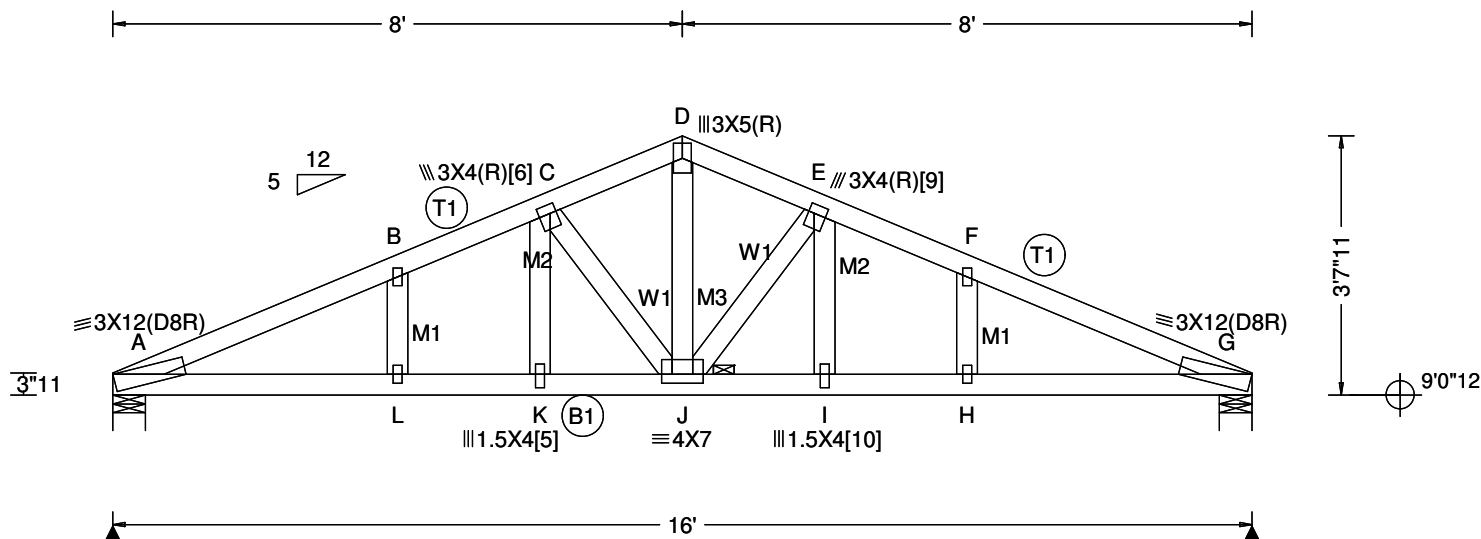


SEQN: 10621 / T6 / GABL
FROM: SKR

Ply: 1
Qty: 1
Wgt: 75.6 lbs

SA46621-1
Wood Creek Construction (Rozka)
TR01

DRW:
... / ... 04/11/2024



Conforms To:
Bldg Code: NBCC 2020
Design Criteria: Residential
TPIC Std: TPIC 2019
CSA Std: CSA 086-19

Loading Criteria (psf)
TCLL: 50.50
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): 0.264 H 726 360
VERT(TL): 0.308 H 624 360
HORZ(LL): 0.093 B - -
HORZ(TL): 0.108 B - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.70
Max BC CSI: 0.81
Max Web CSI: 0.17

▲ Bearing Locations
Loc Ht / W / Min Req / Ctrl
A 9'0"12 / 5'8 / 2"10 / Support
G 9'0"12 / 5'8 / 2"10 / Support
Bearings A & G Fcperp = 768.4psi.

Ground Snow Load: 88.00
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: 62.50
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Varies by Ld Case
PT/IT/RT: 4sx/10%/ 5 deg Roller Pressed
Plate Type: Wave-Canada

VIEW Ver: 23.02.01.1109.17

▲ Bearing Reactions (lbs)
Loc / S / L / D / F / Hz / U
A / 1615 / 0 / 263 / 2753 / 0 /
G / 1615 / 0 / 263 / 2753 / 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.
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
[5]	1.5X4	S	2.25	[6]	3X4	1.00	R 1.50
[9]	3X4	2.00	R 1.50	[10]	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 120 0.00 16.00
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 2-0-0 top chord outlookers and cladding load not to exceed 3.00 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 6.5.9 of CSA-O86-19.
This truss design conforms to BCBC 2018, NBC-2019 Alberta Edition, OBC 2012 O.RE G. 88/19.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-5155	D - E	0	-3766
B - C	0	-4914	E - F	0	-4914
C - D	0	-3766	F - G	0	-5155

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - L	4544	0	J - I	4494	0
L - K	4525	0	I - H	4525	0
K - J	4494	0	H - G	4544	0

Maximum Web Forces Per Ply (lbs)

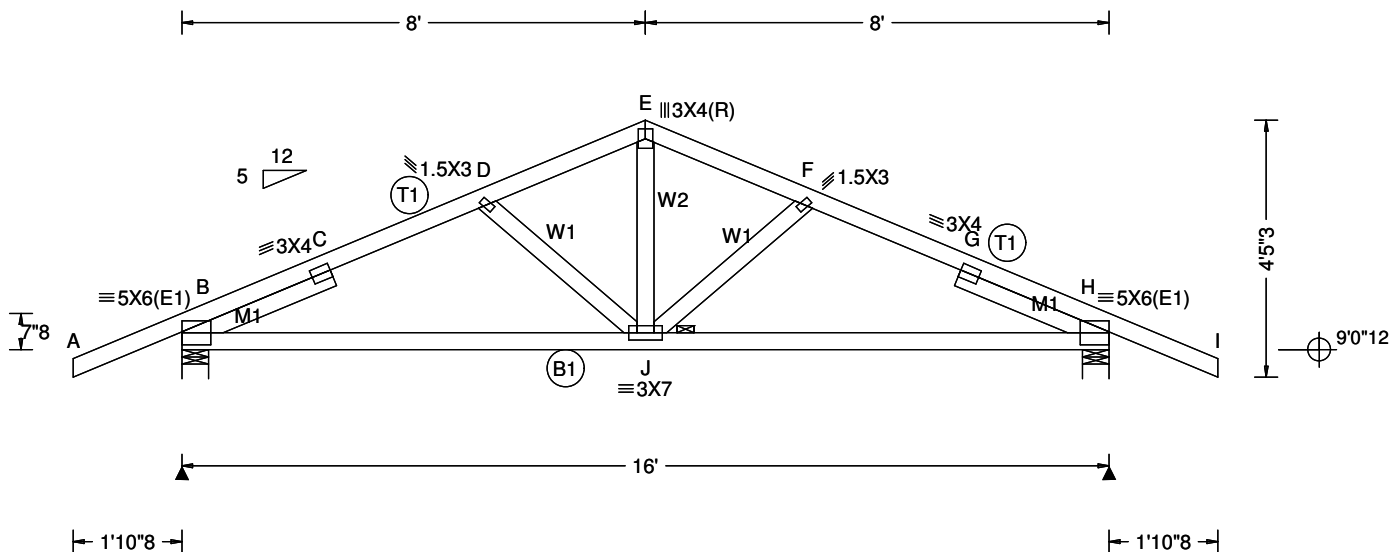
Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - J	0	-2044	J - E	0	-2044

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
B - L	2	-550	E - I	874	0
K - C	874	0	H - F	2	-550
D - J	2605	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



Conforms To:
Bldg Code: NBCC 2020
Design Criteria: Residential
TPIC Std: TPIC 2019
CSA Std: CSA 086-19

Loading Criteria (psf)
TCLL: 50.50
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): 0.044 J 999 360
VERT(TL): 0.053 J 999 360
HORZ(LL): 0.022 H - -
HORZ(TL): 0.026 H - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.27
Max BC CSI: 0.23
Max Web CSI: 0.09

▲ Bearing Locations

Loc	Ht	/ W	/ Min Req	/ Ctrl
B	9'0"12/5'8"	/ 1"11	/ Support	
H	9'0"12/5'8"	/ 1"11	/ Support	

Bearings B & H Fcperp = 768.4psi.

Ground Snow Load: 88.00
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: 62.50
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes

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

VIEW Ver: 23.02.01.1109.17

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 997	/ 0	/ 210	/ 1759	/ 0	/
H	/ 997	/ 0	/ 210	/ 1759	/ 0	/

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 = 2.778'
Rt Slider: 2x4 SPF 2100Fb-1.8E; block length = 2.778'

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 16.00
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 6.5.12 of CSA-O86-19.
This truss design conforms to BCBC 2018, NBC-2019 Alberta Edition, OBC 2012 O.RE G. 88/19.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	118 0	E - F	0 -1772
B - C	0 -2352	F - G	0 -2206
C - D	0 -2206	G - H	0 -2352
D - E	0 -1772	H - I	118 0

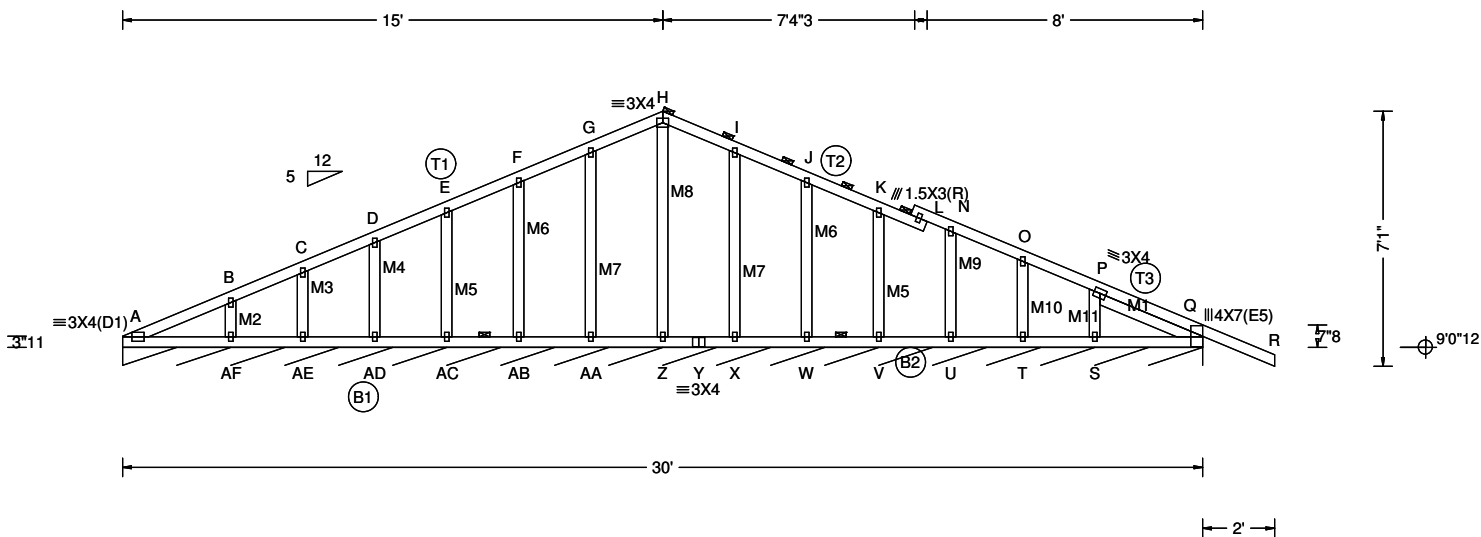
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - J	1974 0	J - H	1974 0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
D - J	0 -590	J - F	0 -590
E - J	932 0		





Conforms To: Bldg Code: NBCC 2020 Design Criteria: Residential TPIC Std: TPIC 2019 CSA Std: CSA 086-19	Loading Criteria (psf) TCLL: 50.50 TCDL: 5.00 BCLL: 0.00 BCDL: 7.00 Des Ld: 62.50 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): 0.008 A 999 360 VERT(TL): 0.009 A 999 360 HORZ(LL): 0.003 A - - HORZ(TL): 0.004 A - 1.00 Creep Factor: 1.0 Overhang: Non-removable Max TC CSI: 0.61 Max BC CSI: 0.14 Max Web CSI: 0.06	▲ Bearing Locations Loc Ht / W / Min Req / Ctrl A 9'0"12' / 30' / - / - Bearing A Fcperp = 768.4psi. ▲ Bearing Reactions (lbs) Loc / S / L / D / F / Hz / U A / 6463 / 0 / 1173 / 372 / 0 /
Ground Snow Load: 88.00 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 Roller Pressed Plate Type: Wave-Canada VIEW Ver: 23.02.01.1109.17

Lumber
 Top Chord: 2x4 SPF 2100Fb-1.8E;
 Bot Chord: 2x4 SPF 2100Fb-1.8E;
 Webs: 2x4 SPF 2100Fb-1.8E;
 Rt Slider: 2x4 SPF 2100Fb-1.8E; block length = 3.099'

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	30.00

 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 2-0-0 top chord outlookers and cladding load not to exceed 3.00 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 6.5.9 of CSA-O86-19.
 This truss design conforms to BCBC 2018, NBC-2019 Alberta Edition, OBC 2012 O.RE G. 88/19.

Chords		Tens. Comp.	
A - B	96	-211	
B - C	58	-200	
C - D	101	-160	
D - E	112	-151	
E - F	124	-141	
F - G	140	-127	
G - H	122	-155	
H - I	123	-156	
I - J	141	-128	
J - K	125	-141	
K - L	115	-49	
L - N	0	-149	
N - O	97	-164	
O - P	87	-191	
P - Q	379	-425	
Q - R	252	0	

Chords		Tens. Comp.	
A - AF	87	0	-9
AF - AE	47	0	-1
AE - AD	31	0	7
AD - AC	18	0	18
AC - AB	7	0	29
AB - AA	0	-1	46
AA - Z	0	-9	131
Z - Y	0	-9	0
Y - X	0	0	-9
X - W	0	0	-1
W - V	7	0	0
V - U	18	0	0
U - T	29	0	0
T - S	46	0	0
S - Q	131	0	0

Gables		Tens. Comp.	
B - AF	0	-864	0
C - AE	0	-606	0
D - AD	0	-685	0
E - AC	0	-682	0
F - AB	0	-674	0
G - AA	0	-788	0
H - Z	0	-594	0
X - I	0	-791	0
W - J	0	-676	0
V - K	0	-691	0
U - N	0	-668	0
T - O	0	-691	0
S - P	0	-636	0

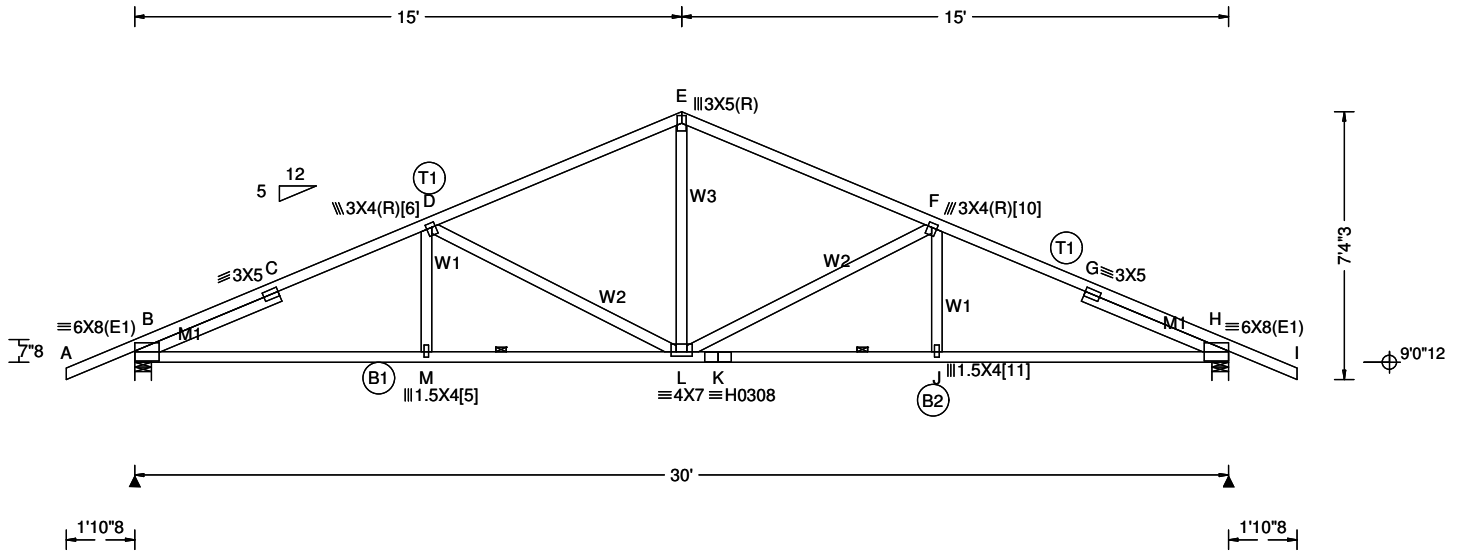


SEQN: 10618 / T2 / COMN
FROM: SKR

Ply: 1
Qty: 23
Wgt: 155.4 lbs

SA46621-1
Wood Creek Construction (Rozka)
TR04

DRW:
... / ... 04/11/2024



Conforms To:
Bldg Code: NBCC 2020
Design Criteria: Residential
TPIC Std: TPIC 2019
CSA Std: CSA 086-19

Loading Criteria (psf)
TCLL: 50.50
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): 0.201 K 999 360
VERT(TL): 0.246 K 999 360
HORZ(LL): 0.094 H - -
HORZ(TL): 0.115 H - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.71
Max BC CSI: 0.43
Max Web CSI: 0.92

▲ Bearing Locations

Loc	Ht	W	Min Req	Ctrl
B	9'0"12/5"8	/2"14	/ Support	
H	9'0"12/5"8	/2"14	/ Support	

Bearings B & H Fcperp = 768.4psi.

Ground Snow Load: 88.00
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: 62.50
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 24.0"
Load Sharing: Yes
PT/IT/RT: 4sx/10%/ 5 deg Roller Pressed
Plate Type: Wave-Canada, HS-Canada

VIEW Ver: 23.02.01.1109.17

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
B	/1704	/0	/378	/3029	/0	/
H	/1704	/0	/378	/3029	/0	/

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 = 4.261'
Rt Slider: 2x4 SPF 2100Fb-1.8E; block length = 4.261'

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
[5]	1.5X4	S	1.75	[6]	3X4	1.25	R 1.50
[10]	3X4	1.75	R 1.50	[11]	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 120 0.00 30.00
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 6.5.12 of CSA-O86-19.
This truss design conforms to BCBC 2018, NBC-2019 Alberta Edition, OBC 2012 O.R.E G. 88/19.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	118 0	E - F	0 -3590
B - C	0 -5164	F - G	0 -4940
C - D	0 -4940	G - H	0 -5164
D - E	0 -3590	H - I	118 0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.Comp.	Chords	Tens. Comp.
B - M	4500 0	K - J	4496 0
M - L	4496 0	J - H	4500 0
L - K	4496 0		

Maximum Web Forces Per Ply (lbs)

Webs	Tens.Comp.	Webs	Tens. Comp.
M - D	144 0	L - F	0 -1613
D - L	0 -1613	F - J	144 0
E - L	1645 0		



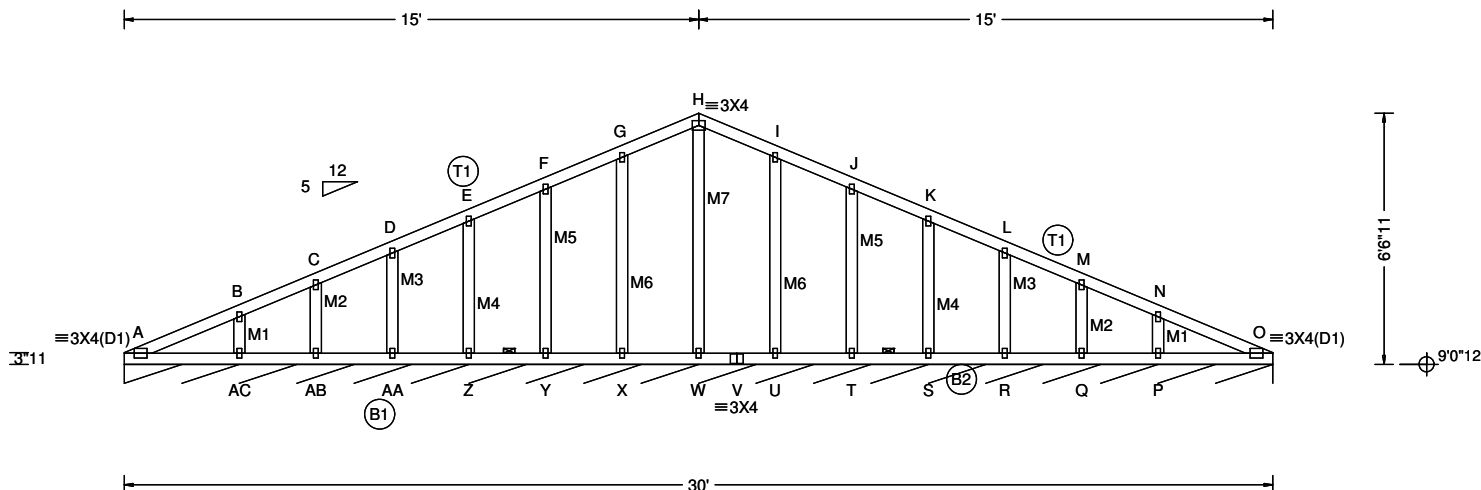
THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L
THIS DWG PREPARED FROM COMPUTER INPUT (LOADS AND DIMENSIONS) SUBMITTED BY TRUSS MFR

SEQN: 10620 / T8 / GABL
FROM: SKR

Ply: 1
Qty: 1
Wgt: 162.4 lbs

SA46621-1
Wood Creek Construction (Rozka)
TR05

DRW: ... / ...
04/11/2024



Conforms To:

Bldg Code: NBCC 2020
Design Criteria: Residential
TPIC Std: TPIC 2019
CSA Std: CSA 086-19

Loading Criteria (psf)

TCLL: 50.50
TCDL: 5.00
BCLL: 0.00
BCDL: 7.00
Des Ld: 62.50
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): 0.008 O 999 360
VERT(TL): 0.009 O 999 360
HORZ(LL): -0.003 O - -
HORZ(TL): -0.003 O - 1.00
Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.18
Max BC CSI: 0.14
Max Web CSI: 0.06

VIEW Ver: 23.02.01.1109.17

▲ Bearing Locations

Loc	Ht	W	Min Req	Ctrl
A	9'0"12'30'	/ -	/ -	

Bearing A Fcperp = 768.4psi.

▲ Bearing Reactions (lbs)

Loc	/S	/L	/D	/F	/Hz	/U
A	/6059	/0	/1119	/349	/0	/

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	77	-230	H - I	104	-174
B - C	39	-219	I - J	122	-146
C - D	82	-179	J - K	105	-160
D - E	93	-169	K - L	93	-169
E - F	105	-160	L - M	82	-179
F - G	122	-146	M - N	39	-219
G - H	104	-174	N - O	77	-230

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - AC	104	0	V - U	8	0
AC - AB	65	0	U - T	17	0
AB - AA	48	0	T - S	25	0
AA - Z	35	0	S - R	35	0
Z - Y	25	0	R - Q	48	0
Y - X	17	0	Q - P	65	0
X - W	8	0	P - O	104	0
W - V	8	0			

Maximum Gable Forces Per Ply (lbs)

Gables	Tens.	Comp.	Gables	Tens.	Comp.
B - AC	0	-864	U - I	0	-788
C - AB	0	-606	T - J	0	-674
D - AA	0	-685	S - K	0	-682
E - Z	0	-682	R - L	0	-685
F - Y	0	-674	Q - M	0	-606
G - X	0	-788	P - N	0	-864
H - W	0	-579			

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.

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	30.00

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 2-0-0 top chord outlookers and cladding load not to exceed 3.00 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 6.5.9 of CSA-O86-19.

This truss design conforms to BCBC 2018, NBC-2019 Alberta Edition, OBC 2012 O.RE G. 88/19.



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