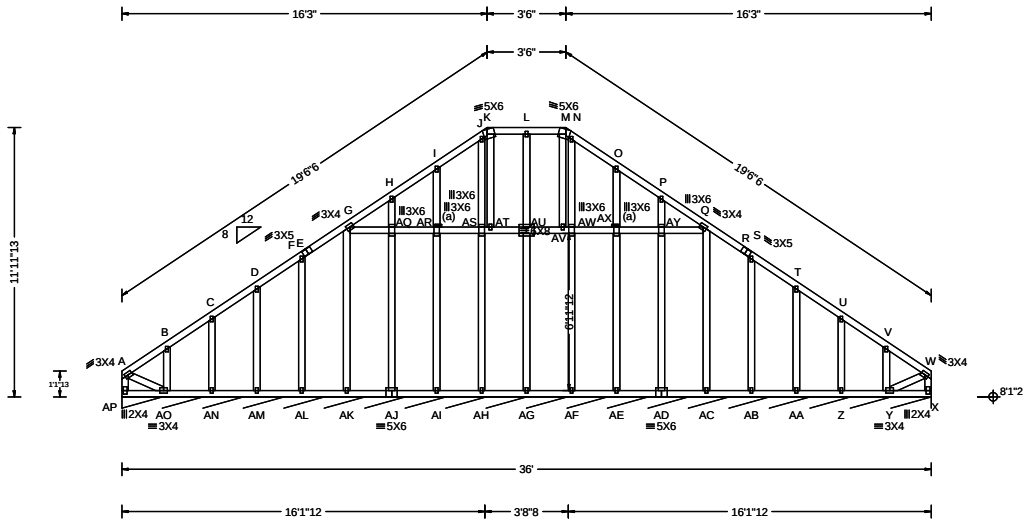
SEQN: 1507 / T6 / GABL	Ply: 1	**Job Number:** RB22034	
FROM:	Qty: 2		DRW:
Page 1 of 2	Wgt: 327.6 lbs	**Truss Label:** A01	... / ... 05/11/2023



Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 2.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.60 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.003	L	999	240	Max TC CSI:	0.075
VERT(CL): 0.004	L	999	240	Max BC CSI:	0.040
HORZ(LL): 0.002	O	-	-	Max Web CSI:	0.229
HORZ(TL): 0.005	O	-	-	Creep Factor: 2.0	

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

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

Plating Notes
All plates are 1.5X3 except as noted.

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

Loading
Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on gable roof types.

Additional Notes
See DWGS A11530ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

****WARNING**** READ AND FOLLOW ALL NOTES ON THIS DRAWING!
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▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	/ R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
X*	136	/-	/-	/45	/-	/6

Wind reactions based on MWFRS
X Brg Wid = 432 Min Req = -
Bearing AP is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	146	-173	L - M	100	-20
B - C	122	-147	M - N	102	-63
C - D	115	-126	N - O	97	-97
D - E	113	-113	O - P	48	-101
E - F	108	-103	P - Q	34	-114
F - G	121	-95	Q - R	121	-82
G - H	47	-114	R - S	108	-103
H - I	49	-101	S - T	79	-100
I - J	97	-97	T - U	81	-106
J - K	102	-63	U - V	88	-114
K - L	100	-20	V - W	113	-139

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AP-AO	4	0	AG-AF	116	-90
AO-AN	143	-116	AF-AE	116	-90
AN-AM	143	-117	AE-AD	116	-90
AM-AL	143	-118	AD-AC	116	-90
AL-AK	143	-119	AC-AB	115	-91
AK-AJ	144	-118	AB-AA	115	-90
AJ-AI	116	-90	AA- Z	115	-89
AI-AH	116	-90	Z - Y	115	-88
AH-AG	116	-90	Y - X	4	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A -AO	156	-129	AU-AV	138	-17
G -AQ	134	-16	AV-AW	140	-17
H -AQ	52	-212	AW-AF	0	-222
AQ-AR	137	-16	AW- N	7	-174
I -AR	67	-236	AW-AX	139	-16
AR-AS	139	-17	AX- O	67	-236
J -AS	7	-174	AX-AY	137	-14
AS-AH	0	-222	AY- P	52	-212
AS-AT	140	-17	AY- Q	134	-10
AT-AU	138	-17	Y - W	125	-99
L -AU	0	-225			

SEQN: 1507 / T6 / GABL FROM: Page 2 of 2	Ply: 1 Qty: 2 Wgt: 327.6 lbs	**Job Number:** RB22034 **Truss Label:** A01	DRW: ... / ... 05/11/2023

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
A -AP	110	- 160	AV- M	0	- 50
AO- B	67	- 257	AX-AE	68	- 230
C -AN	60	- 227	AY-AD	51	- 214
D -AM	61	- 228	Q -AC	0	- 244
E -AL	60	- 243	AB- S	60	- 243
AK- G	10	- 244	AA- T	61	- 228
AQ-AJ	51	- 214	Z - U	60	- 227
AR-AI	68	- 230	V - Y	67	- 257
K -AT	0	- 50	W - X	79	- 129
AU-AG	0	- 238			

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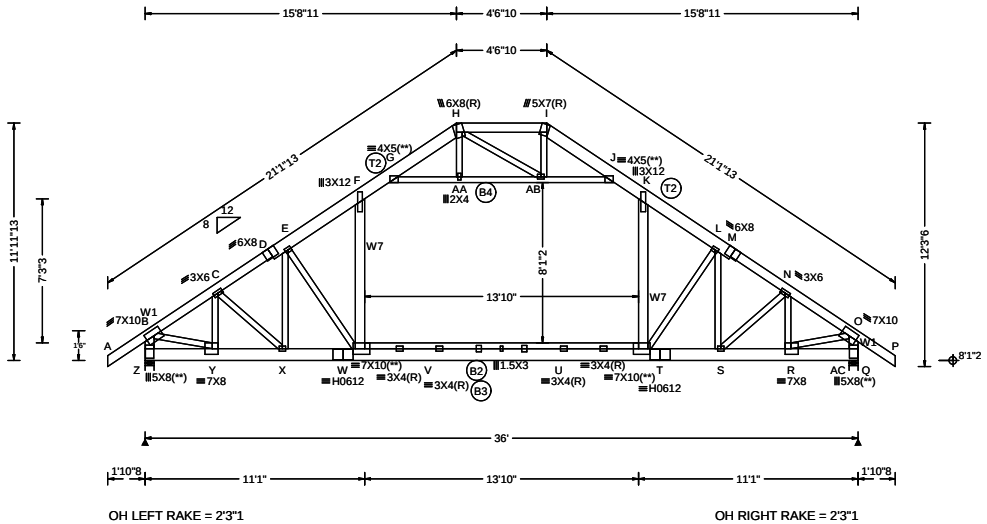
SEQN: 1538 / T42 / HIP_	Ply: 1	**Job Number:** RB22034	DRW:
FROM:	Qty: 18		... / ... 05/11/2023
	Wgt: 377.3 lbs	**Truss Label:** A02	



OH LEFT RAKE = 2'3"1 OH RIGHT RAKE = 2'3"1

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.60 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.428	AB	999	240	Max TC CSI:	0.362
VERT(CL): 0.531	AB	814	240	Max BC CSI:	0.566
HORZ(LL): 0.085	F	-	-	Max Web CSI:	0.819
HORZ(TL): 0.147	F	-	-	Creep Factor: 2.0	

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber

Top chord: 2x6 SPF #1/#2; T2 2x8 SPF 2250f-1.9E;
Bot chord: 2x8 SPF 2250f-1.9E;
B2 2x8 SPF 1950f-1.7E; B3,B4 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2; W1,W7 2x6 SPF #1/#2;

Plating Notes

All plates are 3X4 except as noted.

(**) 6 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 bottom chord live load applied per IBC-15 section 1607.

Attic room loading from 11-1-0 to 24-11-0: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF

Truss designed for unbalanced snow loads.

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.

End verticals not exposed to wind pressure.

Wind loading based on gable roof types.

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
Z	3669	/-	/-	/946	/42	/245
AC	3669	/-	/-	/946	/42	/-

Wind reactions based on MWFRS
Z Brg Wid = 5.5 Min Req = 4.7 (Truss)
AC Brg Wid = 5.5 Min Req = 4.7 (Truss)
Bearings Z & AC are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	126	0	I - J	204	-1061
B - C	214	-4110	J - K	320	-3559
C - D	272	-4488	K - L	297	-4664
D - E	277	-4313	L - M	277	-4314
E - F	298	-4667	M - N	272	-4489
F - G	320	-3557	N - O	214	-4110
G - H	208	-1107	O - P	126	0
H - I	192	-673			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Z - Y	257	-238	U - T	3731	-87
Y - X	3336	-94	T - U	3849	-250
X - W	3731	-86	T - S	3731	-87
W - V	3731	-86	S - R	3336	-100
V - W	3866	-297	R - Q	73	-1

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - Z	232	-3571	AA-AB	169	-2904
B - Y	3338	-99	AB- I	309	-54
Y - C	72	-838	AB- J	174	-2982
C - X	530	0	U - K	1622	0
X - E	87	-710	U - L	182	-417
E - V	177	-432	L - S	93	-703
F - V	1631	0	S - N	531	0
G -AA	170	-2933	N - R	72	-840
H -AA	305	-13	R - O	3338	-99
H -AB	151	-180	O - Q	232	-3571

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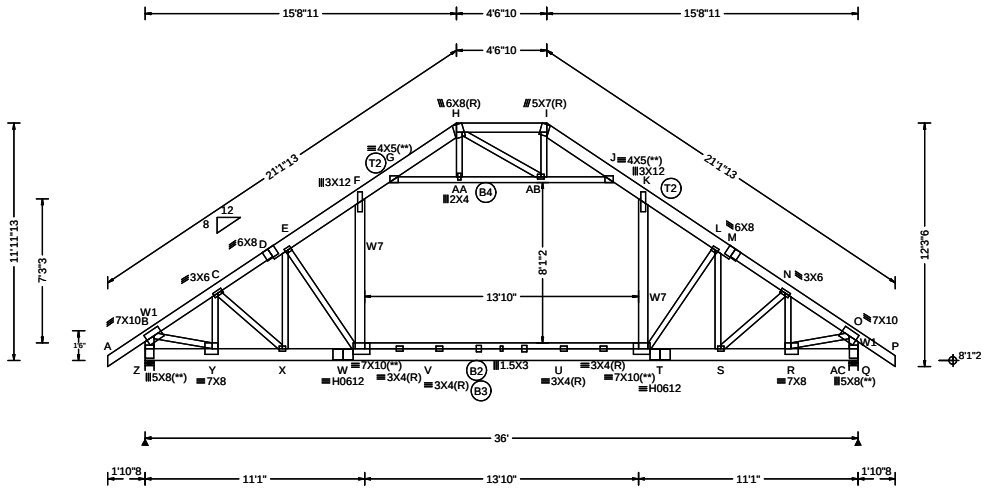
SEQN: 1541 / T3 / HIP_	Ply: 2	**Job Number:** RB22034	DRW:
FROM:	Qty: 3		... / ... 05/11/2023
	Wgt: 754.6 lbs	**Truss Label:** A03	



OH LEFT RAKE = 2'3"1 OH RIGHT RAKE = 2'3"1

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 0.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 48.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.60 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: No
FT/RT:20(0)/10(0)
Plate Type:
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.428	AB	999	240	Max TC CSI:	0.442
VERT(CL): 0.531	AB	814	240	Max BC CSI:	0.688
HORZ(LL): 0.085	F	-	-	Max Web CSI:	0.819
HORZ(TL): 0.147	F	-	-	Creep Factor: 2.0	

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x6 SPF #1/#2; T2 2x8 SPF 2250f-1.9E;
Bot chord: 2x8 SPF 2250f-1.9E;
B2 2x8 SPF 1950f-1.7E; B3,B4 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2; W1,W7 2x6 SPF #1/#2;

Nailnote
Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @ 4.50" o.c.
Bot Chord: 1 Row @12.00" o.c.
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Plating Notes
All plates are 3X4 except as noted.
(**) 6 plate(s) require special positioning. Refer to scaled plate plot details for special positioning requirements.

