

Conforms To:
 Bldg Code: NBCC 2015
 Design Criteria: Residential
 TPIC Std: TPIC 2014
 CSA Std: CSA 086-14

Loading Criteria (psf)
 TCLL: 42.25
 TCDL: 5.00
 BCLL: 0.00
 BCDL: 7.00

Wind Criteria
 q: NA
 Ref Ht: NA
 Calc'd Int. Press: NA
 Exposure: NA
 BLDG Cat: NA
 Ceiling Attached: NA
 TCDL: NA
 BCDL: NA
 Duration of Load: NA

Defl/CSI Criteria
 PP Deflection in loc L/def L/D
 VERT(LL): 0.005 F 999 360
 VERT(TL): 0.008 F 999 360
 HORZ(LL): -0.001 W - -
 HORZ(TL): -0.001 W - 1.00
 Creep Factor: 1.0
 Overhang: Non-removable
 Max TC CSI: 0.15
 Max BC CSI: 0.05
 Max Web CSI: 0.08

▲ Bearing Locations
 Loc Ht / W

A 16'1" / 42'

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
A	/8983	/0	/2047	/381	/0	/

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	398 -670	L - M	122 -130
B - C	58 -187	M - N	140 -104
C - D	74 -157	N - O	128 -114
D - E	90 -144	O - P	120 -119
E - F	0 -134	P - Q	111 -126
F - G	101 -51	Q - R	101 -51
G - H	111 -126	R - S	0 -134
H - I	120 -119	S - T	90 -144
I - J	128 -114	T - U	74 -157
J - K	140 -104	U - V	58 -187
K - L	122 -130	V - W	398 -670

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - AR	192 0	AH-AG	0 -19
AR-AQ	56 0	AG-AF	0 -13
AQ-AP	39 0	AF-AE	0 -7
AP-AO	26 0	AE-AD	0 -2
AO-AN	16 0	AD-AC	0 -2
AN-AM	7 -1	AC-AB	7 -1
AM-AL	0 -2	AB-AA	16 0
AL-AK	0 -2	AA - Z	26 0
AK-AJ	0 -7	Z - Y	39 0
AJ-AI	0 -13	Y - X	56 0
AI-AH	0 -19	X - W	192 0

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.Comp.	Gables	Tens. Comp.
B - AR	0 -893	AG - M	0 -870
C - AQ	0 -734	AF - N	0 -751
D - AP	0 -727	AE - O	0 -760
E - AO	0 -738	AC - P	0 -752
G - AN	0 -745	AB - Q	0 -745
H - AM	0 -752	AA - S	0 -738

Ground Snow Load: 73.00
 Rain Load: 2.10
 Cb: 0.55
 Cs: 1.00
 Cw: 1.00
 If: 1.00
 Slippery Roof: N/A
 Wind Exposed: N/A

Des Ld: 54.25
 Lumber Duration: 1.00
 Plate Duration: 1.00
 Spacing: 24.0"
 Load Sharing: Varies by Ld Case
 PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
 Plate Type: Wave-Canada

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Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
 Bot Chord: 2x4 SPF 2100Fb-1.8E;
 Webs: 2x4 SPF 2100Fb-1.8E;
 Lt Slider: 2x4 SPF 2100Fb-1.8E; block length = 3.012'
 Rt Slider: 2x4 SPF 2100Fb-1.8E; block length = 3.012'

Loading

Loading spec'd by auth. having jurisdiction @ time of design.
 Truss designed to support 2-6-0 top chord outlookers and cladding load not to exceed 4.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning. See A-100, Special Engineering Note 1 for handling instructions.
 Plates designed for fabrication using seasoned lumber.
 All plates are 2X4 except as noted.
 Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[3]	3X4	1.25 R	1.75	[4]	2X4	S	1.75
[6]	2X4	S	1.75	[8]	2X4	S	1.75
[10]	2X4	S	1.75	[13]	2X4	S	1.75
[15]	2X4	S	1.75	[18]	2X4	S	1.75
[20]	2X4	S	1.75	[22]	2X4	S	1.75
[24]	2X4	S	1.75	[25]	2X4	S	1.75
[27]	2X4	S	1.75	[29]	2X4	S	1.75
[32]	2X4	S	1.75	[34]	2X4	S	1.75
[37]	2X4	S	1.75	[39]	2X4	S	1.75
[41]	2X4	S	1.75	[43]	2X4	S	1.75
[44]	3X4	1.75 R	1.75				

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:
 Chord Spacing(in oc) Start(ft) End(ft)
 BC 120 0.00 42.00
 Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Additional Notes

Interaction equation as per Clause 6.5.10 of CSA-086-14.



SEQN: 10400 / T12 / GABL
FROM: AA
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Ply: 1
Qty: 1
Wgt: 257.6 lbs

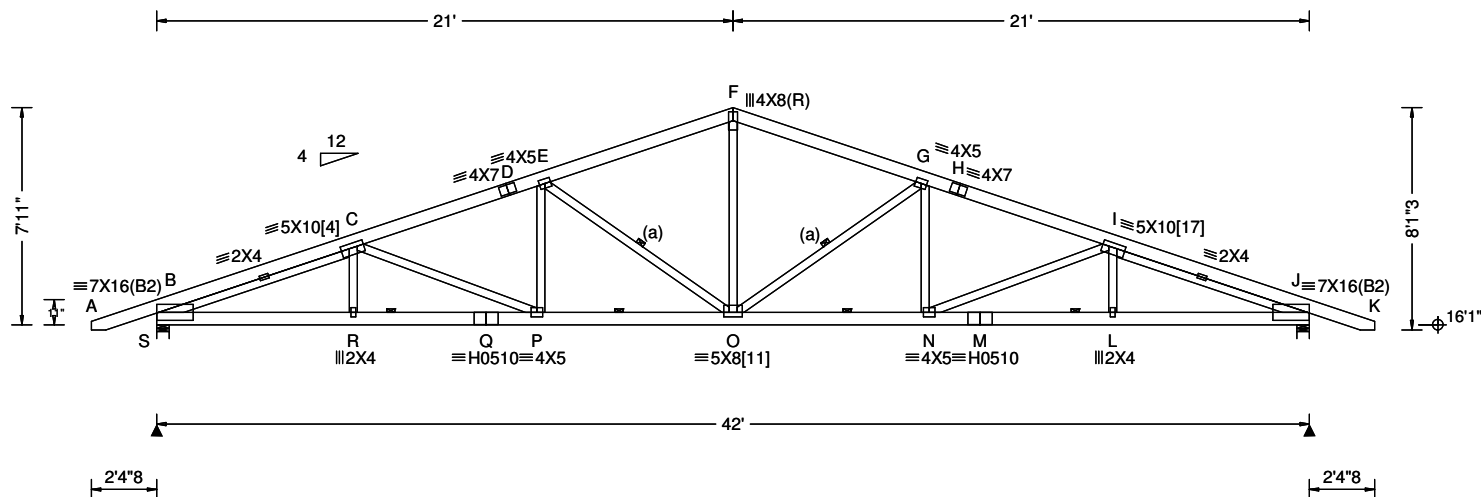
44536
Wood Creek (Doll) Roof Trusses
TR01

DRW:
... / ... 11/12/2021

I -AK	0	-760	Z - T	0	-727
J -AJ	0	-751	Y - U	0	-734
K -AI	0	-870	X - V	0	-893
L -AH	0	-659			



THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER IMPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR



Conforms To:
 Bldg Code: NBCC 2015
 Design Criteria: Commercial
 TPIC Std: TPIC 2014
 CSA Std: CSA 086-14

Loading Criteria (psf)
 TCCL: 60.50
 TCDL: 5.00
 BCLL: 10.00
 BCDL: 7.00

Wind Criteria
 q: NA
 Ref Ht: NA
 Calc'd Int. Press: NA
 Exposure: NA
 BLDG Cat: NA
 Ceiling Attached: NA
 TCDL: NA
 BCDL: NA
 Duration of Load: NA

Defl/CSI Criteria
 PP Deflection in loc L/def L/D
 VERT(LL): 0.437 O 999 360
 VERT(TL): 0.521 O 967 360
 HORZ(LL): 0.166 J - -
 HORZ(TL): 0.198 J - 1.00
 Creep Factor: 1.0
 Overhang: Non-removable
 Max TC CSI: 0.55
 Max BC CSI: 0.58
 Max Web CSI: 0.78

▲ Bearing Locations
 Loc Ht / W
 S 16'1" / 5'8"
 J 16'1" / 5'8"

Ground Snow Load: 73.00
 Rain Load: 2.10
 Cb: 0.80
 Cs: 1.00
 Cw: 1.00
 If: 1.00
 Slippery Roof: N
 Wind Exposed: N

Des Ld: 82.50
 Lumber Duration: 1.00
 Plate Duration: 1.00
 Spacing: 24.0"
 Load Sharing: Yes

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
 Plate Type: Wave-Canada, HS-Canada

VIEW Ver: 20.02.00A.1020.21

▲ Bearing Reactions (lbs)
 Loc / S / L / D / F / Hz / U
 S / 2828 / 419 / 527 / 5322 / 0 /
 J / 2828 / 419 / 527 / 5322 / 0 /

Lumber
 Top Chord: 2x6 SPF 2100Fb-1.8E;
 Bot Chord: 2x6 SPF 2100Fb-1.8E;
 Webs: 2x4 SPF 2100Fb-1.8E;
 Lt Slider: 2x4 SPF 2100Fb-1.8E; block length = 7.322'
 Rt Slider: 2x4 SPF 2100Fb-1.8E; block length = 7.322'

Loading
 Component is designed for unbalanced loading per Part 4 of NBCC current edition.
 Note: This truss is not designed with any additional loads due to snow build up that may occur on the top chord due to drifting or sliding snow from adjacent or nearby structures.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	168	0	F - G	0	-7427
B - C	0	-11017	G - H	0	-9302
C - D	0	-9651	H - I	0	-9651
D - E	0	-9302	I - J	0	-11017
E - F	0	-7427	J - K	168	0

Bracing
 (a) 2x4 SPF #3 or better continuous lateral bracing to be eq. spaced. Attach w/(2) 3.0" nails. Bracing material supplied & attached to permanent building bracing by Erection Contractor. Design of permanent building bracing system by Project Engineer of Record. Diag. Brace anchors are required for each braced web, See WWTA Technical Guideline "Anchoring Permanent Web Bracing" for details

Special Note: Loading to be verified by Project Engineer or authority having jurisdiction prior to fabrication.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - R	10088	0	O - N	8942	0
R - Q	10092	0	N - M	10092	0
Q - P	10092	0	M - L	10092	0
P - O	8942	0	L - J	10088	0

Plating Notes
 See A-100, Specification Note 7.E for standard plate positioning. See A-100, Special Engineering Note 1 for handling instructions.

Plates designed for fabrication using seasoned lumber.
 Handling stresses not considered for the plates.
 Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Maximum Web Forces Per Ply (lbs)

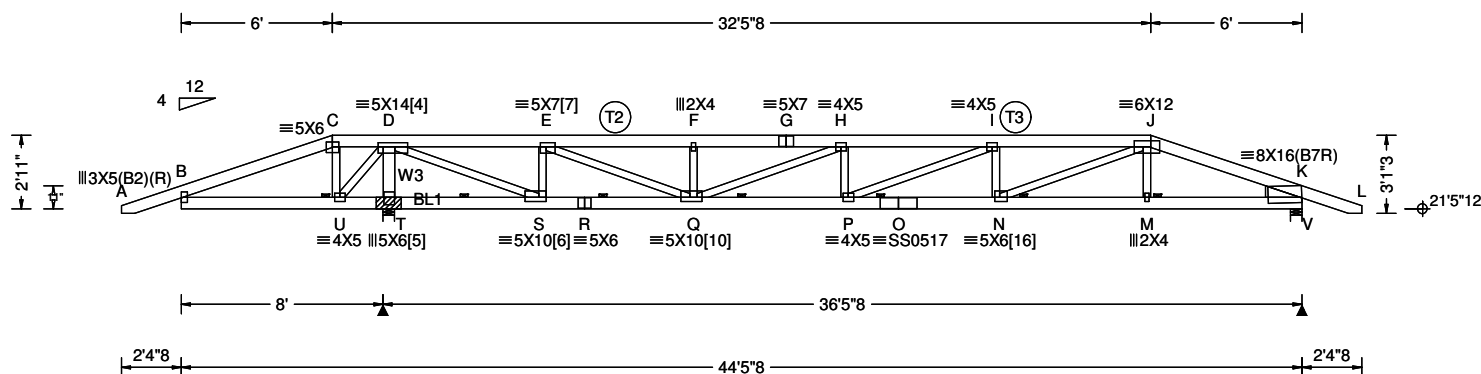
Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - R	274	0	O - G	0	-3132
C - P	19	-1666	G - N	926	0
P - E	926	0	N - I	19	-1666
E - O	0	-3132	L - I	274	0
F - O	3459	0			

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[4]	5X10	6.34	R 2.00	[11]	5X8	S	2.00
[17]	5X10	7.34	R 2.00				

Purlins
 In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:
 Chord Spacing(in oc) Start(ft) End(ft)
 BC 120 0.00 42.00
 Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.
 Purlins to be attached to permanent building bracing. Design of purlin, purlin attachment & permanent bracing system as per Project Engineer of Record.





Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: No

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada, 18SS-Canada

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/defl L/D
VERT(LL): 0.513 G 846 360
VERT(TL): 0.836 G 520 360
HORZ(LL): 0.073 K - -
HORZ(TL): 0.120 K - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.41
Max BC CSI: 0.80
Max Web CSI: 0.64

VIEW Ver: 20.02.00A.1020.21

▲ Bearing Locations

Loc	Ht	W
T	21'5"12	5'8"
V	21'5"12	5'8"

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
T	/4318	/0	/1273	/8068	/0	/
V	/2600	/0	/765	/4856	/0	/

Lumber
Top Chord: 2x6 HF 1800Fb-1.6E; T2,
T3 2x6 SPF 2100Fb-1.8E;
Bot Chord: 2x6 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;
W3 2x6 SPF 2100Fb-1.8E;
Rt Wedge: 2x6 SPF 2100Fb-1.8E;

Plate Shift Table

JT	Plate	Lateral	Chord	JT	Plate	Lateral	Chord
No	Size	Shift	Bite	No	Size	Shift	Bite
[4]	5X14	2.50	L 2.00	[5]	5X6	S	3.50
[6]	5X10	O	2.00	[7]	5X7	2.75	L 2.00
[10]	5X10	4.25	L 2.00	[16]	5X6	2.25	L 2.00

Purlins
In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:
Chord Spacing(in oc) Start(ft) End(ft)
BC 75 0.00 44.46
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading
Loading spec'd by auth. having jurisdiction @ time of design.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	52 0	G - H	0 -7036
B - C	1219 0	H - I	0 -8358
C - D	1154 0	I - J	0 -7663
D - E	0 -3468	J - K	0 -5339
E - F	0 -7036	K - L	52 0
F - G	0 -7036		

Nailnote
Nail Schedule: 3.0" common nails
TOP CHORD: 2 ROWS @16.00" o.c. (Each Row)
BOT CHORD: 2 ROWS @16.00" 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
Resid.Ld[3SL]- 3
(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

From	S/	L/	W/	D	plf	To	S/	L/	W/	D	plf
TC:	-2.38	85/	0/	0/10		6.06	85/	0/	0/10		
TC:	6.06	42/	0/	0/ 5		38.40	42/	0/	0/ 5		
TC:	38.40	85/	0/	0/10		46.83	85/	0/	0/10		
BC:	0.00	0/	0/	0/ 7		44.46	0/	0/	0/ 7		
TC:	341/0/0/57	lb Conc.	Load at	6.03,38.43							
TC:	199/0/0/28	lb Conc.	Load at	8.06, 8.40,10.40,12.40							
	14.40,16.40,18.40,20.40,22.40,24.40,26.40,28.40										
	30.40,32.40,34.40,36.40										
BC:	0/0/0/28	lb Conc.	Load at	2.06,42.40							
BC:	0/0/0/37	lb Conc.	Load at	4.06,40.40							
BC:	15/0/0/39	lb Conc.	Load at	6.06, 8.06, 8.40,10.40							
	12.40,14.40,16.40,18.40,20.40,22.40,24.40,26.40										
	28.40,30.40,32.40,34.40,36.40,38.40										

Bearing Block(s)
Brg blocks: 3.0" common nails
brg x-loc #blocks length/blk #nails/blk
1 8.000' 1 12" 12
Brg block to be same size and species as chord.
Refer to drawing CNNAILSP1014 for more information.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - U	0 -1067	Q - P	8372 0
U - T	0 -1674	P - O	7784 0
T - S	0 -1674	O - N	7784 0
S - R	3714 0	N - M	4865 0
R - Q	3714 0	M - K	4857 0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - U	0 -729	Q - H	0 -1449
U - D	838 0	H - P	44 -117
D - T	0 -3697	P - I	625 0
D - S	5566 0	I - N	0 -1034
S - E	0 -2086	N - J	3022 0
E - Q	3604 0	M - J	128 0
F - Q	0 -689		

Plating Notes
See A-100, Specification Note 7.E for standard plate positioning. See A-100, Special Engineering Note 1 for handling instructions.
Plates designed for fabrication using seasoned lumber.
Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Plating Notes
See A-100, Specification Note 7.E for standard plate positioning. See A-100, Special Engineering Note 1 for handling instructions.
Plates designed for fabrication using seasoned lumber.
Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Plating Notes
See A-100, Specification Note 7.E for standard plate positioning. See A-100, Special Engineering Note 1 for handling instructions.
Plates designed for fabrication using seasoned lumber.
Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Plating Notes
See A-100, Specification Note 7.E for standard plate positioning. See A-100, Special Engineering Note 1 for handling instructions.
Plates designed for fabrication using seasoned lumber.
Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - U	0 -729	Q - H	0 -1449
U - D	838 0	H - P	44 -117
D - T	0 -3697	P - I	625 0
D - S	5566 0	I - N	0 -1034
S - E	0 -2086	N - J	3022 0
E - Q	3604 0	M - J	128 0
F - Q	0 -689		



SEQN: 10491 / T5 / HIPS
FROM: AA
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Ply: 2
Qty: 1
Wgt: 568.4 lbs

44536
Wood Creek (Doll) Roof Trusses
TR03

DRW:
... / ... 11/12/2021

Additional Notes

Interaction equation as per Clause 6.5.10 of
CSA-O86-14.

