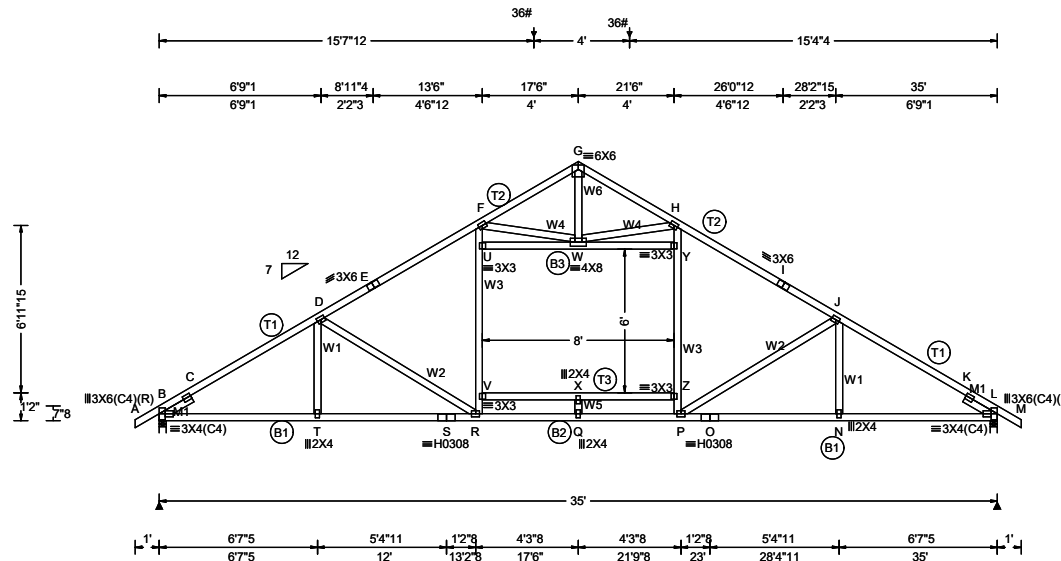


SEQN: 2184 / T31 / COMM
FROM: Ply: 1 Qty: 5
Wgt: 220.9 lbs

Job Number: Q2410-342
The Farm at Neills Creek

DRW: ... / ...
11/06/2024

Truss Label: **A1P**



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00
Load Duration:	1.15
Spacing:	24.0 "

Wind Criteria

Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 23.92 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.50 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg, Pf in PSF)

Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IRC 2021
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in loc L/defl L/#
VERT(LL): 0.254 X 999 240
VERT(CL): 0.582 Y 715 180
HORZ(LL): 0.154 Q - -
HORZ(TL): 0.384 Q - -
Creep Factor: 2.0
Max TC CSI: 0.855
Max BC CSI: 0.647
Max Web CSI: 0.825
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs)

Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
B	1718	-	-	/853	/93	/193
L	1719	-	-	/853	/93	-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 2.0 (Truss)
L Brg Wid = 3.5 Min Req = 2.0 (Truss)
Bearings B & L are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	28 0	G - H	144 -812
B - C	366 -2651	H - I	250 -2153
C - D	234 -2602	I - J	223 -2225
D - E	224 -2225	J - K	234 -2603
E - F	250 -2153	K - L	366 -2652
F - G	144 -812	L - M	28 0

Lumber
Top chord: 2x4 SP #2;
Bot chord: 2x4 SP SS; B3 2x4 SP #2;
Webs: 2x4 SP #3; W3 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.500'
Rt Slider: 2x4 SP #3; block length = 1.500'

Special Loads

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

TC:	From 63 plf at -1.00 to 63 plf at 36.00
BC:	From 5 plf at -1.00 to 5 plf at 0.00
BC:	From 20 plf at 0.00 to 20 plf at 35.00
BC:	From 5 plf at 35.00 to 5 plf at 36.00
PLB:	From 40 plf at 13.50 to 40 plf at 21.50
PLT:	36 lb Conc. Load at (15.65,19.57), (19.65,19.57)

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.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - T	2169 -113	Q - P	1781 -9
T - S	2166 -113	P - O	2168 -115
S - R	2166 -113	O - N	2168 -115
R - Q	1781 -9	N - L	2170 -115

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
T - D	224 0	W - H	184 -1240
D - R	125 -499	W - Y	236 -290
R - V	490 0	X - Z	39 -169
U - V	599 0	X - Z	38 -2
U - F	600 0	H - Y	602 0
U - W	233 -293	Y - Z	601 0
V - X	38 -2	Z - P	489 0
F - W	184 -1237	P - J	125 -500
G - W	554 -86	J - N	224 0

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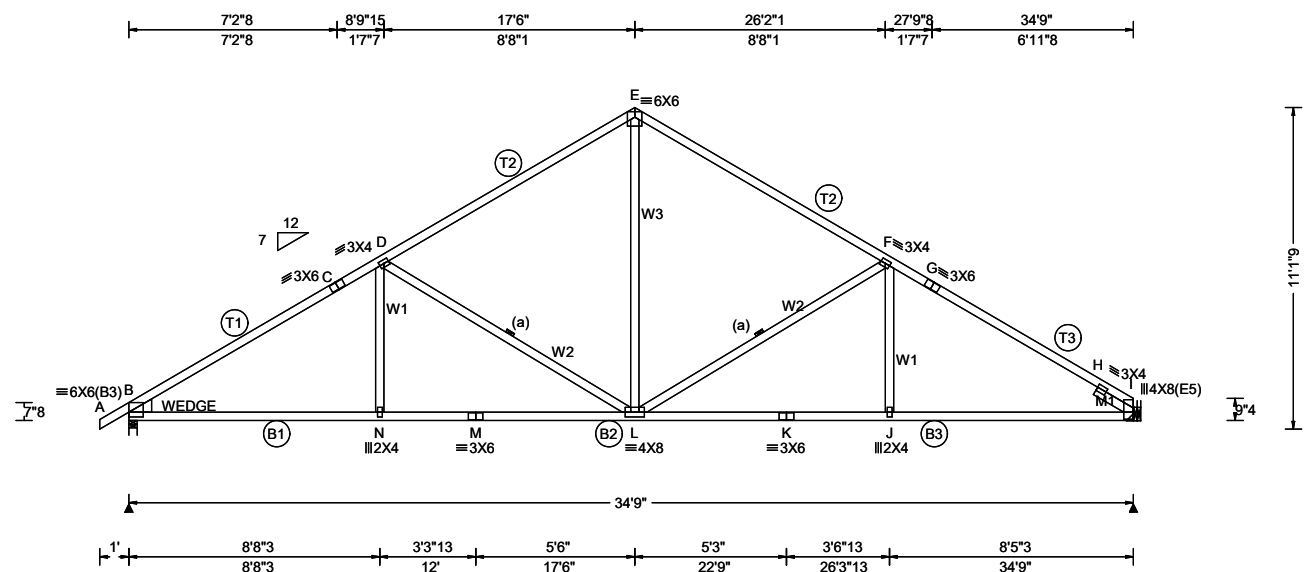


SEQN: 2155 / T28 / COMM
FROM: Ply: 1 Qty: 3
Wgt: 179.2 lbs

Job Number: Q2410-342
The Farm at Neills Creek

DRW: ... / ...
11/06/2024

Truss Label: **A1**



Loading Criteria (psf)

TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 23.92 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.47 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg, Pf in PSF)

Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IRC 2021
TPI Std: 2014
Rep Fac: Yes
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in loc L/defl L/#
VERT(LL): 0.100 N 999 240
VERT(CL): 0.207 N 999 180
HORZ(LL): 0.053 I - -
HORZ(TL): 0.110 I - -
Creep Factor: 2.0
Max TC CSI: 0.915
Max BC CSI: 0.853
Max Web CSI: 0.387
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs)

Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
B	1514	-	-	/850	/97	/185
I	1444	-	-	/800	/83	-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.8 (Truss)
I Brg Wid = - Min Req = -
Bearing B is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens. Comp.		Chords	Tens. Comp.	
A - B	34	0	E - F	253	-1576
B - C	227	-2263	F - G	234	-2021
C - D	236	-2033	G - H	226	-2208
D - E	254	-1576	H - I	406	-2501

Lumber
Top chord: 2x4 SP SS; T1 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3;
Rt Slider: 2x4 SP #3; block length = 1.500'
Lt Wedge: 2x6 SP #2;

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

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

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 Bot Chord Forces Per Ply (lbs)

Chords	Tens. Comp.		Chords	Tens. Comp.	
B - N	1835	-119	L - K	1812	-117
N - M	1833	-120	K - J	1812	-117
M - L	1833	-120	J - I	1815	-116

Maximum Web Forces Per Ply (lbs)

Webs	Tens. Comp.		Webs	Tens. Comp.	
N - D	347	0	L - F	164	-673
D - L	168	-698	F - J	341	0
E - L	904	-86			

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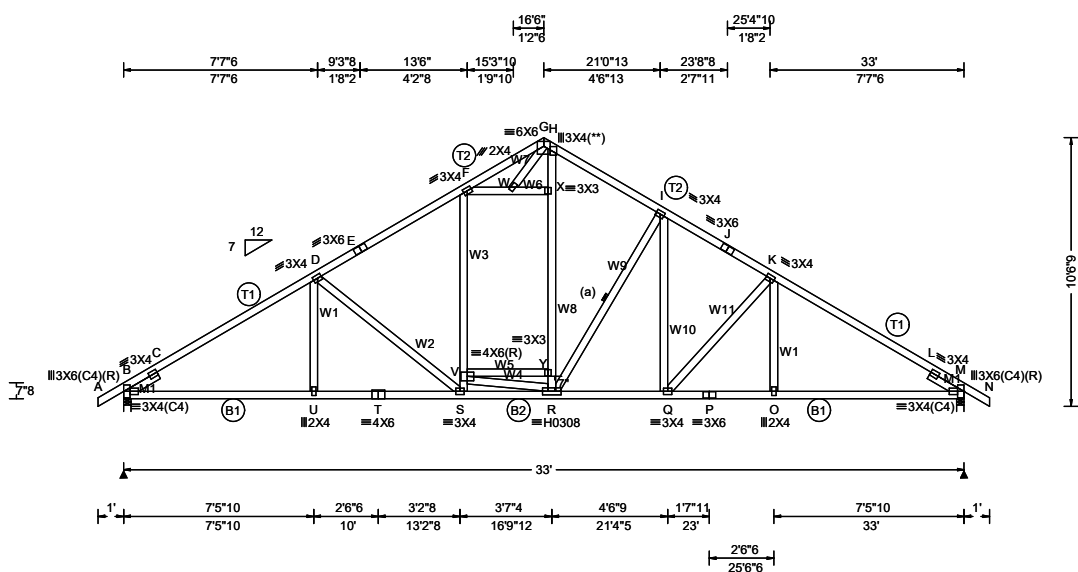


SEQN: 2156 / T16 / COMM
FROM: Ply: 1 Qty: 3
Wgt: 225.2 lbs

Job Number: Q2410-342
The Farm at Neills Creek

DRW: ... / ...
11/06/2024

Truss Label: **A2**



Loading Criteria (psf)

TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00
Load Duration:	1.15
Spacing:	24.0 "

Wind Criteria

Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 23.62 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.30 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IRC 2021
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s):
WAVE, HS

Defl/CSI Criteria

PP Deflection in loc L/defl L/#
VERT(LL): 0.226 F 999 240
VERT(CL): 0.446 F 879 180
HORZ(LL): 0.116 F - -
HORZ(TL): 0.238 F - -
Creep Factor: 2.0
Max TC CSI: 0.908
Max BC CSI: 0.931
Max Web CSI: 0.863
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs)

Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
B	1509	-	-	/806	/106	/182
M	1498	-	-	/806	/105	-

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 1.8 (Truss)
M Brg Wid = 3.5 Min Req = 1.8 (Truss)
Bearings B & M are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	28 -5	H - I	257 -1526
B - C	428 -2462	I - J	248 -1787
C - D	221 -2229	J - K	233 -1843
D - E	212 -1753	K - L	216 -2184
E - F	237 -1697	L - M	454 -2475
F - G	215 -1212	M - N	28 -5
G - H	155 -739		

Lumber
Top chord: 2x4 SP SS; T2 2x4 SP #2;
Bot chord: 2x4 SP #2;
Webs: 2x4 SP #3; W8 2x4 SP SS;
Lt Slider: 2x4 SP #3; block length = 1.500'
Rt Slider: 2x4 SP #3; block length = 1.500'

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

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

TC:	From 63 plf at -1.00 to 63 plf at 34.00
BC:	From 5 plf at -1.00 to 5 plf at 0.00
BC:	From 20 plf at 0.00 to 20 plf at 33.00
BC:	From 5 plf at 33.00 to 5 plf at 34.00
PLB:	From 40 plf at 13.51 to 40 plf at 16.66

Plating Notes
(**) 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.

