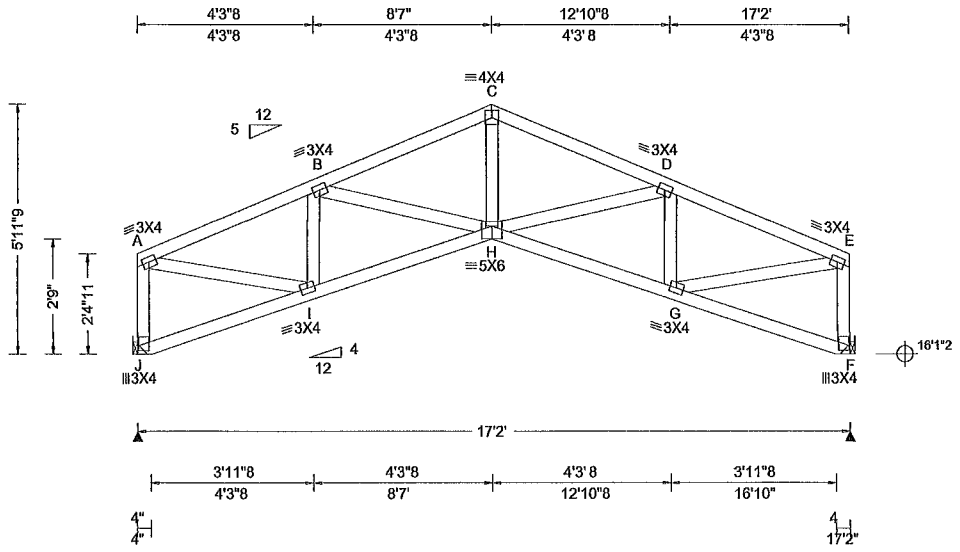
For more information see these web sites Alpine alpineitw com; TPI tpinst.org, SBCA: sbcacomponents.com, ICC iccsafe.org, AWC awc.org

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

SEQN 799762 / COMN FROM CDM	Ply 1 Qty 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** A04	Cust: R 215 JRef 1YbL2150001 T8 / DrwNo: 192.25.1041 12541 SSB / DF 07/11/2025



Loading Criteria (psf)

TCLL.	20 00
TCDL.	10 00
BCLL.	0 00
BCDL.	10 00
Des Ld	40 00
NCBCLL.	10 00
Soffit:	2.00
Load Duration	1.25
Spacing	24 0 "

Wind Criteria

Wind Std ASCE 7-22
Speed 130 mph
Enclosure Closed
Risk Category II
EXP C Kzt: NA
Mean Height: 20.27 ft
TCDL 5.0 psf
BCDL 5 0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a 3 00 ft
Loc. from endwall not in 9.00 ft
GCpi 0 18
Wind Duration 1 60

Snow Criteria (Pg,Pf in PSF)

Pg NA Ct: NA CAT NA
Pf NA Ce NA
Lu NA Cs NA
Snow Duration NA

Building Code
FBC 8th Ed. 2023 Res
TPI Std 2014
Rep Fac: Yes
FT/RT.20(0)/10(0)
Plate Type(s).
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL) 0.037	H	999	240
VERT(CL): 0 077	H	999	180
HORZ(LL): 0 033	F	-	-
HORZ(TL) 0 068	F	-	-

Creep Factor 2 0
Max TC CSI 0.226
Max BC CSI 0.292
Max Web CSI 0.357

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▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	710	/-	/-	/369	/122	/77
F	710	/-	/-	/369	/122	/-

Wind reactions based on MWFRS
J Brg Wid = - Min Req = -
F Brg Wid = - Min Req = -
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens	Comp
A - B	350	- 1051	C - D	435	- 1221
B - C	427	- 1221	D - E	344	- 1051

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens	Comp
I - H	1024	- 331	H - G	1024	- 312

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	242	- 675	D - G	199	- 392
A - I	937	- 282	G - E	937	- 275
I - B	203	- 392	E - F	240	- 675
C - H	661	- 172			

Lumber

Top chord 2x4 SP #2,
Bot chord 2x4 SP #2,
Webs. 2x4 SP #3,

Hangers / Ties

(J) Hanger Support Required, by others

Wind

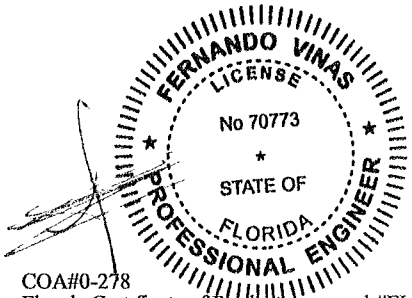
Wind loads based on MWFRS with additional C&C member design

End verticals not exposed to wind pressure

Wind loading based on both gable and hip roof types

Additional Notes

The overall height of this truss excluding overhang is 5-11-9



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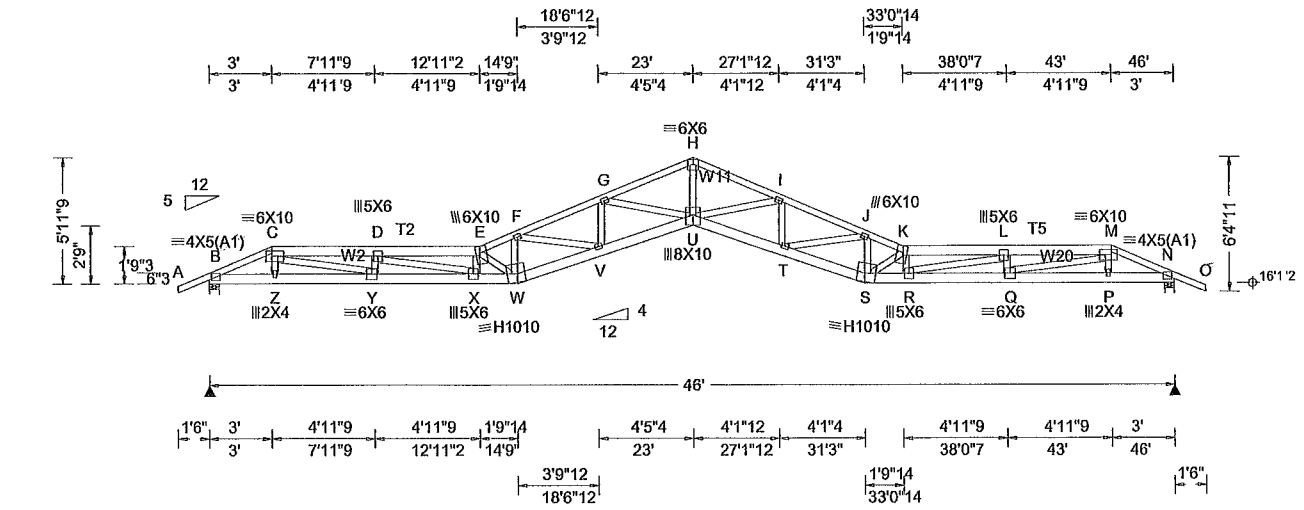
ALPINE
ANITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 402290 SPEC FROM CDM	Ply 3 Qty 1	**Job Number** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** B01	Cust: R 215 JRef 1YbL2150001 T16 DrwNo: 195.25.1048.17507 KD / FV 07/14/2025	

3 Complete Trusses Required



Loading Criteria (psf)

TCLL.	20.00
TCDL.	10 00
BCLL.	0 00
BCDL	10 00
Des Ld	40 00
NCBCLL.	0 00
Soffit.	2 00
Load Duration	1.25
Spacing	24.0 "

Wind Criteria

Wind Std ASCE 7-22
Speed 130 mph
Enclosure Closed
Risk Category II
EXP C Kzt. NA
Mean Height: 19.02 ft
TCDL 5.0 psf
BCDL 5 0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a 4 60 ft
Loc. from endwall not in 13.00 ft
GCpi 0.18
Wind Duration 1 60

Snow Criteria (Pg,Pf in PSF)

Pg: NA Ct. NA CAT NA
Pf. NA Ce NA
Lu NA Cs NA
Snow Duration NA

Building Code
FBC 8th Ed 2023 Res.
TPI Std 2014
Rep Fac: Yes
FT/RT 20(0)/10(0)
Plate Type(s)
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL)	1 004 U	546	240
VERT(CL)	2 024 U	271	180
HORZ(LL)	0 141 N	-	-
HORZ(TL)	0 283 N	-	-

Creep Factor: 2 0
Max TC CSI 0.640
Max BC CSI 0.488
Max Web CSI 0 779

VIEW Ver: 24.02 00D 0611.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	3394	/-	/-	/-	/730	/-
N	3396	/-	/-	/-	/730	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1 5 (Truss)
N Brg Wid = 5.5 Min Req = 1 5 (Truss)
Bearings B & N are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens	Comp.	Chords	Tens	Comp
B - C	507	-2431	H - I	953	-4631
C - D	1091	-5234	I - J	1067	-5187
D - E	1492	-7217	J - K	1170	-5669
E - F	1171	-5671	K - L	1492	-7220
F - G	1067	-5188	L - M	1092	-5237
G - H	953	-4631	M - N	507	-2432

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
B - Z	2233	-464	U - T	5016	-1032
Z - Y	2237	-463	T - S	5509	-1136
Y - X	5389	-1128	S - R	7358	-1523
X - W	7356	-1522	R - Q	5392	-1129
W - V	5512	-1137	Q - P	2238	-463
V - U	5017	-1032	P - N	2234	-464

Maximum Web Forces Per Ply (lbs)

Webs	Tens	Comp.	Webs	Tens	Comp
C - Y	3111	-652	U - I	106	-508
Y - D	170	-715	T - J	101	-465
D - X	1902	-378	S - K	553	-2650
X - E	144	-656	K - R	143	-651
E - W	552	-2644	R - L	1902	-378
F - V	101	-467	L - Q	170	-715
G - U	107	-509	Q - M	3113	-653
H - U	3452	-689			

Lumber

Top chord 2x4 SP #2, T2,T5 2x6 SP #2;
Bot chord 2x6 SP 2400f-2.0E,
Webs 2x4 SP #3; W2,W11,W20 2x4 SP #2,

Nailnote

Nail Schedule 0 131"x3", min nails
Top Chord 1 Row @12.00" o c.
Bot Chord 1 Row @12.00" o.c.
Webs 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting

Special Loads

-------(Lumber Dur Fac.=1.25 / Plate Dur Fac.=1 25)

TC	From	62 plf at	-1.50 to	62 plf at	47 50
BC	From	4 plf at	-1.50 to	4 plf at	0 00
BC	From	20 plf at	0 00 to	20 plf at	14.75
BC	From	21 plf at	14.75 to	21 plf at	31.25
BC	From	20 plf at	31 25 to	20 plf at	46.00
BC	From	4 plf at	46 00 to	4 plf at	47 50

TC 109 lb Conc. Load at 3.03,42 97
TC 64 lb Conc. Load at 5 06, 7 06, 9 06,11 06 13.06,33.27,34.94,36 94,38.94,40.94
BC 66 lb Conc. Load at 3.03,42 97
BC 53 lb Conc. Load at 5.06, 7 06, 9 06,11 06 13 06,33.27,34 94,36.94,38.94,40.94
BC 649 lb Conc. Load at 14.35,31 65

Plating Notes

All plates are 3X4 except as noted

Purlins

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

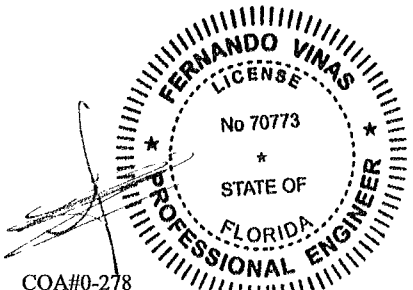
Wind

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

Additional Notes

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

The overall height of this truss excluding overhang is 5-11-9



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07/14/2025

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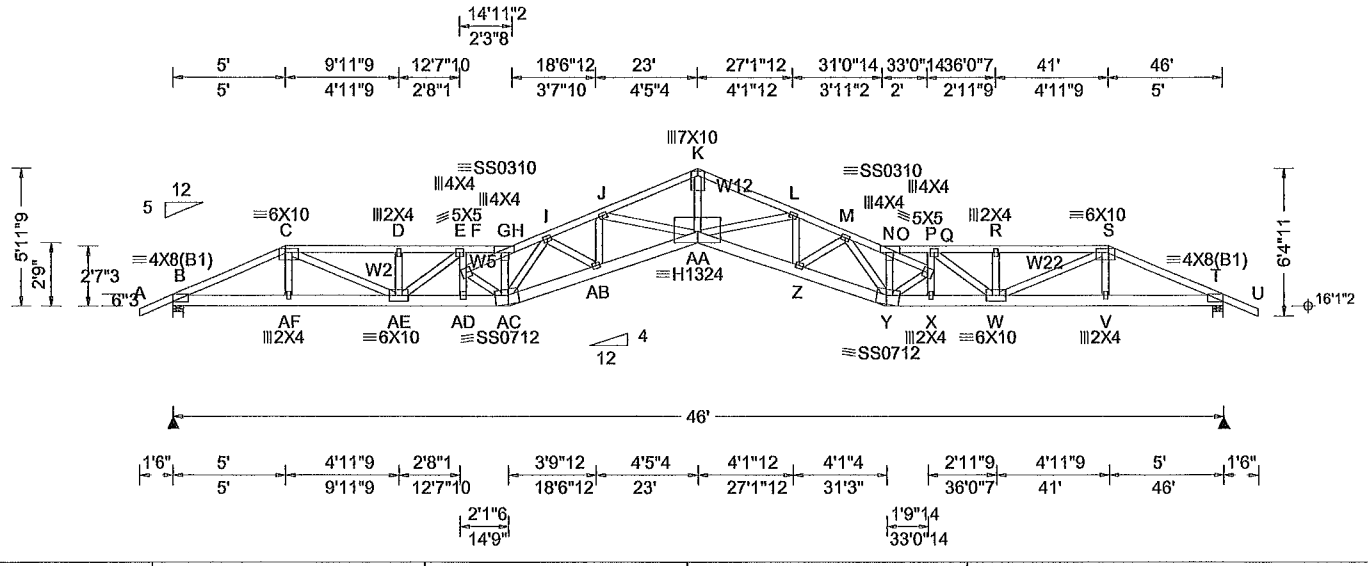
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 402312 SPEC FROM. CDM	Ply· 1 Qty· 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label·** B02	Cust: R 215 JRef· 1YbL2150001 T12 DrwNo: 195.25.1048.37153 KD / FV 07/14/2025	



Loading Criteria (psf)

TCLL.	20 00
TCDL.	10.00
BCLL	0 00
BCDL.	10 00
Des Ld	40 00
NCBCLL.	10 00
Soffit:	2.00
Load Duration	1.25
Spacing	24 0 "

Wind Criteria

Wind Std ASCE 7-22
Speed 130 mph
Enclosure Closed
Risk Category· II
EXP C Kzt: NA
Mean Height. 19 02 ft
TCDL. 5 0 psf
BCDL. 5 0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a 4 60 ft
Loc. from endwall. not in 13 00 ft
GCpi 0 18
Wind Duration 1 60

Snow Criteria (Pg,Pf in PSF)

Pg· NA Ct. NA CAT. NA
Pf· NA Ce NA
Lu NA Cs. NA
Snow Duration NA

Building Code
FBC 8th Ed 2023 Res
TPI Std 2014
Rep Fac. Yes
FT/RT:20(0)/10(0)
Plate Type(s)·
WAVE, 18SS, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 1.555	AA	352	240
VERT(CL): 2 082	AA	263	180
HORZ(LL)· 0 298	T	-	-
HORZ(TL): 0 399	T	-	-

Creep Factor· 2.0
Max TC CSI 0.563
Max BC CSI 0.502
Max Web CSI. 0.842

VIEW Ver· 24 02 00D 0611 08

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	1986	/-	/-	/1022	/396	/136
T	1986	/-	/-	/1022	/396	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1 6 (Truss)
T Brg Wid = 5 5 Min Req = 1 6 (Truss)
Bearings B & T are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
B - C	1551	-3984	K - L	2824	-8248
C - D	2475	-6389	L - M	3171	-9073
D - E	2475	-6389	M - N	3359	-9194
E - H	2807	-7485	N - O	850	-2491
F - G	489	-1534	N - Q	2823	-7521
G - H	860	-2518	O - P	475	-1497
H - I	3355	-9188	Q - R	2477	-6390
I - J	3194	-9073	R - S	2477	-6390
J - K	2812	-8248	S - T	1554	-3984

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens	Comp
B -AF	3615	-1384	AA- Z	8781	-2895
AF-AE	3615	-1378	Z - Y	9062	-3088
AE-AD	7502	-2733	Y - X	7568	-2712
AD-AC	7599	-2767	X - W	7501	-2688
AC-AB	9070	-3155	W - V	3615	-1334
AB-AA	8780	-2969	V - T	3615	-1340

Maximum Web Forces Per Ply (lbs)

Webs	Tens	Comp	Webs	Tens	Comp
C -AE	3039	-1145	AA- L	451	-765
AE- E	462	-1448	Y - O	1300	-3404
E - F	1304	-378	Y - P	1509	-469
F -AC	1470	-454	P - Q	1306	-379
G -AC	1285	-3367	Q - W	462	-1446
J -AA	430	-764	W - S	3040	-1146
K -AA	6012	-1996			

Lumber

Top chord 2x4 SP M-31,
Bot chord 2x6 SP 2400f-2.0E,
Webs. 2x4 SP #3, W2,W22 2x4 SP #2; W5,
W12 2x4 SP M-31,

Plating Notes

All plates are 3X4 except as noted

Purlins

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

Wind

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

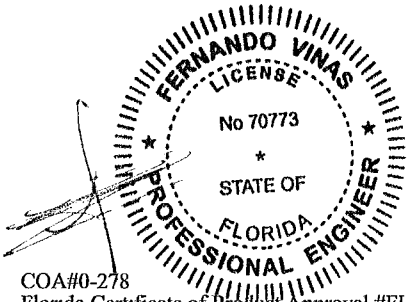
Wind loading based on both gable and hip roof types.

Additional Notes

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

The overall height of this truss excluding overhang is 5-11-9

Laterally brace top chord below filler and bottom chord above filler at 24" o c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).



COA#0-278
Florida Certificate of Product Approval #FL1999
07/14/2025

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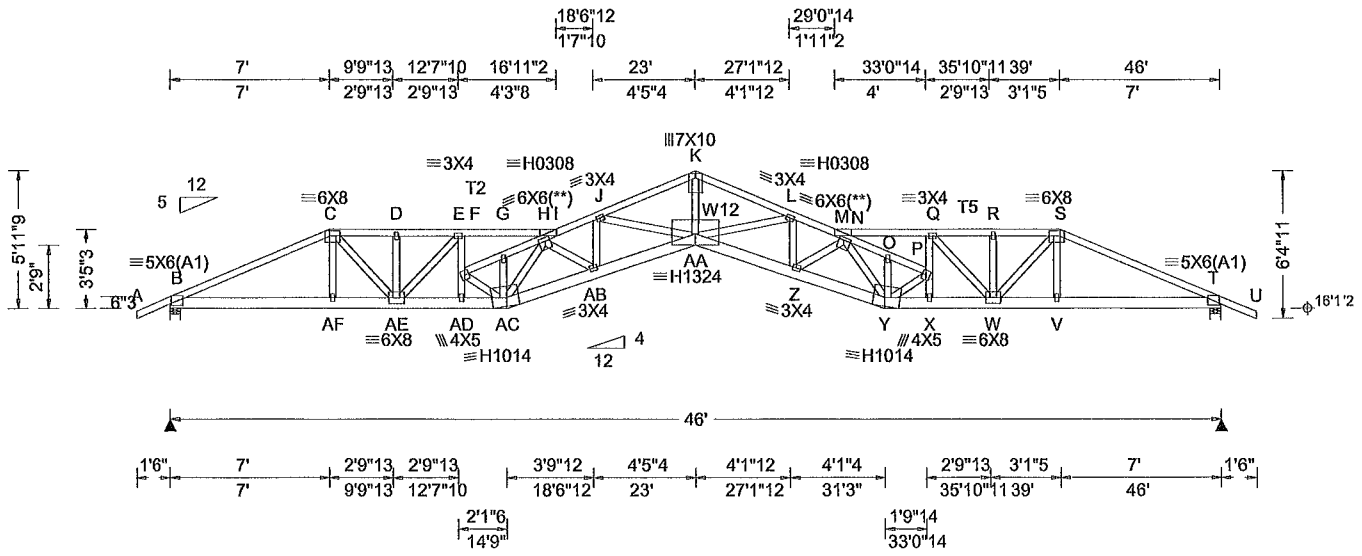
For more information see these web sites. Alpine alpineitw com, TPI tpinst.org, SBCA sbcacomponents.com, ICC· iccsafe org, AWC: awc.org

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

SEQN 402314 SPEC FROM CDM	Ply 1 Qty 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** B03	Cust: R 215 JRef 1YbL2150001 T18 DrwNo 195.25 1048.42990 KD / FV 07/14/2025	



Loading Criteria (psf)	
TCLL	20 00
TCDL.	10 00
BCLL.	0 00
BCDL.	10 00
Des Ld	40 00
NCBCLL.	10 00
Soffit:	2.00
Load Duration	1.25
Spacing	24 0 "

Wind Criteria	
Wind Std	ASCE 7-22
Speed	130 mph
Enclosure	Closed
Risk Category	II
EXP	C Kzt. NA
Mean Height:	19.02 ft
TCDL.	5.0 psf
BCDL	5.0 psf
MWFRS Parallel Dist:	h/2 to h
C&C Dist a.	4 60 ft
Loc. from endwall.	not in 13 00 ft
GCpi	0 18
Wind Duration	1 60

Snow Criteria (Pg,Pf in PSF)			
Pg	NA	Ct: NA	CAT NA
Pf:	NA		Ce NA
Lu	NA	Cs NA	
Snow Duration	NA		

Building Code
FBC 8th Ed 2023 Res.
TPI Std 2014
Rep Fac: Yes
FT/RT 20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria				
PP Deflection in		loc	L/defl	L/#
VERT(LL):	0.876	AA	625	240
VERT(CL):	1 776	AA	308	180
HORZ(LL):	0 199	T	-	-
HORZ(TL):	0.403	T	-	-
Creep Factor: 2.0				
Max TC CSI	0.888			
Max BC CSI	0.527			
Max Web CSI.	0.961			

VIEW Ver: 24.02 00D 0611.08

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1986	/-	/-	/1033	/396	/136
T	1986	/-	/-	/1033	/396	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1 6 (Truss)
T Brg Wid = 5.5 Min Req = 1 6 (Truss)
Bearings B & T are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens.	Comp
B - C	1570	-3922	K - L	3029	-8257
C - D	1935	-4672	L - M	3368	-8971
D - E	1935	-4671	M - N	1383	-4028
E - I	2233	-5476	M - Q	2238	-5485
F - G	387	-1173	N - O	383	-1161
G - H	375	-1143	O - P	385	-1167
H - I	1383	-4018	Q - R	1936	-4671
I - J	3386	-8953	R - S	1936	-4671
J - K	3018	-8259	S - T	1572	-3922

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens	Comp
B -AF	3537	-1384	AA- Z	8781	-3124
AF-AE	3538	-1379	Z - Y	8895	-3275
AE-AD	5473	-2118	Y - X	5529	-2094
AD-AC	5530	-2139	X - W	5478	-2075
AC-AB	8836	-3316	W - V	3538	-1335
AB-AA	8795	-3204	V - T	3537	-1339

Maximum Web Forces Per Ply (lbs)

Webs	Tens	Comp	Webs	Tens	Comp.
C -AE	1628	-678	AA- L	480	-757
AE- E	478	-1219	N - Y	1350	-3651
E - F	854	-224	Y - P	1187	-384
F -AC	1179	-379	P - Q	861	-226
AC- H	1379	-3667	Q - W	480	-1226
J -AA	466	-771	W - S	1627	-679
K -AA	6068	-2172			

Lumber

Top chord 2x4 SP M-31, T2,T5 2x4 SP #2,
Bot chord 2x6 SP 2400f-2 0E,
Webs 2x4 SP #3; W12 2x4 SP M-31,

Plating Notes

All plates are 2X4 except as noted

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

Purlins

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

Wind

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

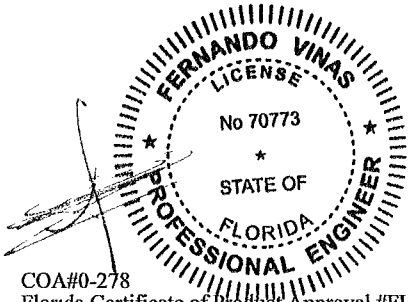
Wind loading based on both gable and hip roof types

Additional Notes

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

The overall height of this truss excluding overhang is 5-11-9

Laterally brace top chord below filler and bottom chord above filler at 24" o c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).