Warning: Component is designed to bear at specific
locations.

Flat roof factor used in this truss design.



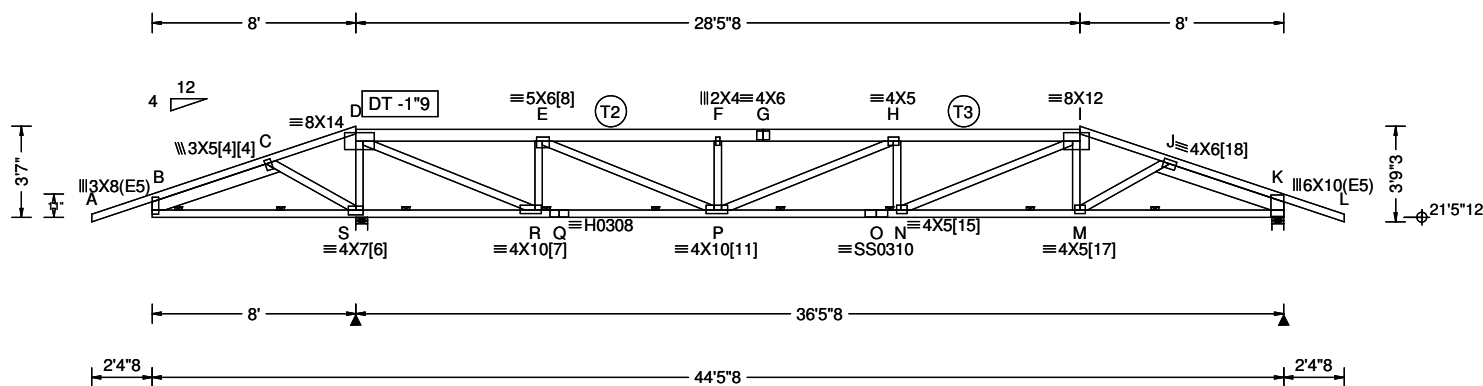
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10499 / T3 / HIPS
FROM: AA

Ply: 1
Qty: 1
Wgt: 263.2 lbs

44536
Wood Creek (Doll) Roof Trusses
TR04

DRW: ... / ...
11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/defl L/D
VERT(LL): 0.468 G 935 360
VERT(TL): 0.749 G 584 360
HORZ(LL): 0.091 K - -
HORZ(TL): 0.146 K - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.41
Max BC CSI: 1.00
Max Web CSI: 0.48

▲ Bearing Locations
Loc Ht / W

S 21'5"12 5'8
K 21'5"12 5'8

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
S	/2535	/0	/679	/4652	/0	/
K	/1622	/0	/434	/2977	/0	/

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada, HS-Canada, 18SS-Canada

VIEW Ver: 20.02.00A.1020.21

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E; T2,
T3 2x6 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;
Lt Slider: 2x6 SPF 2100Fb-1.8E; block length = 5.239'
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 5.239'

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning. See A-100, Special Engineering Note 1 for handling instructions.

Plates designed for fabrication using seasoned lumber.

Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[4]	3X5	2.50	R 1.75	[6]	4X7	S	2.25
[7]	4X10	3.00	R 1.75	[8]	5X6	2.75	L 2.00
[11]	4X10	2.75	R 1.75	[15]	4X5	2.00	L 1.75
[17]	4X5	S	1.75	[18]	4X6	S	1.75

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
BC	61	0.00	44.46

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes

Interaction equation as per Clause 6.5.10 of CSA-O86-14.

Warning: Component is designed to bear at specific locations.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	105 0	G - H	0 -6550
B - C	1772 -47	H - I	0 -7194
C - D	2654 0	I - J	0 -5285
D - E	0 -3313	J - K	0 -5320
E - F	0 -6550	K - L	105 0
F - G	0 -6550		

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - S	0 -1515	P - O	7269 0
S - R	0 -2489	O - N	7269 0
R - Q	3542 0	N - M	4976 0
Q - P	3542 0	M - K	4718 0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - S	0 -1130	P - H	0 -788
D - S	0 -3928	H - N	0 -885
D - R	6356 0	N - I	2425 0
R - E	0 -2523	I - M	84 -24
E - P	3293 0	M - J	299 0
F - P	0 -887		



Box 928, Salmon Arm, B.C. V1E 4P1

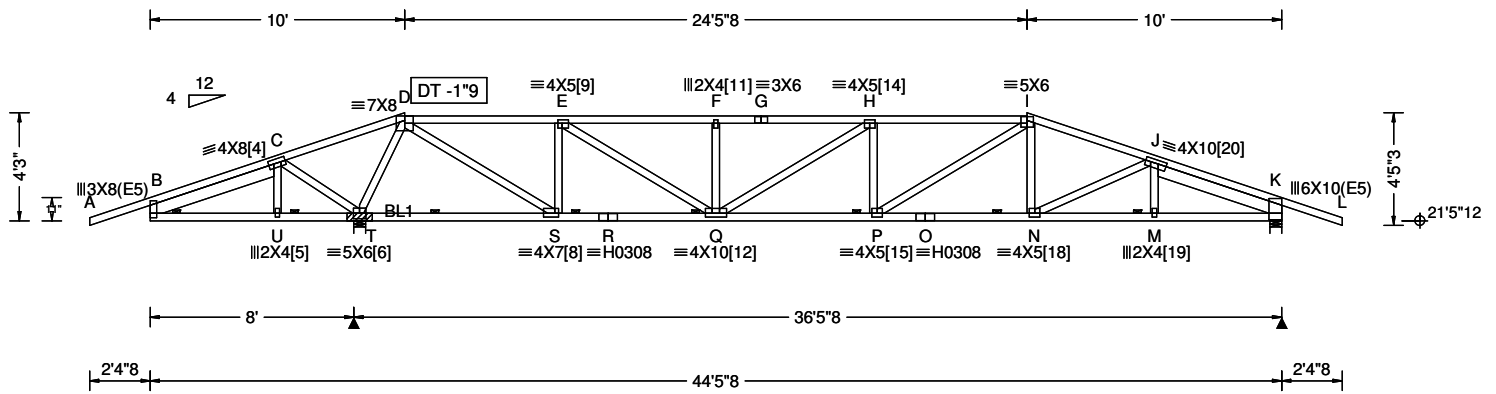
THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10502 / T4 / HIPS
FROM: AA

Ply: 1
Qty: 1
Wgt: 254.8 lbs

44536
Wood Creek (Doll) Roof Trusses
TR05

DRW: ... / ...
11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/defl L/D
VERT(LL): 0.384 G 999 360
VERT(TL): 0.615 G 707 360
HORZ(LL): 0.085 K - -
HORZ(TL): 0.137 K - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.84
Max BC CSI: 0.96
Max Web CSI: 0.58

▲ Bearing Locations
Loc Ht / W

T 21'5"12 5"8
K 21'5"12 5"8

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
T	/2551	/0	/683	/4681	/0	/
K	/1606	/0	/430	/2948	/0	/

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada, HS-Canada

VIEW Ver: 20.02.00A.1020.21

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;
Lt Slider: 2x6 SPF 2100Fb-1.8E; block length = 5.217'
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 5.217'

Bearing Block(s)

Brg blocks: 3.0" common nails
brg x-loc #blocks length/blk #nails/blk
1 8.000' 1 12" 5
Brg block to be same size and species as chord.
Refer to drawing CNNAILSP1014 for more information.

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning. See A-100, Special Engineering Note 1 for handling instructions.

Plates designed for fabrication using seasoned lumber.

Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Additional Notes

Interaction equation as per Clause 6.5.10 of CSA-O86-14.

Warning: Component is designed to bear at specific locations.

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[4]	4X8	5.59	R 2.00	[5]	2X4	S	1.75
[6]	5X6	S	2.50	[8]	4X7	1.75	R 1.75
[9]	4X5	2.00	L 1.75	[11]	2X4	S	1.75
[12]	4X10	S	1.75	[14]	4X5	S	1.75
[15]	4X5	S	1.75	[18]	4X5	S	1.75
[19]	2X4	S	1.75	[20]	4X10	7.59	R 1.75

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
BC	73	0.00	44.46

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	105	G - H	0 -5080
B - C	1837	H - I	0 -5705
C - D	2796	I - J	0 -4997
D - E	0 -2848	J - K	0 -5383
E - F	0 -5080	K - L	105 0
F - G	0 -5080		

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - U	0 -1565	Q - P	5745 0
U - T	0 -1564	P - O	4624 0
T - S	0 -833	O - N	4624 0
S - R	3019 0	N - M	4805 0
R - Q	3019 0	M - K	4804 0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - U	53 0	Q - H	0 -788
C - T	0 -1238	H - P	0 -605
T - D	0 -4221	P - I	1288 0
D - S	4403 0	I - N	198 0
S - E	0 -2313	N - J	0 -184
E - Q	2439 0	M - J	81 0
F - Q	0 -776		



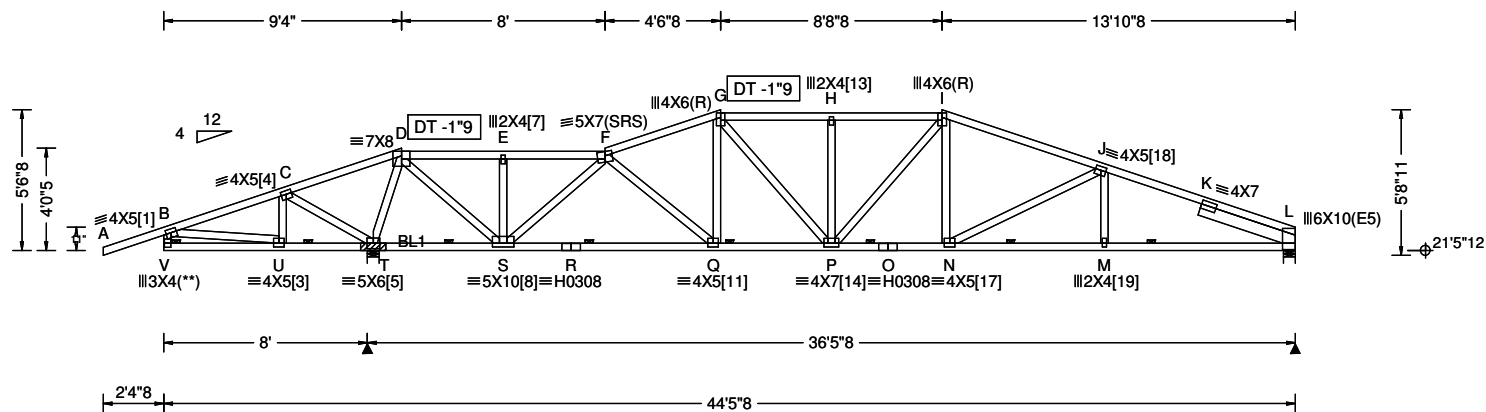
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10571 / T16 / SPEC
FROM: AA

Ply: 1
Qty: 1
Wgt: 254.8 lbs

44536
Wood Creek (Doll) Roof Trusses
TR07

DRW: ... / ...
11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/defl L/D
VERT(LL): 0.308 N 999 360
VERT(TL): 0.496 N 876 360
HORZ(LL): 0.115 K - -
HORZ(TL): 0.185 K - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.66
Max BC CSI: 0.95
Max Web CSI: 0.59

▲ Bearing Locations
Loc Ht / W
T 21'5"12 5"8
L 21'5"12 5"8

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes
PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada, HS-Canada

VIEW Ver: 20.02.00A.1020.21

▲ Bearing Reactions (lbs)
Loc / S / L / D / F / Hz / U
T / 2557 / 0 / 684 / 4692 / 0 /
L / 1399 / 0 / 406 / 2607 / 0 /

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.976'

Bearing Block(s)

Brg blocks: 3.0" common nails
brg x-loc #blocks length/blk #nails/blk
1 8.000' 1 12" 4
Brg block to be same size and species as chord.
Refer to drawing CNNALSP1014 for more information.

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning. See A-100, Special Engineering Note 1 for handling instructions.
Plates designed for fabrication using seasoned lumber.
(**) Warning! 1 plate(s) have been repositioned by the truss designer. Special positioning required.
Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Additional Notes

Interaction equation as per Clause 6.5.13 of CSA-O86-14.
Warning: Component is designed to bear at specific locations.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	105	0	G - H	0	-4257
B - C	1695	0	H - I	0	-4257
C - D	2785	0	I - J	0	-4466
D - E	0	-1537	J - K	0	-5274
E - F	0	-1537	K - L	0	-5483
F - G	0	-3960			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
V - U	0	0	Q - P	3660	0
U - T	0	-1546	P - O	4081	0
T - S	0	-1391	O - N	4081	0
S - R	3536	0	N - M	4893	0
R - Q	3536	0	M - L	4894	0

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[1]	4X5	S	1.75	[3]	4X5	S	1.75
[4]	4X5	S	1.75	[5]	5X6	S	2.50
[7]	2X4	S	1.75	[8]	5X10	S	1.75
[11]	4X5	S	1.75	[13]	2X4	S	1.75
[14]	4X7	S	1.75	[17]	4X5	S	1.75
[18]	4X5	S	1.75	[19]	2X4	S	1.75

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:
Chord Spacing(in oc) Start(ft) End(ft)
BC 74 0.00 44.46
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.



