



**MAILING ADDRESS**  
 PO Box 928  
 Salmon Arm, BC V1E 4P1  
 Phn: 250-832-8238 Fx 888-804-2585  
 e-mail: sales@satruss.ca

**QUOTE # 42558**

Date: (Quotes are valid 7 days) 08/07/2020  
 Page: 1  
 Estimated Ship Date:  
 Sold By: Andreassen, Andrew ..

Plant located @ 5231 46th Ave SE  
 Salmon Arm, BC

Deposits and pre-payments are non-refundable once work starts. Custom products cannot be returned for refund. Products are billable when completed.

Your Online banking Acct#  
 WOOD102416  
 Available at BMO, CIBC, RBC, TD, Credit Unions

**Sold To:**

**Wood Creek Construction LTD ..**

Victor Zimmerman  
 4950 46th Ave S.E.  
 Salmon Arm, BC V1E 2W1

**Ship To:**

Wood Creek (Lot#15)  
 Roof Trusses  
 1581 - 2nd Street S.E  
 Salmon Arm

Phn: (250) 253-1188

e-mail: invoice@; victor@woodcreek.ca

Cell:

Fax:

Quotes valid for 7 days. Products not delivered within 90 days of quoted date are subject to price change

SA Truss Business / GST# 104696828RP0001

Quantity	Unit	Description	Tax	Unit Price	Amount
1	Package	Trusses - Residential (As per layout)	GP	11,804.00	11,804.00
1	Flat Rate	Delivery 70' Crane (customer must make site suitable for crane operation)	GP	360.00	360.00
1		As Per Glenn and Brent (RE: Lumber) Aug 20/2020	GP	-650.00	-650.00
		GP - GST 5%, PST 7%			
		GST			575.70
		PST			805.98

**REGULAR TERMS ARE COD!** All amounts are collected on, or prior to, delivery, unless you have an account. Products will not be unloaded in not paid. Quoted prices are for cash, debit, cheque, e-transfer, online banking, or on account. Transaction fees apply to other payment types.

**All delivery dates are tentative until deposit is received and final shop drawings/layouts are returned to us signed off.**

E-mail brent@satruss.ca if you need a delivery date in writing prior to payment and or/sign off.

**SIGNING THIS QUOTE COMMITS YOU TO THIS ORDER**

To lock price and protect against increases for 60 days, quote must be signed and deposit must be paid. You must sign approved drawings within 60 days, and take delivery within 90 days.

- Quoted crane delivery prices include 1 setup & 1hr site time max.
- Additional time, or craning other materials, billed at current rate.
- Delivery is on ground unless noted otherwise noted.
- Engineer's certificates for trusses are always included.
- Engineer's certificates for beams only included if noted above.
- Joist packages are NOT precision cut.
- Products will be supplied as per SA Truss shop drawings.
- Subject to availability, equivalent product may be supplied.

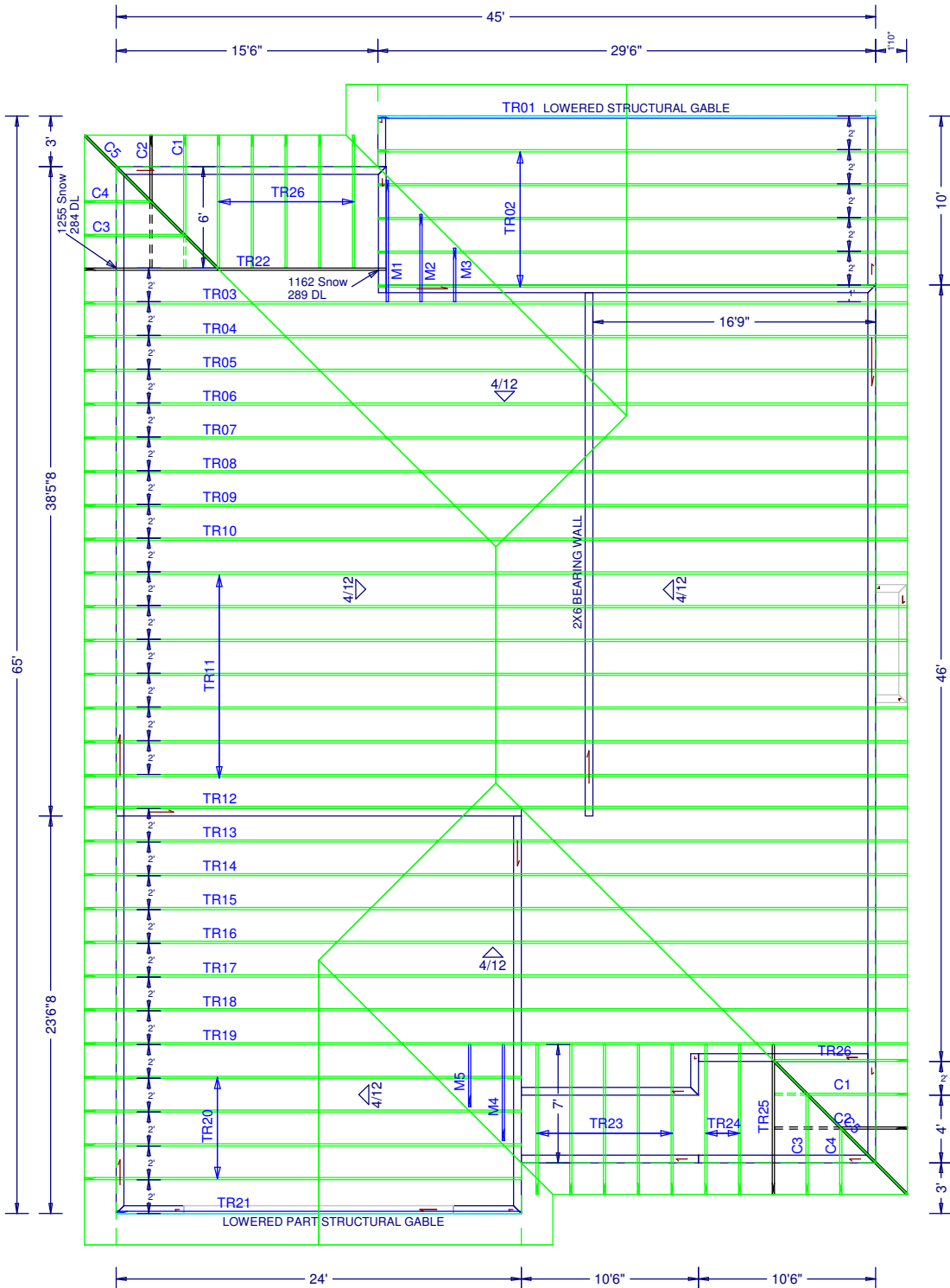
- Std terms, %50 down min, balance prior to, or on delivery.
  - Custom products not refundable once work starts.
  - Special order products not refundable.
- The undersigned agrees to the following:
- To pay the priced quoted for the products list above, and to pay interest on overdue amounts at current rate.
  - SA Truss' Current terms of sales (posted at our office).
  - To have SA Truss shop drawings reviewed and approved by:

<b>Total Amount</b>	12,895.68
%2 Pre-pay discounts are available for cash, bank draft/money order, online banking, or e-transfer (non certified cheques, & wire transfer excluded)	
Entire project must be pre paid	
Credit card payment accepted %100 in advance only	

PRINT FULL NAME: Phil Cates

SIGN: Phil Cates

DATE: 8/24/2020



LAYOUT DATE: AUG 7, 2020  
 UNSURE IF THIS LAYOUT IS CURRENT? CALL 250.832.8238  
 REFER TO INDIVIDUAL TRUSS DRAWINGS FOR BUILDING CODE  
 REQUIREMENTS AND LOCAL REGULATIONS AND SPACING.  
 ANYONE USING THIS LAYOUT MUST USE THE INFORMATION ON THE TRUSS  
 DRAWINGS IN CASE OF DISCREPANCY. THIS LAYOUT SHALL NOT BE USED  
 WITHOUT ASSOCIATED TRUSS DRAWINGS.  
 TRUSS DRAWINGS AND LAYOUT REVIEWED AND APPROVED BY:  
 FULL NAME: \_\_\_\_\_  
 FULL SIGNATURE: \_\_\_\_\_  
 THIS LAYOUT IS NOT COMPLETE WITHOUT TRUSS DRAWINGS!  
 TRUSSES ARE SUPPLIED AS PER LAYOUT AND TRUSS DRAWINGS!

