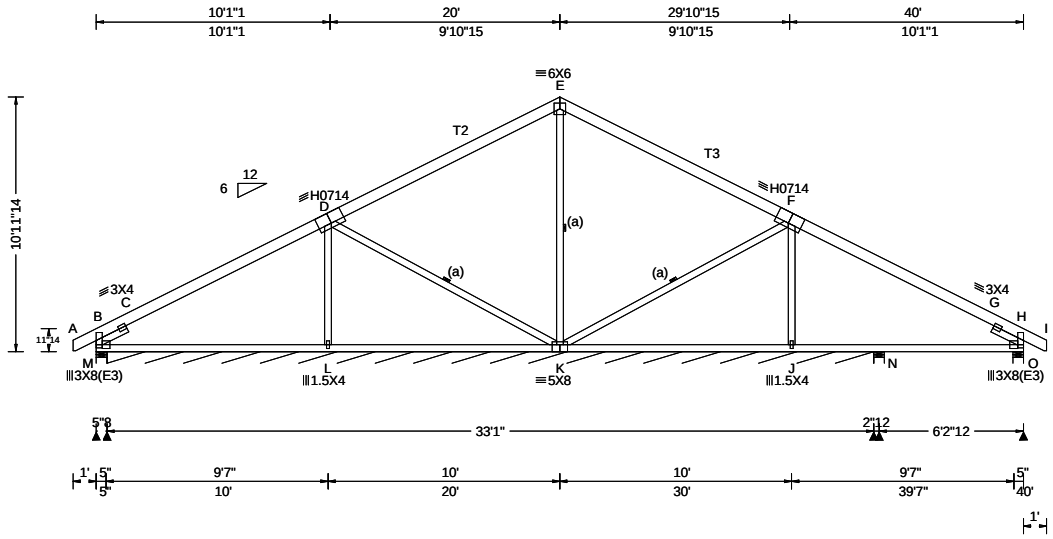
SEQN: 18901 COMN FROM:	Ply: 1 Qty: 2	**Job Number:** 18145 Dayville Project **Truss Label:** T1AA	Cust: R 6964 JRef:1XHS69640001 T12 DrwNo: 216.22.0803.25953 JCJ / RTT 08/04/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 30.00	Wind Std: ASCE 7-16	Pg: 30.0 Ct: - CAT: -	PP Deflection in loc L/defl L/#
TCDL: 15.00	Speed: 110 mph	Pf: 30.0 Ce: -	VERT(LL): 0.068 C 999 240
BCLL: 0.00	Enclosure: Closed	Lu: - Cs: -	VERT(CL): 0.128 C 937 240
BCDL: 10.00	Risk Category: II	Snow Duration: -	HORZ(LL): 0.045 C - -
Des Ld: 55.00	EXP: C Kzt: NA		HORZ(TL): 0.085 C - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 3.0 psf	IRC 2018	Max TC CSI: 0.957
Load Duration: 1.15	BCDL: 0.6 psf	TPI Std: 2014	Max BC CSI: 0.676
Spacing: 24.0 "	MWFRS Parallel Dist: > 2h	Rep Fac: Yes	Max Web CSI: 0.438
	C&C Dist a: 4.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 22.01.01B.0530.21
	GCpi: 0.18	WAVE, HS	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	812	/-	/-	/391	/65	/212
M*	92	/-	/-	/46	/5	/-
N	166	/-	/-	/93	/2	/-
O	770	/-	/-	/406	/84	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
M Brg Wid = 397 Min Req = -
N Brg Wid = 5.5 Min Req = 1.5 (Truss)
O Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, M, N, & O are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	24	- 3	E - F	196	- 479
B - C	187	- 979	F - G	189	- 643
C - D	184	- 665	G - H	260	- 857
D - E	197	- 480	H - I	24	- 3

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - L	484	- 136	K - J	465	- 69
L - K	489	- 137	J - H	919	- 136

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - D	179	- 902	K - F	173	- 311
D - K	172	- 338	F - J	177	- 916
E - K	26	- 524			

Lumber

Top chord: 2x6 DF-L #2; T2,T3 2x6 DF-L #1&Bet.;
Bot chord: 2x4 DF-L #2;
Webs: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'
Rt Slider: 2x4 DF-L #2; block length = 1.500'

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 4X4(E3) except as noted.

Loading

Bottom chord checked for 10.00 psf non-concurrent live load.

Truss designed for unbalanced snow loads.

Wind

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

Wind loading based on both gable and hip roof types.

08/04/2022

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

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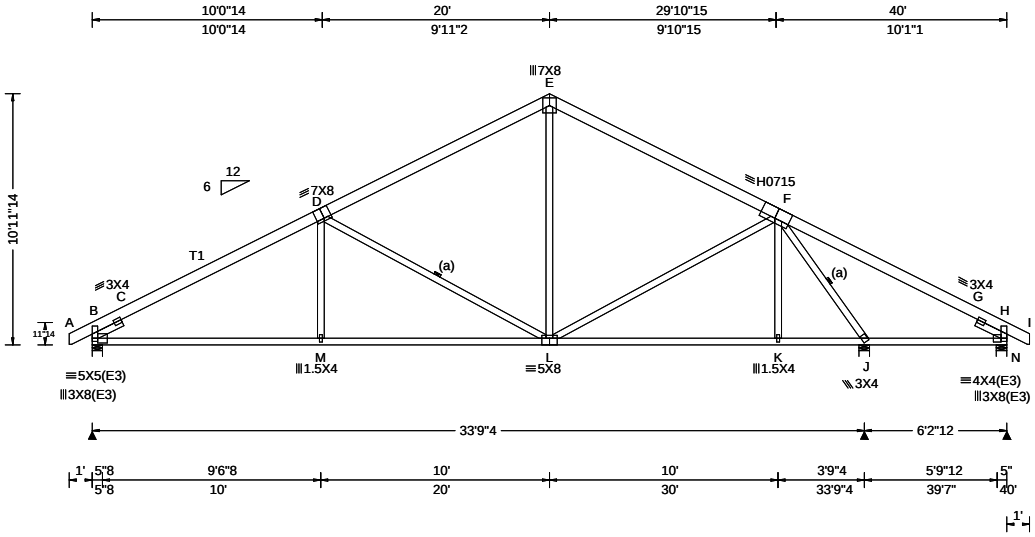
For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbcacomponents.com; ICC: iccsafe.org; AWC: awc.org

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

SEQN: 19031 COMN FROM:	Ply: 1 Qty: 8	**Job Number:** 18145 Dayville Project **Truss Label:** T1	Cust: R 6964 JRef:1XHS69640001 T8 DrwNo: 216.22.0804.00920 JCJ / RTT 08/04/2022



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 30.00	Wind Std: ASCE 7-16	Pg: 30.0 Ct: - CAT: -	PP Deflection in loc L/defl L/#
TCDL: 15.00	Speed: 110 mph	Pf: 30.0 Ce: -	VERT(LL): 0.097 M 999 240
BCLL: 0.00	Enclosure: Closed	Lu: - Cs: -	VERT(CL): 0.182 M 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: -	HORZ(LL): 0.052 J - -
Des Ld: 55.00	EXP: C Kzt: NA		HORZ(TL): 0.098 J - -
NCBCLL: 10.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 3.0 psf	IRC 2018	Max TC CSI: 0.872
Load Duration: 1.15	BCDL: 0.6 psf	TPI Std: 2014	Max BC CSI: 0.895
Spacing: 24.0 "	MWFRS Parallel Dist: h to 2h	Rep Fac: Yes	Max Web CSI: 0.671
	C&C Dist a: 4.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	VIEW Ver: 22.01.01B.0530.21
	GCpi: 0.18	WAVE, HS	
	Wind Duration: 1.60		

Lumber

Top chord: 2x6 DF-L #2; T1 2x6 DF-L #1&Bet.;
Bot chord: 2x4 DF-L #2;
Webs: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'
Rt Slider: 2x4 DF-L #2; block length = 1.500'

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

Bottom chord checked for 10.00 psf non-concurrent live load.

Truss designed for unbalanced snow loads.

Wind

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

Wind loading based on both gable and hip roof types.

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	2021	/-	/-	/1041	/149	/212
J	2226	/-	/-	/1118	/131	/-
N	499	/-	/-	/281	/97	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 2.2 (Truss)
J Brg Wid = 5.5 Min Req = 2.0 (Truss)
N Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, J, & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	24	- 3	E - F	448	- 1970
B - C	542	- 3303	F - G	356	- 123
C - D	557	- 3073	G - H	368	- 348
D - E	447	- 1962	H - I	24	- 3

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - M	2588	- 414	K - J	1341	- 220
M - L	2585	- 414	J - H	43	- 196
L - K	1344	- 219			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
M - D	397	0	L - F	548	- 147
D - L	285	- 1280	K - F	294	0
E - L	661	- 165	F - J	390	- 2497

REGISTERED PROFESSIONAL ENGINEER
83294PE
OREGON
JULY 14, 2009
Russell Tangren
Renewal 6/30/2024

08/04/2022

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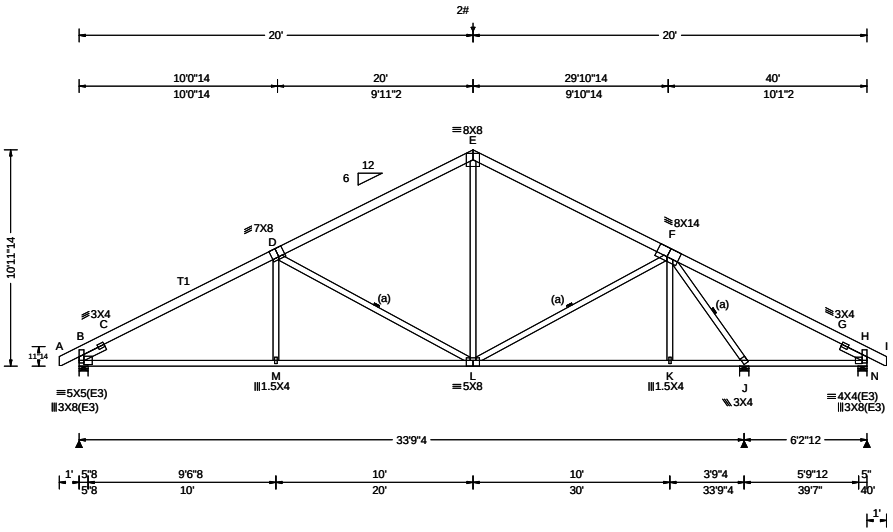
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 19081 COMN FROM:	Ply: 1 Qty: 2	**Job Number:** 18145 Dayville Project **Truss Label:** T1A	Cust: R 6964 JRef:1XHS69640001 T17 DrwNo: 216.22.0804.23717 JCJ / RTT 08/04/2022



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.00 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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):	0.097 M	999	240
VERT(CL):	0.177 M	999	240
HORZ(LL):	0.052 J	-	-
HORZ(TL):	0.098 J	-	-

Creep Factor: 2.0
Max TC CSI: 0.894
Max BC CSI: 0.908
Max Web CSI: 0.614

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	2022	/-	/-	/-	/320	/-
J	2271	/-	/-	/-	/314	/-
N	625	/-	/-	/-	/104	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 2.2 (Truss)
J Brg Wid = 5.5 Min Req = 2.0 (Truss)
N Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, J, & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	24	- 5	E - F	321	- 1971
B - C	506	- 3304	F - G	543	- 353
C - D	489	- 3074	G - H	423	- 580
D - E	320	- 1964	H - I	24	- 5

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - M	2589	- 403	K - J	1342	- 231
M - L	2587	- 403	J - H	201	- 309
L - K	1344	- 231			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
M - D	397	0	L - F	439	- 32
D - L	183	- 1171	K - F	294	0
E - L	660	- 54	F - J	376	- 2575

Lumber

Top chord: 2x6 DF-L #2; T1 2x6 DF-L #1&Bet.;
Bot chord: 2x4 DF-L #2;
Webs: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'
Rt Slider: 2x4 DF-L #2; block length = 1.500'

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

------(Lumber Dur.Fac.=1.15 / Plate Dur.Fac.=1.15)

TC: From	94 plf at	-1.00 to	94 plf at	41.00
BC: From	4 plf at	-1.00 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	40.00
BC: From	4 plf at	40.00 to	4 plf at	41.00
TC:	2 lb Conc. Load at 20.00			

Loading

Bottom chord checked for 10.00 psf non-concurrent live load.

Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Renewal 6/30/2024

08/04/2022

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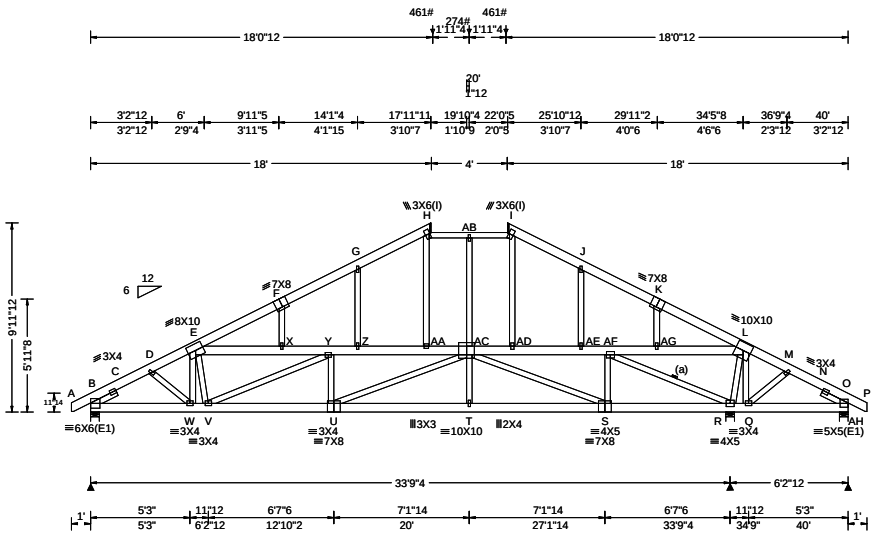
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 19078 SPEC FROM:	Ply: 1 Qty: 2	**Job Number:** 18145 Dayville Project **Truss Label:** T1B		Cust: R 6964 JRef:1XHS69640001 T10 DrwNo: 216.22.0806.02767 JCJ / RTT 08/04/2022



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.00 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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	T	999	240
VERT(CL): 0.154	X	999	240
HORZ(LL): 0.026	F	-	-
HORZ(TL): 0.065	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.606
Max BC CSI: 0.352
Max Web CSI: 0.755

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
B	1537	/-	/-	/-	/183	/-
R	2838	/-	/-	/-	/375	/-
AH	249	/-117	/-	/-	/31	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.6 (Truss)
R Brg Wid = 5.5 Min Req = 2.7 (Truss)
AH Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, R, & AH are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	25	- 5	I - J	220	- 1692
B - C	262	- 2324	J - K	219	- 1690
C - D	248	- 2264	K - L	230	- 1743
D - E	220	- 2170	L - M	670	- 78
E - F	202	- 1623	M - N	520	- 46
F - G	199	- 1595	N - O	556	- 40
G - H	200	- 1600	O - P	25	- 5

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	1934	- 211	T - S	1838	- 207
W - V	1912	- 187	S - R	1053	- 161
V - U	1948	- 147	R - Q	52	- 521
U - T	1838	- 207	Q - O	27	- 412

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - W	134	- 113	AB- I	181	- 1445
W - E	62	- 64	AC- T	300	0
E - V	278	0	AC-AD	337	- 150
E - X	3	- 932	AC- S	50	- 808
V - Y	156	- 200	I -AD	370	- 15
F - X	46	- 68	AD-AE	339	- 149
X - Y	3	- 936	AE- J	89	- 412
Y - U	109	- 63	AE-AF	348	- 139
Y - Z	0	- 1110	S -AF	510	0
U -AC	860	0	AF-AG	2355	- 289
G - Z	0	- 166	AF- R	298	- 2178
Z -AA	0	- 1113	AG- K	75	- 337
AA- H	437	- 48	AG- L	2372	- 293
AA-AC	0	- 1116	R - L	235	- 1647
H -AB	181	- 1444	L - Q	128	- 19

Lumber

Top chord: 2x6 DF-L #2;
Bot chord: 2x6 DF-L #2;
Webs: 2x4 DF-L #2;
Filler 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'
Rt Slider: 2x4 DF-L #2; block length = 1.500'

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

------(Lumber Dur.Fac.=1.15 / Plate Dur.Fac.=1.15)

TC: From	94 plf at	-1.00 to	94 plf at	5.57
TC: From	2 plf at	5.57 to	2 plf at	22.00
TC: From	94 plf at	22.03 to	94 plf at	41.00
BC: From	4 plf at	-1.00 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	40.00
BC: From	4 plf at	40.00 to	4 plf at	41.00

TC: 461 lb Conc. Load at 18.06,21.94
TC: 274 lb Conc. Load at 20.00

Plating Notes

All plates are 1.5X4 except as noted.

(I) - plates so marked were sized using 0% Fabrication Tolerance, 0 degrees Rotational Tolerance, and/or zero Positioning Tolerance.

Loading

Bottom chord checked for 10.00 psf non-concurrent live load.

Purlins

Laterally brace TC (E-L) below filler at 24" oc.

Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Renewal 6/30/2024
08/04/2022

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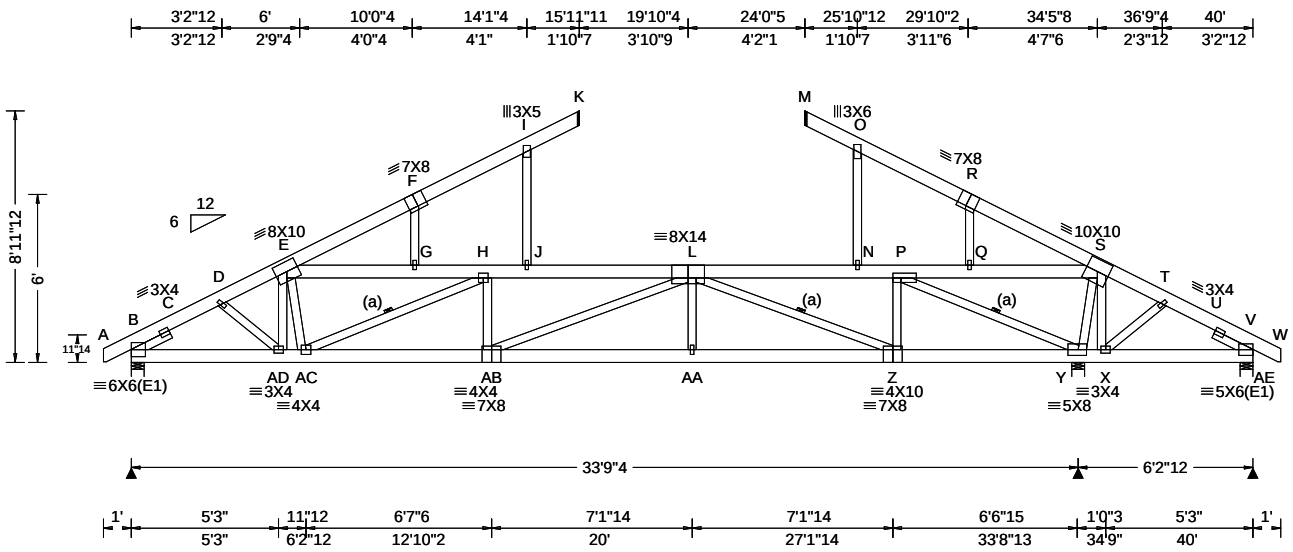
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 5372 SPEC FROM:	Ply: 1 Qty: 2	**Job Number:** 18145 Dayville Project **Truss Label:** T1C		Cust: R 6964 JRef:1XHS69640001 T15 DrwNo: 216.22.0808.37807 JCJ / RTT 08/04/2022



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 psf
MWFRS Parallel Dist: h to 2h
C&C Dist a: 4.00 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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): 0.220	J	999	240
VERT(CL): 0.414	J	979	240
HORZ(LL): 0.107	I	-	-
HORZ(TL): 0.201	I	-	-

Creep Factor: 2.0
Max TC CSI: 0.795
Max BC CSI: 0.580
Max Web CSI: 0.931

VIEW Ver: 22.01.01A.0520.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	1892	/-	/-	/938	/165	/173
Y	4341	/-	/-	/2152	/466	/-
AE	-	/-1173	/-	/208	/673	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 2.0 (Truss)
Y Brg Wid = 5.5 Min Req = 4.3 (Truss)
AE Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, Y, & AE are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	36	- 3	L - N	407	- 884
B - C	553	- 2797	M - O	0	- 119
C - D	552	- 2710	N - P	406	- 874
D - E	559	- 2605	O - R	124	- 116
E - F	67	- 209	P - Q	3076	- 791
E - G	737	- 2451	Q - S	3094	- 797
F - I	133	- 107	R - S	80	- 195
G - H	741	- 2462	S - T	2935	- 927
H - J	1255	- 3831	T - U	2723	- 891
I - K	0	- 119	U - V	2639	- 894
J - L	1259	- 3843	V - W	25	- 3

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B -AD	2307	- 447	AA- Z	3310	- 939
AD-AC	2344	- 451	Z - Y	792	- 136
AC-AB	3852	- 1031	Y - X	894	- 2569
AB-AA	3310	- 939	X - V	799	- 2277

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D -AD	140	- 8	L - Z	865	- 2767
AD- E	27	- 125	N - O	139	- 563
E -AC	815	- 255	Z - P	1175	- 316
AC- H	576	- 1600	P - Y	1284	- 4142
F - G	94	- 279	Q - R	115	- 478
H -AB	124	- 187	Y - S	549	- 2238
AB- L	799	- 181	S - X	196	- 65
I - J	150	- 596	X - T	137	- 399
L -AA	293	0			

Lumber
Top chord: 2x6 DF-L #2;
Bot chord: 2x6 DF-L #2;
Webs: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'
Rt Slider: 2x4 DF-L #2; block length = 1.495'

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

Plating Notes
All plates are 1.5X4 except as noted.

Loading
Bottom chord checked for 10.00 psf non-concurrent live load.
Truss designed for unbalanced snow loads.

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

Additional Notes
Negative reaction(s) of -1173# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Renewal 6/30/2024
08/04/2022

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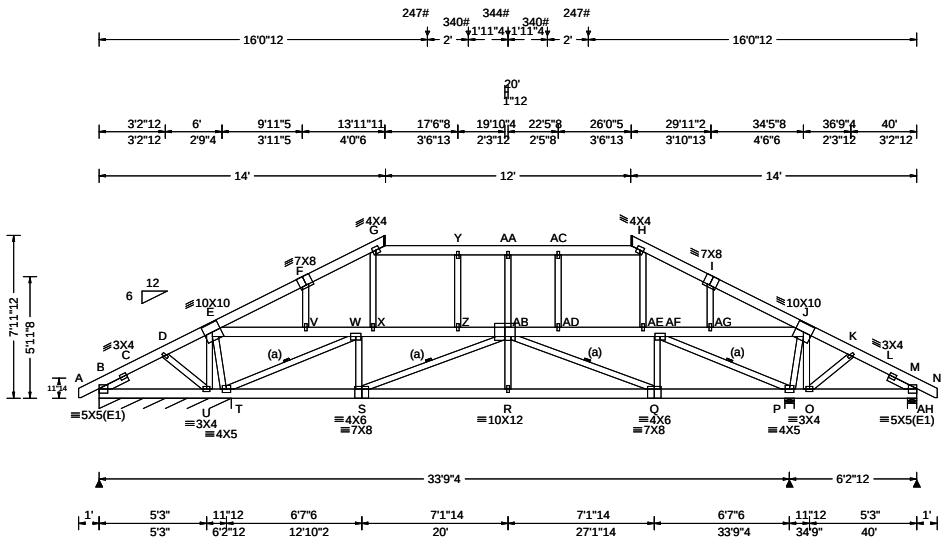
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 5374 SPEC FROM: Page 1 of 2	Ply: 1 Qty: 2	**Job Number:** 18145 Dayville Project **Truss Label:** T1D		Cust: R 6964 JRef:1XHS69640001 T9 DrwNo: 216.22.0810.32850 JCJ / RTT 08/04/2022



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.00 ft
Loc. from endwall: not in 13.00 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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): 0.088	Z	999	240
VERT(CL): 0.172	Z	999	240
HORZ(LL): 0.020	F	-	-
HORZ(TL): 0.040	F	-	-

Creep Factor: 2.0
Max TC CSI: 0.452
Max BC CSI: 0.430
Max Web CSI: 0.412

VIEW Ver: 22.01.01A.0520.12

▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B*	399	/-	/-	/-	/59	/-
P	2478	/-	/-	/-	/350	/-
AH	336	/-	/-	/-	/28	/-

Wind reactions based on MWFRS
B Brg Wid = 77.5 Min Req = -
P Brg Wid = 5.5 Min Req = 2.3 (Truss)
AH Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, P, & AH are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	25	- 5	H - I	198	- 1410
B - C	546	- 64	I - J	215	- 1491
C - D	606	- 80	J - K	577	- 83
D - E	757	- 111	K - L	433	- 94
E - F	215	- 1491	L - M	392	- 153
F - G	198	- 1410	M - N	25	- 5

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - U	56	- 460	R - Q	2300	- 303
U - T	76	- 565	Q - P	767	- 103
T - S	771	- 104	P - O	56	- 434
S - R	2300	- 303	O - M	72	- 312

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - U	37	- 195	AA-AC	166	- 1207
U - E	98	- 550	AB- R	283	0
E - T	159	- 998	AB-AD	368	- 56
E - V	2027	- 283	AB- Q	211	- 1585
T - W	241	- 1744	AC-AD	54	- 338
F - V	60	- 269	AC- H	167	- 1215
V - W	2012	- 280	AD-AE	368	- 56
W - S	758	- 62	H -AE	285	- 17
W - X	366	- 56	AE-AF	371	- 57
S -AB	210	- 1580	Q -AF	752	- 61
X - G	285	- 17	AF-AG	2006	- 279
X - Z	363	- 56	AF- P	240	- 1732
G - Y	167	- 1215	AG- I	60	- 269
Y - Z	54	- 337	AG- J	2021	- 282
Y -AA	166	- 1207	P - J	240	- 1518
Z -AB	363	- 56	J - O	128	- 24

Lumber

Top chord: 2x6 DF-L #2;
Bot chord: 2x6 DF-L #2;
Webs: 2x4 DF-L #2;
Filler 2x6 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'
Rt Slider: 2x4 DF-L #2; block length = 1.500'

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

------(Lumber Dur.Fac.=1.15 / Plate Dur.Fac.=1.15)

TC: From	94 plf at	-1.00 to	94 plf at	13.97
TC: From	2 plf at	14.00 to	2 plf at	26.00
TC: From	94 plf at	26.03 to	94 plf at	41.00
BC: From	4 plf at	-1.00 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	40.00
BC: From	4 plf at	40.00 to	4 plf at	41.00

TC: 247 lb Conc. Load at 16.06,23.94
TC: 340 lb Conc. Load at 18.06,21.94
TC: 344 lb Conc. Load at 20.00

Plating Notes

All plates are 1.5X4 except as noted.

Loading

Bottom chord checked for 10.00 psf non-concurrent live load.

Purlins

Laterally brace TC below filler at 24" oc.

Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

Trusses or components connecting to this girder have been modified by the truss designer. The loading for this girder requires verification for accuracy.

Renewal 6/30/2024
08/04/2022

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Glenview, IL 60025

SEQN: 5374 SPEC FROM: Page 2 of 2	Ply: 1 Qty: 2	**Job Number:** 18145 Dayville Project **Truss Label:** T1D	Cust: R 6964 JRef:1XHS69640001 T9 DrwNo: 216.22.0810.32850 JCJ / RTT 08/04/2022

AA-AB 122 - 717 O - K 34 - 205

Renewal 6/30/2024

08/04/2022

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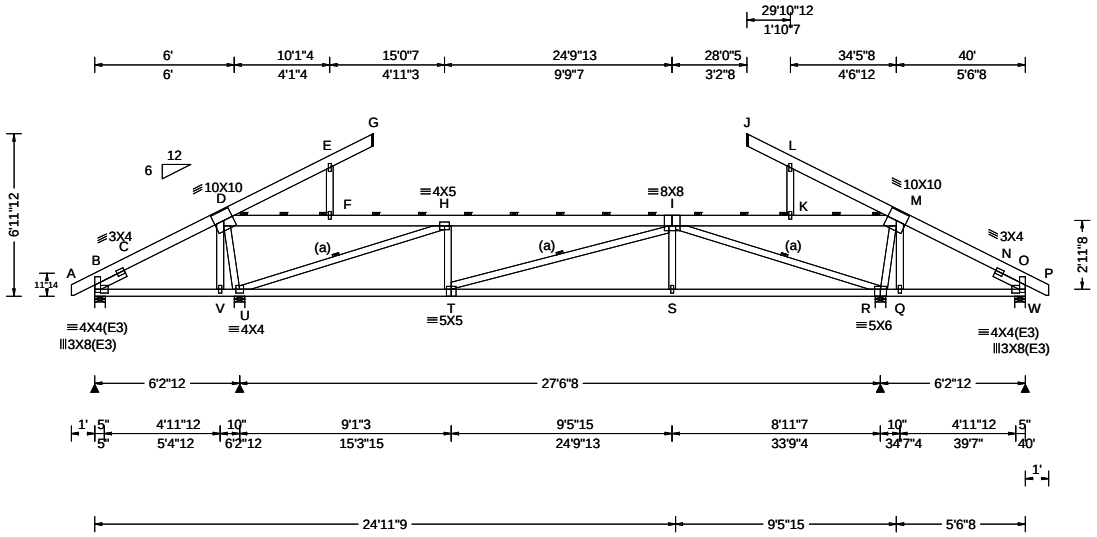
Glenview, IL 60025

SEQN: 5377 CHIP FROM:	Ply: 1 Qty: 2	**Job Number:** 18145 Dayville Project **Truss Label:** T1E		Cust: R 6964 JRef:1XHS69640001 T14 DrwNo: 216.22.0812.53810 JCJ / RTT 08/04/2022



Loading Criteria (psf)		Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria				
TCLL:	30.00	Wind Std: ASCE 7-16	Pg: 30.0 Ct: -	CAT: -	PP Deflection in	loc	L/defl	L/#
TCDL:	15.00	Speed: 110 mph	Pf: 30.0	Ce: -	VERT(LL):	0.172 K	999	240
BCLL:	0.00	Enclosure: Closed	Lu: -	Cs: -	VERT(CL):	0.365 K	905	240
BCDL:	10.00	Risk Category: II	Snow Duration: -		HORZ(LL):	-0.086 L	-	-
Des Ld:	55.00	EXP: C Kzt: NA			HORZ(TL):	0.183 L	-	-
NCBCLL:	10.00	Mean Height: 15.00 ft	Building Code:		Creep Factor: 2.0			
Soffit:	2.00	TCDL: 3.0 psf	IRC 2018		Max TC CSI:	0.792		
Load Duration:	1.15	BCDL: 0.6 psf	TPI Std: 2014		Max BC CSI:	0.630		
Spacing:	24.0 "	MWFRS Parallel Dist: h/2 to h	Rep Fac: Yes		Max Web CSI:	0.771		
		C&C Dist a: 4.00 ft	FT/RT:20(0)/10(0)					
		Loc. from endwall: not in 13.00 ft	Plate Type(s):					
		GCpi: 0.18	WAVE		VIEW Ver: 22.01.01A.0520.12			
		Wind Duration: 1.60						

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	165	/-308	/-	/139	/260	/134
U	1961	/-	/-	/1527	/538	/-
R	2030	/-	/-	/1515	/537	/-
W	99	/-324	/-	/138	/288	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
U Brg Wid = 5.5 Min Req = 1.7 (Truss)
R Brg Wid = 5.5 Min Req = 2.2
W Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, U, R, & W are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	35	-3	I - K	1010	-397
B - C	954	-552	J - L	0	-119
C - D	984	-517	K - M	1015	-404
D - E	57	-219	L - M	56	-219
D - F	980	-407	M - N	1012	-512
E - G	0	-106	N - O	987	-540
F - H	975	-397	O - P	28	-3
H - I	523	-960			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - V	472	-796	S - R	945	-342
V - U	472	-792	R - Q	469	-817
U - T	925	-347	Q - O	469	-820
T - S	945	-342			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
V - D	1	-23	I - S	374	0
D - U	485	-1387	I - R	970	-2069
U - H	967	-2015	K - L	105	-448
E - F	107	-419	R - M	485	-1456
H - T	370	-8	M - Q	1	-12
T - I	140	-132			

Lumber

Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Webs: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'
Rt Slider: 2x4 DF-L #2; block length = 1.500'

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 1.5X4 except as noted.

Loading

Bottom chord checked for 10.00 psf non-concurrent live load.

Truss designed for unbalanced snow loads.

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Negative reaction(s) of -324# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Renewal 6/30/2024

08/04/2022

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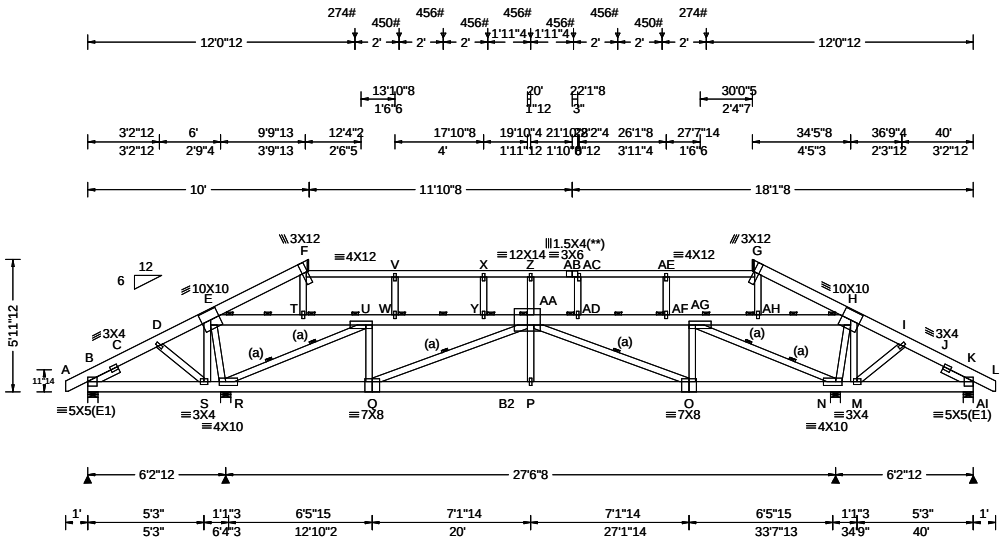
SEQN: 5379 CHIP FROM: Page 1 of 2	Ply: 1 Qty: 2	**Job Number:** 18145 Dayville Project **Truss Label:** T1F		Cust: R 6964 JRef:1XHS69640001 T4 DrwNo: 216.22.0816.08503 JCJ / RTT 08/04/2022



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 4.00 ft
Loc. from endwall: not in 6.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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): 0.255	AD	999	240
VERT(CL): 0.505	AD	654	240
HORZ(LL): 0.051	N	-	-
HORZ(TL): 0.100	N	-	-

Creep Factor: 2.0
Max TC CSI: 0.915
Max BC CSI: 0.745
Max Web CSI: 0.824

VIEW Ver: 22.01.01A.0520.12

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	324	/-	/-	/132	/-	/-
R	3314	/-	/-	/-	/638	/-
N	3314	/-	/-	/-	/638	/-
AI	324	/-	/-	/132	/-	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
R Brg Wid = 5.5 Min Req = 3.2 (Truss)
N Brg Wid = 5.5 Min Req = 3.2 (Truss)
AI Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, R, N, & AI are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	25	- 5	G - H	68	- 824
B - C	544	- 321	H - I	774	- 382
C - D	593	- 340	I - J	593	- 340
D - E	774	- 382	J - K	544	- 321
E - F	68	- 824	K - L	25	- 5

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - S	279	- 447	P - O	5887	- 606
S - R	330	- 653	O - N	3224	- 238
R - Q	3224	- 238	N - M	330	- 653
Q - P	5887	- 606	M - K	279	- 447

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - S	71	- 286	AA- P	289	0
S - E	152	- 14	AA-AD	208	- 2683
E - R	305	- 1036	AA- O	386	- 2766
E - T	1552	- 444	AB-AC	42	- 654
R - U	710	- 4569	AC-AD	84	- 540
T - F	50	- 42	AC-AE	42	- 654
T - U	1554	- 444	AD-AF	208	- 2683
F - V	45	- 668	AE-AF	169	- 892
U - Q	1187	- 123	AE- G	45	- 668
U - W	208	- 2683	AF-AG	208	- 2683
Q -AA	386	- 2766	O -AG	1187	- 123
V - W	169	- 892	AG-AH	1554	- 444
V - X	42	- 654	AG- N	710	- 4569
W - Y	208	- 2683	G -AH	50	- 42
X - Y	84	- 539	AH- H	1552	- 444

Lumber

Top chord: 2x6 DF-L #2;
Bot chord: 2x6 DF-L #2; B2 2x6 DF-L #1&Bet.;
Webs: 2x4 DF-L #2;
Filler 2x4 DF-L #1&Bet.;
Lt Slider: 2x4 DF-L #2; block length = 1.500'
Rt Slider: 2x4 DF-L #2; block length = 1.500'

Bracing

(a) Continuous lateral restraint equally spaced on member.

Special Loads

------(Lumber Dur.Fac.=1.15 / Plate Dur.Fac.=1.15)

TC: From	94 plf at	-1.00 to	94 plf at	9.97
TC: From	2 plf at	10.00 to	2 plf at	30.03
TC: From	94 plf at	30.03 to	94 plf at	41.00
BC: From	4 plf at	-1.00 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	40.00
BC: From	4 plf at	40.00 to	4 plf at	41.00

TC: 274 lb Conc. Load at 12.06,27.94
TC: 450 lb Conc. Load at 14.06,25.94
TC: 456 lb Conc. Load at 16.06,18.06,20.00,21.94 23.94

Plating Notes

All plates are 1.5X4 except as noted.

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

Loading

Bottom chord checked for 10.00 psf non-concurrent live load.

Purlins

Laterally brace TC below filler at 24" oc.

Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

Trusses or components connecting to this girder have been modified by the truss designer. The loading for this girder requires verification for accuracy.

08/04/2022

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X - Z	42	-654	N - H	305	-1036
Y -AA	208	-2683	H - M	155	-14
Z -AA	129	-786	M - I	71	-286
Z -AB	42	-654			

Renewal 6/30/2024

08/04/2022

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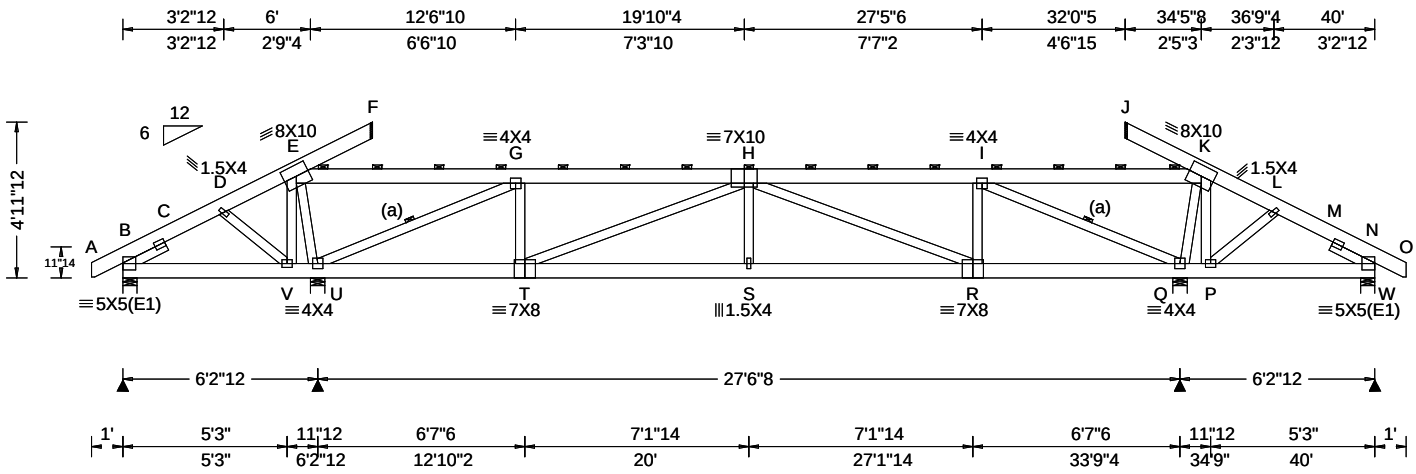
North Building, 4th Floor
Glenview, IL 60025

SEQN: 5381 CHIP FROM:	Ply: 1 Qty: 2	**Job Number:** 18145 Dayville Project **Truss Label:** T1G		Cust: R 6964 JRef:1XHS69640001 T2 DrwNo: 216.22.0816.44590 JCJ / RTT 08/04/2022



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 psf
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 4.00 ft
Loc. from endwall: not in 6.50 ft
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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): 0.030	S	999	240
VERT(CL): 0.115	S	999	240
HORZ(LL): 0.005	Q	-	-
HORZ(TL): 0.018	Q	-	-

Creep Factor: 2.0
Max TC CSI: 0.394
Max BC CSI: 0.260
Max Web CSI: 0.642

VIEW Ver: 22.01.01A.0520.12

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
B	390	/-303	/-	/115	/213	/95
U	1812	/-	/-	/1401	/493	/-
Q	1812	/-	/-	/1382	/493	/-
W	421	/-303	/-	/116	/233	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
U Brg Wid = 5.5 Min Req = 1.6 (Truss)
Q Brg Wid = 5.5 Min Req = 1.6 (Truss)
W Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, U, Q, & W are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	36	-3	H - I	342	-580
B - C	868	-347	I - K	1036	-351
C - D	898	-341	J - K	0	-153
D - E	969	-358	K - L	969	-360
E - F	0	-153	L - M	898	-345
E - G	1036	-352	M - N	868	-347
G - H	343	-580	N - O	36	-3

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - V	346	-751	S - R	1215	-388
V - U	391	-845	R - Q	529	-205
U - T	529	-204	Q - P	391	-845
T - S	1215	-388	P - N	340	-751

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - V	74	-183	H - R	254	-689
V - E	137	-19	R - I	528	-81
E - U	388	-924	I - Q	754	-1734
U - G	755	-1734	Q - K	386	-850
G - T	528	-81	K - P	137	-19
T - H	254	-689	P - L	74	-189
H - S	294	0			

Lumber

Top chord: 2x6 DF-L #2;
Bot chord: 2x6 DF-L #2;
Webs: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'
Rt Slider: 2x4 DF-L #2; block length = 1.500'

Bracing

(a) Continuous lateral restraint equally spaced on member.

Plating Notes

All plates are 3X4 except as noted.

Loading

Bottom chord checked for 10.00 psf non-concurrent live load.

Truss designed for unbalanced snow loads.

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Negative reaction(s) of -303# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.

Renewal 6/30/2024
08/04/2022

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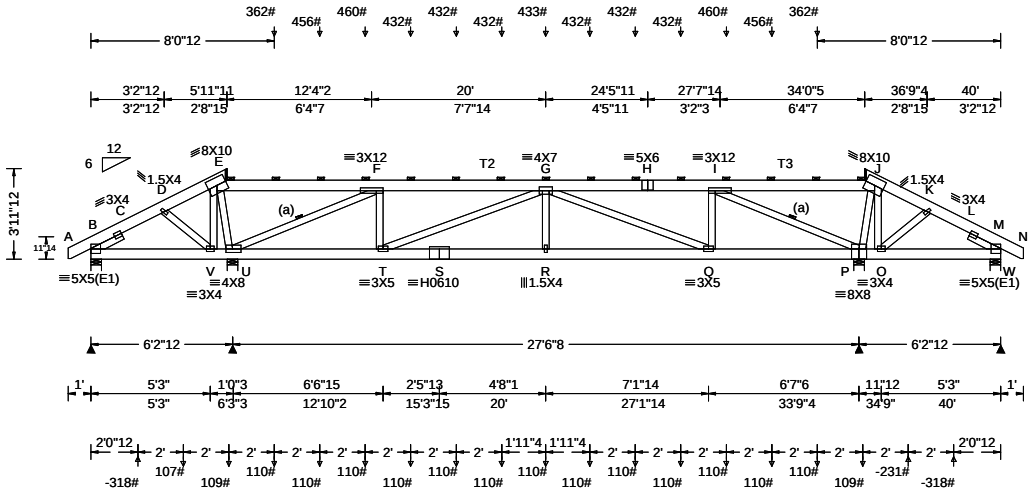
Glenview, IL 60025

SEQN: 5383 CHIP FROM: Page 1 of 2	Ply: 2 Qty: 2	**Job Number:** 18145 Dayville Project **Truss Label:** T1H		Cust: R 6964 JRef:1XHS69640001 T13 DrwNo: 216.22.0817.32540 JCJ / RTT 08/04/2022

2 Complete Trusses Required



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria** (Pg,Pf in PSF)	**Defl/CSI Criteria**
TCLL: 30.00	Wind Std: ASCE 7-16	Pg: 30.0 Ct: - CAT: -	PP Deflection in loc L/defl L/#
TCDL: 15.00	Speed: 110 mph	Pf: 30.0 Ce: -	VERT(LL): 0.178 R 999 240
BCLL: 0.00	Enclosure: Closed	Lu: - Cs: -	VERT(CL): 0.313 R 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: -	HORZ(LL): 0.043 P - -
Des Ld: 55.00	EXP: C Kzt: NA		HORZ(TL): 0.075 P - -
NCBCLL: 0.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 3.0 psf	IRC 2018	Max TC CSI: 0.409
Load Duration: 1.15	BCDL: 0.6 psf	TPI Std: 2014	Max BC CSI: 0.472
Spacing: 24.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.733
	C&C Dist a: 4.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 6.50 ft	Plate Type(s):	VIEW Ver: 22.01.01A.0520.12
	GCpi: 0.18	WAVE, HS	
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	336	/-	/-	/263	/-	/-
U	4335	/-	/-	/-	/1029	/-
P	3943	/-	/-	/-	/1187	/-
W	336	/-	/-	/182	/-	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
U Brg Wid = 5.5 Min Req = 1.9 (Truss)
P Brg Wid = 5.5 Min Req = 2.1
W Brg Wid = 5.5 Min Req = 1.5 (Truss)
Bearings B, U, P, & W are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
E - F	214	-332	H - I	208	-3219
A - B	13	-3	I - J	110	-330
B - C	241	-290	J - K	186	-273
C - D	155	-293	K - L	113	-250
D - E	231	-316	L - M	284	-301
F - G	209	-3154	M - N	13	-3
G - H	208	-3219			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - V	245	-109	R - Q	4427	-379
V - U	277	-163	Q - P	3151	-203
U - T	3084	-204	P - O	245	-112
T - S	4427	-379	O - M	211	-75
S - R	4427	-379			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - V	45	-126	G - Q	186	-1311
V - E	79	-169	Q - I	710	-53
E - U	227	-196	I - P	589	-3608
U - F	593	-3649	P - J	351	-186
F - T	731	-55	J - O	80	-363
T - G	184	-1381	O - K	42	-126
G - R	242	0			

Lumber

Top chord: 2x6 DF-L #2; T2,T3 2x6 DF-L #1&Bet.;
Bot chord: 2x6 DF-L SS;
Webs: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'
Rt Slider: 2x4 DF-L #2; block length = 1.500'

Bracing

(a) Continuous lateral restraint equally spaced on member.

Nailnote

Nail Schedule:0.131"x3", min. nails
Top Chord: 1 Row @ 7.00" 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.

Wind

Wind loads and reactions based on MWFRS.

Wind loading based on both gable and hip roof types.

Additional Notes

Trusses or components connecting to this girder have been modified by the truss designer. The loading for this girder requires verification for accuracy.

Renewal 6/30/2024

08/04/2022

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Special Loads

------(Lumber Dur.Fac.=1.15 / Plate Dur.Fac.=1.15)

TC: From	94 plf at	-1.00 to	94 plf at	5.97
TC: From	2 plf at	5.97 to	2 plf at	34.00
TC: From	94 plf at	34.03 to	94 plf at	41.00
BC: From	4 plf at	-1.00 to	4 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	2.06
BC: From	10 plf at	2.06 to	10 plf at	37.94
BC: From	20 plf at	37.94 to	20 plf at	40.00
BC: From	4 plf at	40.00 to	4 plf at	41.00

TC: 362 lb Conc. Load at 8.06,31.94
TC: 456 lb Conc. Load at 10.06,29.94
TC: 460 lb Conc. Load at 12.06,27.94
TC: 432 lb Conc. Load at 14.06,16.06,18.06,20.00 21.94,23.94,25.94
BC: -318 lb Conc. Load at 2.06,37.94
BC: 107 lb Conc. Load at 4.06
BC: 109 lb Conc. Load at 6.06, 8.06,10.06,12.06 14.06,16.06,18.06,20.00,21.94,23.94,25.94,27.94 29.94,31.94,33.94
BC: -231 lb Conc. Load at 35.94

Renewal 6/30/2024

08/04/2022

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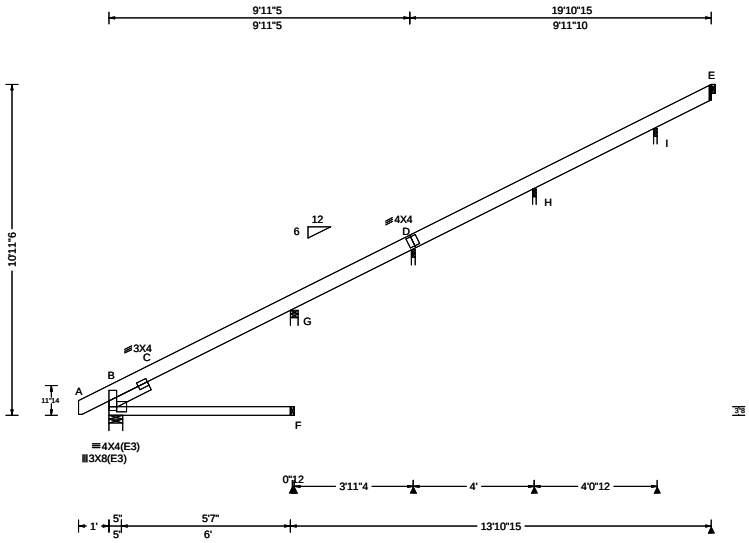
Glenview, IL 60025

SEQN: 19063 CAJA FROM:	Ply: 1 Qty: 2	**Job Number:** 18145 Dayville Project **Truss Label:** HJ1	Cust: R 6964 JRef:1XHS69640001 T31 DrwNo: 216.22.0818.14693 JCJ / RTT 08/04/2022



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 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: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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): 0.036	C	999	240
VERT(CL): 0.059	C	999	240
HORZ(LL): 0.025	C	-	-
HORZ(TL): 0.042	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.406
Max BC CSI: 0.300
Max Web CSI: 0.089

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	452	/-	/-	/204	/-	/190
F	110	/-	/-	/58	/-	/-
G	433	/-	/-	/214	/88	/-
D	456	/-	/-	/218	/75	/-
H	344	/-	/-	/161	/60	/-
I	274	/-	/-	/132	/48	/-
E	86	/-	/-	/42	/15	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
F Brg Wid = 1.5 Min Req = -
G Brg Wid = 3.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = 1.5 (Truss)
H Brg Wid = 1.5 Min Req = 1.5 (Truss)
I Brg Wid = 1.5 Min Req = 1.5 (Truss)
E Brg Wid = 1.5 Min Req = -
Bearings B, G, D, H, & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	25	-3	D - H	73	-140
B - C	159	-475	D - E	122	-122
C - D	239	-536			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - F	3	-3

Lumber
Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'

Loading
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Additional Notes
Shim all supports to solid bearing.

REGISTERED PROFESSIONAL ENGINEER
83294PE
OREGON
JULY 14, 2009
Russell Tangren
Renewal 6/30/2024
08/04/2022

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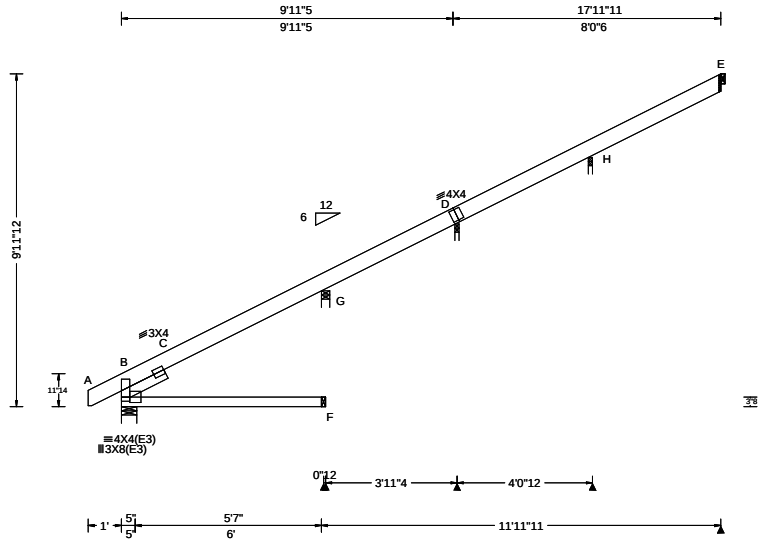
Glenview, IL 60025

SEQN: 19060 CAJA FROM:	Ply: 1 Qty: 4	**Job Number:** 18145 Dayville Project **Truss Label:** HJ2	Cust: R 6964 JRef:1XHS69640001 T19 DrwNo: 216.22.0818.21710 JCJ / RTT 08/04/2022



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 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: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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): 0.036	C	999	240
VERT(CL): 0.059	C	999	240
HORZ(LL): 0.025	C	-	-
HORZ(TL): 0.042	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.406
Max BC CSI: 0.300
Max Web CSI: 0.089

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	452	/-	/-	/209	/-	/172
F	110	/-	/-	/58	/-	/-
G	432	/-	/-	/213	/86	/-
D	456	/-	/-	/219	/77	/-
H	340	/-	/-	/159	/59	/-
E	183	/-	/-	/89	/32	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
F Brg Wid = 1.5 Min Req = -
G Brg Wid = 3.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = 1.5 (Truss)
H Brg Wid = 1.5 Min Req = 1.5 (Truss)
E Brg Wid = 1.5 Min Req = -
Bearings B, G, D, & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	25	-3	C - D	229	-486
B - C	159	-453	D - E	155	-191

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - F	3	-3

Lumber
Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'

Loading
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Additional Notes
Shim all supports to solid bearing.

REGISTERED PROFESSIONAL ENGINEER
83294PE
OREGON
JULY 14, 2009
Russell Tangren
Renewal 6/30/2024
08/04/2022

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

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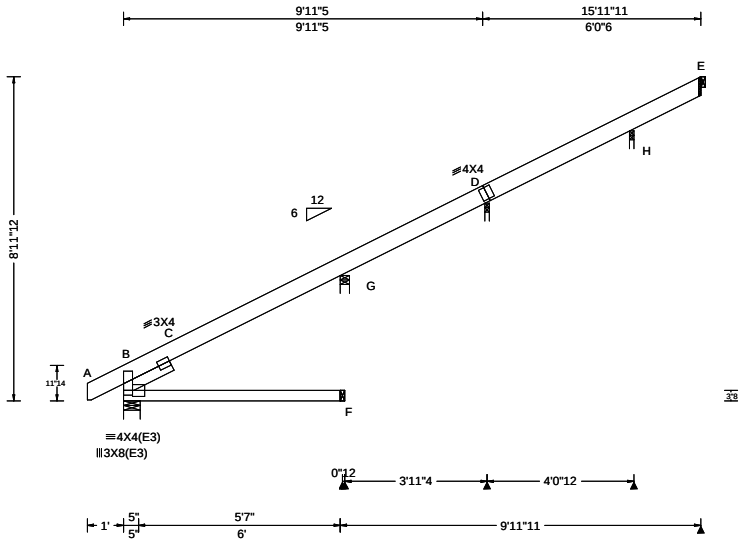
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 19057 CAJA FROM:	Ply: 1 Qty: 4	**Job Number:** 18145 Dayville Project **Truss Label:** HJ3	Cust: R 6964 JRef:1XHS69640001 T20 DrwNo: 216.22.0818.32357 JCJ / RTT 08/04/2022



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 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: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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): 0.035	C	999	240
VERT(CL): 0.059	C	999	240
HORZ(LL): 0.025	C	-	-
HORZ(TL): 0.042	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.406
Max BC CSI: 0.300
Max Web CSI: 0.089

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	452	/-	/-	/215	/-	/154
F	110	/-	/-	/58	/-	/-
G	432	/-	/-	/212	/84	/-
D	456	/-	/-	/219	/78	/-
H	247	/-	/-	/114	/42	/-
E	89	/-	/-	/43	/16	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
F Brg Wid = 1.5 Min Req = -
G Brg Wid = 3.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = 1.5 (Truss)
H Brg Wid = 1.5 Min Req = 1.5 (Truss)
E Brg Wid = 1.5 Min Req = -
Bearings B, G, D, & H are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	25	-3	C - D	229	-430
B - C	159	-429	D - E	113	-145

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - F	3	-3

Lumber
Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'

Loading
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Additional Notes
Shim all supports to solid bearing.

Renewal 6/30/2024
08/04/2022

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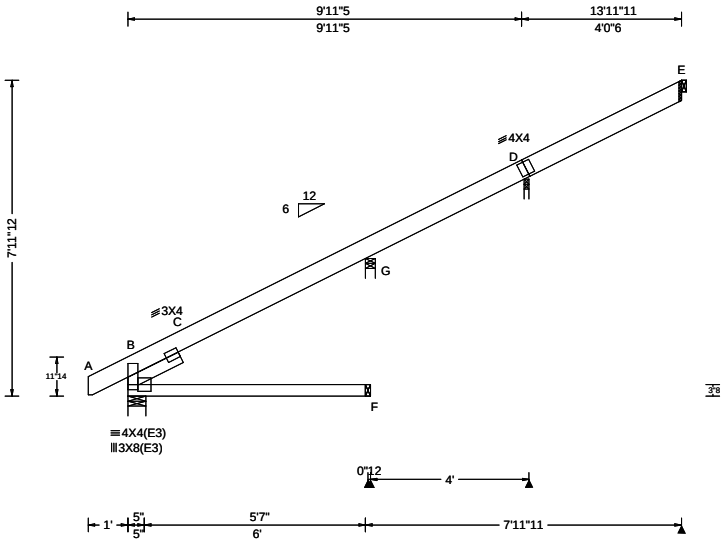
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 19054 CAJA FROM:	Ply: 1 Qty: 4	**Job Number:** 18145 Dayville Project **Truss Label:** HJ4	Cust: R 6964 JRef:1XHS69640001 T21 DrwNo: 216.22.0818.39943 JCJ / RTT 08/04/2022



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 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: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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): 0.035	C	999	240
VERT(CL): 0.059	C	999	240
HORZ(LL): 0.025	C	-	-
HORZ(TL): 0.042	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.406
Max BC CSI: 0.300
Max Web CSI: 0.089

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	452	/-	/-	/220	/-	/135
F	110	/-	/-	/58	/-	/-
G	432	/-	/-	/211	/83	/-
D	450	/-	/-	/217	/78	/-
E	154	/-	/-	/68	/25	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
F Brg Wid = 1.5 Min Req = -
G Brg Wid = 3.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = 1.5 (Truss)
E Brg Wid = 1.5 Min Req = -
Bearings B, G, & D are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	25	-3	C - D	230	-369
B - C	159	-402	D - E	71	-103

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - F	3	-3

Lumber
Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'

Loading
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Additional Notes
Shim all supports to solid bearing.

REGISTERED PROFESSIONAL ENGINEER
83294PE
OREGON
JULY 14, 2009
Russell Tangren
Renewal 6/30/2024
08/04/2022

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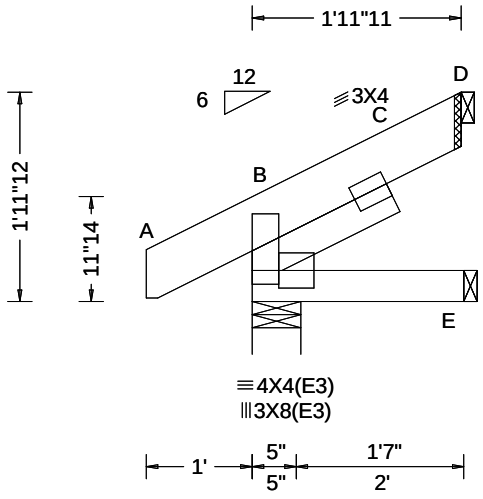
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 18842 CAJA FROM:	Ply: 1 Qty: 4	**Job Number:** 18145 Dayville Project **Truss Label:** SJ1	Cust: R 6964 JRef:1XHS69640001 T35 DrwNo: 216.22.0819.03870 JCJ / RTT 08/04/2022



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 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: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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 C - -
HORZ(TL): 0.001 C - -
Creep Factor: 2.0
Max TC CSI: 0.043
Max BC CSI: 0.030
Max Web CSI: 0.006

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	235	/-	/-	/125	/18	/34
D	67	/-	/-	/36	/28	/-
E	38	/-	/-	/20	/-	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
E 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	27	-2	C - D	35	-54
B - C	109	-185			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - E	2	-2

Lumber
Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'

Loading
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Renewal 6/30/2024
08/04/2022

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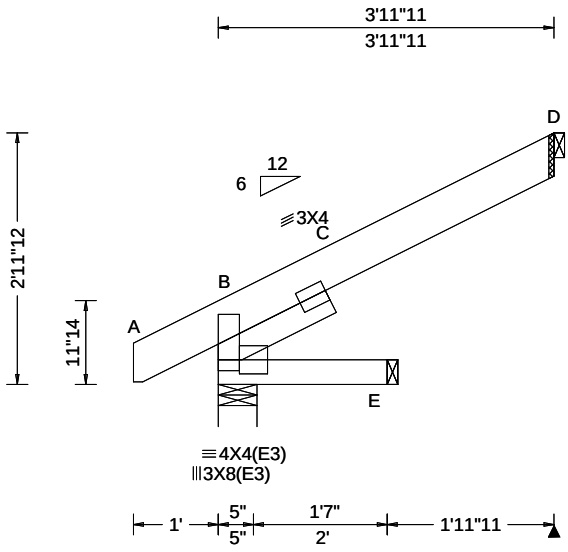
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 18843 CAJA FROM:	Ply: 1 Qty: 4	**Job Number:** 18145 Dayville Project **Truss Label:** SJ2	Cust: R 6964 JRef:1XHS69640001 T34 DrwNo: 216.22.0819.09567 JCJ / RTT 08/04/2022



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 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: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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	C	999	240
VERT(CL): 0.014	C	999	240
HORZ(LL): 0.006	C	-	-
HORZ(TL): 0.011	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.143
Max BC CSI: 0.046
Max Web CSI: 0.019

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	311	/-	/-	/157	/27	/59
E	41	/-	/-	/24	/3	/-
D	169	/-	/-	/84	/53	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	25	-2	C - D	82	-66
B - C	65	-146			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - E	2	-3

Lumber
Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'

Loading
Bottom chord checked for 10.00 psf non-concurrent live load.

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

08/04/2022

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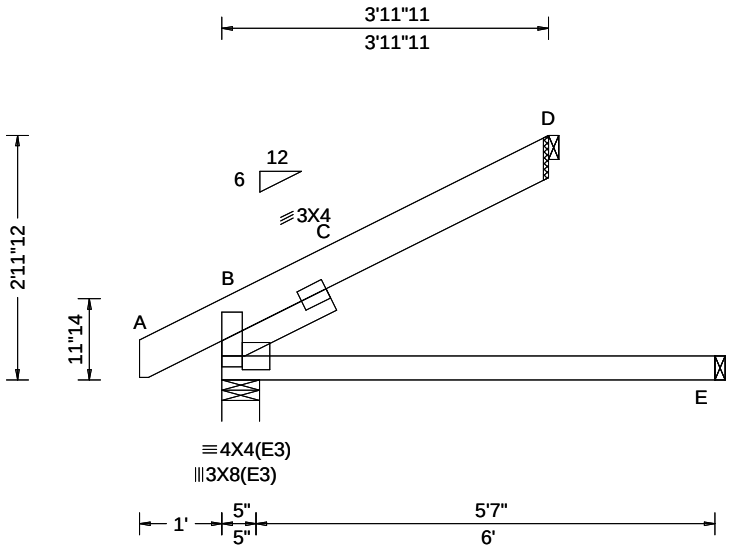
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 18844 CAJA FROM:	Ply: 1 Qty: 2	**Job Number:** 18145 Dayville Project **Truss Label:** EJ4	Cust: R 6964 JRef:1XHS69640001 T26 DrwNo: 216.22.0819.13230 JCJ / RTT 08/04/2022



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 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: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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	C	999	240
VERT(CL): 0.017	C	999	240
HORZ(LL): 0.006	C	-	-
HORZ(TL): 0.012	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.164
Max BC CSI: 0.283
Max Web CSI: 0.113

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	354	/-	/-	/197	/28	/59
D	180	/-	/-	/95	/53	/-
E	107	/-	/-	/54	/-	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
E 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	25	-2	C - D	88	-65
B - C	236	-308			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - E	3	-2

Lumber
Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'

Loading
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Renewal 6/30/2024
08/04/2022

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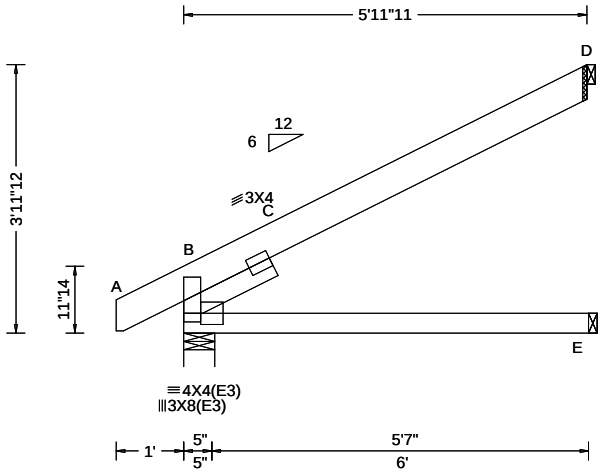
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 18867 CAJA FROM:	Ply: 1 Qty: 4	**Job Number:** 18145 Dayville Project **Truss Label:** HJ8	Cust: R 6964 JRef:1XHS69640001 T25 DrwNo: 216.22.0819.33543 JCJ / RTT 08/04/2022



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 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: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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):	0.021 C	-	-
HORZ(TL):	0.039 C	-	-

Creep Factor: 2.0
Max TC CSI: 0.385
Max BC CSI: 0.298
Max Web CSI: 0.091

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	446	/-	/-	/238	/39	/85
D	269	/-	/-	/136	/77	/-
E	109	/-	/-	/58	/-	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
E 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	25	-3	C - D	128	-92
B - C	166	-273			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - E	3	-3

Lumber
Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'

Loading
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Renewal 6/30/2024
08/04/2022

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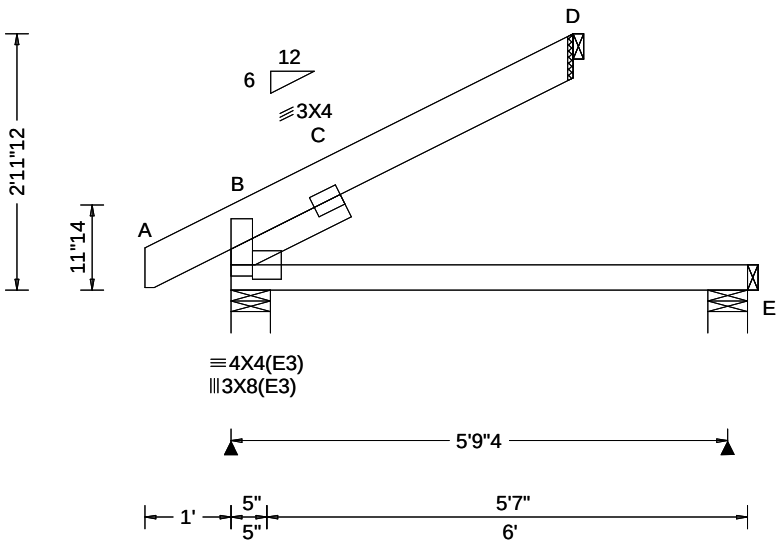
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 18847 CAJA FROM:	Ply: 1 Qty: 2	**Job Number:** 18145 Dayville Project **Truss Label:** EJ2	Cust: R 6964 JRef:1XHS69640001 T32 DrwNo: 216.22.0819.52293 JCJ / RTT 08/04/2022



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 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: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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 C	999	240
VERT(CL):	0.016 C	999	240
HORZ(LL):	0.006 C	-	-
HORZ(TL):	0.012 C	-	-

Creep Factor: 2.0
Max TC CSI: 0.156
Max BC CSI: 0.182
Max Web CSI: 0.069

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	343	/-	/-	/187	/28	/59
D	176	/-	/-	/91	/53	/-
E	587	/-	/-	/304	/-	/-
E	-	/-453	/-	/-	/236	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	25	-2	C - D	86	-64
B - C	157	-235			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - E	2	-3

Lumber
Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'

Loading
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Additional Notes
Negative reaction(s) of -453# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.
Shim all supports to solid bearing.

08/04/2022

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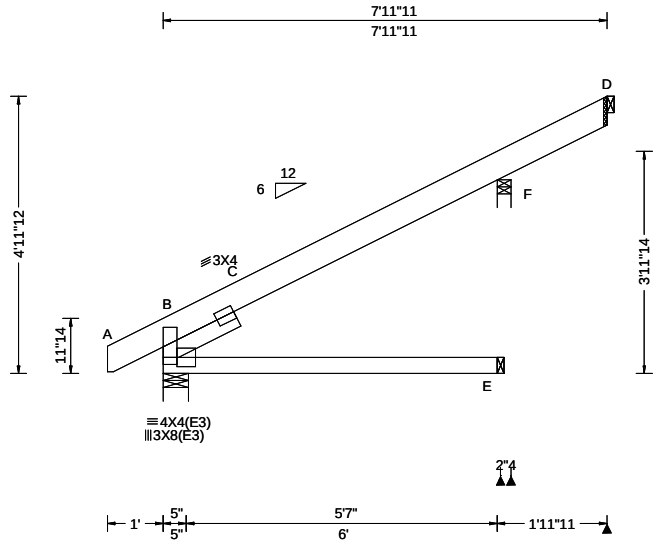
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 18848 CAJA FROM:	Ply: 1 Qty: 4	**Job Number:** 18145 Dayville Project **Truss Label:** HJ7	Cust: R 6964 JRef:1XHS69640001 T24 DrwNo: 216.22.0820.05053 JCJ / RTT 08/04/2022



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 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: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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): 0.033	C	999	240
VERT(CL): 0.059	C	999	240
HORZ(LL): 0.023	C	-	-
HORZ(TL): 0.042	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.406
Max BC CSI: 0.300
Max Web CSI: 0.089

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	452	/-	/-	/236	/27	/110
E	110	/-	/-	/58	/-	/-
F	362	/-	/-	/182	/103	/-
D	86	/-	/-	/42	/23	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
E Brg Wid = 1.5 Min Req = -
F Brg Wid = 3.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
Bearings B & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	25	-3	C - D	170	-170
B - C	160	-304			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - E	3	-3

Lumber

Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'

Loading

Bottom chord checked for 10.00 psf non-concurrent live load.

Wind

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

Wind loading based on both gable and hip roof types.

Additional Notes

Shim all supports to solid bearing.

Renewal 6/30/2024

08/04/2022

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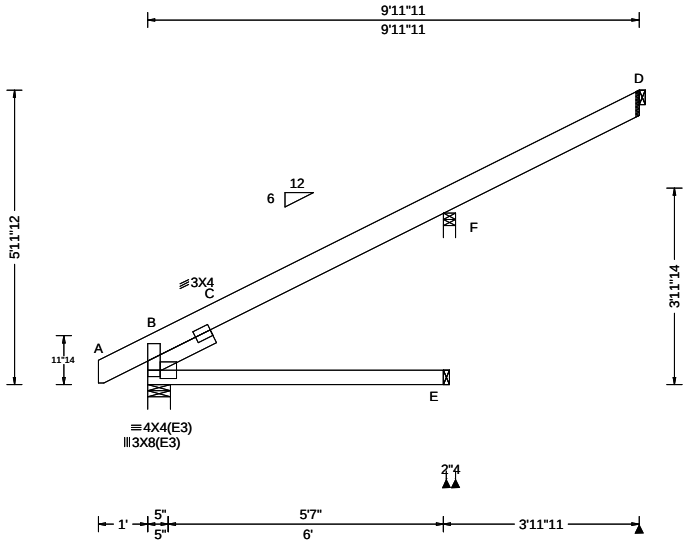
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 18851 CAJA FROM:	Ply: 1 Qty: 4	**Job Number:** 18145 Dayville Project **Truss Label:** HJ6	Cust: R 6964 JRef:1XHS69640001 T23 DrwNo: 216.22.0820.12133 JCJ / RTT 08/04/2022



Loading Criteria (psf)

TCLL:	30.00
TCDL:	15.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	55.00
NCBCLL:	10.00
Soffit:	2.00

Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 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: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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): 0.034	C	999	240
VERT(CL): 0.059	C	999	240
HORZ(LL): 0.024	C	-	-
HORZ(TL): 0.042	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.406
Max BC CSI: 0.300
Max Web CSI: 0.089

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	452	/-	/-	/231	/12	/135
E	110	/-	/-	/58	/-	/-
F	456	/-	/-	/227	/130	/-
D	180	/-	/-	/87	/48	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
E Brg Wid = 1.5 Min Req = -
F Brg Wid = 3.0 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
Bearings B & F are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	25	-3	C - D	212	-248
B - C	160	-340			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - E	3	-3

Lumber
Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'

Loading
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Additional Notes
Shim all supports to solid bearing.

Renewal 6/30/2024
08/04/2022

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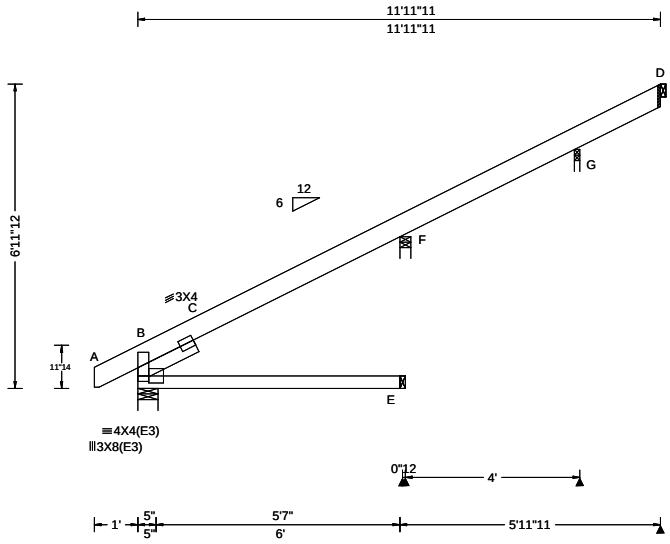
ALPINE
AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 18852 CAJA FROM:	Ply: 1 Qty: 4	**Job Number:** 18145 Dayville Project **Truss Label:** HJ5	Cust: R 6964 JRef:1XHS69640001 T22 DrwNo: 216.22.0820.26470 JCJ / RTT 08/04/2022



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 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: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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): 0.035	C	999	240
VERT(CL): 0.059	C	999	240
HORZ(LL): 0.024	C	-	-
HORZ(TL): 0.042	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.406
Max BC CSI: 0.300
Max Web CSI: 0.089

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	452	/-	/-	/226	/-	/161
E	110	/-	/-	/58	/0	/-
F	460	/-	/-	/230	/133	/-
G	274	/-	/-	/132	/73	/-
D	89	/-	/-	/43	/24	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
E Brg Wid = 1.5 Min Req = -
F Brg Wid = 3.0 Min Req = 1.5 (Truss)
G Brg Wid = 1.5 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
Bearings B, F, & G are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	25	-3	C - F	131	-202
B - C	159	-373	C - D	122	-134

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - E	3	-3

Lumber
Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'

Loading
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Additional Notes
Shim all supports to solid bearing.

REGISTERED PROFESSIONAL ENGINEER
83294PE
OREGON
JULY 14, 2009
Russell Tangren
Renewal 6/30/2024
08/04/2022

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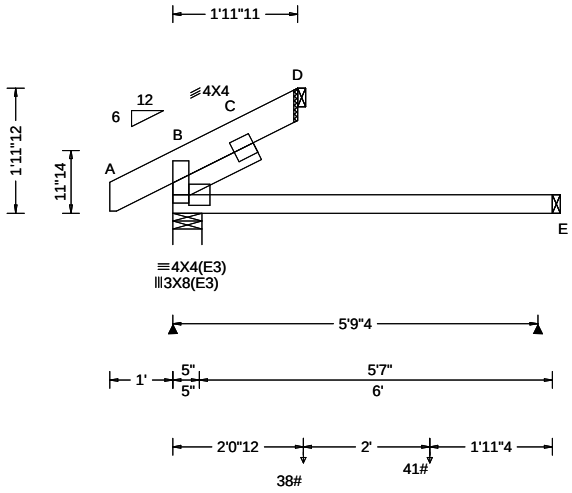
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 18863 CAJA FROM:	Ply: 1 Qty: 4	**Job Number:** 18145 Dayville Project **Truss Label:** EJ1	Cust: R 6964 JRef:1XHS69640001 T3 DrwNo: 216.22.0824.14837 JCJ / RTT 08/04/2022



Loading Criteria (psf)
TCLL: 30.00
TCDL: 15.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 55.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 110 mph
Enclosure: Closed
Risk Category: II
EXP: C Kzt: NA
Mean Height: 15.00 ft
TCDL: 3.0 psf
BCDL: 0.6 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: 30.0 Ct: - CAT: -
Pf: 30.0 Ce: -
Lu: - Cs: -
Snow Duration: -

Building Code:
IRC 2018
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	240
VERT(CL): 0.003	B	999	240
HORZ(LL): 0.001	C	-	-
HORZ(TL): 0.001	C	-	-

Creep Factor: 2.0
Max TC CSI: 0.049
Max BC CSI: 0.176
Max Web CSI: 0.077

VIEW Ver: 22.01.01B.0530.21

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
B	256	/-	/-	/-	/43	/-
D	86	/-	/-	/-	/14	/-
E	133	/-	/-	/12	/9	/-

Wind reactions based on MWFRS
B Brg Wid = 5.5 Min Req = 1.5 (Truss)
D Brg Wid = 1.5 Min Req = -
E Brg Wid = 1.5 Min Req = 1.5 (Truss)

Bearings B & E are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	27	-6	C - D	45	-7
B - C	134	-130			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - E	2	-3

Lumber
Top chord: 2x6 DF-L #2;
Bot chord: 2x4 DF-L #2;
Lt Slider: 2x4 DF-L #2; block length = 1.500'

Special Loads
------(Lumber Dur.Fac.=1.15 / Plate Dur.Fac.=1.15)
TC: From 94 plf at -1.00 to 94 plf at 1.97
BC: From 4 plf at -1.00 to 4 plf at 0.00
BC: From 10 plf at 0.00 to 10 plf at 6.00
BC: 38 lb Conc. Load at 2.06
BC: 41 lb Conc. Load at 4.06

Loading
Bottom chord checked for 10.00 psf non-concurrent live load.

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

Additional Notes
Negative reaction(s) of -440# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.
Shim all supports to solid bearing.

REGISTERED PROFESSIONAL ENGINEER
83294PE
OREGON
JULY 14, 2009
Russell Tangren
Renewal 6/30/2024
08/04/2022

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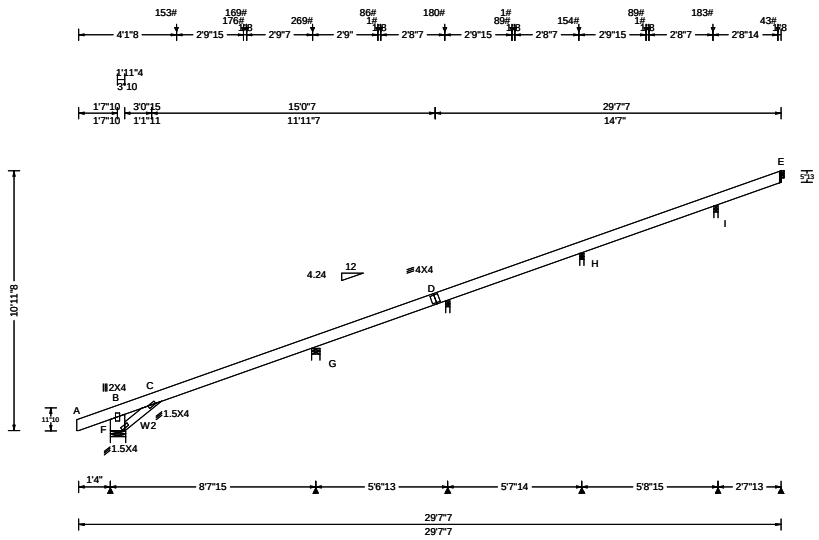
ALPINE AN ITW COMPANY
155 Harlem Ave
North Building, 4th Floor
Glenview, IL 60025

SEQN: 5385 CALF FROM:	Ply: 1 Qty: 4	**Job Number:** 18145 Dayville Project **Truss Label:** RR1	Cust: R 6964 JRef:1XHS69640001 T6 DrwNo: 216.22.0834.15110 JCJ / RTT 08/04/2022



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 30.00	Wind Std: ASCE 7-16	Pg: 30.0 Ct: - CAT: -	PP Deflection in loc L/defl L/#
TCDL: 15.00	Speed: 110 mph	Pf: 30.0 Ce: -	VERT(LL): -0.065 A 315 240
BCLL: 0.00	Enclosure: Closed	Lu: - Cs: -	VERT(CL): -0.121 A 999 240
BCDL: 10.00	Risk Category: II	Snow Duration: -	HORZ(LL): 0.043 C - -
Des Ld: 55.00	EXP: C Kzt: NA		HORZ(TL): 0.079 C - -
NCBCLL: 0.00	Mean Height: 15.00 ft	Building Code:	Creep Factor: 2.0
Soffit: 2.00	TCDL: 3.0 psf	IRC 2018	Max TC CSI: 0.601
Load Duration: 1.15	BCDL: 0.6 psf	TPI Std: 2014	Max BC CSI: 0.000
Spacing: 0.0 "	MWFRS Parallel Dist: 0 to h/2	Rep Fac: Varies by Ld Case	Max Web CSI: 0.013
	C&C Dist a: 3.00 ft	FT/RT:20(0)/10(0)	
	Loc. from endwall: not in 13.00 ft	Plate Type(s):	
	GCpi: 0.18	WAVE	VIEW Ver: 22.01.01A.0520.12
	Wind Duration: 1.60		

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
F	181	/-	/-	/-	/51	/-
G	742	/-	/-	/-	/215	/-
D	156	/-	/-	/-	/36	/-
H	286	/-	/-	/-	/53	/-
I	234	/-	/-	/-	/38	/-
E	26	/-	/-	/-	/5	/-

Wind reactions based on MWFRS
F Brg Wid = 7.8 Min Req = 1.5 (Support)
G Brg Wid = 4.2 Min Req = 1.5 (Truss)
D Brg Wid = 2.1 Min Req = 1.5 (Truss)
H Brg Wid = 2.1 Min Req = 1.5 (Truss)
I Brg Wid = 2.1 Min Req = 1.5 (Truss)
E Brg Wid = 1.5 Min Req = -
Bearings F, G, D, H, & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	1	0	C - D	212	-108
B - C	11	-37	D - E	80	-28

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - F	46	-164	F - C	7	-26

Lumber

Top chord: 2x6 DF-L #2;
Webs: 2x8 DF-L #2; W2 2x4 DF-L #2;

Special Loads

------(Lumber Dur.Fac.=1.15 / Plate Dur.Fac.=1.15)
TC: From 1 plf at -1.41 to 1 plf at 28.28
TC: 153 lb Conc. Load at 2.79
TC: 176 lb Conc. Load at 5.62
TC: 169 lb Conc. Load at 5.75
TC: 269 lb Conc. Load at 8.53
TC: 86 lb Conc. Load at 11.28
TC: 1 lb Conc. Load at 11.40,17.06,22.72
TC: 180 lb Conc. Load at 14.11
TC: 89 lb Conc. Load at 16.93,22.59
TC: 154 lb Conc. Load at 19.76
TC: 183 lb Conc. Load at 25.42
TC: 43 lb Conc. Load at 28.16

Wind

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

Additional Notes

Shim all supports to solid bearing.

Renewal 6/30/2024
08/04/2022

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ALPINE
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Glenview, IL 60025

CLR Reinforcing Member Substitution

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

Notes:

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

Alternative reinforcement specified in chart below may be conservative. For minimum alternative reinforcement, re-run design with appropriate reinforcement type.

Use scabs instead of L- or T- reinforcement on webs with intersecting truss joints, such as K-web joints, that may interfere with proper application along the narrow face of the web.

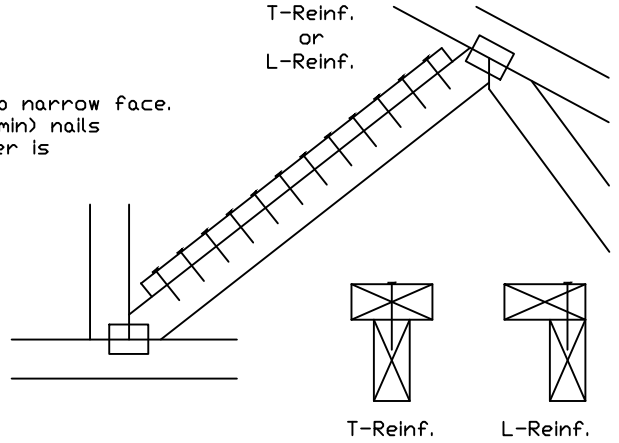
Web Member Size	Specified CLR Restraint	Alternative Reinforecement T- or L- Reinf.	Alternative Reinforecement Scab Reinf.
2x3 or 2x4	1 row	2x4	1-2x4
2x3 or 2x4	2 rows	2x6	2-2x4
2x6	1 row	2x4	1-2x6
2x6	2 rows	2x6	2-2x4(*)
2x8	1 row	2x6	1-2x8
2x8	2 rows	2x6	2-2x6(*)

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

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

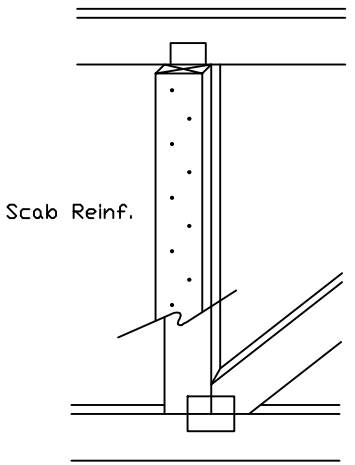
T-Reinforcement or L-Reinforcement:

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



Scab Reinforcement:

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



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Suite 242
Earth City, MO 63045

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ALPINE: www.alpineitw.com; TPI: www.tpinst.org; SBCA: www.sbcindustry.org; ICC: www.iccsafe.org

REGISTERED PROFESSIONAL ENGINEER
83294PE
OREGON
JULY 14, 2009
Russell Tangren
Renewal 6/30/2024

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

08/04/2022