Loading
Attic room loading from 11-1-0 to 24-11-0: Live Load: 40 PSF. Dead Load: 10 PSF Ceiling: 10 PSF, Kneewalls: 10 PSF
Truss designed for unbalanced snow loads.

Purlins
In lieu of structural panels use purlins to brace TC @ 24" oc.
Collar-tie braced with continuous lateral bracing at 24" oc.

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on gable roof types.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
Z	7337	/-	/-	/1892	/84	/489
AC	7337	/-	/-	/1892	/84	/-

Wind reactions based on MWFRS
Z Brg Wid = 5.5 Min Req = 4.7 (Truss)
AC Brg Wid = 5.5 Min Req = 4.7 (Truss)
Bearings Z & AC are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	126	0	I - J	204	-1061
B - C	214	-4110	J - K	320	-3559
C - D	272	-4488	K - L	297	-4664
D - E	277	-4313	L - M	277	-4314
E - F	298	-4667	M - N	272	-4489
F - G	320	-3557	N - O	214	-4110
G - H	208	-1107	O - P	126	0
H - I	192	-673			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
Z - Y	257	-238	U - T	3731	-87
Y - X	3336	-94	T - U	3849	-250
X - W	3731	-86	T - S	3731	-87
W - V	3731	-86	S - R	3336	-100
V - W	3866	-297	R - Q	73	-1

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - Z	232	-3571	AA-AB	169	-2904
B - Y	3338	-99	AB- I	309	-54
Y - C	72	-838	AB- J	174	-2982
C - X	530	0	U - K	1622	0
X - E	87	-710	U - L	182	-417
E - V	177	-432	L - S	93	-703
F - V	1631	0	S - N	531	0
G -AA	170	-2933	N - R	72	-840
H -AA	305	-13	R - O	3338	-99
H -AB	151	-180	O - Q	232	-3571

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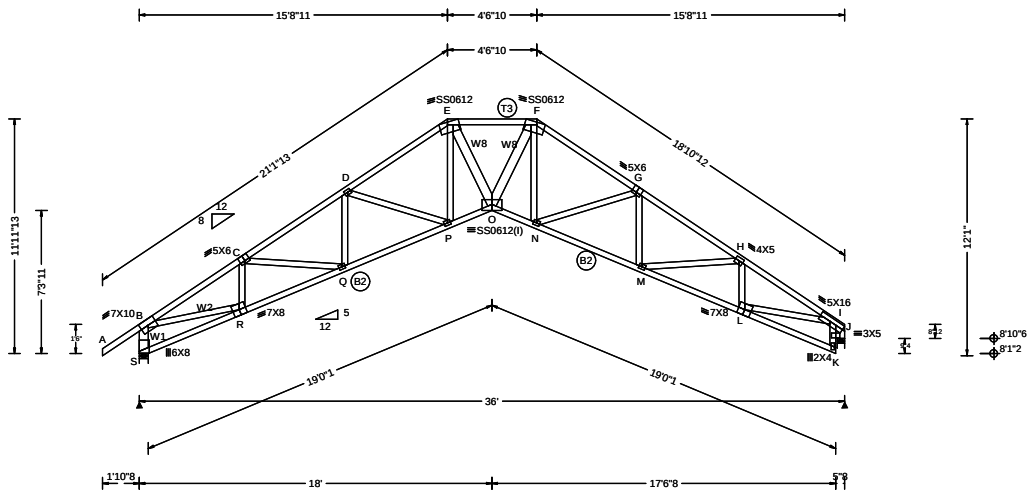
SEQN: 1510 / T28 / SPEC FROM:	Ply: 1 Qty: 3 Wgt: 237.3 lbs	**Job Number:** RB22034 **Truss Label:** A04	DRW: ... / ... 05/11/2023



OH LEFT RAKE = 2'3"1

OH RIGHT RAKE = 6"10

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 2.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.60 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.575	O	743	240	Max TC CSI:	0.701
VERT(CL): 0.853	O	501	240	Max BC CSI:	0.820
HORZ(LL): 0.619	K	-	-	Max Web CSI:	0.877
HORZ(TL): 0.918	K	-	-	Creep Factor: 2.0	

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF 1650f-1.5E; T3 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2; B2 2x4 SPF 1650f-1.5E;
Webs: 2x4 SPF #1/#2; W1,W8 2x6 SPF #1/#2;
W2 2x4 SPF 1650f-1.5E;
Rt Bearing Leg: 2x6 SPF #1/#2;

Plating Notes
All plates are 3X4 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 bottom chord live load applied per IBC-15 section 1607.

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

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on gable roof types.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
S	2706	/-	/-	/995	/-	/230
J	2483	/-	/-	/919	/-	/-

Wind reactions based on MWFRS
S Brg Wid = 5.5 Min Req = 3.8 (Truss)
J Brg Wid = 4.5 Min Req = 1.5 (Support)
Bearings S & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	126	0	E - F	0	-4975
B - C	0	-5027	F - G	0	-5086
C - D	0	-5670	G - H	0	-5637
D - E	0	-5094	H - I	0	-4924

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
S - R	238	-261	O - N	4424	0
R - Q	4457	0	N - M	4960	0
Q - P	4992	0	M - L	4393	0
P - O	4430	0	L - K	474	-22

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - S	51	-2611	N - F	477	-47
B - R	4149	0	N - G	153	-504
R - C	17	-1013	G - M	95	-157
C - Q	493	0	M - H	522	0
Q - D	108	-139	H - L	12	-1043
D - P	152	-530	L - I	3572	0
E - P	495	-57	J - K	26	-120
E - O	1907	0	I - J	30	-2887
O - F	1919	0			

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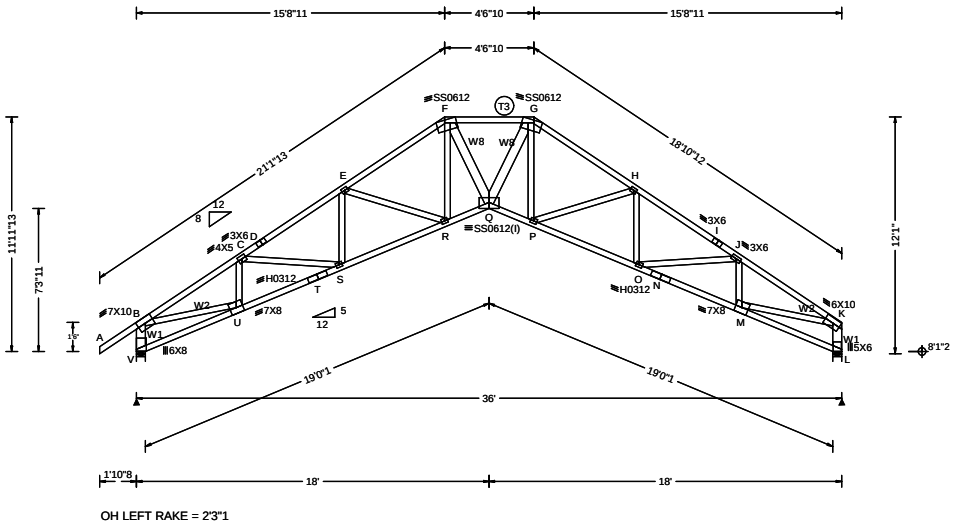
SEQN: 1511 / T9 / COMN FROM:	Ply: 1 Qty: 4 Wgt: 232.4 lbs	**Job Number:** RB22034 **Truss Label:** A05	DRW: ... / ... 05/11/2023



OH LEFT RAKE = 2'3"1

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.60 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE, HS, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.595	Q	722	240	Max TC CSI:	0.773
VERT(CL): 0.884	Q	486	240	Max BC CSI:	0.828
HORZ(LL): 0.642	L	-	-	Max Web CSI:	0.679
HORZ(TL): 0.954	L	-	-	Creep Factor: 2.0	

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber

Top chord: 2x4 SPF 1650f-1.5E; T3 2x4 SPF #1/#2;
Bot chord: 2x4 SPF 1650f-1.5E;
Webs: 2x4 SPF #1/#2; W1,W8 2x6 SPF #1/#2;
W2 2x4 SPF 1650f-1.5E;

Plating Notes

All plates are 3X4 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 bottom chord live load applied per IBC-15 section 1607.

Wind

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

End verticals not exposed to wind pressure.

Wind loading based on gable roof types.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
V	2720	/-	/-	/965	/-	/230
L	2479	/-	/-	/874	/-	/-

Wind reactions based on MWFRS
V Brg Wid = 5.5 Min Req = 3.8 (Truss)
L Brg Wid = 5.5 Min Req = 3.4 (Truss)
Bearings V & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	126	0	F - G	163	-5030
B - C	166	-5059	G - H	184	-5147
C - D	170	-5713	H - I	198	-5676
D - E	198	-5644	I - J	170	-5745
E - F	184	-5141	J - K	164	-5130

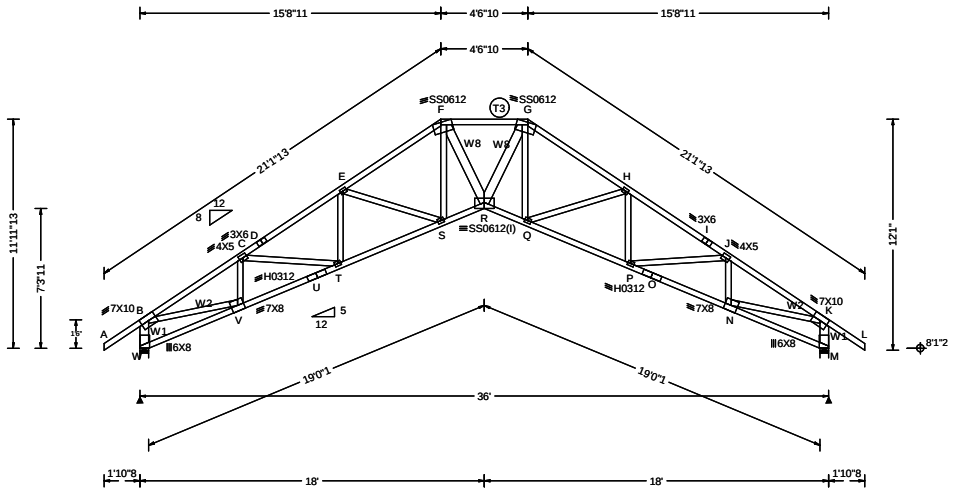
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
V - U	238	-259	Q - P	4479	0
U - T	4478	-105	P - O	5053	-36
T - S	4488	-88	O - N	4566	-89
S - R	5029	-37	N - M	4556	-106
R - Q	4472	0	M - L	48	-33

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - V	159	-2623	Q - G	1928	0
B - U	4179	-60	P - G	503	-24
U - C	77	-1022	P - H	103	-542
C - S	499	0	H - O	112	-115
S - E	106	-142	O - J	450	-18
E - R	103	-525	J - M	82	-1020
F - R	491	-24	M - K	4171	-78
F - Q	1941	0	L - K	95	-2412

SEQN: 1512 / T38 / COMN FROM:	Ply: 1 Qty: 12 Wgt: 235.2 lbs	**Job Number:** RB22034 **Truss Label:** A06	DRW: ... / ... 05/11/2023



Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
MWFRS Parallel Dist: > 2h
C&C Dist a: 3.60 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE, HS, 18SS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#	
VERT(LL): 0.595	R	723	240	Max TC CSI: 0.708
VERT(CL): 0.879	R	489	240	Max BC CSI: 0.822
HORZ(LL): 0.641	M	-	-	Max Web CSI: 0.677
HORZ(TL): 0.947	M	-	-	Creep Factor: 2.0

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF 1650f-1.5E; T3 2x4 SPF #1/#2;
Bot chord: 2x4 SPF 1650f-1.5E;
Webs: 2x4 SPF #1/#2; W1,W8 2x6 SPF #1/#2;
W2 2x4 SPF 1650f-1.5E;

Plating Notes
All plates are 3X4 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 bottom chord live load applied per IBC-15 section 1607.