DocuSigned by:  
  
 89916CFC7F15487...  
 Phil Cates

8/24/2020

STANDARD DEFAULT SPECS (U.N.O.)  
 SLOPE: 4/12  
 OVERHANG: 11"  
 OVERHANG: 22.5" NCB  
 ROOFING MATERIAL: ASPHALT SHINGLES  
 GROUND SNOW LOAD: 73 GSI, 2.1 RAIN  
 WIND SPEED: 90 MPH  
 SPACING: 24" O.C. DL, 3 psi, 50 DL, 7 psf  
 BUILDING TYPE: RESIDENTIAL  
 DETAILS SHOWN ELSEWHERE ON THIS LAYOUT  
 ARE NOT APPLICABLE TO THIS LAYOUT  
 THIS LAYOUT IS INCOMPLETE IF INDIVIDUAL TRUSS DRAWINGS  
 ARE NOT ATTACHED.

THIS LAYOUT CANNOT BE USED WITHOUT ASSOCIATED TRUSS DRAWINGS. IN CASE OF DISCREPANCY THE TRUSS DRAWINGS SHALL SUPERSEDE ANY NOTES ON THIS LAYOUT. TRUSSES ARE SUPPLIED AS PER SHOP DRAWINGS. TRUSSES ARE SUPPLIED AS INDIVIDUAL COMPONENTS RATHER THAN A COMPLETE SYSTEM. ADDITIONAL MATERIALS, ENGINEERING, OR DESIGN WORK MAY BE REQUIRED TO COMPLETE THIS SYSTEM.

REVIEW SHOP DRAWINGS & W/TA INSTALLATION GUIDE PRIOR TO TRUSS ERECTION. EACH TRUSS WILL HAVE AN ENGINEERED SEALED DRAWING (VALLEY AND CORNER JACKS EXCLUDED). THE INSTALLER MUST BE FAMILIAR WITH THESE DOCUMENTS PRIOR TO INSTALLATION.

CALL OUR OFFICE IF ANY OF THE ABOVE INFORMATION IS MISSING. 250-832-8238

TRUSSES MUST BE INSTALLED BY A QUALIFIED INSTALLER OR BUILDER, AND MAY NEED TO BE SUPERVISED BY A STRUCTURAL ENGINEER. INFORMATION PROVIDED SHOULD BE CONSIDERED AS A GUIDE, AND ADDITIONAL INFORMATION REQUIRED MUST BE OBTAINED BY THE INSTALLER. ADDITIONAL DETAIL DRAWINGS ARE AVAILABLE AT [www.sattruss.ca](http://www.sattruss.ca) (OR CALL OUR OFFICE)

INDIVIDUAL TRUSS BRACING REQUIREMENTS ARE SHOWN ON THE ENGINEERED SEALED DRAWINGS. MATERIALS FOR BRACING ARE NOT INCLUDED.

HIGH HEEL (9"+) TRUSSES REQUIRE BLOCKING OR CROSS BRACING OVER ALL BEARINGS.

BRACING FOR OVERALL BUILDING ENVELOPE HAS NOT BEEN ADDRESSED BY THIS DESIGN. CONTACT A QUALIFIED BUILDING DESIGNER OR STRUCTURAL ENGINEER TO REVIEW YOUR REQUIREMENTS.

INSTALL H1 OR H2.5T TIE DOWNS AT ALL BEARINGS (UNLESS TRUSS IS IN HANGER). INSTALL 2 H1 OR H2.5T TIE DOWNS AT ALL GIRDER BEARINGS. RESIDENTIAL TRUSSES MAY BE TOE NAILED INSTEAD.

TOP CHORD OF ALL WALL GIRDERS MUST BE BRACED. REFER TO SATTRUSS DETAIL DO NOT INSTALL WITHOUT REVIEWING DETAIL FIRST.

GIRDERS 2 PLYS AND OVER REQUIRE 10d 3" X 148" COMMON NAILS, NAIL GIRDERS OVER 2 PLYS FROM OUTSIDE PLYS IN, NAILING MUST BE VISIBLE FOR INSPECTION. (SEE SEALED DRAWING FOR NAIL PATTERN.)

GIRDERS OVER 3 PLYS REQUIRE 1/2" BOLTS (NOT INCLUDED) AT EACH JOIST LOCATION. GIRDER MUST BE NAILED FIRST, THEN BOLTED. DO NOT DRILL HOLES THROUGH TRUSS CONNECTOR PLATES. (ALSO SEE SEALED DRAWING)

RECOMMEND INSTALLING BEARING BLOCKS AND SCAB BRACING ON TRUSSES PRIOR TO INSTALLATION OF TRUSSES. (REFER TO ENGINEERED SEALED DRAWINGS.)

ALL HANGERS HAVE SPECIFIC NAIL REQUIREMENTS PRODUCT CATALOGS ARE AVAILABLE AT OUR OFFICE OR AT <http://www.strongtie.com/literature/>

GABLE END LADDER FRAMING AND GABLE END SHEATHING IS NOT INCLUDED. LADDER FRAMING DESIGN IS BY OTHERS.

NON STRUCTURAL GABLES ARE FLEXIBLE. MAKE SURE THEY ARE STRAIGHT BEFORE ATTACHING PLYWOOD

REFER TO VALLEY FRAMING DETAIL FOR VALLEY JACKS. [www.sattruss.ca](http://www.sattruss.ca) under details. HAND FRAMED VALLEYS AND TRANSITIONS MUST BE FRAMED TO AVOID POINT LOADING STRUCTURE BELOW.

INSTALL DRYWALL CLIPS AT INTERIOR PARTITION WALLS AND TAKE OTHER MEASURES TO ALLOW FOR MOVEMENT. TRUSSES WILL DEFLECT (AND LIFT UP) DUE TO WEATHER AND ONGOING SEASONAL CHANGES. INSTALLATION OF FINISHED SURFACES MUST ALLOW FOR THIS MOVEMENT, AND ANY DAMAGE TO TRUSSES OR FINISHES DUE TO MOVEMENT IS NOT WARRANTABLE.

DO NOT CUT, MODIFY, NOTCH OR DRILL HOLES IN ANY TRUSS (OTHER THAN BOLT HOLES FOR GIRDERS). OVERHANGS MAY BE TRIMMED IF TRUSS CONNECTOR PLATE IS NOT AFFECTED.

CALL OUR OFFICE FOR QUESTIONS REGARDING INSTALLATION OR MODIFICATION BEFORE PROCEEDING. 250-832-8238

DO NOT INSTALL TRUSSES IF YOU ARE UNSURE ABOUT FIT. IF IT'S DAMAGED, OR IF IT NEEDS TO BE MODIFIED.

PLYWOOD TAKEOFF (IF SHOWN) IS AUTO GENERATED AND IS NOT VERIFIED BY OUR DESIGNERS.

LEGEND

FR: FRAMED BY OTHERS  
 LVL: LAMINATED VENEER LUMBER  
 ENG: ENGINEERED  
 BBO: BEAM BY OTHER (REQUIRED)  
 RO: ROUGH OPENING  
 (\*) : ATTENTION REQUIRED:

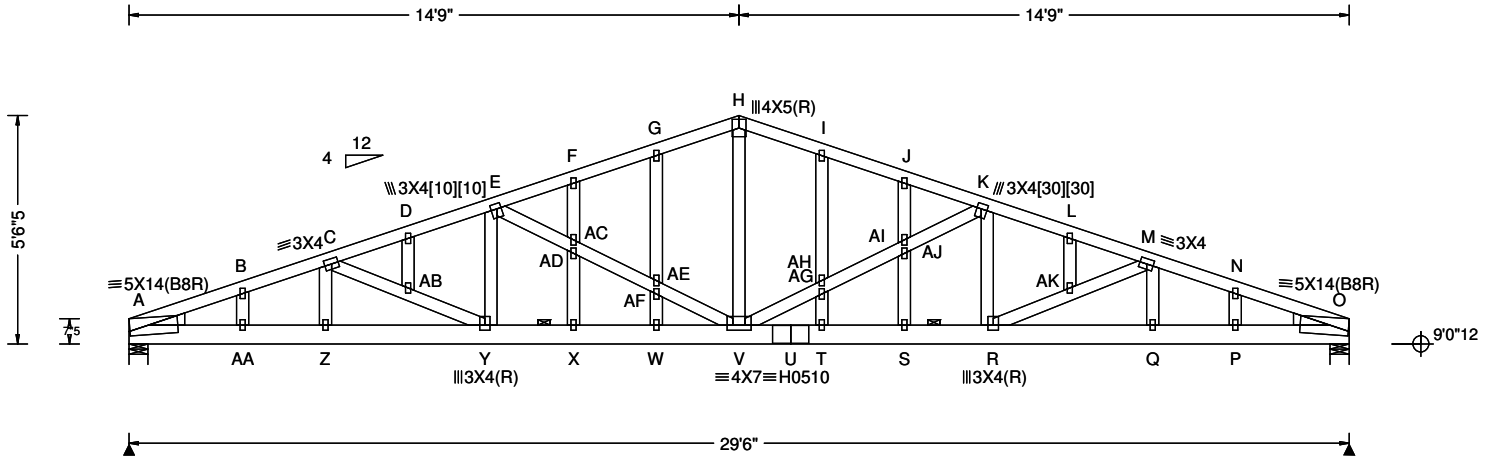
TRUSS TYPE	TRUSS LABEL	RELATED DETAILS
STANDARD GABLE	TR D9	
CORNER JACK	C D2, D5, D13, D14	
VALLEY JACK	VM D5/D7	
CAP TRUSS	P/CAP D8	