COA#0-278
Florida Certificate of Product Approval #FL1999
07/14/2025

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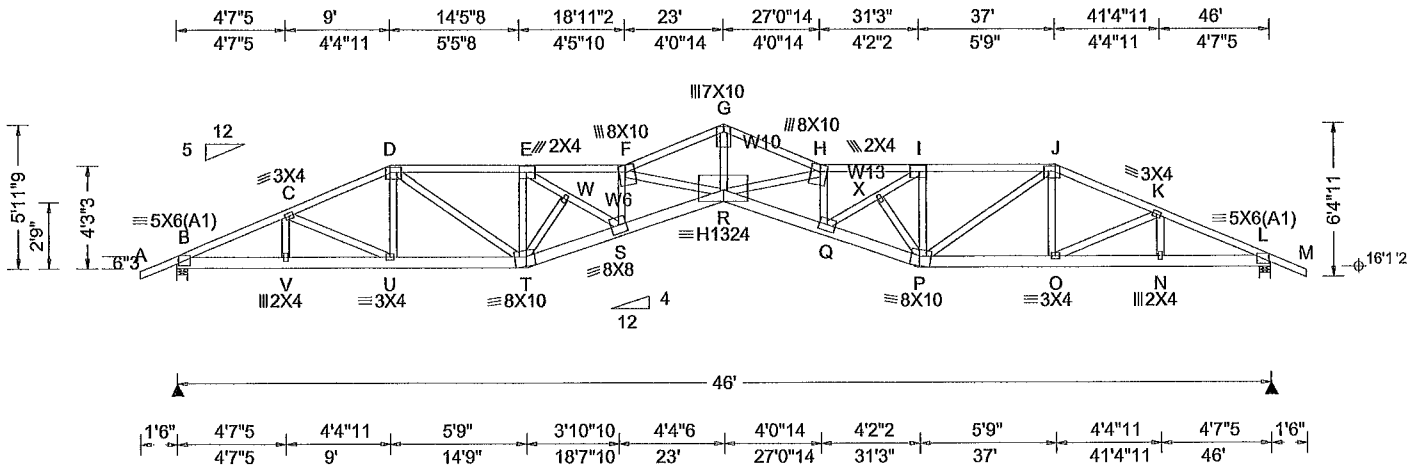
For more information see these web sites. Alpine alpineitw com, TPI tpinst.org, SBCA. sbcacomponents com, ICC iccsafe.org, AWC awc.org

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

SEQN 402316 SPEC FROM CDM	Ply 1 Qty 1	**Job Number** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** B04	Cust: R 215 JRef 1YbL2150001 T24 DrwNo 195.25 1048.47760 KD / FV 07/14/2025	



Loading Criteria (psf)

TCLL.	20 00
TCDL.	10 00
BCLL	0 00
BCDL.	10 00
Des Ld	40 00
NCBCLL.	10 00
Soffit:	2.00
Load Duration	1 25
Spacing	24.0 "

Wind Criteria

Wind Std ASCE 7-22
Speed 130 mph
Enclosure Closed
Risk Category II
EXP C Kzt: NA
Mean Height: 19 02 ft
TCDL 5.0 psf
BCDL 5 0 psf
MWFRS Parallel Dist. h to 2h
C&C Dist a 4 60 ft
Loc. from endwall. not in 13.00 ft
GCpi 0 18
Wind Duration 1 60

Snow Criteria (Pg,Pf in PSF)

Pg NA Ct: NA CAT NA
Pf NA Ce NA
Lu NA Cs NA
Snow Duration NA

Building Code
FBC 8th Ed 2023 Res.
TPI Std 2014
Rep Fac. Yes
FT/RT:20(0)/10(0)
Plate Type(s).
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL) 0 790	R	694	240
VERT(CL): 1 600	R	342	180
HORZ(LL): 0 198	L	-	-
HORZ(TL): 0.401	L	-	-

Creep Factor 2 0
Max TC CSI 0 659
Max BC CSI 0.534
Max Web CSI 0 910

VIEW Ver 24 02 00D 0611 08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1986	/-	/-	/1045	/151	/136
L	1986	/-	/-	/1045	/151	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1 6 (Truss)
L Brg Wid = 5.5 Min Req = 1 6 (Truss)
Bearings B & L are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens.	Comp
B - C	1574	-3862	G - H	3323	-8237
C - D	1643	-3813	H - I	3319	-7950
D - E	2132	-4832	I - J	2132	-4832
E - F	3339	-7950	J - K	1644	-3813
F - G	3310	-8237	K - L	1577	-3862

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
B - V	3503	-1418	R - Q	8688	-3417
V - U	3510	-1424	Q - P	5096	-2042
U - T	3482	-1409	P - O	3482	-1366
T - S	5096	-2087	O - N	3510	-1383
S - R	8688	-3487	N - L	3503	-1377

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp	Webs	Tens	Comp
D - T	1629	-736	R - H	479	-749
E - T	1057	-2337	H - Q	1302	-3171
E - W	3706	-1435	Q - X	3707	-1426
W - S	3707	-1435	X - I	3707	-1426
S - F	1313	-3171	I - P	1061	-2338
F - R	461	-751	P - J	1629	-737
G - R	5979	-2370			

Lumber

Top chord 2x4 SP M-31,
Bot chord 2x6 SP 2400f-2 0E,
Webs: 2x4 SP #3, W6,W13 2x4 SP #2,
W10 2x4 SP M-31;

Plating Notes

All plates are 6X8 except as noted

Purlins

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

Wind

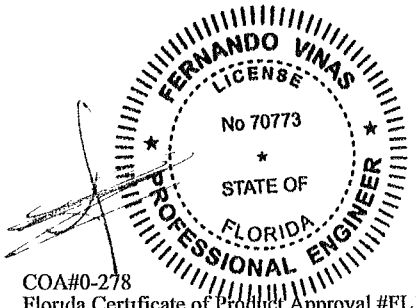
Wind loads based on MWFRS with additional C&C member design

Wind loading based on both gable and hip roof types.

Additional Notes

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

The overall height of this truss excluding overhang is 5-11-9



COA#0-278
Florida Certificate of Product Approval #FL1999
07/14/2025

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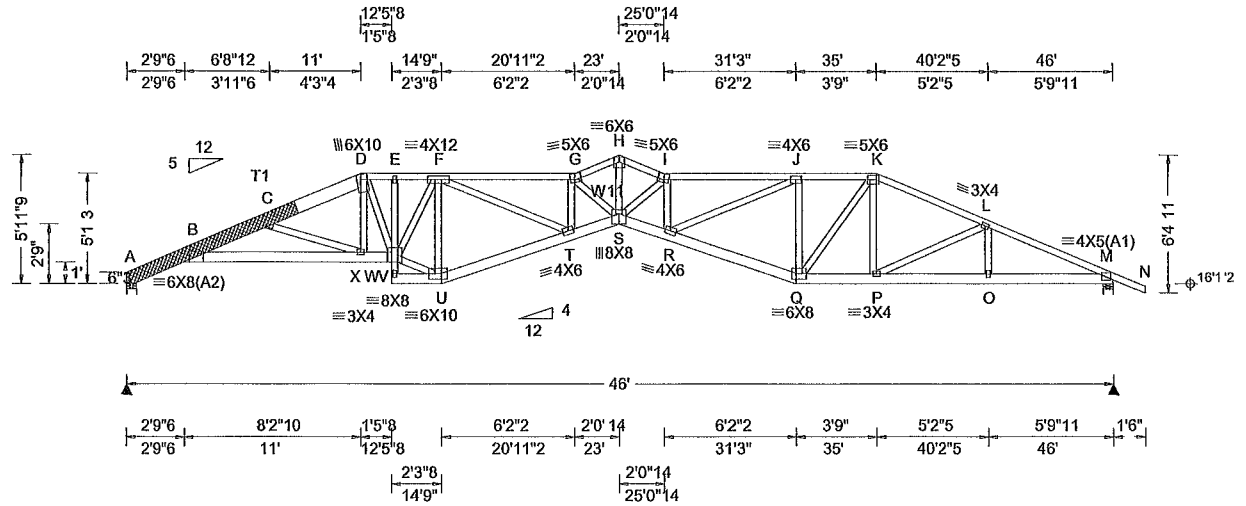
For more information see these web sites: Alpine alpineitw com; TPI tpinst.org, SBCA sbcacomponents com, ICC iccsafe.org, AWC awc.org

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

SEQN 799999 / SPEC FROM CDM	Ply 2 Qty 1	**Job Number** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** B05	Cust R 215 JRef 1YbL2150001 T26 / DrwNo: 192.25.1041 12182 SSB / DF 07/11/2025

2 Complete Trusses Required



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL. 20.00	Wind Std ASCE 7-22	Pg NA Ct. NA CAT NA	PP Deflection in loc L/defl L/#
TCDL. 10 00	Speed 130 mph	Pf NA Ce. NA	VERT(LL). 0.542 S 999 240
BCLL 0 00	Enclosure Closed	Lu NA Cs NA	VERT(CL): 1 089 S 501 180
BCDL 10 00	Risk Category II	Snow Duration NA	HORZ(LL) 0.200 M - -
Des Ld 40 00	EXP C Kzt: NA		HORZ(TL): 0.402 M - -
NCBCLL. 0 00	Mean Height: 19 02 ft	Building Code	Creep Factor 2 0
Soffit: 2.00	TCDL 5 0 psf	FBC 8th Ed 2023 Res	Max TC CSI 0.590
Load Duration 1.25	BCDL 5 0 psf	TPI Std 2014	Max BC CSI 0 759
Spacing 24 0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI 0.844
	C&C Dist a 4.60 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall not in 13 00 ft	Plate Type(s):	
	GCpi 0.18	WAVE	VIEW Ver 23 02.04 0123 14
	Wind Duration 1 60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1839	/-	/-	/1005	/162	/157
M	1979	/-	/-	/1133	/150	/-

Wind reactions based on MWFRS
A Brg Wid = 5.5 Min Req = 1 5 (Truss)
M Brg Wid = 5.5 Min Req = 1 5 (Truss)
Bearings A & M are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens.	Comp
B - C	1270	-2989	H - I	1697	-4051
C - D	971	-2289	I - J	1621	-3821
D - E	1034	-2330	J - K	907	-1989
E - F	1025	-2312	K - L	789	-1812
F - G	1623	-3806	L - M	786	-1957
G - H	1693	-4051			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens	Comp
B - X	2960	-1222	R - Q	2098	-836
X - V	2112	-830	Q - P	1644	-637
U - T	2068	-840	P - O	1773	-684
T - S	4143	-1665	O - M	1772	-682
S - R	4154	-1649			

Maximum Web Forces Per Ply (lbs)

Webs	Tens	Comp	Webs	Tens.	Comp
C - X	427	-916	T - G	641	-1482
D - V	522	-268	H - S	3021	-1282
V - F	611	-218	I - R	643	-1471
V - U	2214	-900	R - J	2015	-809
F - U	684	-1574	J - Q	485	-1012
F - T	2018	-799	Q - K	554	-276

Lumber

Top chord 2x4 SP #2, T1 2x8 SP 2400f-2.0E;
Bot chord 2x6 SP #2;
Webs 2x4 SP #3, W11 2x4 SP #2;

Nailnote

Nail Schedule 0 131"x3", min nails
Top Chord 1 Row @12.00" o.c.
Bot Chord 1 Row @12.00" o.c.
Webs 1 Row @ 4" o c.
Use equal spacing between rows and stagger nails in each row to avoid splitting

Plating Notes

All plates are 2X4 except as noted

Tray Scab(s)

(2) 2x8x8-8-14 x SP 2400f-2.0E scabs at left end Attach one scab to each outer face of chord with 0 131"x3", min nails @ 8" oc, Plus additional nail clusters at BRG (3), heel (4), 1st panel point. (2).

Purlins

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

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

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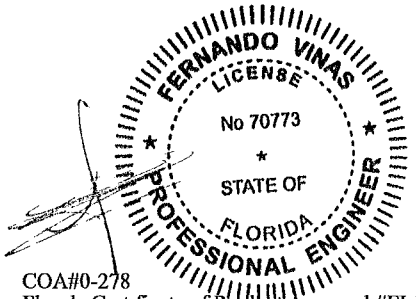
The overall height of this truss excluding overhang is 5-11-9



COA#0-278
Florida Certificate of Product Approval #FL1999
07/14/2025

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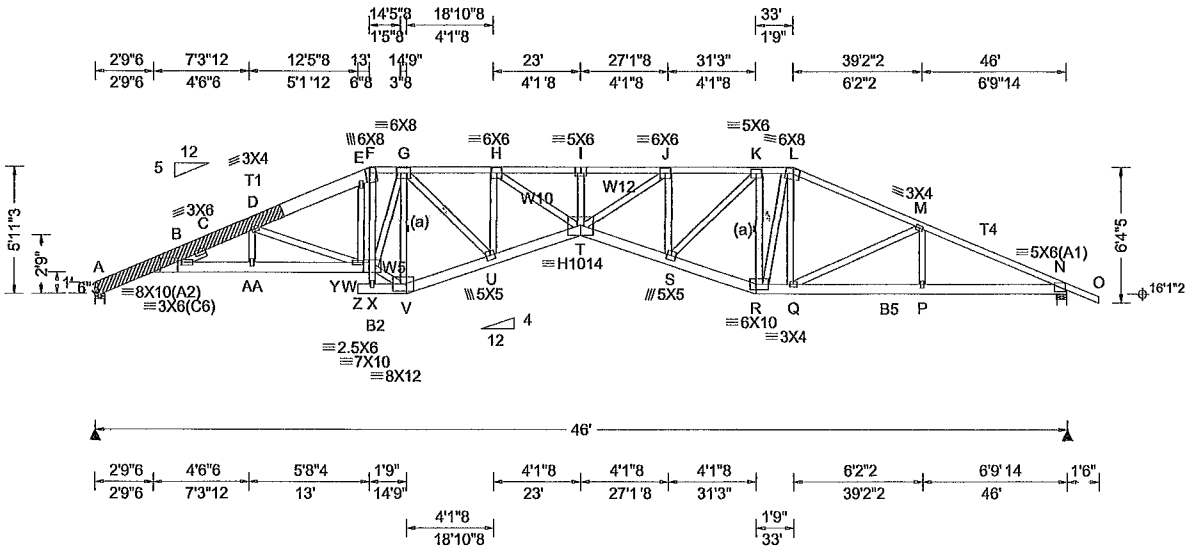
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 402355 HIPS FROM CDM	Ply: 1 Qty: 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** B06	Cust: R 215 JRef: 1YbL2150001 T14 DrwNo: 195.25 1049.05520 KD / FV 07/14/2025	



Loading Criteria (psf)
TCLL. 20 00
TCDL 10.00
BCLL 0 00
BCDL. 10 00
Des Ld 40 00
NCBCLL. 10 00
Soffit: 2 00
Load Duration 1.25
Spacing 24 0 "

Wind Criteria
Wind Std ASCE 7-22
Speed 130 mph
Enclosure Closed
Risk Category II
EXP C Kzt: NA
Mean Height: 19 01 ft
TCDL. 5 0 psf
BCDL 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a. 4.60 ft
Loc. from endwall. not in 13.00 ft
GCpi 0.18
Wind Duration 1 60

Snow Criteria (Pg,Pf in PSF)
Pg NA Ct: NA CAT NA
Pf: NA Ce. NA
Lu NA Cs. NA
Snow Duration NA

Building Code:
FBC 8th Ed. 2023 Res.
TPI Std 2014
Rep Fac: Yes
FT/RT 20(0)/10(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.637	I	857	240
VERT(CL): 1 280	I	426	180
HORZ(LL): 0.269	N	-	-
HORZ(TL): 0.541	N	-	-

Creep Factor: 2.0
Max TC CSI 0 639
Max BC CSI 0.825
Max Web CSI 0.896

VIEW Ver: 24.02 00D 0611 08

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
A	1839	/-	/-	/1024	/170	/149
N	1979	/-	/-	/1065	/160	/-

Wind reactions based on MWFRS
A Brg Wid = 5.5 Min Req = 2.0 (Truss)
N Brg Wid = 5.5 Min Req = 2.3 (Truss)
Bearings A & N are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
A - B	311	-699	H - I	2826	-7477
B - C	1696	-4897	I - J	2826	-7477
C - D	1958	-5534	J - K	1945	-4912
D - E	1608	-4305	K - L	1367	-3343
E - F	1608	-4112	L - M	1332	-3473
F - G	1525	-3918	M - N	1350	-3923
G - H	1934	-4882			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens	Comp
B -AA	5339	-1790	T - S	5280	-1837
AA- Y	5336	-1790	S - R	3535	-1187
Y - W	3943	-1285	R - Q	3138	-1020
V - U	3492	-1157	Q - P	3546	-1155
U - T	5254	-1809	P - N	3546	-1151

Maximum Web Forces Per Ply (lbs)

Webs	Tens	Comp.	Webs	Tens	Comp
B - C	274	-738	H - T	3042	-1100
D - Y	575	-1562	T - J	3006	-1078
F - W	1208	-497	J - S	832	-2032
W - G	1604	-485	S - K	2259	-832
W - V	3962	-1313	K - R	718	-1713
G - V	1060	-3060	R - L	681	-339
G - U	2208	-810	Q - M	166	-467
U - H	831	-2044			

Lumber

Top chord 2x4 SP M-31, T1 2x8 SP 2400f-2.0E,
T4 2x4 SP #2,
Bot chord 2x6 SP 2400f-2.0E, B2,B5 2x6 SP #2,
Webs 2x4 SP #3, W5,W10,W12 2x4 SP #2,
Lt Slider: 2x4 SP #3, block length = 1 500'

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted

Tray Scab(s)

(1) 2x8x9-8-4 x SP 2400f-2 0E scab at left end. Attach scab to face of chord with 0 131"x3", min. nails @ 8" oc, plus additional nail clusters at: BRG (10), heel: (23), 1st panel point: (14).

Purlins

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

Wind

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

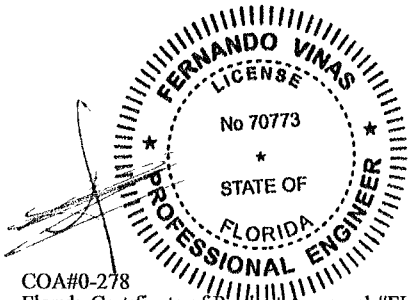
Wind loading based on both gable and hip roof types

Laterally brace top chord below filler and bottom chord above filler at 24" o.c., including a lateral brace at chord ends (If no rigid diaphragm exists at that point).

Additional Notes

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

The overall height of this truss excluding overhang is 5-11-3



COA#0-278
Florida Certificate of Product Approval #FL1999
07/14/2025

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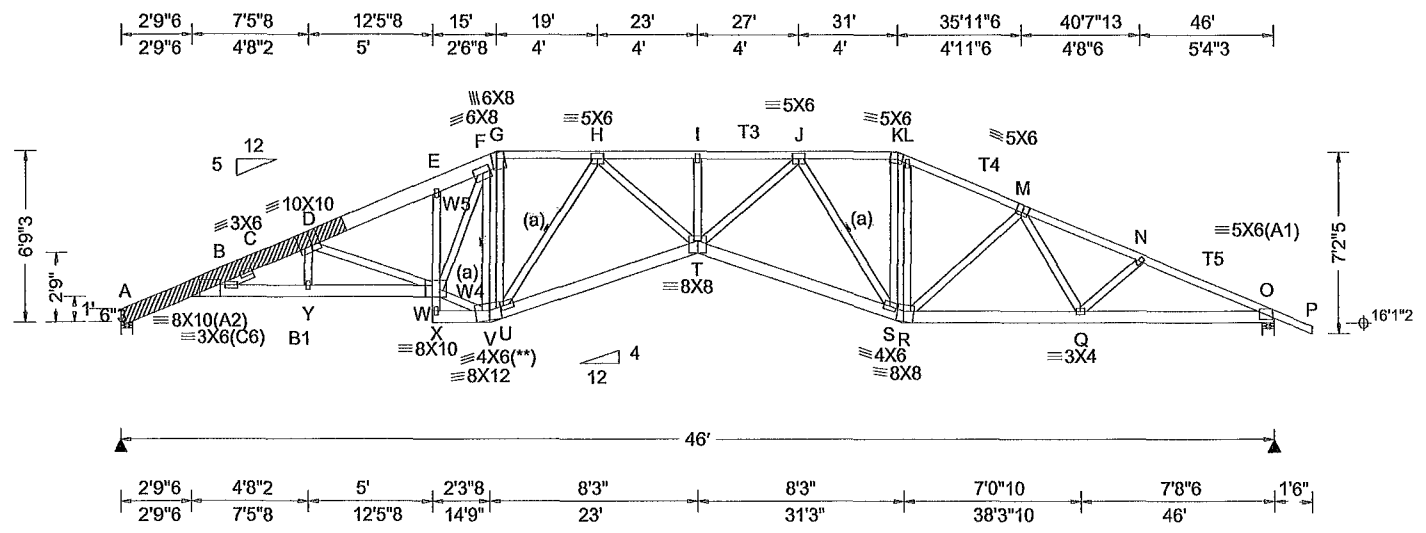
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 402353 HIPS FROM CDM	Ply: 1 Qty 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label.** B07	Cust: R 215 JRef: 1YbL2150001 T7 DrwNo: 195.25.1049.09460 KD / FV 07/14/2025	



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**			
TCLL.	20 00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT NA	PP Deflection in	loc	L/defl	L/#
TCDL.	10 00	Speed 130 mph	Pf: NA Ce NA	VERT(LL): 0.525	I	999	240
BCLL.	0 00	Enclosure: Closed	Lu NA Cs NA	VERT(CL): 1 054	I	518	180
BCDL.	10 00	Risk Category: II	Snow Duration NA	HORZ(LL): 0 250	O	-	-
Des Ld.	40 00	EXP C Kzt: NA		HORZ(TL): 0 502	O	-	-
NCBCLL.	10 00	Mean Height. 19.42 ft	Building Code	Creep Factor: 2.0			
Soffit:	2 00	TCDL 5.0 psf	FBC 8th Ed 2023 Res.	Max TC CSI 0 614			
Load Duration	1.25	BCDL 5.0 psf	TPI Std 2014	Max BC CSI 0.858			
Spacing	24 0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI 0.893			
		C&C Dist a 4.60 ft	FT/RT:20(0)/10(0)				
		Loc from endwall. not in 13.00 ft	Plate Type(s).				
		GCpi 0 18	WAVE	VIEW Ver: 24.02.00D 0611.08			
		Wind Duration 1 60					

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1839	/-	/-	/1023	/167	/170
O	1979	/-	/-	/1068	/155	/-

Wind reactions based on MWFRS
A Brg Wid = 5.5 Min Req = 2 0 (Truss)
O Brg Wid = 5.5 Min Req = 2 3 (Truss)
Bearings A & O are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
A - B	307	-699	H - I	2248	-5860
B - C	1674	-4886	I - J	2248	-5860
C - D	1935	-5531	J - K	1266	-3066
D - E	1661	-4481	K - L	1344	-3285
E - F	1734	-4425	L - M	1293	-3309
F - G	1298	-3231	M - N	1327	-3760
G - H	1274	-3093	N - O	1360	-3962

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens.	Comp
B - Y	5332	-1765	T - S	4386	-1484
Y - W	5336	-1768	S - R	3052	-975
V - U	3028	-966	R - Q	3337	-1091
U - T	4373	-1477	Q - O	3589	-1169

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp	Webs	Tens	Comp.
B - C	272	-748	U - H	817	-2040
D - W	446	-1344	H - T	2344	-781
W - F	2561	-922	T - J	2326	-772
W - V	3469	-1111	J - S	856	-2112
F - V	633	-1934	S - K	1198	-444
G - U	958	-310	R - M	192	-506

Lumber

Top chord 2x8 SP 2400f-2.0E, T3 2x4 SP M-31, T4, T5 2x4 SP #2,
Bot chord 2x6 SP #2, B1 2x6 SP 2400f-2 0E,
Webs 2x4 SP #3; W4,W5 2x4 SP #2;
Lt Slider: 2x4 SP #3, block length = 1.500'

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted

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

Tray Scab(s)

(1) 2x8x9-8-4 x SP 2400f-2.0E scab at left end Attach scab to face of chord with 0 131"x3", min nails @ 8" oc, plus additional nail clusters at: BRG. (10), heel: (23), 1st panel point: (14)

Purlins

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

Wind

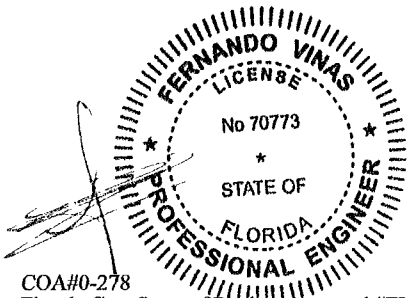
Wind loads based on MWFRS with additional C&C member design.