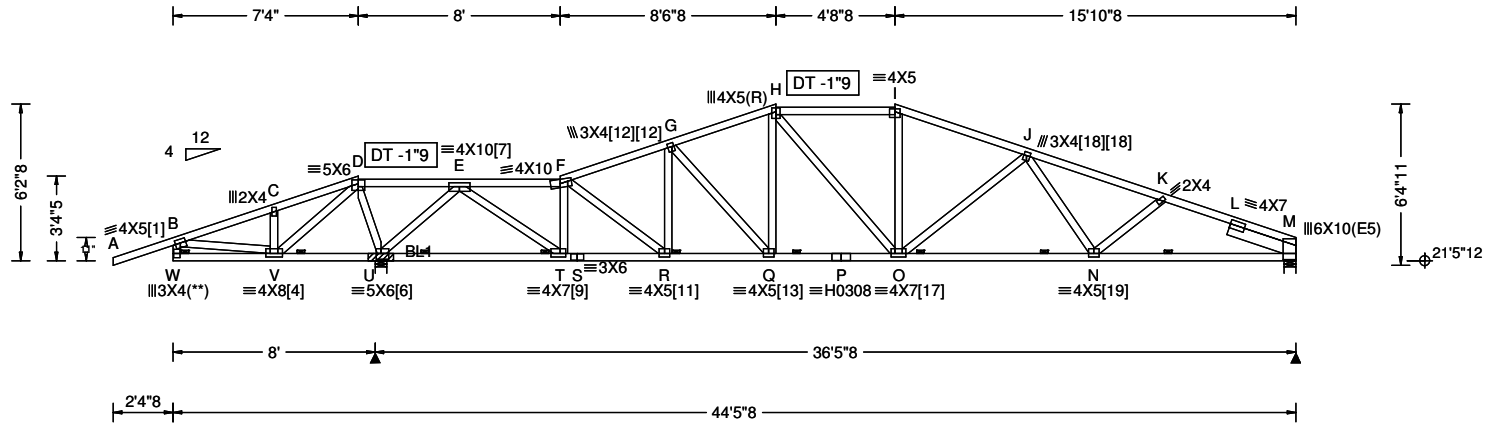
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10561 / T1 / SPEC
FROM: AA

Ply: 1
Qty: 1
Wgt: 256.9 lbs

44536
Wood Creek (Doll) Roof Trusses
TR08

DRW: ... / ...
11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/defl L/D
VERT(LL): 0.305 J 999 360
VERT(TL): 0.490 J 887 360
HORZ(LL): 0.111 L - -
HORZ(TL): 0.178 L - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.67
Max BC CSI: 0.94
Max Web CSI: 0.58

▲ Bearing Locations
Loc Ht / W

U 21'5"12 5"8
M 21'5"12 5"8

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
U	/2557	/0	/684	/4692	/0	/
M	/1399	/0	/406	/2607	/0	/

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada, HS-Canada

VIEW Ver: 20.02.00A.1020.21

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 2.824'

Bearing Block(s)

Brg blocks: 3.0" common nails
brg x-loc #blocks length/blk #nails/blk
1 8.000' 1 12" 6
Brg block to be same size and species as chord.
Refer to drawing CNNALSP1014 for more information.

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning. See A-100, Special Engineering Note 1 for handling instructions.

Plates designed for fabrication using seasoned lumber.

(**) Warning! 1 plate(s) have been repositioned by the truss designer. Special positioning required.

Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Additional Notes

Interaction equation as per Clause 6.5.13 of CSA-O86-14.

Warning: Component is designed to bear at specific locations.

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[1]	4X5	S	1.75	[4]	4X8	S	1.75
[6]	5X6	2.25 L	2.75	[7]	4X10	S	1.75
[9]	4X7	2.50 R	1.75	[11]	4X5	S	1.75
[12]	3X4	2.00 L	1.75	[13]	4X5	S	1.75
[17]	4X7	S	1.75	[18]	3X4	1.75 R	1.75
[19]	4X5	S	1.75				

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
BC	63	0.00	44.46

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	105 0	G - H	0 -3797
B - C	1574 0	H - I	0 -3721
C - D	1569 0	I - J	0 -4067
D - E	2833 0	J - K	0 -5032
E - F	0 -3162	K - L	0 -5196
F - G	0 -3993	L - M	0 -5448

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
W - V	0 0	R - Q	3717 0
V - U	0 -2324	Q - P	3498 0
U - T	205 0	P - O	3498 0
T - S	3157 0	O - N	4629 0
S - R	3157 0	N - M	4759 0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - W	33 0	R - G	27 -329
B - V	0 -1446	G - Q	0 -312
C - V	0 -514	Q - H	303 0
V - D	1188 0	H - O	349 0
D - U	0 -1765	I - O	605 0
U - E	0 -4178	O - J	0 -1151
E - T	3663 0	J - N	141 0
F - T	0 -2076	N - K	60 -73
F - R	670 0		



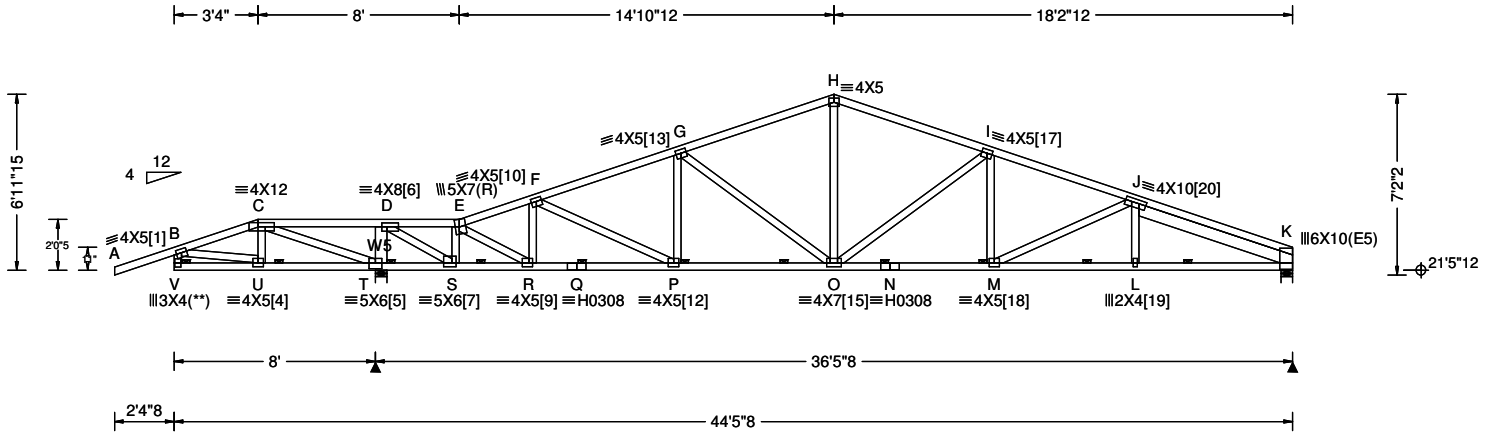
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10542 / T18 / SPEC
FROM: AA

Ply: 1
Qty: 1
Wgt: 255.5 lbs

44536
Wood Creek (Doll) Roof Trusses
TR10

DRW:
... / ... 11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: No

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada, HS-Canada

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/defl L/D
VERT(LL): 0.257 N 999 360
VERT(TL): 0.416 N 999 360
HORZ(LL): 0.082 K - -
HORZ(TL): 0.133 K - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.82
Max BC CSI: 0.98
Max Web CSI: 0.86

VIEW Ver: 20.02.00A.1020.21

▲ Bearing Locations
Loc Ht / W
T 21'5"12 5'8
K 21'5"12 5'8

▲ Bearing Reactions (lbs)
Loc / S / L / D / F / Hz / U
T / 2588 / 0 / 729 / 4794 / 0 /
K / 1412 / 0 / 407 / 2628 / 0 /

Lumber
Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;
W5 2x6 SPF 2100Fb-1.8E;
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 6.535'

Special Loads
Resid.Ld[3SL]- 3
(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

From	S/	L/	W/	D	plf	To	S/	L/	W/	D	plf
TC:	2.38	85/	0/	0/10		2.06	85/	0/	0/10		
TC:	2.06	42/	0/	0/ 5		7.94	42/	0/	0/ 5		
TC:	7.94	85/	0/	0/10		44.46	85/	0/	0/10		
BC:	0.00	0/	0/	0/ 7		7.94	0/	0/	0/ 7		
BC:	7.94	0/	0/	0/14		44.46	0/	0/	0/14		
TC:	74/0/0/11	lb Conc.	Load at	4.06, 6.06, 7.94							
BC:	69/0/0/37	lb Conc.	Load at	2.06							
BC:	0/0/0/20	lb Conc.	Load at	4.06, 6.06, 7.94							

Purlins
In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:
Chord Spacing(in oc) Start(ft) End(ft)
BC 51 0.00 44.46
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading
Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes
Interaction equation as per Clause 6.5.10 of CSA-O86-14.
Warning: Component is designed to bear at specific locations.

Maximum Top Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.

A - B	105	0	F - G	0	-4193
B - C	1484	0	G - H	0	-3617
C - D	4591	0	H - I	0	-3617
D - E	0	-185	I - J	0	-4873
E - F	0	-3127	J - K	0	-5625

Maximum Bot Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.

V - U	0	0	P - O	3889	0
U - T	0	-1395	O - N	4490	0
T - S	0	-3683	N - M	4490	0
S - R	608	0	M - L	5072	0
R - Q	3050	0	L - K	5070	0
Q - P	3050	0			

Plating Notes
See A-100, Specification Note 7.E for standard plate positioning. See A-100, Special Engineering Note 1 for handling instructions.
Plates designed for fabrication using seasoned lumber.
(**) Warning! 1 plate(s) have been repositioned by the truss designer. Special positioning required.
Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[1]	4X5	S	1.75	[4]	4X5	S	1.75
[5]	5X6	S	2.75	[6]	4X8	5.50 R	1.75
[7]	5X6	2.00 R	1.75	[9]	4X5	1.75 R	1.75
[10]	4X5	S	1.75	[12]	4X5	S	1.75
[13]	4X5	S	1.75	[15]	4X7	S	1.75
[17]	4X5	S	1.75	[18]	4X5	S	1.75
[19]	2X4	S	1.75	[20]	4X10	7.09 R	1.75

Maximum Web Forces Per Ply (lbs)
Webs Tens.Comp. Webs Tens. Comp.

B - V	61	0	F - P	919	0
B - U	0	-1418	P - G	53	-304
C - U	407	0	G - O	0	-767
C - T	0	-3409	O - I	0	-1521
T - D	0	-3557	H - O	1503	0
D - S	4641	0	I - M	376	0
S - E	0	-2642	M - J	0	-623
E - R	2735	0	L - J	109	0
R - F	0	-1367			



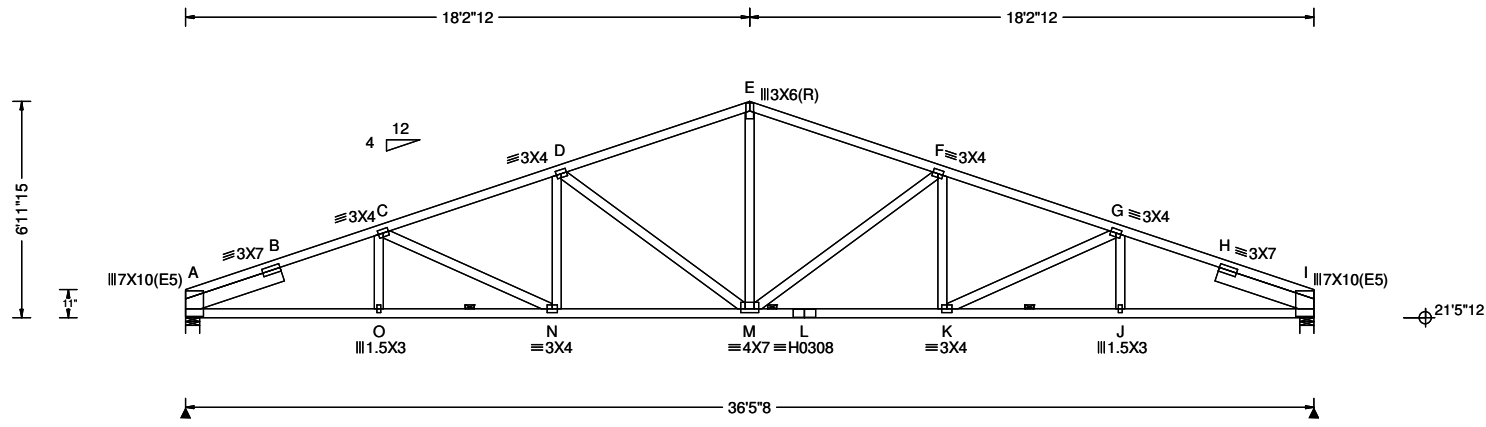
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10511 / T15 / COMN
FROM: AA

Ply: 1
Qty: 2
Wgt: 197.4 lbs

44536
Wood Creek (Doll) Roof Trusses
TR11

DRW: ... / ...
11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00
Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/def L/D
VERT(LL): 0.426 L 999 360
VERT(TL): 0.689 L 634 360
HORZ(LL): 0.156 H - -
HORZ(TL): 0.252 H - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.67
Max BC CSI: 0.77
Max Web CSI: 0.83

▲ Bearing Locations
Loc Ht / W

A 21'5"12 5'8
I 21'5"12 5'8

▲ Bearing Reactions (lbs)
Loc / S / L / D / F / Hz / U

A / 1540 / 0 / 437 / 2857 / 0 /
I / 1540 / 0 / 437 / 2857 / 0 /

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada, HS-Canada

VIEW Ver: 20.02.00A.1020.21

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;
Lt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.318'
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.318'

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.
Plates designed for fabrication using seasoned lumber.
Handling stresses not considered for the plates.
Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:
Chord Spacing(in oc) Start(ft) End(ft)
BC 120 0.00 36.46
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes

Interaction equation as per Clause 6.5.13 of CSA-O86-14.

Maximum Top Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.

A - B 0 -6039 E - F 0 -4275
B - C 0 -5808 F - G 0 -5487
C - D 0 -5487 G - H 0 -5808
D - E 0 -4275 H - I 0 -6039

Maximum Bot Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.

A - O 5355 0 L - K 5113 0
O - N 5357 0 K - J 5357 0
N - M 5113 0 J - I 5355 0
M - L 5113 0

Maximum Web Forces Per Ply (lbs)
Webs Tens.Comp. Webs Tens. Comp.

O - C 79 -39 M - F 0 -1526
C - N 0 -256 F - K 266 0
N - D 266 0 K - G 0 -256
D - M 0 -1526 G - J 79 -39
E - M 1947 0



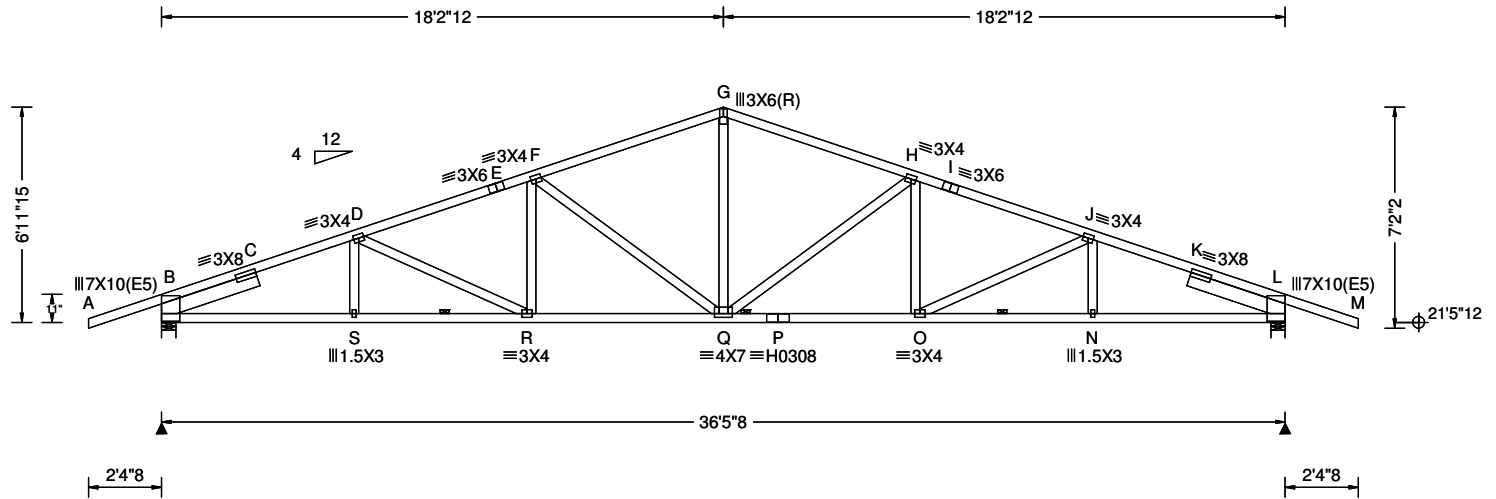
THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10449 / T20 / COMN
FROM: AA

Ply: 1
Qty: 3
Wgt: 203.0 lbs

44536
Wood Creek (Doll) Roof Trusses
TR12

DRW: ... / ...
11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00
Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/def L/D
VERT(LL): 0.458 E 955 360
VERT(TL): 0.732 E 597 360
HORZ(LL): 0.167 K - -
HORZ(TL): 0.267 K - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.72
Max BC CSI: 0.84
Max Web CSI: 0.81

▲ Bearing Locations
Loc Ht / W
B 21'5"12 5"8
L 21'5"12 5"8

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada, HS-Canada

VIEW Ver: 20.02.00A.1020.21

▲ Bearing Reactions (lbs)
Loc / S / L / D / F / Hz / U
B / 1741 / 0 / 461 / 3188 / 0 /
L / 1741 / 0 / 461 / 3188 / 0 /

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;
Lt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.318'
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.318'

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.
Plates designed for fabrication using seasoned lumber.
Handling stresses not considered for the plates.
Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:
Chord Spacing(in oc) Start(ft) End(ft)
BC 120 0.00 36.46
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes

Interaction equation as per Clause 6.5.13 of CSA-O86-14.