REVIEW HANDLING, INSTALLATION AND BRACING GUIDELINES BEFORE ERECTING TRUSSES

Name: Wood Creek (Lot#15) Roof  
 Location: Salmon Arm  
 : 1581 - 2nd Street S.E.  
 Designer: Andy Andreassen

JOB NO:  
 42558

PAGE NO:  
 1 OF 1



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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  
TCDL: NA  
BCDL: NA  
Duration of Load: NA

**Defl/CSI Criteria**  
PP Deflection in loc L/def L/D  
VERT(LL): 0.385 G 920 360  
VERT(TL): 0.583 G 607 360  
HORZ(LL): 0.091 P - -  
HORZ(TL): 0.137 P - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.61  
Max BC CSI: 0.69  
Max Web CSI: 0.68  
VIEW Ver: 20.01.00C.0430.20

**▲ Bearing Locations**  
Loc Ht / W  
A 9'0"12 / 5'8  
O 9'0"12 / 5'8

**▲ Bearing Reactions (lbs)**  
Loc / S / L / D / F / Hz / U  
A / 1869 / 0 / 339 / 3228 / 0 /  
O / 1869 / 0 / 339 / 3228 / 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;

**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: 0.00 127/ 0/ 0/ 9 29.50 127/ 0/ 0/ 9  
BC: 0.00 0/ 0/ 0/ 14 29.50 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.  
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
[10]	3X4	1.25	R 1.50	[30]	3X4	1.75	R 1.50

**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 29.50  
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-O86-14.

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	0 -7297	H - I	0 -5044
B - C	0 -7221	I - J	0 -5032
C - D	0 -6876	J - K	0 -5081
D - E	0 -6819	K - L	0 -6819
E - F	0 -5081	L - M	0 -6876
F - G	0 -5032	M - N	0 -7221
G - H	0 -5044	N - O	0 -7297

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - AA	6801 0	U - T	6416 0
AA - Z	6790 0	T - S	6400 0
Z - Y	6805 0	S - R	6392 0
Y - X	6392 0	R - Q	6805 0
X - W	6400 0	Q - P	6790 0
W - V	6416 0	P - O	6801 0
V - U	6416 0		

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
Z - C	11 -286	V -AG	0 -1957
C -AB	0 -356	AG-AH	0 -2059
AB - Y	0 -439	AH-AI	0 -1870
Y - E	745 0	AI-AJ	0 -1976
E - AC	0 -1885	AJ - K	0 -1885
AC -AD	0 -1976	K - R	745 0
AD -AE	0 -1870	R -AK	0 -439
AE -AF	0 -2059	AK - M	0 -356
AF - V	0 -1957	M - Q	11 -286
H - V	2730 0		

**Maximum Gable Forces Per Ply (lbs)**



FROM: AA  
Page 2 of 2

Qty: 1  
Wgt: 198.8 lbs

Wood Creek (Lot#15) Roof Trusses  
TR01

DRW:  
... / ... 08/07/2020

Gables	Tens.Comp.	Gables	Tens. Comp.
B-AA	0 -266	AG-T	0 -274
AB-D	0 -190	I-AH	0 -433
AC-F	0 -211	AI-S	0 -257
X-AD	0 -257	J-AJ	0 -211
AE-G	0 -433	L-AK	0 -190
W-AF	0 -274	P-N	0 -266



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

FROM: AA

Qty: 5

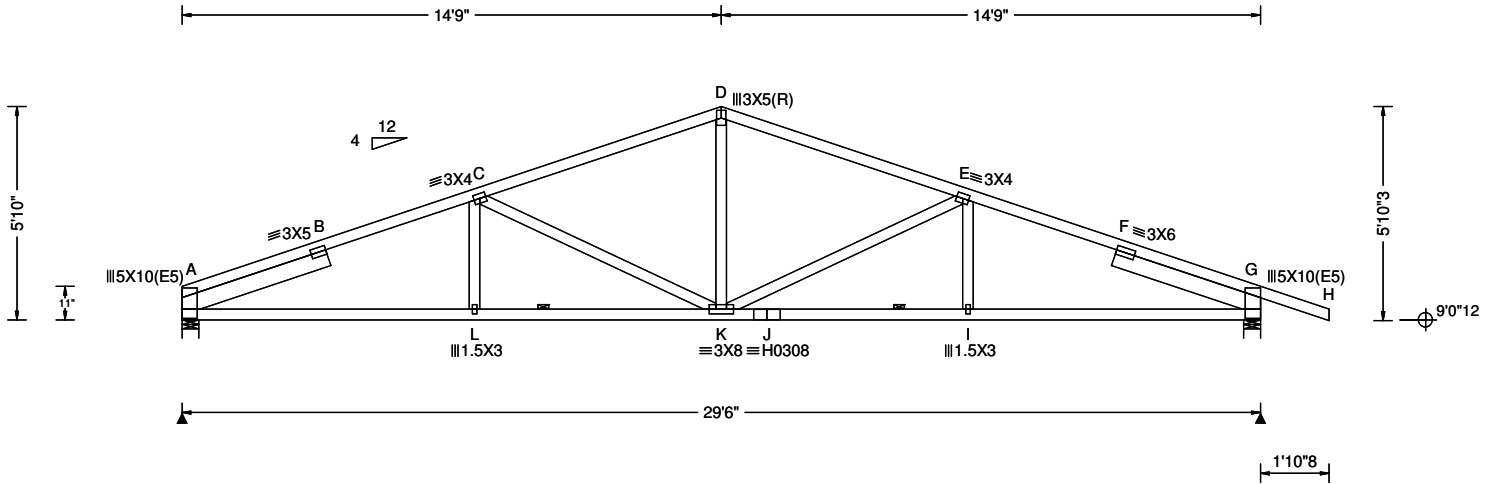
Wgt: 152.6 lbs

Wood Creek (Lot#15) Roof Trusses  
TR02

DRW:

... / ...

08/07/2020



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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): 0.255 J 999 360  
VERT(TL): 0.398 J 890 360  
HORZ(LL): 0.099 F - -  
HORZ(TL): 0.154 F - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.61  
Max BC CSI: 0.53  
Max Web CSI: 0.60  
VIEW Ver: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W  
A 9'0"12 / 5'8  
G 9'0"12 / 5'8

**▲ Bearing Reactions (lbs)**

Loc	/S	/L	/D	/F	/Hz	/U
A	/1241	/0	/294	/2230	/0	/
G	/1409	/0	/306	/2498	/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

**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 = 4.240'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 4.240'

**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	29.50

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

**Additional Notes**

Interaction equation as per Clause 6.5.13 of CSA-086-14.

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	-4559	E - F	0	-4322
B - C	0	-4365	F - G	0	-4519
C - D	0	-3301	G - H	80	0
D - E	0	-3299			

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - L	4059	0	J - I	4009	0
L - K	4057	0	I - G	4011	0
K - J	4009	0			

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - C	131	0	K - E	0	-1150
C - K	0	-1203	E - I	130	0
D - K	1206	0			



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

FROM: AA

Qty: 1

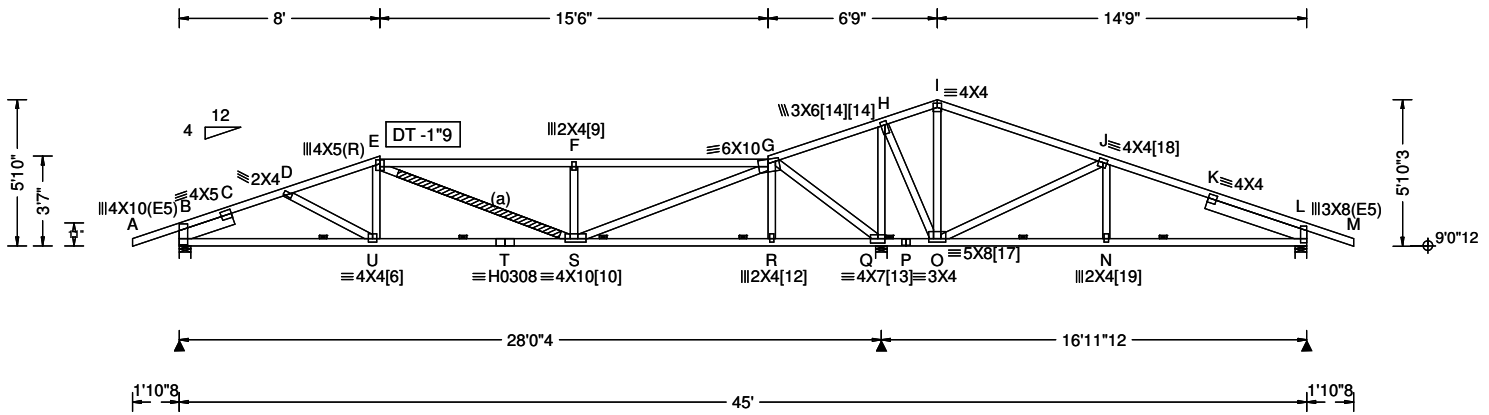
Wgt: 252.0 lbs

Wood Creek (Lot#15) Roof Trusses  
TR03

DRW:

... / ...