Wind loading based on both gable and hip roof types.

Additional Notes

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

The overall height of this truss excluding overhang is 6-9-3



COA#0-278
Florida Certificate of Product Approval #FL1999
07/14/2025

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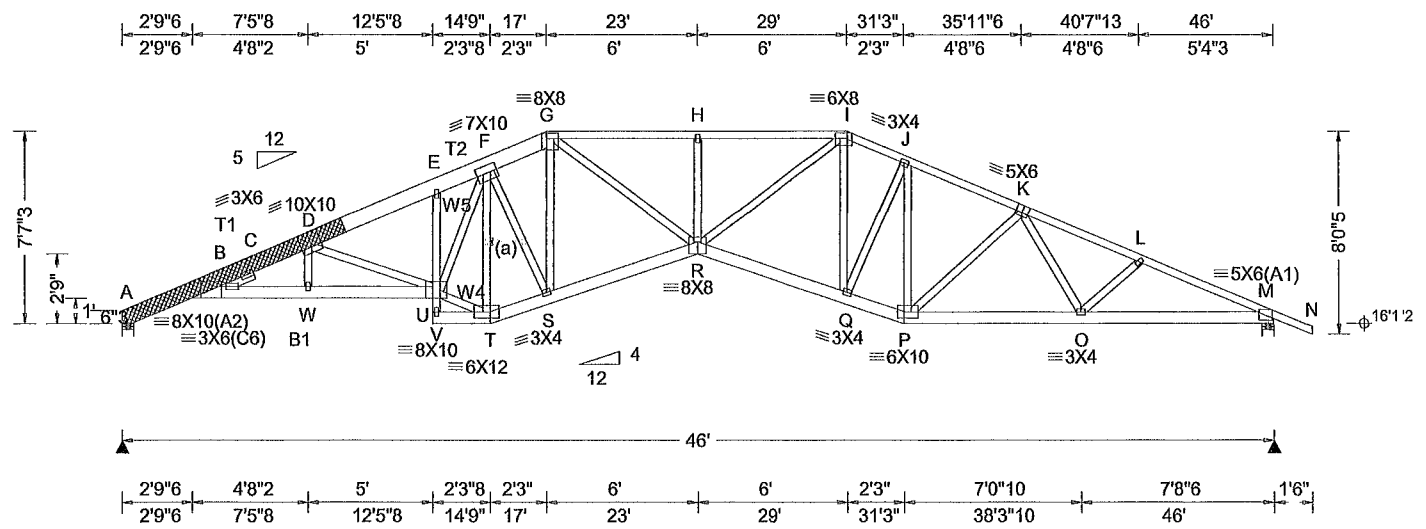
For more information see these web sites. Alpine alpineitw.com; TPI tpinst.org, SBCA. sbcacomponents com, ICC iccsafe.org, AWC. awc.org

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

SEQN 402357 HIPS FROM CDM	Ply 1 Qty 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label** B08	Cust: R 215 JRef 1YbL2150001 T27 DrwNo: 195.25.1049.17867 KD / FV 07/14/2025	



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**					**▲Maximum Reactions (lbs)**					
TCLL	20 00	Wind Std ASCE 7-22	Pg NA Ct. NA CAT NA	PP Deflection in	loc	L/defl	L/#			Gravity			Non-Gravity	
TCDL	10 00	Speed 130 mph	Pf NA Ce. NA	VERT(LL):	0.489 H	999	240		Loc	R+ / R-	/ Rh		/ Rw	/ U / RL
BCLL.	0 00	Enclosure Closed	Lu NA Cs. NA	VERT(CL)	0 982 H	556	180		A	1839 /-	/-		/1026	/158 /191
BCDL.	10 00	Risk Category II	Snow Duration NA	HORZ(LL):	0 233 M	-	-		M	1979 /-	/-		/1071	/146 /-
Des Ld	40 00	EXP C Kzt. NA		HORZ(TL)	0.468 M	-	-		Wind reactions based on MWFRS					
NCBCLL.	10 00	Mean Height: 19.84 ft	Building Code	Creep Factor 2.0					A Brg Wid = 5.5 Min Req = 2 0 (Truss)					
Soffit:	2 00	TCDL. 5 0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI	0 942				M Brg Wid = 5.5 Min Req = 2 3 (Truss)					
Load Duration	1 25	BCDL 5 0 psf	TPI Std 2014	Max BC CSI	0.857				Bearings A & M are a rigid surface					
Spacing	24 0 "	MWFRS Parallel Dist: h to 2h	Rep Fac. Yes	Max Web CSI	0.803				Members not listed have forces less than 375#					
		C&C Dist a 4.60 ft	FT/RT.20(0)/10(0)											
		Loc. from endwall. not in 13 00 ft	Plate Type(s)											
		GCpi 0.18	WAVE											
		Wind Duration. 1 60		VIEW Ver: 24.02 00D 0611.08										

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
A - B	301	-699	G - H	1869	-4788
B - C	1649	-4901	H - I	1867	-4785
C - D	1906	-5548	I - J	1372	-3377
D - E	1643	-4496	J - K	1277	-3285
E - F	1681	-4396	K - L	1306	-3769
F - G	1395	-3448	L - M	1341	-3969

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
B - W	5350	-1737	R - Q	3273	-1020
W - U	5354	-1740	Q - P	3137	-993
T - S	3191	-1035	P - O	3335	-1068
S - R	3298	-1051	O - M	3595	-1151

Maximum Web Forces Per Ply (lbs)

Webs	Tens	Comp	Webs	Tens	Comp
B - C	268	-749	G - R	2067	-748
D - U	435	-1347	R - I	2108	-778
U - F	2517	-827	P - J	224	-527
U - T	3433	-1113	P - K	171	-484
F - T	815	-2435			

Lumber

Top chord. 2x4 SP #2; T1 2x8 SP 2400f-2 0E,
T2 2x8 SP #2,
Bot chord 2x6 SP #2, B1 2x6 SP 2400f-2 0E,
Webs: 2x4 SP #3; W4,W5 2x4 SP #2,
Lt Slider 2x4 SP #3, block length = 1.500'

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted

Tray Scab(s)

(2) 2x8x9-8-4 x SP 2400f-2 0E scabs at left end
Attach one scab to each outer face of chord with
0 131"x3", min nails @ 8" oc, Plus additional nail clusters at BRG (7), heel (15), 1st panel point: (9)

Purlins

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

Wind

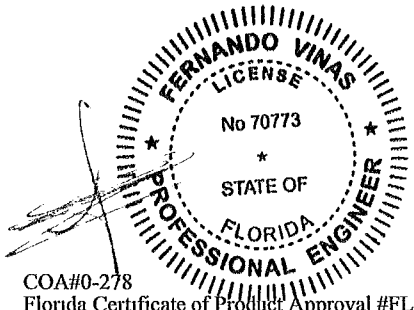
Wind loads based on MWFRS with additional C&C member design

Wind loading based on both gable and hip roof types

Additional Notes

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

The overall height of this truss excluding overhang is 7-7-3



COA#0-278
Florida Certificate of Product Approval #FL1999
07/14/2025

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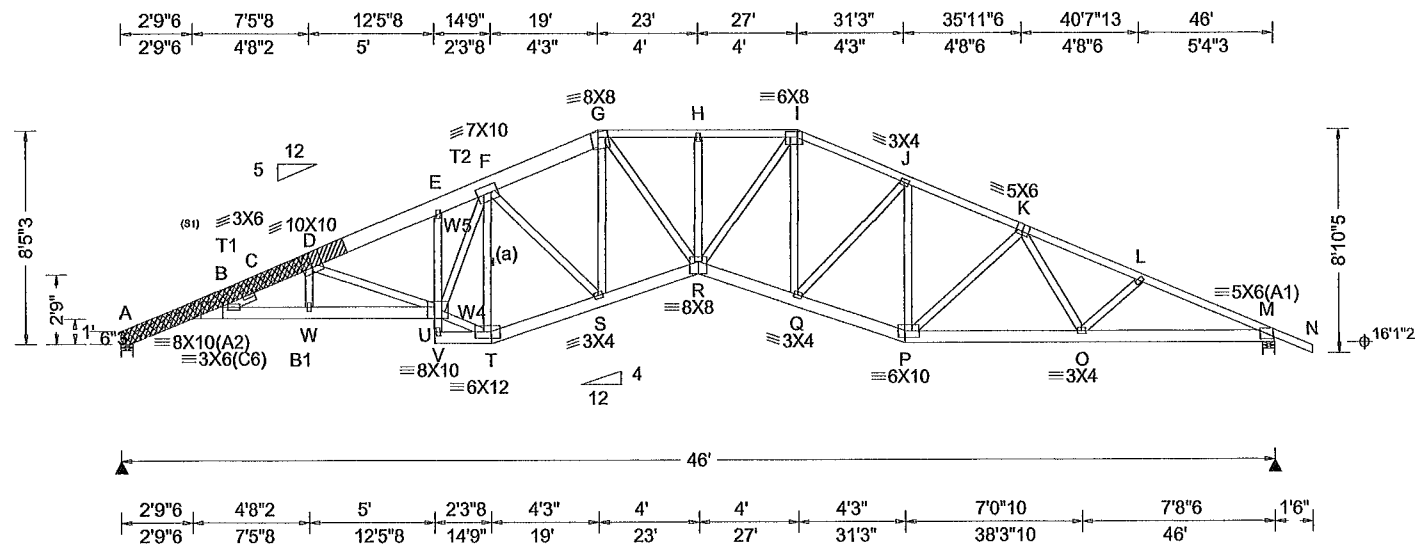
For more information see these web sites Alpine alpineitw com, TPI tpinst.org, SBCA. sbcacomponents.com, ICC iccsafe.org, AWC awc.org

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

SEQN 402361 HIPS FROM. CDM	Ply· 1 Qty· 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label** B09	Cust: R 215 JRef·1YbI.2150001 T36 DrwNo· 195.25.1049.20103 KD / FV 07/14/2025	



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL. 20 00	Wind Std ASCE 7-22	Pg· NA Ct: NA CAT NA	PP Deflection in loc L/defl L/#
TCDL. 10 00	Speed 130 mph	Pf· NA Ce NA	VERT(LL): 0.419 H 999 240
BCLL. 0 00	Enclosure Closed	Lu NA Cs NA	VERT(CL) 0 841 H 649 180
BCDL. 10 00	Risk Category· II	Snow Duration. NA	HORZ(LL)· 0 213 M - -
Des Ld 40 00	EXP· C Kzt: NA		HORZ(TL): 0.427 M - -
NCBCLL. 10 00	Mean Height: 20.26 ft	Building Code	Creep Factor· 2.0
Soffit: 2 00	TCDL. 5.0 psf	FBC 8th Ed 2023 Res	Max TC CSI 0 623
Load Duration 1 25	BCDL 5.0 psf	TPI Std 2014	Max BC CSI 0.858
Spacing 24 0 "	MWFRS Parallel Dist: h to 2h	Rep Fac. Yes	Max Web CSI 0.774
	C&C Dist a. 4.60 ft	FT/RT·20(0)/10(0)	
	Loc from endwall· not in 13 00 ft	Plate Type(s).	
	GCpi 0 18	WAVE	VIEW Ver: 24.02.00D 0611.08
	Wind Duration 1 60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	1839	/-	/-	/1026	/147	/211
M	1979	/-	/-	/1070	/135	/-

Wind reactions based on MWFRS
A Brg Wid = 5.5 Min Req = 2 0 (Truss)
M Brg Wid = 5 5 Min Req = 2 3 (Truss)
Bearings A & M are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
A - B	286	-699	G - H	1459	-4011
B - C	1506	-4901	H - I	1457	-4007
C - D	1741	-5548	I - J	1265	-3444
D - E	1489	-4496	J - K	1163	-3286
E - F	1516	-4391	K - L	1197	-3770
F - G	1280	-3501	L - M	1234	-3970

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
B - W	5350	-1577	R - Q	3301	-893
W - U	5354	-1580	Q - P	3147	-892
T - S	3205	-934	P - O	3332	-958
S - R	3329	-920	O - M	3596	-1054

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp	Webs	Tens	Comp
B - C	244	-749	G - R	1405	-452
D - U	420	-1347	R - I	1460	-482
U - F	2523	-735	P - J	216	-513
U - T	3430	-995	P - K	165	-474
F - T	773	-2468			

Lumber

Top chord 2x4 SP #2; T1 2x8 SP 2400f-2 0E,
T2 2x8 SP #2;
Bot chord 2x6 SP #2; B1 2x6 SP 2400f-2 0E,
Webs. 2x4 SP #3, W4,W5 2x4 SP #2,
Lt Slider· 2x4 SP #3, block length = 1 500'

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 2X4 except as noted

Tray Scab(s)

(1) 2x8x9-8-4 x SP 2400f-2 0E scab at left end Attach scab to face of chord with 0 131"x3", min nails @ 8" oc, plus additional nail clusters at: BRG (10), heel (23), 1st panel point. (14)

Purlins

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

Wind

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

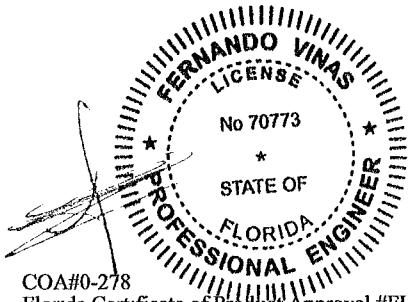
Wind loading based on both gable and hip roof types

Additional Notes

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

(2) 2x8x7-11-13 x SP 2400f-2 0E Top chord scabs centered 3-11-10 from left end. Attach one to each outer face of chord with (4) rows of 0 131"x3", min nails @ 12" oc, staggered 6"

The overall height of this truss excluding overhang is 8-5-3



COA#0-278
Florida Certificate of Product Approval #FL1999
07/14/2025

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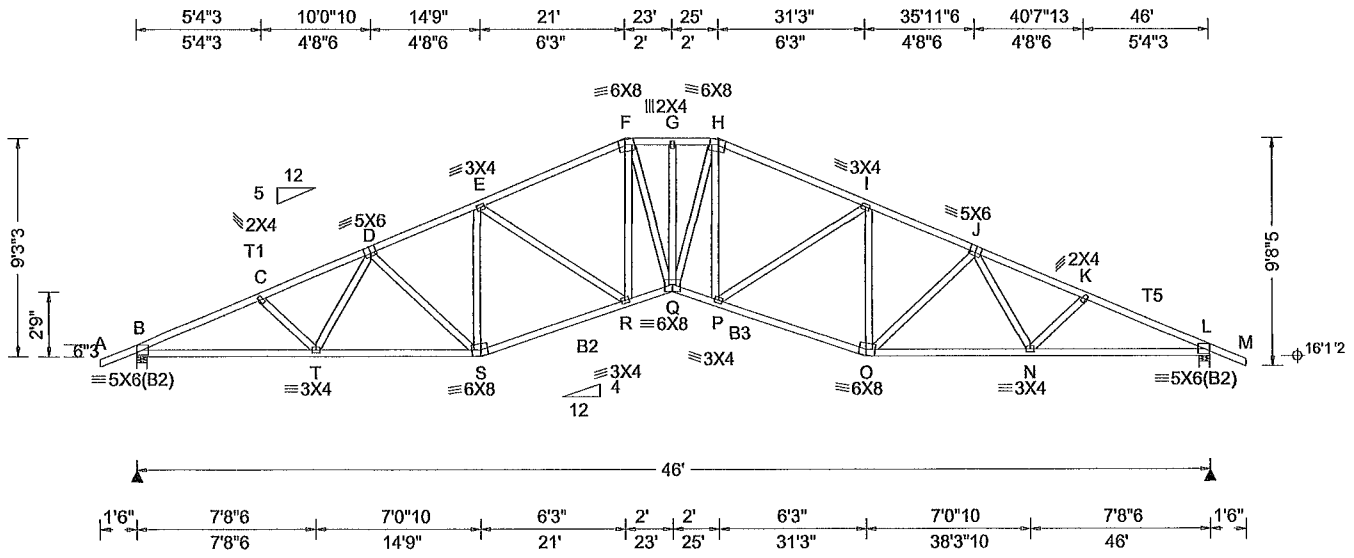
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 799938 / HIPS FROM CDM	Ply 1 Qty 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** B10	Cust: R 215 JRef 1YbL2150001 T17 / DrwNo: 192.25.1041 12525 SSB / DF 07/11/2025	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL. 20 00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT NA	PP Deflection in loc L/defl L/#
TCDL. 10 00	Speed 130 mph	Pf NA Ce NA	VERT(LL): 0.356 Q 999 240
BCLL 0 00	Enclosure Closed	Lu NA Cs. NA	VERT(CL) 0 722 Q 760 180
BCDL. 10 00	Risk Category II	Snow Duration NA	HORZ(LL): 0 152 L - -
Des Ld 40 00	EXP C Kzt. NA		HORZ(TL): 0 308 L - -
NCBCLL 10 00	Mean Height: 20.49 ft	Building Code	Creep Factor 2 0
Soffit: 2.00	TCDL. 5.0 psf	FBC 8th Ed 2023 Res	Max TC CSI 0.670
Load Duration 1.25	BCDL 5 0 psf	TPI Std 2014	Max BC CSI 0 810
Spacing 24 0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac. Yes	Max Web CSI 0.410
	C&C Dist a 4 60 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall. not in 13 00 ft	Plate Type(s):	VIEW Ver 23 02.04.0123 14
	GCpi 0 18	WAVE	
	Wind Duration 1 60		

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
B	1986	/-	/-	/1157	/419	/252
L	1986	/-	/-	/1157	/419	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1 6 (Truss)
L Brg Wid = 5.5 Min Req = 1 6 (Truss)
Bearings B & L are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
B - C	1088	-3902	G - H	1134	-3437
C - D	1058	-3725	H - I	1099	-3466
D - E	1027	-3278	I - J	1028	-3278
E - F	1104	-3466	J - K	1059	-3725
F - G	1134	-3437	K - L	1089	-3902

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens	Comp
B - T	3502	-930	Q - P	3288	-717
T - S	3313	-844	P - O	3154	-766
S - R	3154	-785	O - N	3313	-826
R - Q	3288	-741	N - L	3502	-913

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens	Comp
D - S	157	-454	Q - H	1009	-272
E - S	204	-523	O - I	198	-523
F - Q	1009	-264	O - J	157	-454

Lumber

Top chord 2x4 SP #2, T1,T5 2x4 SP M-31,
Bot chord 2x4 SP M-31, B2,B3 2x4 SP #2,
Webs 2x4 SP #3,

Purlins

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

Wind

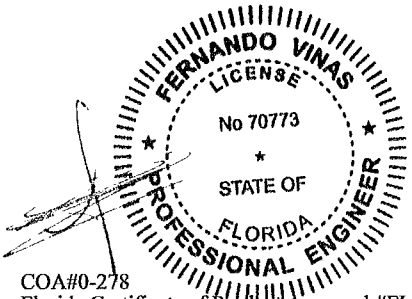
Wind loads based on MWFRS with additional C&C member design

Wind loading based on both gable and hip roof types

Additional Notes

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

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



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07/14/2025

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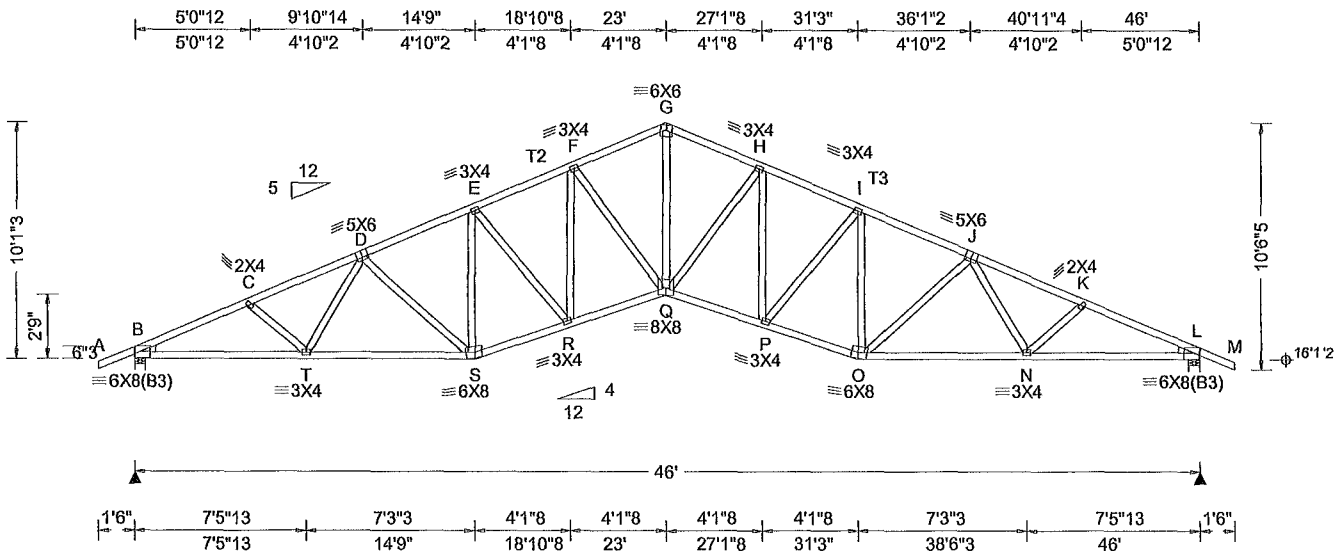
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 799983 / COMN FROM CDM	Ply 1 Qty 10	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** B11	Cust: R 215 JRef: 1YbL2150001 T20 / DrwNo. 192.25.1041 12775 SSB / DF 07/11/2025	