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on gable roof types.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
W	2713	/-	/-	/964	/-	/246
M	2713	/-	/-	/964	/-	/-

Wind reactions based on MWFRS
W Brg Wid = 5.5 Min Req = 3.8 (Truss)
M Brg Wid = 5.5 Min Req = 3.8 (Truss)
Bearings W & M are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	126	0	G - H	138	-5118
B - C	133	-5045	H - I	157	-5624
C - D	127	-5693	I - J	129	-5693
D - E	155	-5624	J - K	136	-5045
E - F	138	-5118	K - L	126	0
F - G	110	-5003			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
W - V	255	-290	R - Q	4452	0
V - U	4465	-39	Q - P	5011	0
U - T	4474	-22	P - O	4474	-28
T - S	5011	0	O - N	4465	-45
S - R	4452	0	N - M	35	-100

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - W	146	-2617	R - G	1924	0
B - V	4167	-24	Q - G	492	-28
V - C	68	-1019	Q - H	110	-527
C - T	495	0	H - P	106	-139
T - E	106	-139	P - J	495	-16
E - S	111	-527	J - N	71	-1019
F - S	492	-29	N - K	4167	-34
F - R	1924	0	M - K	139	-2617

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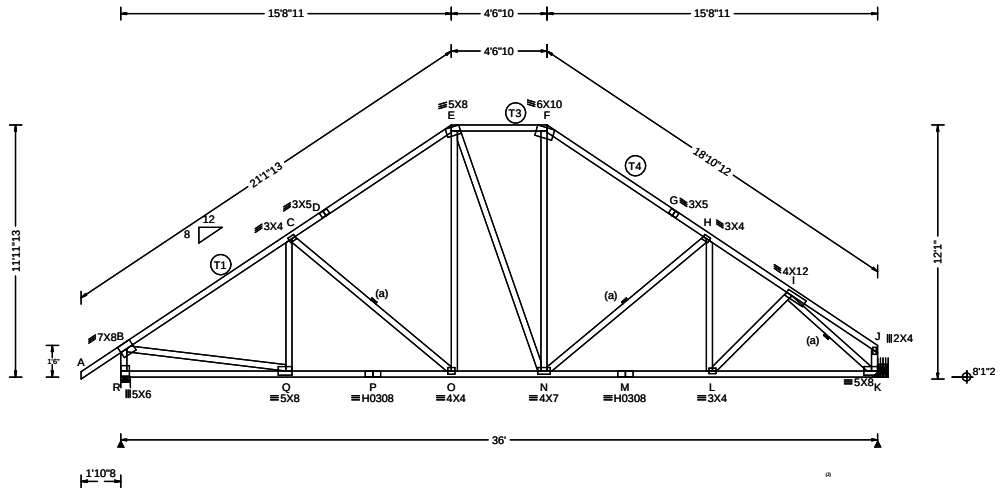
SEQN: 1550 / T24 / COMN FROM:	Ply: 1 Qty: 19 Wgt: 250.6 lbs	**Job Number:** RB22034 **Truss Label:** A07	DRW: ... / ... 05/11/2023



OH LEFT RAKE = 2'3"1

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
R	2868	/-	/-	/946	/43	/230
K	2625	/-	/-	/854	/30	/-

Wind reactions based on MWFRS
R Brg Wid = 5.5 Min Req = 4.5 (Truss)
K Brg Wid = - Min Req = -
Bearing R is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	126	0	F - G	233	-2630
B - C	160	-3440	G - H	193	-2735
C - D	198	-2766	H - I	173	-3260
D - E	238	-2661	I - J	65	-193
E - F	234	-2071			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
R - Q	268	-213	N - M	2643	-45
Q - P	2675	-55	M - L	2643	-45
P - O	2675	-55	L - K	2454	-78
O - N	2066	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - R	168	-2808	N - F	661	0
B - Q	2606	-17	N - H	86	-757
Q - C	194	-109	H - L	234	0
C - O	101	-802	L - I	270	0
E - O	733	-10	I - K	113	-3324
E - N	136	-125	J - K	37	-261

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.60 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.166	O	999	240	Max TC CSI:	0.961
VERT(CL): 0.236	O	999	240	Max BC CSI:	0.942
HORZ(LL): 0.082	J	-	-	Max Web CSI:	0.640
HORZ(TL): 0.117	J	-	-	Creep Factor:	2.0

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF 1650f-1.5E;
T1 2x4 SPF 2400f-2.0E; T3 2x4 SPF #1/#2;
T4 2x4 SPF 2100f-1.8E;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

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

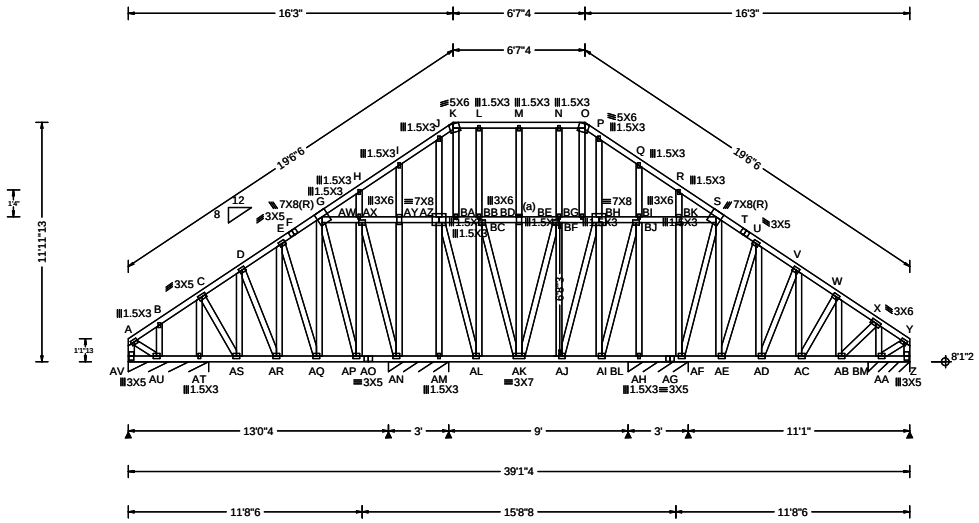
Hangers / Ties
(J) Hanger Support Required, by others

Loading
Truss passed check for 20 psf additional bottom chord live load in areas with 42"-high x 24"-wide clearance.
Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

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

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on gable roof types.

SEQN: 1514 / T2 / GABL	Ply: 1	**Job Number:** RB22034	DRW:
FROM:	Qty: 1		... / ... 05/11/2023
Page 1 of 2	Wgt: 495.6 lbs	**Truss Label:** A08	



Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 2.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.91 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#	
VERT(LL): 0.019	M	999	240	Max TC CSI: 0.127
VERT(CL): 0.027	M	999	240	Max BC CSI: 0.091
HORZ(LL): 0.007	R	-	-	Max Web CSI: 0.584
HORZ(TL): 0.011	R	-	-	Creep Factor: 2.0

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

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

Plating Notes
All plates are 3X4 except as noted.

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

Loading
Gable end supports 8" max rake overhang. Top chord must not be cut or notched.
Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on gable roof types.

Additional Notes
See DWGS A11530ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

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▲Maximum Reactions (lbs), or *=PLF

Loc	R+	Gravity / R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
AV*	302	/-	/-	/104	/-	/52
AN	528	/-	/-	/213	/-	/-
BL*	551	/-	/-	/213	/-	/-
BM*	440	/-	/-	/167	/-	/-
Z		/-174				

Wind reactions based on MWFRS
AV Brg Wid = 48.2 Min Req = -
AN Brg Wid = 36.0 Min Req = -
BL Brg Wid = 36.0 Min Req = -
BM Brg Wid = 25.0 Min Req = -
Bearings AV, AN, BL, & BM are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	149	-130	M - N	60	-169
B - C	130	-105	N - O	60	-170
C - D	58	-361	O - P	61	-236
D - E	68	-431	P - Q	39	-282
E - F	80	-386	Q - R	20	-284
F - G	89	-346	R - S	36	-292
G - H	46	-283	S - T	87	-215
H - I	65	-269	T - U	78	-255
I - J	40	-271	U - V	71	-399
J - K	61	-238	V - W	51	-477
K - L	60	-170	W - X	23	-412
L - M	60	-169	X - Y	242	-44

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
AV-AU	210	-209	AK-AJ	227	-31
AU-AT	121	-125	AJ-AI	152	-37
AT-AS	123	-121	AI-AH	105	-55
AS-AR	260	-84	AH-AG	105	-59
AR-AQ	308	-72	AG-AF	105	-59
AQ-AP	262	-70	AF-AE	149	-24
AP-AO	160	-72	AE-AD	270	0
AO-AN	160	-72	AD-AC	344	0
AN-AM	110	-77	AC-AB	308	0
AM-AL	111	-75	AB-AA	36	-53
AL-AK	166	-51	AA- Z	2	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.