08/07/2020



**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: 3.00  
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): 0.232 T 999 360  
VERT(TL): 0.362 T 924 360  
HORZ(LL): -0.068 K - -  
HORZ(TL): -0.106 K - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.78  
Max BC CSI: 0.93  
Max Web CSI: 0.87

**▲ Bearing Locations**  
Loc Ht / W  
B 9'0"12 / 5'8  
Q 9'0"12 / 5'8  
L 9'0"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: 52.25  
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: 20.01.00C.0430.20

**▲ Bearing Reactions (lbs)**  
Loc / S / L / D / F / Hz / U  
B / 1151 / 0 / 238 / 2026 / 0 /  
Q / 2408 / 0 / 584 / 4342 / 0 /  
L / 862 / 0 / 99 / 1418 / 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 = 2.283'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 4.240'

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

**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.

**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
[6]	4X4	S	1.75	[9]	2X4	S	2.25
[10]	4X10	2.50 L	1.75	[12]	2X4	S	1.75
[13]	4X7	S	2.25	[14]	3X6	2.00 L	1.75
[17]	5X8	S	1.75	[18]	4X4	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 68 0.00 45.00  
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	80 0	G - H	2313 0
B - C	0 -3377	H - I	1453 -100
C - D	0 -3136	I - J	1450 -265
D - E	0 -3034	J - K	1048 -1625
E - F	0 -3149	K - L	1053 -1788
F - G	0 -3149	L - M	80 0

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - U	2831 0	Q - P	0 -1923
U - T	2826 0	P - O	0 -1923
T - S	2826 0	O - N	1505 -964
S - R	0 -208	N - L	1509 -959
R - Q	0 -203		

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
D - U	53 -2	G - Q	0 -2347
U - E	122 0	Q - H	0 -2887
E - S	345 -28	H - O	2050 0
F - S	0 -1339	I - O	0 -1064
S - G	3560 0	O - J	0 -1760
G - R	131 0	J - N	193 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

FROM: AA

Qty: 1

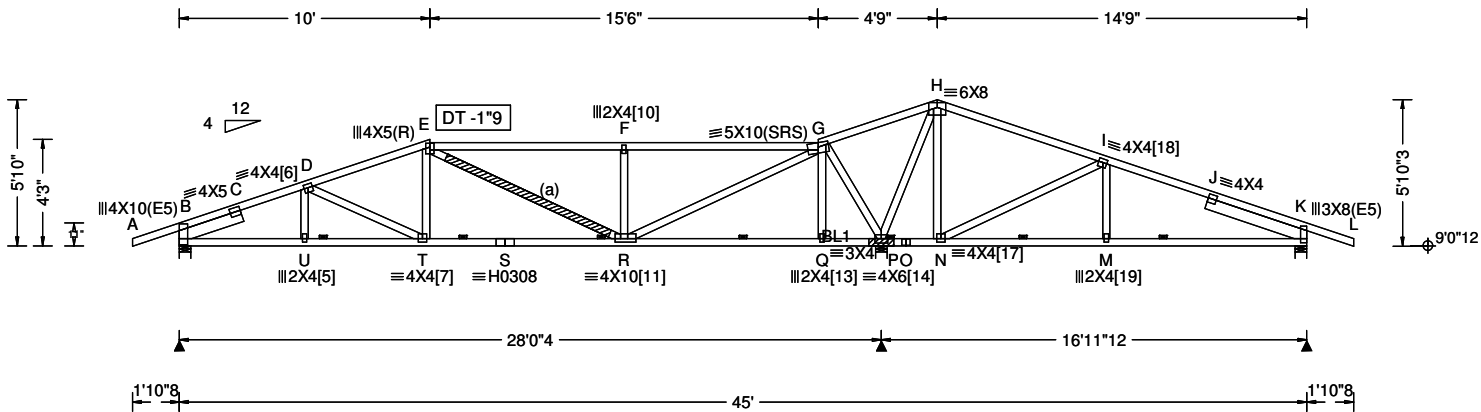
Wgt: 253.4 lbs

Wood Creek (Lot#15) Roof Trusses  
TR04

DRW:

... / ...

08/07/2020



**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: 3.00  
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): 0.194 S 999 360  
VERT(TL): 0.303 S 999 360  
HORZ(LL): -0.063 J - -  
HORZ(TL): -0.098 J - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.75  
Max BC CSI: 0.65  
Max Web CSI: 0.86

**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: 52.25  
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: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc	Ht	/ W
B	9'0"12'	5'8"
P	9'0"12'	5'8"
K	9'0"12'	5'8"

**▲ Bearing Reactions (lbs)**

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	1181	0	243	2077	0	
P	2356	0	576	4255	0	
K	853	0	102	1407	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 = 2.659'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 4.240'

**Bearing Block(s)**

Brg blocks: 3.0" common nails  
brg x-loc #blocks length/blk #nails/blk  
2 27.792' 1 12" 5  
Brg block to be same size and species as chord.  
Refer to drawing CNNALSP1014 for more information.

**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.

**Additional Notes**

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

**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
[5]	2X4	S	1.75	[6]	4X4	S	1.75
[7]	4X4	S	1.75	[10]	2X4	S	2.25
[11]	4X10	2.50 L	1.75	[13]	2X4	S	1.75
[14]	4X6	S	2.25	[17]	4X4	S	1.75
[18]	4X4	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 75 0.00 45.00  
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	80 0	G - H	2202 0
B - C	0 -3482	H - I	1293 -257
C - D	0 -3282	I - J	914 -1599
D - E	0 -2962	J - K	917 -1762
E - F	0 -2437	K - L	80 0
F - G	0 -2437		

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - U	3002 0	Q - P	0 -864
U - T	3005 0	P - O	60 -1233
T - S	2701 0	O - N	60 -1233
S - R	2701 0	N - M	1481 -840
R - Q	0 -868	M - K	1485 -835

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
U - D	56 -71	G - Q	128 0
D - T	0 -324	G - P	0 -2086
T - E	310 0	P - H	0 -2660
E - R	0 -340	H - N	808 0
F - R	0 -1330	N - I	0 -1728
R - G	3605 0	I - M	190 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

FROM: AA

Qty: 1

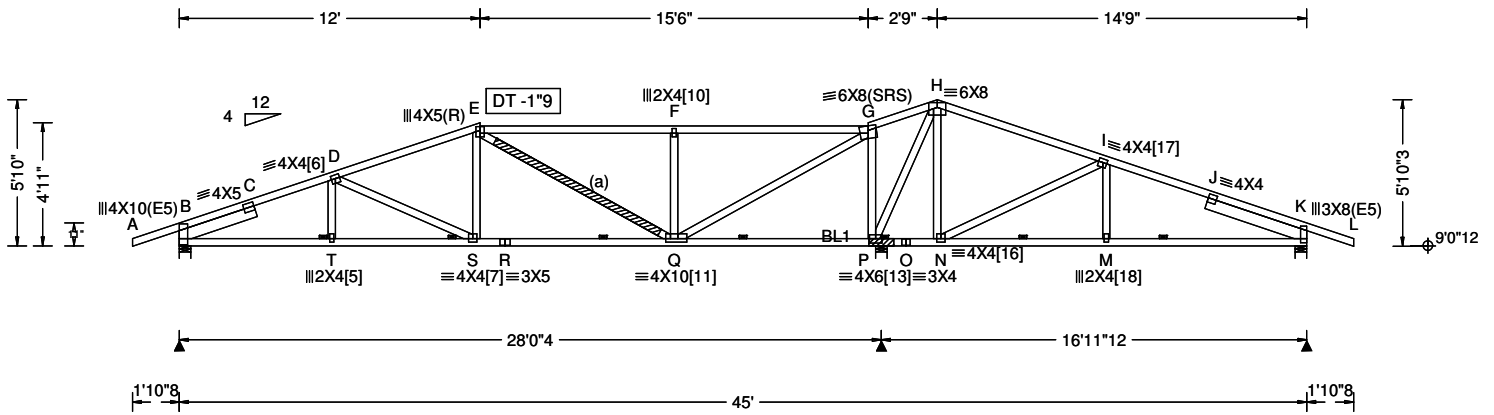
Wgt: 252.7 lbs

Wood Creek (Lot#15) Roof Trusses  
TR05

DRW:

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08/07/2020



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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): 0.181 J 999 360  
VERT(TL): 0.282 J 731 360  
HORZ(LL): -0.055 J - -  
HORZ(TL): -0.085 J - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.72  
Max BC CSI: 0.99  
Max Web CSI: 0.85

**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: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W

B 9'0"12 / 5'8  
P 9'0"12 / 5'8  
K 9'0"12 / 5'8

**▲ Bearing Reactions (lbs)**

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

B / 1188 / 0 / 243 / 2087 / 0 /  
P / 2314 / 0 / 569 / 4183 / 0 /  
K / 856 / 0 / 109 / 1422 / 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 = 3.230'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 4.240'

**Bearing Block(s)**

Brg blocks: 3.0" common nails  
brg x-loc #blocks length/blk #nails/blk  
2 27.792' 1 12" 2  
Brg block to be same size and species as chord.  
Refer to drawing CNNALSP1014 for more information.