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - U	1845 -119	R - Q	1509 -98
U - T	1841 -119	Q - P	1796 -116
T - S	1841 -119	P - O	1796 -116
S - R	1570 -103	O - M	1799 -115

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
U - D	289 0	W - X	79 -397
D - S	141 -593	R - I	113 -544
S - V	348 -15	X - Y	900 -125
V - F	230 0	X - H	847 -113
V - R	164 -838	Y - R	807 -119
V - Y	607 -117	I - Q	364 -429
F - W	63 -342	Q - K	110 -429
W - G	138 -30	K - O	243 0

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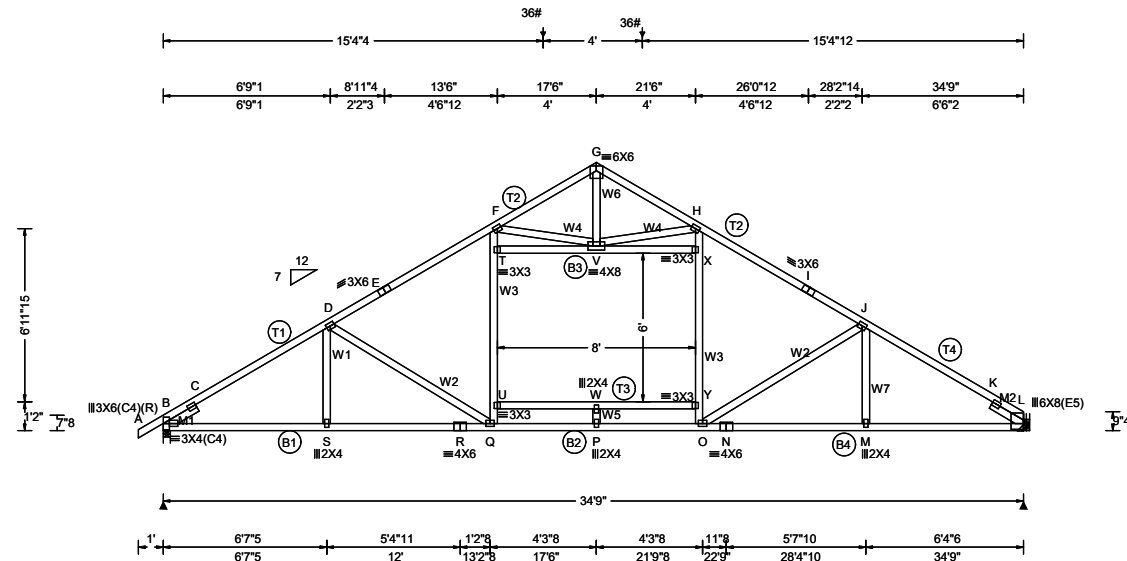


SEQN: 2182 / T30 / COMM
FROM: Ply: 1 Qty: 2
Wgt: 220.9 lbs

Job Number: Q2410-342
The Farm at Neills Creek

DRW: ... / ...
11/06/2024

Truss Label: **A1A**



Loading Criteria (psf)

TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 23.92 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.47 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg, Pf in PSF)

Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15

Building Code:
IRC 2021
TPI Std: 2014
Rep Fac: Varies by Ld Case
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in loc L/defl L/#
VERT(LL): 0.265 W 999 240
VERT(LR): 0.481 U 863 180
HORZ(LL): 0.129 P - -
HORZ(LR): 0.300 P - -
Creep Factor: 2.0
Max TC CSI: 0.806
Max BC CSI: 0.997
Max Web CSI: 0.697
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs)

Loc	Gravity		Non-Gravity		
	R+	/R-	/Rh	/Rw	/U /RL
B	1715	-	-	/851	/94 /183
L	1633	-	-	/797	/83 -

Wind reactions based on MWFRS
B Brg Wid = 3.5 Min Req = 2.0 (Truss)
L Brg Wid = - Min Req = -
Bearing B is a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	28 0	G - H	144 -810
B - C	361 -2647	H - I	250 -2140
C - D	233 -2598	I - J	223 -2212
D - E	223 -2217	J - K	232 -2577
E - F	249 -2145	K - L	293 -2627
F - G	144 -808		

Lumber

Top chord: 2x4 SP #2;
Bot chord: 2x4 SP #2; B2 2x4 SP SS;
Webs: 2x4 SP #3; W3 2x4 SP #2;
Lt Slider: 2x4 SP #3; block length = 1.500'
Rt Slider: 2x4 SP #3; block length = 1.500'

Plating Notes

All plates are 3X4 except as noted.

Hangers / Ties

(J) Hanger Support Required, by others

Loading

Bottom chord checked for 10.00 psf non-concurrent live load.
Truss designed for unbalanced snow loads.
Truss supports 250# mech unit; unit centered at 17'-4"; supported by TC; unit width 4'-0-0"; supported by 7 trusses.

Wind

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

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - S	2166 -135	P - O	1773 -29
S - R	2163 -136	O - N	2140 -135
R - Q	2163 -136	N - M	2140 -135
Q - P	1773 -29	M - L	2143 -135

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
S - D	224 0	V - H	183 -1175
D - Q	125 -417	V - X	152 -221
Q - U	487 0	W - P	38 -166
T - U	600 0	W - Y	38 -2
T - F	600 0	H - X	589 0
T - V	164 -210	X - Y	588 0
U - W	38 -2	Y - O	477 0
F - V	184 -1192	O - J	124 -397
G - V	552 -85	J - M	224 0

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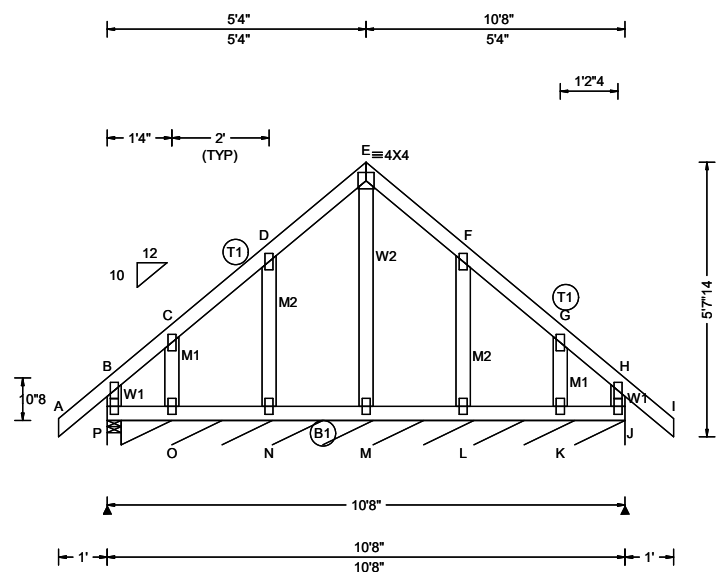


SEQN: 2159 / T2 / GABL
FROM: Ply: 1 Qty: 1
Wgt: 69.8 lbs

Job Number: Q2410-342
The Farm at Neills Creek

DRW: ... / ...
11/06/2024

Truss Label: **B1G**



Loading Criteria (psf)

TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 21.16 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 0.93
Snow Duration: 1.15

Building Code:
IRC 2021
TPI Std: 2014
Rep Fac: Yes
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s):
WAVE

Defl/CSI Criteria

PP Deflection in loc L/defl L/#
VERT(LL): 0.001 E 999 240
VERT(CL): 0.001 E 999 180
HORZ(LL): 0.008 E - -
HORZ(TL): 0.014 E - -
Creep Factor: 2.0
Max TC CSI: 0.084
Max BC CSI: 0.035
Max Web CSI: 0.124
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs), or *PLF

Loc	Gravity			Non-Gravity		
	R+	R-	Rh	/Rw	/U	/RL
P	140	-	-	/95	/34	/129
J*	89	-	-	/50	/1	-

Wind reactions based on MWFRS
P Brg Wid = 3.5 Min Req = 1.5 (Truss)
J Brg Wid = 124 Min Req = -
Bearings P & P are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	46 -2	E - F	250 -41
B - C	93 -69	F - G	152 -52
C - D	153 -49	G - H	81 -73
D - E	250 -41	H - I	46 0

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

Bracing
Fasten rated sheathing to one face of this frame.

Plating Notes
All plates are 2X4 except as noted.

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

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

Additional Notes
See DWGS A12030ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
P - O	62 -61	M - L	58 -60
O - N	59 -59	L - K	57 -57
N - M	58 -60	K - J	56 -55

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - P	113 -130	H - J	125 -130
E - M	0 -261		

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.Comp.	Gables	Tens. Comp.
C - O	93 -76	L - F	131 -154
D - N	130 -154	K - G	91 -76

****WARNING** READ AND FOLLOW ALL NOTES ON THIS DRAWING!**

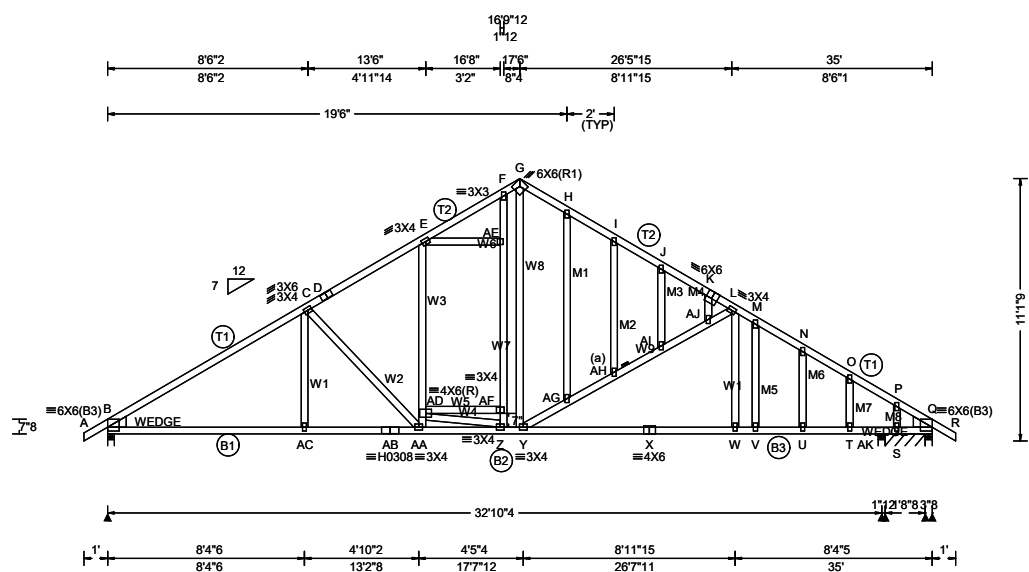
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Loading Criteria (psf)

TCLL: 20.00
 TCDL: 10.00
 BCLL: 0.00
 BCDL: 10.00
 Des Ld: 40.00
 NCBCLL: 10.00
 Soffit: 2.00
 Load Duration: 1.15
 Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
 Speed: 120 mph
 Enclosure: Closed
 Risk Category: II
 EXP: B Kzt: NA
 Mean Height: 23.92 ft
 TCDL: 5.0 psf
 BCDL: 5.0 psf
 MWFRS Parallel Dist: 0 to h/2
 C&C Dist a: 3.50 ft
 Loc. from endwall: Any
 GCpi: 0.18
 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: 20.0 Ct: 1.1 CAT: II
 Pf: 15.4
 Lu: - Cs: 1.00
 Snow Duration: 1.15

Building Code:
 IRC 2021
 TPI Std: 2014
 Rep Fac: Varies by Ld Case
 FT/RT/PT: 20(0)/10(0)/2(0)
 Plate Type(s):
 WAVE, HS

Defl/CSI Criteria

PP Deflection in loc L/defl L#
 VERT(LL): 0.347 E 999 240
 VERT(LR): 0.683 E 577 180
 HORZ(LL): 0.178 E - -
 HORZ(LR): 0.356 E - -
 Creep Factor: 2.0
 Max TC CSI: 0.608
 Max BC CSI: 0.992
 Max Web CSI: 0.759
 Mfg Specified Camber:
 VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs), or *PLF

Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
B	1582	-	-	/848	/144	/195
AK	683	-	-	/374	/69	-
AK*	-	-410	-	/35	/196	-
Q	1571	-	-	/808	/140	-

Wind reactions based on MWFRS
 B Brg Wid = 3.5 Min Req = 1.9 (Truss)
 AK Brg Wid = 3.5 Min Req = 1.5 (Truss)
 AK Brg Wid = 20.5 Min Req = -
 Q Brg Wid = 3.5 Min Req = 1.9 (Truss)
 Bearings B, AK, AK, & Q are a rigid surface.