SEQN: 1514 / T2 / GABL	Ply: 1	**Job Number:** RB22034	
FROM:	Qty: 1		DRW:
Page 2 of 2	Wgt: 495.6 lbs	**Truss Label:** A08	... / ... 05/11/2023

A -AU	127	-135	AK-BE	29	-15
C -AS	463	0	BD-BE	117	-86
D -AR	124	0	BE-BF	122	-78
E -AQ	71	-165	N -BF	0	-197
G -AP	14	-360	BF-BG	122	-78
G -AW	152	-125	AJ-BH	280	0
H -AW	54	-214	BG-BH	122	-78
AW-AX	158	-148	BH- P	33	-166
AX-AN	42	-607	BH-BI	140	-45
AX-AY	178	-5	AI-BI	464	0
I -AY	66	-249	BI-BJ	165	-25
AY-AZ	174	-9	BJ- Q	66	-240
J -AZ	32	-177	BJ-BK	183	-21
AZ-BA	129	-56	BK- R	54	-224
AZ-AL	473	0	BK- S	200	-17
BA-BB	128	-56	AF- S	14	-641
L -BB	0	-193	AE- U	83	-389
BB-BC	128	-56	AD- V	62	-195
BC-AK	253	0	AC- W	71	0
BC-BD	117	-86	AB- X	489	0
M -BD	0	-246	AA- Y	51	-173

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
A -AV	127	-133	BE-AJ	0	-222
AU- B	62	-238	BG- O	9	-21
AT- C	48	-820	BH-AI	0	-438
AS- D	6	-382	BI-AH	1	-679
AR- E	14	-73	BK-AF	56	-248
AQ- G	198	-49	S -AE	389	-58
AP-AX	378	0	U -AD	226	-37
AN-AY	61	-248	V -AC	40	-21
AM-AZ	0	-635	W -AB	21	-329
K -BA	14	-21	X -AA	66	-889
AL-BC	0	-437	Y - Z	173	-39
BD-AK	0	-220			

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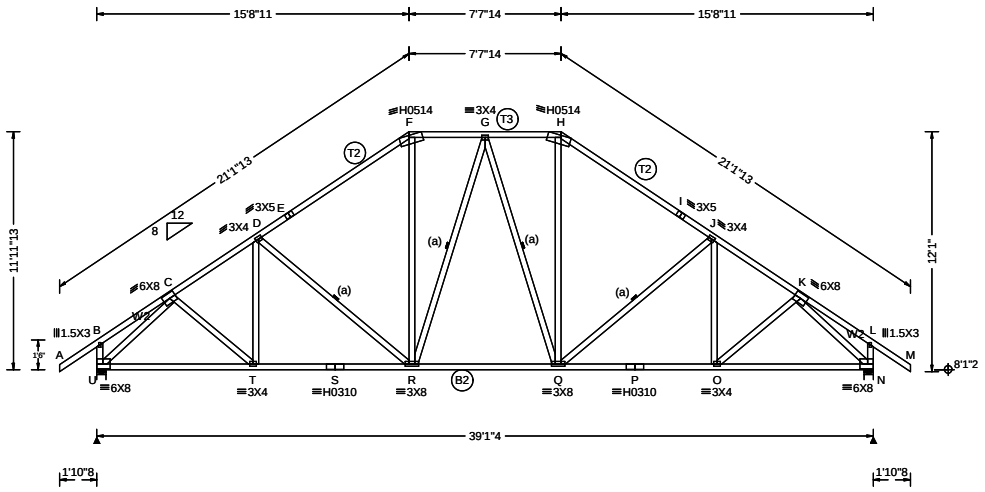
SEQN: 1597 / T1 / COMN	Ply: 1	**Job Number:** RB22034	DRW:
FROM:	Qty: 2		... / ... 05/11/2023
	Wgt: 280.0 lbs	**Truss Label:** A09	



Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.91 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.191	G	999	240	Max TC CSI:	0.930
VERT(CL): 0.271	G	999	240	Max BC CSI:	0.933
HORZ(LL): 0.119	N	-	-	Max Web CSI:	0.931
HORZ(TL): 0.168	N	-	-	Creep Factor: 2.0	

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF 1650f-1.5E;
T2 2x4 SPF 2100f-1.8E; T3 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2; B2 2x4 SPF 1650f-1.5E;
Webs: 2x4 SPF #1/#2; W2 2x4 SPF 2100f-1.8E;

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.
Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on gable roof types.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
U	3112	/-	/-	/1020	/49	/249
N	3112	/-	/-	/1020	/49	/-

Wind reactions based on MWFRS
U Brg Wid = 5.5 Min Req = 4.9 (Truss)
N Brg Wid = 5.5 Min Req = 4.9 (Truss)
Bearings U & N are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	126	0	G - H	352	-2416
B - C	113	-172	H - I	359	-3039
C - D	307	-3612	I - J	319	-3144
D - E	319	-3144	J - K	307	-3612
E - F	359	-3039	K - L	113	-172
F - G	352	-2416	L - M	126	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
U - T	2584	-129	Q - P	2928	-106
T - S	2928	-105	P - O	2928	-106
S - R	2928	-105	O - N	2584	-134
R - Q	2448	-17			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - U	159	-501	G - Q	109	-120
U - C	203	-3612	Q - H	829	-36
C - T	447	0	Q - J	129	-685
T - D	195	-23	J - O	195	-23
D - R	129	-685	O - K	447	0
F - R	829	-36	K - N	202	-3612
R - G	109	-120	L - N	159	-501

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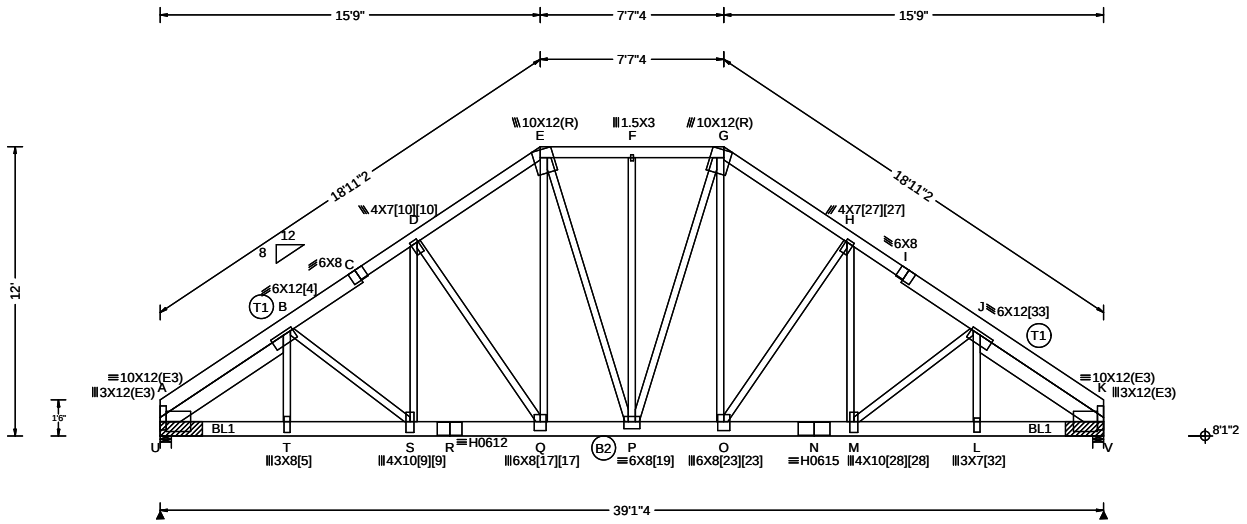
SEQN: 1592 / T8 / COMN FROM: Page 1 of 2	Ply: 4 Qty: 1 Wgt: 1792.0 lbs	**Job Number:** RB22034 **Truss Label:** A10	DRW: ... / ... 05/11/2023



Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 0.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.91 ft
Loc. from endwall: not in 4.50 ft
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE, HS

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.289	Q	999	240	Max TC CSI:	0.683
VERT(CL): 0.424	Q	999	240	Max BC CSI:	0.640
HORZ(LL): 0.119	K	-	-	Max Web CSI:	0.984
HORZ(TL): 0.174	K	-	-	Creep Factor: 2.0	

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x6 SPF #1/#2; T1 2x8 SPF #1/#2;
Bot chord: 2x8 SPF 2400f-2.0E;
B2 2x8 SPF 1950f-1.7E;
Webs: 2x4 SPF #1/#2;
Lt Slider: 2x8 SPF #1/#2; block length = 6.229'
Rt Slider: 2x8 SPF #1/#2; block length = 6.229'

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

Additional Notes
* WARNING* A reaction exceeds 20000 lbs.

Nailnote
Nail Schedule:0.128"x3", min. nails
Top Chord: 1 Row @12.00" o.c.
Bot Chord: 3 Rows @ 3.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Repeat nailing as each layer is applied. Use equal spacing between rows and stagger nails in each row to avoid splitting.
In addition apply (1) 1/2" bolt or 0.22"-0.25" min/max dia. X 6.0" length wood screw at each joint location.

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

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

TC: From	108 plf at	0.00 to	108 plf at	39.10	
BC: From	10 plf at	0.00 to	10 plf at	39.10	
PLB: From	20 plf at	10.65 to	20 plf at	13.17	
PLB: From	20 plf at	16.04 to	20 plf at	18.18	
PLB: From	20 plf at	20.93 to	20 plf at	23.06	
PLB: From	20 plf at	25.93 to	20 plf at	28.46	

BC: 2625 lb Conc. Load at 1.10, 3.10, 5.10, 7.10 9.10,11.10,13.10,15.10,17.10,19.10,21.10,23.10 25.10,27.10,29.10,31.10,33.10,35.10,37.10

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
U	27912	/-	/-	/-	/422	/-
V	26769	/-	/-	/-	/409	/-

Wind reactions based on MWFRS
U Brg Wid = 5.5 Min Req = -
V Brg Wid = 5.5 Min Req = -
Bearings U & V are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	145	- 9381	F - G	91	- 6041
B - C	130	- 8393	G - H	110	- 7041
C - D	125	- 8345	H - I	125	- 8336
D - E	110	- 7044	I - J	130	- 8384
E - F	91	- 6041	J - K	145	- 9336

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - T	7442	- 113	P - O	5824	- 88
T - S	7439	- 112	O - N	6861	- 104
S - R	6868	- 104	N - M	6861	- 104
R - Q	6868	- 104	M - L	7401	- 112
Q - P	5827	- 88	L - K	7390	- 112

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - T	1312	- 32	P - G	683	- 10
B - S	10	- 672	G - O	3026	- 35
S - D	2233	- 21	O - H	29	- 1883
D - Q	29	- 1892	H - M	2222	- 20
E - Q	3036	- 35	M - J	10	- 632
E - P	675	- 10	L - J	1265	- 32
F - P	75	- 82			

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SEQN: 1592 / T8 / COMN	Ply: 4	**Job Number:** RB22034	
FROM:	Qty: 1		DRW:
Page 2 of 2	Wgt: 1792.0 lbs	**Truss Label:** A10	... / ... 05/11/2023

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[4]	6X12	5.35 R	1.50	[5]	3X8	S	5.50
[9]	4X10	S	5.50	[10]	4X7	3.50 L	1.50
[17]	6X8	S	4.50	[19]	6X8	S	3.50
[23]	6X8	S	4.50	[27]	4X7	3.50 R	1.50
[28]	4X10	S	5.50	[32]	3X7	S	5.25
[33]	6X12	10.85 R	1.50				

Bearing Block(s)

Brg blocks:0.128"x3", min. nails

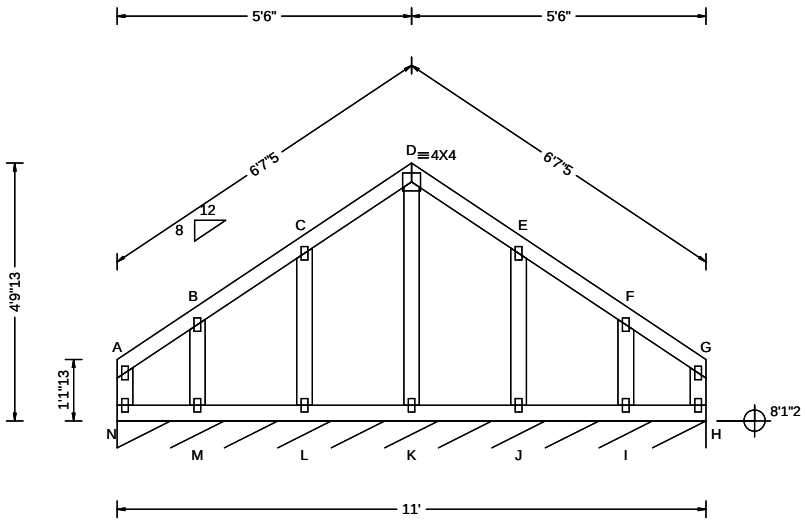
brg	x-loc	#blocks	length/blk	#nails/blk	wall plate
1	0.000'	2	21"	36	Rigid Surface
2	38.646'	2	19"	31	Rigid Surface

Brg block to be same size and species as chord.
Refer to drawing CNNAILSP1014 for more information.

Blocking

Apply additional nailing over the following bearings
with fasteners at 4" oc both perpendicular and
parallel to grain. In lieu of additional nailing,
apply blocking reinforcement to
prevent buckling of members over the bearings:
Bearing 1 located at 0.0' (blocking >= 11.25" if used)
Bearing 2 located at 38.6' (blocking >= 11.25" if used)

SEQN: 1516 / T25 / GABL FROM:	Ply: 1 Qty: 1 Wgt: 60.2 lbs	**Job Number:** RB22034 **Truss Label:** A11	DRW: ... / ... 05/11/2023



▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	Gravity / R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
N*	136	/-	/-	/45	/1	/6

Wind reactions based on MWFRS
N Brg Wid = 132 Min Req = -
Bearing N is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	53	-49	D - E	161	-65
B - C	87	-52	E - F	88	-52
C - D	161	-65	F - G	54	-50

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
N - M	32	-30	K - J	34	-36
M - L	33	-33	J - I	34	-35
L - K	34	-36	I - H	37	-35

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
A - N	28	-65	J - E	136	-267
B - M	93	-203	I - F	93	-203
C - L	136	-267	G - H	28	-65
D - K	0	-211			

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.001	D	999	240	Max TC CSI:	0.087
VERT(CL): 0.002	D	999	240	Max BC CSI:	0.030
HORZ(LL): -0.008	A	-	-	Max Web CSI:	0.070
HORZ(TL): 0.016	A	-	-	Creep Factor:	2.0

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

Bracing
Fasten rated sheathing to one face of this frame.

Plating Notes
All plates are 1.5X3 except as noted.

Loading
Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on gable roof types.

Additional Notes
See DWGS A11515ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

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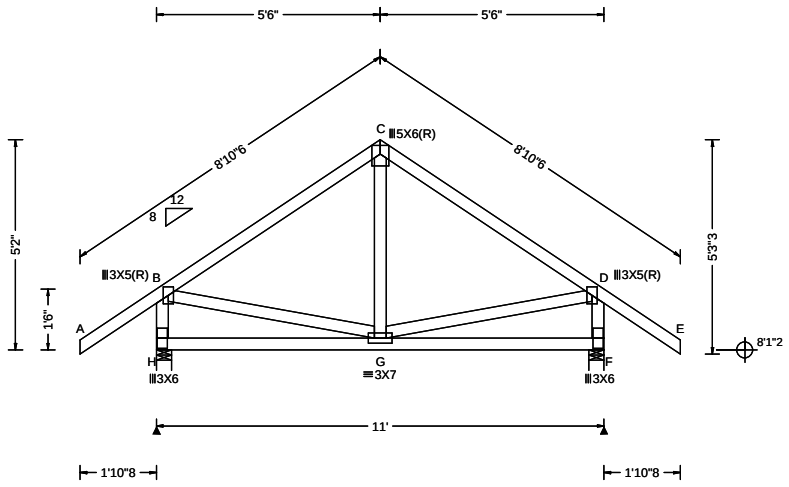
SEQN: 1517 / T4 / COMN FROM:	Ply: 1 Qty: 3 Wgt: 74.2 lbs	**Job Number:** RB22034 **Truss Label:** A12	DRW: ... / ... 05/11/2023



OH LEFT RAKE = 2'3"1

OH RIGHT RAKE = 2'3"1

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#	
VERT(LL): 0.010	C	999	240	Max TC CSI: 0.492
VERT(CL): 0.015	C	999	240	Max BC CSI: 0.225
HORZ(LL): 0.001	D	-	-	Max Web CSI: 0.107
HORZ(TL): 0.002	D	-	-	Creep Factor: 2.0

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber

Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

Loading

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

Wind

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

End verticals not exposed to wind pressure.

Wind loading based on gable roof types.

▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
H	978	/-	/-	/344	/20	/111
F	978	/-	/-	/344	/20	/-

Wind reactions based on MWFRS
H Brg Wid = 4.5 Min Req = 1.5 (Truss)
F Brg Wid = 4.5 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	126	0	C - D	155	- 717
B - C	155	- 717	D - E	126	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
H - G	121	- 113	G - F	24	- 9

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - H	252	- 933	G - D	438	- 8
B - G	438	- 7	D - F	252	- 933
C - G	173	- 54			

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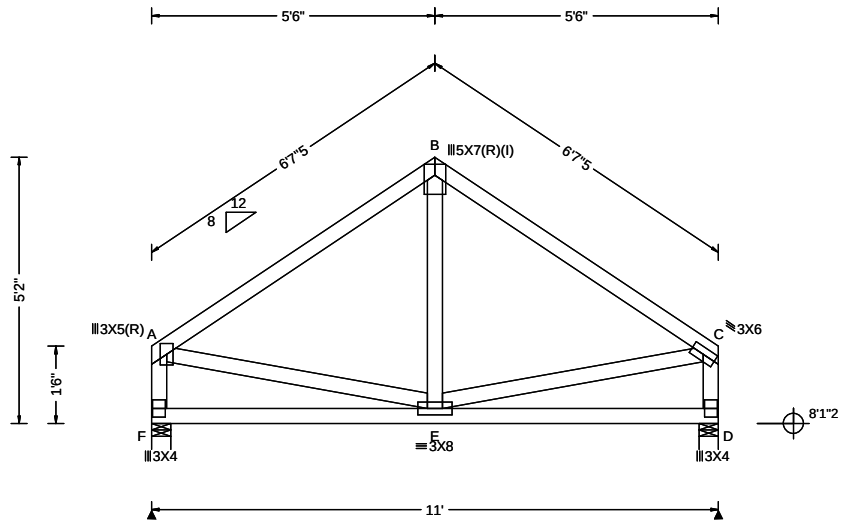
SEQN: 1518 / T26 / COMN FROM:	Ply: 1 Qty: 1 Wgt: 65.8 lbs	**Job Number:** RB22034 **Truss Label:** A13	DRW: ... / ... 05/11/2023



▲Maximum Reactions (lbs)

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
F	750	/-	/-	/254	/6	/67
D	750	/-	/-	/254	/6	/-

Wind reactions based on MWFRS
F Brg Wid = 4.5 Min Req = 1.5 (Truss)
D Brg Wid = 4.5 Min Req = 1.5 (Truss)
Bearings F & D are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	91	-762	B - C	91	-762

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
F - E	92	-71	E - D	54	-12

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
A - F	86	-705	E - C	468	0
A - E	468	0	C - D	86	-705
B - E	170	-66			

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
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: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.010	B	999	240	Max TC CSI:	0.636
VERT(CL): 0.015	B	999	240	Max BC CSI:	0.226
HORZ(LL): 0.001	C	-	-	Max Web CSI:	0.118
HORZ(TL): 0.002	C	-	-	Creep Factor: 2.0	

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

Plating Notes
(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 bottom chord live load applied per IBC-15 section 1607.

Wind
Wind loads based on MWFRS with additional C&C member design.
End verticals not exposed to wind pressure.
Wind loading based on gable roof types.

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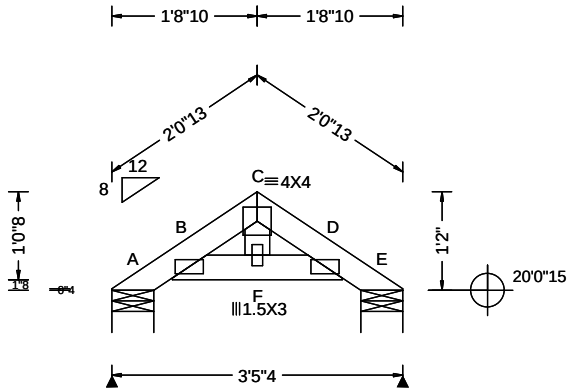
SEQN: 1519 / T5 / GABL FROM:	Ply: 1 Qty: 2 Wgt: 14.0 lbs	**Job Number:** RB22034 **Truss Label:** PB1	DRW: ... / ... 05/11/2023



OH LEFT RAKE = 3"2

OH RIGHT RAKE = 3"2

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	207	/-	/-	/86	/11	/21
E	207	/-	/-	/86	/11	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	18	- 82	C - D	18	- 136
B - C	18	- 136	D - E	18	- 82

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	107	0	F - D	107	0

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.
C - F	11	- 34

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 2.0 psf EXP: C
Mean Height: 20.67 ft Kzt: NA
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.002	C	999	240	Max TC CSI:	0.055
VERT(CL): 0.003	C	999	240	Max BC CSI:	0.032
HORZ(LL): 0.001	D	-	-	Max Web CSI:	0.004
HORZ(TL): 0.002	D	-	-	Creep Factor: 2.0	

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

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

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

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

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

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

Wind loading based on gable roof types.

Additional Notes
See DWGS A11530ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

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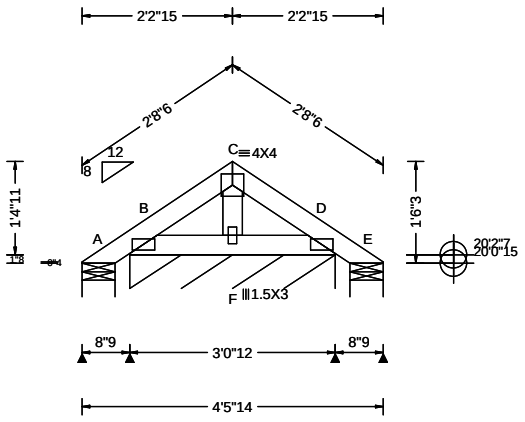
SEQN: 1520 / T33 / COMN FROM:	Ply: 1 Qty: 54 Wgt: 15.4 lbs	**Job Number:** RB22034 **Truss Label:** PB2	DRW: ... / ... 05/11/2023



OH LEFT RAKE = 3"2

OH RIGHT RAKE = 3"2

▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
A	21	/-	/-	/17	/13	/26
B*	160	/-	/-	/55	/3	/-
E	21	/-	/-	/5	/3	/-

Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 36.7 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	34	- 31	C - D	42	- 80
B - C	42	- 80	D - E	20	- 11

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	32	- 4	F - D	32	- 4

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.
C - F	4	- 88

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 20.85 ft Kzt: NA
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: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.000	D	999	240	Max TC CSI:	0.033
VERT(CL): 0.000	D	999	240	Max BC CSI:	0.022
HORZ(LL): 0.000	B	-	-	Max Web CSI:	0.010
HORZ(TL): 0.000	B	-	-	Creep Factor:	2.0

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

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

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

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

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

Wind loading based on gable roof types.

Additional Notes
See DWGS A11530ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

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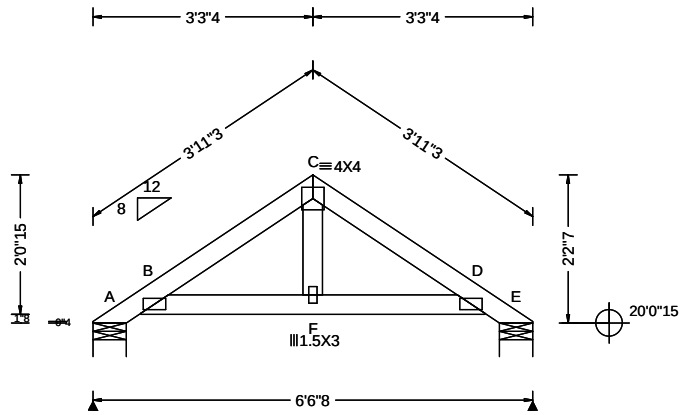
SEQN: 1521 / T29 / GABL FROM:	Ply: 1 Qty: 1 Wgt: 22.4 lbs	**Job Number:** RB22034 **Truss Label:** PB3	DRW: ... / ... 05/11/2023



OH LEFT RAKE = 3"2

OH RIGHT RAKE = 3"2

▲Maximum Reactions (lbs)

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
A	394	/-	/-	/160	/23	/41
E	394	/-	/-	/160	/23	/-

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	30	-185	C - D	49	-403
B - C	49	-403	D - E	30	-185

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	303	-1	F - D	303	-1

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.
C - F	50	-25

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 2.0 psf EXP: C
Mean Height: 21.19 ft Kzt: NA
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.014	C	999	240	Max TC CSI:	0.253
VERT(CL): 0.019	C	999	240	Max BC CSI:	0.083
HORZ(LL): 0.009	D	-	-	Max Web CSI:	0.010
HORZ(TL): 0.011	D	-	-	Creep Factor:	2.0

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

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

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

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

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

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

Wind loading based on gable roof types.

Additional Notes
See DWGS A11530ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

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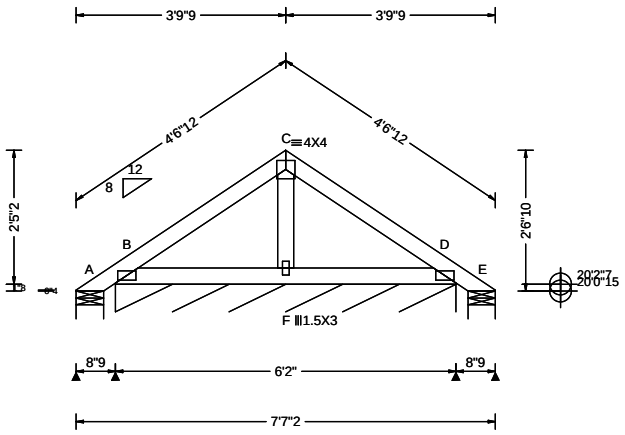
SEQN: 1522 / T7 / COMN FROM:	Ply: 1 Qty: 3 Wgt: 26.6 lbs	**Job Number:** RB22034 **Truss Label:** PB4	DRW: ... / ... 05/11/2023



OH LEFT RAKE = 3"2

OH RIGHT RAKE = 3"2

▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
A	-	/-74	/-	/34	/56	/46
B*	177	/-	/-	/59	/15	/-
E	-	/-74	/-	/17	/31	/-

Wind reactions based on MWFRS
A Brg Wid = 5.9 Min Req = 1.5 (Truss)
B Brg Wid = 74.0 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	75	- 57	C - D	101	- 212
B - C	110	- 212	D - E	72	- 30

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	92	- 2	F - D	92	- 2

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.
C - F	12	- 153

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 21.36 ft Kzt: NA
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.001	D	999	240	Max TC CSI:	0.164
VERT(CL): 0.002	D	999	240	Max BC CSI:	0.089
HORZ(LL): -0.001	D	-	-	Max Web CSI:	0.020
HORZ(TL): 0.002	D	-	-	Creep Factor:	2.0

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

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

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

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

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

Wind loading based on gable roof types.

Additional Notes
See DWGS A11530ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

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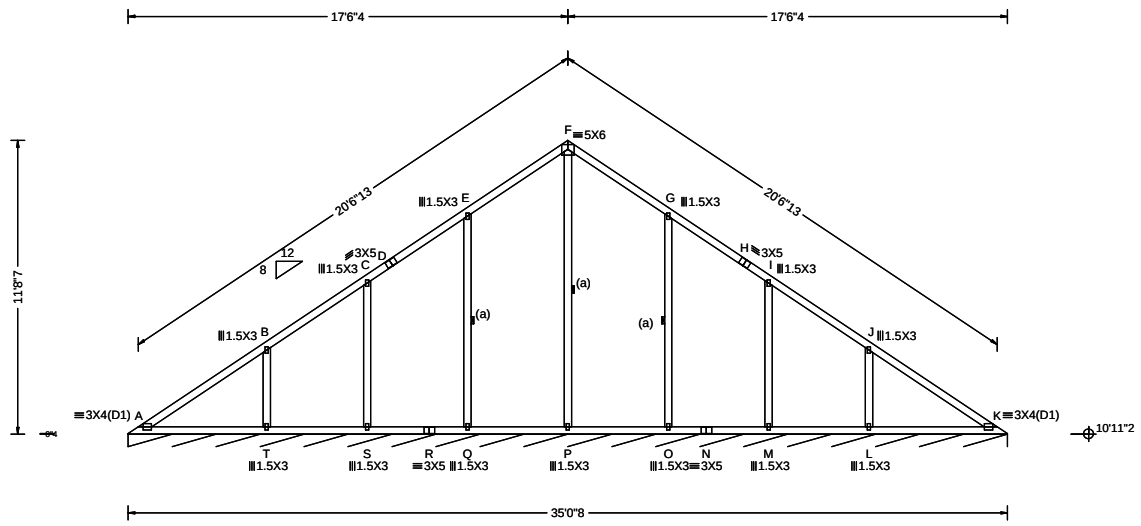
SEQN: 1523 / T23 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 184.8 lbs	**Job Number:** RB22034 **Truss Label:** V01	DRW: ... / ... 05/11/2023



Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria**	Building Code:	**Defl/CSI Criteria**
TCLL: 42.00	Wind Std: ASCE 7-16 Speed: 106 mph	(Pg,Pf in PSF)	IBC 2015 Res	PP Deflection in loc L/defl L/#
TCDL: 10.00	Enclosure: Closed Risk Category: II	Pg: 60.0 Ct: 1.1	TPI Std: 2014	VERT(LL): 0.035 K 999 240 Max TC CSI: 0.452
BCLL: 0.00	TCDL: 5.0 psf BCDL: 5.0 psf EXP: C	Pf: 46.2	Rep Fac: Yes	VERT(CL): 0.051 K 999 240 Max BC CSI: 0.283
BCDL: 10.00	Mean Height: 16.92 ft Kzt: NA	CAT: II Ce: 1.0	FT/RT:20(0)/10(0)	HORZ(LL): -0.015 K - - Max Web CSI: 0.308
Des Ld: 62.00	MWFRS Parallel Dist: h/2 to h	Lu: - Cs: 1.00	Plate Type:	HORZ(TL): 0.021 K - - Creep Factor: 2.0
NCBCLL: 10.00 Soffit: 2.00	C&C Dist a: 3.50 ft	Snow Duration: 1.15	WAVE	Mfg Specified Camber:
Load Duration: 1.15	Loc. from endwall: not in 9.00 ft GCpi: 0.18			
Spacing: 24.0 "	Wind Duration: 1.33			VIEW Ver: 22.02.02B.0309.19

Lumber

Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

Bracing

(a) Continuous lateral restraint equally spaced on member.

Loading

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

Wind

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

Wind loading based on gable roof types.

▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
K*	136	/-	/-	/45	/2	/6

Wind reactions based on MWFRS
K Brg Wid = 420 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	273	-148	F - G	229	- 35
B - C	223	- 87	G - H	259	- 21
C - D	108	- 51	H - I	85	- 28
D - E	259	- 44	I - J	223	- 64
E - F	229	- 35	J - K	273	-125

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - T	142	-153	P - O	125	-142
T - S	143	-158	O - N	124	-141
S - R	144	-160	N - M	124	-141
R - Q	125	-142	M - L	123	-139
Q - P	125	-142	L - K	122	-134

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - T	109	-577	O - G	110	-537
C - S	89	-410	M - I	89	-410
E - Q	110	-537	L - J	109	-577
F - P	0	-514			

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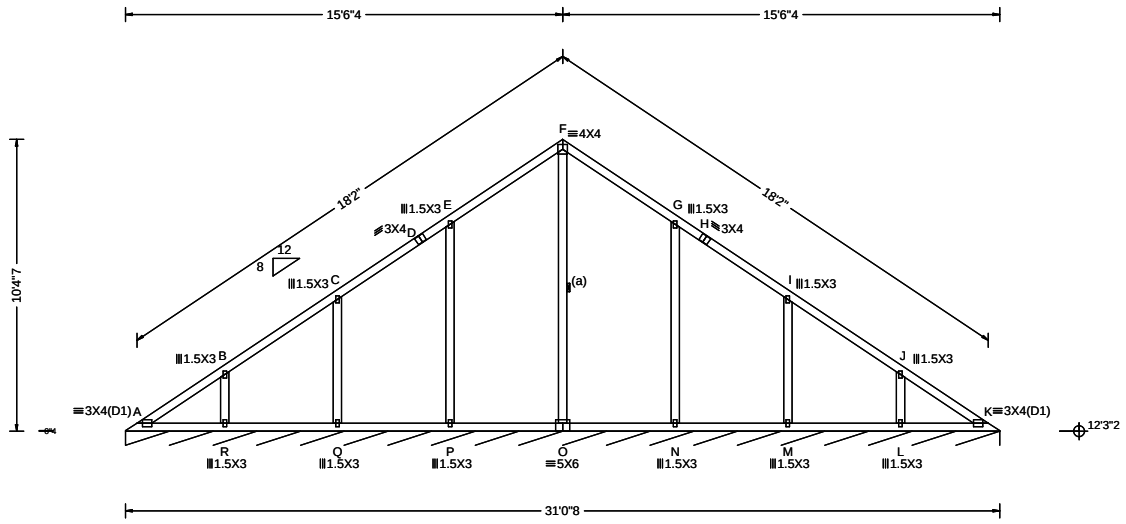
SEQN: 1524 / T22 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 154.0 lbs	**Job Number:** RB22034 **Truss Label:** V02	DRW: ... / ... 05/11/2023



Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 17.59 ft Kzt: NA
MWFRS Parallel Dist: h/2 to h
C&C Dist a: 3.10 ft
Loc. from endwall: not in 9.00 ft
GCpi: 0.18
Wind Duration: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#	
VERT(LL): 0.008	K	999	240	Max TC CSI: 0.370
VERT(CL): 0.011	K	999	240	Max BC CSI: 0.116
HORZ(LL): -0.002	K	-	-	Max Web CSI: 0.517
HORZ(TL): 0.004	G	-	-	Creep Factor: 2.0

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

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

Loading
Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

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

▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	Gravity / R-	Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
K*	136	/-	/-	/44	/1	/6

Wind reactions based on MWFRS
K Brg Wid = 372 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	125	-139	F - G	162	-163
B - C	109	-149	G - H	125	-39
C - D	83	-134	H - I	83	-134
D - E	125	-39	I - J	109	-149
E - F	162	-163	J - K	125	-139

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - R	124	-93	O - N	126	-101
R - Q	124	-97	N - M	125	-100
Q - P	125	-100	M - L	124	-97
P - O	126	-101	L - K	124	-93

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - R	84	-438	N - G	110	-527
C - Q	96	-449	M - I	96	-449
E - P	110	-527	L - J	84	-438
F - O	0	-374			

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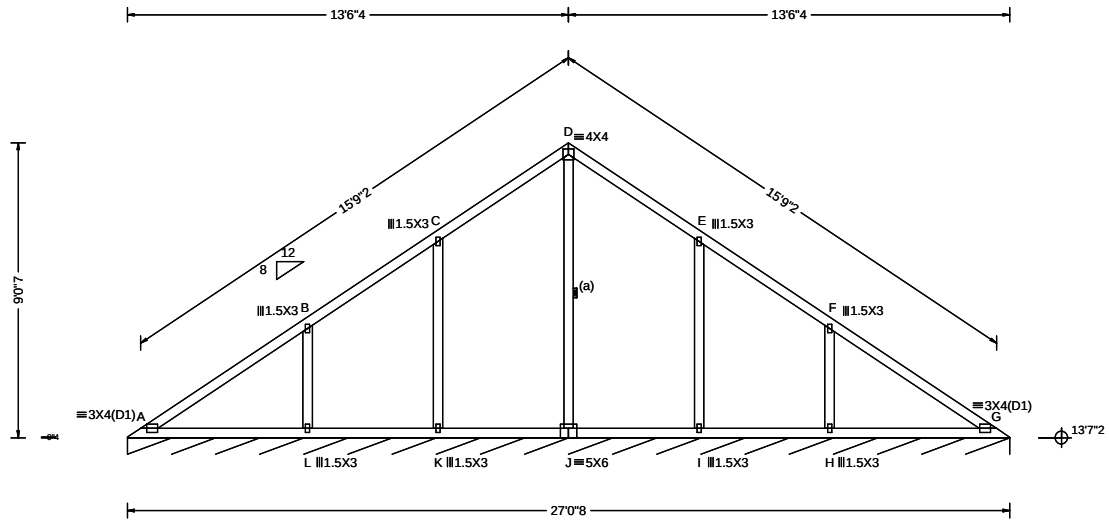
SEQN: 1525 / T21 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 126.0 lbs	**Job Number:** RB22034 **Truss Label:** V03	DRW: ... / ... 05/11/2023



▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	Gravity / R-	/ Rh	Non-Gravity / Rw	/ U	/ RL
G*	136	/-	/-	/44	/1	/6

Wind reactions based on MWFRS
G Brg Wid = 324 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	325	- 92	D - E	281	- 1
B - C	286	- 31	E - F	286	- 31
C - D	281	- 1	F - G	325	- 92

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - L	95	- 130	J - I	98	- 144
L - K	97	- 138	I - H	97	- 138
K - J	98	- 144	H - G	95	- 130

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - L	109	- 556	I - E	107	- 494
C - K	107	- 494	H - F	109	- 556
D - J	0	- 581			

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 18.26 ft Kzt: NA
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: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.035	G	999	240	Max TC CSI:	0.513
VERT(CL): 0.051	G	999	240	Max BC CSI:	0.282
HORZ(LL): -0.014	G	-	-	Max Web CSI:	0.326
HORZ(TL): 0.021	G	-	-	Creep Factor: 2.0	

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

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

Loading
Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

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

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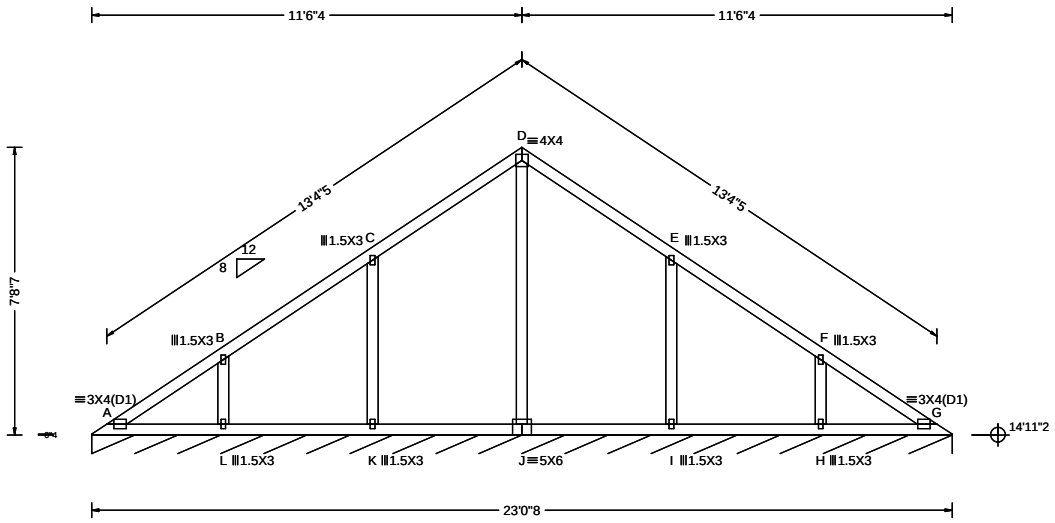
SEQN: 1526 / T20 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 103.6 lbs	**Job Number:** RB22034 **Truss Label:** V04	DRW: ... / ... 05/11/2023



▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
G*	136	/-	/-	/44	/1	/6

Wind reactions based on MWFRS
G Brg Wid = 276 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	100	- 95	D - E	118	- 146
B - C	141	- 117	E - F	141	- 117
C - D	118	- 146	F - G	100	- 95

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - L	88	- 71	J - I	91	- 80
L - K	90	- 77	I - H	90	- 77
K - J	91	- 80	H - G	88	- 71

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - L	82	- 414	I - E	115	- 532
C - K	115	- 532	H - F	82	- 414
D - J	0	- 391			

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 18.92 ft Kzt: NA
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: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#	
VERT(LL): 0.008	G	999	240	Max TC CSI: 0.354
VERT(CL): 0.012	G	999	240	Max BC CSI: 0.116
HORZ(LL): -0.003	G	-	-	Max Web CSI: 0.374
HORZ(TL): 0.004	G	-	-	Creep Factor: 2.0

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

Loading
Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

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

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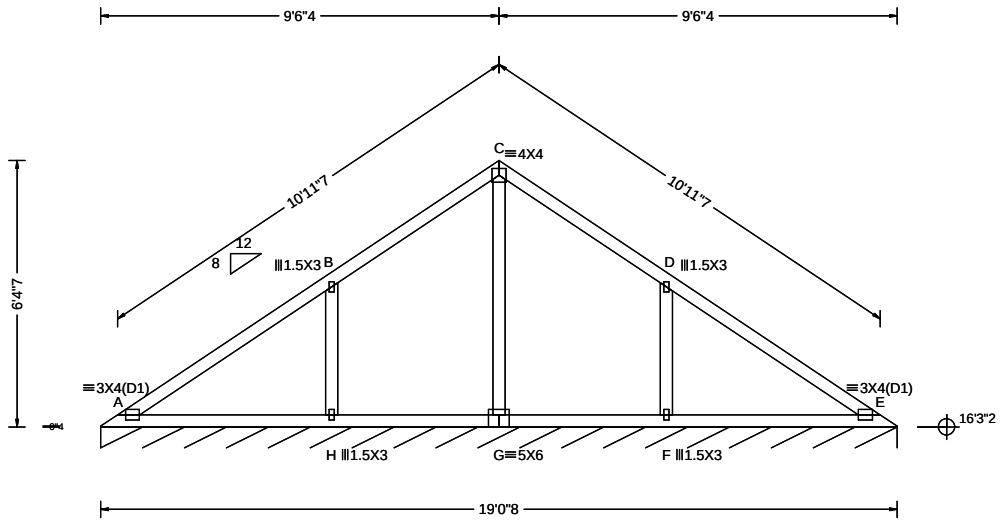
SEQN: 1527 / T19 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 81.2 lbs	**Job Number:** RB22034 **Truss Label:** V05	DRW: ... / ... 05/11/2023



Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 19.59 ft Kzt: NA
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: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#	
VERT(LL): 0.031	E	999	240	Max TC CSI: 0.579
VERT(CL): 0.046	E	999	240	Max BC CSI: 0.251
HORZ(LL): -0.013	E	-	-	Max Web CSI: 0.390
HORZ(TL): 0.019	E	-	-	Creep Factor: 2.0

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

Loading
Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

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

▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
E*	136	/-	/-	/44	/1	/6

Wind reactions based on MWFRS
E Brg Wid = 228 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	407	-51	C - D	338	0
B - C	338	0	D - E	407	-51

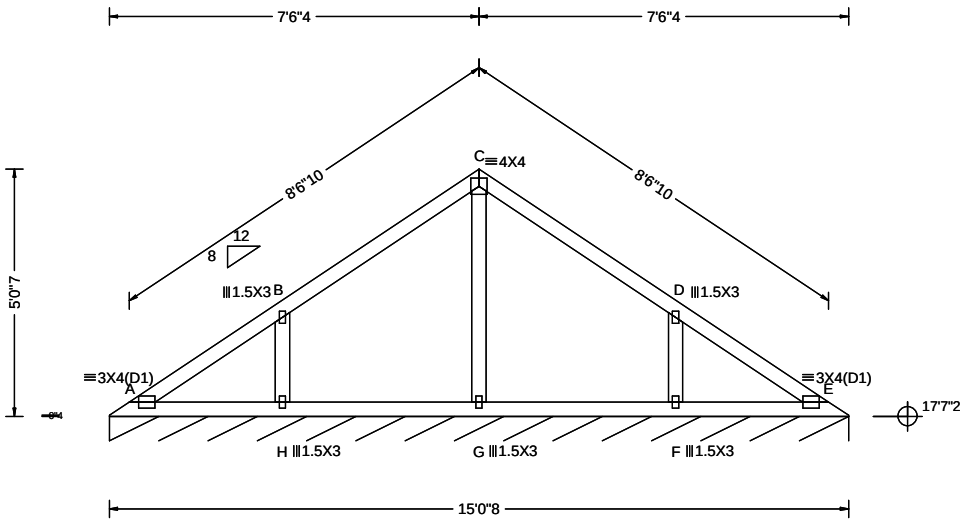
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - H	72	-188	G - F	75	-203
H - G	75	-203	F - E	72	-188

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - H	127	-623	F - D	127	-623
C - G	0	-609			

SEQN: 1528 / T18 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 63.0 lbs	**Job Number:** RB22034 **Truss Label:** V06	DRW: ... / ... 05/11/2023



▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
E*	136	/-	/-	/43	/-	/6

Wind reactions based on MWFRS
E Brg Wid = 180 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	126	-41	C - D	126	-138
B - C	126	-138	D - E	126	-69

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - H	43	-36	G - F	48	-43
H - G	48	-43	F - E	43	-41

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
B - H	126	-507	F - D	126	-507
C - G	0	-404			

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 20.26 ft Kzt: NA
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: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.006	E	999	240	Max TC CSI:	0.426
VERT(CL): 0.009	E	999	240	Max BC CSI:	0.102
HORZ(LL): -0.003	E	-	-	Max Web CSI:	0.159
HORZ(TL): 0.004	E	-	-	Creep Factor:	2.0

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber
Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

Loading
Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

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

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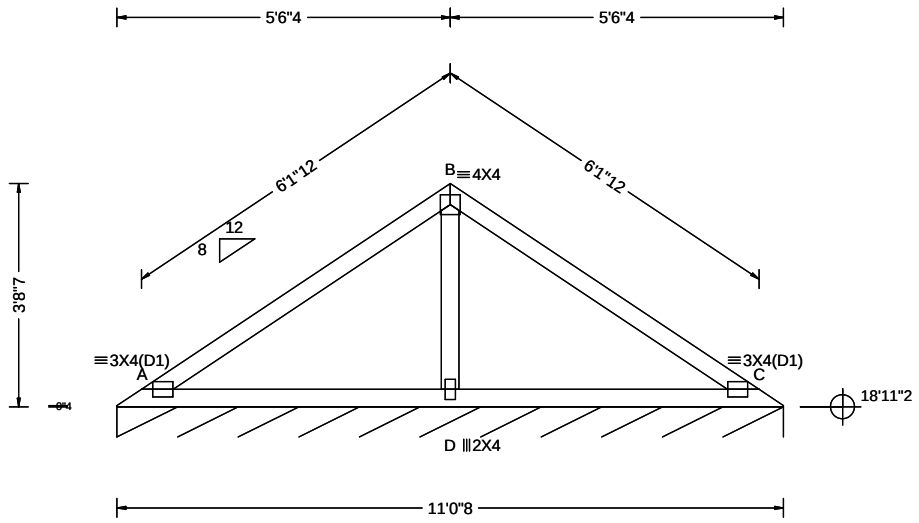
SEQN: 1529 / T17 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 42.0 lbs	**Job Number:** RB22034 **Truss Label:** V07	DRW: ... / ... 05/11/2023



▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	136	/-	/-	/43	/-	/6

Wind reactions based on MWFRS
C Brg Wid = 132 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	692	-115	B - C	692	-115

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - D	152	-459	D - C	152	-459

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	210	-1116

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 20.92 ft Kzt: NA
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: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.039	C	999	240	Max TC CSI:	0.717
VERT(CL): 0.057	C	999	240	Max BC CSI:	0.403
HORZ(LL): -0.020	C	-	-	Max Web CSI:	0.246
HORZ(TL): 0.029	C	-	-	Creep Factor: 2.0	

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber

Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

Loading

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

Wind

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

Wind loading based on gable roof types.

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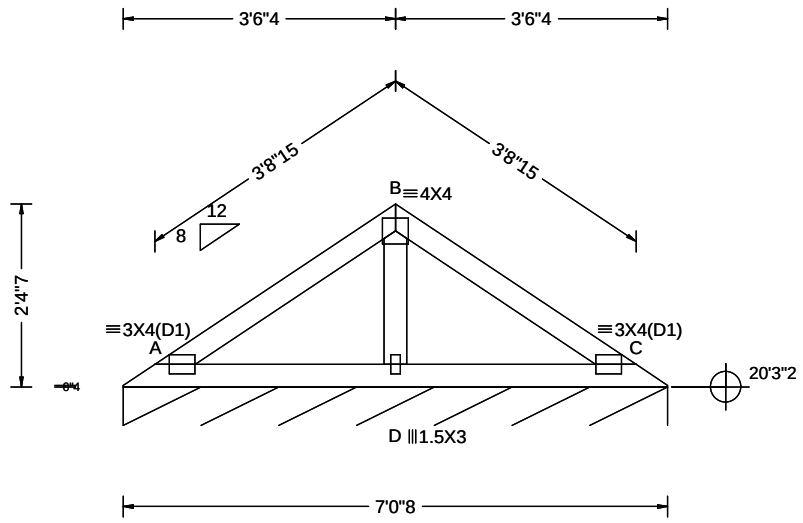
SEQN: 1530 / T16 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 25.2 lbs	**Job Number:** RB22034 **Truss Label:** V08	DRW: ... / ... 05/11/2023



▲Maximum Reactions (lbs), or *=PLF

Loc	Gravity R+	Gravity / R-	Non-Gravity / Rh	Non-Gravity / Rw	Non-Gravity / U	Non-Gravity / RL
C*	136	/-	/-	/42	/-	/5

Wind reactions based on MWFRS
C Brg Wid = 84.5 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	300	-53	B - C	300	-53

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - D	90	-179	D - C	90	-179

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	137	-544

Loading Criteria (psf)	**Wind Criteria**	**Snow Criteria**	Building Code:	**Defl/CSI Criteria**
TCLL: 42.00	Wind Std: ASCE 7-16 Speed: 106 mph	(Pg,Pf in PSF)	IBC 2015 Res	PP Deflection in loc L/defl L/#
TCDL: 10.00	Enclosure: Closed Risk Category: II	Pg: 60.0 Ct: 1.1	TPI Std: 2014	VERT(LL): 0.010 C 999 240 Max TC CSI: 0.250
BCLL: 0.00	TCDL: 5.0 psf BCDL: 5.0 psf EXP: C	Pf: 46.2	Rep Fac: Yes	VERT(CL): 0.014 C 999 240 Max BC CSI: 0.151
BCDL: 10.00	Mean Height: 21.59 ft Kzt: NA	CAT: II Ce: 1.0	FT/RT:20(0)/10(0)	HORZ(LL): -0.005 C - - Max Web CSI: 0.077
Des Ld: 62.00	MWFRS Parallel Dist: h to 2h	Lu: - Cs: 1.00	Plate Type:	HORZ(TL): 0.007 C - - Creep Factor: 2.0
NCBCLL: 10.00 Soffit: 2.00	C&C Dist a: 3.00 ft	Snow Duration: 1.15	WAVE	Mfg Specified Camber:
Load Duration: 1.15	Loc. from endwall: not in 9.00 ft			
Spacing: 24.0 "	GCpi: 0.18			VIEW Ver: 22.02.02B.0309.19
	Wind Duration: 1.33			

Lumber

Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

Loading

Bottom chord checked for 10.00 psf non-concurrent
bottom chord live load applied per IBC-15 section 1607.

Wind

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

Wind loading based on gable roof types.

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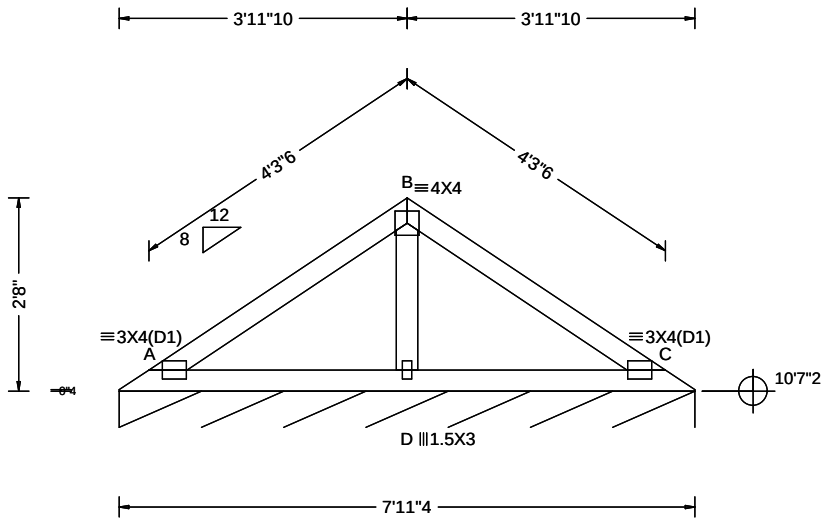
SEQN: 1531 / T15 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 29.4 lbs	**Job Number:** RB22034 **Truss Label:** V09	DRW: ... / ... 05/11/2023



▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	136	/-	/-	/42	/-	/5

Wind reactions based on MWFRS
C Brg Wid = 95.2 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	373	- 60	B - C	373	- 60

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - D	96	- 230	D - C	96	- 230

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	138	- 657

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
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: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.014	A	999	240	Max TC CSI:	0.333
VERT(CL): 0.021	A	999	240	Max BC CSI:	0.197
HORZ(LL): -0.007	C	-	-	Max Web CSI:	0.099
HORZ(TL): 0.011	C	-	-	Creep Factor:	2.0

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber

Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

Loading

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

Wind

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

Wind loading based on gable roof types.

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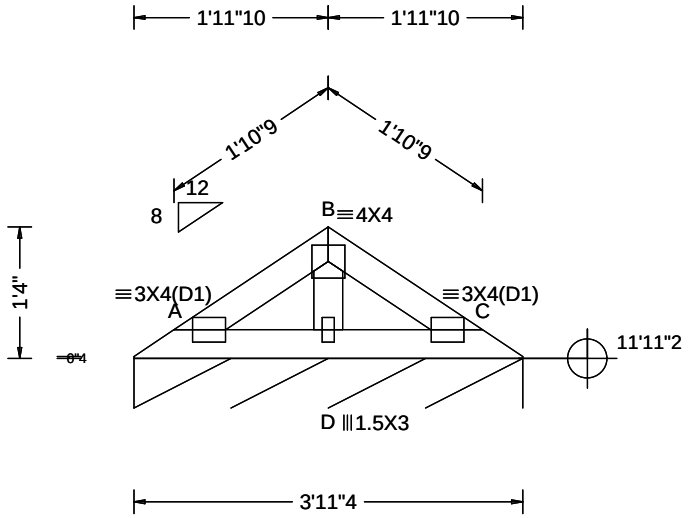
SEQN: 1532 / T14 / VAL FROM:	Ply: 1 Qty: 1 Wgt: 12.6 lbs	**Job Number:** RB22034 **Truss Label:** V10	DRW: ... / ... 05/11/2023



▲Maximum Reactions (lbs), or *=PLF

	Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U	/ RL
C*	136	/-	/-	/40	/-	/4

Wind reactions based on MWFRS
C Brg Wid = 47.2 Min Req = -
Bearing A is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	105	- 7	B - C	105	- 7

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - D	31	- 52	D - C	31	- 52

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
B - D	48	- 221

Loading Criteria (psf)
TCLL: 42.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 62.00
NCBCLL: 10.00 Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16 Speed: 106 mph
Enclosure: Closed Risk Category: II
TCDL: 5.0 psf BCDL: 5.0 psf EXP: C
Mean Height: 15.00 ft Kzt: NA
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: 1.33

Snow Criteria
(Pg,Pf in PSF)
Pg: 60.0 Ct: 1.1
Pf: 46.2
CAT: II Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IBC 2015 Res
TPI Std: 2014
Rep Fac: Yes
FT/RT:20(0)/10(0)
Plate Type:
WAVE

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/#		
VERT(LL): 0.002	A	999	240	Max TC CSI:	0.060
VERT(CL): 0.002	A	999	240	Max BC CSI:	0.041
HORZ(LL): -0.001	C	-	-	Max Web CSI:	0.028
HORZ(TL): 0.001	C	-	-	Creep Factor: 2.0	

Mfg Specified Camber:

VIEW Ver: 22.02.02B.0309.19

Lumber

Top chord: 2x4 SPF #1/#2;
Bot chord: 2x4 SPF #1/#2;
Webs: 2x4 SPF #1/#2;

Loading

Bottom chord checked for 10.00 psf non-concurrent bottom chord live load applied per IBC-15 section 1607.

Wind

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

Wind loading based on gable roof types.

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