Maximum Top Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.

A - B	105	0	G - H	0	-4213
B - C	0	-5880	H - I	0	-5199
C - D	0	-5640	I - J	0	-5397
D - E	0	-5397	J - K	0	-5640
E - F	0	-5199	K - L	0	-5880
F - G	0	-4213	L - M	105	0

Maximum Bot Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.

B - S	5184	0	P - O	5033	0
S - R	5187	0	O - N	5187	0
R - Q	5033	0	N - L	5184	0
Q - P	5033	0			

Maximum Web Forces Per Ply (lbs)
Webs Tens.Comp. Webs Tens. Comp.

S - D	76	-65	Q - H	0	-1499
D - R	0	-158	H - O	230	0
R - F	230	0	O - J	0	-158
F - Q	0	-1499	J - N	76	-65
G - Q	1911	0			



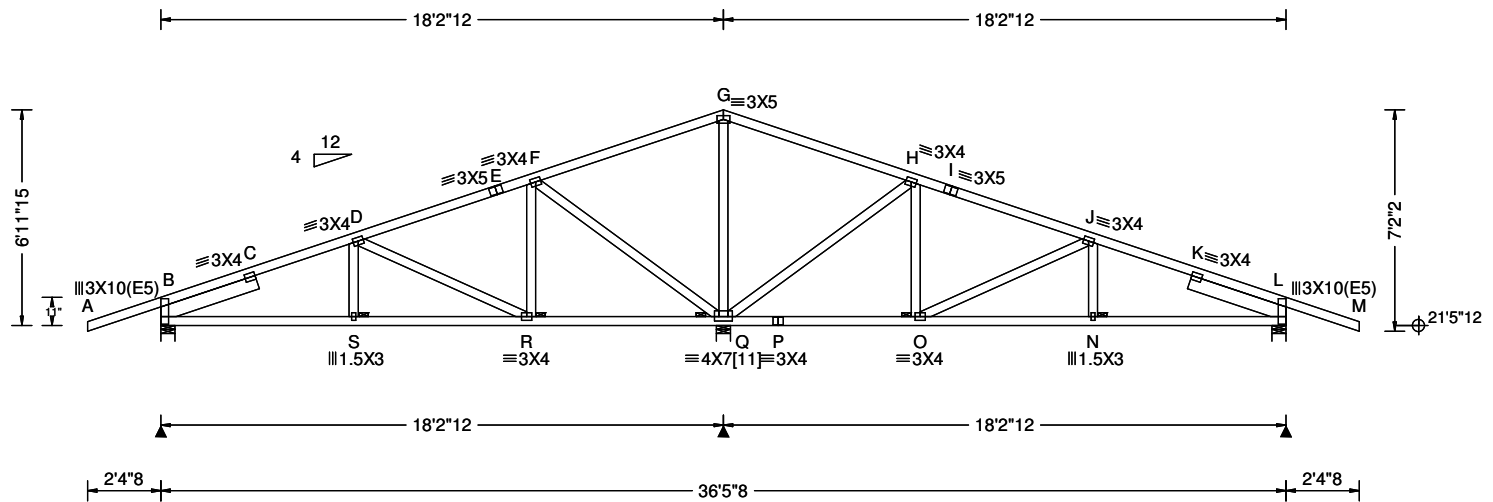
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10455 / T21 / COMN
FROM: AA

Ply: 1
Qty: 2
Wgt: 203.0 lbs

44536
Wood Creek (Doll) Roof Trusses
TR13

DRW: ... / ...
11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00
Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/defl L/D
VERT(LL): 0.037 E 999 360
VERT(TL): 0.068 E 999 360
HORZ(LL): 0.020 L - -
HORZ(TL): 0.032 L - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.57
Max BC CSI: 0.19
Max Web CSI: 0.94

▲ Bearing Locations
Loc Ht / W
B 21'5"12 5"8
Q 21'5"12 5"8
L 21'5"12 5"8

▲ Bearing Reactions (lbs)
Loc / S / L / D / F / Hz / U
B / 867 / 0 / 165 / 1509 / 0 /
Q / 1978 / 0 / 590 / 3705 / 0 /
L / 867 / 0 / 165 / 1509 / 0 /

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

VIEW Ver: 20.02.00A.1020.21

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	105	0	G - H	1373	0
B - C	195	-1829	H - I	476	-615
C - D	203	-1675	I - J	471	-814
D - E	471	-814	J - K	203	-1675
E - F	476	-615	K - L	195	-1829
F - G	1373	0	L - M	105	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - S	1529	-173	P - O	641	-454
S - R	1526	-178	O - N	1526	-178
R - Q	641	-454	N - L	1529	-173
Q - P	641	-454			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - D	117	0	Q - H	0	-1742
D - R	0	-1039	H - O	562	0
R - F	562	0	O - J	0	-1039
F - Q	0	-1742	J - N	117	0
G - Q	0	-1477			

Lumber
Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;
Lt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.318'
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.318'

Plating Notes
See A-100, Specification Note 7.E for standard plate positioning.
Plates designed for fabrication using seasoned lumber.

Handling stresses not considered for the plates.
Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[11]	4X7	S	1.75				

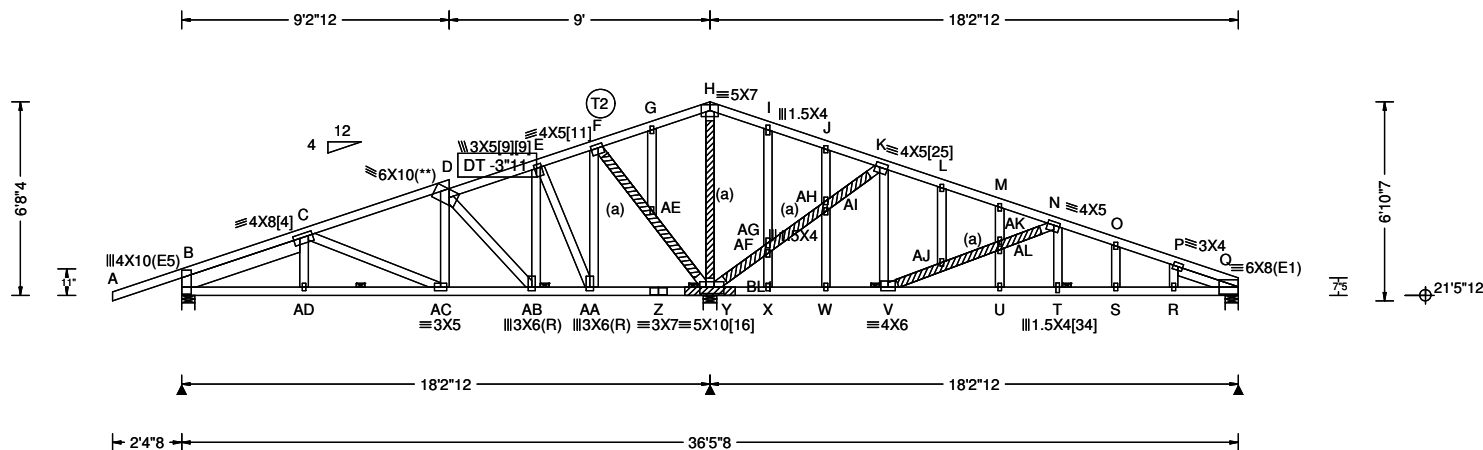
Purlins
In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:
Chord Spacing(in oc) Start(ft) End(ft)
BC 75 0.00 36.46
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading
Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes
Interaction equation as per Clause 6.5.13 of CSA-O86-14.

Warning: Component is designed to bear at specific locations.





Conforms To: Bldg Code: NBCC 2015 Design Criteria: Residential TPIC Std: TPIC 2014 CSA Std: CSA 086-14 Ground Snow Load: 73.00 Rain Load: 2.10 Cb: 0.55 Cs: 1.00 Cw: 1.00 If: 1.00 Slippery Roof: N/A Wind Exposed: N/A	Loading Criteria (psf) TCLL: 42.25 TCCL: 5.00 BCLL: 0.00 BCDL: 7.00 Des Ld: 54.25 Lumber Duration: 1.00 Plate Duration: 1.00 Spacing: 24.0" Load Sharing: No	Wind Criteria q: NA Ref Ht: NA Calc'd Int. Press: NA Exposure: NA BLDG Cat: NA Ceiling Attached: NA TCCL: NA BCDL: NA Duration of Load: NA	Defl/CSI Criteria PP Deflection in loc L/def L/D VERT(LL): 0.168 S 999 360 VERT(TL): 0.268 S 815 360 HORZ(LL): 0.045 Q - - HORZ(TL): 0.069 Q - 1.00 Creep Factor: 1.0 Overhang: Non-removable Max TC CSI: 0.97 Max BC CSI: 1.00 Max Web CSI: 0.99 VIEW Ver: 20.02.00A.1020.21
	▲ Bearing Locations Loc Ht / W B 21'5"12 5'8 Y 21'5"12 5'8 Q 21'5"12 5'8 ▲ Bearing Reactions (lbs) Loc / S / L / D / F / Hz / U B / 1830 / 0 / 316 / 3140 / 0 / Y / 5186 / 0 / 1300 / 9323 / 0 / Q / 1382 / 0 / 307 / 2452 / 0 /		

Lumber Top Chord: 2x4 SPF 2100Fb-1.8E; T2 2x4 SPF 1650Fb-1.5E; Bot Chord: 2x4 SPF 2100Fb-1.8E; Webs: 2x4 SPF 2100Fb-1.8E; Lt Slider: 2x6 SPF 2100Fb-1.8E; block length = 4.405' Rt Slider: 2x4 SPF 2100Fb-1.8E; block length = 2.199'	Purlins In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows: Chord Spacing(in oc) Start(ft) End(ft) BC 75 0.00 36.46 Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise.
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Bracing
 (a) #3 or better scab brace. Same size & 90% length of web member. Attach w/3.0" nails @ 6" oc. Bracing material supplied by Erection Contractor.

Special Loads
 Resid.Ld[3SL]- 5
 (Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

From	S/ L/ W/ D plf	To	S/ L/ W/ D plf
TC:	-2.38 85/ 0/ 0/10	9.23	85/ 0/ 0/10
TC:	9.23 214/ 0/ 0/40	18.23	214/ 0/ 0/52
TC:	18.23 214/ 0/ 0/52	36.46	214/ 0/ 0/28
BC:	0.00 0/ 0/ 0/14	36.46	0/ 0/ 0/14

Plating Notes
 See A-100, Specification Note 7.E for standard plate positioning.
 Plates designed for fabrication using seasoned lumber.
 All plates are 1.5X3 except as noted.
 (**) Warning! 1 plate(s) have been repositioned by the truss designer. Special positioning required.
 Handling stresses not considered for the plates.
 Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Bearing Block(s)
 Brg blocks:3.0" common nails
 brg x-loc #blocks length/blk #nails/blk
 2 18.00' 1 21" 25
 Brg block to be same size and species as chord.
 Refer to drawing CNNAILSP1014 for more information.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	265 0	I - J	3615 0
B - C	230 -3527	J - K	3417 0
C - D	450 -1821	K - L	434 -704
D - E	677 -619	L - M	412 -829
E - F	1316 -113	M - N	389 -918
F - G	3459 0	N - O	0 -3974
G - H	3640 0	O - P	0 -4098
H - I	3617 0	P - Q	81 -4294

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - AD	2978 -198	X - W	608 -397
AD-AC	2977 -196	W - V	604 -398
AC-AB	1406 -427	V - U	3742 0
AB-AA	482 -660	U - T	3724 0
AA- Z	26 -1181	T - S	3760 0
Z - Y	26 -1181	S - R	3771 0
Y - X	621 -392	R - Q	3794 0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
C - AD	86 -38	AF-AG	0 -4669
C - AC	0 -1655	AG-AH	0 -4233
AC - D	708 0	AH-AI	0 -4379
D - AB	0 -2404	AI - K	0 -4310
AB - E	1964 0	K - V	2058 0
E - AA	0 -2411	V - AJ	0 -3403
AA - F	2073 0	AJ - AK	0 -3270
F - AE	0 -3382	AK - AL	0 -3446
AE - Y	0 -3542	AL - N	0 -3310

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[4]	4X8	5.34	R 1.50	[9]	3X5	2.50	L 1.50
[11]	4X5	3.00	L 1.50	[16]	5X10	4.00	R 2.75
[25]	4X5	3.25	R 1.75	[34]	1.5X4	S	2.25



SEQN: 10427 / T32 / GABL
FROM: AA
Page 2 of 2

Ply: 1
Qty: 1
Wgt: 261.1 lbs

44536
Wood Creek (Doll) Roof Trusses
TR14

DRW:
... / ... 11/12/2021

Additional Notes

Interaction equation as per Clause 6.5.10 of CSA-O86-14.

Warning: Component is designed to bear at specific locations.

H - Y 0 - 3204 N - T 873 0
Y - AF 0 - 4424

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.Comp.	Gables	Tens. Comp.
AE- G	0 - 223	L -AJ	0 - 349
AF- X	0 - 470	AK- U	0 - 571
I -AG	0 - 760	M -AL	0 - 403
AH- W	0 - 267	S - O	0 - 421
J -AI	0 - 128	R - P	14 - 176



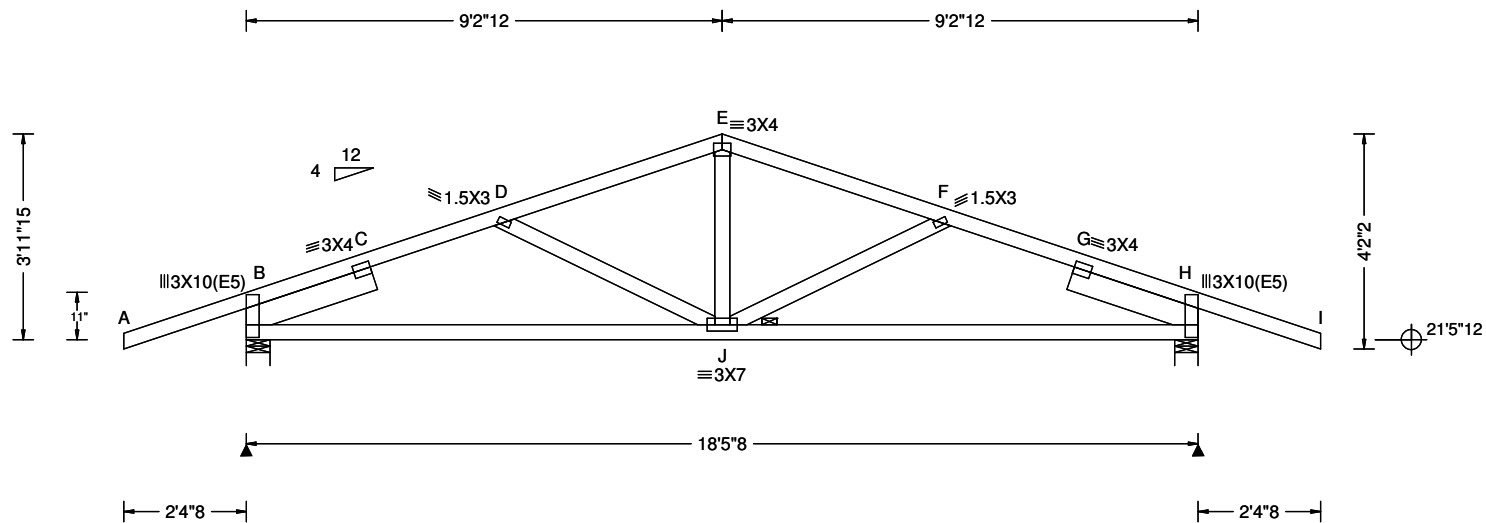
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER IMPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10458 / T13 / COMN
FROM: AA

Ply: 1
Qty: 2
Wgt: 99.4 lbs

44536
Wood Creek (Doll) Roof Trusses
TR15

DRW: ... / ...
11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00
Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/def L/D
VERT(LL): 0.098 J 999 360
VERT(TL): 0.155 J 999 360
HORZ(LL): 0.041 G - -
HORZ(TL): 0.065 G - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.36
Max BC CSI: 0.35
Max Web CSI: 0.10