Lumber
 Top chord: 2x4 SP SS;
 Bot chord: 2x4 SP SS; B1 2x4 SP #2;
 Webs: 2x4 SP #3; W3,W9 2x4 SP #2; W7 2x4 SP SS;
 Lt Wedge: 2x6 SP #2; Rt Wedge: 2x6 SP #2;

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

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

TC: From	63 plf at	-1.00 to	63 plf at	36.00
BC: From	5 plf at	-1.00 to	5 plf at	0.00
BC: From	20 plf at	0.00 to	20 plf at	35.00
BC: From	5 plf at	35.00 to	5 plf at	36.00
PLB: From	40 plf at	13.50 to	40 plf at	16.67

Plating Notes
 All plates are 2X4 except as noted.

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 -701# MAX. from a non-wind load case requires uplift connection. See Maximum Reactions.
 See DWGS A12030ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	34 -6	J - K	196 -1644
B - C	242 -2393	K - L	209 -1710
C - D	232 -1898	L - M	187 -2035
D - E	256 -1870	M - N	220 -2145
E - F	209 -1308	N - O	192 -2194
F - G	215 -1267	O - P	189 -2178
G - H	250 -1473	P - Q	195 -2243
H - I	249 -1590	Q - R	34 -6
I - J	221 -1609		

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B -AC	1945 -181	X - W	1843 -158
AC-AB	1943 -182	W - V	1844 -156
AB-AA	1943 -182	V - U	1842 -155
AA - Z	1796 -191	U - T	1843 -156
Z - Y	1354 -135	T - S	3696 -314
Y - X	1843 -158	S - Q	1845 -158

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
AC - C	333 0	AE-AF	261 -77
C -AA	154 -618	G - Y	650 0
AA-AD	349 -43	Y -AG	133 -591
AD - E	186 0	AG-AH	143 -610
AD - Z	211 -1067	AH-AI	127 -567
AD-AF	731 -142	AI-AJ	114 -542
E -AE	76 -387	AJ - L	140 -595
Z -AF	169 -69	L - W	310 0
F -AE	273 -79		

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SEQN: 2161 / T33 / GABL
 FROM: Ply: 1 Qty: 1
 Page 2 of 2 Wgt: 263.6 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ... 11/06/2024

Truss Label: **A1SG**

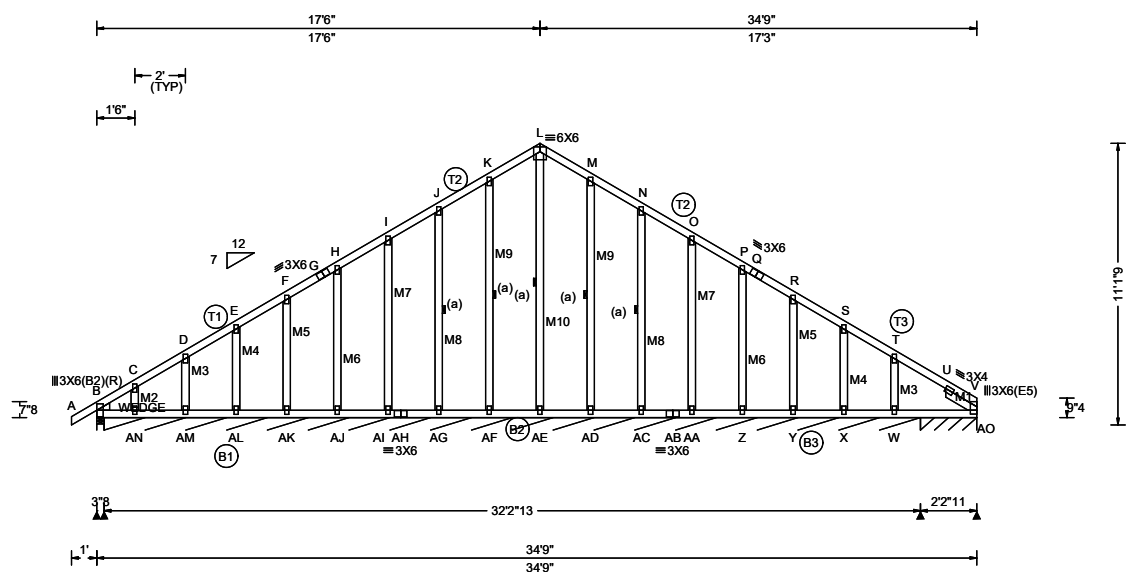
Maximum Gable Forces Per Ply (lbs)					
Gables	Tens.Comp.		Gables	Tens. Comp.	
AG- H	112	-21	V - M	119	-80
AH- I	31	-88	U - N	33	-32
AI- J	27	-57	T - O	56	-166
AJ- K	102	-51	S - P	87	-6

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Loading Criteria (psf)

TCLL: 20.00
 TCDL: 10.00
 BCLL: 0.00
 BCDL: 10.00
 Des Ld: 40.00
 NCBCLL: 10.00
 Soffit: 2.00
 Load Duration: 1.15
 Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
 Speed: 120 mph
 Enclosure: Closed
 Risk Category: II
 EXP: B Kzt: NA
 Mean Height: 23.92 ft
 TCDL: 5.0 psf
 BCDL: 5.0 psf
 MWFRS Parallel Dist: 0 to h/2
 C&C Dist a: 3.47 ft
 Loc. from endwall: Any
 GCpi: 0.18
 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: 20.0 Ct: 1.1 CAT: II
 Pf: 15.4 Ce: 1.0
 Lu: - Cs: 1.00
 Snow Duration: 1.15

Building Code:
 IRC 2021
 TPI Std: 2014
 Rep Fac: Yes
 FT/RT/PT: 20(0)/10(0)/2(0)
 Plate Type(s):
 WAVE

Defl/CSI Criteria

PP Deflection in loc L/defl L/#
 VERT(LL): 0.006 U 999 240
 VERT(CL): 0.013 U 999 180
 HORZ(LL): 0.006 U - -
 HORZ(TL): 0.009 U - -
 Creep Factor: 2.0
 Max TC CSI: 0.135
 Max BC CSI: 0.078
 Max Web CSI: 0.123
 Mfg Specified Camber:
 VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs), or *PLF

Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
B	164	-	-	/116	/21	/185
B*	83	-	-	/45	/9	-
AO*58	-	-	-	/40	-	-

Wind reactions based on MWFRS
 B Brg Wid = 3.5 Min Req = 1.5 (Truss)
 B Brg Wid = 386 Min Req = -
 AO Brg Wid = 26.7 Min Req = -
 Bearings B, B, & W are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	34	L - M	211 -68
B - C	125 -170	M - N	171 -57
C - D	118 -145	N - O	131 -48
D - E	108 -127	O - P	92 -49
E - F	102 -115	P - Q	54 -20
F - G	100 -103	Q - R	51 -51
G - H	102 -86	R - S	36 -52
H - I	103 -92	S - T	37 -65
I - J	131 -81	T - U	68 -86
J - K	171 -69	U - V	60 -118
K - L	211 -62		

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B -AN	90 -55	AE-AD	100 -55
AN-AM	94 -54	AD-AC	99 -54
AM-AL	95 -54	AC-AB	99 -54
AL-AK	96 -55	AB-AA	99 -54
AK-AJ	97 -55	AA-Z	98 -53
AJ-AI	98 -55	Z - Y	97 -53
AI-AH	99 -55	Y - X	96 -52
AH-AG	99 -55	X - W	96 -51
AG-AF	99 -55	W - V	93 -50
AF-AE	100 -55		

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.Comp.	Gables	Tens. Comp.
C -AN	57 -87	L -AE	17 -174
D -AM	55 -129	AD -M	57 -194
E -AL	54 -124	AC -N	57 -143
F -AK	54 -125	AA -O	54 -126
H -AJ	55 -125	Z - P	54 -125

Lumber
 Top chord: 2x4 SP #2;
 Bot chord: 2x4 SP #2;
 Webs: 2x4 SP #3;
 Rt Slider: 2x4 SP #3; block length = 1.494'
 Lt Wedge: 2x4 SP #3;

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

Plating Notes
 All plates are 2X4 except as noted.

Loading
 Gable end supports 8" max rake overhang. Top chord must not be cut or notched.
 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
 See DWGS A12030ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

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SEQN: 2162 / T29 / GABL
FROM: Ply: 1 Qty: 1
Page 2 of 2 Wgt: 266.4 lbs

Job Number: Q2410-342
The Farm at Neills Creek

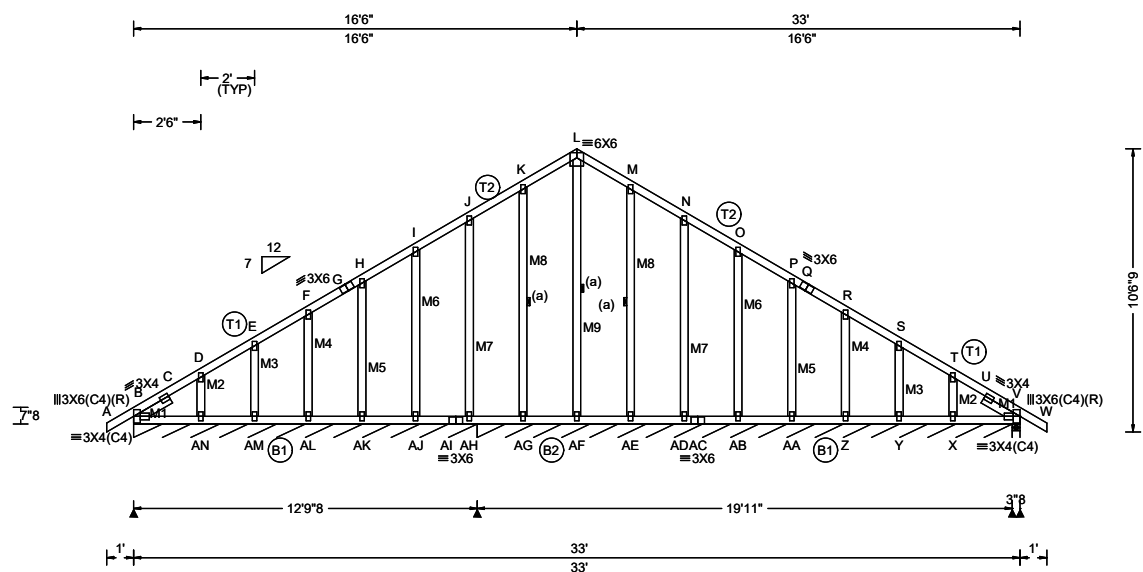
DRW: ... / ... 11/06/2024

Truss Label: **A1G**

I-AI	54	-126	Y-R	56	-129
J-AG	57	-143	X-S	43	-104
K-AF	57	-194	W-T	92	-188

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Loading Criteria (psf)

TCLL: 20.00
 TCCL: 10.00
 BCLL: 0.00
 BCDL: 10.00
 Des Ld: 40.00
 NCBCLL: 10.00
 Soffit: 2.00
 Load Duration: 1.15
 Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
 Speed: 120 mph
 Enclosure: Closed
 Risk Category: II
 EXP: B Kzt: NA
 Mean Height: 23.62 ft
 TCCL: 5.0 psf
 BCDL: 5.0 psf
 MWFRS Parallel Dist: 0 to h/2
 C&C Dist a: 3.30 ft
 Loc. from endwall: Any
 GCpi: 0.18
 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: 20.0 Ct: 1.1 CAT: II
 Pf: 15.4 Ce: 1.0
 Lu: - Cs: 1.00
 Snow Duration: 1.15