Loading Criteria (psf)

TCLL.	20 00
TCDL.	10 00
BCLL.	0 00
BCDL	10 00
Des Ld	40 00
NCBCLL.	10 00
Soffit:	2.00
Load Duration	1.25
Spacing	27 0 "

Wind Criteria

Wind Std ASCE 7-22
Speed 130 mph
Enclosure Closed
Risk Category II
EXP C Kzt: NA
Mean Height. 21 09 ft
TCDL. 5.0 psf
BCDL. 5 0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a. 4.60 ft
Loc. from endwall not in 7.25 ft
GCpi. 0.18
Wind Duration 1 60

Snow Criteria (Pg,Pf in PSF)

Pg NA Ct: NA CAT NA
Pf NA Ce NA
Lu NA Cs. NA
Snow Duration NA

Building Code
FBC 8th Ed 2023 Res.
TPI Std 2014
Rep Fac. No
FT/RT.20(0)/10(0)
Plate Type(s)
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL).	0 390 Q	999	240
VERT(CL)	0 791 Q	694	180
HORZ(LL):	0 155 L	-	-
HORZ(TL):	0 315 L	-	-

Creep Factor 2.0
Max TC CSI 0 993
Max BC CSI 0.865
Max Web CSI 0 984

VIEW Ver 23 02 04.0123 14

▲ Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	2235	/-	/-	/1292	/472	/305
L	2235	/-	/-	/1292	/472	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1 9 (Truss)
L Brg Wid = 5.5 Min Req = 1 9 (Truss)
Bearings B & L are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
B - C	1102	-4389	G - H	1080	-3788
C - D	1067	-4202	H - I	1090	-3849
D - E	1026	-3685	I - J	1026	-3685
E - F	1086	-3849	J - K	1066	-4202
F - G	1072	-3788	K - L	1101	-4389

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens.	Comp
B - T	3939	-936	Q - P	3709	-693
T - S	3745	-841	P - O	3522	-713
S - R	3522	-734	O - N	3745	-821
R - Q	3709	-718	N - L	3939	-917

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp	Webs	Tens	Comp
D - S	202	-542	O - I	144	-582
E - S	150	-582	O - J	202	-542
G - Q	2584	-650			

Lumber

Top chord 2x4 SP M-31, T2,T3 2x4 SP #2,
Bot chord 2x4 SP M-31,
Webs 2x4 SP #3,
Lt Wedge 2x4 SP #3,Rt Wedge: 2x4 SP #3,

Purlins

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

Wind

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

Wind loading based on both gable and hip roof types

Additional Notes

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

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

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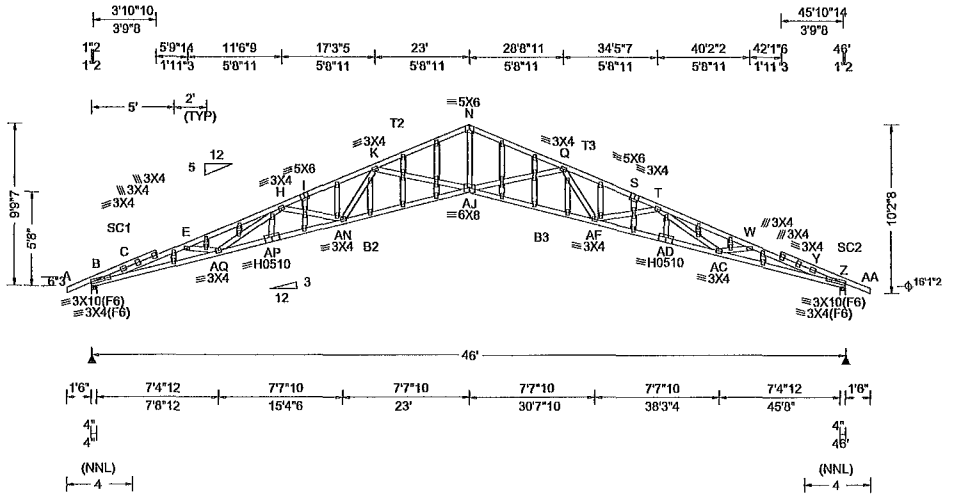
SEQN 799997 / GABL FROM CDM Page 1 of 2	Ply: 2 Qty: 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** C01	Cust: R 215 JRef: 1YbL2150001 T10 / DrwNo. 192.25.1041 12635 SSB / DF 07/11/2025

2 Complete Trusses Required



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL. 20 00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT NA	PP Deflection in loc L/defl L/#
TCDL 10 00	Speed 130 mph	Pf: NA Ce NA	VERT(LL): 0 918 AI 596 240
BCLL 0 00	Enclosure Closed	Lu. NA Cs: NA	VERT(CL): 1 866 AI 293 180
BCDL. 10 00	Risk Category: II	Snow Duration NA	HORZ(LL) 0.575 Z - -
Des Ld. 40 00	EXP: C Kzt: NA		HORZ(TL): 1 168 Z - -
NCBCLL. 0 00	Mean Height: 20 93 ft	Building Code	Creep Factor: 2 0
Soffit: 2.00	TCDL 5.0 psf	FBC 8th Ed 2023 Res.	Max TC CSI 0.539
Load Duration 1.25	BCDL 5 0 psf	TPI Std 2014	Max BC CSI 0 967
Spacing 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac. Yes	Max Web CSI 0 831
	C&C Dist a. 4.60 ft	FT/RT.20(0)/10(0)	
	Loc. from endwall Any	Plate Type(s):	
	GCpi. 0.18	WAVE, HS	VIEW Ver: 23 02 04 0123 14
	Wind Duration 1 60		

▲ Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	1991	/-	/-	/1126	/338	/249
Z	1991	/-	/-	/1126	/338	/-

Wind reactions based on MWFRS
B Brg Wid = 4.0 Min Req = 1 5 (Truss)
Z Brg Wid = 4 0 Min Req = 1 5 (Truss)
Bearings B & Z are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp
B - C	1901	-5089	N - Q	1196	-3085
C - E	1930	-5077	Q - S	1613	-4035
E - H	1941	-4946	S - T	1578	-4047
H - I	1586	-4047	T - W	1933	-4946
I - K	1621	-4035	W - Y	1923	-5077
K - N	1193	-3085	Y - Z	1894	-5089

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens	Comp
B -AQ	4845	-1779	AJ-AF	3632	-1258
AQ-AP	4322	-1613	AF-AD	4324	-1597
AP-AN	4324	-1610	AD-AC	4322	-1600
AN-AJ	3632	-1271	AC- Z	4845	-1767

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp	Webs	Tens.	Comp
AQ- H	473	-167	AJ- Q	381	-711
H -AN	256	-502	Q -AF	456	-204
AN- K	456	-204	AF- T	256	-502
K -AJ	381	-711	T -AC	473	-167
N -AJ	2181	-821			

Lumber

Top chord 2x4 SP M-31, T2,T3 2x4 SP #2,
Bot chord 2x4 SP M-31, B2,B3 2x4 SP #2;
Webs 2x4 SP #3,
Stack Chord SC1 2x4 SP #2,
Stack Chord SC2 2x4 SP #2,

Nailnote

Nail Schedule 0 131"x3", min nails
Top Chord 1 Row @12.00" o.c.
Bot Chord 1 Row @12.00" o c.
Webs 1 Row @ 4" o c.
Use equal spacing between rows and stagger nails in each row to avoid splitting

Plating Notes

All plates are 2X4 except as noted

Loading

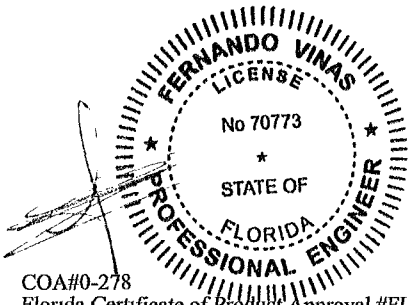
Gable end supports 8" max rake overhang Top chord must not be cut or notched

Wind

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

Wind loading based on both gable and hip roof types

Gable meets L/120 deflection criteria for wind load applied to face Calculated deflection ratio is L/403



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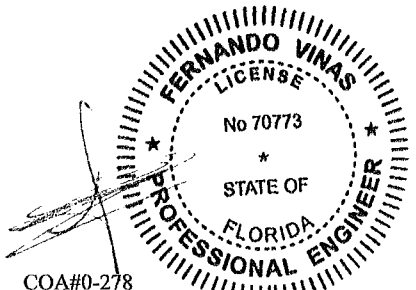
Additional Notes

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

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

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

The overall height of this truss excluding overhang is 9-9-7



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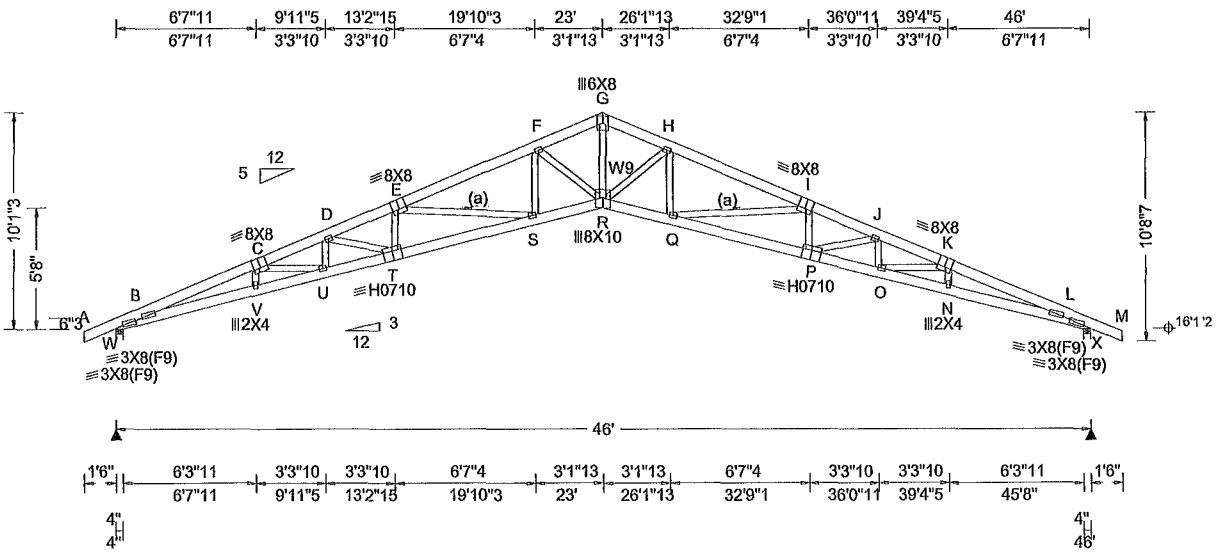
Glenview, IL 60025

SEQN 799985 / COMN FROM CDM	Ply 1 Qty 6	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** C02	Cust R 215 JRef 1YbL2150001 T35 / DrwNo 192.25 1041 12558 SSB / DF 07/11/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL. 20.00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT NA	PP Deflection in loc L/defl L/#
TCDL 10 00	Speed 130 mph	Pf NA Ce. NA	VERT(LL). 0 971 R 564 240
BCLL. 0 00	Enclosure Closed	Lu NA Cs NA	VERT(CL) 1 973 R 278 180
BCDL. 10 00	Risk Category II	Snow Duration NA	HORZ(LL): 0 608 L - -
Des Ld 40 00	EXP C Kzt. NA		HORZ(TL): 1.236 L - -
NCBCLL. 10 00	Mean Height: 21 09 ft	Building Code	Creep Factor 2.0
Soffit: 2 00	TCDL 5 0 psf	FBC 8th Ed 2023 Res	Max TC CSI 0 798
Load Duration 1 25	BCDL. 5.0 psf	TPI Std 2014	Max BC CSI 0 656
Spacing 24.0 "	MWFRS Parallel Dist. 0 to h/2	Rep Fac: Yes	Max Web CSI 0 975
	C&C Dist a 4.60 ft	FT/RT 20(0)/10(0)	
	Loc. from endwall Any	Plate Type(s):	
	GCpi 0.18	WAVE, HS	VIEW Ver 23 02 04.0123 14
	Wind Duration 1 60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
W	1987	/-	/-	/1147	/417	/270
X	1987	/-	/-	/1147	/417	/-

Wind reactions based on MWFRS
W Brg Wid = 4 0 Min Req = 1 6 (Truss)
X Brg Wid = 4 0 Min Req = 1 6 (Truss)
Bearings W & X are a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens	Comp
B - C	3427	-8281	G - H	2341	-5895
C - D	3553	-8623	H - I	2663	-6743
D - E	3321	-8125	I - J	3318	-8125
E - F	2666	-6743	J - K	3550	-8623
F - G	2338	-5895	K - L	3424	-8281

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
B - V	7764	-3093	R - Q	6318	-2090
V - U	7849	-3127	Q - P	7709	-2858
U - T	8200	-3149	P - O	8200	-3145
T - S	7709	-2863	O - N	7849	-3123
S - R	6318	-2095	N - L	7764	-3088

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp	Webs	Tens	Comp
C - U	395	-57	R - H	558	-949
D - T	295	-489	H - Q	625	-217
T - E	409	-88	Q - I	736	-1312
E - S	736	-1312	I - P	409	-88
S - F	625	-217	P - J	296	-489
F - R	558	-949	O - K	395	-58
G - R	4319	-1695			

Lumber

Top chord 2x6 SP #2,
Bot chord 2x6 SP 2400f-2 0E,
Webs 2x4 SP #3, W9 2x4 SP #2,

Bracing

(a) Continuous lateral restraint equally spaced on member

Plating Notes

All plates are 3X4 except as noted

Wind

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

Wind loading based on both gable and hip roof types

Additional Notes

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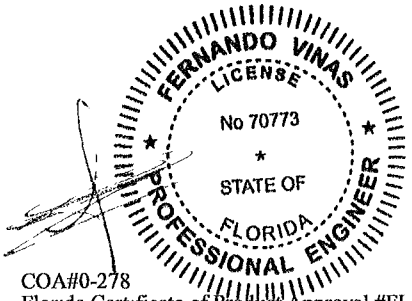
The overall height of this truss excluding overhang is 10-1-3



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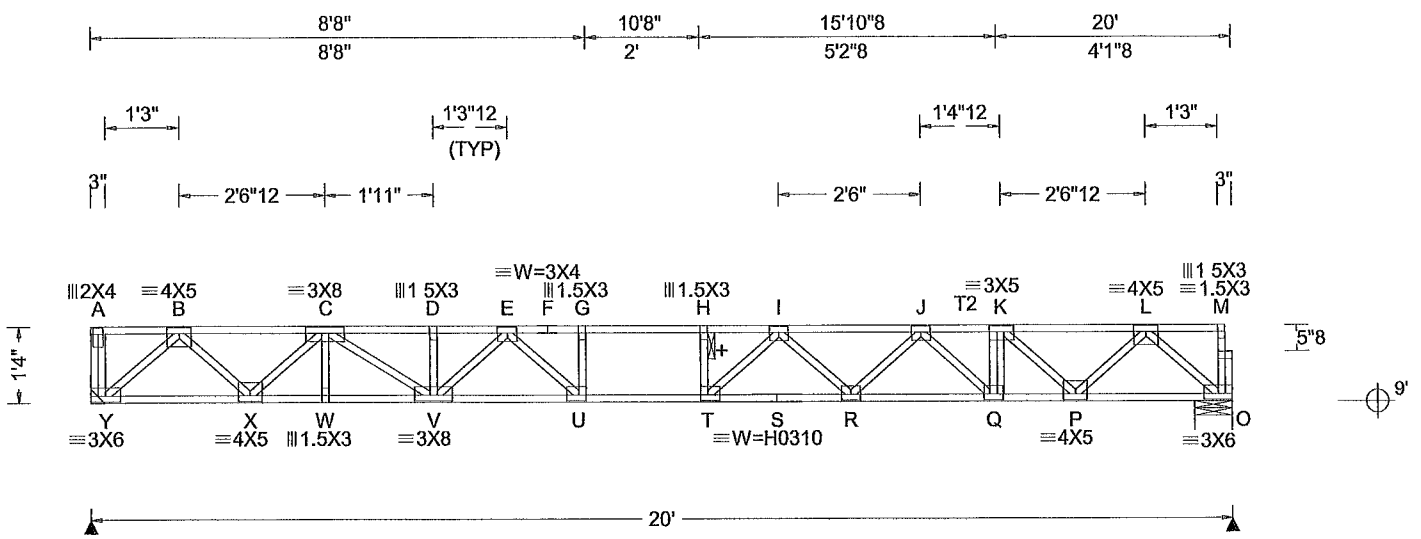
North Building, 4th Floor
Glenview, IL 60025

SEQN 402272 SY42 FROM CDM	Ply: 1 Qty: 15	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** F01	Cust: R 215 JRef: 1YbL2150001 T29 DrwNo: 195.25.1049.24347 KD / FV 07/14/2025	



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**				
TCLL	40 00	Wind Std NA	Pg NA Ct: NA CAT NA	PP Deflection in	loc	L/defl	L/#	
TCDL	10 00	Speed NA mph	Pf: NA Ce NA	VERT(LL):	0.359 H	654	480	
BCLL.	0 00	Enclosure NA	Lu NA Cs NA	VERT(CL):	0.493 H	476	360	
BCDL.	5 00	Category: NA	Snow Duration NA	HORZ(LL)	0 052 B	-	-	
Des Ld	55 00	EXP NA Kzt: NA		HORZ(TL):	0 071 B	-	-	
NCBCLL	10 00	Mean Height: NA ft	Building Code	Creep Factor: 2 0				
Soffit:	0 00	TCDL. NA psf	FBC 8th Ed. 2023 Res	Max TC CSI	0.452			
Load Duration	1 00	BCDL. NA psf	TPI Std 2014	Max BC CSI	0.538			
Spacing	24 0 "	MWFRS Parallel Dist. NA	Rep Fac Yes	Max Web CSI	0.557			
		C&C Dist a NA	FT/RT:12(0)/10(0)					
		Loc. from endwall NA	Plate Type(s)	VIEW Ver: 24.02.00D 0611 08				
		I NA GCpi: NA	WAVE, HS					
		Wind Duration. NA						

Lumber

Top chord 4x2 SP #2, T2 4x2 SP M-31,
Bot chord 4x2 SP M-31,
Webs 4x2 SP #3,

Plating Notes

All plates are 3X4 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

The overall height of this truss excluding overhang is 1-4-0

▲ Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
Y	1104	/-	/-	/-	/-	/-
O	1084	/-	/-	/-	/-	/-

Y Brg Wid = - Min Req = -
O Brg Wid = 8.0 Min Req = 1.5 (Truss)
Bearing O is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

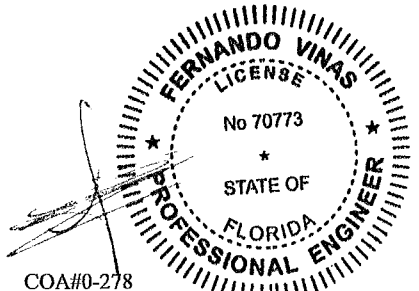
Chords	Tens.	Comp.	Chords	Tens	Comp.
B - C	0	-1905	G - H	0	-4303
C - D	0	-3595	H - I	0	-4297
D - E	0	-3595	I - J	0	-3831
E - F	0	-4291	J - K	0	-2845
F - G	0	-4291	K - L	0	-1945

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens	Comp
Y - X	1064	0	T - S	4181	0
X - W	2769	0	S - R	4181	0
W - V	2769	0	R - Q	3440	0
V - U	4004	0	Q - P	2785	0
U - T	4303	0	P - O	1117	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp	Webs	Tens.	Comp
Y - B	0	-1484	I - R	0	-487
B - X	1170	0	R - J	544	0
X - C	0	-1174	J - Q	0	-821
C - V	976	0	Q - K	578	0
V - E	0	-556	K - P	0	-1142
E - U	699	-39	P - L	1151	0
T - I	552	-210	L - O	0	-1519



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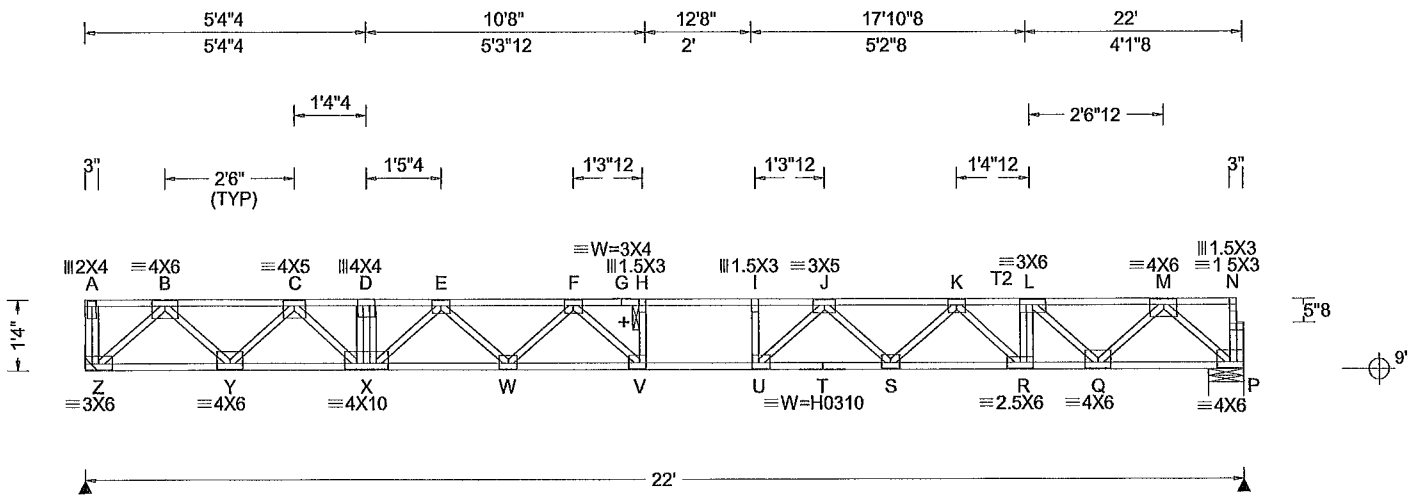
Glenview, IL 60025