**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.

**Additional Notes**

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

**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
[5]	2X4	S	1.75	[6]	4X4	S	1.75
[7]	4X4	S	1.75	[10]	2X4	S	2.25
[11]	4X10	2.25 L	1.75	[13]	4X6	S	2.25
[16]	4X4	S	1.75	[17]	4X4	S	1.75
[18]	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	72	0.00	45.00

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

**Maximum Top Chord Forces Per Ply (lbs)**

Chords Tens.Comp. Chords Tens. Comp.

A - B	80	0	G - H	1958	0
B - C	0	-3542	H - I	1123	-296
C - D	0	-3360	I - J	760	-1635
D - E	0	-2685	J - K	761	-1798
E - F	0	-1669	K - L	80	0
F - G	0	-1669			

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords Tens.Comp. Chords Tens. Comp.

B - T	3096	0	P - O	97	-1069
T - S	3096	0	O - N	97	-1069
S - R	2401	0	N - M	1514	-697
R - Q	2401	0	M - K	1519	-692
Q - P	0	-1670			

**Maximum Web Forces Per Ply (lbs)**

Webs Tens.Comp. Webs Tens. Comp.

T - D	89	-1	G - P	0	-1863
D - S	0	-748	P - H	0	-2403
S - E	483	0	H - N	778	0
E - Q	0	-899	N - I	0	-1703
F - R	0	-1320	I - M	186	0
Q - G	3759	0			





FROM: AA

Qty: 1

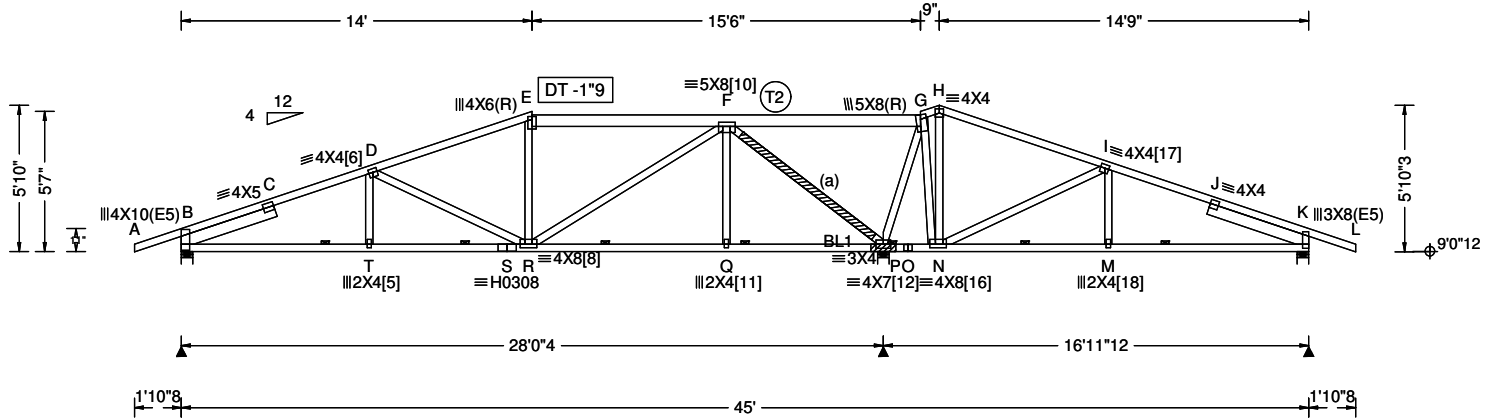
Wgt: 263.9 lbs

Wood Creek (Lot#15) Roof Trusses  
TR06

DRW:

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08/07/2020



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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): 0.178 J 999 360  
VERT(TL): 0.278 J 733 360  
HORZ(LL): 0.047 M - -  
HORZ(TL): 0.073 M - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.71  
Max BC CSI: 0.59  
Max Web CSI: 0.85

**▲ Bearing Locations**

Loc Ht / W  
B 9'0"12 / 5'8  
P 9'0"12 / 5'8  
K 9'0"12 / 5'8

**▲ Bearing Reactions (lbs)**

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 1214	/ 0	/ 246	/ 2130	/ 0	/
P	/ 2275	/ 0	/ 568	/ 4124	/ 0	/
K	/ 849	/ 0	/ 107	/ 1408	/ 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: 20.01.00C.0430.20

**Lumber**

Top Chord: 2x4 SPF 2100Fb-1.8E;  
T2 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 = 3.976'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 4.240'

**Bearing Block(s)**

Brg blocks: 3.0" common nails  
brg x-loc #blocks length/blk #nails/blk  
2 27.792' 1 12" 2  
Brg block to be same size and species as chord.  
Refer to drawing CNNALSP1014 for more information.

**Additional Notes**

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

**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.

**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
[5]	2X4	S	1.75	[6]	4X4	S	1.75
[8]	4X8	S	1.75	[10]	5X8	2.00 L	2.00
[11]	2X4	S	1.75	[12]	4X7	S	2.00
[16]	4X8	1.75 R	1.75	[17]	4X4	S	1.75
[18]	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	75	0.00	45.00

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

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	80 0	G - H	1126 -69
B - C	0 -3611	H - I	1055 -237
C - D	0 -3429	I - J	695 -1600
D - E	0 -2449	J - K	696 -1763
E - F	0 -2204	K - L	80 0
F - G	1574 0		

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - T	3177 0	P - O	0 -1155
T - S	3175 0	O - N	0 -1155
S - R	3175 0	N - M	1482 -637
R - Q	1134 0	M - K	1486 -632
Q - P	1134 0		

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
T - D	120 0	P - G	0 -1966
D - R	0 -1107	G - N	1806 0
R - E	73 -59	H - N	0 -1004
R - F	1301 0	N - I	0 -1712
F - Q	146 0	I - M	184 0
F - P	0 -3365		



FROM: AA

Qty: 1

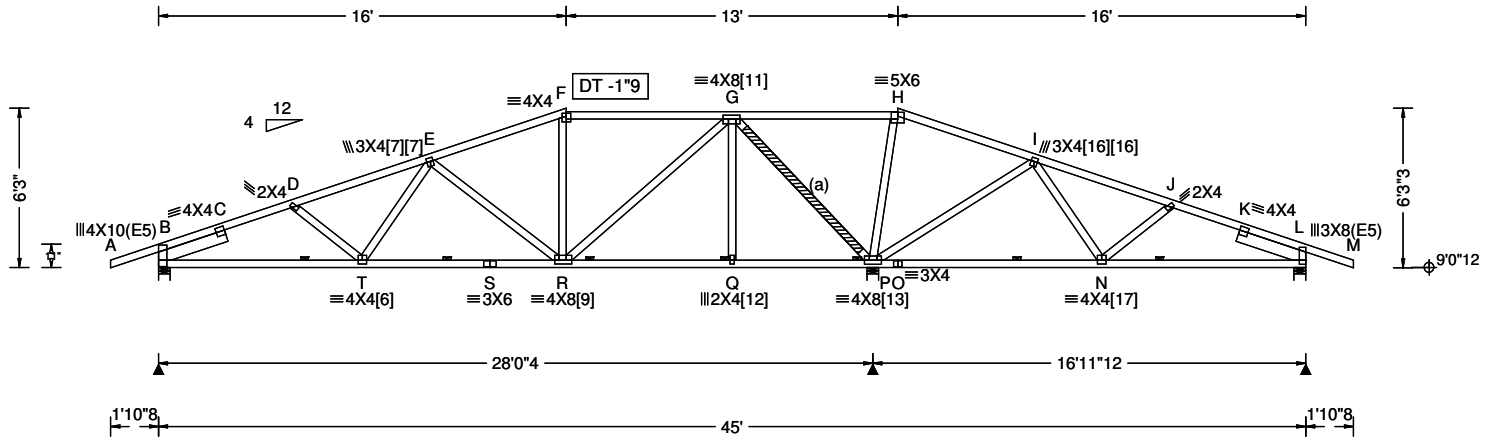
Wgt: 250.6 lbs

Wood Creek (Lot#15) Roof Trusses  
TR07

DRW:

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08/07/2020



**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: 3.00

BCLL: 0.00

BCDL: 7.00

Des Ld: 52.25

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

**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): 0.155 S 999 360

VERT(TL): 0.241 S 999 360

HORZ(LL): 0.028 R - -

HORZ(TL): 0.043 R - 1.00

Creep Factor: 1.0

Overhang: Non-removable

Max TC CSI: 0.80

Max BC CSI: 0.38

Max Web CSI: 0.86

VIEW Ver: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W

B 9'0"12 / 5'8"

P 9'0"12 / 5'8"

L 9'0"12 / 5'8"

**▲ Bearing Reactions (lbs)**

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

B / 1090 / 0 / 232 / 1925 / 0 /

P / 2568 / 0 / 607 / 4612 / 0 /

L / 739 / 0 / 82 / 1212 / 0 /

**Maximum Top Chord Forces Per Ply (lbs)**

Chords Tens.Comp. Chords Tens. Comp.