Building Code:
 IRC 2021
 TPI Std: 2014
 Rep Fac: Yes
 FT/RT/PT: 20(0)/10(0)/2(0)
 Plate Type(s):
 WAVE

Defl/CSI Criteria

PP Deflection in loc L/defl L/#
 VERT(LL): 0.002 L 999 240
 VERT(CL): 0.003 K 999 180
 HORZ(LL): 0.003 U - -
 HORZ(TL): 0.004 U - -
 Creep Factor: 2.0
 Max TC CSI: 0.086
 Max BC CSI: 0.038
 Max Web CSI: 0.163
 Mfg Specified Camber:
 VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs), or *=PLF

Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
B* 93	/-	/-	/57	/12	/14	
AH*75	/-	/-	/46	/4	/-	
V 198	/-	/-	/111	/1	/-	

Wind reactions based on MWFRS
 B Brg Wid = 153 Min Req = -
 AH Brg Wid = 239 Min Req = -
 V Brg Wid = 3.5 Min Req = 1.5 (Truss)
 Bearings B, AH, & V are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	28 0	L - M	194 -61
B - C	158 -276	M - N	154 -51
C - D	97 -130	N - O	114 -42
D - E	84 -103	O - P	76 -48
E - F	75 -89	P - Q	54 -42
F - G	68 -77	Q - R	51 -60
G - H	71 -60	R - S	57 -71
H - I	76 -66	S - T	66 -86
I - J	114 -54	T - U	80 -110
J - K	154 -50	U - V	102 -207
K - L	194 -61	V - W	28 0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - AN	125 -94	AF - AE	125 -84
AN - AM	126 -95	AE - AD	125 -84
AM - AL	126 -97	AD - AC	124 -83
AL - AK	127 -97	AC - AB	124 -83
AK - AJ	127 -98	AB - AA	124 -83
AJ - AI	127 -99	AA - Z	123 -82
AI - AH	124 -84	Z - Y	122 -81
AH - AG	125 -84	Y - X	121 -80
AG - AF	125 -84	X - V	119 -79

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.Comp.	Gables	Tens. Comp.
D - AN	70 -113	AE - M	57 -194
E - AM	52 -126	AD - N	56 -142
F - AL	55 -125	AB - O	54 -126
H - AK	54 -125	AA - P	54 -125
I - AJ	54 -126	Z - R	55 -125
J - AH	56 -142	Y - S	52 -123

Lumber
 Top chord: 2x4 SP #2;
 Bot chord: 2x4 SP #2;
 Webs: 2x4 SP #3;
 Lt Slider: 2x4 SP #3; block length = 1.500'
 Rt Slider: 2x4 SP #3; block length = 1.500'

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

Plating Notes
 All plates are 2X4 except as noted.

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 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
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SEQN: 2163 / T21 / GABL
FROM: Ply: 1 Qty: 1
Page 2 of 2 Wgt: 257.4 lbs

Job Number: Q2410-342
The Farm at Neills Creek

DRW: ... / ... 11/06/2024

Truss Label: **A2G**

K -AG 57 -194 X - T 68 - 126
L -AF 0 - 158

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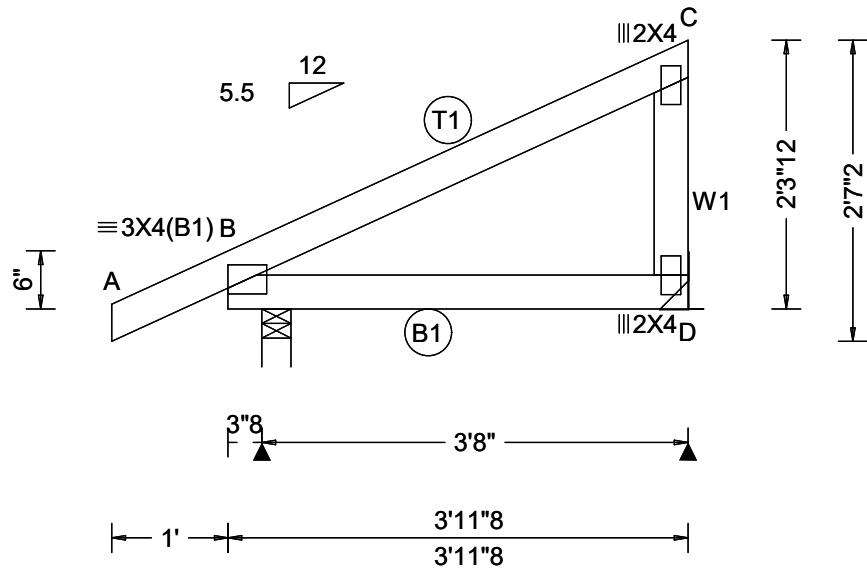


SEQN: 2134 / T19 / MONO
 FROM: Ply: 1 Qty: 4
 Wgt: 17.4 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **P1**



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15
Building Code: IRC 2021
TPI Std: 2014
Rep Fac: Yes
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s): WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): -0.002 C - -
HORZ(TL): 0.004 C - -
Creep Factor: 2.0
Max TC CSI: 0.211
Max BC CSI: 0.112
Max Web CSI: 0.067
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs)					
Loc	Gravity			Non-Gravity	
	R+	R-	Rh	Rw	U / RL
B	265	-	-	158	- /44
D	126	-	-	80	10 -
Wind reactions based on MWFRS					
B	Brg Wid = 3.0 Min Req = 1.5 (Truss)				
D	Brg Wid = - Min Req = -				
Bearing B is a rigid surface.					
Maximum Top Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.		Chords		Tens. Comp.
	A - B	25	0	B - C	40 -68

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

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

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

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

Maximum Bot Chord Forces Per Ply (lbs)		
Chords	Tens.Comp.	
B - D	169	-47

Maximum Web Forces Per Ply (lbs)		
Webs	Tens.Comp.	
C - D	105	-106

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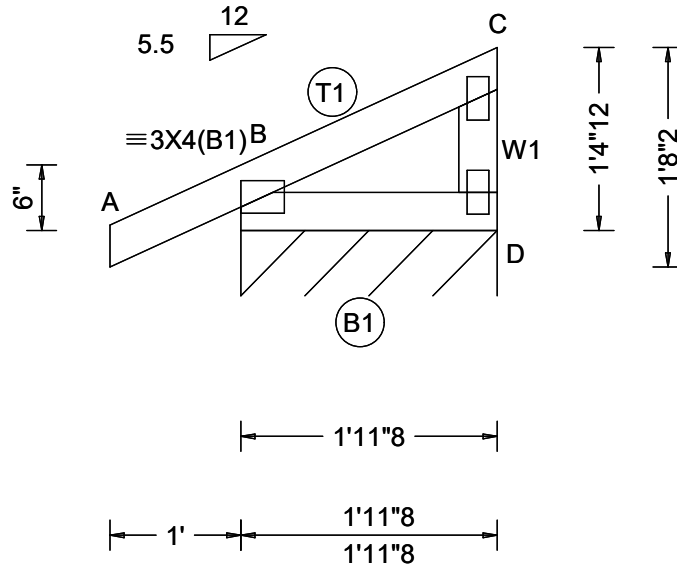


SEQN: 2167 / T5 / GABL
 FROM: Ply: 1 Qty: 1
 Wgt: 10.4 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **G2G**



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15
Building Code: IRC 2021
TPI Std: 2014
Rep Fac: Yes
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s): WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): -0.000 C - -
HORZ(TL): 0.000 B - -
Creep Factor: 2.0
Max TC CSI: 0.076
Max BC CSI: 0.027
Max Web CSI: 0.020
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs), or *PLF						
Gravity			Non-Gravity			
Loc	R+	R-	Rh	Rw	U	RL
D*	116	-	-	70	2	13
Wind reactions based on MWFRS						
D	Brg Wid = 23.5		Min Req = -			
Bearing B is a rigid surface.						
Maximum Top Chord Forces Per Ply (lbs)						
Chords	Tens.Comp.		Chords	Tens. Comp.		
A - B	28	0	B - C	15	-31	

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

Plating Notes
 All plates are 2X4 except as noted.

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

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

Maximum Bot Chord Forces Per Ply (lbs)		
Chords	Tens.Comp.	
B - D	88	-14

Maximum Web Forces Per Ply (lbs)		
Webs	Tens.Comp.	
C - D	50	-37

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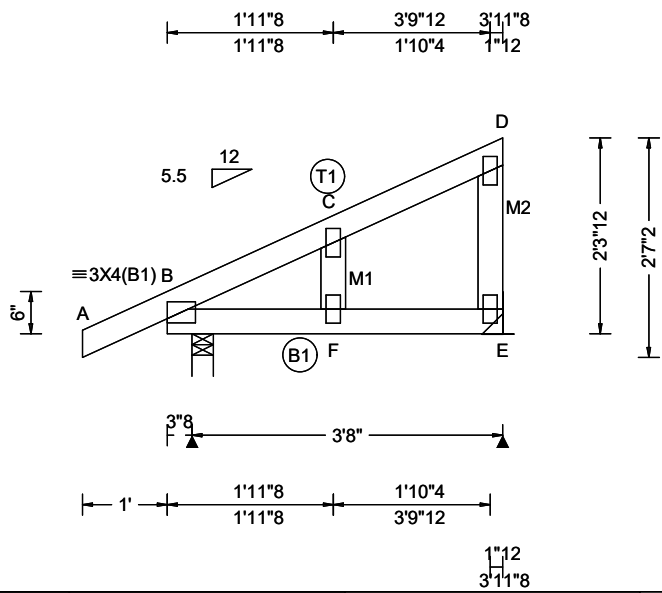


SEQN: 2168 / T20 / GABL
 FROM: Ply: 1 Qty: 1
 Wgt: 19.5 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **P1G**



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15
Building Code: IRC 2021
TPI Std: 2014
Rep Fac: Yes
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s): WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): 0.008 F 999 240
VERT(CL): 0.014 F 999 180
HORZ(LL): 0.003 C - -
HORZ(TL): 0.008 C - -
Creep Factor: 2.0
Max TC CSI: 0.104
Max BC CSI: 0.133
Max Web CSI: 0.028
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs)					
Loc	Gravity			Non-Gravity	
	R+	R-	Rh	Rw	U / RL
B	265	-	-	158	- /44
E	126	-	-	80	10 -
Wind reactions based on MWFRS					
B	Brg Wid = 3.0 Min Req = 1.5 (Truss)				
E	Brg Wid = - Min Req = -				
Bearing B is a rigid surface.					
Maximum Top Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.		Chords		Tens. Comp.
	A - B	25	0	C - D	26 -38
B - C	7	-83			

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

Plating Notes
 All plates are 2X4 except as noted.

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

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 live load.