SEQN 402288 SY42 FROM CDM	Ply: 1 Qty: 8	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label** F02	Cust: R 215 JRef: 1YbL2150001 T9 DrwNo: 195.25.1049.26533 KD / FV 07/14/2025	



Loading Criteria (psf)		**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**				
TCLL.	40 00	Wind Std NA	Pg NA Ct: NA CAT NA	PP Deflection in	loc	L/defl	L/#	
TCDL.	10 00	Speed NA mph	Pf: NA Ce: NA	VERT(LL):	0.522 H	496	480	
BCLL	0 00	Enclosure NA	Lu NA Cs NA	VERT(CL)	0 717 H	360	360	
BCDL.	5 00	Category: NA	Snow Duration NA	HORZ(LL):	0 077 B	-	-	
Des Ld	55 00	EXP NA Kzt: NA		HORZ(TL).	0 105 B	-	-	
NCBCLL.	10 00	Mean Height: NA ft	Building Code	Creep Factor: 2.0				
Soffit:	0 00	TCDL. NA psf	FBC 8th Ed. 2023 Res	Max TC CSI	0.886			
Load Duration: 1.00		BCDL NA psf	TPI Std: 2014	Max BC CSI	0 666			
Spacing: 24.0 "		MWFRS Parallel Dist. NA	Rep Fac: Yes	Max Web CSI	0.632			
		C&C Dist a. NA	FT/RT 12(0)/10(0)					
		Loc from endwall NA	Plate Type(s).					
		I NA GCpi NA	WAVE, HS	VIEW Ver: 24.02 00D 0611 08				
		Wind Duration NA						

Lumber

Top chord 4x2 SP #2; T2 4x2 SP M-31,
Bot chord 4x2 SP M-31,
Webs 4x2 SP #3,

Plating Notes

All plates are 3X4 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

The overall height of this truss excluding overhang is 1-4-0

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Z	1214	/-	/-	/-	/-	/-
P	1194	/-	/-	/-	/-	/-

Z Brg Wid = - Min Req = -
P Brg Wid = 8.0 Min Req = 1 5 (Truss)
Bearing P is a rigid surface.
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

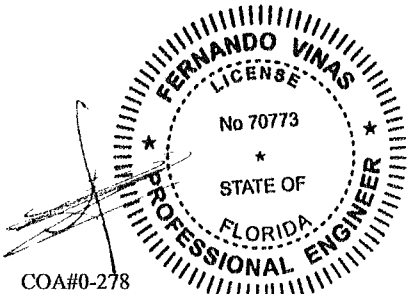
Chords	Tens.	Comp	Chords	Tens	Comp
B - C	0	-2133	H - I	0	-5221
C - D	0	-3810	I - J	0	-5209
D - E	0	-3810	J - K	0	-4410
E - F	0	-4844	K - L	0	-3210
F - G	0	-5217	L - M	0	-2177
G - H	0	-5217			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens	Comp
Z - Y	1178	0	U - T	4893	0
Y - X	3058	0	T - S	4893	0
X - W	4486	0	S - R	3917	0
W - V	5156	0	R - Q	3139	0
V - U	5221	0	Q - P	1237	0

Maximum Web Forces Per Ply (lbs)

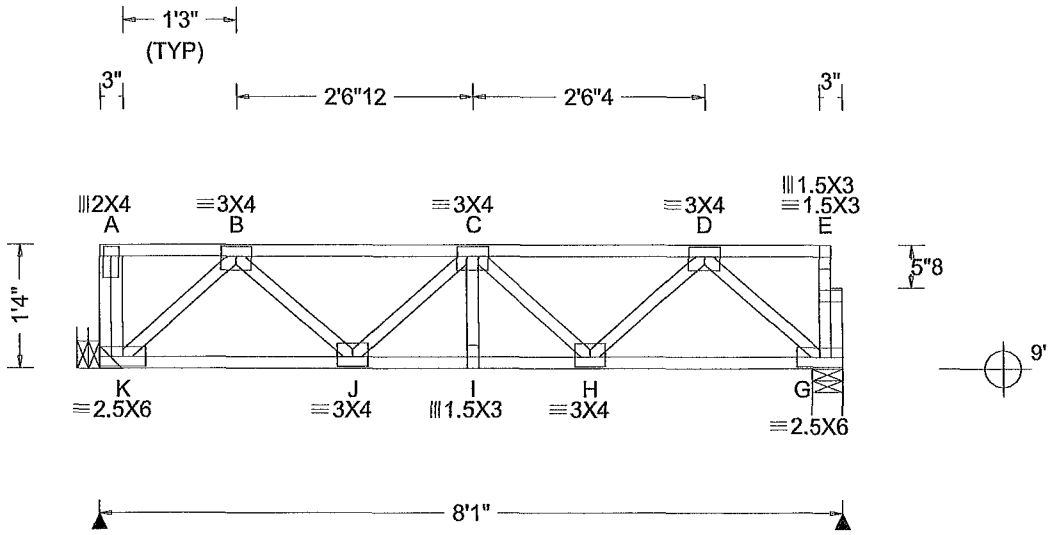
Webs	Tens.	Comp	Webs	Tens	Comp
Z - B	0	-1643	U - J	791	-75
B - Y	1327	0	J - S	0	-672
Y - C	0	-1287	S - K	686	0
C - X	1008	0	K - R	0	-975
X - E	0	-883	R - L	693	0
E - W	498	0	L - Q	0	-1307
W - F	0	-472	Q - M	1308	0
F - V	547	-307	M - P	0	-1681
I - U	0	-388			



COA#0-278
Florida Certificate of Product Approval #FL1999
07/14/2025

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

SEQN 402277 SY42 FROM. CDM	Ply· 1 Qty· 2	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** F03	Cust: R 215 JRef· 1YbL2150001 T4 DrwNo: 195.25.1049.28443 KD / FV 07/14/2025	



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL. 40 00	Wind Std NA	Pg. NA Ct: NA CAT NA	PP Deflection in loc L/defl L/#
TCDL. 10 00	Speed NA mph	Pf· NA Ce. NA	VERT(LL). 0.021 C 999 480
BCLL 0 00	Enclosure NA	Lu NA Cs NA	VERT(CL)· 0 029 C 999 360
BCDL 5 00	Category· NA	Snow Duration NA	HORZ(LL): 0 005 G - -
Des Ld 55 00	EXP· NA Kzt: NA		HORZ(TL). 0.006 G - -
NCBCLL. 10 00	Mean Height: NA ft	Building Code	Creep Factor· 2 0
Soffit: 0 00	TCDL. NA psf	FBC 8th Ed 2023 Res.	Max TC CSI 0 293
Load Duration· 1 00	BCDL. NA psf	TPI Std 2014	Max BC CSI· 0 216
Spacing 24.0 "	MWFRS Parallel Dist. NA	Rep Fac: Yes	Max Web CSI 0 130
	C&C Dist a NA	FT/RT·12(0)/10(0)	
	Loc. from endwall. NA	Plate Type(s).	
	I NA *GCpi*· NA	WAVE	VIEW Ver· 24.02 00D 0611 08
	Wind Duration NA		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	448	/-	/-	/-	/-	/-
G	428	/-	/-	/-	/-	/-

K Brg Wid = - Min Req = -
G Brg Wid = 4 0 Min Req = 1 5 (Truss)
Bearing G is a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens	Comp
B - C	0	-558	C - D	0	-568

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens	Comp
K - J	388	0	I - H	705	0
J - I	705	0	H - G	402	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens	Comp	Webs	Tens	Comp
K - B	0	-543	D - G	0	-547

Lumber

Top chord 4x2 SP #2,
Bot chord 4x2 SP #2;
Webs 4x2 SP #3,

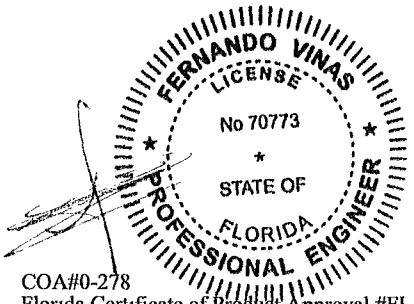
Hangers / Ties

(J) Hanger Support Required, by others

Additional Notes

Truss must be installed as shown with top chord up

The overall height of this truss excluding overhang is 1-4-0



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

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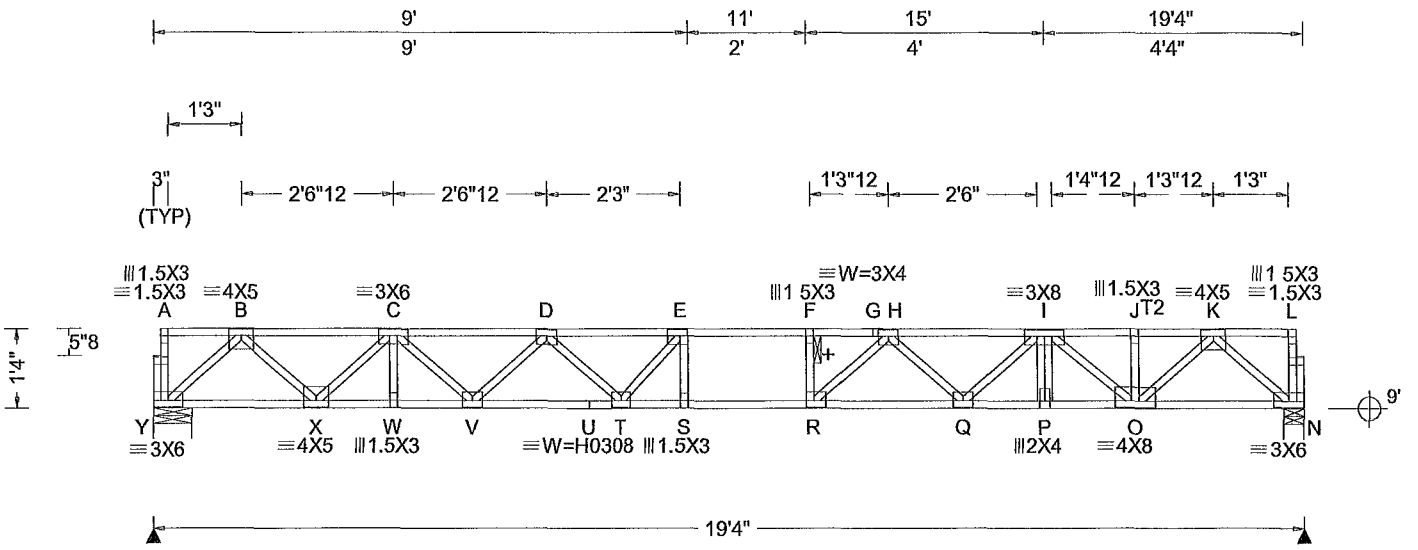
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 402281 SY42 FROM CDM	Ply 1 Qty 21	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** F04	Cust: R 215 JRef 1YbL2150001 T6 DrwNo. 195.25.1049.31077 KD / FV 07/14/2025



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL.	40 00	Wind Std NA	Pg NA Ct. NA CAT NA	PP Deflection in loc L/defl L/#
TCDL	10 00	Speed NA mph	Pf NA Ce. NA	VERT(LL). 0.320 S 711 480
BCLL.	0 00	Enclosure NA	Lu NA Cs. NA	VERT(CL) 0.439 S 518 360
BCDL.	5 00	Category NA	Snow Duration NA	HORZ(LL): 0 049 B - -
Des Ld	55 00	EXP NA Kzt: NA		HORZ(TL): 0.067 B - -
NCBCLL.	10 00	Mean Height: NA ft	Building Code	Creep Factor 2.0
Soffit:	0 00	TCDL NA psf	FBC 8th Ed 2023 Res.	Max TC CSI 0 639
Load Duration	1.00	BCDL. NA psf	TPI Std 2014	Max BC CSI 0.558
Spacing	24 0 "	MWFRS Parallel Dist. NA	Rep Fac: Yes	Max Web CSI 0.579
		C&C Dist a NA	FT/RT 12(0)/10(0)	
		Loc. from endwall NA	Plate Type(s):	
		I NA GCpi. NA	WAVE, HS	VIEW Ver 24.02 00D 0611.08
		Wind Duration NA		

Lumber

Top chord 4x2 SP M-31, T2 4x2 SP #2,
Bot chord 4x2 SP M-31,
Webs 4x2 SP #3,

Plating Notes

All plates are 3X4 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

The overall height of this truss excluding overhang is 1-4-0

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Y	1051	/-	/-	/-	/-	/-
N	1051	/-	/-	/-	/-	/-

Y Brg Wid = 8.0 Min Req = 1 5 (Truss)
N Brg Wid = 4 0 Min Req = 1 5 (Truss)
Bearings Y & N are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

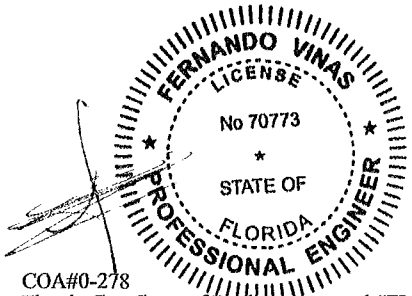
Chords	Tens.	Comp	Chords	Tens	Comp
B - C	0	-1880	G - H	0	-4031
C - D	0	-3217	H - I	0	-3326
D - E	0	-3909	I - J	0	-1953
E - F	0	-4041	J - K	0	-1953
F - G	0	-4031			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens	Comp
Y - X	1077	0	S - R	4041	0
X - W	2692	0	R - Q	3779	0
W - V	2692	0	Q - P	2821	0
V - U	3693	0	P - O	2821	0
U - T	3693	0	O - N	1059	0
T - S	4043	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp	Webs	Tens	Comp
Y - B	0	-1465	R - H	659	-62
B - X	1117	0	H - Q	0	-630
X - C	0	-1103	Q - I	673	0
C - V	714	0	I - O	0	-1108
V - D	0	-661	O - K	1215	0
D - T	468	0	K - N	0	-1440
T - E	135	-508			



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Florida Certificate of Product Approval #FL1999
07/14/2025

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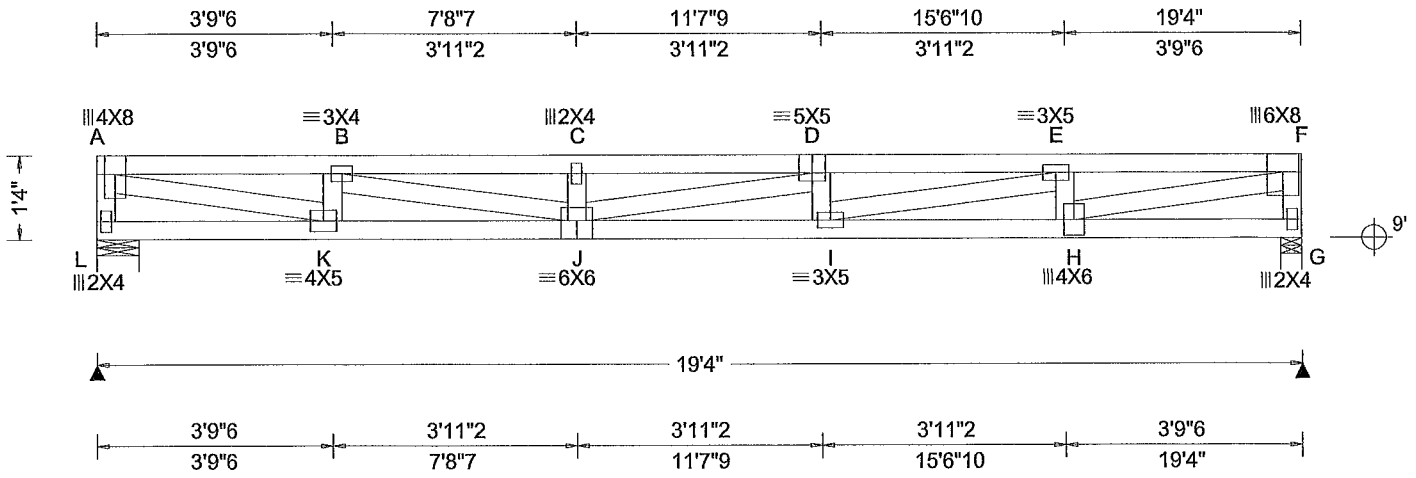
For more information see these web sites. Alpine alpineitw com, TPI tpinst.org, SBCA. sbcacomponents.com, ICC. iccsafe.org, AWC awc.org

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

SEQN 402266 FLAT FROM CDM	Ply 2 Qty 1	**Job Number** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** FT01	Cust: R 215 JRef 1YbL2150001 T2 DrwNo 195.25.1049.46453 KD / FV 07/14/2025	

2 Complete Trusses Required



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL. 20 00	Wind Std ASCE 7-22	Pg NA Ct NA CAT NA	PP Deflection in loc L/defl L/#
TCDL. 10.00	Speed 130 mph	Pf NA Ce NA	VERT(LL). 0 192 D 999 240
BCLL 0 00	Enclosure Closed	Lu NA Cs NA	VERT(CL) 0 384 D 603 180
BCDL. 10 00	Risk Category II	Snow Duration NA	HORZ(LL) 0.026 A - -
Des Ld 40 00	EXP C Kzt: NA		HORZ(TL): 0 052 A - -
NCBCLL 0 00	Mean Height: 15.00 ft	Building Code	Creep Factor 2 0
Soffit. 2 00	TCDL 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI 0.255
Load Duration 1 25	BCDL. 5 0 psf	TPI Std 2014	Max BC CSI 0 931
Spacing 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac. Varies by Ld Case	Max Web CSI 0.603
	C&C Dist a NA	FT/RT 20(0)/10(0)	
	Loc from endwall. Any GCpi 0 18	Plate Type(s).	
	Wind Duration 1 60	WAVE	VIEW Ver 24.02.00D 0611 08

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	971	/-	/-	/-	/155	/-
G	1041	/-	/-	/-	/157	/-

Wind reactions based on MWFRS
L Brg Wid = 8.0 Min Req = 1 5 (Truss)
G Brg Wid = 4 0 Min Req = 1 5 (Truss)
Bearings L & G are a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens	Comp	Chords	Tens.	Comp
A - B	216	-1424	D - E	348	-2668
B - C	349	-2445	E - F	220	-1538
C - D	349	-2445			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp	Chords	Tens	Comp
K - J	1529	-240	I - H	1656	-244
J - I	2680	-360			

Maximum Web Forces Per Ply (lbs)

Webs	Tens	Comp	Webs	Tens	Comp
A - L	83	-460	I - E	1054	-108
A - K	1465	-222	E - H	88	-435
K - B	87	-392	H - F	1583	-226
B - J	949	-114	F - G	84	-493

Lumber

Top chord 2x4 SP #2,
Bot chord 2x4 SP #2,
Webs 2x4 SP #3,

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

Nailnote

Nail Schedule:0 131"x3", min nails
Top Chord 1 Row @12.00" o.c.
Bot Chord 1 Row @12.00" o.c.
Webs 1 Row @ 4" o c.
Use equal spacing between rows and stagger nails in each row to avoid splitting

Special Loads

------(Lumber Dur Fac.=1.25 / Plate Dur Fac.=1 25)
TC From 60 plf at 0 00 to 60 plf at 19.33
BC From 20 plf at 0 00 to 20 plf at 19.33
BC 465 lb Conc. Load at 11 12

Purlins

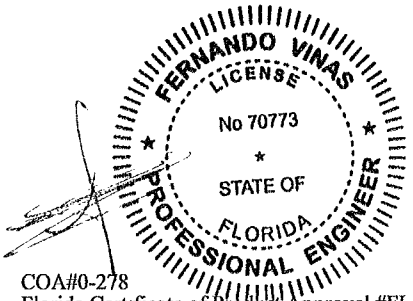
The TC of this truss shall be braced with attached spans at 24" oc in lieu of structural sheathing

Wind

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

Additional Notes

Truss must be installed as shown with top chord up.
The overall height of this truss excluding overhang is 1-4-0



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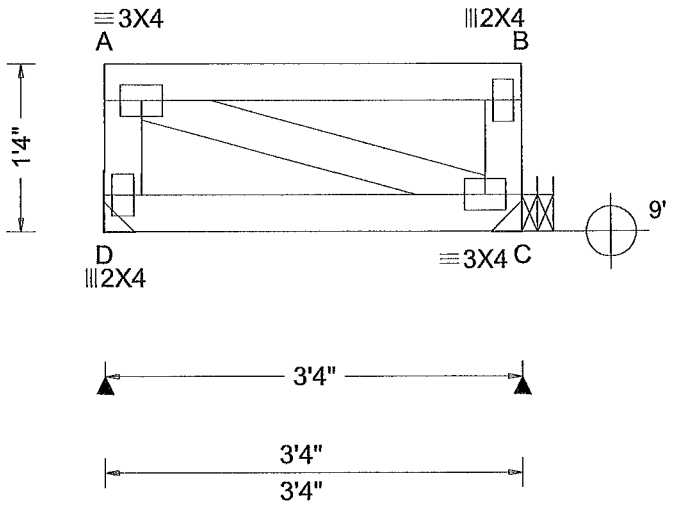
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 402268 FLAT FROM CDM	Ply: 2 Qty: 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** FT02	Cust: R 215 JRef: 1YbL2150001 T5 DrwNo. 195.25.1049.56737 KD / FV 07/14/2025	

2 Complete Trusses Required



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL 20.00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT: NA	PP Deflection in loc L/defl L/#
TCDL. 10 00	Speed 130 mph	Pf: NA Ce NA	VERT(LL): 0 000 A 999 240
BCLL. 0 00	Enclosure Closed	Lu NA Cs. NA	VERT(CL): 0 000 A 999 180
BCDL. 10 00	Risk Category: II	Snow Duration NA	HORZ(LL): 0 000 C - -
Des Ld 40 00	EXP C Kzt. NA		HORZ(TL): 0 000 C - -
NCBCLL. 0 00	Mean Height: 15 00 ft	Building Code	Creep Factor: 2 0
Soffit. 2 00	TCDL 5 0 psf	FBC 8th Ed 2023 Res.	Max TC CSI 0 048
Load Duration 1 25	BCDL 5 0 psf	TPI Std 2014	Max BC CSI 0.508
Spacing 24 0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac. Varies by Ld Case	Max Web CSI 0.085
	C&C Dist a NA	FT/RT 20(0)/10(0)	
	Loc. from endwall: not in 21 00 ft	Plate Type(s)	
	GCpi 0.18	WAVE	VIEW Ver: 24.02.00D 0611.08
	Wind Duration 1 60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D	566	/-	/-	/-	/12	/-
C	465	/-	/-	/-	/12	/-

Wind reactions based on MWFRS
D Brg Wid = - Min Req = -
C Brg Wid = - Min Req = -
Members not listed have forces less than 375#

Lumber

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

Nailnote

Nail Schedule 0 131"x3", min nails
Top Chord 1 Row @12.00" o.c.
Bot Chord 1 Row @ 4 75" 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 30 plf at 0 00 to 30 plf at 3 33
BC From 10 plf at 0 00 to 10 plf at 3 33
BC 448 lb Conc. Load at 0.48, 2.48

Hangers / Ties

(J) Hanger Support Required, by others

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 not exposed to wind pressure

Additional Notes

Truss must be installed as shown with top chord up

The overall height of this truss excluding overhang is 1-4-0

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07/14/2025

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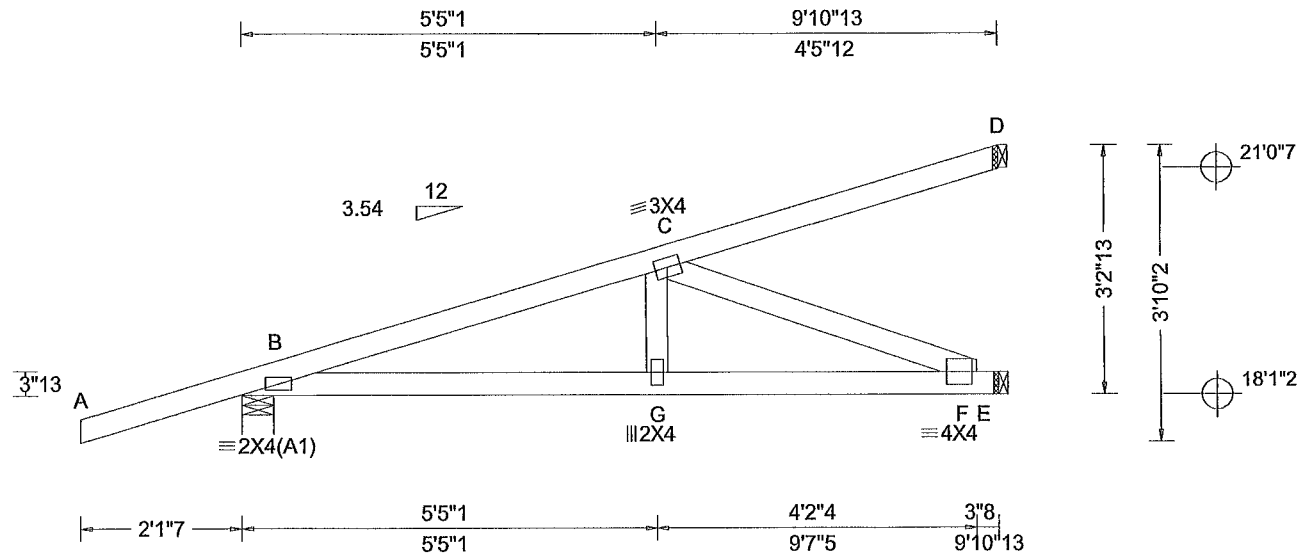
For more information see these web sites. Alpine alpineltw.com, TPI tpinst.org, SBCA sbcacomponents com, ICC iccsafe.org, AWC. awc.org

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

SEQN 799568 / HIP_ FROM CDM	Ply 1 Qty 2	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** HJ01	Cust: R 215 JRef 1YbL2150001 T38 / DrwNo 192.25.1041 12338 SSB / DF 07/11/2025



Loading Criteria (psf)

TCLL.	20.00
TCDL	10.00
BCLL	0 00
BCDL.	10 00
Des Ld	40 00
NCBCLL.	0 00
Soffit:	2 00
Load Duration	1.25
Spacing	24 0 "

Wind Criteria
Wind Std ASCE 7-22
Speed 130 mph
Enclosure Closed
Risk Category II
EXP C Kzt: NA
Mean Height: 19 56 ft
TCDL 5.0 psf
BCDL. 5 0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a 3 00 ft
Loc from endwall NA
GCpi 0 18
Wind Duration 1 60

Snow Criteria (Pg,Pf in PSF)
Pg NA Ct. NA CAT NA
Pf NA Ce: NA
Lu NA Cs. NA
Snow Duration NA

Building Code
FBC 8th Ed 2023 Res.
TPI Std 2014
Rep Fac. No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0 027 G	999	240
VERT(CL):	0.053 G	999	180
HORZ(LL)	0.006 F	-	-
HORZ(TL):	0 012 F	-	-

Creep Factor 2 0
Max TC CSI 0.568
Max BC CSI 0 555
Max Web CSI: 0.353

VIEW Ver: 23 02 04 0123 14

▲ Maximum Reactions (lbs)

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
B	457 /-	/-	/-	/135	/-
E	375 /-	/-	/-	/36	/-
D	241 /-	/-	/-	/118	/-

Wind reactions based on MWFRS
B Brg Wid = 4 9 Min Req = 1 5 (Truss)
E Brg Wid = 1 5 Min Req = -
D Brg Wid = 1 5 Min Req = -
Bearing B is a rigid surface
Members not listed have forces less than 375#

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - C	204	-839

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	785	-187	G - F	777	-192

Maximum Web Forces Per Ply (lbs)

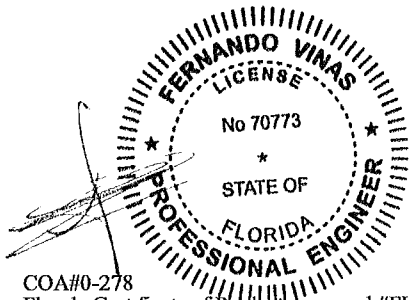
Webs	Tens.	Comp.
C - F	207	-838

Lumber
Top chord 2x4 SP #2,
Bot chord 2x4 SP #2,
Webs 2x4 SP #3,

Loading
Hipjack supports 7-0-0 setback jacks with no webs.

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

Additional Notes
The overall height of this truss excluding overhang is 3-2-13



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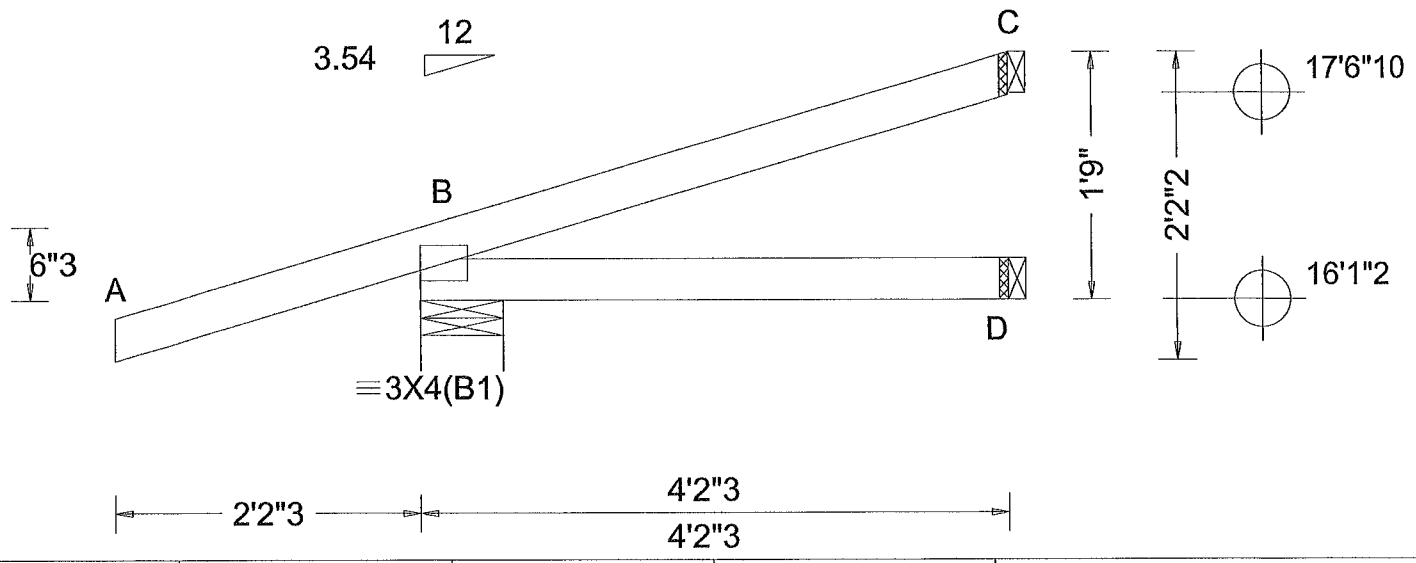
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 799971 / HIP_ FROM CDM	Ply 1 Qty 2	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label.** HJ02	Cust R 215 JRef 1YbL2150001 T3 / DrwNo 192.25.1041 12275 SSB / DF 07/11/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL. 20 00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT NA	PP Deflection in loc L/defl L/#
TCDL 10 00	Speed 130 mph	Pf NA Ce: NA	VERT(LL): NA
BCLL. 0 00	Enclosure Closed	Lu NA Cs NA	VERT(CL) NA
BCDL. 10 00	Risk Category II	Snow Duration NA	HORZ(LL): -0 002 B - -
Des Ld 40 00	EXP C Kzt: NA		HORZ(TL): 0 004 B - -
NCBCLL. 0 00	Mean Height: 16.91 ft	Building Code	Creep Factor 2 0
Soffit: 2 00	TCDL. 5.0 psf	FBC 8th Ed 2023 Res	Max TC CSI 0.420
Load Duration 1.25	BCDL 5 0 psf	TPI Std 2014	Max BC CSI 0 122
Spacing 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: No	Max Web CSI 0 000
	C&C Dist a 3 00 ft	FT/RT 20(0)/10(0)	
	Loc. from endwall NA	Plate Type(s).	
	GCpi 0 18	WAVE	VIEW Ver 23 02 04 0123 14
	Wind Duration 1 60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	220	/-	/-	/-	/69	/-
D	14	/-	/-	/15	/-	/-
C	46	/-	/-	/-	/22	/-

Wind reactions based on MWFRS
B Brg Wid = 7 0 Min Req = 1 5 (Truss)
D Brg Wid = 1 5 Min Req = -
C Brg Wid = 1 5 Min Req = -
Bearing B is a rigid surface
Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #2,
Bot chord 2x4 SP #2,

Loading

Hipjack supports 2-11-8 setback jacks with no webs.

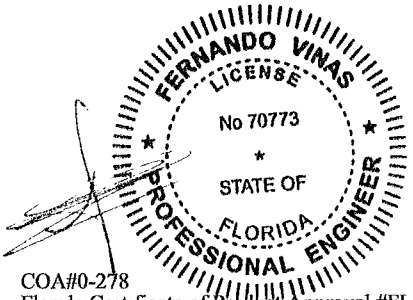
Wind

Wind loads and reactions based on MWFRS

Wind loading based on both gable and hip roof types

Additional Notes

The overall height of this truss excluding overhang is 1-9-0



COA#0-278
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07/14/2025

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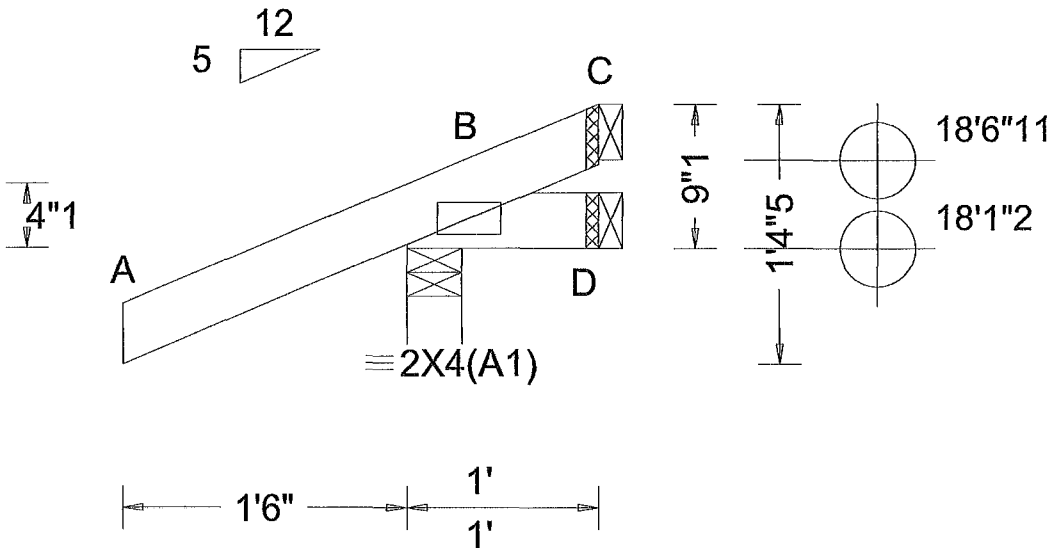
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 799560 / JACK FROM. CDM	Ply: 1 Qty: 4	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** J01	Cust: R 215 JRef: 1YbL2150001 T31 / DrwNo. 192.25.1041 12572 SSB / DF 07/11/2025



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL. 20 00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT NA	PP Deflection in loc L/defl L/#
TCDL. 10.00	Speed 130 mph	Pf: NA Ce: NA	VERT(LL): NA
BCLL 0 00	Enclosure Closed	Lu NA Cs. NA	VERT(CL): NA
BCDL. 10 00	Risk Category: II	Snow Duration NA	HORZ(LL): -0 000 B - -
Des Ld 40 00	EXP C Kzt: NA		HORZ(TL) 0 000 B - -
NCBCLL. 10.00	Mean Height: 18.33 ft	Building Code	Creep Factor: 2.0
Soffit. 2 00	TCDL 5.0 psf	FBC 8th Ed 2023 Res	Max TC CSI 0.240
Load Duration 1 25	BCDL 5 0 psf	TPI Std 2014	Max BC CSI 0 029
Spacing 24 0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI 0 000
	C&C Dist a 3 00 ft	FT/RT 20(0)/10(0)	
	Loc. from endwall Any	Plate Type(s).	
	GCpi. 0.18	WAVE	VIEW Ver 23 02 04.0123 14
	Wind Duration 1.60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	251	/-	/-	/186	/90	/36
D	3	/-18	/-	/19	/16	/-
C	-	/-51	/-	/37	/45	/-

Wind reactions based on MWFRS
B Brg Wid = 3 5 Min Req = 1 5 (Truss)
D Brg Wid = 1 5 Min Req = -
C Brg Wid = 1 5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

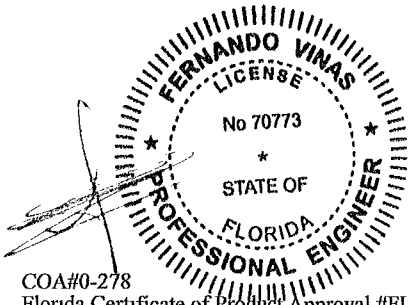
Wind

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

Wind loading based on both gable and hip roof types

Additional Notes

The overall height of this truss excluding overhang is 0-9-1



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07/14/2025

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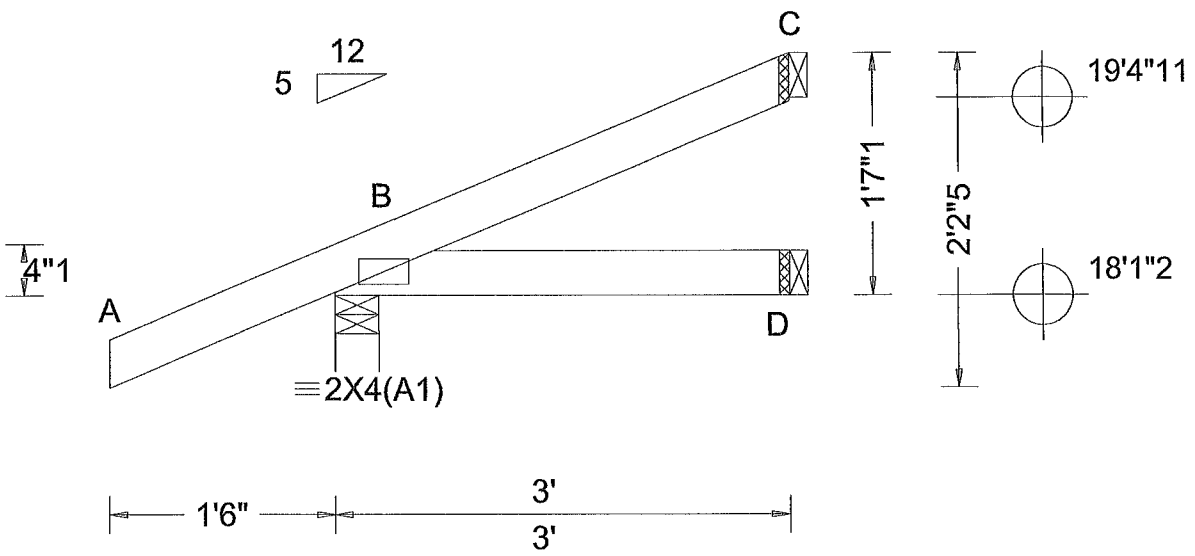
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 799562 / JACK FROM CDM	Ply· 1 Qty· 4	**Job Number·** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** J02	Cust: R 215 JRef· 1YbL2150001 T28 / DrwNo· 192.25.1041 12213 SSB / DF 07/11/2025



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL. 20 00	Wind Std ASCE 7-22	Pg NA Ct. NA CAT NA	PP Deflection in loc L/defl L/#
TCDL 10 00	Speed 130 mph	Pf· NA Ce NA	VERT(LL). NA
BCLL 0 00	Enclosure Closed	Lu. NA Cs NA	VERT(CL) NA
BCDL. 10 00	Risk Category· II	Snow Duration NA	HORZ(LL): 0 001 B - -
Des Ld· 40 00	EXP C Kzt. NA		HORZ(TL) 0 001 B - -
NCBCLL. 10 00	Mean Height: 18.74 ft	Building Code	Creep Factor· 2.0
Soffit: 2 00	TCDL. 5 0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI 0.205
Load Duration 1 25	BCDL 5.0 psf	TPI Std 2014	Max BC CSI 0 061
Spacing 24 0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac· Yes	Max Web CSI 0 000
	C&C Dist a. 3 00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall not in 4.50 ft	Plate Type(s)	
	GCpi 0 18	WAVE	VIEW Ver· 23.02 04.0123 14
	Wind Duration 1 60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	259	/-	/-	/177	/63	/71
D	48	/-	/-	/26	/-	/-
C	61	/-	/-	/29	/37	/-

Wind reactions based on MWFRS
B Brg Wid = 3 5 Min Req = 1 5 (Truss)
D Brg Wid = 1 5 Min Req = -
C Brg Wid = 1 5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #2,
Bot chord 2x4 SP #2,

Wind

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

Wind loading based on both gable and hip roof types

Additional Notes

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

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COA#0-278
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07/14/2025

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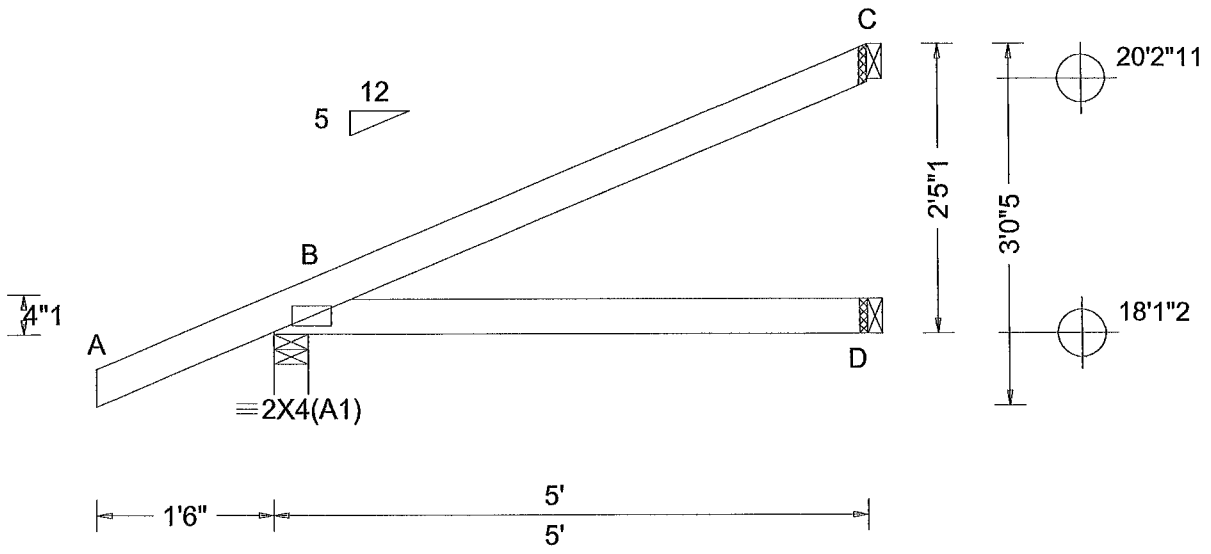
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 799564 / JACK FROM. CDM	Ply· 1 Qty· 4	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label·** J03	Cust: R 215 JRef· 1YbL2150001 T25 / DrwNo. 192.25.1041 12353 SSB / DF 07/11/2025



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL. 20 00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT NA	PP Deflection in loc L/defl L/#
TCDL 10 00	Speed 130 mph	Pf· NA Ce· NA	VERT(LL)· NA
BCLL 0 00	Enclosure Closed	Lu NA Cs NA	VERT(CL) NA
BCDL 10 00	Risk Category· II	Snow Duration NA	HORZ(LL): 0 004 B - -
Des Ld 40 00	EXP C Kzt: NA		HORZ(TL) 0 008 B - -
NCBCLL. 10 00	Mean Height: 19 16 ft	Building Code	Creep Factor· 2 0
Soffit: 2 00	TCDL. 5.0 psf	FBC 8th Ed 2023 Res.	Max TC CSI 0.302
Load Duration 1.25	BCDL 5 0 psf	TPI Std 2014	Max BC CSI 0 228
Spacing 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI 0 000
	C&C Dist a 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall not in 4.50 ft	Plate Type(s):	
	GCpi 0.18	WAVE	VIEW Ver 23.02.04 0123 14
	Wind Duration 1 60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	328	/-	/-	/215	/73	/106
D	89	/-	/-	/48	/-	/-
C	125	/-	/-	/66	/72	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1 5 (Truss)
D Brg Wid = 1 5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #2,
Bot chord 2x4 SP #2,

Wind

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

Wind loading based on both gable and hip roof types

Additional Notes

The overall height of this truss excluding overhang is 2-5-1

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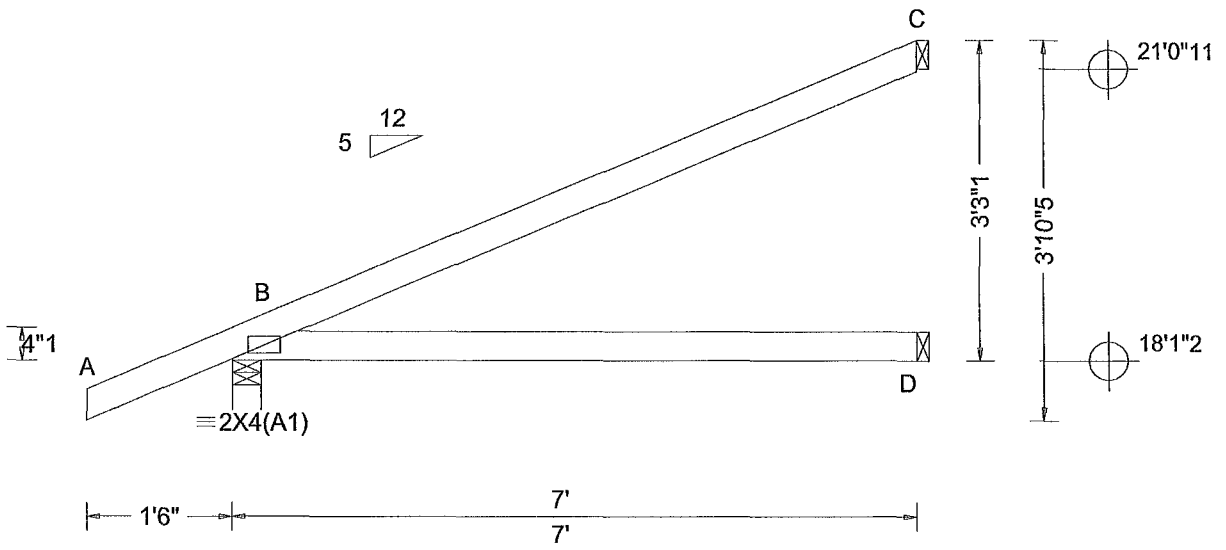
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 799566 / EJAC FROM CDM	Ply 1 Qty 3	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label** J04	Cust: R 215 JRef 1YbL2150001 T37 / DrwNo. 192.25.1041 12761 SSB / DF 07/11/2025