▲ Bearing Locations
Loc Ht / W
B 21'5"12 5'8
H 21'5"12 5'8

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

VIEW Ver: 20.02.00A.1020.21

▲ Bearing Reactions (lbs)
Loc / S / L / D / F / Hz / U
B / 980 / 0 / 245 / 1777 / 0 /
H / 980 / 0 / 245 / 1777 / 0 /

Lumber
Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;
Lt Slider: 2x6 SPF 2100Fb-1.8E; block length = 2.631'
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 2.631'

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	105	0	E - F	0	-1895
B - C	0	-2520	F - G	0	-2338
C - D	0	-2338	G - H	0	-2520
D - E	0	-1895	H - I	105	0

Plating Notes
See A-100, Specification Note 7.E for standard plate positioning.
Plates designed for fabrication using seasoned lumber.
Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - J	2121	0	J - H	2121	0

Purlins
In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:
Chord Spacing(in oc) Start(ft) End(ft)
BC 120 0.00 18.46
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Maximum Web Forces Per Ply (lbs)

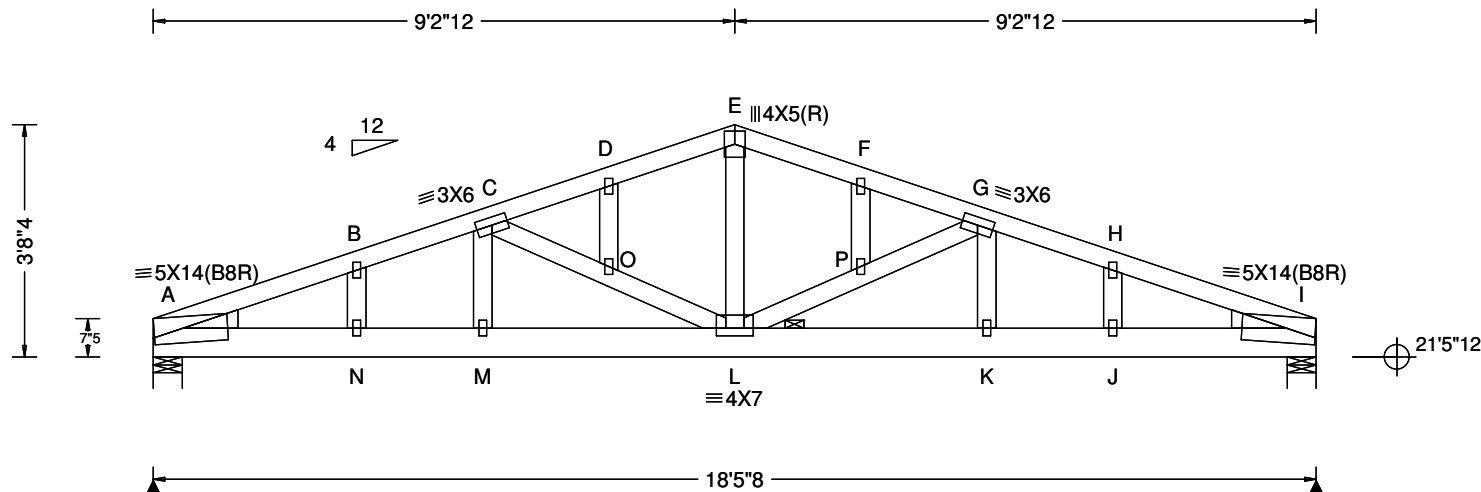
Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - J	0	-467	J - F	0	-467
E - J	549	0			

Loading
Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes
Interaction equation as per Clause 6.5.13 of CSA-O86-14.



THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR



Conforms To: Bldg Code: NBCC 2015 Design Criteria: Residential TPIC Std: TPIC 2014 CSA Std: CSA 086-14	Loading Criteria (psf) TCLL: 42.25 TCDL: 5.00 BCLL: 0.00 BCDL: 7.00 Des Ld: 54.25 Lumber Duration: 1.00 Plate Duration: 1.00 Spacing: 24.0" Load Sharing: Varies by Ld Case	Wind Criteria q: NA Ref Ht: NA Calc'd Int. Press: NA Exposure: NA BLDG Cat: NA Ceiling Attached: NA TCDL: NA BCDL: NA Duration of Load: NA	Defl/CSI Criteria PP Deflection in loc L/defl L/D VERT(LL): 0.260 F 852 360 VERT(TL): 0.396 F 559 360 HORZ(LL): 0.055 I - - HORZ(TL): 0.084 I - 1.00 Creep Factor: 1.0 Overhang: Non-removable Max TC CSI: 0.60 Max BC CSI: 0.54 Max Web CSI: 0.35 VIEW Ver: 20.02.00A.1020.21	▲ Bearing Locations Loc Ht / W A 21'5"12 5"8 I 21'5"12 5"8
Ground Snow Load: 73.00 Rain Load: 2.10 Cb: 0.55 Cs: 1.00 Cw: 1.00 If: 1.00 Slippery Roof: N/A Wind Exposed: N/A	PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed Plate Type: Wave-Canada			▲ Bearing Reactions (lbs) Loc / S / L / D / F / Hz / U A / 1974 / 0 / 377 / 3432 / 0 / I / 1974 / 0 / 377 / 3432 / 0 /

Lumber Top Chord: 2x4 SPF 2100Fb-1.8E; Bot Chord: 2x6 SPF 2100Fb-1.8E; Webs: 2x4 SPF 2100Fb-1.8E; Lt Wedge: 2x4 SPF 2100Fb-1.8E; Rt Wedge: 2x4 SPF 2100Fb-1.8E;			
Plating Notes See A-100, Specification Note 7.E for standard plate positioning. Plates designed for fabrication using seasoned lumber. All plates are 1.5X3 except as noted. Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.			
Purlins In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows: Chord Spacing(in oc) Start(ft) End(ft) BC 120 0.00 18.46 Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.			
Loading Loading spec'd by auth. having jurisdiction @ time of design. Truss designed to support 2-6-0 top chord outlookers and cladding load not to exceed 4.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.			
Additional Notes Interaction equation as per Clause 6.5.10 of CSA-O86-14.			

Maximum Top Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	0 -7119	E - F	0 -5184
B - C	0 -6966	F - G	0 -5288
C - D	0 -5288	G - H	0 -6966
D - E	0 -5184	H - I	0 -7119

Maximum Bot Chord Forces Per Ply (lbs)			
Chords	Tens.Comp.	Chords	Tens. Comp.
A - N	6553 0	L - K	6526 0
N - M	6532 0	K - J	6532 0
M - L	6526 0	J - I	6553 0

Maximum Web Forces Per Ply (lbs)			
Webs	Tens.Comp.	Webs	Tens. Comp.
M - C	124 0	L - P	0 -1971
C - O	0 -1819	P - G	0 -1819
O - L	0 -1971	G - K	124 0
E - L	2245 0		

Maximum Gable Forces Per Ply (lbs)			
Gables	Tens.Comp.	Gables	Tens. Comp.
B - N	0 -593	F - P	0 -340
O - D	0 -340	J - H	0 -593

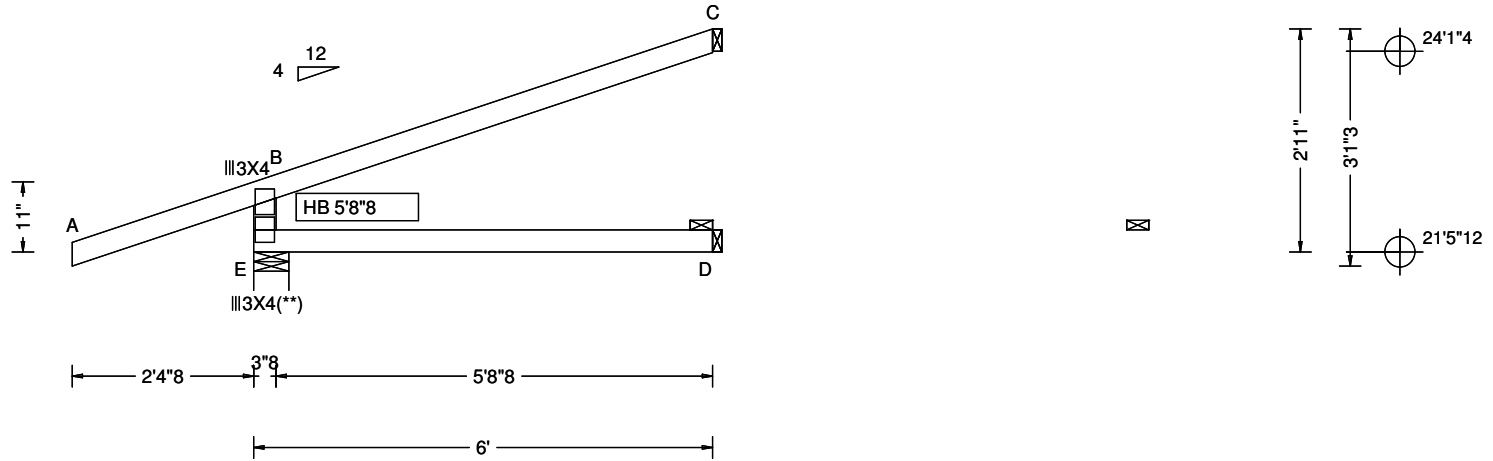


SEQN: 10460 / T6 / EJAC
FROM: AA

Ply: 1
Qty: 18
Wgt: 23.8 lbs

44536
Wood Creek (Doll) Roof Trusses
TR17

DRW: ... / ...
11/12/2021



Conforms To:

Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)

TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria

q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria

PP Deflection in loc L/defl L/D
VERT(LL): 0.013 B 999 360
VERT(TL): 0.021 B 999 360
HORZ(LL): 0.032 B - -
HORZ(TL): 0.050 B - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.45
Max BC CSI: 0.13
Max Web CSI: 0.10

▲ Bearing Locations

Loc Ht / W

E 21'5"12 5"8
D 21'5"12 1"8
C 24'1"4 / 1"8

▲ Bearing Reactions (lbs)

Loc / S / L / D / F / Hz / U

E / 493 / 0 / 100 / 866 / 0 /
D / 14 / 0 / 39 / 71 / 0 /
C / 199 / 0 / 28 / 333 / 0 /

Ground Snow Load: 73.00

Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25

Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0 "
Load Sharing: Yes

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

VIEW Ver: 20.02.00A.1020.21

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.

Plates designed for fabrication using seasoned lumber.

(**) Warning! 1 plate(s) have been repositioned by the truss designer. Special positioning required.

Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
BC	72	0.00	6.00

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes

Interaction equation as per Clause 6.5.13 of CSA-O86-14.

Refer to Detail A107 for standard jack connection details and limitations.

Warning: Component is designed to bear at specific locations.

Maximum Top Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp.

A - B 117 0 B - C 106 -146

Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp.

E - D 0 0

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp.

E - B 0 -771



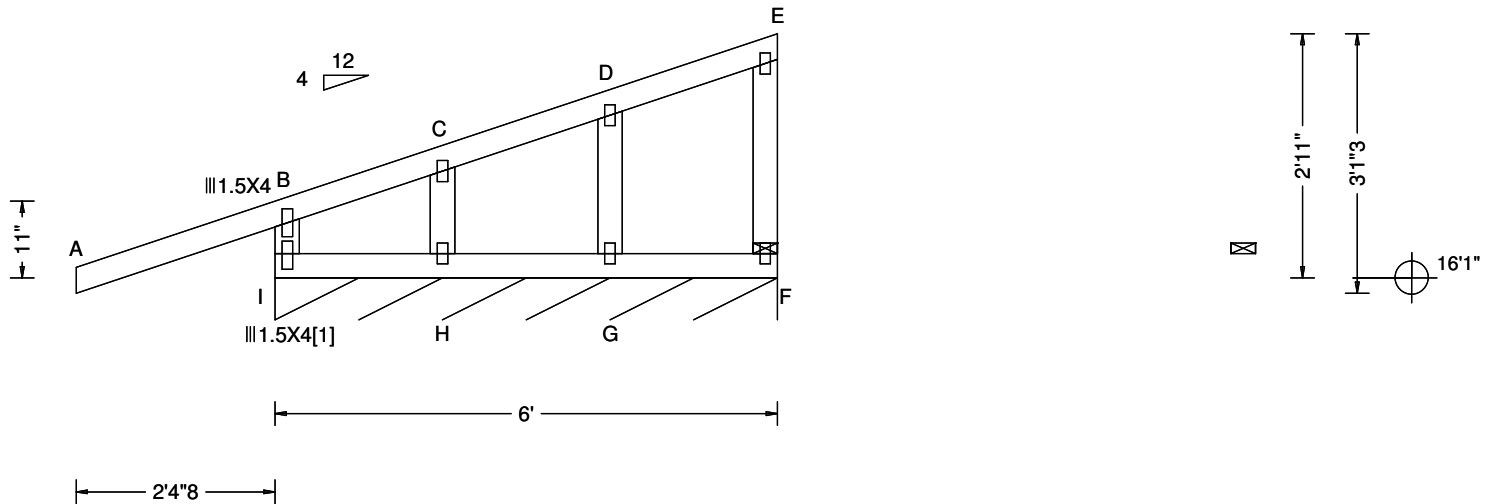
THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10391 / T28 / GABL
FROM: AA

Ply: 1
Qty: 1
Wgt: 33.6 lbs

44536
Wood Creek (Doll) Roof Trusses
TR18

DRW:
... / ... 11/12/2021



Conforms To:

Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)

TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00
Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Varies by Ld Case

Wind Criteria

q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria

PP Deflection in loc L/def L/D
VERT(LL): 0.001 B 999 360
VERT(TL): 0.002 B 999 360
HORZ(LL): 0.005 B - -
HORZ(TL): 0.008 B - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.44
Max BC CSI: 0.07
Max Web CSI: 0.07

VIEW Ver: 20.02.00A.1020.21

▲ Bearing Locations

Loc Ht / W

I 16'1" / 6'

▲ Bearing Reactions (lbs)

Loc / S / L / D / F / Hz / U

I / 796 / 0 / 182 / 236 / 0 /

Maximum Top Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp.

A - B 123 0 C - D 53 -52
B - C 0 -149 D - E 38 -72

Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp.

I - H 15 0 G - F 5 0
H - G 15 0

Maximum Gable Forces Per Ply (lbs)

Gables Tens.Comp. Gables Tens. Comp.

I - B 0 -807 D - G 0 -426
C - H 16 0 E - F 0 -133

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.

Plates designed for fabrication using seasoned lumber.

All plates are 1.5X3 except as noted.

Handling stresses not considered for the plates.
Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[1]	1.5X4	S	2.25				

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
BC	72	0.00	6.00

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Truss designed to support 1-0-0 top chord outlookers and cladding load not to exceed 4.00 PSF one face and 24.0" span opposite face. Top chord must not be cut or notched, unless specified otherwise.

Additional Notes

Interaction equation as per Clause 6.5.10 of CSA-O86-14.

Properly fasten sheathing to one face of this gable as per the National Building Code of Canada, latest edition.



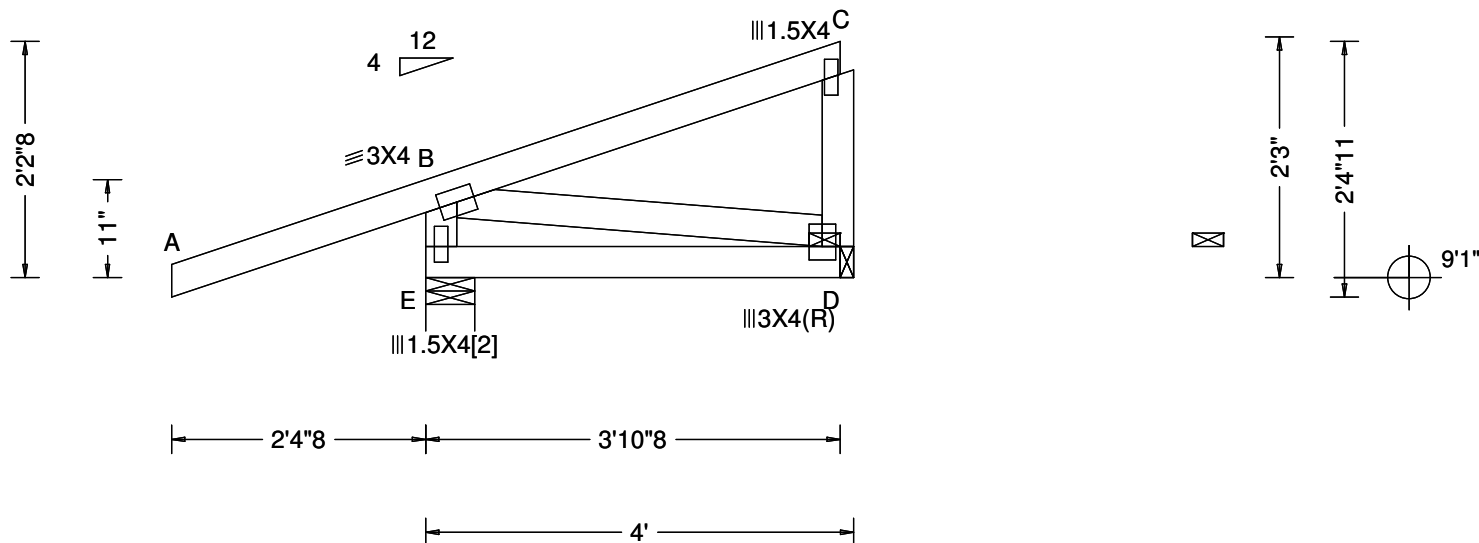
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10391 / T33 / MONO
FROM: AA

Ply: 1
Qty: 3
Wgt: 25.2 lbs

44536
Wood Creek (Doll) Roof Trusses
TR19

DRW: ... / ...
11/12/2021



Conforms To:

Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)

TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria

q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria

PP Deflection in loc L/def L/D
VERT(LL): 0.000 B 999 360
VERT(TL): 0.000 B 999 360
HORZ(LL): -0.000 C - -
HORZ(TL): -0.000 C - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.36
Max BC CSI: 0.05
Max Web CSI: 0.04

VIEW Ver: 20.02.00A.1020.21

▲ Bearing Locations

Loc	Ht	W
E	9'1"	5'8"
D	9'1"	1'8"

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
E	/425	/0	/77	/735	/0	/
D	/102	/0	/39	/202	/0	/

Ground Snow Load: 73.00

Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25

Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.

Plates designed for fabrication using seasoned lumber.

Handling stresses not considered for the plates.
Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[2]	1.5X4	S	1.75				

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
BC	46	0.00	3.88

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes

Interaction equation as per Clause 6.5.13 of CSA-O86-14.

Refer to Detail A107 for standard jack connection details and limitations.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	105	B - C	53 -117

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.
E - D	0 0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - E	0 -702	C - D	0 -168
B - D	0 0		



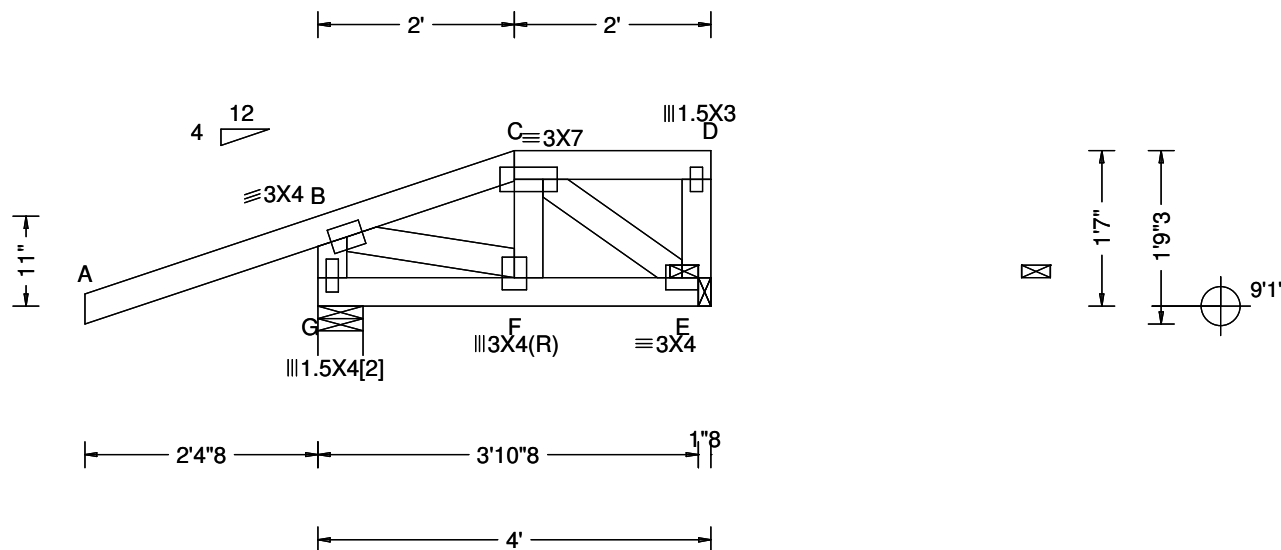
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10394 / T36 / HIPM
FROM: AA

Ply: 1
Qty: 1
Wgt: 25.2 lbs

44536
Wood Creek (Doll) Roof Trusses
TR20

DRW:
... / ... 11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/defl L/D
VERT(LL): 0.000 F 999 360
VERT(TL): 0.001 F 999 360
HORZ(LL): -0.000 C - -
HORZ(TL): -0.000 C - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.40
Max BC CSI: 0.01
Max Web CSI: 0.04

▲ Bearing Locations
Loc Ht / W

G 9'1" / 5'8"
E 9'1" / 1'8"

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
G	/407	/0	/65	/694	/0	/
E	/48	/0	/22	/101	/0	/

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: No

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

VIEW Ver: 20.02.00A.1020.21

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;

Additional Notes

Interaction equation as per Clause 6.5.10 of CSA-O86-14.
Refer to Detail A107 for standard jack connection details and limitations.

Special Loads

Resid.Ld[3SL]- 3
(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
From S/ L/ W/ D plf To S/ L/ W/ D plf
TC: -2.38 85/ 0/ 0/10 2.06 85/ 0/ 0/10
TC: 2.06 42/ 0/ 0/ 5 4.00 42/ 0/ 0/ 5
BC: 0.00 0/ 0/ 0/ 7 3.88 0/ 0/ 0/ 7
TC: 0/0/0/-3 lb Conc. Load at 2.03
TC: 0/0/0/-1 lb Conc. Load at 3.94
BC: 0/0/0/11 lb Conc. Load at 2.06

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	105	C - D	7
B - C	0		-139

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
G - F	0	F - E	30
	0		0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - G	0	C - E	0
B - F	32	E - D	0
C - F	29		0

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.
Plates designed for fabrication using seasoned lumber.
Handling stresses not considered for the plates.
Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[2]	1.5X4	S	1.75				

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:
Chord Spacing(in oc) Start(ft) End(ft)
BC 46 0.00 3.88
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.



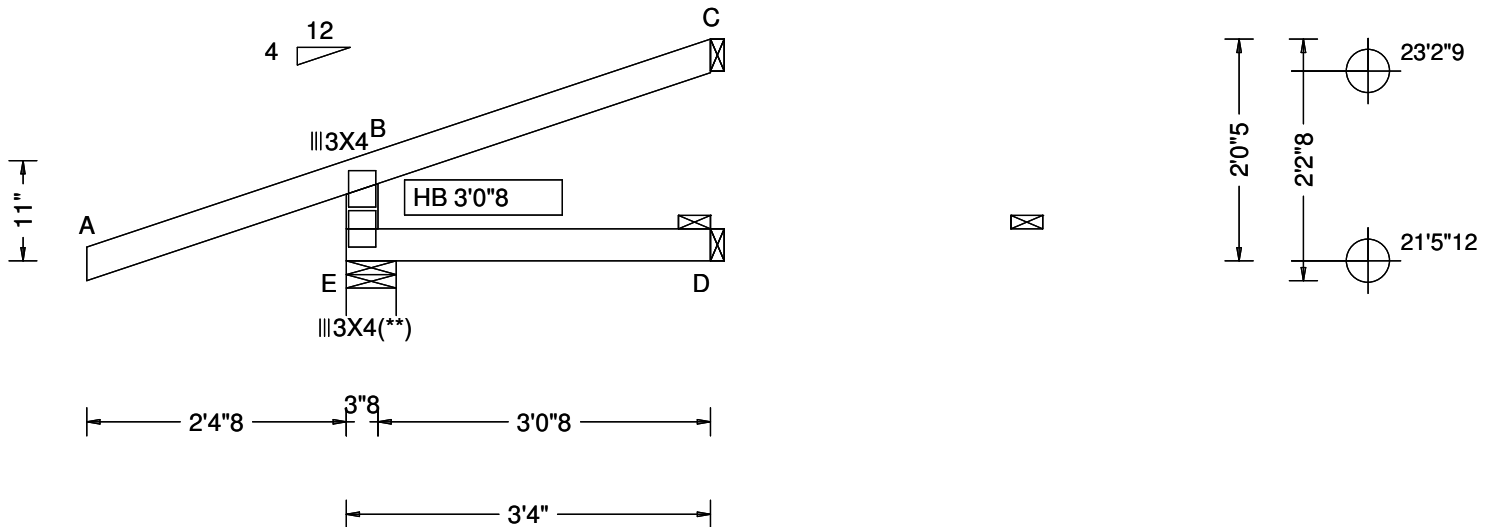
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10532 / T26 / EJAC
FROM: AA

Ply: 1
Qty: 3
Wgt: 16.8 lbs

44536
Wood Creek (Doll) Roof Trusses
TR21

DRW: ... / ... 11/12/2021



Conforms To:

Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)

TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria

q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria

PP Deflection in loc L/def L/D
VERT(LL): -0.000 B 999 360
VERT(TL): 0.000 B 999 360
HORZ(LL): -0.001 B - -
HORZ(TL): -0.002 B - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.45
Max BC CSI: 0.03
Max Web CSI: 0.17

▲ Bearing Locations

Loc Ht / W

E 21'5"12 5"8
D 21'5"12 1"8
C 23'2"9 / 1"8

▲ Bearing Reactions (lbs)

Loc / S / L / D / F / Hz / U

E / 413 / 0 / 72 / 709 / 0 /
D / 0 / 0 / 20 / 28 / 0 /
C / 74 / 0 / 11 / 125 / 0 /

Ground Snow Load: 73.00

Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00

Des Ld: 54.25

Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

VIEW Ver: 20.02.00A.1020.21

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.

Plates designed for fabrication using seasoned lumber.

(**) Warning! 1 plate(s) have been repositioned by the truss designer. Special positioning required.

Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
BC	40	0.00	3.33

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes

Interaction equation as per Clause 6.5.13 of CSA-O86-14.

Refer to Detail A107 for standard jack connection details and limitations.

Warning: Component is designed to bear at specific locations.

Maximum Top Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp.

A - B 117 0 B - C 40 -94

Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp.

E - D 0 0

Maximum Web Forces Per Ply (lbs)

Webs Tens.Comp.

E - B 0 -620



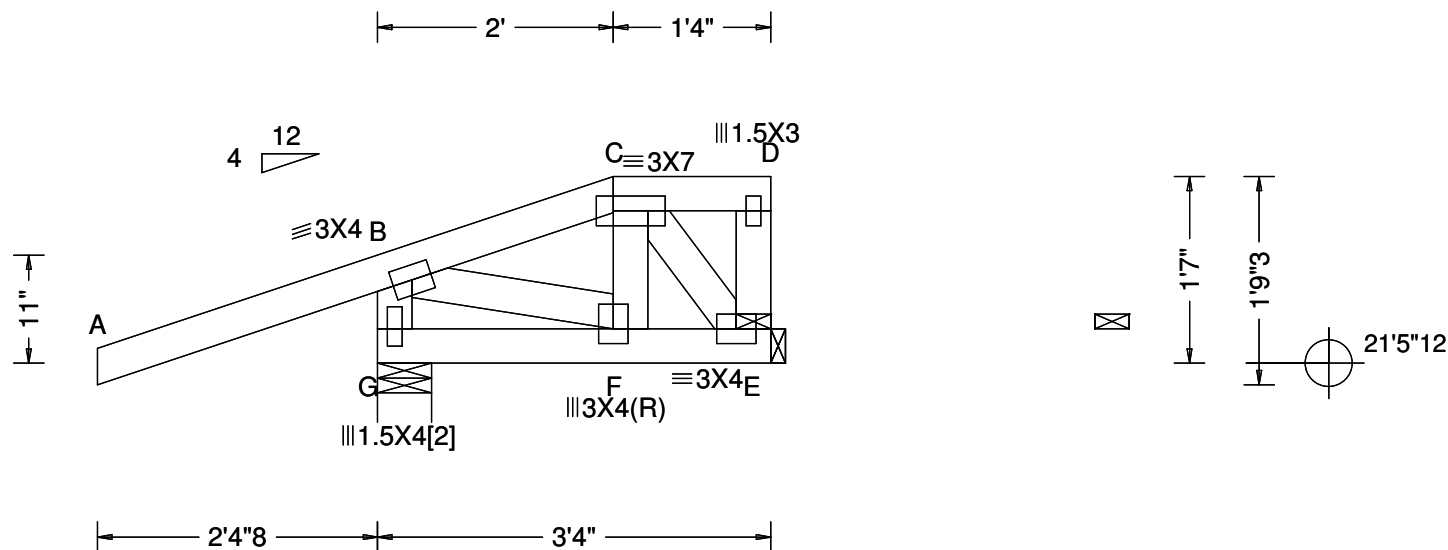
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10548 / T24 / HIPM
FROM: AA

Ply: 1
Qty: 1
Wgt: 25.2 lbs

44536
Wood Creek (Doll) Roof Trusses
TR22

DRW:
... / ... 11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/defl L/D
VERT(LL): 0.000 F 999 360
VERT(TL): 0.001 F 999 360
HORZ(LL): -0.000 D - -
HORZ(TL): -0.000 D - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.40
Max BC CSI: 0.01
Max Web CSI: 0.04

▲ Bearing Locations
Loc Ht / W

G 21'5"12 5'8
E 21'5"12 1'8

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
G	/413	/0	/75	/713	/0	/
E	/69	/0	/36	/149	/0	/

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: No

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

VIEW Ver: 20.02.00A.1020.21

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;

Additional Notes

Interaction equation as per Clause 6.5.10 of CSA-O86-14.
Refer to Detail A107 for standard jack connection details and limitations.

Special Loads

Resid.Ld[3SL]- 3
(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
From S/ L/ W/ D plf To S/ L/ W/ D plf
TC: -2.38 85/ 0/ 0/10 3.33 85/ 0/ 0/10
BC: 0.00 0/ 0/ 0/14 3.33 0/ 0/ 0/14
TC: 0/0/0/-3 lb Conc. Load at 2.03
BC: 0/0/0/11 lb Conc. Load at 2.06

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.

Plates designed for fabrication using seasoned lumber.

Handling stresses not considered for the plates.
Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[2]	1.5X4	S	1.75				

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
BC	40	0.00	3.33

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	105 0	C - D	0 0
B - C	0 -158		

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
G - F	0 0	F - E	48 0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
B - G	0 -697	C - E	0 -67
B - F	50 0	D - E	0 -93
C - F	44 0		



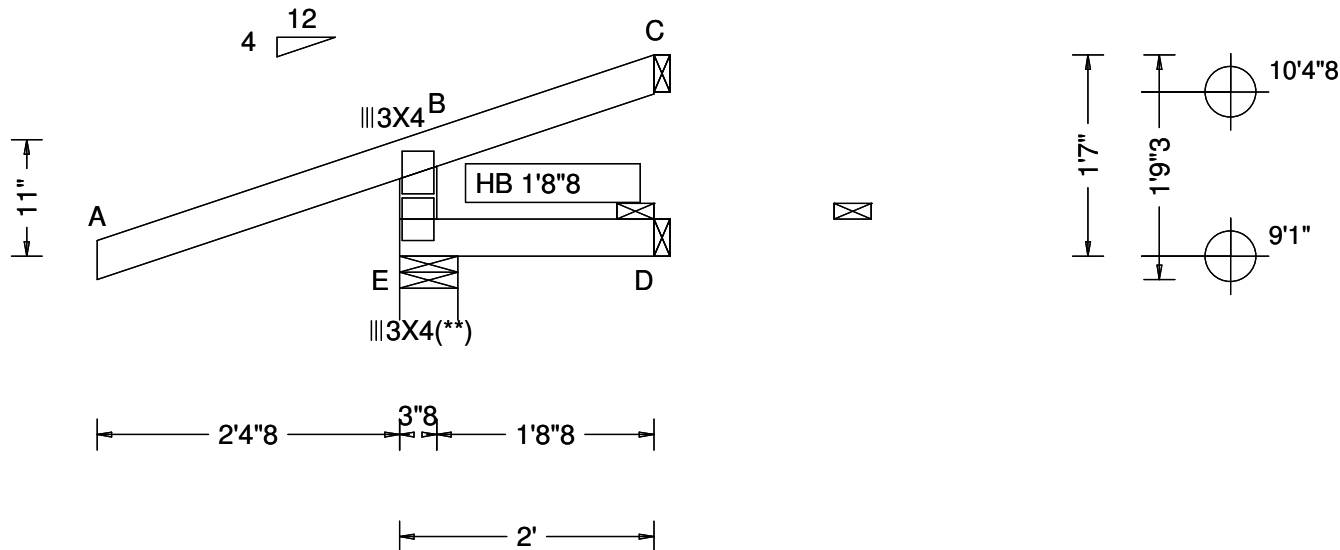
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10523 / T35 / EJAC
FROM: AA

Ply: 1
Qty: 3
Wgt: 11.2 lbs

44536
Wood Creek (Doll) Roof Trusses
TR23

DRW: ... / ... 11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/def L/D
VERT(LL): -0.001 B 999 360
VERT(TL): -0.001 B 999 360
HORZ(LL): -0.003 B - -
HORZ(TL): -0.005 B - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.45
Max BC CSI: 0.04
Max Web CSI: 0.17

▲ Bearing Locations

Loc	Ht	W
E	9'1"	5'8"
D	9'1"	1'8"
C	10'4"8	1'8"

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes
PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

VIEW Ver: 20.02.00A.1020.21

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
E	/404	/0	/61	/683	/0	/
D	/0	/0	/11	/15	/0	/
C	/0	/0	/0	/32	/0	/

Lumber
Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;

Plating Notes
See A-100, Specification Note 7.E for standard plate positioning.
Plates designed for fabrication using seasoned lumber.
(**) Warning! 1 plate(s) have been repositioned by the truss designer. Special positioning required.
Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Purlins
In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:
Chord Spacing(in oc) Start(ft) End(ft)
BC 24 0.00 2.00
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading
Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes
Interaction equation as per Clause 6.5.13 of CSA-O86-14.
Refer to Detail A107 for standard jack connection details and limitations.
Warning: Component is designed to bear at specific locations.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	117	0	-86

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.
E - D	0 0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.
E - B	0 -594



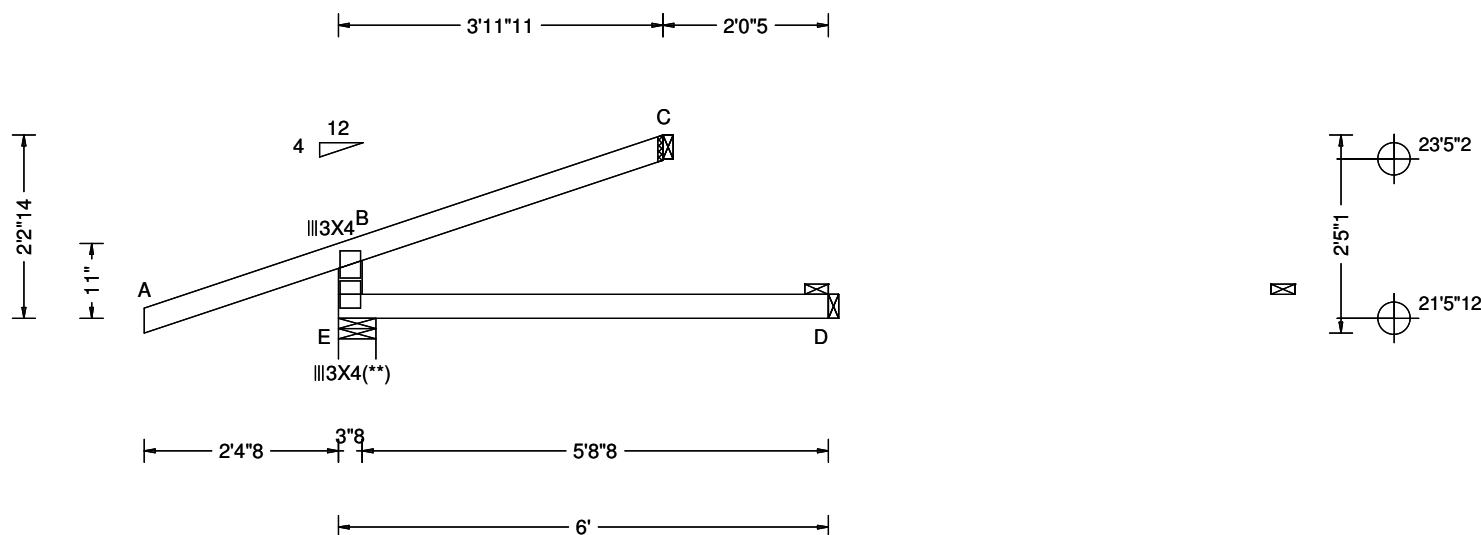
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10445 / T8 / CAJA
FROM: AA

Ply: 1
Qty: 2
Wgt: 19.6 lbs

44536
Wood Creek (Doll) Roof Trusses
C1

DRW: ... / ...
11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/defl L/D
VERT(LL): 0.003 B 999 360
VERT(TL): 0.004 B 999 360
HORZ(LL): 0.005 B - -
HORZ(TL): 0.009 B - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.45
Max BC CSI: 0.09
Max Web CSI: 0.18

▲ Bearing Locations
Loc Ht / W
E 21'5"12 5"8
C 23'5"2 / 1"8
D 21'5"12 1"8

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

VIEW Ver: 20.02.00A.1020.21

▲ Bearing Reactions (lbs)
Loc / S / L / D / F / Hz / U
E / 428 / 0 / 89 / 755 / 0 /
C / 107 / 0 / 20 / 188 / 0 /
D / 0 / 0 / 36 / 51 / 0 /

Lumber
Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;

Plating Notes
See A-100, Specification Note 7.E for standard plate positioning.
Plates designed for fabrication using seasoned lumber.
(**) Warning! 1 plate(s) have been repositioned by the truss designer. Special positioning required.
Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Purlins
In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:
Chord Spacing(in oc) Start(ft) End(ft)
BC 72 0.00 6.00
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading
Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes
Interaction equation as per Clause 6.5.13 of CSA-O86-14.
Refer to Detail A107 for standard jack connection details and limitations.
Warning: Component is designed to bear at specific locations.

Maximum Top Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.
A - B 117 0 B - C 59 -103

Maximum Bot Chord Forces Per Ply (lbs)
Chords Tens.Comp.
E - D 0 0

Maximum Web Forces Per Ply (lbs)
Webs Tens.Comp.
E - B 0 -644



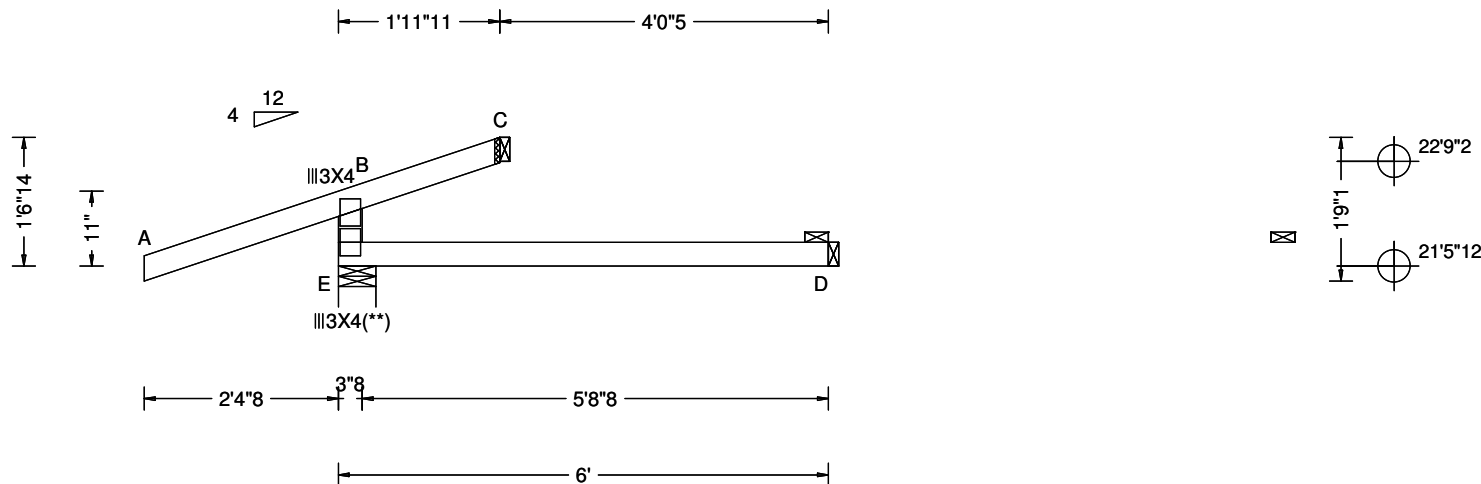
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10451 / T14 / CAJA
FROM: AA

Ply: 1
Qty: 2
Wgt: 16.8 lbs

44536
Wood Creek (Doll) Roof Trusses
C2

DRW:
... / ... 11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/def L/D
VERT(LL): 0.000 B 999 360
VERT(TL): 0.001 B 999 360
HORZ(LL): -0.001 B - -
HORZ(TL): 0.003 B - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.50
Max BC CSI: 0.09
Max Web CSI: 0.25

▲ Bearing Locations
Loc Ht / W
E 21'5"12 5'8
C 22'9"2 / 1'8
D 21'5"12 1'8

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: No
PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

VIEW Ver: 20.02.00A.1020.21

▲ Bearing Reactions (lbs)
Loc / S / L / D / F / Hz / U
E / 399 / 0 / 67 / 683 / 0 /
C / 0 / 0 / 14 / 25 / 0 /
D / 0 / 0 / 27 / 38 / 0 /

Lumber
Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;

Special Loads
Resid.Ld[3SL]- 4
(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)
From S/ L/ W/ D plf To S/ L/ W/ D plf
TC: -2.38 85/ 0/ 0/10 1.97 85/ 0/ 0/10
BC: 0.00 0/ 0/ 0/ 7 6.00 0/ 0/ 0/ 7
BC: 0/0/0/11 lb Conc. Load at 2.06
BC: 0/0/0/13 lb Conc. Load at 4.06

Additional Notes
Interaction equation as per Clause 6.5.10 of CSA-O86-14.
Refer to Detail A107 for standard jack connection details and limitations.
Warning: Component is designed to bear at specific locations.

Maximum Top Chord Forces Per Ply (lbs)
Chords Tens.Comp. Chords Tens. Comp.
A - B 117 0 B - C 6 -82

Maximum Bot Chord Forces Per Ply (lbs)
Chords Tens.Comp.
E - D 0 0

Maximum Web Forces Per Ply (lbs)
Webs Tens.Comp.
E - B 0 -585

Plating Notes
See A-100, Specification Note 7.E for standard plate positioning.
Plates designed for fabrication using seasoned lumber.
(**) Warning! 1 plate(s) have been repositioned by the truss designer. Special positioning required.
Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Purlins
In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:
Chord Spacing(in oc) Start(ft) End(ft)
BC 72 0.00 6.00
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading
Loading spec'd by auth. having jurisdiction @ time of design.



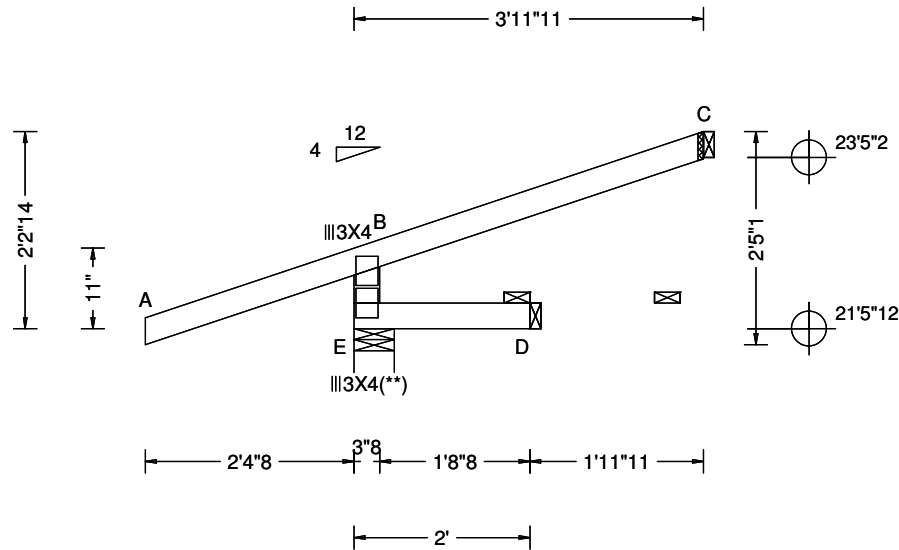
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10433 / T10 / CAJA
FROM: AA

Ply: 1
Qty: 2
Wgt: 14.0 lbs

44536
Wood Creek (Doll) Roof Trusses
C3

DRW: ... / ... 11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/defl L/D
VERT(LL): 0.001 B 999 360
VERT(TL): 0.001 B 999 360
HORZ(LL): 0.001 B - -
HORZ(TL): 0.001 B - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.45
Max BC CSI: 0.01
Max Web CSI: 0.15

▲ Bearing Locations

Loc Ht / W
E 21'5"12 5"8
D 21'5"12 1"8
C 23'5"2 / 1"8

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
E	/ 428	/ 0	/ 65	/ 724	/ 0	/
D	/ 0	/ 0	/ 13	/ 18	/ 0	/
C	/ 107	/ 0	/ 13	/ 178	/ 0	/

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0 "
Load Sharing: Yes

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

VIEW Ver: 20.02.00A.1020.21

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.

Plates designed for fabrication using seasoned lumber.

(**) Warning! 1 plate(s) have been repositioned by the truss designer. Special positioning required.

Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
BC	24	0.00	2.00

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes

Interaction equation as per Clause 6.5.13 of CSA-O86-14.

Refer to Detail A107 for standard jack connection details and limitations.

Warning: Component is designed to bear at specific locations.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	117	0	
B - C	56	-106	

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.
E - D	0 0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.
E - B	0 -653



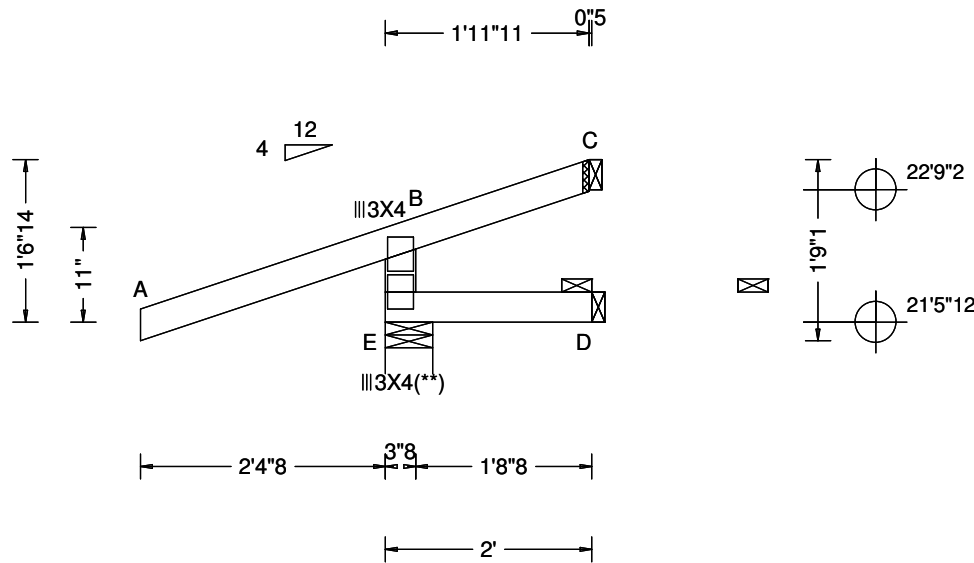
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10439 / T11 / CAJA
FROM: AA

Ply: 1
Qty: 2
Wgt: 11.2 lbs

44536
Wood Creek (Doll) Roof Trusses
C4

DRW: ... / ... 11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00
Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0 "
Load Sharing: Yes

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/def L/D
VERT(LL): -0.001 B 999 360
VERT(TL): -0.001 B 999 360
HORZ(LL): -0.003 B - -
HORZ(TL): -0.005 B - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.45
Max BC CSI: 0.04
Max Web CSI: 0.17

▲ Bearing Locations

Loc	Ht	W
E	21'5"12	5"8
C	22'9"2	1"8
D	21'5"12	1"8

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
E	/404	/0	/61	/684	/0	/
C	/0	/0	/0	/37	/0	/
D	/0	/0	/11	/15	/0	/

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

VIEW Ver: 20.02.00A.1020.21

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.

Plates designed for fabrication using seasoned lumber.

(**) Warning! 1 plate(s) have been repositioned by the truss designer. Special positioning required.

Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
BC	24	0.00	2.00

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes

Interaction equation as per Clause 6.5.13 of CSA-O86-14.

Refer to Detail A107 for standard jack connection details and limitations.

Warning: Component is designed to bear at specific locations.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	117	0	-86

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.
E - D	0 0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.
E - B	0 -595



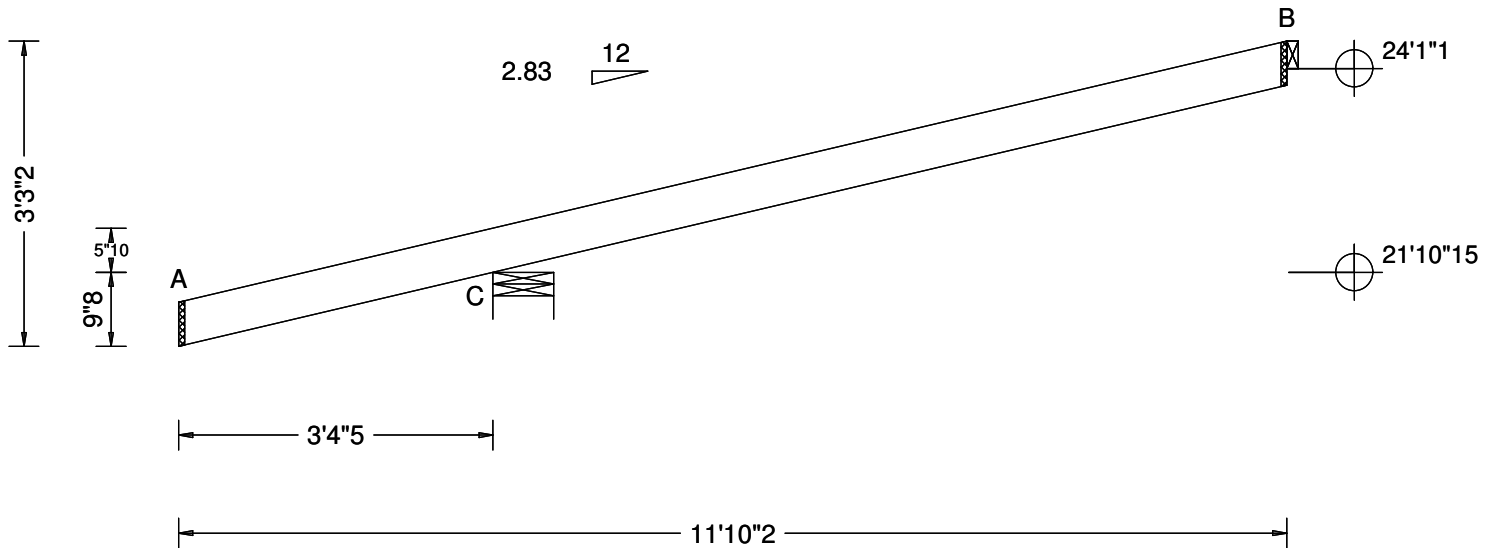
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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10454 / T9 / CALF
FROM: AA

Ply: 1
Qty: 2
Wgt: 29.4 lbs

44536
Wood Creek (Doll) Roof Trusses
C5

DRW:
... / ... 11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00
Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 0.0"
Load Sharing: No

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/defl L/D
VERT(LL): 0.000 - - 240
VERT(TL): 0.000 - - 360
HORZ(LL): -0.000 B - -
HORZ(TL): -0.000 B - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.27
Max BC CSI: 0.00
Max Web CSI: 0.00

▲ Bearing Locations
Loc Ht / W

C 21'10"15"12
B 24'1"1 / 1"8

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
C	/74	/0	/28	/146	/0	/
B	/141	/0	/28	/248	/0	/

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type:

VIEW Ver: 20.02.00A.1020.21

Lumber

Top Chord: 2x6 SPF 2100Fb-1.8E;
Bot Chord: ;

Special Loads

Resid.Ld[3SL]- 3
(Lumber Dur.Fac.=1.00 / Plate Dur.Fac.=1.00)

From	S/	L/	W/	D	plf	To	S/	L/	W/	D	plf
TC:	-3.36	0/	0/	0/	1	2.79	0/	0/	0/	1	
TC:	2.79	0/	0/	0/	1	5.75	0/	0/	0/	1	
TC:	5.75	0/	0/	0/	1	8.49	0/	0/	0/	1	
TC: 0/0/0/14 lb Conc. Load at 2.79											
TC: 0/0/0/-2 lb Conc. Load at 2.87											
TC: 108/0/0/21 lb Conc. Load at 5.62											
TC: 108/0/0/13 lb Conc. Load at 5.75											

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.
Plates designed for fabrication using seasoned lumber.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Purlins

in lieu of rigid ceiling use purlins to brace BC @ 1199998.25" oc

Additional Notes

Interaction equation as per Clause 6.5.10 of CSA-O86-14.
Refer to Detail A107 for standard jack connection details and limitations.
Shim all supports to solid bearing.

Maximum Top Chord Forces Per Ply (lbs)
Chords Tens.Comp.

A - B 58 -33

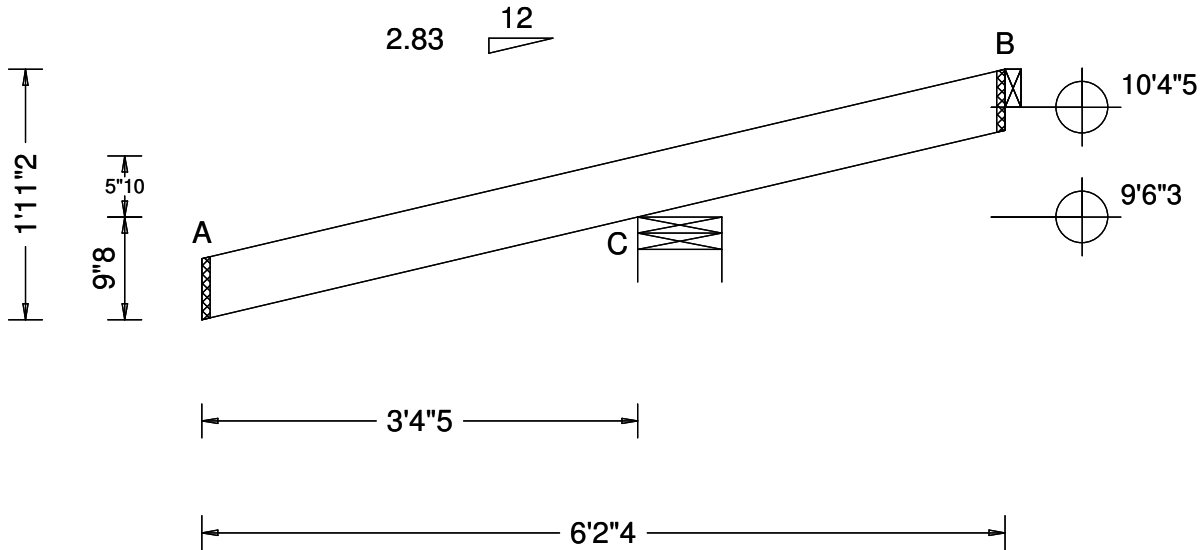


SEQN: 10520 / T34 / CALF
FROM: AA

Ply: 1
Qty: 2
Wgt: 14.7 lbs

44536
Wood Creek (Doll) Roof Trusses
C6

DRW: ... / ...
11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/def L/D
VERT(LL): 0.000 - - 240
VERT(TL): 0.000 - - 360
HORZ(LL): 0.000 - - -
HORZ(TL): -0.000 B - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.01
Max BC CSI: 0.00
Max Web CSI: 0.00

▲ Bearing Locations
Loc Ht / W

C 9'6"3 / 7"12
B 10'4"5 / 1"8

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 0.0"
Load Sharing: Yes

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type:

VIEW Ver: 20.02.00A.1020.21

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
C	/0	/0	/7	/10	/0	/
B	/0	/0	/0	/-99999	/0	/

Lumber

Top Chord: 2x6 SPF 2100Fb-1.8E;
Bot Chord: ;

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.
Plates designed for fabrication using seasoned lumber.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Purlins

in lieu of rigid ceiling use purlins to brace BC @ 1199998.25" oc

Additional Notes

Interaction equation as per Clause 6.5.13 of CSA-086-14.
Refer to Detail A107 for standard jack connection details and limitations.
Shim all supports to solid bearing.

Maximum Top Chord Forces Per Ply (lbs)
Chords Tens.Comp.

A - B 1 -1



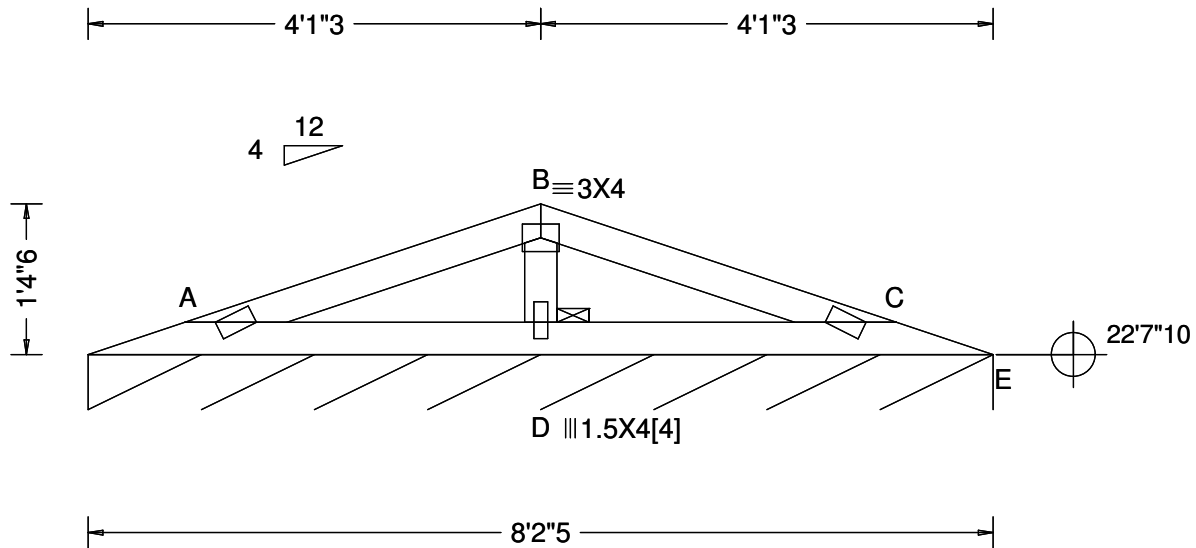
THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10468 / T19 / GABL
FROM: AA

Ply: 1
Qty: 1
Wgt: 26.6 lbs

44536
Wood Creek (Doll) Roof Trusses
V1

DRW:
... / ... 11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00
Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/defl L/D
VERT(LL): 0.015 C 999 360
VERT(TL): 0.023 C 999 360
HORZ(LL): -0.004 C - -
HORZ(TL): -0.006 C - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.16
Max BC CSI: 0.22
Max Web CSI: 0.04

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

VIEW Ver: 20.02.00A.1020.21

▲ Bearing Locations

Loc Ht / W

A 22'7"10 8'2"5

▲ Bearing Reactions (lbs)

Loc / S / L / D / F / Hz / U

A / 692 / 0 / 196 / 156 / 0 /

Maximum Top Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp.

A - B 595 0 B - C 595 0

Maximum Bot Chord Forces Per Ply (lbs)

Chords Tens.Comp. Chords Tens. Comp.

A - D 0 -505 D - C 0 -505

Maximum Gable Forces Per Ply (lbs)

Gables Tens.Comp.

B - D 0 -730

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;
Webs: 2x4 SPF 2100Fb-1.8E;

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.

Plates designed for fabrication using seasoned lumber.

All plates are 2X4(D8R) except as noted.

Handling stresses not considered for the plates.
Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Plate Shift Table

JT No	Plate Size	Lateral Shift	Chord Bite	JT No	Plate Size	Lateral Shift	Chord Bite
[4]	1.5X4	S	1.75				

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
BC	75	0.00	8.19

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes

Interaction equation as per Clause 6.5.13 of CSA-O86-14.



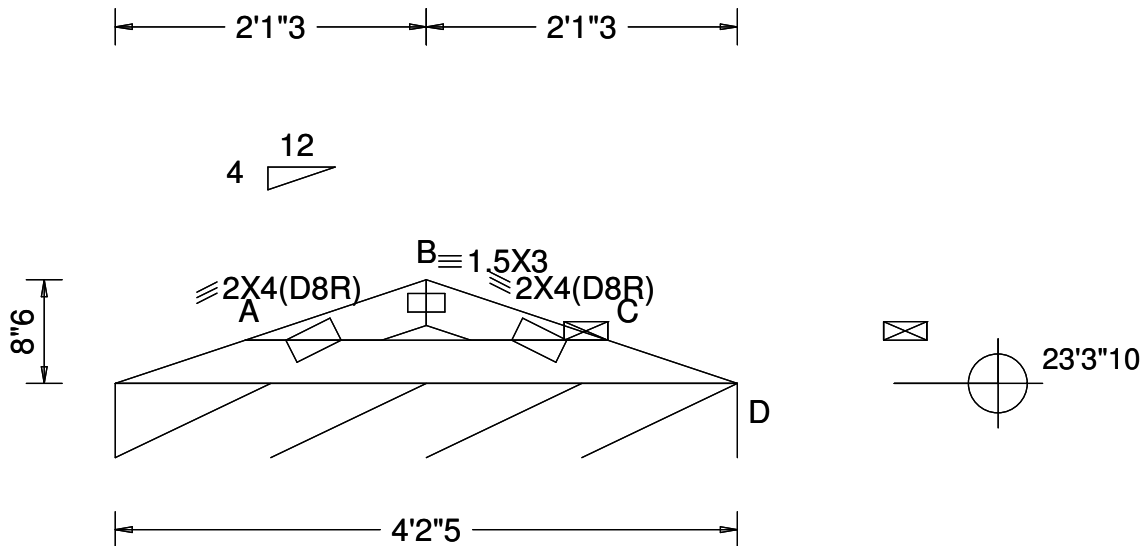
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THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10471 / T31 / VAL
FROM: AA

Ply: 1
Qty: 1
Wgt: 12.6 lbs

44536
Wood Creek (Doll) Roof Trusses
V2

DRW:
... / ... 11/12/2021



Conforms To:
Bldg Code: NBCC 2015
Design Criteria: Residential
TPIC Std: TPIC 2014
CSA Std: CSA 086-14

Loading Criteria (psf)
TCLL: 42.25
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00

Wind Criteria
q: NA
Ref Ht: NA
Calc'd Int. Press: NA
Exposure: NA
BLDG Cat: NA
Ceiling Attached: NA
TCDL: NA
BCDL: NA
Duration of Load: NA

Defl/CSI Criteria
PP Deflection in loc L/def L/D
VERT(LL): 0.017 C 999 360
VERT(TL): 0.027 C 999 360
HORZ(LL): -0.003 C - -
HORZ(TL): -0.005 C - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.10
Max BC CSI: 0.14
Max Web CSI: 0.00

▲ Bearing Locations
Loc Ht / W

A 23'3"10 4'2"5

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
A	/354	/0	/100	/156	/0	/

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	0 -615	B - C	0 -615

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.
A - C	614 0

Ground Snow Load: 73.00
Rain Load: 2.10
Cb: 0.55
Cs: 1.00
Cw: 1.00
If: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Des Ld: 54.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes

PT/IT/RT: 4sx/10%/ 5 deg Standard Pressed
Plate Type: Wave-Canada

VIEW Ver: 20.02.00A.1020.21

Lumber

Top Chord: 2x4 SPF 2100Fb-1.8E;
Bot Chord: 2x4 SPF 2100Fb-1.8E;

Plating Notes

See A-100, Specification Note 7.E for standard plate positioning.

Plates designed for fabrication using seasoned lumber.

Handling stresses not considered for the plates. Special care in handling of this truss is required by truss manufacturer and Installation Contractor to prevent plate damage.

Purlins

In lieu of structural panels or rigid ceiling use purlins to laterally brace chords as follows:

Chord	Spacing(in oc)	Start(ft)	End(ft)
BC	50	0.00	4.19

Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Loading

Loading spec'd by auth. having jurisdiction @ time of design.

Additional Notes

Interaction equation as per Clause 6.5.10 of CSA-086-14.

Refer to drawings A105 for valley details.



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