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

Additional Notes
 See DWGS A12015ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - F	158	-47	F - E 6 -5

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.Comp.	Gables	Tens. Comp.
C - F	88	-76	D - E 68 -74

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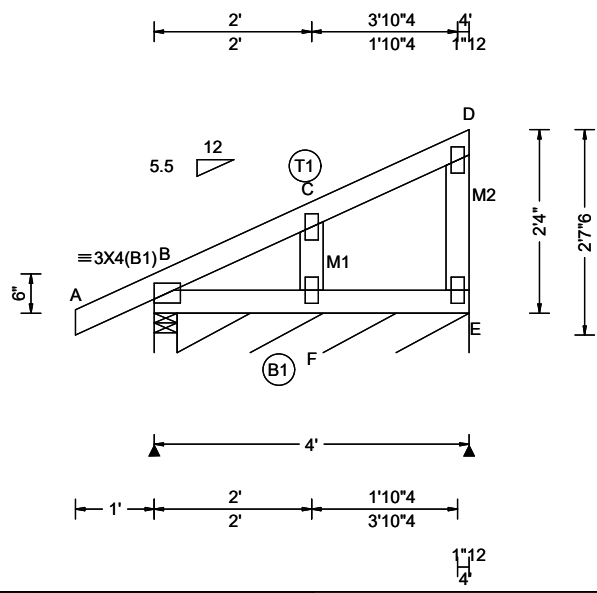


SEQN: 2169 / T17 / GABL
 FROM: Ply: 1 Qty: 1
 Wgt: 19.5 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **G1G**



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.15 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 120 mph Enclosure: Closed Risk Category: II EXP: B Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: 20.0 Ct: 1.1 CAT: II Pf: 15.4 Ce: 1.0 Lu: - Cs: 1.00 Snow Duration: 1.15 Building Code: IRC 2021 TPI Std: 2014 Rep Fac: Yes FT/RT/PT:20(0)/10(0)/2(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): 0.000 C 999 240 VERT(CL): 0.000 C 999 180 HORZ(LL): -0.000 B - - HORZ(TL): 0.000 B - - Creep Factor: 2.0 Max TC CSI: 0.075 Max BC CSI: 0.031 Max Web CSI: 0.035 Mfg Specified Camber: VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs), or *PLF					
Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U / RL
B	164	/-	/-	/92	/- /44
E*	62	/-	/-	/39	/3 /-
Wind reactions based on MWFRS B Brg Wid = 3.5 Min Req = 1.5 (Truss) E Brg Wid = 44.5 Min Req = - Bearings B & B are a rigid surface.					
Maximum Top Chord Forces Per Ply (lbs)					
Chords		Tens.Comp.	Chords		Tens. Comp.
A - B	28	0	C - D	22	-32
B - C	13	-83			

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

Plating Notes
 All plates are 2X4 except as noted.

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

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

Additional Notes
 See DWGS A12015ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

Maximum Bot Chord Forces Per Ply (lbs)					
Chords		Tens.Comp.	Chords		Tens. Comp.
B - F	8	-8	F - E	1	-1
Maximum Gable Forces Per Ply (lbs)					
Gables		Tens.Comp.	Gables		Tens. Comp.
C - F	124	-118	D - E	51	-54

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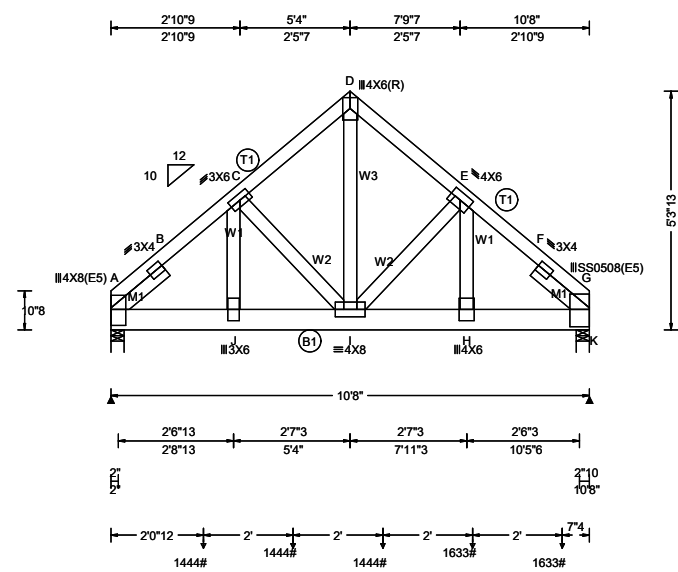


SEQN: 2170 / T1 / COMN
 FROM: Ply: 2 Qty: 1
 Wgt: 155.0 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **B1GR**



Loading Criteria (psf)

TCLL: 20.00
 TCDL: 10.00
 BCLL: 0.00
 BCDL: 10.00
 Des Ld: 40.00
 NCBCLL: 0.00
 Soffit: 2.00
 Load Duration: 1.15
 Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
 Speed: 120 mph
 Enclosure: Closed
 Risk Category: II
 EXP: B Kzt: NA
 Mean Height: 21.58 ft
 TCDL: 5.0 psf
 BCDL: 5.0 psf
 MWFRS Parallel Dist: 0 to h/2
 C&C Dist a: 3.00 ft
 Loc. from endwall: Any
 GCpi: 0.18
 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: 20.0 Ct: 1.1 CAT: II
 Pf: 15.4 Ce: 1.0
 Lu: - Cs: 0.93
 Snow Duration: 1.15

Building Code:
 IRC 2021
 TPI Std: 2014
 Rep Fac: Varies by Ld Case
 FT/RT/PT: 20(0)/10(0)/2(0)
 Plate Type(s):
 WAVE, 18SS

Defl/CSI Criteria

PP Deflection in loc L/defl L#
 VERT(LL): 0.026 I 999 240
 VERT(CL): 0.052 I 999 180
 HORZ(LL): 0.011 C - -
 HORZ(TL): 0.022 C - -
 Creep Factor: 2.0
 Max TC CSI: 0.176
 Max BC CSI: 0.699
 Max Web CSI: 0.790
 Mfg Specified Camber:
 VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs)

Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
A	3579	-	-	-	/224	-
K	4831	-	-	-	/280	-

Wind reactions based on MWFRS
 A Brg Wid = 3.5 Min Req = 2.1 (Truss)
 K Brg Wid = 3.5 Min Req = 2.9 (Truss)
 Bearings A & K are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	140 -2213	D - E	102 -1604
B - C	135 -2188	E - F	139 -2324
C - D	102 -1603	F - G	144 -2348

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - J	1625 -100	I - H	1697 -101
J - I	1593 -99	H - G	1776 -105

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
J - C	796 -38	I - E	40 -702
C - I	36 -549	E - H	991 -43
D - I	1908 -106		

Lumber

Top chord: 2x4 SP #2;
 Bot chord: 2x6 SP #2;
 Webs: 2x4 SP #3;
 Lt Slider: 2x4 SP #3; block length = 1.500'
 Rt Slider: 2x4 SP #3; block length = 1.500'

Nailnote

Nail Schedule: 0.128"x3", min. nails
 Top Chord: 1 Row @ 12.00" o.c.
 Bot Chord: 2 Rows @ 4.00" o.c. (Each Row)
 Webs : 1 Row @ 4" o.c.
 Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

----(Lumber Dur.Fac.=1.15 / Plate Dur.Fac.=1.15)
 TC: From 66 plf at 0.00 to 66 plf at 10.67
 BC: From 10 plf at 0.00 to 10 plf at 10.67
 BC: 1444 lb Conc. Load at 2.06, 4.06, 6.06
 BC: 1633 lb Conc. Load at 8.06, 10.06

Wind

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

Blocking

Apply additional nailing over the following bearings with fasteners at 9" oc perpendicular to grain and 4" oc parallel to grain. In lieu of additional nailing, apply blocking reinforcement to prevent buckling of members over the bearings:
 Bearing 2 located at 10.4' (blocking >= 3.50" if used)

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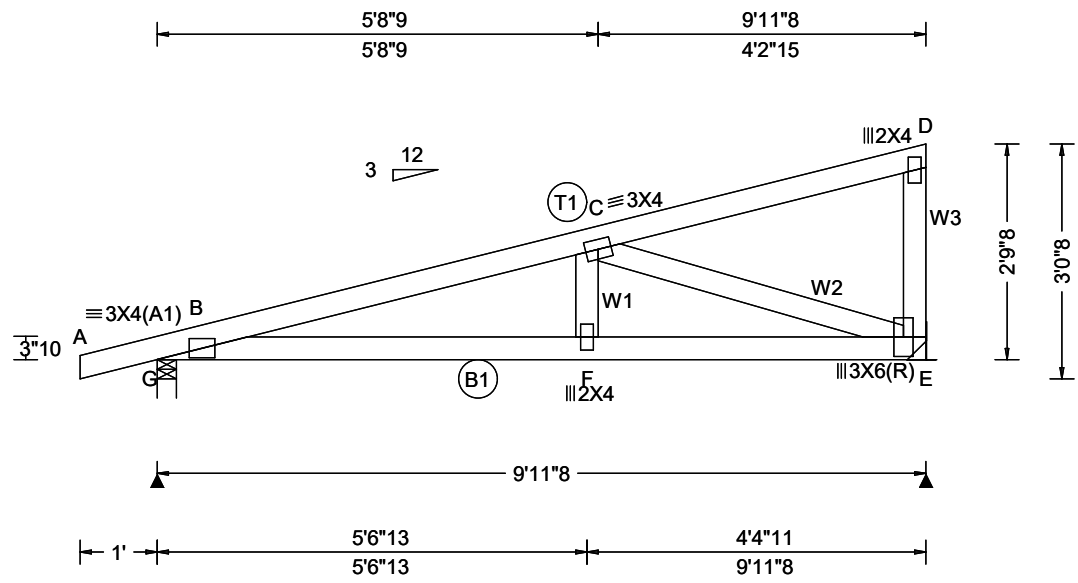


SEQN: 2138 / T4 / MONO
 FROM: Ply: 1 Qty: 5
 Wgt: 42.6 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: C1



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15
Building Code: IRC 2021
TPI Std: 2014
Rep Fac: Yes
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s): WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): 0.023 F 999 240
VERT(CL): 0.045 F 999 180
HORZ(LL): 0.006 E - -
HORZ(TL): 0.013 E - -
Creep Factor: 2.0
Max TC CSI: 0.347
Max BC CSI: 0.403
Max Web CSI: 0.331
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs)						
Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
G	475	/-	/-	/242	/-	/55
E	392	/-	/-	/202	/7	/-
Wind reactions based on MWFRS						
G	Brg Wid = 3.0			Min Req = 1.5 (Truss)		
E	Brg Wid = -			Min Req = -		
Bearing G is a rigid surface.						
Maximum Top Chord Forces Per Ply (lbs)						
Chords	Tens.Comp.		Chords	Tens. Comp.		
A - B	16	0	C - D	18	-45	
B - C	270	-842				

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

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

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

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

Additional Notes
 Lanai/Porch Loading : 14.7 PLF wind pressure applied to the bottom chord of the truss from 0.00 ft to 10.92 ft,

Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.		Chords	Tens. Comp.	
B - F	792	-347	F - E	783	-350

Maximum Web Forces Per Ply (lbs)					
Webs	Tens.Comp.		Webs	Tens. Comp.	
F - C	223	0	D - E	76	-100
C - E	366	-818			

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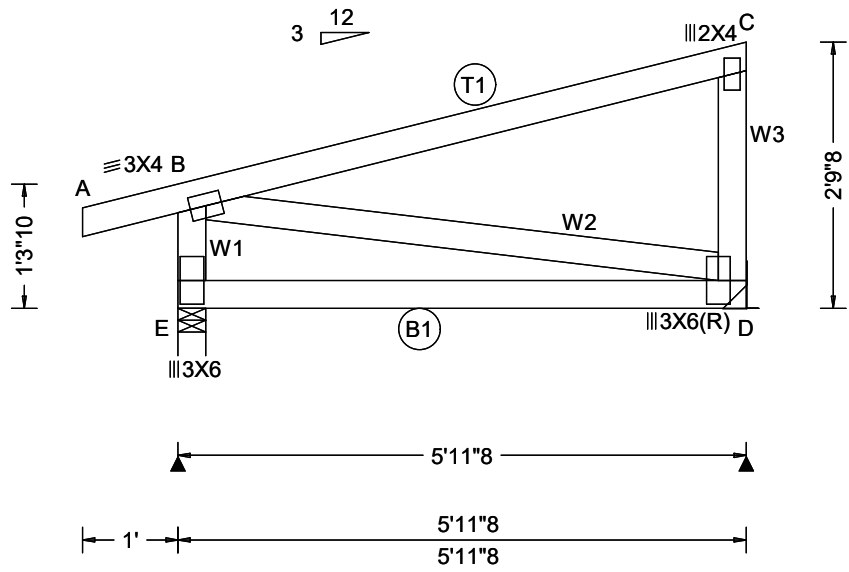


SEQN: 2172 / T8 / MONO
 FROM: Ply: 1 Qty: 5
 Wgt: 33.5 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **D1**



Loading Criteria (psf)	
TCLL:	20.00
TCDL:	10.00
BCLL:	0.00
BCDL:	10.00
Des Ld:	40.00
NCBCLL:	10.00
Soffit:	2.00
Load Duration:	1.15
Spacing:	24.0 "

Wind Criteria	
Wind Std:	ASCE 7-16
Speed:	120 mph
Enclosure:	Closed
Risk Category:	II
EXP:	B Kzt: NA
Mean Height:	15.00 ft
TCDL:	5.0 psf
BCDL:	5.0 psf
MWFRS Parallel Dist:	0 to h/2
C&C Dist a:	3.00 ft
Loc. from endwall:	Any
GCpi:	0.18
Wind Duration:	1.60

Snow Criteria (Pg,Pf in PSF)	
Pg:	20.0 Ct: 1.1 CAT: II
Pf:	15.4 Ce: 1.0
Lu:	- Cs: 1.00
Snow Duration:	1.15
Building Code:	
IRC 2021	
TPI Std: 2014	
Rep Fac: Yes	
FT/RT/PT: 20(0)/10(0)/2(0)	
Plate Type(s):	
WAVE	

Defl/CSI Criteria	
PP Deflection in loc L/defl L/#	
VERT(LL):	0.000 C 999 240
VERT(CL):	0.001 C 999 180
HORZ(LL):	-0.001 C - -
HORZ(TL):	0.001 C - -
Creep Factor: 2.0	
Max TC CSI:	0.574
Max BC CSI:	0.376
Max Web CSI:	0.180
Mfg Specified Camber:	
VIEW Ver: 23.02.04A.0207.13	

▲ Maximum Reactions (lbs)						
Loc	Gravity			Non-Gravity		
	R+	R-	Rh	Rw	U	RL
E	310	-	-	155	1	50
D	235	-	-	122	11	-
Wind reactions based on MWFRS						
E	Brg Wid = 3.5		Min Req = 1.5 (Truss)			
D	Brg Wid = -		Min Req = -			
Bearing E is a rigid surface.						
Maximum Top Chord Forces Per Ply (lbs)						
Chords	Tens. Comp.		Chords	Tens. Comp.		
A - B	16	0	B - C	20	-68	

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

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

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

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

Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens. Comp.				
E - D	52	-160			
Maximum Web Forces Per Ply (lbs)					
Webs	Tens. Comp.		Webs	Tens. Comp.	
B - E	213	-251	C - D	171	-170
B - D	148	-30			

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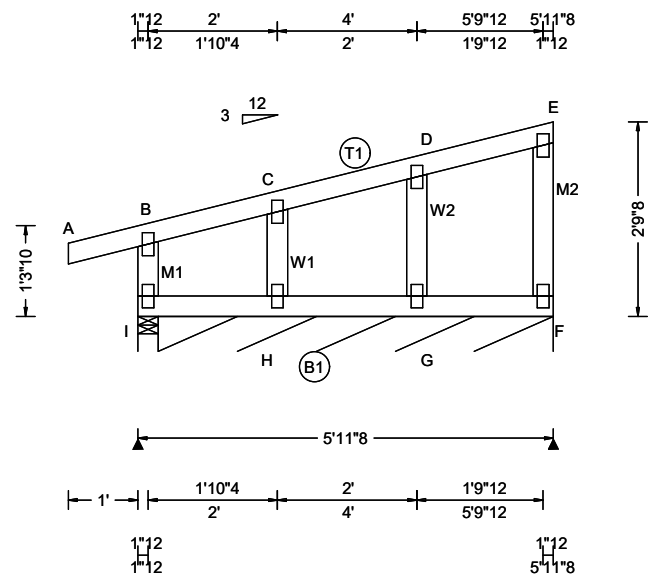


SEQN: 2173 / T11 / GABL
 FROM: Ply: 1 Qty: 1
 Wgt: 30.7 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **D1G**



Loading Criteria (psf)

TCLL: 20.00
 TCCL: 10.00
 BCCL: 0.00
 BCDL: 10.00
 Des Ld: 40.00
 NCBCLL: 10.00
 Soffit: 2.00
 Load Duration: 1.15
 Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
 Speed: 120 mph
 Enclosure: Closed
 Risk Category: II
 EXP: B Kzt: NA
 Mean Height: 15.00 ft
 TCCL: 5.0 psf
 BCDL: 5.0 psf
 MWFRS Parallel Dist: 0 to h/2
 C&C Dist a: 3.00 ft
 Loc. from endwall: Any
 GCpi: 0.18
 Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)

Pg: 20.0 Ct: 1.1 CAT: II
 Pf: 15.4 Ce: 1.0
 Lu: - Cs: 1.00
 Snow Duration: 1.15

Building Code:
 IRC 2021
 TPI Std: 2014
 Rep Fac: Yes
 FT/RT/PT: 20(0)/10(0)/2(0)
 Plate Type(s):
 WAVE

Defl/CSI Criteria

PP Deflection in loc L/defl L/#
 VERT(LL): -0.002 B 999 240
 VERT(CL): -0.005 B 999 180
 HORZ(LL): -0.023 B - -
 HORZ(TL): 0.033 B - -
 Creep Factor: 2.0
 Max TC CSI: 0.087
 Max BC CSI: 0.086
 Max Web CSI: 0.182
 Mfg Specified Camber:
 VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs), or *=PLF

Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
I	142	/-	/-	/63	/4	/50
F*	71	/-	/-	/38	/5	/-

Wind reactions based on MWFRS
 I Brg Wid = 3.5 Min Req = 1.5 (Truss)
 F Brg Wid = 68.0 Min Req = -
 Bearings I & I are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	17 0	C - D	15 -33
B - C	9 -79	D - E	8 -18

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

Bracing
 Fasten rated sheathing to one face of this frame.

Plating Notes
 All plates are 2X4 except as noted.

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

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

Additional Notes
 See DWGS A12015ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
I - H	3 -19	G - F	3 -19
H - G	3 -19		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - H	185 -115	D - G	107 -137

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.Comp.	Gables	Tens. Comp.
I - B	72 -130	E - F	55 -43

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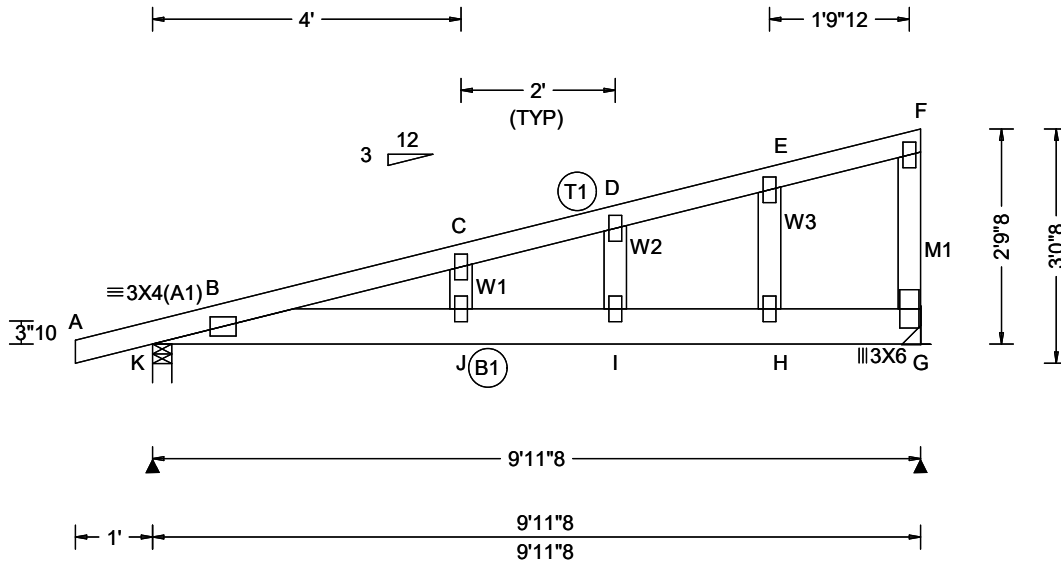


SEQN: 2174 / T6 / GABL
 FROM: Ply: 1 Qty: 1
 Wgt: 48.9 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **C1G**



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15
Building Code: IRC 2021
TPI Std: 2014
Rep Fac: Yes
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s): WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): 0.209 I 564 240
VERT(CL): 0.413 I 285 180
HORZ(LL): 0.052 D - -
HORZ(TL): 0.103 D - -
Creep Factor: 2.0
Max TC CSI: 0.475
Max BC CSI: 0.770
Max Web CSI: 0.253
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs)						
Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
K	475	-	-	/242	/0	/55
G	392	-	/0	/202	/6	/0
Wind reactions based on MWFRS						
K	Brg Wid = 3.0 Min Req = 1.5 (Truss)					
G	Brg Wid = - Min Req = -					
Bearing K is a rigid surface.						
Maximum Top Chord Forces Per Ply (lbs)						
Chords	Tens.Comp.		Chords	Tens. Comp.		
A - B	16	0	D - E	0	-59	
B - C	0	-79	E - F	4	-43	
C - D	0	-66				

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

Plating Notes
 All plates are 2X4 except as noted.

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

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 live load.

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

Additional Notes
 See DWGS A12015ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.

Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.		Chords	Tens. Comp.	
B - J	54	-26	I - H	48	-21
J - I	51	-23	H - G	48	-21

Maximum Web Forces Per Ply (lbs)					
Webs	Tens.Comp.		Webs	Tens. Comp.	
C - J	81	-92	E - H	70	-64
D - I	85	-104			

Maximum Gable Forces Per Ply (lbs)		
Gables	Tens.Comp.	
F - G	69	-126

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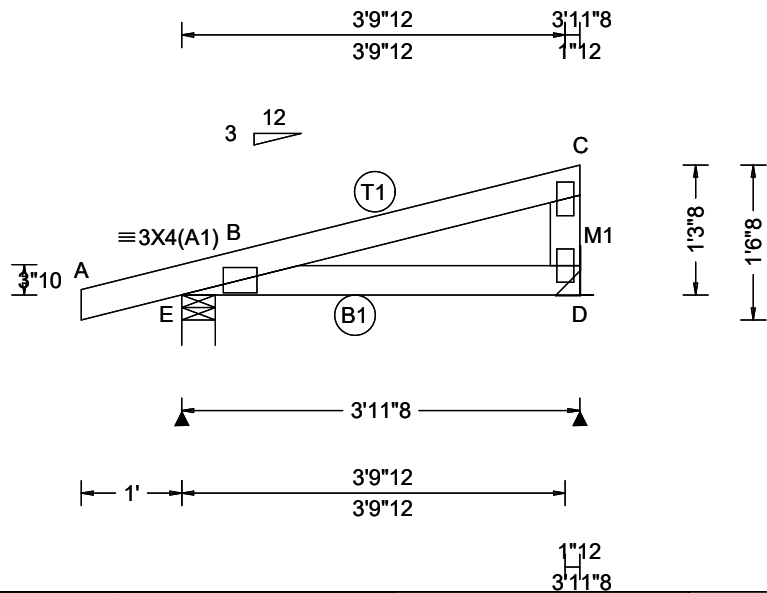


SEQN: 2140 / T3 / GABL
 FROM: Ply: 1 Qty: 1
 Wgt: 16.0 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **C1G1**



Loading Criteria (psf)	Wind Criteria	Snow Criteria (Pg,Pf in PSF)	Defl/CSI Criteria	▲ Maximum Reactions (lbs)																																													
TCLL: 20.00 TCDL: 10.00 BCLL: 0.00 BCDL: 10.00 Des Ld: 40.00 NCBCLL: 10.00 Soffit: 2.00 Load Duration: 1.15 Spacing: 24.0 "	Wind Std: ASCE 7-16 Speed: 120 mph Enclosure: Closed Risk Category: II EXP: B Kzt: NA Mean Height: 15.00 ft TCDL: 5.0 psf BCDL: 5.0 psf MWFRS Parallel Dist: 0 to h/2 C&C Dist a: 3.00 ft Loc. from endwall: Any GCpi: 0.18 Wind Duration: 1.60	Pg: 20.0 Ct: 1.1 CAT: II Pf: 15.4 Ce: 1.0 Lu: - Cs: 1.00 Snow Duration: 1.15 Building Code: IRC 2021 TPI Std: 2014 Rep Fac: Yes FT/RT/PT:20(0)/10(0)/2(0) Plate Type(s): WAVE	PP Deflection in loc L/defl L/# VERT(LL): NA VERT(CL): NA HORZ(LL): 0.002 B - - HORZ(TL): 0.004 B - - Creep Factor: 2.0 Max TC CSI: 0.165 Max BC CSI: 0.148 Max Web CSI: 0.047 Mfg Specified Camber: VIEW Ver: 23.02.04A.0207.13	<table border="1"> <thead> <tr> <th rowspan="2">Loc</th> <th colspan="3">Gravity</th> <th colspan="3">Non-Gravity</th> </tr> <tr> <th>R+</th> <th>R-</th> <th>Rh</th> <th>Rw</th> <th>U</th> <th>RL</th> </tr> </thead> <tbody> <tr> <td>E</td> <td>241</td> <td>/-</td> <td>/-</td> <td>/122</td> <td>/12</td> <td>/24</td> </tr> <tr> <td>D</td> <td>142</td> <td>/-</td> <td>/-</td> <td>/76</td> <td>/2</td> <td>/-</td> </tr> </tbody> </table> <p>Wind reactions based on MWFRS E Brg Wid = 4.0 Min Req = 1.5 (Truss) D Brg Wid = - Min Req = - Bearing E is a rigid surface.</p> <table border="1"> <thead> <tr> <th colspan="6">Maximum Top Chord Forces Per Ply (lbs)</th> </tr> <tr> <th rowspan="2">Chords</th> <th colspan="2">Tens.Comp.</th> <th rowspan="2">Chords</th> <th colspan="2">Tens. Comp.</th> </tr> </thead> <tbody> <tr> <td>A - B</td> <td>16</td> <td>0</td> <td>B - C</td> <td>8</td> <td>-34</td> </tr> </tbody> </table>	Loc	Gravity			Non-Gravity			R+	R-	Rh	Rw	U	RL	E	241	/-	/-	/122	/12	/24	D	142	/-	/-	/76	/2	/-	Maximum Top Chord Forces Per Ply (lbs)						Chords	Tens.Comp.		Chords	Tens. Comp.		A - B	16	0	B - C	8	-34
Loc	Gravity			Non-Gravity																																													
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Chords	Tens.Comp.		Chords	Tens. Comp.																																													
	A - B	16		0	B - C	8	-34																																										

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

Plating Notes
 All plates are 2X4 except as noted.

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

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 live load.

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

Additional Notes
 See DWGS A12015ENC160118, GBLLETIN0118, & GABRST160118 for gable wind bracing and other requirements.
 Lanai/Porch Loading : 14.7 PLF wind pressure applied to the bottom chord of the truss from 0.00 ft to 3.96 ft,

Maximum Bot Chord Forces Per Ply (lbs)					
Chords	Tens.Comp.				
	B - D	15	-10		

Maximum Gable Forces Per Ply (lbs)					
Gables	Tens.Comp.				
	C - D	88	-94		

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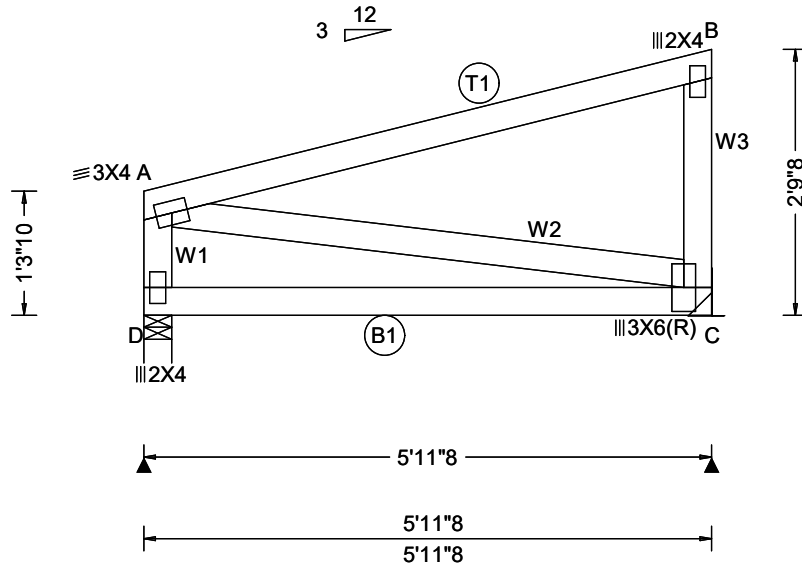


SEQN: 2176 / T7 / MONO
 FROM: Ply: 1 Qty: 1
 Wgt: 33.5 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **D1A**



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFERS 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: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15
Building Code: IRC 2021
TPI Std: 2014
Rep Fac: Yes
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s): WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): 0.000 B 999 240
VERT(CL): 0.001 B - -
HORZ(LL): -0.001 B - -
HORZ(TL): 0.001 A - -
Creep Factor: 2.0
Max TC CSI: 0.606
Max BC CSI: 0.377
Max Web CSI: 0.190
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs)						
Loc	Gravity			Non-Gravity		
	R+	R-	Rh	Rw	U	RL
D	240	-	-	/123	-	/50
C	240	-	-	/125	/11	-

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

Maximum Top Chord Forces Per Ply (lbs)		
Chords	Tens.Comp.	
A - B	20	-68

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

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

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

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

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.		
D - C	57	-155	

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
A - D	138	-181	B - C 176 -175
A - C	142	-35	

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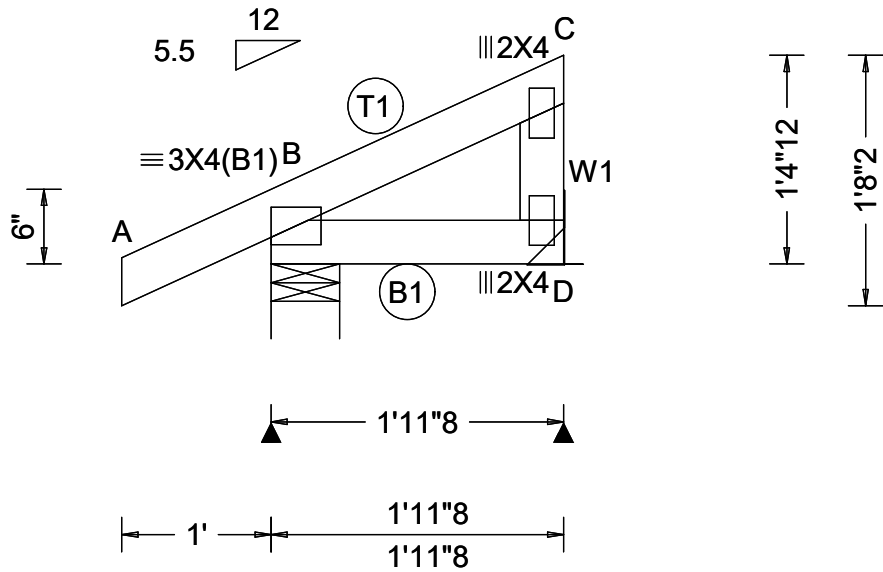


SEQN: 2178 / T9 / MONO
 FROM: Ply: 1 Qty: 5
 Wgt: 10.4 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **G2**



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15
Building Code: IRC 2021
TPI Std: 2014
Rep Fac: Yes
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s): WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): -0.000 C - -
HORZ(TL): 0.000 C - -
Creep Factor: 2.0
Max TC CSI: 0.076
Max BC CSI: 0.027
Max Web CSI: 0.018
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs)						
Loc	Gravity			Non-Gravity		
	R+	R-	Rh	Rw	U	RL
B	175	/-	/-	/103	/-	/25
D	52	/-	/-	/34	/3	/-
Wind reactions based on MWFRS						
B	Brg Wid = 5.5		Min Req = 1.5 (Truss)			
D	Brg Wid = -		Min Req = -			
Bearing B is a rigid surface.						
Maximum Top Chord Forces Per Ply (lbs)						
Chords	Tens.Comp.	Chords		Tens. Comp.		
A - B	28	0	B - C	15	-31	

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

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

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

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

Maximum Bot Chord Forces Per Ply (lbs)		
Chords	Tens.Comp.	
B - D	1	-1

Maximum Web Forces Per Ply (lbs)		
Webs	Tens.Comp.	
C - D	49	-37

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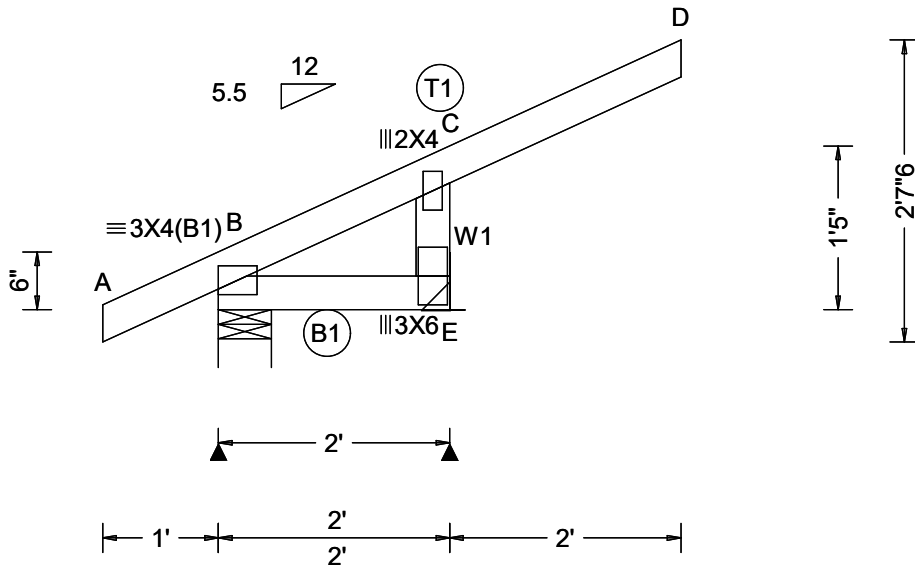


SEQN: 2180 / T12 / MONO
 FROM: Ply: 1 Qty: 5
 Wgt: 13.9 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **G1**



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 15.00 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 1.00
Snow Duration: 1.15
Building Code: IRC 2021
TPI Std: 2014
Rep Fac: Yes
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s): WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): NA
VERT(CL): NA
HORZ(LL): -0.001 B - -
HORZ(TL): 0.001 B - -
Creep Factor: 2.0
Max TC CSI: 0.300
Max BC CSI: 0.028
Max Web CSI: 0.122
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

Loc	▲ Maximum Reactions (lbs)		
	Gravity		Non-Gravity
R+	/R-	/Rh	/Rw /U /RL
B	105	/-	/67 /- /44
E	258	/-	/130 /47 /-
Wind reactions based on MWFRS			
B	Brg Wid = 5.5 Min Req = 1.5 (Truss)		
E	Brg Wid = - Min Req = -		
Bearing B is a rigid surface.			
Maximum Top Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	28	0	0 -55
B - C	56	-154	

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

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

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

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

Maximum Bot Chord Forces Per Ply (lbs)		
Chords	Tens.Comp.	
B - E	10	-8

Maximum Web Forces Per Ply (lbs)		
Webs	Tens.Comp.	
C - E	307	-248

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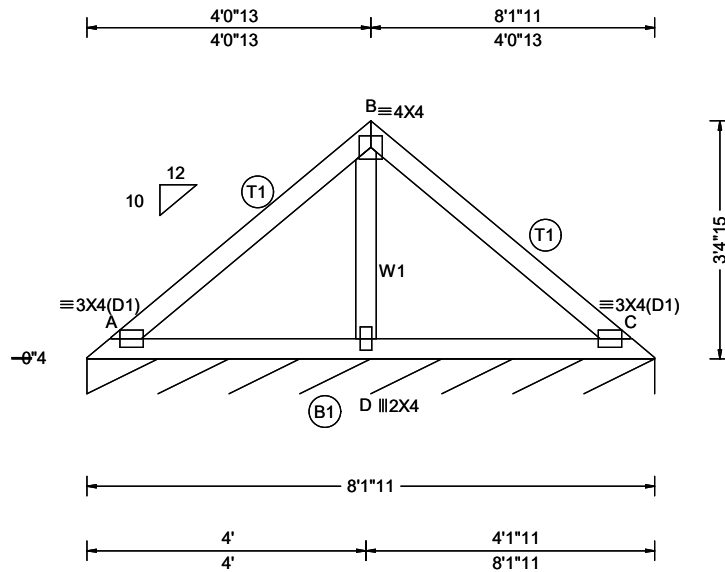


SEQN: 2130 / T10 / VAL
 FROM: Ply: 1 Qty: 1
 Wgt: 32.2 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW:
 ... / ... 11/06/2024

Truss Label: **V2**



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 22.25 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 0.93
Snow Duration: 1.15
Building Code: IRC 2021
TPI Std: 2014
Rep Fac: Yes
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s): WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): 0.006 C 999 240
VERT(CL): 0.013 C 999 180
HORZ(LL): -0.004 C - -
HORZ(TL): 0.008 C - -
Creep Factor: 2.0
Max TC CSI: 0.245
Max BC CSI: 0.192
Max Web CSI: 0.098
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs), or *PLF						
Gravity			Non-Gravity			
Loc	R+	/R-	/Rh	/Rw	/U	/RL
C*	86	/-	/-	/45	/2	/7
Wind reactions based on MWFRS						
C Brg Wid = 97.7 Min Req = -						
Bearing A is a rigid surface.						
Maximum Top Chord Forces Per Ply (lbs)						
Chords	Tens.Comp.		Chords	Tens. Comp.		
A - B	215	-95	B - C	204	-97	
Maximum Bot Chord Forces Per Ply (lbs)						
Chords	Tens.Comp.		Chords	Tens. Comp.		
A - D	158	-113	D - C	153	-104	

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

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
 See DWG VALTN160118 for valley details.

Maximum Web Forces Per Ply (lbs)				
Webs	Tens.Comp.			
D - B	213	-393		

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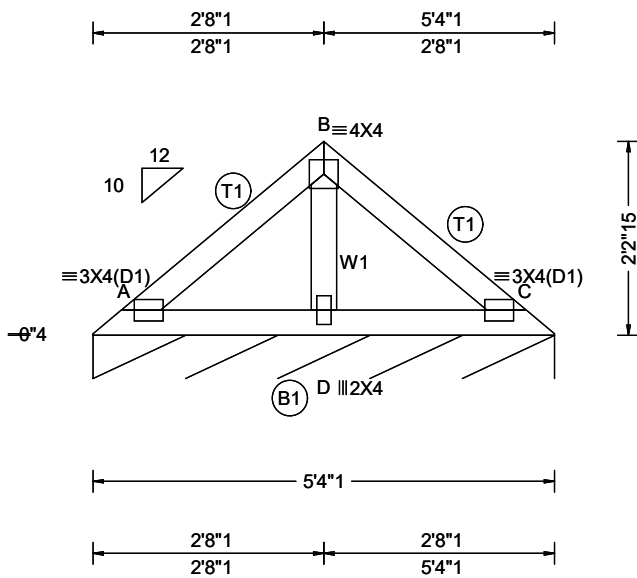


SEQN: 2132 / T13 / VAL
 FROM: Ply: 1 Qty: 1
 Wgt: 21.6 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **V1**



Loading Criteria (psf)
TCLL: 20.00
TCDL: 10.00
BCLL: 0.00
BCDL: 10.00
Des Ld: 40.00
NCBCLL: 10.00
Soffit: 2.00
Load Duration: 1.15
Spacing: 24.0 "

Wind Criteria
Wind Std: ASCE 7-16
Speed: 120 mph
Enclosure: Closed
Risk Category: II
EXP: B Kzt: NA
Mean Height: 22.83 ft
TCDL: 5.0 psf
BCDL: 5.0 psf
MWFRS Parallel Dist: 0 to h/2
C&C Dist a: 3.00 ft
Loc. from endwall: Any
GCpi: 0.18
Wind Duration: 1.60

Snow Criteria (Pg,Pf in PSF)
Pg: 20.0 Ct: 1.1 CAT: II
Pf: 15.4 Ce: 1.0
Lu: - Cs: 0.93
Snow Duration: 1.15
Building Code: IRC 2021
TPI Std: 2014
Rep Fac: Yes
FT/RT/PT: 20(0)/10(0)/2(0)
Plate Type(s): WAVE

Defl/CSI Criteria
PP Deflection in loc L/defl L/#
VERT(LL): 0.002 C 999 240
VERT(CL): 0.003 C 999 180
HORZ(LL): -0.001 C - -
HORZ(TL): 0.002 C - -
Creep Factor: 2.0
Max TC CSI: 0.089
Max BC CSI: 0.071
Max Web CSI: 0.043
Mfg Specified Camber:
VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs), or *PLF					
Gravity			Non-Gravity		
Loc	R+	/ R-	/ Rh	/ Rw	/ U / RL
C*	85	/-	/-	/44	/1 /6
Wind reactions based on MWFRS					
C Brg Wid = 64.1 Min Req = -					
Bearing A is a rigid surface.					
Maximum Top Chord Forces Per Ply (lbs)					
Chords		Tens.Comp.		Chords Tens. Comp.	
A - B	101	-36	B - C	101	-44
Maximum Bot Chord Forces Per Ply (lbs)					
Chords		Tens.Comp.		Chords Tens. Comp.	
A - D	89	-45	D - C	89	-45
Maximum Web Forces Per Ply (lbs)					
Webs		Tens.Comp.			
B - D	122	-208			

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

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
 See DWG VALTN160118 for valley details.

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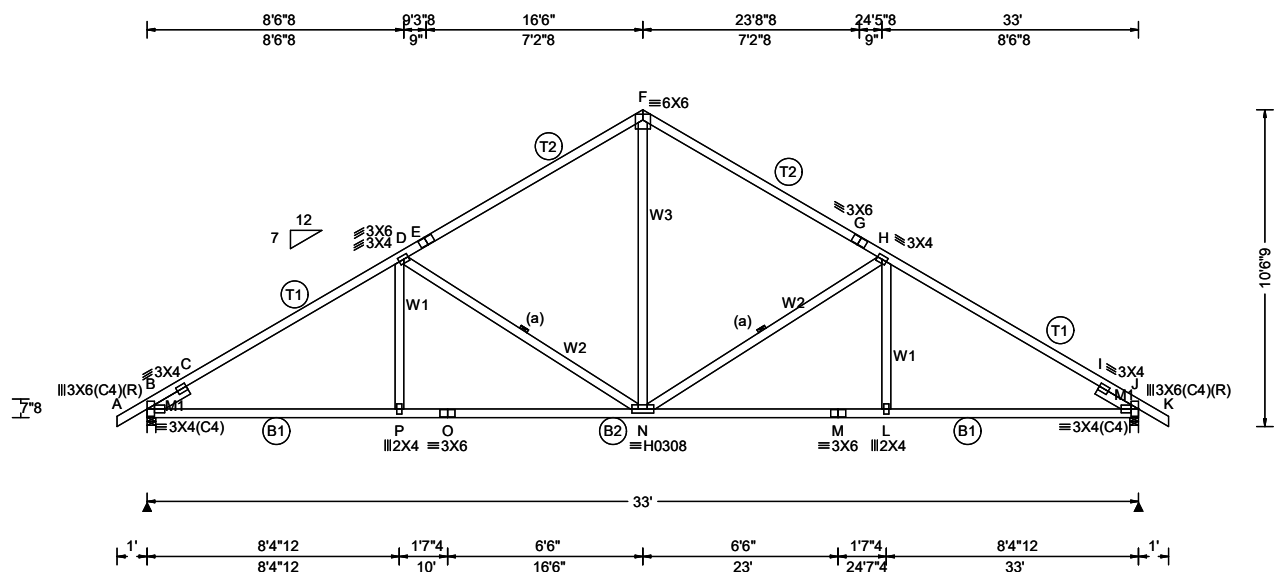


SEQN: 2132 / T14 / COMM
 FROM: Ply: 1 Qty: 1
 Wgt: 172.1 lbs

Job Number: Q2410-342
 The Farm at Neills Creek

DRW: ... / ...
 11/06/2024

Truss Label: **A2A**



Loading Criteria (psf)

TCLL: 20.00
 TCDD: 10.00
 BCCL: 0.00
 BCDL: 10.00
 Des Ld: 40.00
 NCBCCL: 10.00
 Soffit: 2.00
 Load Duration: 1.15
 Spacing: 24.0 "

Wind Criteria

Wind Std: ASCE 7-16
 Speed: 120 mph
 Enclosure: Closed
 Risk Category: II
 EXP: B Kzt: NA
 Mean Height: 23.62 ft
 TCDD: 5.0 psf
 BCDL: 5.0 psf
 MWFRS Parallel Dist: 0 to h/2
 C&C Dist a: 3.30 ft
 Loc. from endwall: Any
 GCpi: 0.18
 Wind Duration: 1.60

Snow Criteria (Pg, Pf in PSF)

Pg: 20.0 Ct: 1.1 CAT: II
 Pf: 15.4 Ce: 1.0
 Lu: - Cs: 1.00
 Snow Duration: 1.15

Building Code:
 IRC 2021
 TPI Std: 2014
 Rep Fac: Varies by Ld Case
 FT/RT/PT: 20(0)/10(0)/2(0)
 Plate Type(s):
 WAVE, HS

Defl/CSI Criteria

PP Deflection in loc L/defl L/#
 VERT(LL): 0.074 N 999 240
 VERT(CL): 0.153 N 999 180
 HORZ(LL): 0.042 J - -
 HORZ(TL): 0.086 J - -
 Creep Factor: 2.0
 Max TC CSI: 0.762
 Max BC CSI: 0.770
 Max Web CSI: 0.357
 Mfg Specified Camber:
 VIEW Ver: 23.02.04A.0207.13

▲ Maximum Reactions (lbs)

Loc	Gravity			Non-Gravity		
	R+	/R-	/Rh	/Rw	/U	/RL
B	1440	-	-	/806	/96	/182
J	1440	-	-	/806	/96	-

Wind reactions based on MWFRS
 B Brg Wid = 3.5 Min Req = 1.7 (Truss)
 J Brg Wid = 3.5 Min Req = 1.7 (Truss)
 Bearings B & J are a rigid surface.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	28 0	F - G	237 -1443
B - C	495 -2476	G - H	195 -1469
C - D	218 -2068	H - I	218 -2068
D - E	195 -1469	I - J	495 -2476
E - F	237 -1443	J - K	28 0

Lumber
 Top chord: 2x4 SP SS; T2 2x4 SP #2;
 Bot chord: 2x4 SP #2;
 Webs: 2x4 SP #3;
 Lt Slider: 2x4 SP #3; block length = 1.500'
 Rt Slider: 2x4 SP #3; block length = 1.500'

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

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 Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - P	1698 -82	N - M	1695 -83
P - O	1695 -82	M - L	1695 -83
O - N	1695 -82	L - J	1698 -83

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
P - D	323 0	N - H	154 -677
D - N	154 -677	H - L	323 0
F - N	862 -85		

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****IMPORTANT** FURNISH THIS DRAWING TO ALL CONTRACTORS INCLUDING THE INSTALLERS**
 Trusses require extreme care in fabricating, handling, shipping, installing and bracing. Refer to and follow the latest edition of BCSI (Building Component Safety Information, by TPI and SBCA) for safety practices prior to performing these functions. Installers shall provide temporary bracing per BCSI. Unless noted otherwise, top chord shall have properly attached structural sheathing and bottom chord shall have a properly attached rigid ceiling. Locations shown for permanent lateral restraint of webs shall have continuous lateral restraint (CLR), installed with diagonal bracing installed on the CLR per BCSI sections B3, B7, or B10, as applicable. Apply plates to each face of truss and position as shown above and on the Joint Details, unless noted otherwise. Refer to drawings 160A-Z for standard plate positions. Refer to job's General Notes page for additional information.
 Alpine, a division of ITW Building Components Group Inc. shall not be responsible for any deviation from this drawing, any failure to build the truss in conformance with ANSI/TPI 1, or for handling, shipping, installation and bracing of trusses. A seal on this drawing or cover page listing this drawing, indicates acceptance of professional engineering responsibility solely for the design shown. The suitability and use of this drawing for any structure is the responsibility of the Building Designer per ANSI/TPI 1 Sec.2.
 For more information see these web sites: Alpine: alpineitw.com; TPI: tpinst.org; SBCA: sbccomponents.com; ICC: iccsafe.org; AWC: awc.org