A - B 80 0 G - H 2223 0

B - C 0 -3149 H - I 2196 0

C - D 0 -2963 I - J 685 -904

D - E 0 -2673 J - K 594 -1322

E - F 142 -1448 K - L 611 -1453

F - G 129 -1258 L - M 80 0

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords Tens.Comp. Chords Tens. Comp.

B - T 2705 0 Q - P 560 -511

T - S 2255 0 P - O 429 -820

S - R 2255 0 O - N 429 -820

R - Q 560 -511 N - L 1205 -532

**Maximum Web Forces Per Ply (lbs)**

Webs Tens.Comp. Webs Tens. Comp.

D - T 93 -370 G - P 0 -3164

T - E 414 0 P - H 0 -1298

E - R 0 -1308 P - I 0 -1634

R - F 46 -189 I - N 763 0

R - G 1724 0 N - J 0 -737

G - Q 100 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 = 2.824'

Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 2.824'

**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.

**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	Plate	Lateral	Chord	JT	Plate	Lateral	Chord	
No	Size	Shift	Bite	No	Size	Shift	Bite	
[6]	4X4	S	1.75	[7]	3X4	1.75	L	1.75
[9]	4X8	2.00	L	[11]	4X8	2.00	R	1.75
[12]	2X4	S	1.75	[13]	4X8	S	2.00	
[16]	3X4	1.75	R	1.75	[17]	4X4	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	45.00

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

**Additional Notes**

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

Warning: Component is designed to bear at specific locations.



FROM: AA

Qty: 1

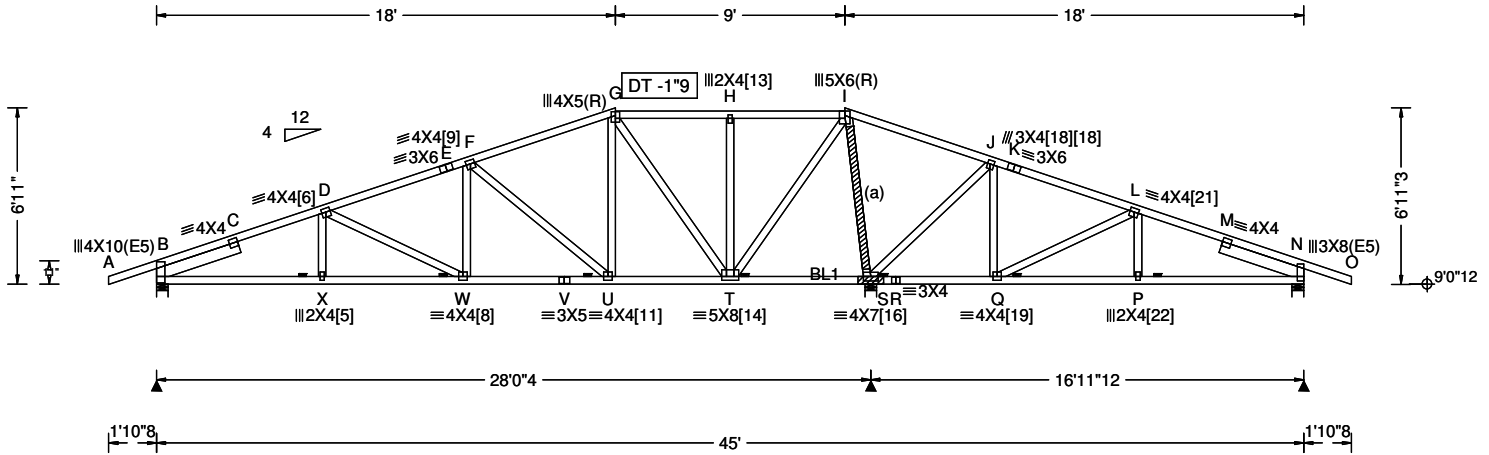
Wgt: 274.4 lbs

Wood Creek (Lot#15) Roof Trusses  
TR08

DRW:

... / ...

08/07/2020



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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): 0.148 E 999 360  
VERT(TL): 0.231 E 999 360  
HORZ(LL): 0.037 T - -  
HORZ(TL): 0.057 T - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.53  
Max BC CSI: 0.67  
Max Web CSI: 0.88

**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: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W

B 9'0"12 / 5'8  
S 9'0"12 / 5'8  
N 9'0"12 / 5'8

**▲ Bearing Reactions (lbs)**

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

B / 1144 / 0 / 234 / 2010 / 0 /  
S / 2424 / 0 / 600 / 4388 / 0 /  
N / 786 / 0 / 87 / 1288 / 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 = 3.449'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.449'

**Bearing Block(s)**

Brg blocks: 3.0" common nails  
brg x-loc #blocks length/blk #nails/blk  
2 27.792' 1 12" 2  
Brg block to be same size and species as chord.  
Refer to drawing CNNALSP1014 for more information.

**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.

**Additional Notes**

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

**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
[5]	2X4	S	1.75	[6]	4X4	S	1.75
[8]	4X4	S	1.75	[9]	4X4	S	1.75
[11]	4X4	S	1.75	[13]	2X4	S	1.75
[14]	5X8	S	1.75	[16]	4X7	S	2.00
[18]	3X4	2.00 R	1.75	[19]	4X4	S	1.75
[21]	4X4	S	1.75	[22]	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	75	0.00	45.00

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

**Maximum Top Chord Forces Per Ply (lbs)**

Chords Tens.Comp. Chords Tens. Comp.

A - B	80	0	H - I	302	-442
B - C	0	-3312	I - J	1899	0
C - D	0	-3136	J - K	876	-288
D - E	0	-2466	K - L	874	-490
E - F	0	-2263	L - M	581	-1418
F - G	84	-1294	M - N	586	-1560
G - H	302	-442	N - O	80	0

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords Tens.Comp. Chords Tens. Comp.

B - X	2886	0	T - S	0	-1226
X - W	2884	0	S - R	331	-841
W - V	2223	0	R - Q	331	-841
V - U	2223	0	Q - P	1296	-531
U - T	1046	-87	P - N	1300	-526

**Maximum Web Forces Per Ply (lbs)**

Webs Tens.Comp. Webs Tens. Comp.

X - D	104	0	T - I	2511	0
D - W	0	-757	I - S	0	-3195
W - F	465	0	S - J	0	-1579
F - U	0	-1507	J - Q	625	0
U - G	1074	0	Q - L	0	-1219
G - T	0	-1504	L - P	149	0
H - T	0	-759			



FROM: AA

Qty: 1

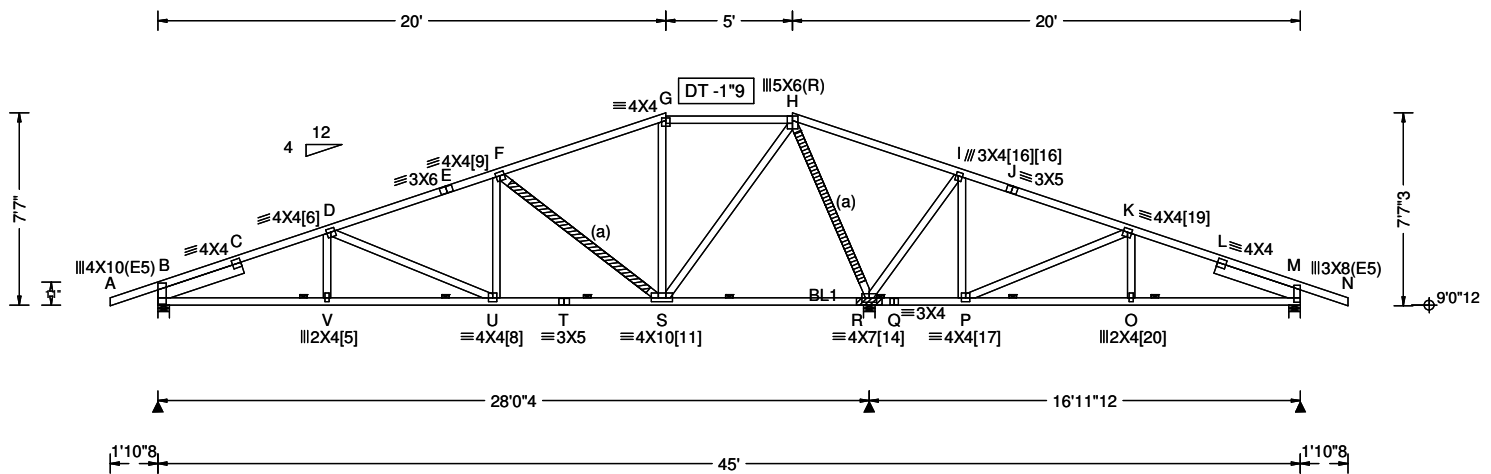
Wgt: 256.2 lbs

Wood Creek (Lot#15) Roof Trusses  
TR09

DRW:

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08/07/2020



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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): 0.208 E 999 360  
VERT(TL): 0.325 E 999 360  
HORZ(LL): 0.046 E - -  
HORZ(TL): 0.071 E - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.69  
Max BC CSI: 0.45  
Max Web CSI: 0.64

**▲ Bearing Locations**

Loc	Ht	/ W
B	9'0"	12' / 5'8"
R	9'0"	12' / 5'8"
M	9'0"	12' / 5'8"

**▲ Bearing Reactions (lbs)**

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 1144	/ 0	/ 233	/ 2009	/ 0	/
R	/ 2424	/ 0	/ 602	/ 4390	/ 0	/
M	/ 779	/ 0	/ 85	/ 1276	/ 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: 20.01.00C.0430.20

**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 = 3.537'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.537'

**Bearing Block(s)**  
Brg blocks: 3.0" common nails  
brg x-loc #blocks length/blk #nails/blk  
2 27.792' 1 12" 5  
Brg block to be same size and species as chord.  
Refer to drawing CNNALSP1014 for more information.

**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.

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

**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
[5]	2X4	S	1.75	[6]	4X4	S	1.75
[8]	4X4	S	1.75	[9]	4X4	S	1.75
[11]	4X10	S	1.75	[14]	4X7	S	2.00
[16]	3X4	2.00 R	1.75	[17]	4X4	S	1.75
[19]	4X4	S	1.75	[20]	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 75 0.00 45.00  
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	80 0	H - I	1938 0
B - C	0 -3328	I - J	1025 -66
C - D	0 -3152	J - K	1020 -261
D - E	0 -2299	K - L	670 -1390
E - F	0 -2104	L - M	675 -1533
F - G	127 -868	M - N	80 0
G - H	114 -676		

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - V	2906 0	R - Q	97 -979
V - U	2904 0	Q - P	97 -979
U - T	2044 0	P - O	1274 -614
T - S	2044 0	O - M	1279 -608
S - R	0 -520		

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
V - D	119 0	H - R	0 -3169
D - U	0 -926	R - I	0 -1627
U - F	505 0	I - P	631 0
F - S	0 -1760	P - K	0 -1416
S - G	0 -458	K - O	158 0
S - H	2060 0		



FROM: AA

Qty: 1

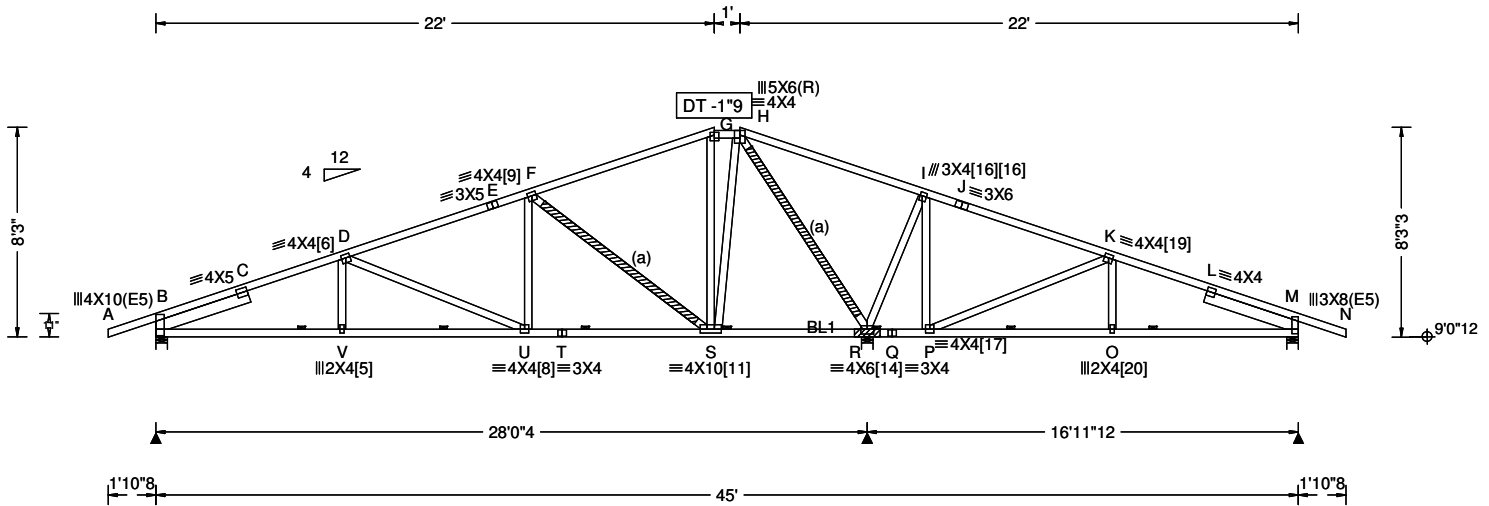
Wgt: 261.8 lbs

Wood Creek (Lot#15) Roof Trusses  
TR10

DRW:

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08/07/2020



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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): 0.182 E 999 360  
VERT(TL): 0.284 E 999 360  
HORZ(LL): 0.047 O - -  
HORZ(TL): 0.073 O - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.78  
Max BC CSI: 0.41  
Max Web CSI: 0.92

**▲ Bearing Locations**

Loc Ht / W  
B 9'0"12 / 5'8  
R 9'0"12 / 5'8  
M 9'0"12 / 5'8

**▲ Bearing Reactions (lbs)**

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 1178	/ 0	/ 240	/ 2068	/ 0	/
R	/ 2334	/ 0	/ 585	/ 4234	/ 0	/
M	/ 799	/ 0	/ 96	/ 1320	/ 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: 20.01.00C.0430.20

**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 = 3.889'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.889'

**Bearing Block(s)**

Brg blocks: 3.0" common nails  
brg x-loc #blocks length/blk #nails/blk  
2 27.792' 1 12" 5  
Brg block to be same size and species as chord.  
Refer to drawing CNNALSP1014 for more information.

**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.

**Additional Notes**

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

**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
[5]	2X4	S	1.75	[6]	4X4	S	1.75
[8]	4X4	S	1.75	[9]	4X4	S	1.75
[11]	4X10	S	1.75	[14]	4X6	S	2.25
[16]	3X4	2.00 R	1.75	[17]	4X4	S	1.75
[19]	4X4	S	1.75	[20]	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 75 0.00 45.00  
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	80 0	H - I	1637 0
B - C	0 -3455	I - J	999 0
C - D	0 -3275	J - K	995 -136
D - E	0 -2240	K - L	630 -1439
E - F	0 -1992	L - M	632 -1590
F - G	20 -618	M - N	80 0
G - H	13 -417		

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - V	3029 0	R - Q	0 -952
V - U	3026 0	Q - P	0 -952
U - T	1972 0	P - O	1324 -577
T - S	1972 0	O - M	1329 -572
S - R	188 -62		

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
V - D	132 0	H - R	0 -3026
D - U	0 -1123	R - I	0 -1699
U - F	594 0	I - P	677 0
F - S	0 -1980	P - K	0 -1578
S - G	0 -308	K - O	175 0
S - H	1653 0		



FROM: AA

Qty: 7

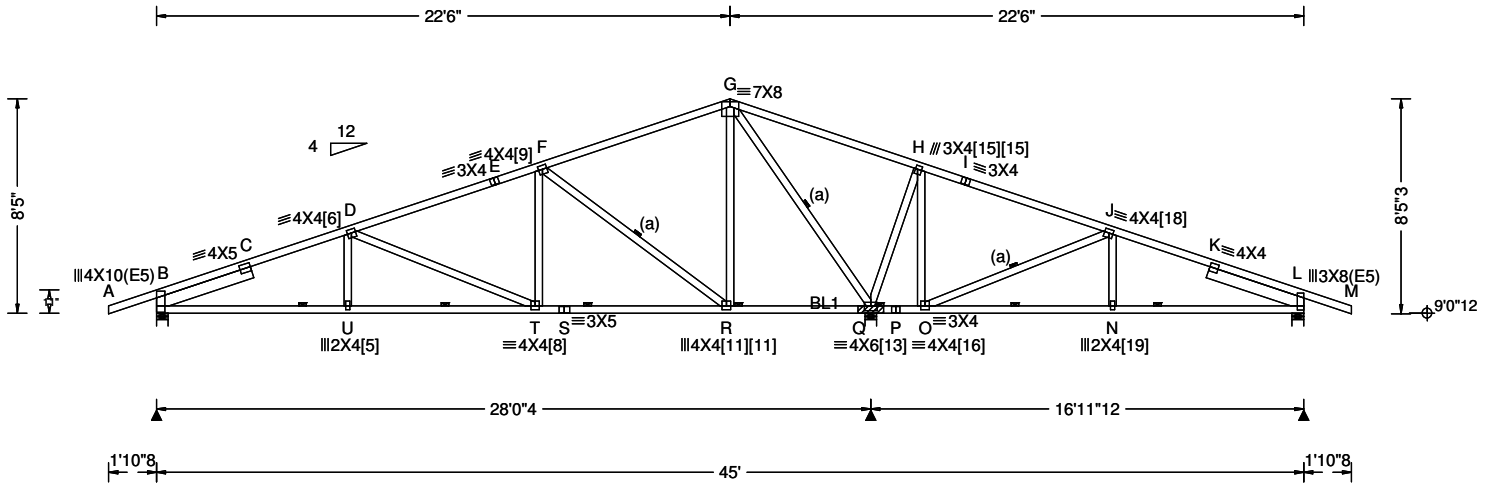
Wgt: 249.2 lbs

Wood Creek (Lot#15) Roof Trusses  
TR11

DRW:

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08/07/2020



**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: 3.00  
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): 0.205 E 999 360  
VERT(TL): 0.319 E 999 360  
HORZ(LL): 0.049 N - -  
HORZ(TL): 0.076 N - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.81  
Max BC CSI: 0.42  
Max Web CSI: 0.92

**▲ Bearing Locations**

Loc Ht / W

B 9'0"12 / 5'8  
Q 9'0"12 / 5'8  
L 9'0"12 / 5'8

**▲ Bearing Reactions (lbs)**

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

B / 1186 / 0 / 241 / 2081 / 0 /  
Q / 2319 / 0 / 583 / 4208 / 0 /  
L / 805 / 0 / 97 / 1330 / 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: 52.25  
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: 20.01.00C.0430.20

**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 = 3.976'  
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  
2 27.792' 1 12" 4  
Brg block to be same size and species as chord.  
Refer to drawing CNNALSP1014 for more information.

**Bracing**

(a) 1x4 SPF #3 or better continuous lateral bracing to be eq. spaced. Attach w/(2) 2.5" nails. Bracing material supplied & attached @ both ends to a suitable support by Erection Contractor.

**Additional Notes**

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

**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
[5]	2X4	S	1.75	[6]	4X4	S	1.75
[8]	4X4	S	1.75	[9]	4X4	S	1.75
[11]	4X4	S	1.75	[13]	4X6	S	2.25
[15]	3X4	2.00 R	1.75	[16]	4X4	S	1.75
[18]	4X4	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	75	0.00	45.00

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

**Maximum Top Chord Forces Per Ply (lbs)**

Chords Tens.Comp. Chords Tens. Comp.

A - B	80	0	G - H	1578	0
B - C	0	-3481	H - I	1020	0
C - D	0	-3300	I - J	1009	-100
D - E	0	-2218	J - K	638	-1447
E - F	0	-1977	K - L	639	-1601
F - G	0	-551	L - M	80	0

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords Tens.Comp. Chords Tens. Comp.

B - U	3054	0	Q - P	0	-966
U - T	3051	0	P - O	0	-966
T - S	1947	0	O - N	1333	-585
S - R	1947	0	N - L	1338	-579
R - Q	316	0			

**Maximum Web Forces Per Ply (lbs)**

Webs Tens.Comp. Webs Tens. Comp.

U - D	135	0	G - Q	0	-2997
D - T	0	-1176	Q - H	0	-1717
T - F	617	0	H - O	686	0
F - R	0	-2038	O - J	0	-1622
R - G	1361	0	J - N	180	0



FROM: AA

Qty: 1

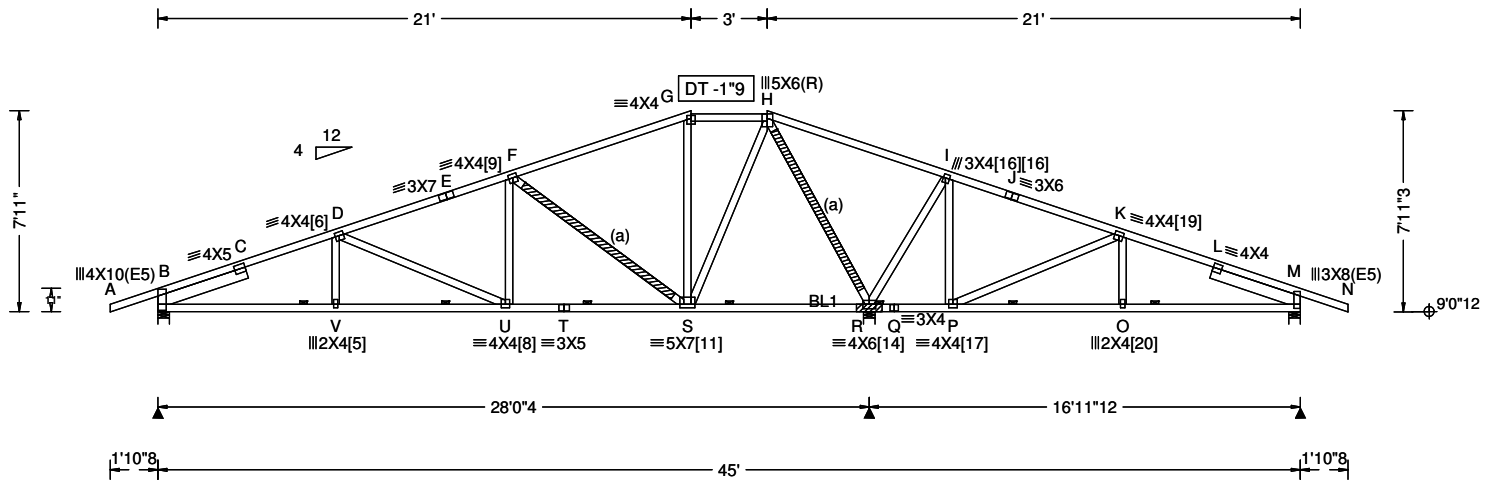
Wgt: 261.8 lbs

Wood Creek (Lot#15) Roof Trusses  
TR12

DRW:

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08/07/2020



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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): 0.221 E 999 360  
VERT(TL): 0.344 E 976 360  
HORZ(LL): 0.052 E - -  
HORZ(TL): 0.081 E - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.74  
Max BC CSI: 0.42  
Max Web CSI: 0.71

**▲ Bearing Locations**

Loc	Ht	/W
B	9'0"12	5'8
R	9'0"12	5'8
M	9'0"12	5'8

**▲ Bearing Reactions (lbs)**

Loc	/S	/L	/D	/F	/Hz	/U
B	/1164	/0	/236	/2042	/0	/
R	/2373	/0	/594	/4302	/0	/
M	/793	/0	/91	/1304	/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: 20.01.00C.0430.20

**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 = 3.713'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.713'

**Bearing Block(s)**

Brg blocks: 3.0" common nails  
brg x-loc #blocks length/blk #nails/blk  
2 27.792' 1 12" 5  
Brg block to be same size and species as chord.  
Refer to drawing CNNALSP1014 for more information.

**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.

**Additional Notes**

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

**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
[5]	2X4	S	1.75	[6]	4X4	S	1.75
[8]	4X4	S	1.75	[9]	4X4	S	1.75
[11]	5X7	S	1.75	[14]	4X6	S	2.25
[16]	3X4	2.00 R	1.75	[17]	4X4	S	1.75
[19]	4X4	S	1.75	[20]	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	75	0.00	45.00

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

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens. Comp.	Chords	Tens. Comp.
A - B	80 0	H - I	1792 0
B - C	0 -3394	I - J	1007 -68
C - D	0 -3217	J - K	1001 -249
D - E	0 -2309	K - L	653 -1425
E - F	0 -2128	L - M	656 -1572
F - G	70 -757	M - N	80 0
G - H	59 -557		

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens. Comp.	Chords	Tens. Comp.
B - V	2969 0	R - Q	83 -961
V - U	2967 0	Q - P	83 -961
U - T	2051 0	P - O	1307 -598
T - S	2051 0	O - M	1312 -593
S - R	49 -210		

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens. Comp.	Webs	Tens. