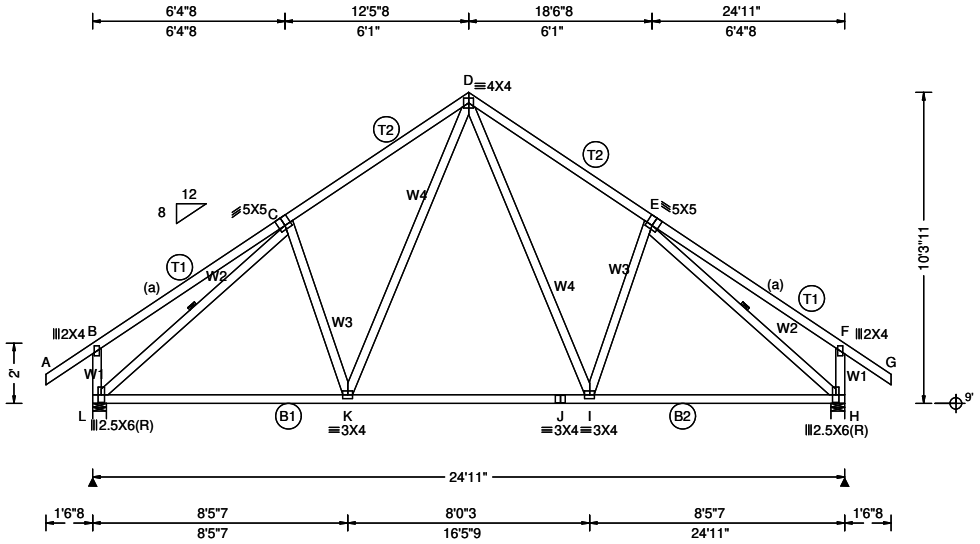
SEQN: 738912 COMN FROM: RFG	Ply: 1 Qty: 8	**Job Number:** 26-3717 STECKBECK **Truss Label:** A1		Cust: R NA JRef:26-3717 T38 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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): 0.045	K	999	360
VERT(CL): 0.079	K	999	240
HORZ(LL): 0.027	F	-	-
HORZ(TL): 0.048	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.443
Max BC CSI: 0.795
Max Web CSI: 0.550

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	1355	/-	/-	/607	/191	/330
H	1355	/-	/-	/607	/191	/-

Wind reactions based on MWFRS
L Brg Wid = 5.5 Min Req = 1.6 (Truss)
H Brg Wid = 5.5 Min Req = 1.6 (Truss)
Bearings L & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	59	- 21	D - E	490	- 1330
B - C	288	- 156	E - F	288	- 156
C - D	490	- 1330	F - G	59	- 21

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	1057	- 213	J - I	817	- 47
K - J	817	- 47	I - H	1057	- 198

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - L	287	- 320	D - I	522	- 187
L - C	230	- 1386	I - E	279	- 195
C - K	279	- 195	E - H	230	- 1385
K - D	523	- 187	F - H	287	- 320

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

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

Wind

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

End verticals exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 10-3-11.

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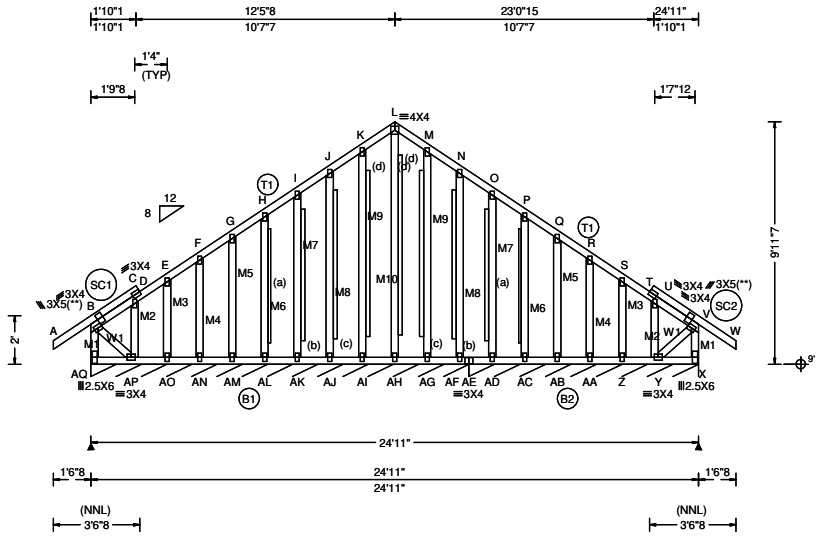
SEQN: 738910 GABL FROM: RFG Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** A1E		Cust: R NA JRef:26-3717 T39 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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): 0.005	L	999	360
VERT(CL): 0.005	L	999	240
HORZ(LL): -0.012	I	-	-
HORZ(TL): 0.012	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.320
Max BC CSI: 0.061
Max Web CSI: 0.979

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AQ*152	/-	/-		/65	/16	/32
AE*142	/-	/-		/69	/38	/-

Wind reactions based on MWFRS
AQ Brg Wid = 186 Min Req = -
AE Brg Wid = 112 Min Req = -
Bearings AQ & AE are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	98	- 49	L - M	408	- 69
B - C	200	- 348	M - N	350	- 82
B - D	267	- 74	N - O	278	- 101
C - D	171	- 321	O - P	214	- 119
D - E	141	- 165	P - Q	156	- 138
E - F	122	- 137	Q - R	158	- 156
F - G	120	- 119	R - S	159	- 175
G - H	150	- 100	S - T	179	- 203
H - I	214	- 81	T - U	209	- 348
I - J	278	- 63	T - V	267	- 74
J - K	349	- 56	U - V	237	- 375
K - L	408	- 69	V - W	98	- 49

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AQ-AP	80	- 59	AG-AF	455	- 257
AP-AO	445	- 250	AF-AE	454	- 257
AO-AN	448	- 252	AE-AD	476	- 287
AN-AM	450	- 253	AD-AC	475	- 286
AM-AL	451	- 254	AC-AB	474	- 285
AL-AK	452	- 255	AB-AA	472	- 284
AK-AJ	454	- 255	AA- Z	471	- 283
AJ-AI	455	- 256	Z - Y	468	- 281
AI-AH	455	- 257	Y - X	80	- 59
AH-AG	455	- 257			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B -AP	471	- 267	Y - V	500	- 307

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
B -AQ	225	- 342	AG- M	85	- 212

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

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

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Wind

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

End verticals exposed to wind pressure. Deflection meets L/360.

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/252.

Gable Reinforcement

(a) 1x4 SP/DF #2 or better "L" reinforcement. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(b) 2x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(c) 2x4 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(d) 2x6 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

Additional Notes

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

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

The overall height of this truss excluding overhang is 9-11-7.

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

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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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AP- C	53	- 90	AF- N	108	- 182
E -AO	106	- 164	AD- O	95	- 176
F -AN	94	- 157	AC- P	95	- 170
G -AM	95	- 164	AB- Q	95	- 164
H -AL	95	- 170	AA- R	94	- 157
I -AK	95	- 176	Z - S	106	- 164
J -AJ	108	- 182	U - Y	53	- 90
K -AI	84	- 212	V - X	271	- 388
L -AH	20	- 377			

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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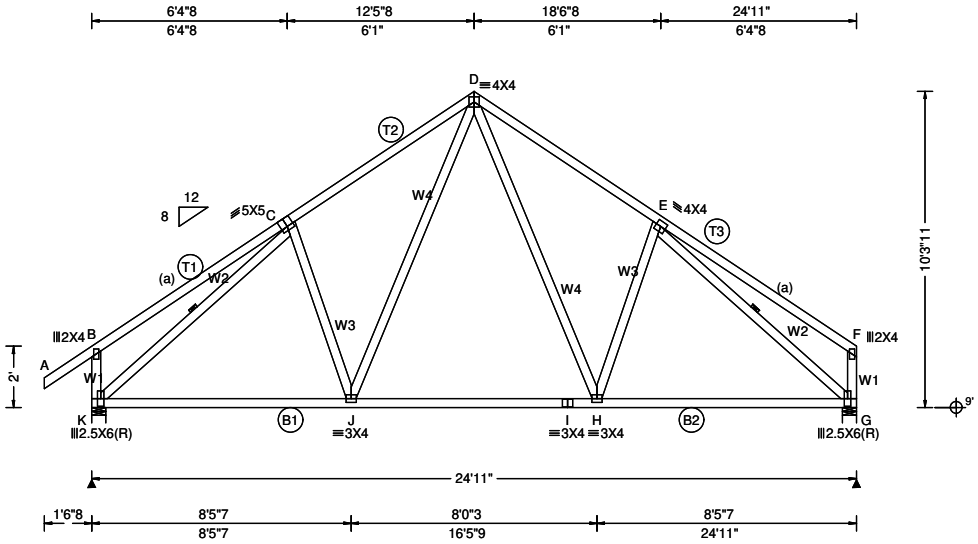
Glenview, IL 60025

SEQN: 738914 COMN FROM: RFG	Ply: 1 Qty: 7	**Job Number:** 26-3717 STECKBECK **Truss Label:** A2		Cust: R NA JRef:26-3717 T16 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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): 0.045	H	999	360
VERT(CL): 0.080	H	999	240
HORZ(LL): 0.027	F	-	-
HORZ(TL): 0.049	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.501
Max BC CSI: 0.796
Max Web CSI: 0.552

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	1358	/-	/-	/609	/190	/338
G	1246	/-	/-	/595	/166	/-

Wind reactions based on MWFRS
K Brg Wid = 5.5 Min Req = 1.6 (Truss)
G Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings K & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	59	- 21	D - E	490	- 1343
B - C	288	- 155	E - F	201	- 159
C - D	489	- 1335			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	1061	- 265	I - H	821	- 99
J - I	821	- 99	H - G	1071	- 252

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - K	287	- 320	D - H	537	- 189
K - C	228	- 1391	H - E	281	- 200
C - J	280	- 194	E - G	292	- 1392
J - D	524	- 188	F - G	179	- 206

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

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

Wind

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

End verticals exposed to wind pressure. Deflection meets L/360.

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 10-3-11.

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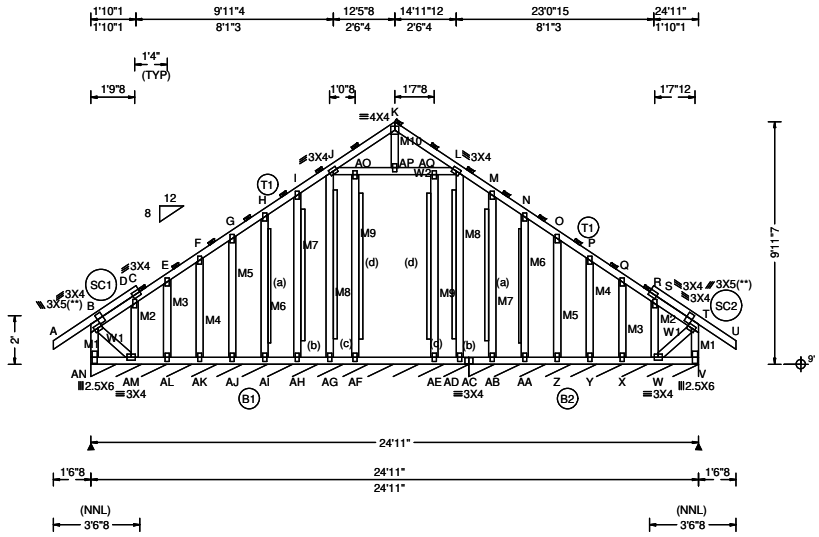
SEQN: 738851 GABL FROM: RFG Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** A2E		Cust: R NA JRef:26-3717 T44 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.004	K	999	360
VERT(CL): 0.009	K	999	240
HORZ(LL): -0.009	H	-	-
HORZ(TL): 0.010	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.320
Max BC CSI: 0.087
Max Web CSI: 0.980

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
AN*152	/-	/-		/64	/14	/32
AC*143	/-	/-		/69	/41	/-

Wind reactions based on MWFRS
AN Brg Wid = 186 Min Req = -
AC Brg Wid = 112 Min Req = -
Bearings AN & AC are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	98	- 49	K - L	129	- 354
B - C	186	- 275	L - M	376	- 123
B - D	267	- 74	M - N	321	- 142
C - D	158	- 264	N - O	254	- 160
D - E	143	- 166	O - P	190	- 179
E - F	138	- 152	P - Q	183	- 197
F - G	190	- 134	Q - R	189	- 211
G - H	254	- 115	R - S	203	- 309
H - I	320	- 107	R - T	267	- 74
I - J	376	- 100	S - T	231	- 319
J - K	129	- 354	T - U	98	- 49

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AN-AM	80	- 59	AE-AD	367	- 243
AM-AL	358	- 239	AD-AC	366	- 243
AL-AK	361	- 241	AC-AB	394	- 282
AK-AJ	363	- 242	AB-AA	393	- 281
AJ-AI	364	- 243	AA- Z	391	- 280
AI-AH	366	- 244	Z - Y	390	- 279
AH-AG	366	- 244	Y - X	388	- 278
AG-AF	367	- 243	X - W	386	- 276
AF-AE	367	- 243	W - V	80	- 59

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B -AM	360	- 253	AP-AQ	303	- 15
J -AO	303	- 15	AQ- L	303	- 15
AO-AP	303	- 15	W - T	395	- 301

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
B -AN	209	- 402	AQ-AE	0	- 87

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

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

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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

Wind

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

End verticals exposed to wind pressure. Deflection meets L/360.

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/252.

Gable Reinforcement

(a) 1x4 SP/DF #2 or better "L" reinforcement. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(b) 2x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(c) 2x4 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(d) 2x6 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

Additional Notes

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

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

The overall height of this truss excluding overhang is 9-11-7.

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Glenview, IL 60025

AM- C	54	- 90	L -AD	37	- 378
E -AL	105	- 164	AB- M	78	- 164
F -AK	94	- 157	AA- N	99	- 167
G -AJ	95	- 165	Z - O	95	- 165
H -AI	99	- 167	Y - P	94	- 157
I -AH	78	- 164	X - Q	105	- 164
AG- J	18	- 378	S - W	54	- 90
AO-AF	0	- 87	T - V	264	- 402
K -AP	0	- 96			

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

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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
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155 Harlem Ave
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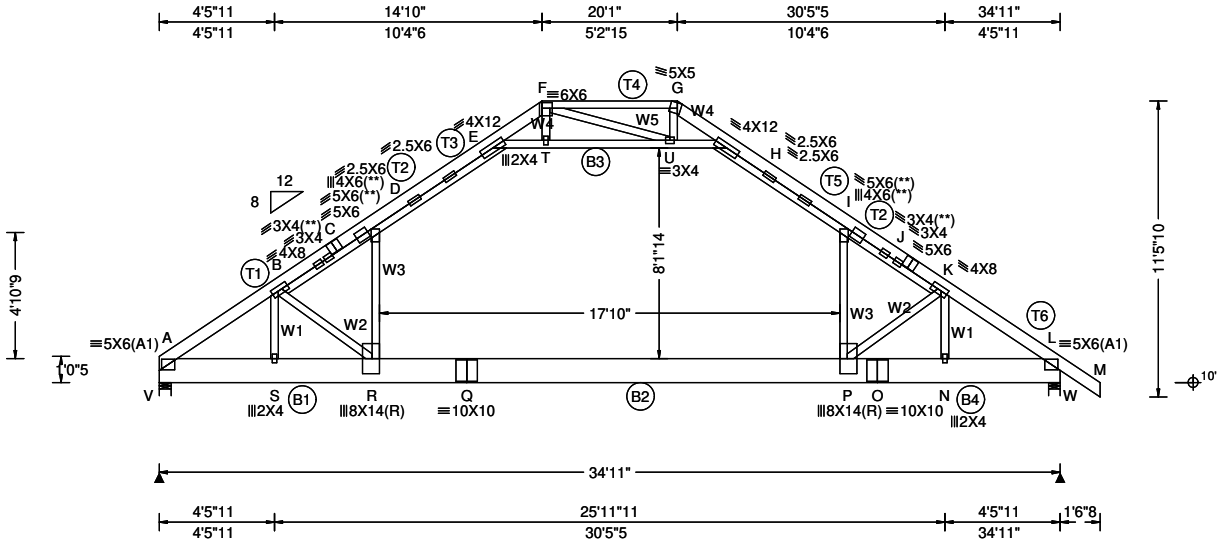
Glenview, IL 60025

SEQN: 738730 ATIC FROM: RFG	Ply: 1 Qty: 7	**Job Number:** 26-3717 STECKBECK **Truss Label:** B1	Cust: R NA JRef:26-3717 T20 DrwNo: ... / ... 04/22/2026	



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: 16.33 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.49 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): 0.324	R	999	360
VERT(CL): 0.644	R	644	240
HORZ(LL): 0.195	D	-	-
HORZ(TL): 0.391	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.966
Max BC CSI: 0.515
Max Web CSI: 0.946

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
V	2554	/-	/-	/870	/240	/303
W	2659	/-	/-	/883	/268	/-

Wind reactions based on MWFRS
V Brg Wid = 5.5 Min Req = 2.1 (Truss)
W Brg Wid = 5.5 Min Req = 2.2 (Truss)
Bearings V & W are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	5428	- 254	G - H	345	- 40
D - E	1062	- 2999	I - J	5291	- 234
H - I	5916	- 240	J - K	526	- 5372
A - B	513	- 3624	K - L	492	- 3586
B - C	1990	- 5377	L - M	59	0
E - F	314	- 53	J - K	1544	- 73
F - G	591	- 37			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - S	2952	- 317	P - O	2938	- 300
S - R	2975	- 318	O - N	2938	- 300
R - Q	2643	- 178	N - L	2914	- 299
Q - P	2643	- 178			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - B	108	- 1014	T - U	324	- 3003
B - R	211	- 540	U - G	235	- 59
R - D	2149	0	U - H	333	- 3094
E - T	325	- 3022	P - K	231	- 494
F - T	174	- 11	I - P	2139	0
F - U	199	- 306	K - N	132	- 1029

Lumber

Top chord: 2x6 SP 2400f-2.0E; T2 2x4 SP M-31;
T4 2x4 SP #2;
Bot chord: 2x12 SP 2400f-2.0E; B3 2x4 SP #2;
Webs: 2x4 SP #3;

Plating Notes

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

Loading

Attic room loading from 8-6-8 to 26-4-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Purlins

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

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: ALL LOAD CASES DO NOT HAVE THE SAME SPACING.

The overall height of this truss excluding overhang is 10-11-0.

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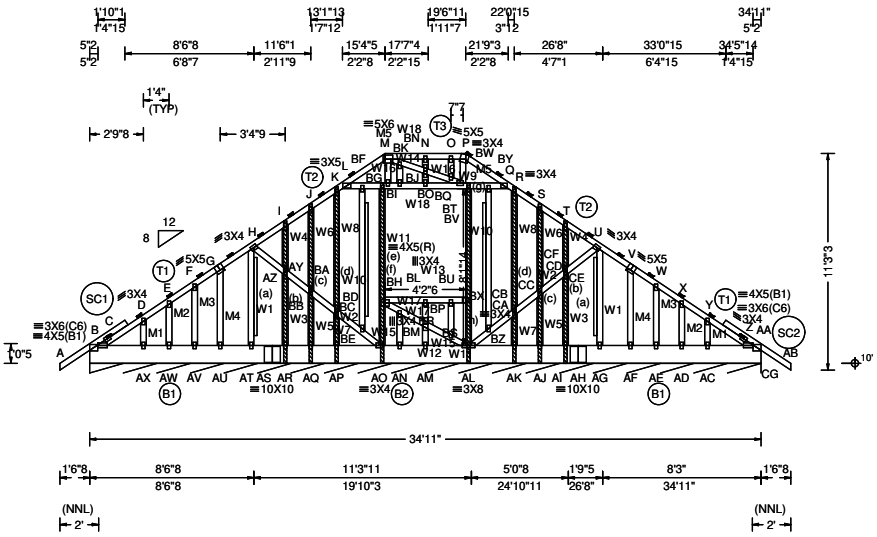
SEQN: 738895 GABL	Ply: 1	**Job Number:** 26-3717		Cust: R NA	JRef:26-3717 T21
FROM: RFG	Qty: 1	STECKBECK		DrwNo:	
Page 1 of 2		**Truss Label:** B1E		... / ...	04/22/2026



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: 16.33 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.49 ft
Loc. from endwall: Any
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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.044	N	999	360
VERT(CL): 0.049	N	999	240
HORZ(LL): 0.006	S	-	-
HORZ(TL): 0.007	S	-	-

Creep Factor: 2.0
Max TC CSI: 0.294
Max BC CSI: 0.013
Max Web CSI: 0.991

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
CG*148	/-	/-		/57	/15	/11

Wind reactions based on MWFRS
CG Brg Wid = 419 Min Req = -
Bearing B is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - C	129	- 83	N - O	60	- 299
AA-AB	82	0	O - P	59	- 305
A - B	82	0	P - Q	41	- 462
B - C	0	- 272	Q - R	211	- 368
C - D	141	- 258	R - S	192	- 294
D - E	116	- 255	S - T	127	- 319
E - F	96	- 244	T - U	77	- 334
F - G	80	- 239	U - V	93	- 257
G - H	106	- 254	V - W	51	- 243
H - I	106	- 326	W - X	69	- 248
I - J	141	- 311	X - Y	88	- 258
J - K	205	- 290	Y - Z	115	- 261
K - L	229	- 346	Z -AA	118	- 73
L - M	69	- 411	Z -AA	0	- 274
M - N	60	- 300			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AX	260	- 99	AM-AL	362	- 143
AX-AW	263	- 100	AL-AK	253	- 82
AW-AV	266	- 102	AK-AJ	253	- 82
AV-AU	268	- 103	AJ-AI	253	- 82
AU-AT	270	- 104	AI-AH	253	- 82
AT-AS	270	- 104	AH-AG	253	- 82
AS-AR	349	- 210	AG-AF	253	- 82
AR-AQ	349	- 210	AF-AE	251	- 80
AQ-AP	349	- 210	AE-AD	249	- 79
AP-AO	349	- 210	AD-AC	246	- 77
AO-AN	362	- 143	AC-AA	243	- 77
AN-AM	362	- 143			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AT- H	2	- 309	AM-BR	1	- 1
H -AY	135	- 72	BO-BQ	0	- 86
AY- I	100	- 196	BO-BV	212	- 1

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x12 SP 2400f-2.0E;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;

Plating Notes

All plates are 2X4 except as noted.

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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/198.

Gable Reinforcement

(a) 2x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(b) 2x3 "T" reinforcement. Any species and grade. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.
(c) 2x3 "T" reinforcement. Same species and grade as web. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.
(d) 2x4 "T" reinforcement. Any species and grade. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.
(e) 2x4 SP/DF #2 or better "L" reinforcement. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(f) 2x6 "T" reinforcement. Any species and grade. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.
(g) 2x4 "T" reinforcement. Same species and grade as web. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.
(h) 2x4 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

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Additional Notes

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

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

The overall height of this truss excluding overhang is 10-11-0.

AR-AZ	96	- 191	BP-BU	1	0
AZ-BA	140	- 76	BQ-BT	26	- 2
BA- J	97	- 148	BR-BS	1	- 1
AQ-BB	96	- 145	BS-BU	0	- 6
BB-BC	143	- 77	BS-AL	1	- 2
BC- K	46	- 295	BT- O	0	- 81
AP-BD	51	- 302	BT-BV	15	- 3
BD-BE	141	- 74	BU-BX	1	- 1
L -BF	216	- 1	BV-BW	230	0
BE-BF	7	- 17	AL-BZ	143	- 81
BE-AO	143	- 81	BW-BX	0	- 336
BF-BG	217	- 1	BW-BY	230	0
AO-BH	0	- 388	BX-AL	0	- 332
BG-BH	0	- 396	BY-BZ	5	- 18
BG-BI	216	- 2	BY- Q	230	0
BH-BL	1	- 4	BZ-CA	142	- 76
BH-BP	1	0	CA-AK	43	- 335
M -BK	40	0	R -CB	39	- 327
BI-BJ	211	- 1	CB-CC	143	- 78
AN-BL	0	- 10	CC-AJ	95	- 139
BJ-BK	0	- 48	S -CD	97	- 141
BJ-BO	211	- 1	CD-CE	140	- 77
BK-BN	54	0	CE-AI	96	- 190
BL-BM	1	- 1	T -CF	100	- 195
BM-BP	0	0	CF- U	135	- 73
BN- N	0	- 170	U -AG	2	- 314

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
D -AX	60	- 190	BV- P	18	- 147
E -AW	112	- 136	AF- V	105	- 192
F -AV	96	- 151	AE- W	96	- 151
G -AU	105	- 192	AD- X	108	- 136
M -BI	1	- 258	AC- Y	60	- 190

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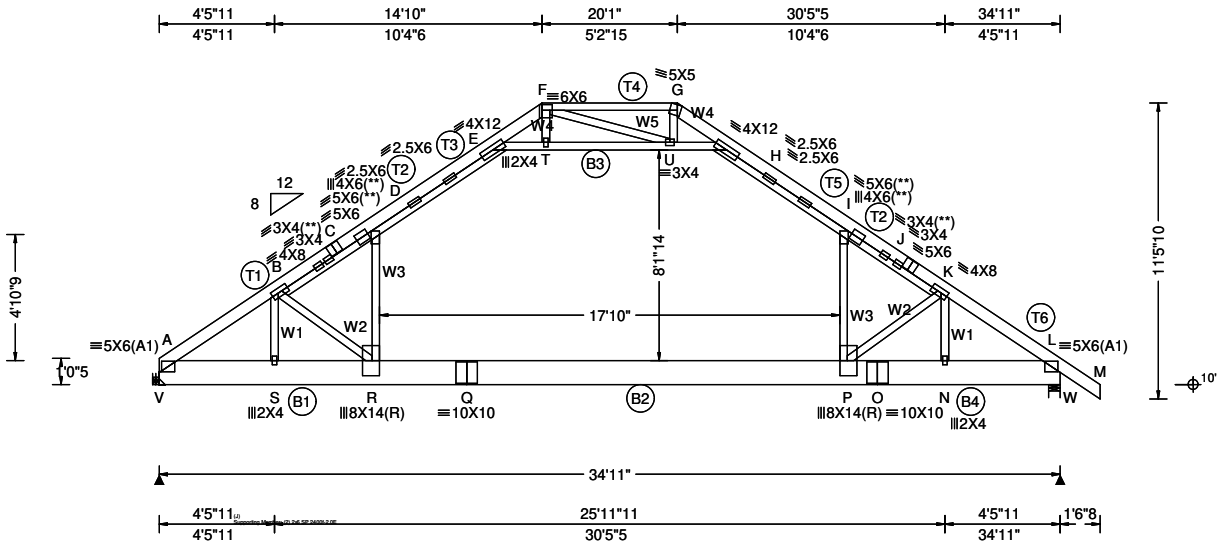
Glenview, IL 60025

SEQN: 738734 ATIC FROM: RFG	Ply: 1 Qty: 4	**Job Number:** 26-3717 STECKBECK **Truss Label:** B2	Cust: R NA JRef:26-3717 T15 DrwNo: ... / ... 04/22/2026	



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: 16.33 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.49 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: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.324	R	999	360
VERT(CL): 0.644	R	644	240
HORZ(LL): 0.195	D	-	-
HORZ(TL): 0.391	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.966
Max BC CSI: 0.515
Max Web CSI: 0.946

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
V	2554	/-	/-	/813	/-	/303
W	2659	/-	/-	/825	/-	/-

Wind reactions based on MWFRS
V Brg Wid = - Min Req = -
W Brg Wid = 5.5 Min Req = 2.2 (Truss)
Bearing W is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
C - D	5428	- 326	G - H	345	- 22
D - E	885	- 3003	I - J	5291	- 310
H - I	5916	- 328	J - K	345	- 5372
A - B	299	- 3624	K - L	278	- 3586
B - C	1808	- 5418	L - M	59	0
E - F	292	- 53	J - K	1544	- 119
F - G	591	- 24			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - S	2952	- 141	P - O	2938	- 123
S - R	2975	- 141	O - N	2938	- 123
R - Q	2643	0	N - L	2914	- 123
Q - P	2643	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - B	107	- 1014	T - U	386	- 3003
B - R	224	- 540	U - G	235	- 60
R - D	2149	0	U - H	391	- 3094
E - T	387	- 3022	P - K	235	- 494
F - T	174	- 12	I - P	2139	0
F - U	199	- 306	K - N	132	- 1029

Lumber

Top chord: 2x6 SP 2400f-2.0E; T2 2x4 SP M-31; T4 2x4 SP #2;
Bot chord: 2x12 SP 2400f-2.0E; B3 2x4 SP #2;
Webs: 2x4 SP #3;

Plating Notes

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

Hangers / Ties

Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

Bearing at location x=0' uses the following support conditions: 0'
Bearing V (0', 10') HUS26
Supporting Member: (2)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(6) 0.148"x3" nails into supported member.

Loading

Attic room loading from 8-6-8 to 26-4-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Purlins

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 10-11-0.

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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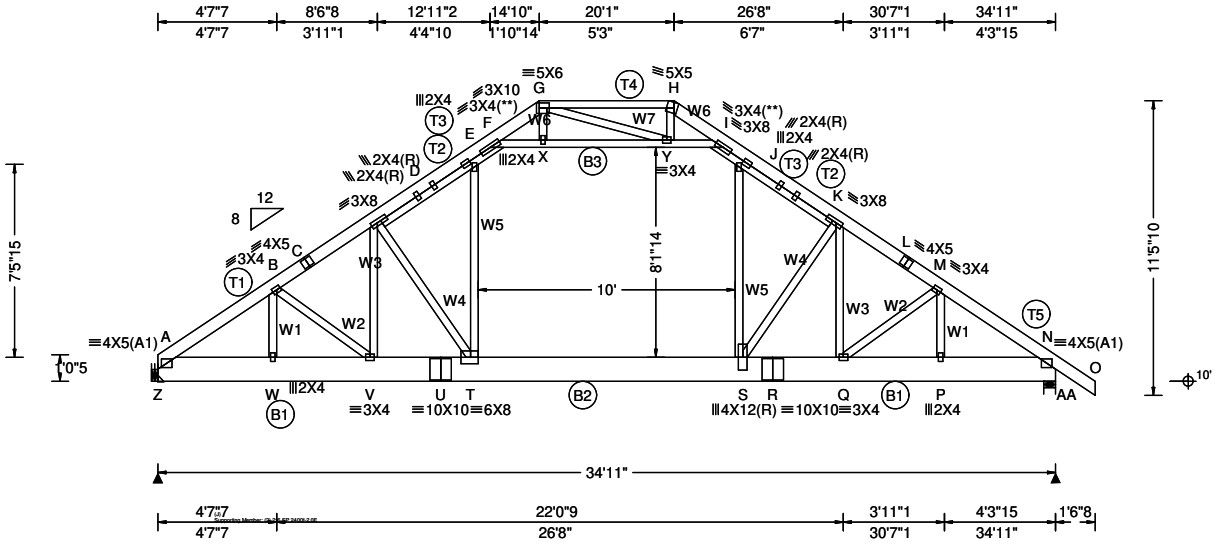
A ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 738886 ATIC FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** B3	Cust: R NA JRef:26-3717 T22 DrwNo: ... / ... 04/22/2026	



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): 0.074 S 999 360
BCLL: 0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.147 S 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): -0.024 J - -
Des Ld: 40.00	EXP: C Kzt: NA		HORZ(TL): 0.048 J - -
NCBCLL: 0.00	Mean Height: 16.33 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 5.0 psf	FBC 8th Ed. 2023 Res.	Max TC CSI: 0.397
Load Duration: 1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.195
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.422
	C&C Dist a: 3.49 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 9.00 ft	Plate Type(s):	VIEW Ver: 24.02.00D.0114.10
	GCpi: 0.18	WAVE	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity	
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
Z	2903 /-	/-	/-	/359	/-
AA	3215 /-	/-	/-	/439	/-

Wind reactions based on MWFRS
Z Brg Wid = - Min Req = -
AA Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearing AA is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
D - E	284	- 5	G - H	71	- 232
E - F	239	- 2311	H - I	91	- 297
J - K	286	- 2345	I - J	997	- 103
A - B	263	- 2097	J - I	481	- 70
B - C	264	- 2159	K - L	285	- 2285
C - D	255	- 2135	L - M	294	- 2308
E - F	735	- 32	M - N	288	- 2223
F - G	93	- 302	N - O	29	- 10

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - W	1697	- 207	S - R	1910	- 236
W - V	1698	- 207	R - Q	1910	- 236
V - U	1790	- 211	Q - P	1796	- 226
U - T	1790	- 211	P - N	1795	- 226
T - S	1824	- 212			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
W - B	47	- 186	X - Y	160	- 1627
B - V	104	- 11	Y - H	93	- 2
V - D	58	- 345	Y - I	161	- 1603
D - T	81	- 192	S - K	44	- 182
T - E	1009	- 64	J - S	1108	- 97
F - X	161	- 1637	K - Q	18	- 162
G - X	93	- 5	Q - M	144	- 12
G - Y	54	- 111	M - P	52	- 209

Lumber

Top chord: 2x6 SP 2400f-2.0E; T3,T4 2x4 SP #2;
Bot chord: 2x12 SP 2400f-2.0E; B3 2x4 SP #2;
Webs: 2x4 SP #3;

Nailnote

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

Plating Notes

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

Loading

Attic room loading from 12-5-8 to 22-5-8: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Purlins

Collar-tie braced with continuous lateral bracing at 24" oc. or rigid ceiling.

Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Hangers / Ties

Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

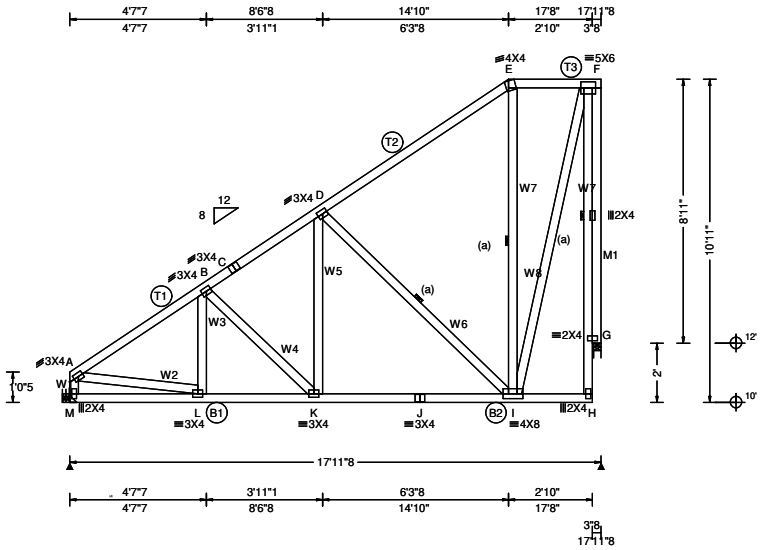
Bearing at location x=0' uses the following support conditions: 0'
Bearing Z (0', 10') HGUS26-2
Supporting Member: (2)2x6 SP 2400f-2.0E
(20) 0.148"x3" nails into supporting member,
(6) 0.148"x3" nails into supported member.

Additional Notes

The overall height of this truss excluding overhang is 10-11-0.

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

SEQN: 738748 SPEC FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** C1	Cust: R NA JRef:26-3717 T27 DrwNo: ... / ... 04/22/2026	



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: 17.01 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.019	K	999	360
VERT(CL): 0.041	K	999	240
HORZ(LL): -0.008	B	-	-
HORZ(TL): 0.014	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.407
Max BC CSI: 0.362
Max Web CSI: 0.701

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
M	748	/-	/-	/467	/-	/305
G	755	/-	/-	/627	/119	/-

Wind reactions based on MWFRS
M Brg Wid = - Min Req = -
G Brg Wid = 3.0 Min Req = 1.5 (Support)
Bearing G is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	- 918	D - E	0	- 343
B - C	0	- 739	E - F	70	- 187
C - D	0	- 703			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
M - L	208	- 462	J - I	559	- 242
L - K	705	- 341	I - H	6	- 2
K - J	559	- 242			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - M	7	- 707	D - I	233	- 517
A - L	671	0	E - I	210	- 236
L - B	72	- 34	I - F	734	- 306
B - K	144	- 195	G - H	30	0
K - D	331	- 45	F - G	231	- 583

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

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.

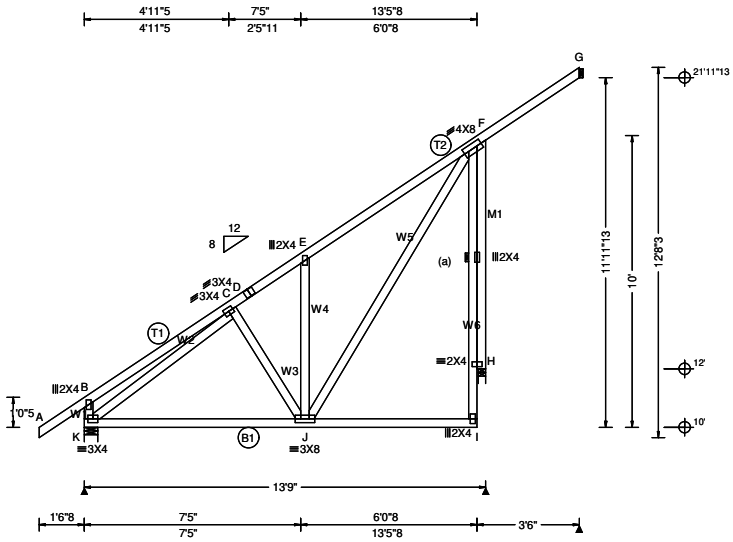
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 10-11-0.

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

SEQN: 738881 SPEC FROM: RFG	Ply: 1 Qty: 2	**Job Number:** 26-3717 STECKBECK **Truss Label:** C2		Cust: R NA JRef:26-3717 T19 DrwNo: ... / ... 04/22/2026	



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: 16.17 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.028	E	999	360
VERT(CL): 0.037	E	999	240
HORZ(LL): -0.015	E	-	-
HORZ(TL): 0.020	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.356
Max BC CSI: 0.520
Max Web CSI: 0.640

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	692	/-	/-	/327	/-	/316
H	844	/-	/-	/583	/193	/-
G	76	/-2	/-	/40	/25	/-

Wind reactions based on MWFRS
K Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 3.0 Min Req = 1.5 (Support)
G Brg Wid = 1.5 Min Req = -
Bearings K & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	59	0	D - E	0	-475
B - C	162	-144	E - F	0	-569
C - D	0	-502	F - G	42	-83

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	462	-237	J - I	13	-4

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - K	245	-296	J - F	716	-275
K - C	0	-535	H - I	126	0
C - J	153	-130	F - H	445	-739
E - J	196	-294			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

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

Wind

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

Left end vertical not exposed to wind pressure.

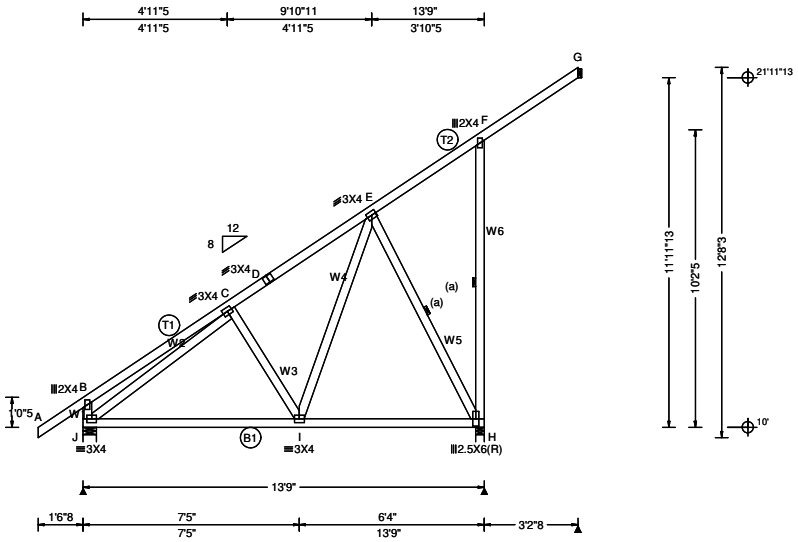
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 12-4-0.

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

SEQN: 738813 MONO FROM: RFG	Ply: 1 Qty: 5	**Job Number:** 26-3717 STECKBECK **Truss Label:** C3		Cust: R NA JRef:26-3717 T17 DrwNo: ... / ... 04/22/2026	



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: 16.17 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.017	C	999	360
VERT(CL): 0.023	I	999	240
HORZ(LL): -0.008	G	-	-
HORZ(TL): 0.011	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.260
Max BC CSI: 0.594
Max Web CSI: 0.455

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	714	/-	/-	/337	/-	/316
H	784	/-	/-	/561	/178	/-
G	86	/-	/-	/57	/33	/-

Wind reactions based on MWFRS
J Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 3.5 Min Req = 1.5 (Truss)
G Brg Wid = 1.5 Min Req = -
Bearings J & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	59	0	D - E	0	-507
B - C	154	-126	E - F	88	-177
C - D	0	-560	F - G	48	-70

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	507	-253	I - H	250	-106

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - J	235	-278	I - E	449	-100
J - C	0	-606	E - H	222	-524
C - I	213	-216	F - H	169	-244

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

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

Wind

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

Left end vertical not exposed to wind pressure.

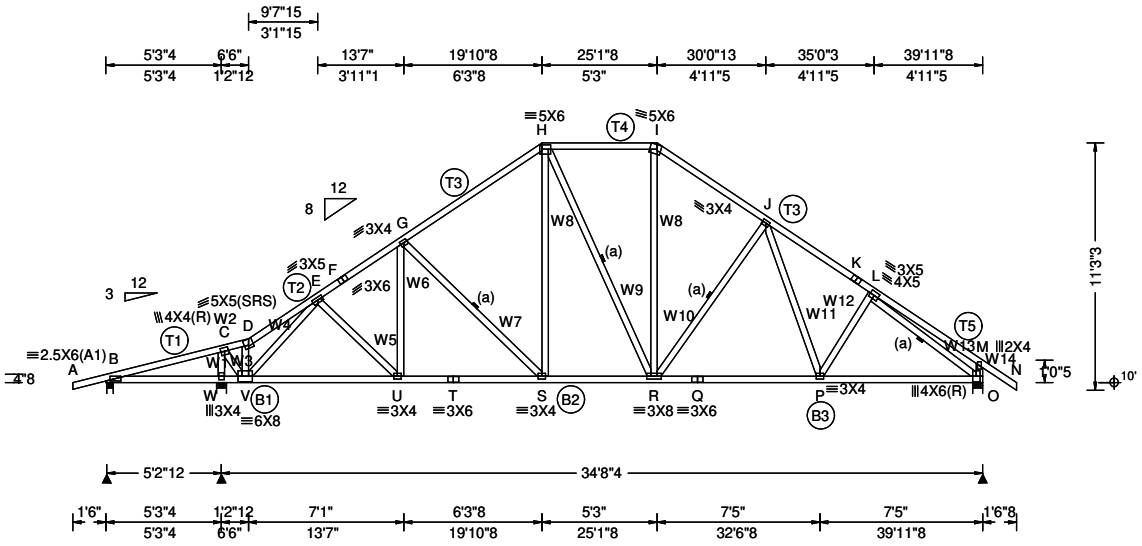
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 12-4-0.

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

SEQN: 738951 COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** D1		Cust: R NA JRef:26-3717 T7 DrwNo: ... / ... 04/22/2026	



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: 16.33 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 4.00 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: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.084	S	999	360
VERT(CL): 0.156	S	999	240
HORZ(LL): 0.048	M	-	-
HORZ(TL): 0.090	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.507
Max BC CSI: 0.758
Max Web CSI: 0.705

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	203	/-53	/-	/20	/114	/292
W	2048	/-	/-	/1269	/249	/-
O	1702	/-	/-	/936	/233	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.5 (Truss)
W Brg Wid = 5.5 Min Req = 2.0 (Truss)
O Brg Wid = 5.5 Min Req = 2.0 (Truss)
Bearings B, W, & O are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	24	0	H - I	455	-1325
B - C	671	-125	I - J	478	-1677
C - D	111	-500	J - K	479	-2082
D - E	174	-626	K - L	452	-2114
E - F	380	-1932	L - M	172	-168
F - G	398	-1888	M - N	59	0
G - H	463	-1684			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	163	-633	S - R	1305	-20
W - V	140	-493	R - Q	1590	-162
V - U	1405	-175	Q - P	1590	-162
U - T	1565	-119	P - O	1720	-246
T - S	1565	-119			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
W - C	390	-1884	H - R	127	-237
C - V	1674	-239	R - I	577	-68
V - D	90	-295	R - J	199	-470
V - E	229	-1427	J - P	325	-43
E - U	229	0	P - L	152	-102
U - G	163	0	L - O	314	-2127
G - S	143	-369	M - O	240	-307
H - S	459	-18			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

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

Wind

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

Right end vertical not exposed to wind pressure.

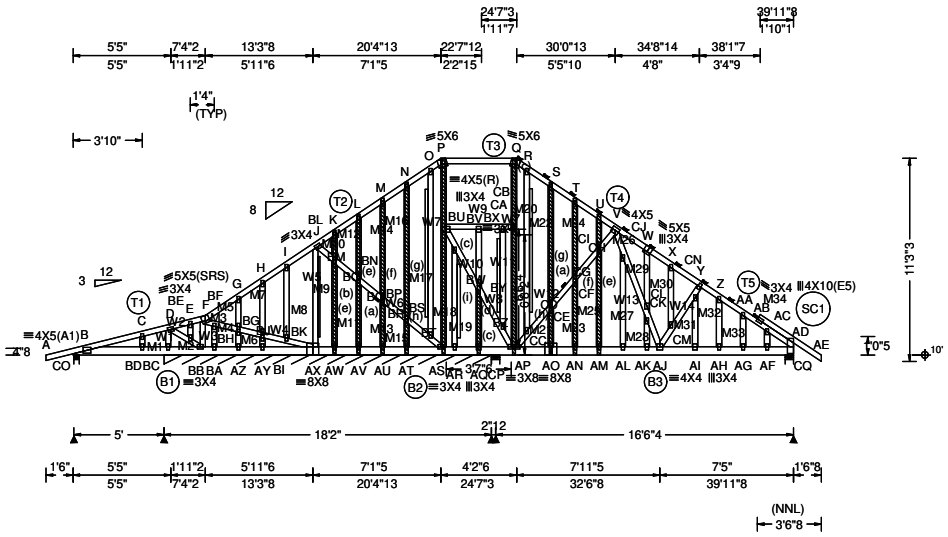
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 10-11-0.

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

SEQN: 738865 GABL FROM: RFG Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** D1E		Cust: R NA JRef:26-3717 T41 DrwNo: ... / ... 04/22/2026	



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: 16.33 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.00 ft
Loc. from endwall: not in 6.06 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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.122	AH	999	360
VERT(CL): 0.150	T	999	240
HORZ(LL): -0.052	AA	-	-
HORZ(TL): 0.058	Z	-	-

Creep Factor: 2.0
Max TC CSI: 0.659
Max BC CSI: 0.495
Max Web CSI: 0.993

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity		Non-Gravity		
Loc	R+ / R-	/ Rh	/ Rw	/ U	/ RL
CO	394 /-	/-	/-	/80	/-
BC	*222 /-	/-	/-	/33	/-
CP	2658 /-	/0	/-	/291	/-
CQ	1927 /-	/-	/-	/277	/-
AR	/-153				
AQ	/-784				

Wind reactions based on MWFRS
CO Brg Wid = 3.5 Min Req = 1.5 (Truss)
BC Brg Wid = 218 Min Req = -
CP Brg Wid = 5.5 Min Req = 1.8 (Truss)
CQ Brg Wid = 5.5 Min Req = 1.6 (Truss)
Bearings CO, BC, CP, & CQ are a rigid surface.

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W7 2x4 SP #2;
Stack Chord: SC1 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

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

TC: From	61 plf at	-1.50 to	61 plf at	7.34
TC: From	64 plf at	7.34 to	64 plf at	41.50
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	39.96
BC: From	5 plf at	39.96 to	5 plf at	41.50

BC: 631 lb Conc. Load at 6.74
BC: 257 lb Conc. Load at 8.77,10.77,12.77,14.77
BC: 669 lb Conc. Load at 16.15
BC: 827 lb Conc. Load at 35.85
BC: 177 lb Conc. Load at 37.90

Plating Notes

All plates are 2X4 except as noted.

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Wind

Wind loads and reactions based on MWFRS.

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/127.

Additional Notes

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

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

The overall height of this truss excluding overhang is 10-11-0.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	34	- 9	Q - R	168	- 28
B - C	24	- 30	R - S	136	- 47
C - D	25	- 12	S - T	120	- 74
D - E	31	- 17	T - U	123	- 70
E - F	40	- 8	U - V	57	- 201
F - G	75	- 97	V - W	174	- 1426
G - H	76	- 72	W - X	170	- 1438
H - I	70	- 102	X - Y	198	- 1608
I - J	93	- 69	Y - Z	236	- 1860
J - K	123	- 48	Z -AA	277	- 2132
K - L	133	- 43	AA-AB	263	- 2050
L - M	134	- 41	AB-AC	220	- 1686
M - N	135	- 40	AB-AD	68	- 471
N - O	134	- 51	AC-AD	219	- 1692
O - P	129	- 23	AD-AE	73	- 18
P - Q	96	- 16			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -BD	6	- 7	AR-AQ	9	- 109
BD-BC	4	- 9	AQ-AP	17	- 218
BC-BB	15	- 6	AP-AO	830	- 93
BB-BA	22	- 29	AO-AN	830	- 93
BA-AZ	23	- 29	AN-AM	830	- 93
AZ-AY	23	- 29	AM-AL	830	- 93
AY-AX	23	- 29	AL-AK	823	- 93
AX-AW	33	- 56	AK-AJ	823	- 93
AW-AV	33	- 56	AJ-AI	1689	- 216

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North Building, 4th Floor
Glenview, IL 60025

Gable Reinforcement

(b) 1x4 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(c) 2x6 "T" reinforcement. Any species and grade. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.
(d) 2x3 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(e) 2x3 "T" reinforcement. Any species and grade. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.
(f) 2x3 "T" reinforcement. Same species and grade as web. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.
(g) 2x4 "T" reinforcement. Same species and grade as web. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.
(h) 2x6 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(i) 2x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

AV-AU	33	- 56	AI-AH	1706	- 218
AU-AT	33	- 56	AH-AG	1697	- 217
AT-AS	33	- 56	AG-AF	1706	- 219
AS-AR	9	- 109	AF-AD	1744	- 225

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
BC- D	45	- 195	BV-BW	46	- 5
D -BE	4	- 36	BW-BX	7	- 67
BE-BB	10	- 43	BX-CA	2	- 23
BB- F	41	- 182	BY-BZ	140	- 16
F -BF	15	- 25	BZ-CA	9	- 66
BF-BG	19	- 24	BZ-AP	84	- 8
BH-BI	7	- 28	CA-CB	3	- 27
BJ-BK	22	- 24	AP-CC	151	- 1276
BK-AX	3	- 30	CB-AP	92	- 599
AX- J	33	- 177	CB- Q	103	- 689
J -BL	13	- 76	CC-CD	153	- 1318
BM-BN	13	- 75	CE-CF	148	- 1258
BO-BP	15	- 77	CG-CH	149	- 1275
BQ-BR	17	- 86	CI- V	146	- 1236
BS-BT	10	- 71	V -CJ	1198	- 146
BT-AS	22	- 116	CJ-CK	1024	- 137
P -BU	58	- 351	CL-AJ	1119	- 142
AS-BU	59	- 371	AJ-CM	149	- 974
BU-BV	77	- 7	CM-CN	159	- 1067
BU-BX	2	- 21	CN- Y	104	- 648

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
C -BD	50	- 172	AR-BV	36	- 3
BE- E	9	- 26	AQ-BY	20	- 177
BA-BF	4	- 17	R -CC	55	- 2
G -BG	34	- 160	CD-AO	41	- 36
AZ-BH	26	- 122	S -CE	22	- 113
H -BI	43	- 216	CF-AN	34	- 225
AY-BJ	62	- 311	T -CG	33	- 201
I -BK	20	- 103	CH-AM	181	- 2
BL- K	19	- 110	U -CI	126	0
AW-BM	20	- 112	AL-CJ	187	- 10
BN- L	31	- 177	CK- W	41	- 150
AV-BO	30	- 170	AK-CL	46	- 250
BP- M	31	- 182	X -CM	199	- 12
AU-BQ	28	- 164	CN-AI	544	- 66
BR- N	37	- 225	AH- Z	390	- 44
AT-BS	48	- 293	AG-AA	45	- 240
BT- O	18	- 113	AF-AC	34	0

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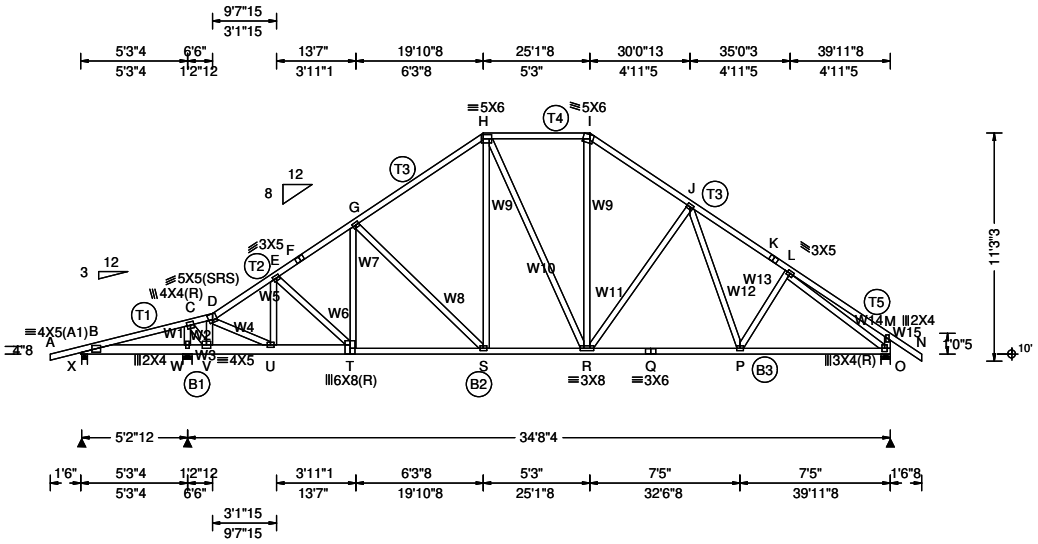
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 738972 COMN FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** D1G	Cust: R NA JRef:26-3717 T14 DrwNo: ... / ... 04/22/2026	



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: 15.46 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.00 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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.036	S	999	360
VERT(CL): 0.073	S	999	240
HORZ(LL): 0.018	M	-	-
HORZ(TL): 0.037	M	-	-

Creep Factor: 2.0
Max TC CSI: 0.268
Max BC CSI: 0.299
Max Web CSI: 0.373

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▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
X	172	/-104	/-	/-	/42	/-
W	3667	/-	/-	/-	/345	/-
O	1562	/-	/-	/-	/274	/-

Wind reactions based on MWFRS
X Brg Wid = 3.5 Min Req = 1.5 (Truss)
W Brg Wid = 5.5 Min Req = 1.5 (Truss)
O Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings X, W, & O are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	12	-5	H - I	94	-587
B - C	616	-70	I - J	130	-748
C - D	14	-352	J - K	145	-924
D - E	129	-953	K - L	151	-940
E - F	143	-923	L - M	15	-86
F - G	134	-902	M - N	29	-10
G - H	134	-764			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	62	-582	S - R	588	-94
W - V	49	-449	R - Q	708	-117
V - U	442	-30	Q - P	708	-117
U - T	778	-103	P - O	769	-130
T - S	745	-112			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
W - C	158	-1620	H - S	209	0
C - V	1477	-112	H - R	21	-2
V - D	117	-677	R - I	239	-2
D - U	498	-79	R - J	40	-215
U - E	53	-220	J - P	126	0
E - T	95	-43	P - L	34	-45
T - G	78	-5	L - O	168	-943
G - S	26	-221	M - O	46	-154

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B1 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W2 2x4 SP #2;

Nailnote

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

Special Loads

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

TC: From	61 plf at	-1.50 to	61 plf at	6.50
TC: From	64 plf at	6.50 to	64 plf at	19.88
TC: From	61 plf at	19.88 to	61 plf at	25.12
TC: From	64 plf at	25.12 to	64 plf at	41.50
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	39.96
BC: From	5 plf at	39.96 to	5 plf at	41.50

BC: 1640 lb Conc. Load at 6.62

Plating Notes

All plates are 3X4 except as noted.

Wind

Wind loads and reactions based on MWFRS.

Right end vertical not exposed to wind pressure.

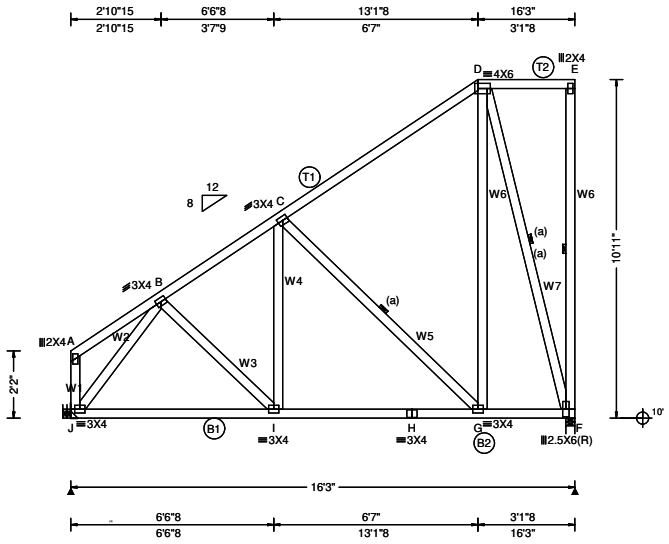
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 10-11-0.

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

SEQN: 738918 COMN FROM: RFG	Ply: 1 Qty: 3	**Job Number:** 26-3717 STECKBECK **Truss Label:** D2		Cust: R NA JRef:26-3717 T48 DrwNo: ... / ... 04/22/2026	



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: 17.42 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): 0.017	I	999	360
VERT(CL): 0.031	I	999	240
HORZ(LL): 0.009	C	-	-
HORZ(TL): 0.016	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.552
Max BC CSI: 0.426
Max Web CSI: 0.521

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	732	/-	/-	/416	/-	/309
F	732	/-	/-	/447	/271	/-

Wind reactions based on MWFRS
J Brg Wid = - Min Req = -
F Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearing F is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	59	- 59	C - D	77	- 355
B - C	84	- 682	D - E	1	- 1

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	459	- 347	H - G	530	- 286
I - H	530	- 286	G - F	184	- 115

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	64	- 92	C - G	245	- 488
J - B	32	- 744	D - G	481	- 238
B - I	151	- 9	D - F	409	- 652
I - C	226	- 7	E - F	109	- 100

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Hangers / Ties

(J) Hanger Support Required, by others

Loading

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

Wind

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

End verticals not exposed to wind pressure.

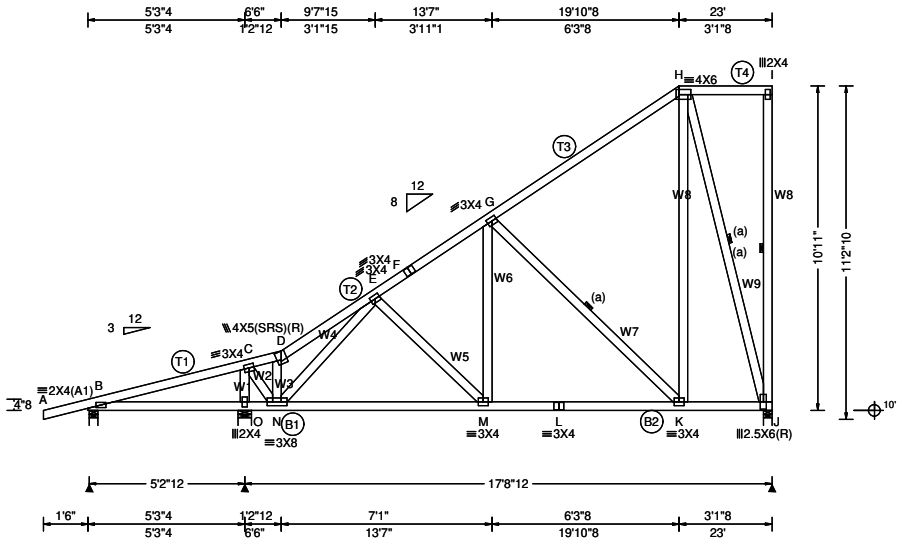
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 10-11-0.

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

SEQN: 738954 COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** D3		Cust: R NA JRef:26-3717 T12 DrwNo: ... / ... 04/22/2026	



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: 16.33 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.030	M	999	360
VERT(CL): 0.040	M	999	240
HORZ(LL): -0.013	G	-	-
HORZ(TL): 0.016	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.553
Max BC CSI: 0.415
Max Web CSI: 0.430

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	276	/-	/-	/90	/86	/316
O	1090	/-	/-	/650	/-	/-
J	773	/-	/-	/594	/90	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.5 (Truss)
O Brg Wid = 5.5 Min Req = 1.5 (Truss)
J Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings B, O, & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	24	0	E - F	0	-761
B - C	238	-238	F - G	0	-718
C - D	0	-324	G - H	0	-370
D - E	0	-421	H - I	25	-52

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	28	-230	M - L	592	-217
O - N	53	-242	L - K	592	-217
N - M	612	-271	K - J	196	-67

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - C	154	-960	M - G	280	0
C - N	763	-10	G - K	216	-559
N - D	4	-235	H - K	531	-87
N - E	90	-475	H - J	236	-695
E - M	83	-32	I - J	40	-100

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

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

Wind

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

Right end vertical not exposed to wind pressure.

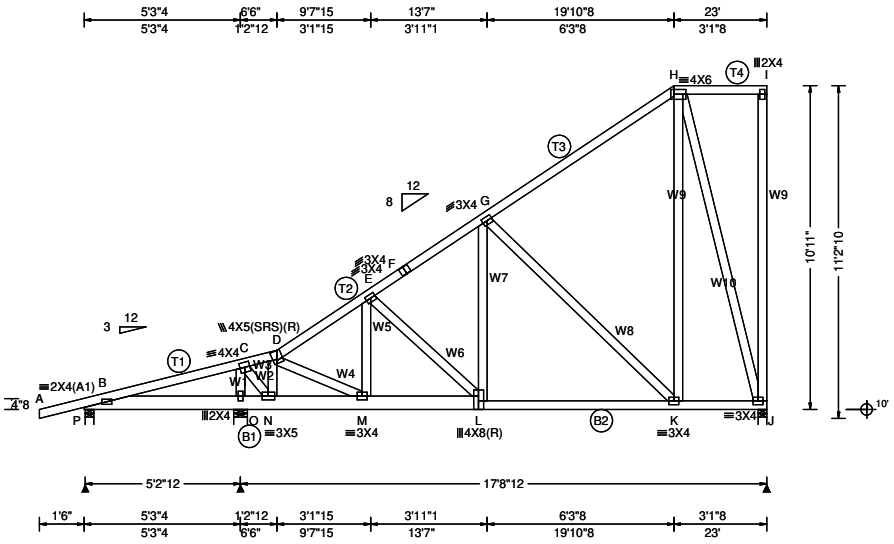
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 10-11-0.

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

SEQN: 738970 COMN FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** D3G		Cust: R NA JRef:26-3717 T8 DrwNo: ... / ... 04/22/2026	



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: 15.46 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.012	L	999	360
VERT(CL): 0.025	L	999	240
HORZ(LL): 0.003	E	-	-
HORZ(TL): 0.007	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.318
Max BC CSI: 0.156
Max Web CSI: 0.426

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
P	251	/-	/-	/-	/69	/-
O	2805	/-	/-	/-	/208	/-
J	797	/-	/-	/-	/127	/-

Wind reactions based on MWFRS
P Brg Wid = 3.5 Min Req = 1.5 (Truss)
O Brg Wid = 5.5 Min Req = 1.5 (Truss)
J Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearings P, O, & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	12	- 5	E - F	63	- 422
B - C	325	- 26	F - G	54	- 400
C - D	22	- 413	G - H	42	- 189
D - E	69	- 586	H - I	0	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - O	19	- 299	M - L	460	- 51
O - N	11	- 197	L - K	329	- 47
N - M	436	- 28	K - J	101	- 14

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
O - C	98	- 1246	L - G	172	0
C - N	1117	- 54	G - K	47	- 321
N - D	58	- 321	H - K	281	- 4
D - M	182	- 25	H - J	48	- 359
M - E	122	- 62	I - J	20	- 47
E - L	7	- 177			

Lumber

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

Nailnote

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

Special Loads

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

TC: From	61 plf at	-1.50 to	61 plf at	6.50
TC: From	64 plf at	6.50 to	64 plf at	19.88
TC: From	61 plf at	19.88 to	61 plf at	23.00
BC: From	4 plf at	-1.50 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	23.00

BC: 1701 lb Conc. Load at 6.62

Wind

Wind loads and reactions based on MWFRS.

Right end vertical not exposed to wind pressure.

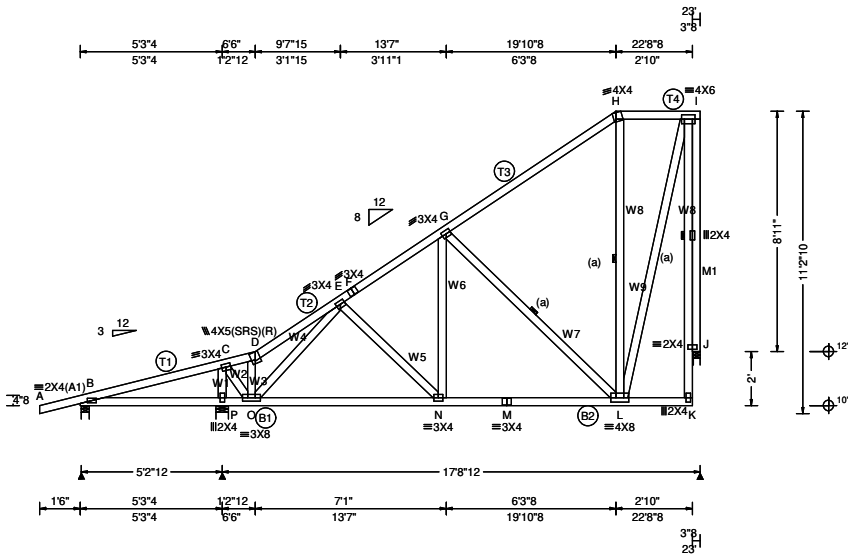
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 10-11-0.

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

SEQN: 738746 SPEC FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** D4		Cust: R NA JRef:26-3717 T26 DrwNo: ... / ... 04/22/2026	



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: 16.33 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.017	N	999	360
VERT(CL): 0.035	N	999	240
HORZ(LL): 0.006	E	-	-
HORZ(TL): 0.013	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.410
Max BC CSI: 0.421
Max Web CSI: 0.631

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	282	/-	/-	/91	/86	/316
P	1030	/-	/-	/643	/-	/-
J	720	/-	/-	/587	/97	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.5 (Truss)
P Brg Wid = 5.5 Min Req = 1.5 (Truss)
J Brg Wid = 3.0 Min Req = 1.5 (Support)
Bearings B, P, & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	24	0	E - F	0	-678
B - C	213	-238	F - G	0	-659
C - D	0	-319	G - H	0	-333
D - E	0	-411	H - I	73	-177

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - P	33	-231	N - M	518	-209
P - O	57	-243	M - L	518	-209
O - N	561	-271	L - K	6	-2

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
P - C	152	-917	G - L	198	-472
C - O	717	-7	H - L	199	-238
O - D	0	-225	L - I	694	-276
O - E	92	-407	J - K	33	0
E - N	92	-53	I - J	216	-565
N - G	288	0			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

Right end vertical not exposed to wind pressure.

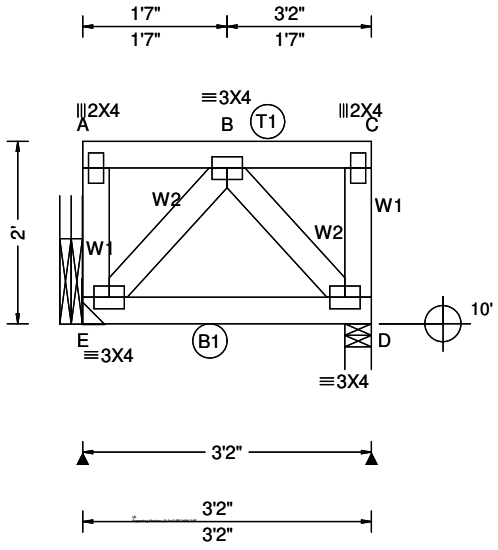
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 10-11-0.

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

SEQN: 738770 FLAT FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** FG1	Cust: R NA JRef:26-3717 T24 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: NA
Loc. from endwall: not in 10.50 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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	B	999	360
VERT(CL): 0.002	B	999	240
HORZ(LL): 0.000	D	-	-
HORZ(TL): 0.001	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.262
Max BC CSI: 0.055
Max Web CSI: 0.051

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E	724	/-	/-	/-	/114	/-
D	877	/-	/-	/-	/126	/-

Wind reactions based on MWFRS
E Brg Wid = - Min Req = -
D Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearing D is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-3	B - C	0	-3

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
E - D	181	-30

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - E	29	-162	B - D	45	-263
E - B	44	-262	C - D	34	-238

Lumber

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

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 3.25" 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 30 plf at 0.00 to 30 plf at 3.17
BC: From 10 plf at 0.00 to 10 plf at 3.17
TC: 755 lb Conc. Load at 0.77
TC: 720 lb Conc. Load at 2.77

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 2-0-0.

Hangers / Ties

Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

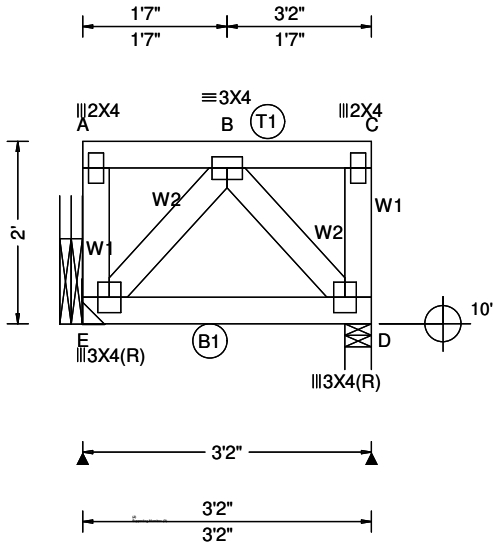
Recommended connection based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information. Additional connection required to evenly distribute hanger reaction throughout all plies of supporting girder.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

Bearing at location x=0' ,y=10' uses the following support conditions: 0'
Bearing E (0', 10') HGUS26-2
Supporting Member: (2)2x12 SP 2400f-2.0E
(20) 0.148"x3" nails into supporting member,
(6) 0.148"x3" nails into supported member.

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

SEQN: 738883 FLAT FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** FG2		Cust: R NA JRef:26-3717 T18 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: NA
Loc. from endwall: not in 10.50 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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.001	B	999	360
VERT(CL): 0.002	B	999	240
HORZ(LL): 0.001	D	-	-
HORZ(TL): 0.001	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.294
Max BC CSI: 0.059
Max Web CSI: 0.056

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E	819	/-	/-	/-	/185	/-
D	997	/-	/-	/-	/225	/-

Wind reactions based on MWFRS
E Brg Wid = - Min Req = -
D Brg Wid = 3.5 Min Req = 1.5 (Truss)
Bearing D is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	-4	B - C	0	-3

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
E - D	199	-48

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - E	46	-191	B - D	69	-288
E - B	69	-287	C - D	66	-279

Lumber

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

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 2.75" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 30 plf at 0.00 to 30 plf at 3.17
BC: From 10 plf at 0.00 to 10 plf at 3.17
TC: 844 lb Conc. Load at 0.73, 2.77

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.

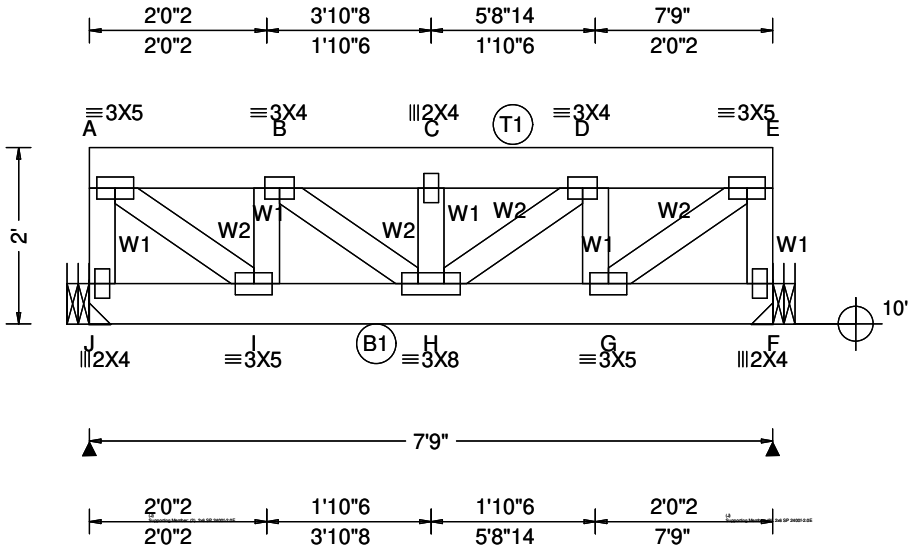
Additional Notes

Truss must be installed as shown with top chord up.

The overall height of this truss excluding overhang is 2-0-0.

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

SEQN: 738968 FLAT FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** FG3		Cust: R NA JRef:26-3717 T50 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: NA
Loc. from endwall: Any
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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.010 C	999	360
VERT(CL):	0.025 C	999	240
HORZ(LL):	0.003 A	-	-
HORZ(TL):	0.006 A	-	-

Creep Factor: 2.0
Max TC CSI: 0.089
Max BC CSI: 0.234
Max Web CSI: 0.457

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	1701	/-	/-	/139	/24	/-
F	1640	/-	/-	/107	/19	/-

Wind reactions based on MWFRS
J Brg Wid = - Min Req = -
F Brg Wid = - Min Req = -

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	5	- 928	C - D	4	- 1279
B - C	4	- 1279	D - E	6	- 906

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	3	0	H - G	969	- 8
I - H	1000	- 7	G - F	3	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	10	- 798	H - D	417	0
A - I	1199	- 6	D - G	10	- 338
I - B	11	- 390	G - E	1171	- 8
B - H	375	0	E - F	11	- 778
C - H	10	- 153			

Lumber

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

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @10.50" 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 2.21
TC: From 154 plf at 2.21 to 154 plf at 4.54
TC: From 30 plf at 4.54 to 30 plf at 7.75
BC: From 10 plf at 0.00 to 10 plf at 7.75
TC: 144 lb Conc. Load at 2.21, 4.54
BC: 128 lb Conc. Load at 1.15
BC: 732 lb Conc. Load at 1.94, 3.94
BC: 860 lb Conc. Load at 5.94

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 2-0-0.

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

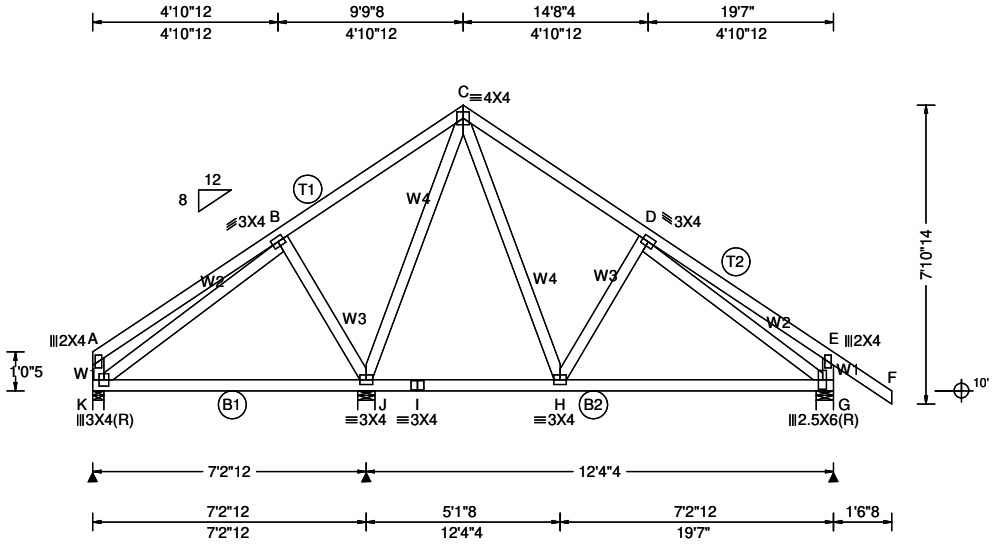
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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
A ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 738830 COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** G1		Cust: R NA JRef:26-3717 T29 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.008	D	999	360
VERT(CL): 0.017	D	999	240
HORZ(LL): 0.004	E	-	-
HORZ(TL): 0.009	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.356
Max BC CSI: 0.471
Max Web CSI: 0.600

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	260	/-	/-	/141	/33	/200
J	901	/-	/-	/562	/152	/-
G	611	/-	/-	/328	/99	/-

Wind reactions based on MWFRS
K Brg Wid = 3.5 Min Req = 1.5 (Truss)
J Brg Wid = 5.5 Min Req = 1.5 (Truss)
G Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings K, J, & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	89	- 131	D - E	150	- 125
B - C	155	- 50	E - F	59	0
C - D	183	- 396			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	176	- 98	I - H	154	- 20
J - I	154	- 20	H - G	377	- 11

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - K	96	- 160	C - H	372	- 105
K - B	84	- 79	H - D	195	- 261
B - J	211	- 316	D - G	25	- 435
J - C	57	- 527	E - G	223	- 271

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.

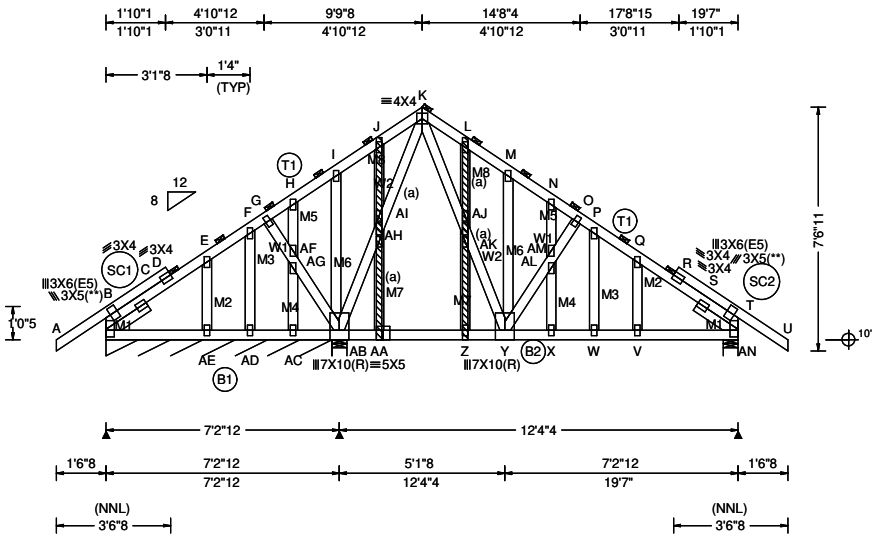
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 7-6-11.

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

SEQN: 738849 GABL FROM: RFG Page 1 of 2	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** G1E		Cust: R NA JRef:26-3717 T34 DrwNo: ... / ... 04/22/2026	



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): 0.024 V 999 360
BCLL:	0.00	Enclosure: Closed	Lu: NA Cs: NA	VERT(CL): 0.053 V 999 240
BCDL:	10.00	Risk Category: II	Snow Duration: NA	HORZ(LL): 0.016 R - -
Des Ld:	40.00	EXP: C Kzt: NA		HORZ(TL): 0.027 Q - -
NCBCLL:	10.00	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: 0.334
Load Duration:	1.25	BCDL: 5.0 psf	TPI Std: 2014	Max BC CSI: 0.306
Spacing:	24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.876
		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: 24.02.00D.0114.10
		Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B*	110	/-	/-	/49	/23	/35
AB	1111	/-	/-	/494	/157	/-
AN	912	/-	/-	/420	/167	/-

Wind reactions based on MWFRS
B Brg Wid = 84.0 Min Req = -
AB Brg Wid = 5.5 Min Req = 1.5 (Truss)
AN Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, AB, & AN are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	86	0	K - L	514	-563
B - C	158	-290	L - M	467	-617
B - D	215	-72	M - N	379	-577
C - D	123	-212	N - O	375	-642
D - E	164	-141	O - P	359	-670
E - F	148	-113	P - Q	381	-792
F - G	161	-100	Q - R	308	-801
G - H	169	-90	R - S	131	-826
H - I	206	-78	R - T	215	-72
I - J	305	-76	S - T	134	-830
J - K	351	-41	T - U	86	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AE	168	-101	Z - Y	229	-17
AE-AD	173	-99	Y - X	642	-84
AD-AC	174	-99	X - W	642	-84
AC-AB	174	-99	W - V	640	-83
AB-AA	229	-17	V - T	646	-89
AA- Z	229	-17			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
G -AF	89	-65	K -AJ	687	-397
AG-AB	99	-73	AK- Y	644	-376
AB-AH	26	-695	Y -AL	258	-357
AI- K	9	-661	AM- O	263	-355

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
E -AE	203	-231	AJ- L	64	-75

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.500'
Rt Slider: 2x4 SP #3; block length = 1.500'

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

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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/269.

Gable Reinforcement

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

Additional Notes

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

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

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

****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

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Glenview, IL 60025

F -AD	22	- 77	Z -AK	61	- 28
AF- H	48	- 84	Y - M	145	- 248
AC-AG	39	- 77	AL- X	68	- 9
I -AB	165	- 277	N -AM	73	- 15
AH-AA	56	- 34	W - P	88	- 55
J -AI	63	- 72	V - Q	118	- 103

****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.

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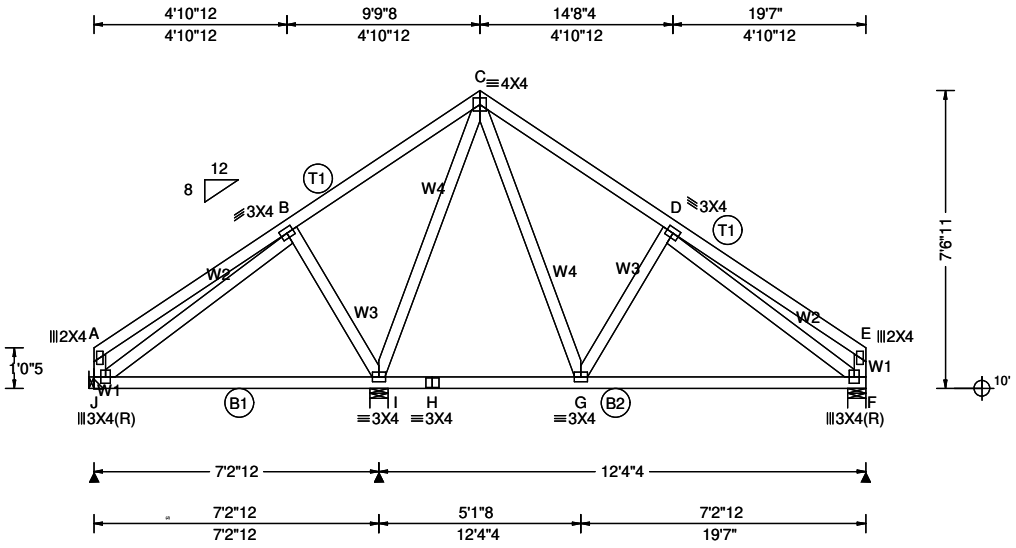
ALPINE
A ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 738832 COMN FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** G2		Cust: R NA JRef:26-3717 T35 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.008	D	999	360
VERT(CL): 0.017	D	999	240
HORZ(LL): 0.004	E	-	-
HORZ(TL): 0.009	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.356
Max BC CSI: 0.473
Max Web CSI: 0.609

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	260	/-	/-	/146	/23	/181
I	909	/-	/-	/553	/168	/-
F	498	/-	/-	/319	/67	/-

Wind reactions based on MWFRS
J Brg Wid = - Min Req = -
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
F Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings I & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	88	- 131	C - D	178	- 406
B - C	156	- 59	D - E	91	- 136

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	163	- 108	H - G	140	- 33
I - H	140	- 33	G - F	394	- 42

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	96	- 160	C - G	388	- 114
J - B	75	- 87	G - D	205	- 279
B - I	213	- 316	D - F	53	- 433
I - C	77	- 535	E - F	97	- 159

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 7-6-11.

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155 Harlem Ave
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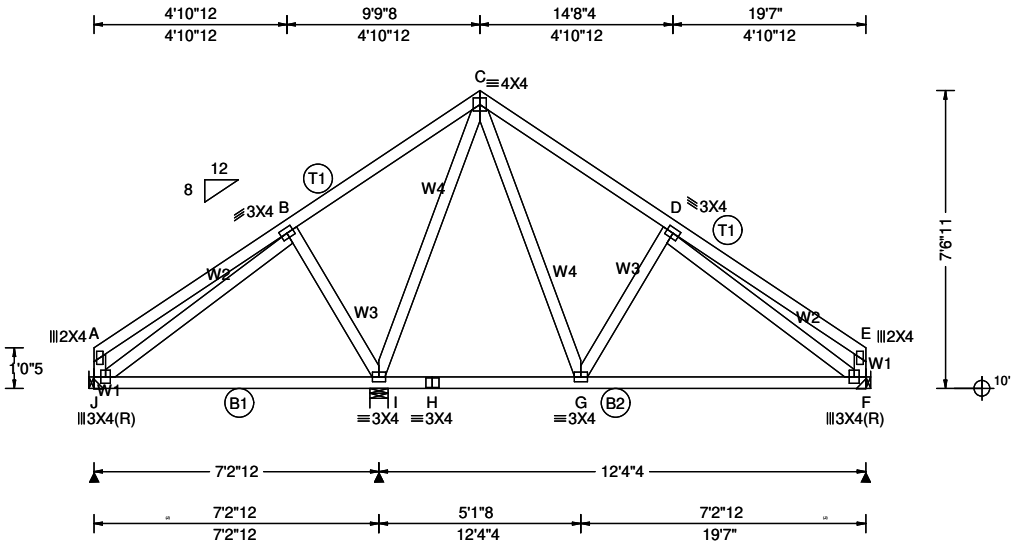
Glenview, IL 60025

SEQN: 738837 COMN FROM: RFG	Ply: 1 Qty: 2	**Job Number:** 26-3717 STECKBECK **Truss Label:** G3		Cust: R NA JRef:26-3717 T36 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.009	D	999	360
VERT(CL): 0.019	D	999	240
HORZ(LL): 0.005	E	-	-
HORZ(TL): 0.010	E	-	-

Creep Factor: 2.0
Max TC CSI: 0.356
Max BC CSI: 0.473
Max Web CSI: 0.647

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
J	253	/-	/-	/146	/23	/181
I	989	/-	/-	/553	/168	/-
F	512	/-	/-	/319	/67	/-

Wind reactions based on MWFRS
J Brg Wid = - Min Req = -
I Brg Wid = 5.5 Min Req = 1.5 (Truss)
F Brg Wid = - Min Req = -
Bearing I is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	88	- 127	C - D	178	- 435
B - C	160	- 59	D - E	91	- 133

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
J - I	163	- 108	H - G	140	- 33
I - H	140	- 33	G - F	416	- 42

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - J	96	- 157	C - G	436	- 114
J - B	75	- 87	G - D	205	- 276
B - I	213	- 316	D - F	53	- 466
I - C	77	- 568	E - F	97	- 158

Lumber

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

Hangers / Ties

(J) Hanger Support Required, by others

Loading

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

Wind

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

End verticals not exposed to wind pressure.

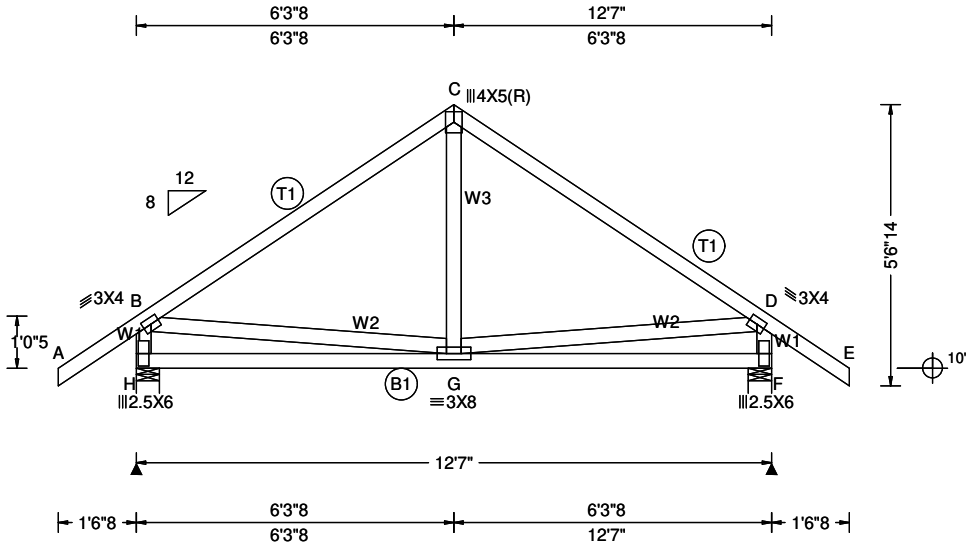
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 7-6-11.

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

SEQN: 738861 COMN FROM: RFG	Ply: 1 Qty: 3	**Job Number:** 26-3717 STECKBECK **Truss Label:** H1		Cust: R NA JRef:26-3717 T4 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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): 0.007	G	999	360
VERT(CL): 0.013	G	999	240
HORZ(LL): 0.003	D	-	-
HORZ(TL): 0.004	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.452
Max BC CSI: 0.356
Max Web CSI: 0.200

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	635	/-	/-	/315	/108	/118
F	635	/-	/-	/315	/108	/-

Wind reactions based on MWFRS
H Brg Wid = 5.5 Min Req = 1.5 (Truss)
F Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings H & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	59	0	C - D	266	-566
B - C	266	-566	D - E	59	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	183	-136	G - F	67	-40

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - H	407	-584	G - D	334	-7
B - G	334	-5	D - F	406	-584
C - G	244	0			

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.

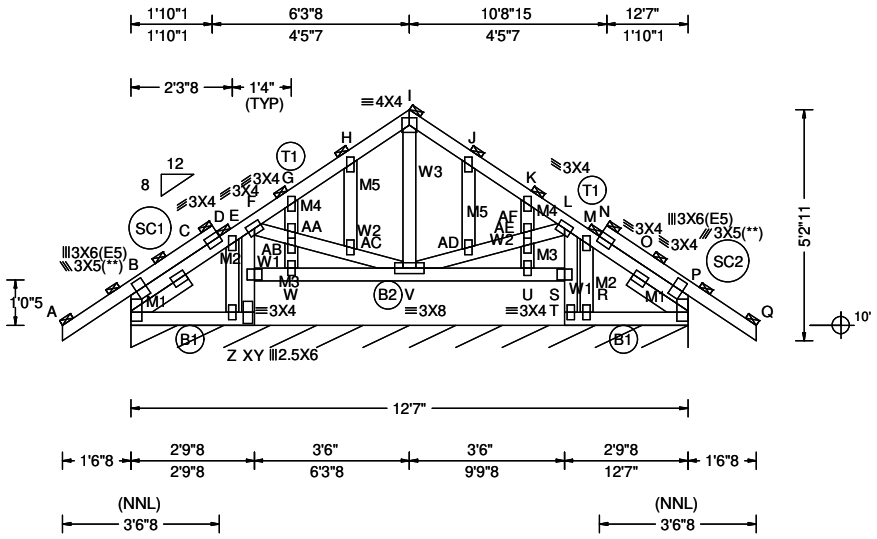
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 5-2-11.

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

SEQN: 738863 GABL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** H1E	Cust: R NA JRef:26-3717 T28 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.009	H	999	360
VERT(CL): 0.019	H	999	240
HORZ(LL): 0.005	H	-	-
HORZ(TL): 0.011	H	-	-

Creep Factor: 2.0
Max TC CSI: 0.337
Max BC CSI: 0.112
Max Web CSI: 0.312

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
P*	143	/-	/-	/60	/40	/13

Wind reactions based on MWFRS
P Brg Wid = 151 Min Req = -
Bearing B is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	86	0	I - J	335	-296
B - C	199	-193	J - K	289	-346
B - D	272	-71	K - L	232	-360
C - D	192	-187	L - M	263	0
D - E	269	-130	M - N	247	0
E - F	287	-114	N - O	14	-24
F - G	243	-360	N - P	272	-71
G - H	296	-346	O - P	53	-49
H - I	337	-296	P - Q	86	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Z	149	-152	V - U	25	0
Z - Y	151	-153	U - S	25	0
X - W	32	-17	T - R	20	-11
W - V	32	-17	R - P	20	-9

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
X - Y	196	-517	V -AD	232	0
X - F	144	-454	AD-AE	251	0
F -AA	258	0	AF- L	258	0
AB-AC	251	0	L - S	116	-454
AC- V	232	0	S - T	162	-517
I - V	88	-174			

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
E - Z	50	-79	AD- J	60	-59
G -AA	96	-75	AE- U	101	-74
W -AB	102	-74	AF- K	95	-75
H -AC	61	-59	R - M	46	-52

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.500'
Rt Slider: 2x4 SP #3; block length = 1.500'

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

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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.

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

Additional Notes

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

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

The overall height of this truss excluding overhang is 4-10-7.

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

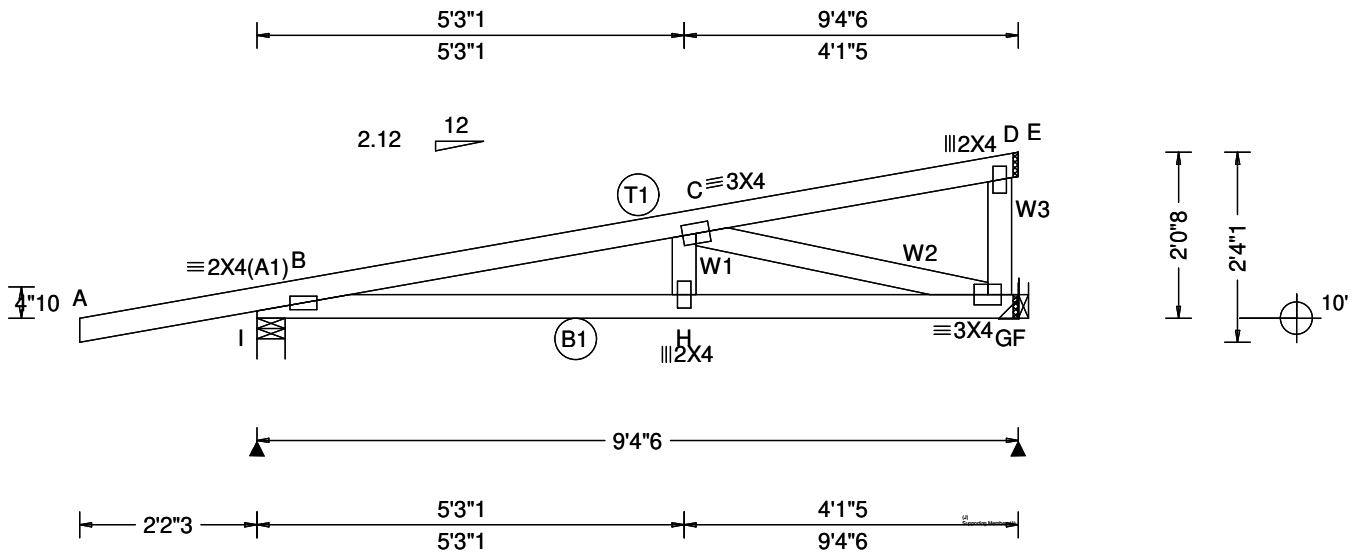
Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. 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
A ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 738826 HIP_ FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** HJ1		Cust: R NA JRef:26-3717 T9 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.034	H	999	360
VERT(CL): 0.070	H	999	240
HORZ(LL): 0.007	G	-	-
HORZ(TL): 0.015	G	-	-

Creep Factor: 2.0
Max TC CSI: 0.383
Max BC CSI: 0.543
Max Web CSI: 0.342

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
I	358	/-	/-	/-	/62	/-
F	374	/-	/-	/-	/51	/-

Wind reactions based on MWFRS
I Brg Wid = 4.2 Min Req = 1.5 (Truss)
F Brg Wid = - Min Req = -
Bearing I is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	12	-5	C - D	15	-46
B - C	136	-1048	D - E	0	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - H	1024	-131	G - F	0	0
H - G	1003	-136			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - C	186	0	D - G	19	-59
C - G	139	-1023			

Lumber

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

Special Loads

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

TC: From	0 plf at	-2.18 to	60 plf at	0.00
TC: From	2 plf at	0.00 to	2 plf at	9.37
BC: From	0 plf at	-2.18 to	4 plf at	0.00
BC: From	2 plf at	0.00 to	2 plf at	9.37

TC: 8 lb Conc. Load at 1.75
TC: 108 lb Conc. Load at 3.73
TC: 233 lb Conc. Load at 6.56
BC: 24 lb Conc. Load at 1.75
BC: 85 lb Conc. Load at 3.73
BC: 166 lb Conc. Load at 6.56

Hangers / Ties

(J) Hanger Support Required, by others

Wind

Wind loads and reactions based on MWFRS.

Right end vertical not exposed to wind pressure.

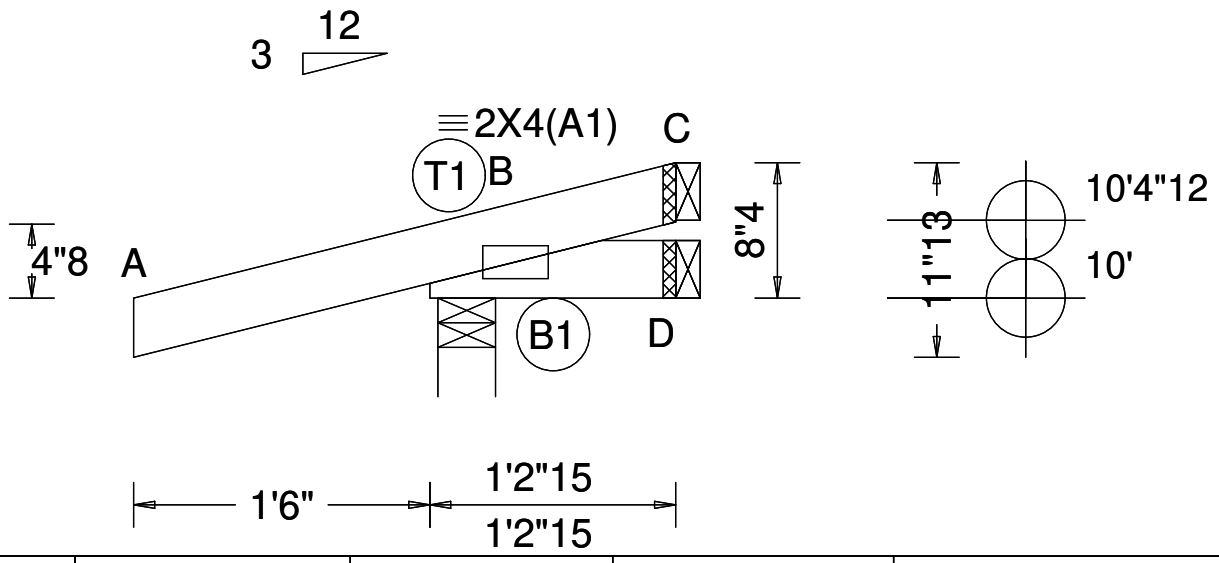
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 2-0-8.

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

SEQN: 738824	JACK	Ply: 1	**Job Number:** 26-3717		Cust: R NA	JRef:26-3717	T40
FROM: RFG		Qty: 2	STECKBECK		DrwNo:		
			Truss Label: J1		... / ...	04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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):	NA		
VERT(CL):	NA		
HORZ(LL):	0.000 D	-	-
HORZ(TL):	0.000 D	-	-

Creep Factor: 2.0
Max TC CSI: 0.230
Max BC CSI: 0.027
Max Web CSI: 0.000

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	202	/-	/-	/63	/101	/28
D	12	/-5	/-	/19	/-	/-
C	4	/-6	/-	/20	/2	/-

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.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	22	0	B - C	9	-8

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	0	0

Lumber

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

Wind

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

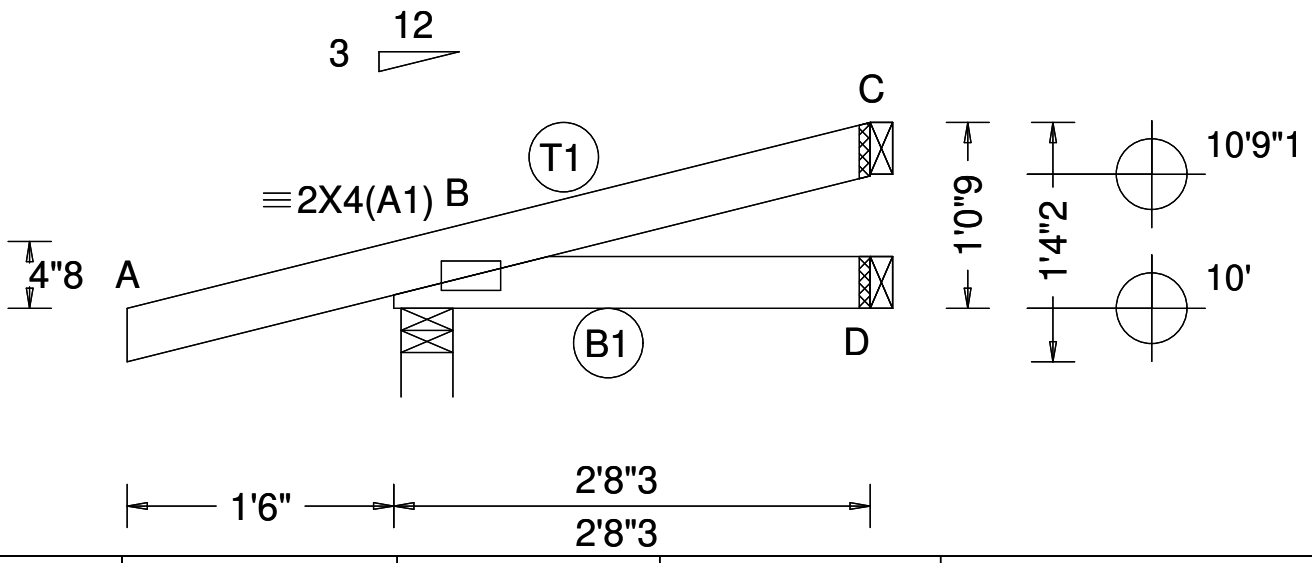
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 0-8-4.

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

SEQN: 738821	JACK	Ply: 1	**Job Number:** 26-3717		Cust: R NA	JRef:26-3717	T43
FROM: RFG		Qty: 2	STECKBECK		DrwNo:		
			Truss Label: J2		... / ...	04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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):	NA		
VERT(CL):	NA		
HORZ(LL):	0.001 B	-	-
HORZ(TL):	0.001 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.225
Max BC CSI: 0.049
Max Web CSI: 0.000

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	236	/-	/-	/86	/85	/38
D	43	/-	/-	/29	/-	/-
C	54	/-	/-	/30	/22	/-

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.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	24	0	B - C	13	-35

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	0	0

Lumber

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

Wind

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

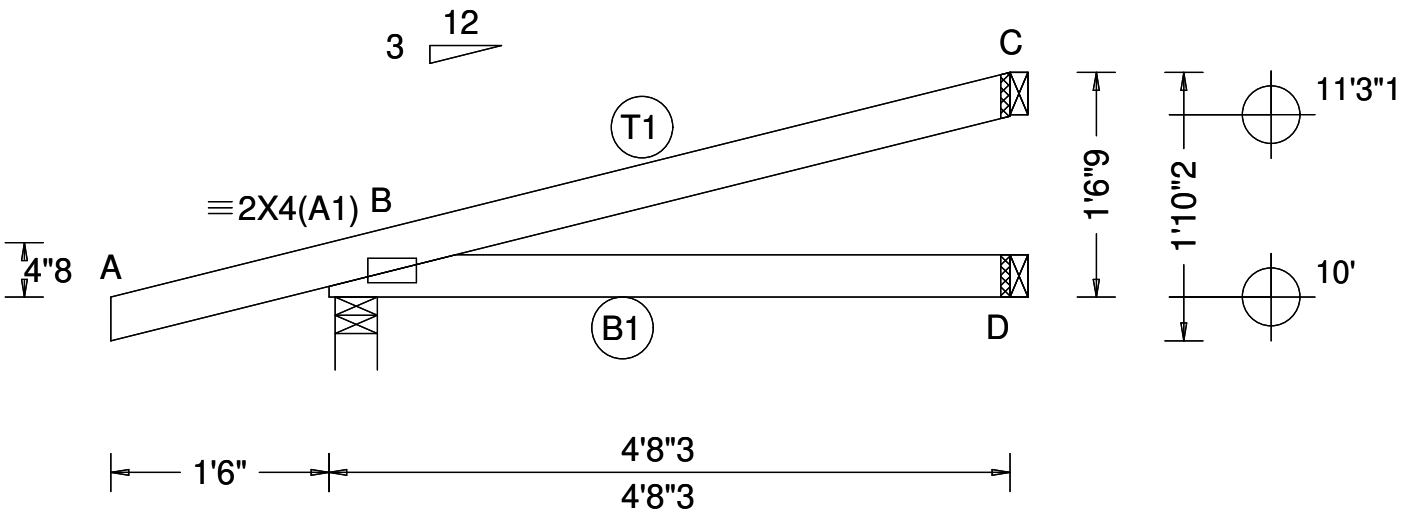
Wind loading based on both gable and hip roof types.

Additional Notes

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

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

SEQN: 738819	JACK	Ply: 1	**Job Number:** 26-3717		Cust: R NA	JRef:26-3717	T32
FROM: RFG		Qty: 2	STECKBECK		DrwNo:		
			Truss Label: J3		... / ...	04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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):	NA		
VERT(CL):	NA		
HORZ(LL):	0.005 B	-	-
HORZ(TL):	0.007 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.296
Max BC CSI: 0.195
Max Web CSI: 0.000

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	304	/-	/-	/124	/86	/54
D	83	/-	/-	/49	/-	/-
C	117	/-	/-	/51	/47	/-

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.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	24	0	B - C	28	-55

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	0	0

Lumber

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

Wind

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

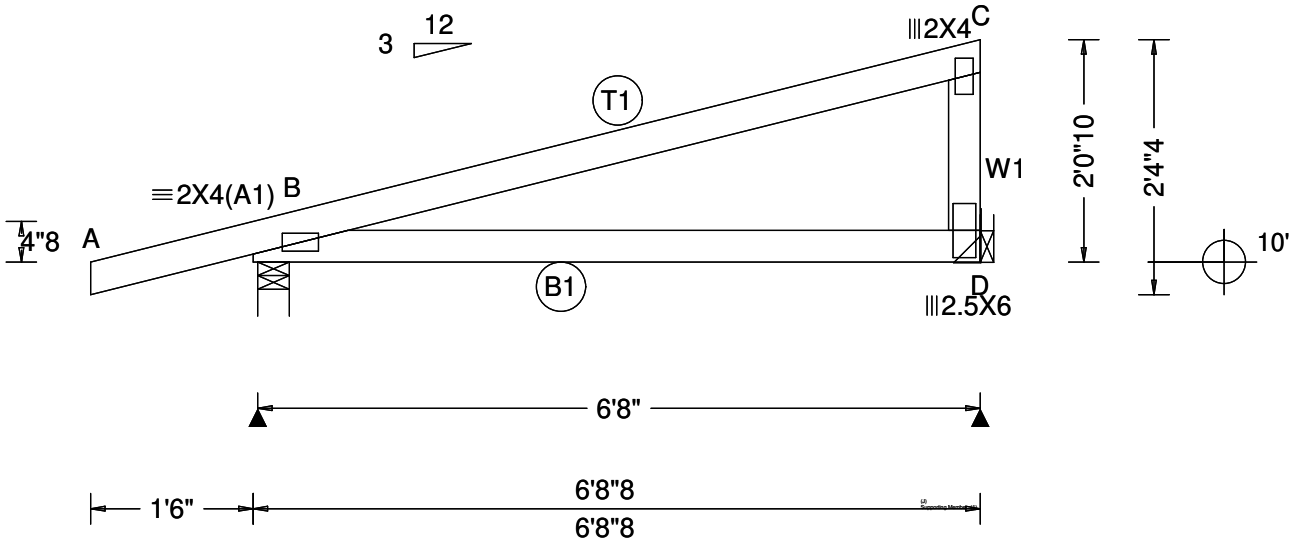
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 1-6-9.

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

SEQN: 738828 EJAC FROM: RFG	Ply: 1 Qty: 5	**Job Number:** 26-3717 STECKBECK **Truss Label:** J4		Cust: R NA JRef:26-3717 T46 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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): NA
VERT(CL): NA
HORZ(LL): 0.017 B - -
HORZ(TL): 0.023 B - -
Creep Factor: 2.0
Max TC CSI: 0.563
Max BC CSI: 0.417
Max Web CSI: 0.244

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	381	/-	/-	/165	/91	/70
D	257	/-	/-	/141	/55	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.5 (Truss)
D Brg Wid = - Min Req = -
Bearing B is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	24	0	B - C	0	-90

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	46	-42

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - D	242	-172

Lumber

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

Hangers / Ties

Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

(J) Hanger Support Required, by others
Bearing D (6'5"8, 10') HUS26
Supporting Member: (1)2x6 SP 2400f-2.0E
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

Wind

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

Right end vertical not exposed to wind pressure.

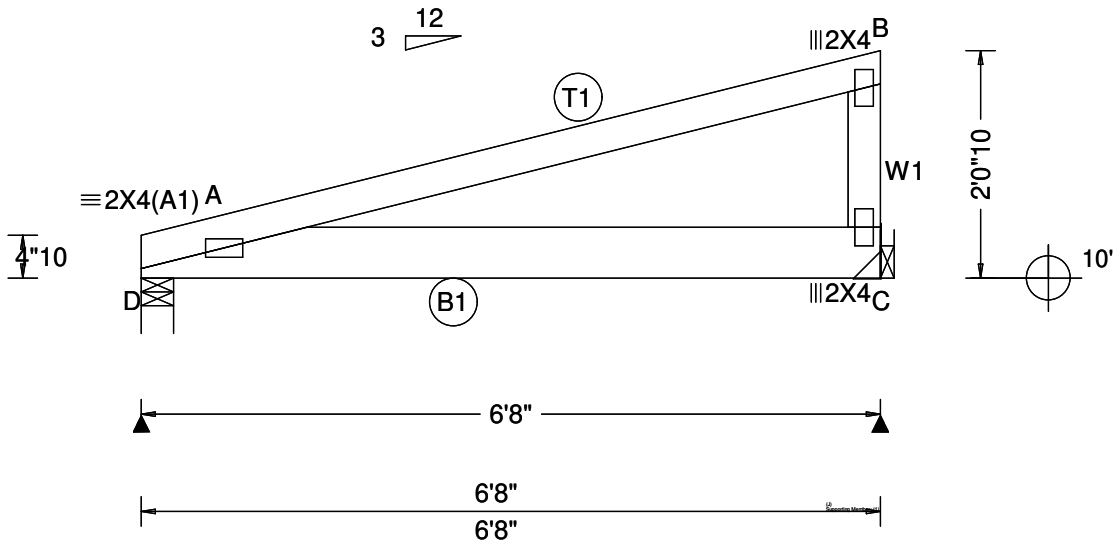
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 2-0-10.

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

SEQN: 738845 MONO FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** J5		Cust: R NA JRef:26-3717 T37 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.015	A	- -
HORZ(TL):	0.028	A	- -

Creep Factor: 2.0
Max TC CSI: 0.569
Max BC CSI: 0.439
Max Web CSI: 0.164

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D	568	/-	/-	/-	/98	/-
C	669	/-	/-	/-	/106	/-

Wind reactions based on MWFRS
D Brg Wid = 3.5 Min Req = 1.5 (Truss)
C Brg Wid = - Min Req = -
Bearing D is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	27	-82

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - C	47	-10

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - C	59	-162

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

Special Loads
------(Lumber Dur.Fac.=1.25 / Plate Dur.Fac.=1.25)
TC: From 61 plf at 0.00 to 61 plf at 6.67
BC: From 10 plf at 0.00 to 10 plf at 6.67
BC: 260 lb Conc. Load at 1.90
BC: 253 lb Conc. Load at 3.90, 5.90

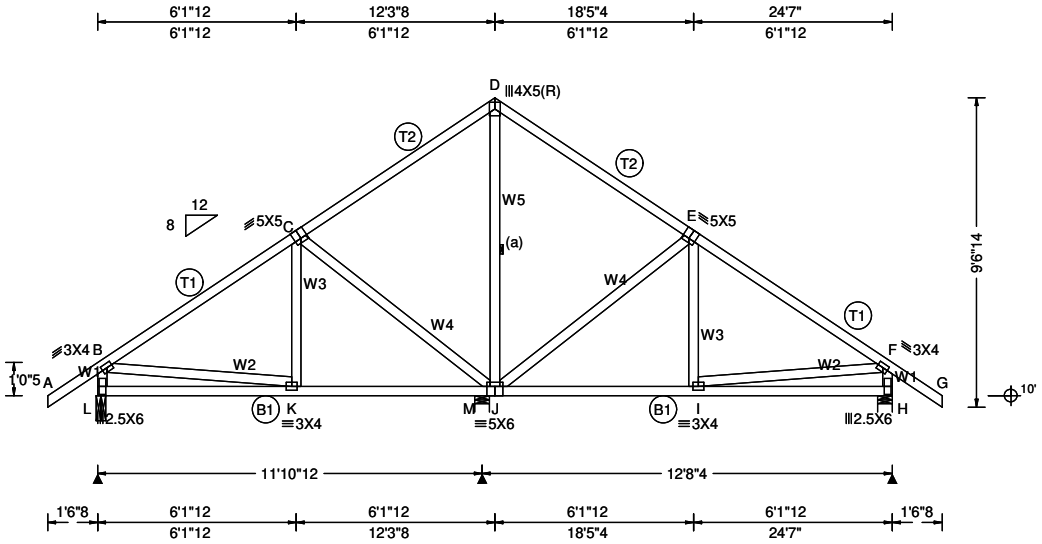
Hangers / Ties
(J) Hanger Support Required, by others

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

Additional Notes
The overall height of this truss excluding overhang is 2-0-10.

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

SEQN: 738802 SPEC FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** K1		Cust: R NA JRef:26-3717 T5 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.017	I	999	360
VERT(CL): 0.035	I	999	240
HORZ(LL): 0.007	F	-	-
HORZ(TL): 0.014	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.458
Max BC CSI: 0.497
Max Web CSI: 0.538

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
L	753	/-	/-	/381	/128	/230
M	749	/-	/-	/447	/117	/-
H	777	/-	/-	/411	/132	/-

Wind reactions based on MWFRS
L Brg Wid = 3.0 Min Req = 1.5 (Truss)
M Brg Wid = 5.5 Min Req = 1.5 (Truss)
H Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings L, M, & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	59	0	D - E	193	-372
B - C	157	-735	E - F	168	-792
C - D	190	-372	F - G	59	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
L - K	283	-233	J - I	571	-17
K - J	1054	-230	I - H	52	-19

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - L	232	-694	J - E	186	-465
B - K	473	0	E - I	251	0
K - C	197	0	I - F	528	0
C - J	177	-423	F - H	240	-732
D - J	42	-83			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

End verticals not exposed to wind pressure.

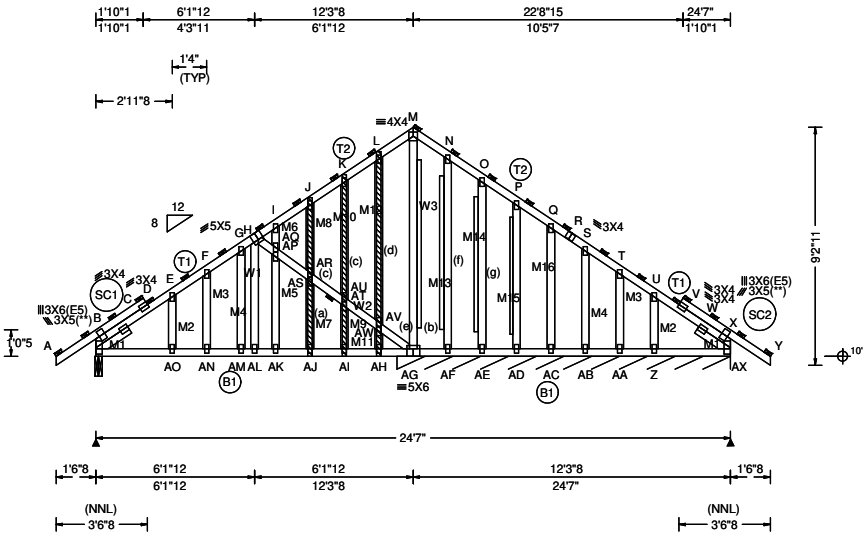
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-2-11.

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

SEQN: 738807 GABL	Ply: 1	**Job Number:** 26-3717		Cust: R NA	JRef:26-3717 T2
FROM: RFG	Qty: 1	STECKBECK		DrwNo:	
Page 1 of 2		**Truss Label:** K1E		... / ...	04/22/2026



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 12.11 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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	-0.086 AO	999	360
VERT(CL):	0.061 AI	999	240
HORZ(LL):	-0.062 E	-	-
HORZ(TL):	0.077 E	-	-

Creep Factor: 2.0
Max TC CSI: 0.472
Max BC CSI: 0.605
Max Web CSI: 0.965

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	867	/-	/-	/352	/274	/313
AX	*206	/-	/-	/83	/47	/-

Wind reactions based on MWFRS
B Brg Wid = 3.0 Min Req = 1.5 (Truss)
AX Brg Wid = 155 Min Req = -
Bearings B & AG are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	86	0	M - N	310	-52
B - C	74	-728	N - O	262	-28
B - D	185	-72	O - P	206	-5
C - D	68	-723	P - Q	155	-9
D - E	211	-698	Q - R	104	-21
E - F	265	-687	R - S	98	-27
F - G	306	-653	S - T	87	-51
G - H	337	-587	T - U	96	-80
H - I	158	-159	U - V	155	-141
I - J	182	-134	V - W	111	-287
J - K	211	-110	V - X	185	-72
K - L	253	-91	W - X	140	-287
L - M	306	-72	X - Y	86	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AO	561	-171	AG-AF	247	-109
AO-AN	555	-168	AF-AE	247	-108
AN-AM	552	-167	AE-AD	246	-107
AM-AL	551	-166	AD-AC	245	-106
AL-AK	546	-165	AC-AB	244	-104
AK-AJ	546	-165	AB-AA	242	-103
AJ-AI	546	-165	AA- Z	240	-101
AI-AH	546	-165	Z - X	236	-97
AH-AG	546	-165			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
AL- H	384	-181	AU-AV	338	-763
H -AP	340	-764	AW-AG	343	-782
AQ-AR	310	-700	AG- M	37	-273
AS-AT	323	-730			

Maximum Gable Forces Per Ply (lbs)

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Stack Chord: SC1 2x4 SP #2;
Stack Chord: SC2 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.500'
Rt 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.

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

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

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.

Gable meets L/120 deflection criteria for wind load applied to face. Calculated deflection ratio is L/285.

Gable Reinforcement

(b) 2x6 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(c) 2x3 "T" reinforcement. Any species and grade. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.
(d) 2x3 "T" reinforcement. Same species and grade as web. Full truss height along web member. Attach to the wide face with 10d (0.131"x3",min.) nails @ 4" oc in the web plus (2)10d (0.131"x3",min.) nails in each chord.
(e) 2x4 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(f) 2x4 "L" reinforcement. Any species and grade. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.
(g) 1x4 "L" reinforcement. Same species and grade as web. 80% length of web member. Attach with 10d (0.131"x3",min.) nails @ 2" oc at each end for the first 18" and then 4" oc for the remainder.

****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

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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.

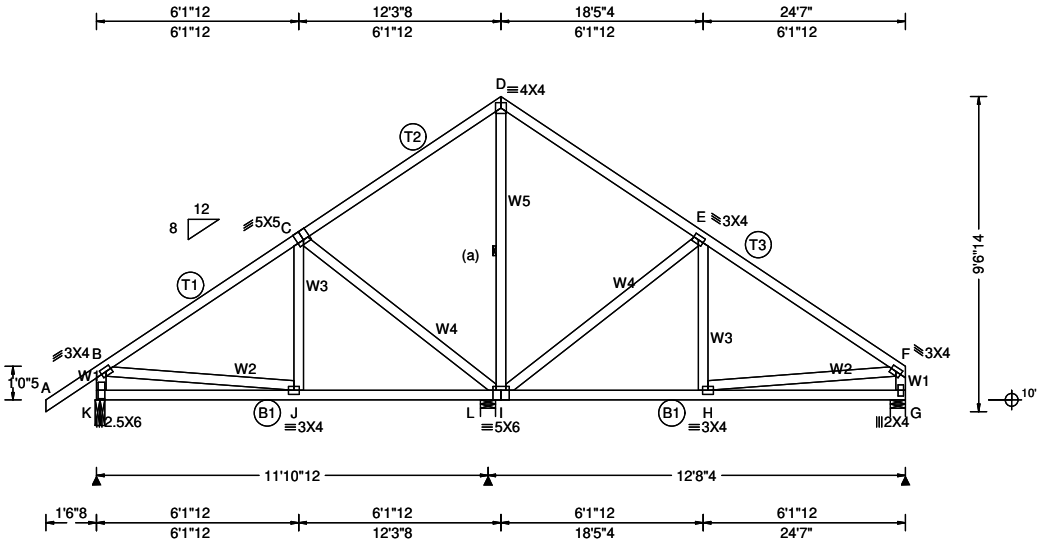
Stacked top chord must NOT be notched or cut in area (NNL). Dropped top chord braced at 24" oc intervals. Attach stacked top chord (SC) to dropped top chord in notchable area using 3x4 tie-plates 24" oc. Center plate on stacked/dropped chord interface, plate length perpendicular to chord length. Splice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

The overall height of this truss excluding overhang is 8-10-7.

Gables	Tens.	Comp.	Gables	Tens.	Comp.
E -AO	80	- 80	AV- L	90	- 230
F -AN	54	- 92	AH-AW	82	- 202
G -AM	47	- 37	AF- N	83	- 209
AP- I	54	- 3	AE- O	95	- 172
AK-AQ	50	- 66	AD- P	86	- 168
AR- J	66	- 117	AC- Q	87	- 163
AJ-AS	48	- 71	AB- S	88	- 158
AT- K	63	- 93	AA- T	76	- 130
AI-AU	39	- 41	Z - U	151	- 213

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

SEQN: 738805 SPEC FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** K2		Cust: R NA JRef:26-3717 T6 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.026	H	999	360
VERT(CL): 0.035	H	999	240
HORZ(LL): 0.010	F	-	-
HORZ(TL): 0.014	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.514
Max BC CSI: 0.500
Max Web CSI: 0.559

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	754	/-	/-	/383	/10	/247
L	753	/-	/-	/444	/5	/-
G	665	/-	/-	/400	/5	/-

Wind reactions based on MWFRS
K Brg Wid = 3.0 Min Req = 1.5 (Truss)
L Brg Wid = 5.5 Min Req = 1.5 (Truss)
G Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings K, L, & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	59	0	D - E	188	-375
B - C	151	-737	E - F	167	-801
C - D	185	-373			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	264	-250	I - H	586	-54
J - I	1057	-261	H - G	72	-34

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - K	229	-695	I - E	193	-483
B - J	474	0	E - H	252	0
J - C	197	0	H - F	522	-24
C - I	178	-423	F - G	158	-620
D - I	45	-76			

Lumber

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

Bracing

(a) Continuous lateral restraint equally spaced on member.

Wind

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

End verticals not exposed to wind pressure.

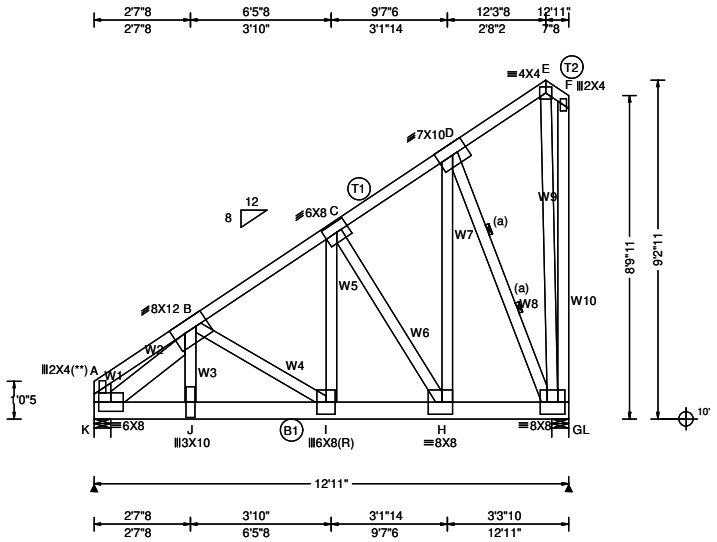
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-2-11.

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

SEQN: 738904 COMN FROM: RFG	Ply: 2 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** K3		Cust: R NA JRef:26-3717 T23 DrwNo: ... / ... 04/22/2026	



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: 15.12 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): -0.078	I	999	360
VERT(CL): 0.150	I	999	240
HORZ(LL): -0.035	B	-	-
HORZ(TL): 0.066	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.384
Max BC CSI: 0.583
Max Web CSI: 0.954

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
K	7577	/-	/-	/-	/322	/-
L	7269	/-	/-	/-	/144	/-

Wind reactions based on MWFRS
K Brg Wid = 5.5 Min Req = 3.1 (Truss)
L Brg Wid = 5.5 Min Req = 3.0 (Truss)
Bearings K & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	18	- 279	D - E	14	- 32
B - C	100	- 3644	E - F	6	- 5
C - D	48	- 1970			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
K - J	4011	- 171	I - H	2881	- 71
J - I	4087	- 175	H - G	1492	- 29

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - K	18	- 200	C - H	80	- 2477
K - B	219	- 5155	H - D	4227	- 44
B - J	2198	- 127	D - G	67	- 3580
B - I	120	- 1271	E - G	15	- 40
I - C	2943	- 53	F - G	4	- 10

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x6 SP 2400f-2.0E;
Webs: 2x4 SP #3; W1,W2 2x6 SP 2400f-2.0E; W5, W7 2x4 SP #2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Nailnote

Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 2 Rows @ 3.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

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

TC: From	64 plf at	0.00 to	64 plf at	12.92
BC: From	10 plf at	0.00 to	10 plf at	10.69
BC: From	20 plf at	10.69 to	20 plf at	12.92

BC: 748 lb Conc. Load at 1.73
BC: 2903 lb Conc. Load at 2.62
BC: 2554 lb Conc. Load at 4.69, 6.69, 8.69,10.69

Plating Notes

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

Wind

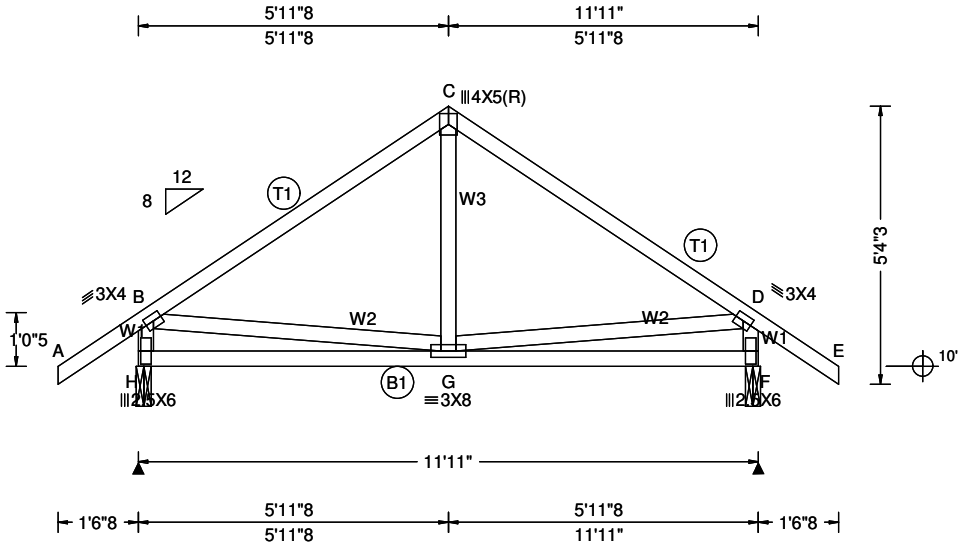
Wind loads and reactions based on MWFRS.
End verticals not exposed to wind pressure.
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 9-2-11.

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

SEQN: 738800 COMN FROM: RFG	Ply: 1 Qty: 4	**Job Number:** 26-3717 STECKBECK **Truss Label:** L1		Cust: R NA JRef:26-3717 T42 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.006	G	999	360
VERT(CL): 0.012	G	999	240
HORZ(LL): 0.001	D	-	-
HORZ(TL): 0.002	D	-	-

Creep Factor: 2.0
Max TC CSI: 0.395
Max BC CSI: 0.318
Max Web CSI: 0.133

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
H	607	/-	/-	/298	/8	/112
F	607	/-	/-	/298	/8	/-

Wind reactions based on MWFRS
H Brg Wid = 3.0 Min Req = 1.5 (Truss)
F Brg Wid = 3.0 Min Req = 1.5 (Truss)
Bearings H & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	59	0	C - D	182	-530
B - C	182	-530	D - E	59	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	168	-127	G - F	57	-26

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - H	299	-559	G - D	317	-4
B - G	317	-2	D - F	299	-559
C - G	228	0			

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.

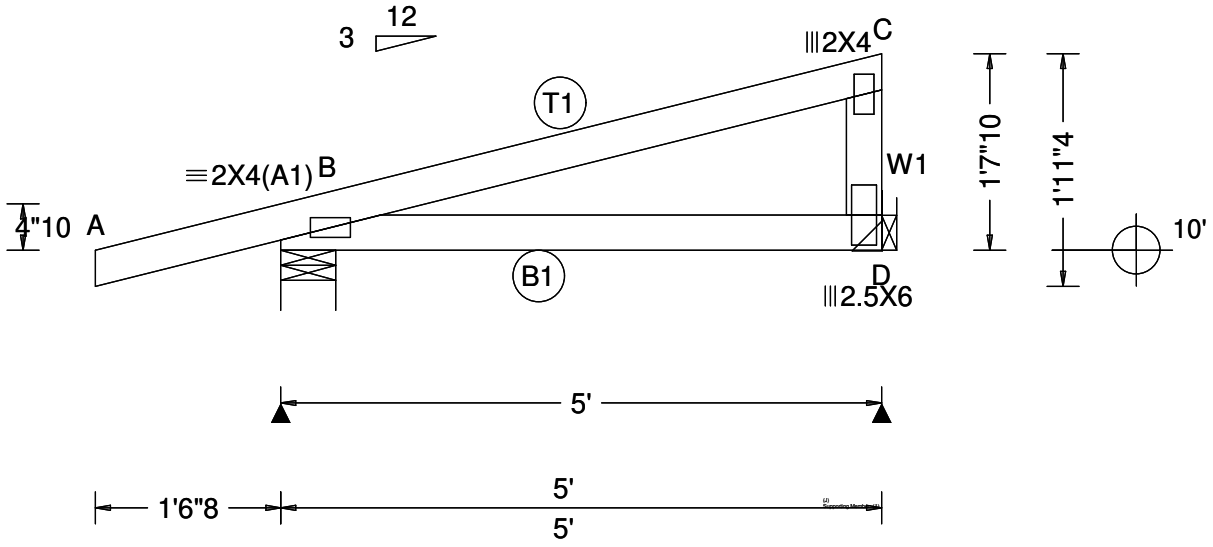
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 5-0-0.

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

SEQN: 738839 MONO FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** M1		Cust: R NA JRef:26-3717 T30 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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):	NA		
VERT(CL):	NA		
HORZ(LL):	0.004 B	-	-
HORZ(TL):	0.007 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.417
Max BC CSI: 0.204
Max Web CSI: 0.185

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	326	/-	/-	/134	/91	/57
D	177	/-	/-	/104	/38	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
D Brg Wid = - Min Req = -
Bearing B is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	24	0	B - C	7	-54

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	23	-35

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - D	265	-121

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

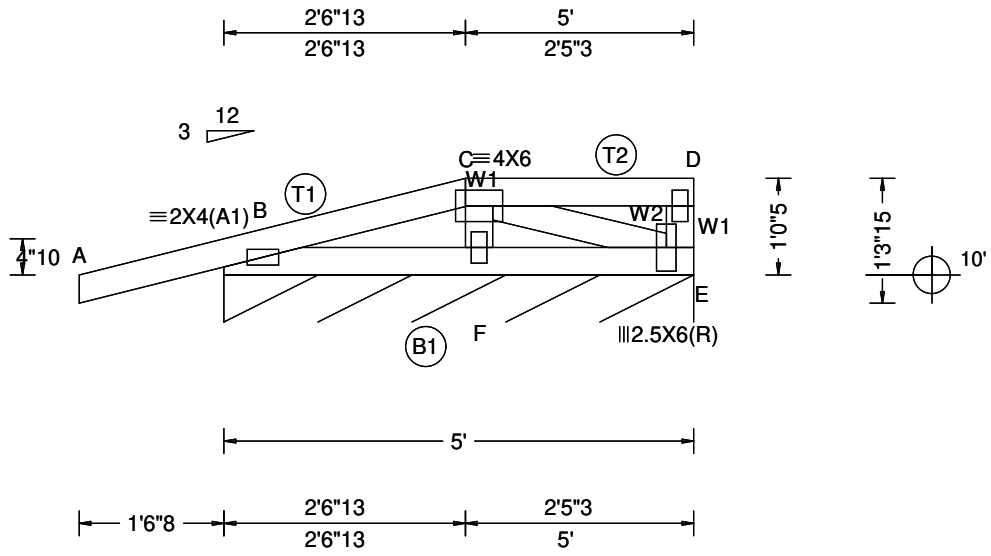
Hangers / Ties
(J) Hanger Support Required, by others

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

Additional Notes
The overall height of this truss excluding overhang is 1-7-10.

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

SEQN: 738841	GABL	Ply: 1	**Job Number:** 26-3717		Cust: R NA	JRef:26-3717	T33
FROM: RFG		Qty: 1	STECKBECK		DrwNo:		
			Truss Label: M1E		... / ...	04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	0.002 B	999	360
VERT(CL):	0.003 B	999	240
HORZ(LL):	0.001 B	-	-
HORZ(TL):	0.001 B	-	-

Creep Factor: 2.0
Max TC CSI: 0.333
Max BC CSI: 0.049
Max Web CSI: 0.088

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
E*	133	/-	/-	/56	/113	/22

Wind reactions based on MWFRS
E Brg Wid = 60.0 Min Req = -
Bearing B is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	35	0	C - D	13	- 8
B - C	96	- 36			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	114	0	F - E	160	- 32

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - F	296	- 191	D - E	201	- 117
C - E	60	- 21			

Lumber

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

Plating Notes

All plates are 2X4 except as noted.

Loading

Truss designed to support 1-4-0 top chord outlookers and cladding load not to exceed 5.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Wind

Wind loads based on MWFRS.

Right end vertical not exposed to wind pressure.

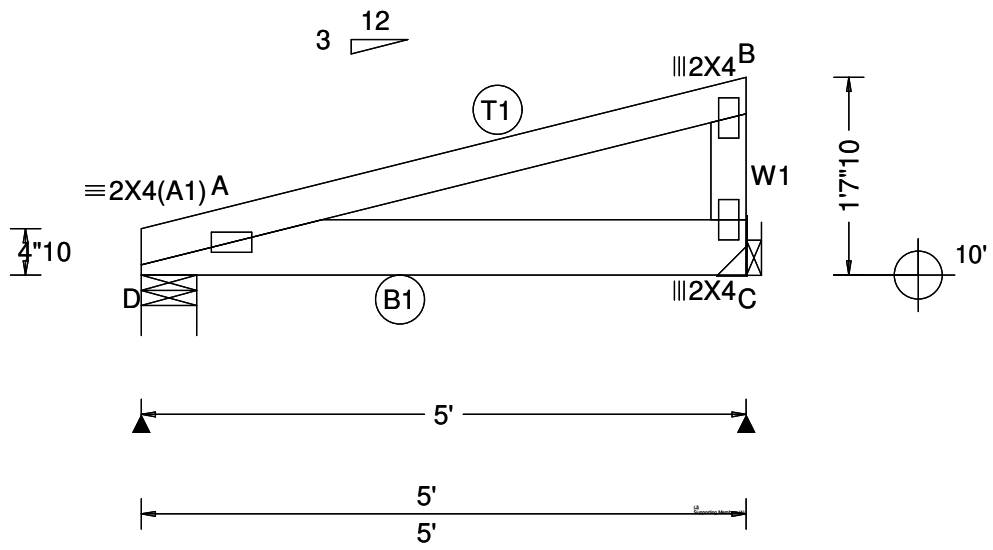
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 1-0-5.

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

SEQN: 738843 MONO FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** M2		Cust: R NA JRef:26-3717 T31 DrwNo: ... / ... 04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.60

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: Varies by Ld Case
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL):	NA		
VERT(CL):	NA		
HORZ(LL):	0.017	A	- -
HORZ(TL):	0.018	A	- -

Creep Factor: 2.0
Max TC CSI: 0.428
Max BC CSI: 0.417
Max Web CSI: 0.092

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
D	574	/-	/-	/-	/92	/-
C	827	/-	/-	/-	/132	/-

Wind reactions based on MWFRS
D Brg Wid = 5.5 Min Req = 1.5 (Truss)
C Brg Wid = - Min Req = -
Bearing D is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	18	-57

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - C	39	-7

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - C	44	-134

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

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

TC: From	61 plf at	0.00 to	61 plf at	5.00
BC: From	20 plf at	0.00 to	20 plf at	2.23
BC: From	10 plf at	2.23 to	10 plf at	5.00
BC:	512 lb Conc. Load at	2.23, 4.23		

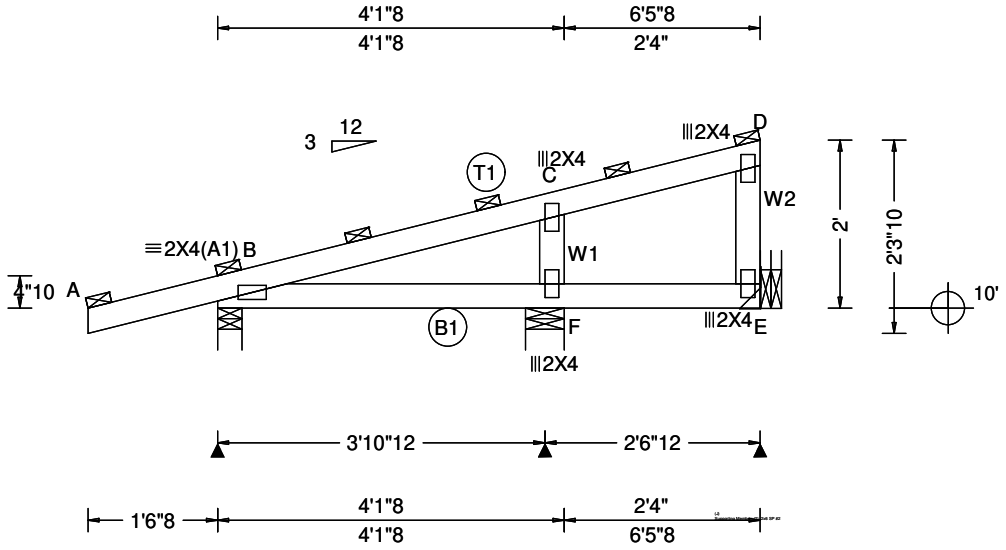
Hangers / Ties
(J) Hanger Support Required, by others

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

Additional Notes
The overall height of this truss excluding overhang is 1-7-10.

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

SEQN: 738960 MONO FROM: RFG	Ply: 1 Qty: 2	**Job Number:** 26-3717 STECKBECK **Truss Label:** M3		Cust: R NA JRef:26-3717 T45 DrwNo: ... / ... 04/22/2026	



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: 36.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 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: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.006	B	999	360
VERT(CL): 0.007	B	999	240
HORZ(LL): -0.002	B	-	-
HORZ(TL): 0.003	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.387
Max BC CSI: 0.171
Max Web CSI: 0.126

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	408	/-	/-	/152	/126	/102
F	423	/-	/-	/261	/89	/-
E	128	/-	/-	/48	/23	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.5 (Truss)
F Brg Wid = 5.5 Min Req = 1.5 (Truss)
E Brg Wid = - Min Req = -
Bearings B & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	36	0	C - D	21	-41
B - C	29	-141			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	12	-17	F - E	3	-3

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - F	422	-306	D - E	142	-99

Lumber

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

Hangers / Ties

Simpson Construction Hardware is specified based on the most current information provided by Simpson Strong-Tie. Please refer to the most recent Simpson Strong-Tie catalog for additional information.

Recommended hanger connections are based on manufacturer tested capacities and calculations. Conditions may exist that require different connections than indicated. Refer to manufacturer publication for additional information.

Hanger specified assumes connection to supporting chord is located a minimum of five times the depth of the supporting chord from any unsupported end, unless unsupported chord end has 85% plating coverage.

(J) Hanger Support Required, by others
Bearing E (6'2"8, 10') HUS26
Supporting Member: (2)2x6 SP #2
(14) 0.148"x3" nails into supporting member,
(4) 0.148"x3" nails into supported member.

Purlins

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

Wind

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

Right end vertical not exposed to wind pressure.

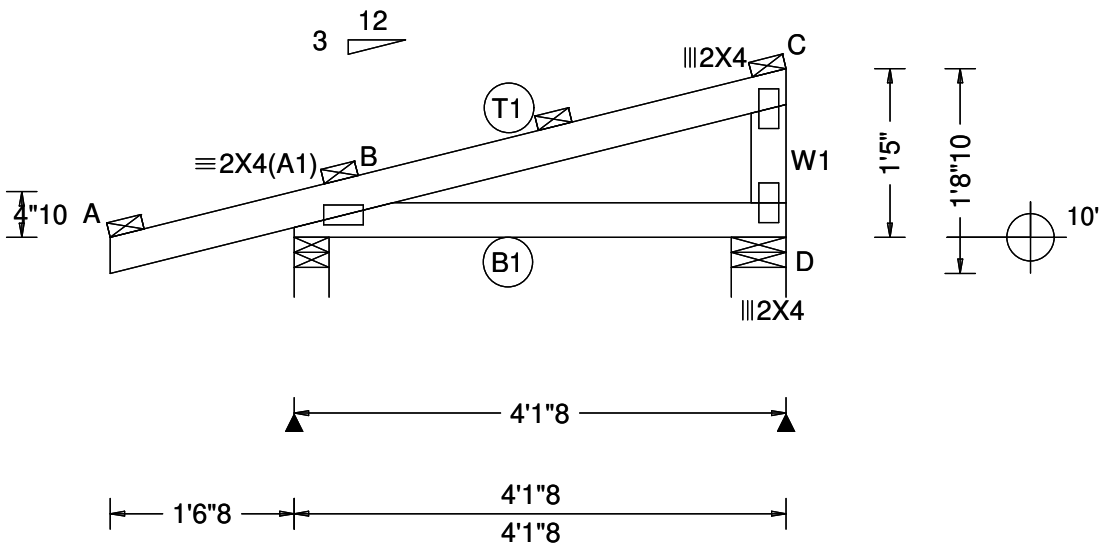
Wind loading based on both gable and hip roof types.

Additional Notes

The overall height of this truss excluding overhang is 2-0-0.

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

SEQN: 738958 MONO FROM: RFG	Ply: 1 Qty: 2	**Job Number:** 26-3717 STECKBECK **Truss Label:** M3A		Cust: R NA JRef:26-3717 T49 DrwNo: ... / ... 04/22/2026	



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: 36.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.00 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: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): 0.004 B - -
HORZ(TL): 0.005 B - -
Creep Factor: 2.0
Max TC CSI: 0.392
Max BC CSI: 0.219
Max Web CSI: 0.096

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	443	/-	/-	/176	/134	/75
D	206	/-	/-	/130	/43	/-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.5 (Truss)
D Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B & D are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	36	0	B - C	15	-59

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	20	-15

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - D	180	-142

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

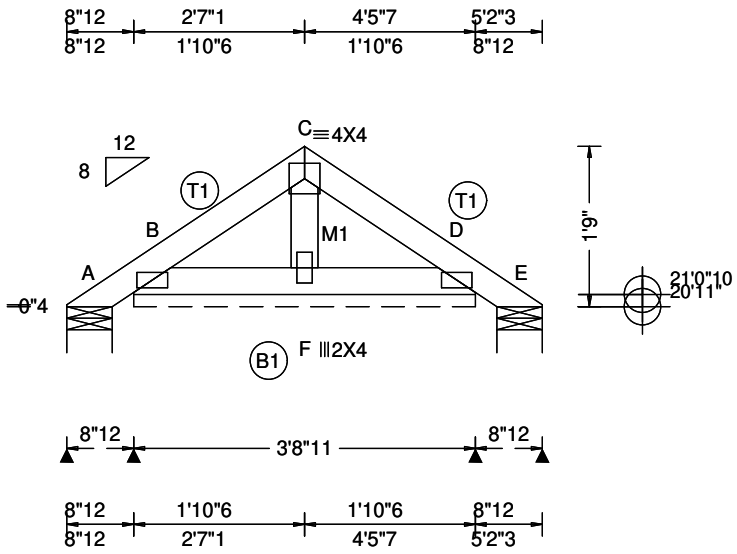
Purlins
In lieu of structural panels use purlins to brace TC @ 24" oc.

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

Additional Notes
The overall height of this truss excluding overhang is 1-5-0.

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

SEQN: 738948 ATIC FROM: RFG	Ply: 1 Qty: 14	**Job Number:** 26-3717 STECKBECK **Truss Label:** P1		Cust: R NA JRef:26-3717 T10 DrwNo: ... / ... 04/22/2026	



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: 16.0 "

Wind Criteria
Wind Std: ASCE 7-22
Speed: 130 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 16.33 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: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	B	999	360
VERT(CL): 0.000	B	999	240
HORZ(LL): 0.000	B	-	-
HORZ(TL): 0.000	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.021
Max BC CSI: 0.016
Max Web CSI: 0.007

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	7	/-	/-	/3	/-	/-
B*	67	/-	/-	/15	/-	/-
E	7	/-	/-	/3	/-	/-

Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 44.7 Min Req = -
E Brg Wid = 5.9 Min Req = 1.5 (Truss)
Bearings A, B, & E are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	11	-4	C - D	0	-41
B - C	0	-41	D - E	11	-4

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	18	0	F - D	18	0

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.
C - F	3	-36

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

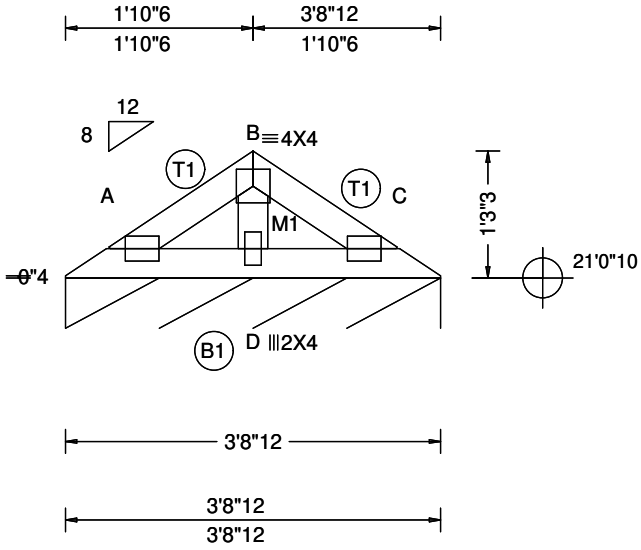
Plating Notes
All plates are 2X4(A1) except as noted.

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

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

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

SEQN: 738907 GABL FROM: RFG	Ply: 1 Qty: 2	**Job Number:** 26-3717 STECKBECK **Truss Label:** P1E		Cust: R NA JRef:26-3717 T1 DrwNo: ... / ... 04/22/2026	



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: 16.33 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

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):	0.001 C	999	360
VERT(CL):	0.001 C	999	240
HORZ(LL):	-0.000 C	-	-
HORZ(TL):	0.001 C	-	-

Creep Factor: 2.0
Max TC CSI: 0.028
Max BC CSI: 0.020
Max Web CSI: 0.019

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A*	60	/-	/-	/35	/-	/-

Wind reactions based on MWFRS
A Brg Wid = 44.8 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	48	0	B - C	48	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - D	0	- 23	D - C	0	- 23

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.
B - D	0	- 105

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

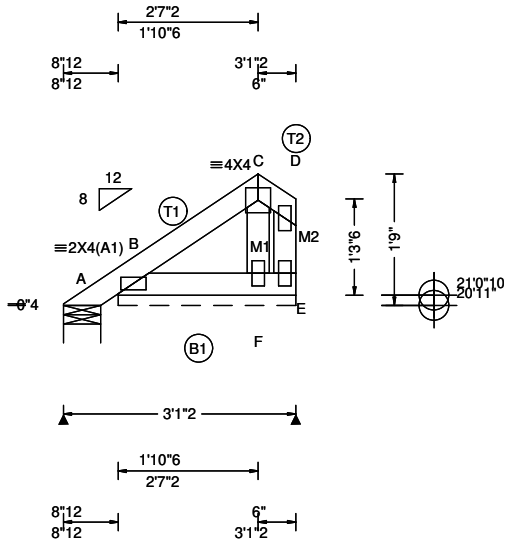
Plating Notes
All plates are 3X4(D1) except as noted.

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

Additional Notes
The overall height of this truss excluding overhang is 1-4-13.

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

SEQN: 738945 COMN FROM: RFG	Ply: 1 Qty: 7	**Job Number:** 26-3717 STECKBECK **Truss Label:** P2		Cust: R NA JRef:26-3717 T11 DrwNo: ... / ... 04/22/2026	



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: 16.33 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: No
FT/RT:20(0)/10(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#
VERT(LL): 0.000	B	999	360
VERT(CL): 0.000	B	999	240
HORZ(LL): 0.000	B	-	-
HORZ(TL): 0.000	B	-	-

Creep Factor: 2.0
Max TC CSI: 0.032
Max BC CSI: 0.027
Max Web CSI: 0.011

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	5	/-	/-	/27	/15	/46
B*	80	/-	/-	/92	/30	/-

Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 28.4 Min Req = -
Bearings A & B are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	42	-68	C - D	9	-10
B - C	24	-30			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	1	0	F - E	1	0

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
C - F	33	-60	D - E	9	-17

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

Plating Notes
All plates are 2X4 except as noted.

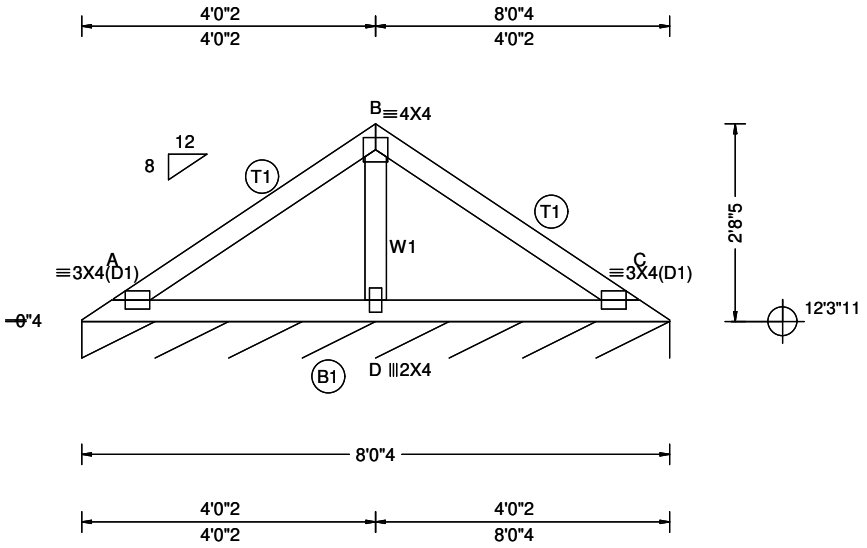
Loading
Gable end supports 8" max rake overhang. Top chord must not be cut or notched.

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

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

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

SEQN: 738897 VAL FROM: RFG	Ply: 1 Qty: 1	**Job Number:** 26-3717 STECKBECK **Truss Label:** V1	Cust: R NA JRef:26-3717 T3 DrwNo: ... / ... 04/22/2026



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.006	A	999	360
VERT(CL): 0.013	A	999	240
HORZ(LL): -0.003	C	-	-
HORZ(TL): 0.007	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.207
Max BC CSI: 0.177
Max Web CSI: 0.085

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	84	/-	/-	/43	/-	/8

Wind reactions based on MWFRS
C Brg Wid = 96.3 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	223	- 125	B - C	223	- 126

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - D	188	- 140	D - C	188	- 140

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	286	- 384

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.

Wind loading based on both gable and hip roof types.

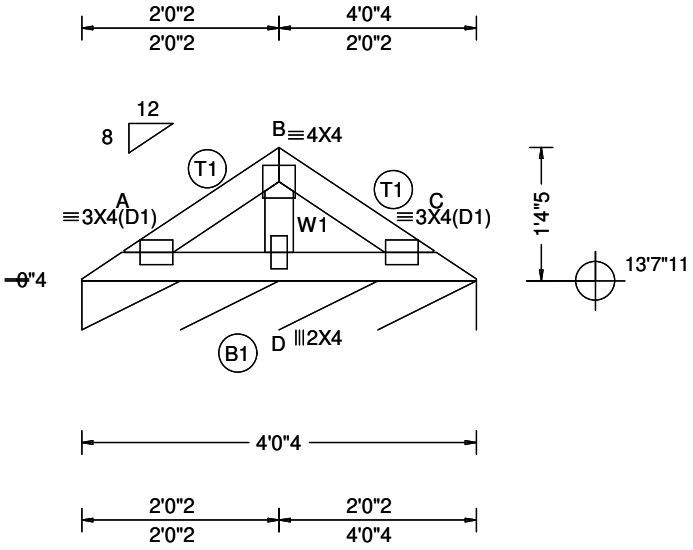
Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 2-8-5.

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

SEQN: 738899	VAL	Ply: 1	**Job Number:** 26-3717		Cust: R NA	JRef:26-3717	T13
FROM: RFG		Qty: 1	STECKBECK		DrwNo:		
			Truss Label: V2		... / ...	04/22/2026	



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: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 3.00 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.60

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): 0.001	C	999	360
VERT(CL): 0.001	A	999	240
HORZ(LL): -0.000	C	-	-
HORZ(TL): 0.001	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.039
Max BC CSI: 0.031
Max Web CSI: 0.031

VIEW Ver: 24.02.00D.0114.10

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	83	/-	/-	/40	/-	/7

Wind reactions based on MWFRS
C Brg Wid = 48.3 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	63	- 18	B - C	63	- 22

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - D	62	- 32	D - C	62	- 32

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	106	- 131

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.

Wind loading based on both gable and hip roof types.

Additional Notes

See DWGS VALTN220723 and VAL180220723 for valley details.

The overall height of this truss excluding overhang is 1-4-5.

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