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL. 20 00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT. NA	PP Deflection in loc L/defl L/#
TCDL 10 00	Speed 130 mph	Pf NA Ce NA	VERT(LL) NA
BCLL. 0 00	Enclosure Closed	Lu NA Cs NA	VERT(CL): NA
BCDL. 10 00	Risk Category II	Snow Duration NA	HORZ(LL): 0 014 B - -
Des Ld 40 00	EXP C Kzt: NA		HORZ(TL) 0 028 B - -
NCBCLL. 10 00	Mean Height: 19 58 ft	Building Code	Creep Factor 2 0
Soffit. 2.00	TCDL. 5 0 psf	FBC 8th Ed. 2023 Res	Max TC CSI 0.696
Load Duration 1.25	BCDL 5 0 psf	TPI Std 2014	Max BC CSI 0 504
Spacing 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI 0.000
	C&C Dist a 3.00 ft	FT/RT.20(0)/10(0)	
	Loc. from endwall: not in 4.50 ft	Plate Type(s):	
	GCpi. 0.18	WAVE	VIEW Ver 23.02 04.0123 14
	Wind Duration 1 60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	404	/-	/-	/260	/86	/142
D	128	/-	/-	/70	/-	/-
C	185	/-	/-	/98	/106	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1 5 (Truss)
D Brg Wid = 1 5 Min Req = -
C Brg Wid = 1 5 Min Req = -
Bearing B is a rigid surface
Members not listed have forces less than 375#

Lumber

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

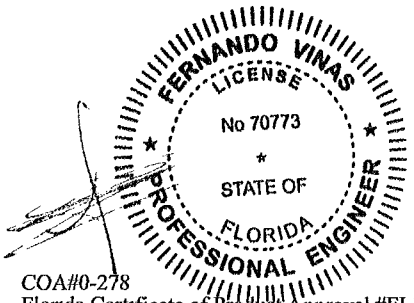
Wind

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

Wind loading based on both gable and hip roof types

Additional Notes

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



COA#0-278
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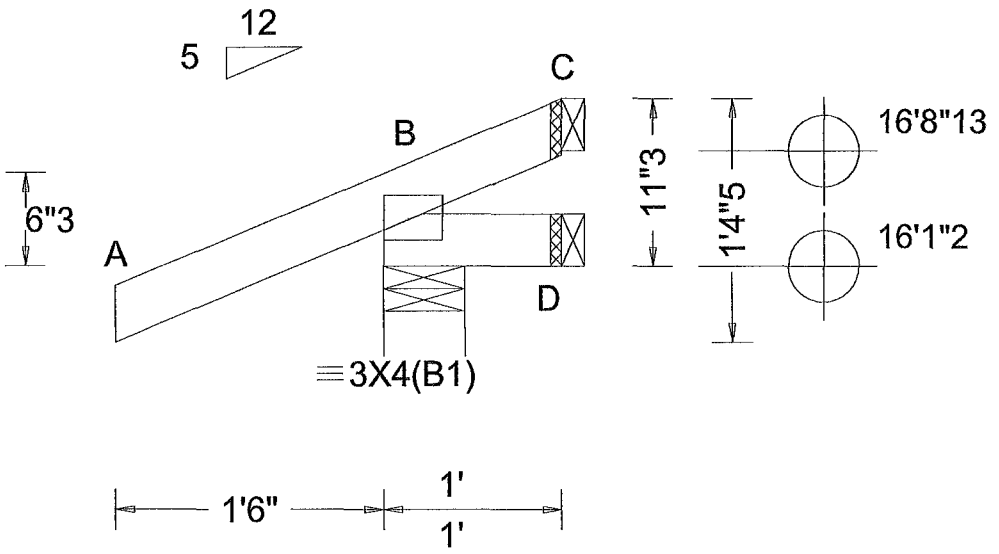
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 799967 / JACK FROM CDM	Ply 1 Qty 4	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label** J05	Cust. R 215 JRef 1YbL2150001 T39 / DrwNo 192.25.1041 12307 SSB / DF 07/11/2025



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL 20 00	Wind Std ASCE 7-22	Pg. NA Ct: NA CAT NA	PP Deflection in loc L/defl L/#
TCDL. 10 00	Speed 130 mph	Pf NA Ce: NA	VERT(LL) NA
BCLL. 0 00	Enclosure Closed	Lu NA Cs NA	VERT(CL): NA
BCDL. 10 00	Risk Category II	Snow Duration NA	HORZ(LL): -0 001 C - -
Des Ld 40 00	EXP C Kzt: NA		HORZ(TL) 0.001 C - -
NCBCLL. 10 00	Mean Height: 16 51 ft	Building Code	Creep Factor 2.0
Soffit: 2.00	TCDL. 5.0 psf	FBC 8th Ed 2023 Res	Max TC CSI 0.234
Load Duration 1.25	BCDL 5.0 psf	TPI Std 2014	Max BC CSI 0.033
Spacing 24 0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Yes	Max Web CSI 0 000
	C&C Dist a 3 00 ft	FT/RT 20(0)/10(0)	
	Loc. from endwall Any	Plate Type(s).	
	GCpi 0.18	WAVE	VIEW Ver 23 02.04.0123 14
	Wind Duration 1 60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	240	/-	/-	/176	/77	/34
D	11	/-7	/-	/11	/6	/-
C	-	/-52	/-	/36	/46	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1 5 (Truss)
D Brg Wid = 1 5 Min Req = -
C Brg Wid = 1.5 Min Req = -
Bearing B is a rigid surface.
Members not listed have forces less than 375#

Lumber

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

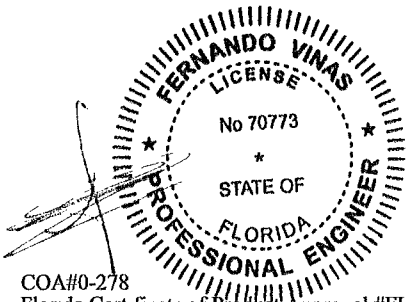
Wind

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

Wind loading based on both gable and hip roof types

Additional Notes

The overall height of this truss excluding overhang is 0-11-3



COA#0-278
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07/14/2025

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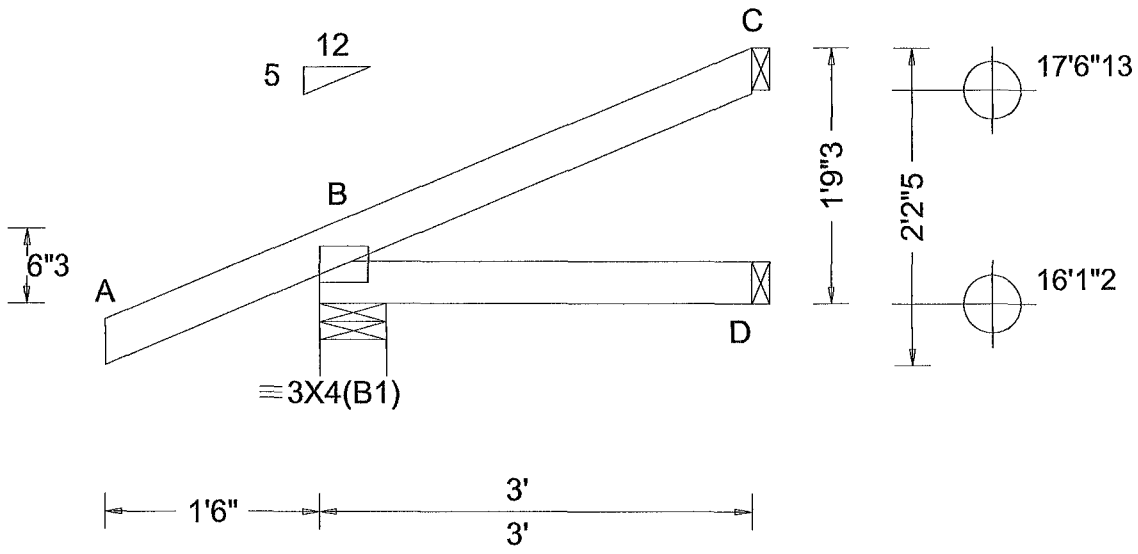
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 799969 / EJAC FROM. CDM	Ply· 1 Qty· 12	**Job Number**· 24-1939B Spicer Residence (Roof and Floor) **Truss Label**· J06	Cust: R 215 JRef· 1YbL2150001 T33 / DrwNo· 192.25.1041 12619 SSB / DF 07/11/2025



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL. 20 00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT NA	PP Deflection in loc L/defl L/#
TCDL. 10 00	Speed 130 mph	Pf· NA Ce NA	VERT(LL) NA
BCLL. 0 00	Enclosure Closed	Lu NA Cs NA	VERT(CL) NA
BCDL. 10 00	Risk Category· II	Snow Duration NA	HORZ(LL): 0 001 B - -
Des Ld 40 00	EXP C Kzt: NA		HORZ(TL). 0.001 B - -
NCBCLL 10 00	Mean Height. 16 92 ft	Building Code	Creep Factor· 2.0
Soffit. 2.00	TCDL 5.0 psf	FBC 8th Ed 2023 Res	Max TC CSI 0.236
Load Duration 1.25	BCDL 5 0 psf	TPI Std 2014	Max BC CSI 0 075
Spacing 24.0 "	MWFRS Parallel Dist· 0 to h/2	Rep Fac: Yes	Max Web CSI 0.000
	C&C Dist a 3 00 ft	FT/RT.20(0)/10(0)	
	Loc. from endwall Any	Plate Type(s).	
	GCpi 0.18	WAVE	VIEW Ver· 23.02.04 0123 14
	Wind Duration 1 60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	255	/-	/-	/175	/52	/66
D	53	/-	/-	/27	/-	/-
C	64	/-	/-	/30	/39	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1 5 (Truss)
D Brg Wid = 1 5 Min Req = -
C Brg Wid = 1 5 Min Req = -
Bearing B is a rigid surface
Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #2,
Bot chord 2x4 SP #2,

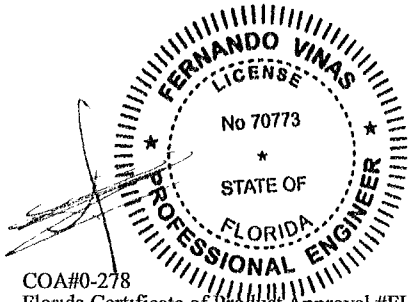
Wind

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

Wind loading based on both gable and hip roof types

Additional Notes

The overall height of this truss excluding overhang is 1-9-3



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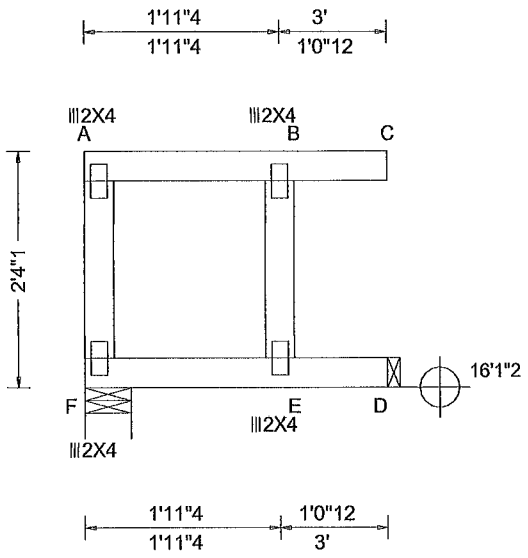
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN 799973 / EJAC FROM. CDM	Ply: 1 Qty: 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** J07	Cust: R 215 JRef: 1YbL2150001 T19 / DrwNo: 192.25 1041 12557 SSB / DF 07/11/2025



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL. 20 00	Wind Std ASCE 7-22	Pg NA Ct: NA CAT NA	PP Deflection in loc L/defl L/#
TCDL 10 00	Speed 130 mph	Pf: NA Ce NA	VERT(LL). 0 060 C 596 240
BCLL. 0 00	Enclosure Closed	Lu NA Cs. NA	VERT(CL): 0 121 C 298 180
BCDL. 10 00	Risk Category II	Snow Duration NA	HORZ(LL): 0 028 A - -
Des Ld 40 00	EXP C Kzt: NA		HORZ(TL) 0 055 A - -
NCBCLL. 10 00	Mean Height. 18.43 ft	Building Code	Creep Factor: 2 0
Soffit. 2 00	TCDL 5 0 psf	FBC 8th Ed 2023 Res	Max TC CSI 0.059
Load Duration 1.25	BCDL. 5 0 psf	TPI Std 2014	Max BC CSI 0 665
Spacing 24 0 "	MWFRS Parallel Dist. 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI 0 125
	C&C Dist a 3 00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall Any	Plate Type(s).	
	GCpi 0 18	WAVE	VIEW Ver 23 02.04.0123 14
	Wind Duration 1 60		

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	410	/-	/-	/-	/84	/-
D	649	/-	/-	/-	/128	/-

Wind reactions based on MWFRS
F Brg Wid = 5.5 Min Req = 1 5 (Truss)
D Brg Wid = 1.5 Min Req = -
Bearing F is a rigid surface
Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #2,
Bot chord 2x4 SP M-31,
Webs. 2x4 SP #3,

Special Loads

-------(Lumber Dur Fac.=1.25 / Plate Dur Fac.=1.25)
TC From 60 plf at 0 00 to 60 plf at 3 00
BC From 20 plf at 0 00 to 20 plf at 3.00
BC 820 lb Conc. Load at 1.94

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

Left end vertical not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up.

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

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155 Harlem Ave
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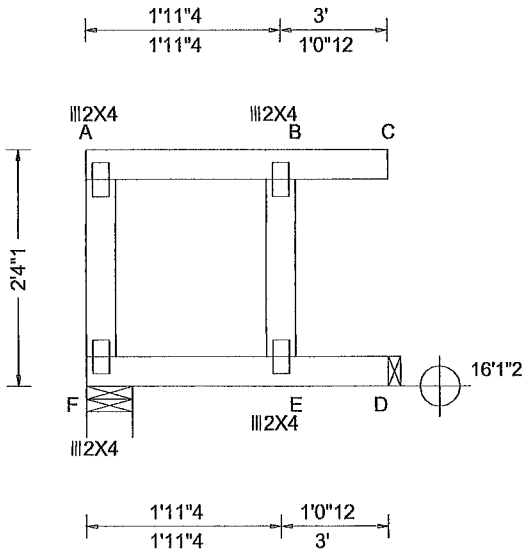
Glenview, IL 60025

SEQN 799975 / EJAC FROM CDM	Ply: 1 Qty: 1	**Job Number:** 24-1939B Spicer Residence (Roof and Floor) **Truss Label:** J08	Cust: R 215 JRef: 1YbL2150001 T11 / DrwNo 192.25.1041 12369 SSB / DF 07/11/2025



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL 20 00 TCDL. 10.00 BCLL. 0 00 BCDL 10 00 Des Ld 40 00 NCBCLL. 10 00 Soffit: 2 00 Load Duration 1.25 Spacing 24 0 "	Wind Std ASCE 7-22 Speed 130 mph Enclosure Closed Risk Category: II EXP C Kzt. NA Mean Height: 18.43 ft TCDL 5 0 psf BCDL. 5 0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a 3 00 ft Loc. from endwall Any GCpi 0 18 Wind Duration 1 60	Pg NA Ct. NA CAT NA Pf: NA Ce NA Lu NA Cs NA Snow Duration NA Building Code: FBC 8th Ed. 2023 Res TPI Std 2014 Rep Fac: Varies by Ld Case FT/RT 20(0)/10(0) Plate Type(s). WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0 060 C 596 240 VERT(CL): 0 121 C 298 180 HORZ(LL): 0 028 A - - HORZ(TL). 0 055 A - - Creep Factor: 2.0 Max TC CSI 0 059 Max BC CSI 0.665 Max Web CSI 0.125 VIEW Ver: 23.02 04 0123 14

▲ Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	410	/-	/-	/-	/84	/-
D	649	/-	/-	/-	/128	/-

Wind reactions based on MWFRS
F Brg Wid = 5.5 Min Req = 1 5 (Truss)
D Brg Wid = 1 5 Min Req = -
Bearing F is a rigid surface.
Members not listed have forces less than 375#

Lumber

Top chord 2x4 SP #2,
Bot chord 2x4 SP M-31,
Webs. 2x4 SP #3,

Special Loads

------(Lumber Dur Fac.=1.25 / Plate Dur Fac.=1.25)
TC. From 60 plf at 0.00 to 60 plf at 3 00
BC From 20 plf at 0.00 to 20 plf at 3 00
BC 820 lb Conc. Load at 1 94

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

Left end vertical not exposed to wind pressure.

Additional Notes

Truss must be installed as shown with top chord up

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

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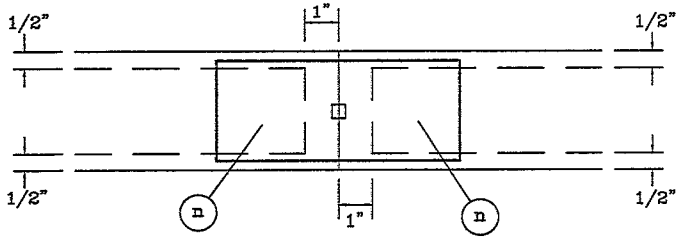
TRULOX INFORMATION DETAIL

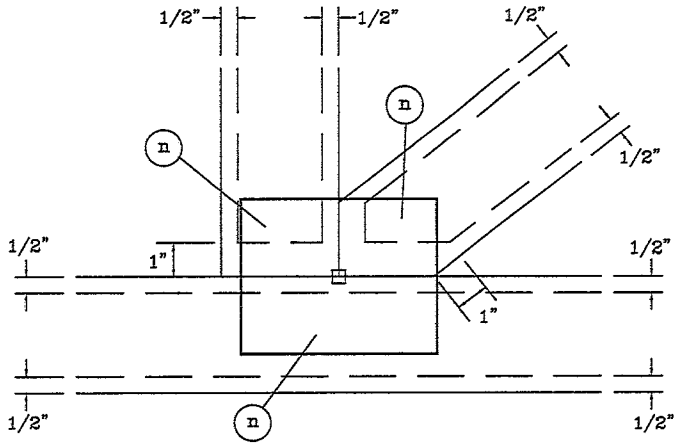
TYPICAL OFF PANEL SPLICE



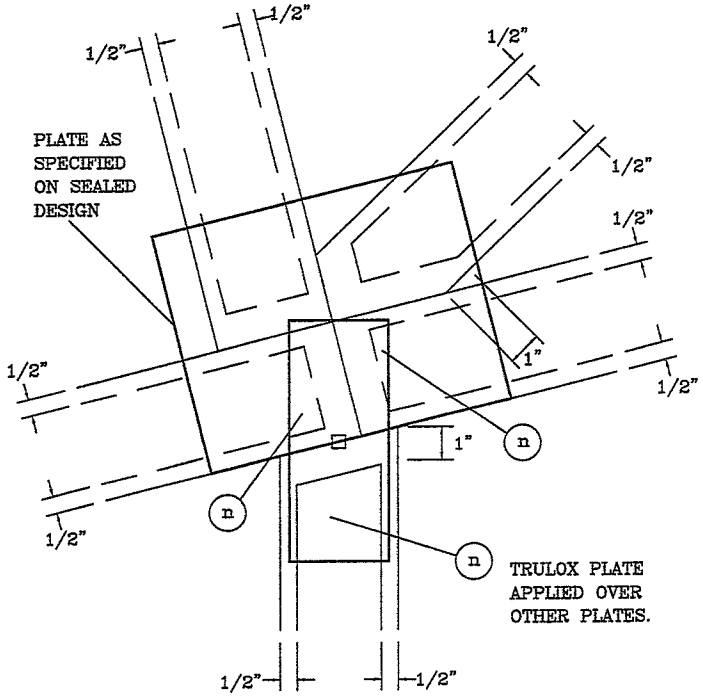
DO NOT APPLY NAILS WITHIN 1/2" OF LUMBER EDGES OR 1" OF LUMBER ENDS ON EACH FACE, AS SHOWN BY DASHED LINES.

NAILS MUST NOT SPLIT LUMBER.

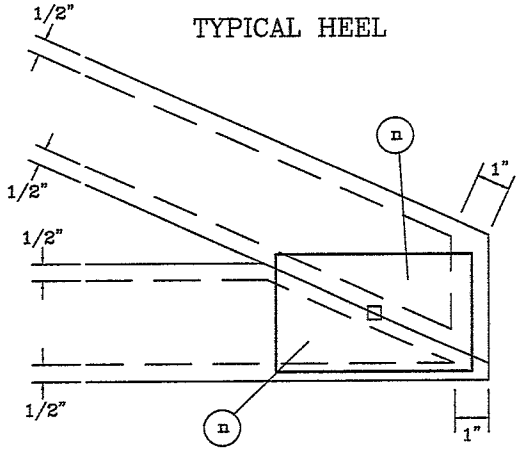
TYPICAL PANEL POINT WITHOUT SPLICE



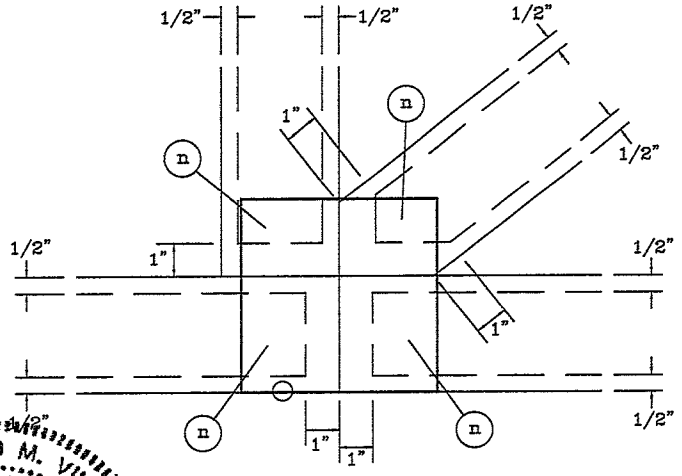
TYPICAL FILLER



TYPICAL HEEL



TYPICAL PANEL POINT SPLICE



NOTES:
(n) IS THE REQUIRED NUMBER OF 0.120" X 1.375" NAILS, OR EQUAL, PER FACE PER PLY AS SPECIFIED ON THE SEALED DESIGN REFERENCING THIS DETAIL.
○ LOCATES PLATE CORNER OR FLUSH EDGE.
□ LOCATES PLATE CENTER.

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07/14/2025

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TRULOX PLATING

160 TL

PAGE 1 OF 1

DATE 10/01/14

CLR Reinforcing Member Substitution

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

Notes:

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

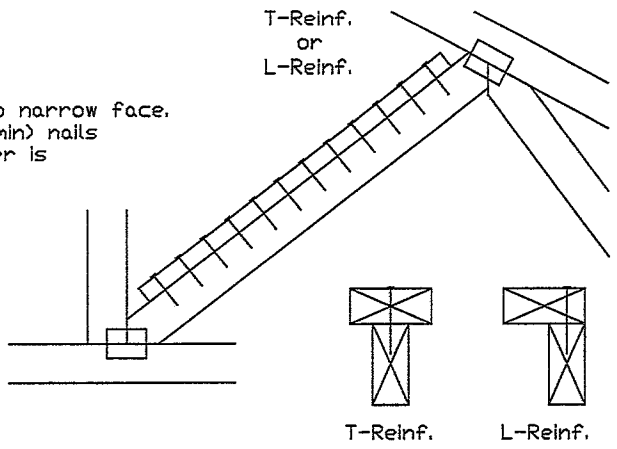
Web Member Size	Specified CLR Restraint	Alternative Reinforecement T- or L- Reinf.	Alternative Reinforecement Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4 ⊛
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6 ⊛

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

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

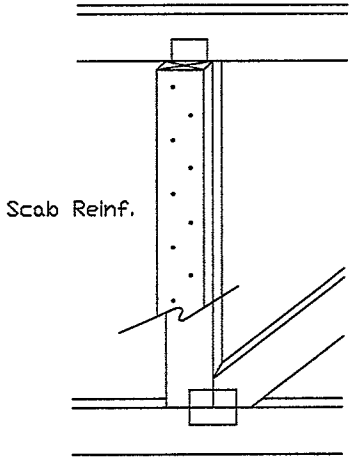
T-Reinforcement or L-Reinforcement:

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



Scab Reinforcement:

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



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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcacomponents.com; ICC: www.iccsafe.org

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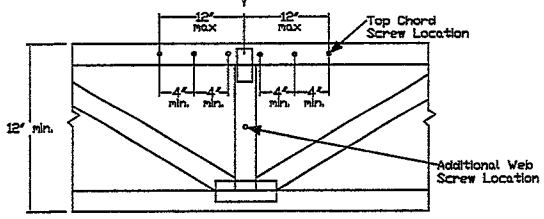
TC LL	PSF	REF CLR Subst.
TC DL	PSF	DATE 01/02/19
BC DL	PSF	DRWG BRCLBSUB0119
BC LL	PSF	
TOT. L.D.	PSF	
DUR. FAC.	07/14/2025	
SPACING		

System 42 Ply to Ply Connection Detail

Using GRK (RSS) JTS 1/4x6-3/4 or Simpson SDS25600 or SDW22634 Strong Drive Screws or Equal.

Max. Concentrated Load per Chart Below

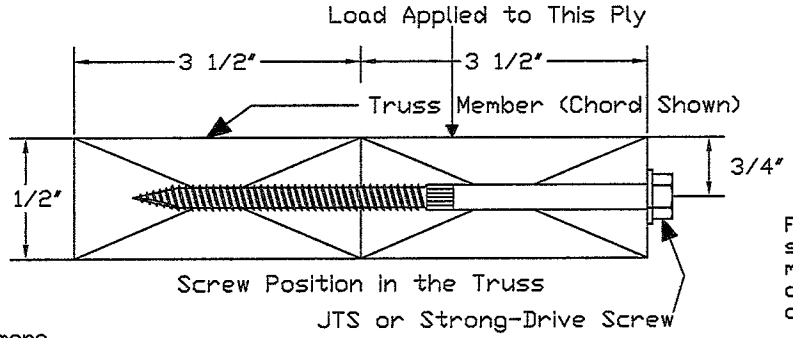


Apply screws to top chord within 12" of the concentrated load location @ 4" o.c., min, evenly distributing them to each side of the concentrated load. A maximum of 6 screws may be applied to the top chord for each concentrated load.

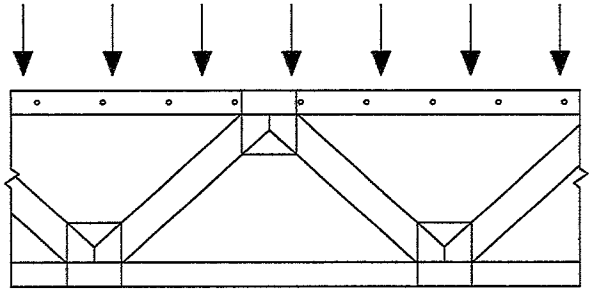
For double top chords, evenly distribute the screws over both top chords, using same spacing guidelines specified above. The max number of top chord screws is 6 per chord member for a total maximum of 12 screws.

If the concentrated load connection requires more screws than 6 per top chord member and the load is located at a panel point where webs intersect the top chord, the remainder of required screws may be applied to those webs below the concentrated load location evenly spaced @ 4" o.c., min, keeping the 3" min end distances. Each additional screw is worth 474 lb for SP webs, 442 lb for DFL webs, and 400 lb for SPF webs.

Refer to Alpine sealed drawing for individual truss design.



Max. Uniform Load per Chart Below



For single top chord, see chart below for screw spacing. For double top chord the screw spacing may be doubled (but may not exceed 24" o.c. per chord). Screw spacing shall be offset by 1/2 the o.c. spacing in each chord.

Screws need only apply to the extents of that load.

For chord sections supporting less than 100 plf apply one screw at each top chord joint location.

# of Screws	Maximum Concentrated Load (lbs) (1.00 DF)		
	SP	DFL	SPF
1	474	442	400
2	984	884	800
3	1422	1326	1200
4	1896	1768	1600
5	2370	2210	2000
6	2844	2652	2400
7	3318	3094	2800
8	3792	3536	3200
9	4266	3978	3600
10	4740	4420	4000
11	5214	4862	4400
12	5688	5304	4800

General Notes:

1. Screws centered along the 1.5" dimension of the 4x2 member.
2. Minimum end distance of 3".
3. Screws installed with head in loaded member.
4. Gap between plies not to exceed 1/8".
5. Screw location may be adjusted up to 1" to avoid conflict with other hardware or to avoid lumber defects.
6. Do not install screws in areas where lumber wane exceeds 1/4".
7. Equal loads from both faces or loads that are evenly distributed to each ply do not require connections per this detail.
8. For 3x2 members use GRK (RSS) JTS 1/4x5 screws, or Simpson's SDS25412 or SDW22500 screws or equal.
9. Contact Alpine for special connections not covered by this detail.

Top Chord Screw o.c. Spacing (inch)	Maximum Uniform Load (plf) Along Top Chord (1.00 DF)		
	SP	DFL	SPF
4	1422	1326	1200
6	948	884	800
8	711	663	600
10	568	530	480
12	474	442	400
14	406	378	342
16	355	331	300
18	316	294	266
20	284	265	240
22	258	241	218
24	237	221	200

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

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For more information see this job's general notes page and these web sites:
ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcacomponents.com; ICC: www.iccsafe.org

FERNANDO M. VINAS LICENSE No 70773 STATE OF FLORIDA PROFESSIONAL ENGINEER

07/14/2025

COA#0-278

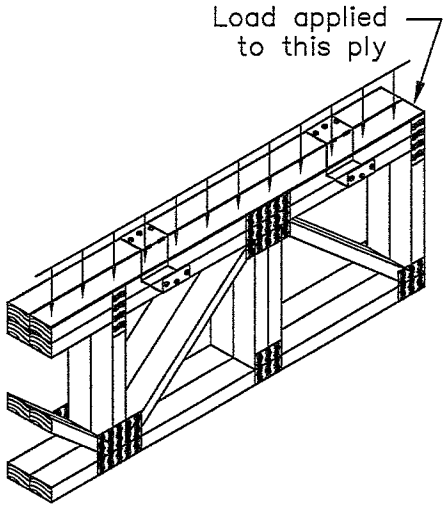
Florida Certificate of Product Approval #FL1999

TC LL	PSF	REF SY42 Connection
TC DL	PSF	DATE 01/19/2018
BC DL	PSF	DRWG CNSY42PL0118
BC LL	PSF	
TOT. LD.	PSF	
DUR. FAC.	1.00	
SPACING		

SY32/SY42 PLY TO PLY LSC CONNECTION DETAIL

FOR DOWNWARD LOADS ONLY

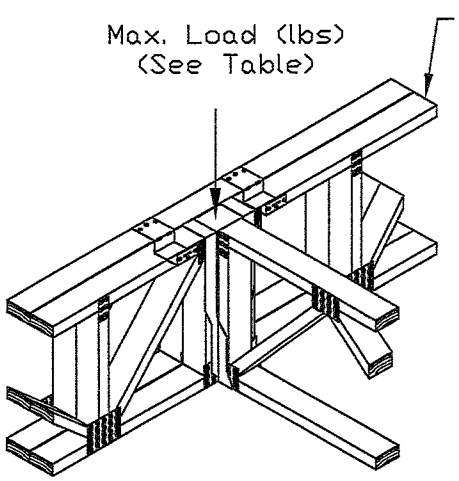
Uniform Load Application



Max. T.C. Uniform Load (plf)			Clip Spacing Along Top Chord
SP	DF	SPF/HF	
935	810	585	12" o.c.
625	540	390	18" o.c.
470	405	295	24" o.c.
375	325	235	30" o.c.

Maximum LSC spacing is 30" o.c.

Concentrated Load Application

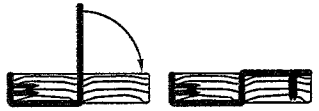


Max Load (lbs)		
SP	DF	SPF/HF
1870	1620	1170

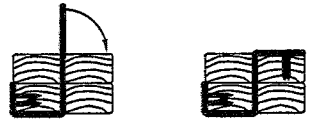
Note:
Install LSC adjacent, equidistant, and not more than 6" on each side of concentrated load.

Installation Instructions:

1. Position and attach LSC to loaded ply with (3) 0.131"x1.5" nails into narrow face.
2. Bend clip over adjacent ply and attach with (3) 0.131"x1.5" nails into wide face.



LSC42 for single 4x2 chords
LSC32 for single 3x2 chords



LSC42-2 for stacked 4x2 chords
LSC32-2 for stacked 3x2 chords

Refer to Alpine sealed drawing for lateral bracing design.

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FERNANDO M. VIVAS LICENSED
No 70773
STATE OF FLORIDA
PROFESSIONAL ENGINEER

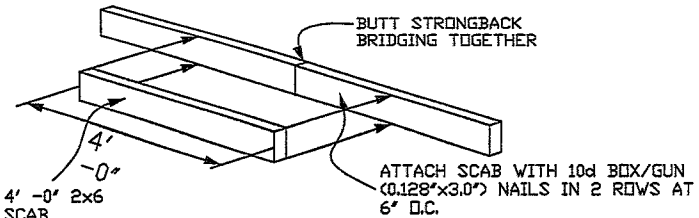
07/14/2025

COA#0-278

REF	SY42 Connection
DATE	10/01/14
DRWG	LSCSYX2A1014
DUR. FAC.	ALL

Florida Certificate of Product Approval #FL1999

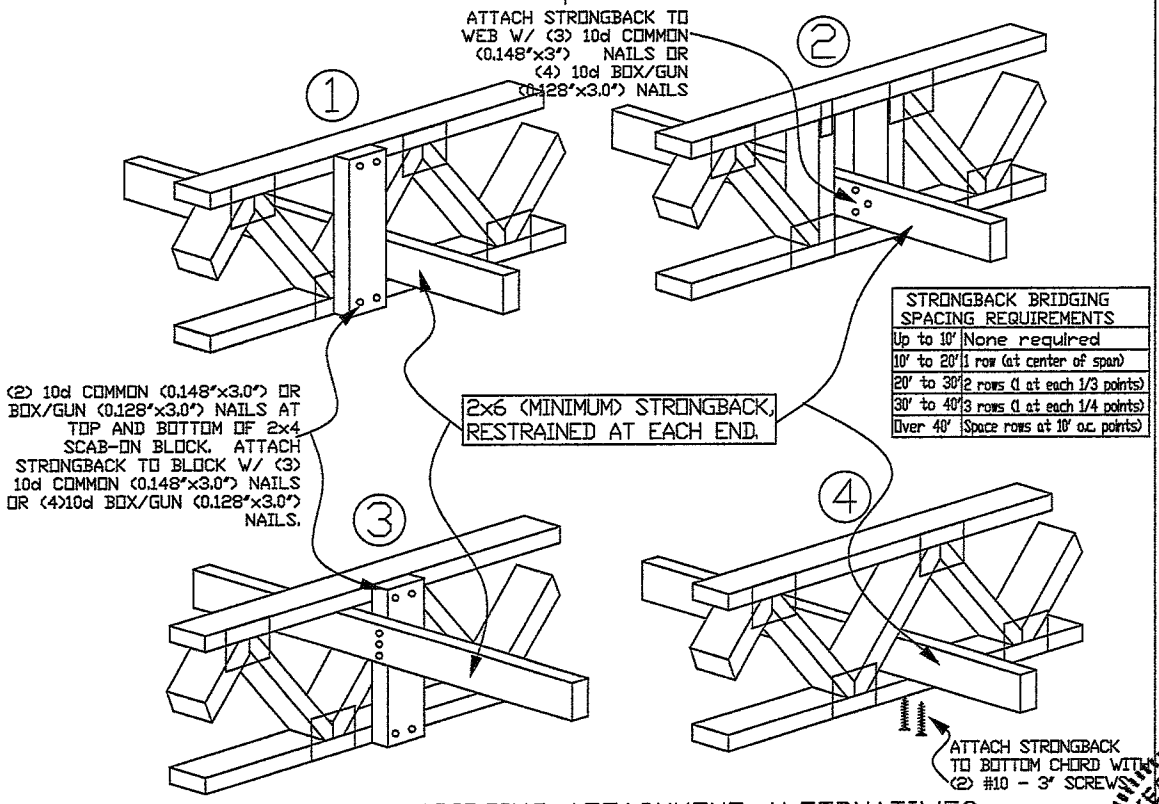
STRONGBACK BRIDGING RECOMMENDATIONS



NOTE: IN LIEU OF SPLICING AS SHOWN, LAP STRONGBACK BRIDGING MEMBERS FOR AT LEAST ONE TRUSS SPACING

STRONGBACK BRIDGING SPLICE DETAIL

NOTE: Details 1 and 2 are the preferred attachment methods



STRONGBACK BRIDGING SPACING REQUIREMENTS	
Up to 10'	None required
10' to 20'	1 row (at center of span)
20' to 30'	2 rows (1 at each 1/3 points)
30' to 40'	3 rows (1 at each 1/4 points)
Over 40'	Space rows at 10' o.c. points)

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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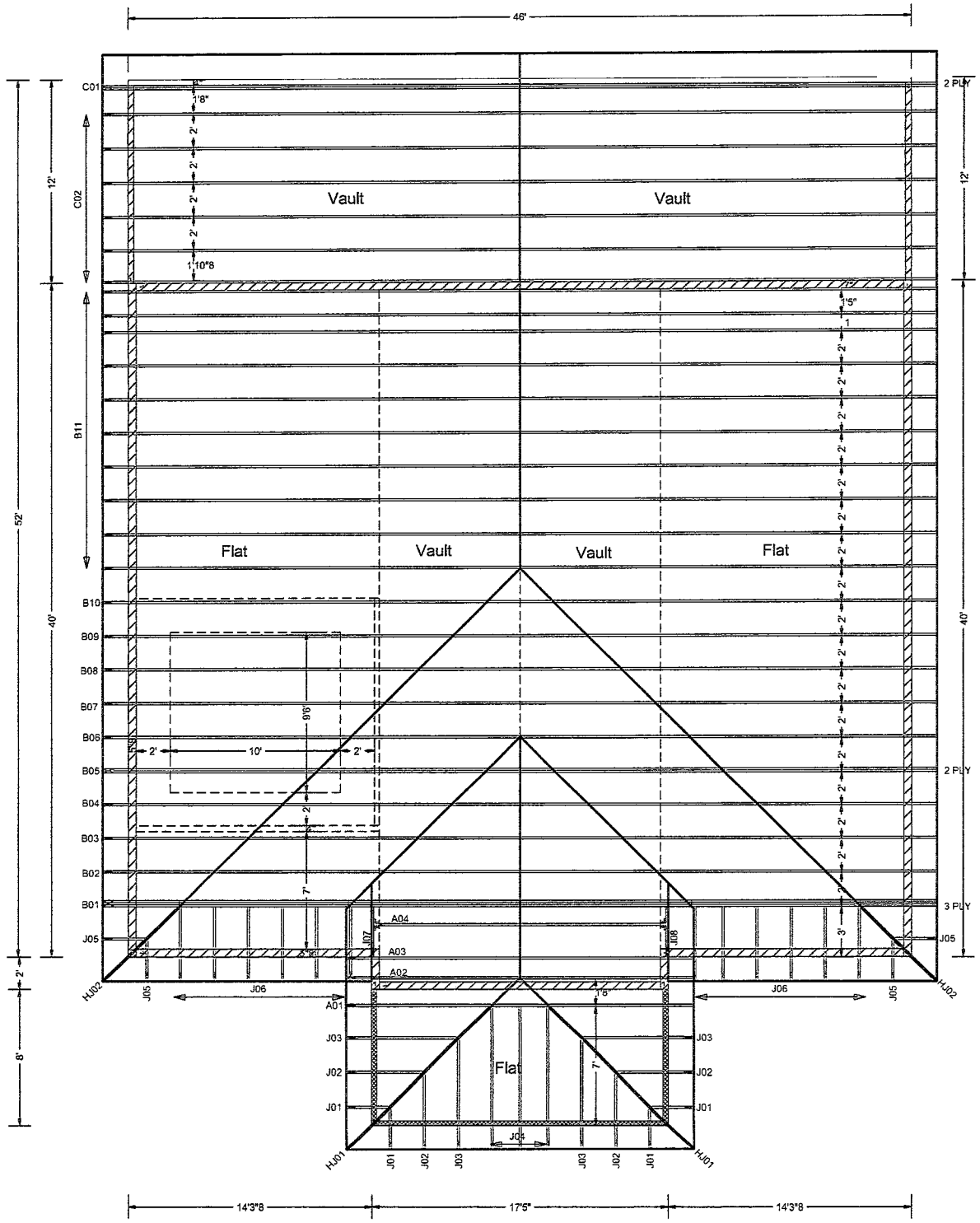
07/14/2025

COA#0-278
Florida Certificate of Product Approval #FL1999

TC LL	PSF	REF STRONGBACK
TC DL	PSF	DATE 10/01/14
BC DL	PSF	DRWG STRBRIBR1014
BC LL	PSF	
TOT. L.D.	PSF	
DUR. FAC.	1.00	
SPACING		



W B Howland Truss Co
610 11th St. SW
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (Fax)
howlandtruss@gmail com

Truss to Truss Connectors
(2) LSSR28

BEARING WALLS & HEIGHTS
- 09'00"00 ELEVATION
- 10'04"00 ELEVATION
- 16'01"02 ELEVATION
- 18'01"02 ELEVATION

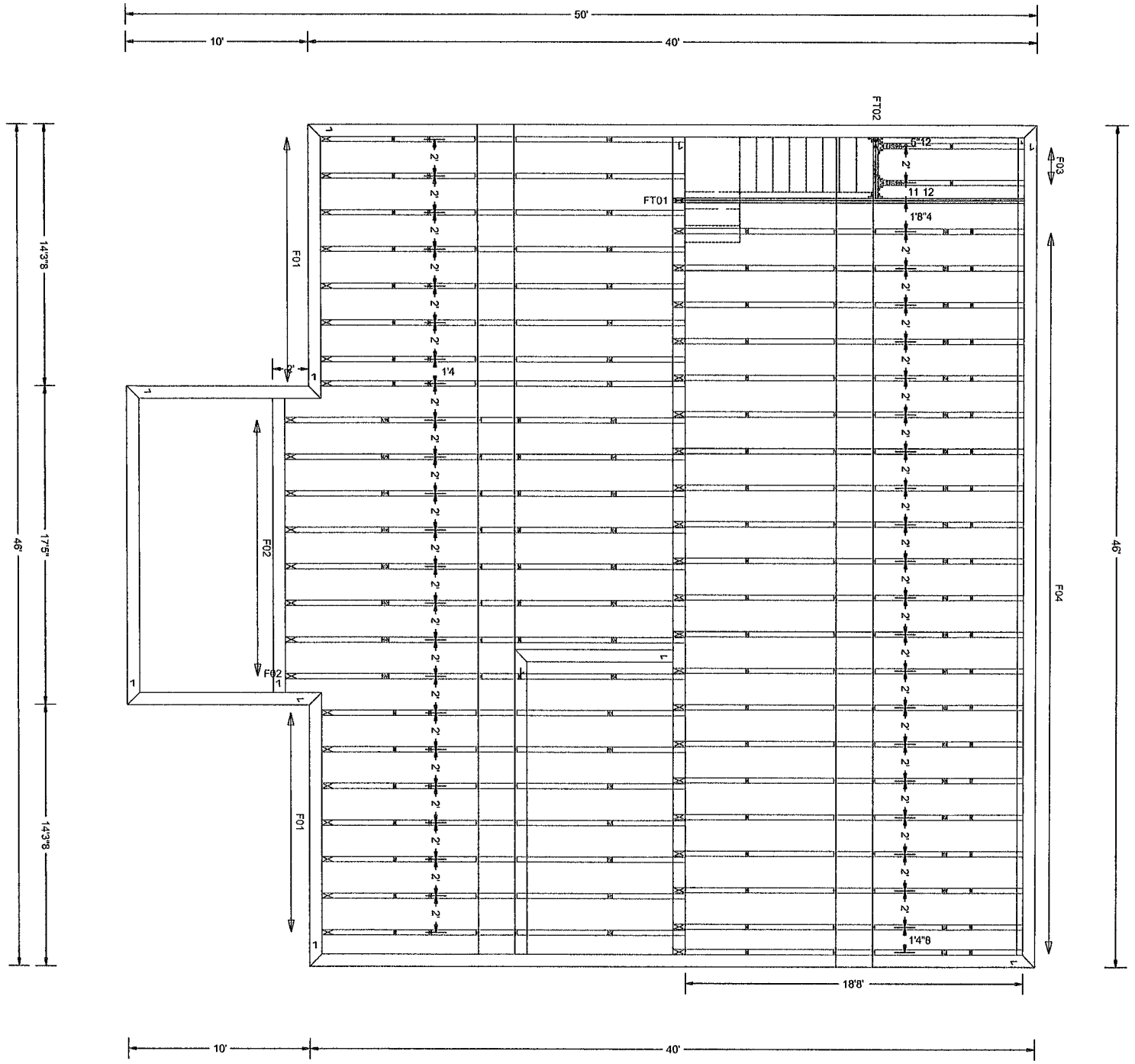
HOWLAND

JOB #: 24-1939B

Job Name: Spicer Residence (Roof an
Customer: SPICER CONSTRUCTION
Designer: Kelly Caudill
ADDRESS:
Salesman: BW
07-14-2025

JOB NO:
24-1939B

PAGE NO:
1 OF 1



PAGE NO: 1 OF 1	JOB NO: 24-1939B	Job Name: Spicer Residence (Roof an Customer: SPICER CONSTRUCTION Designer: Kelly Caudill ADDRESS. Salesman: BW : 07-14-2025	JOB #: 24-1939B

HOWLAND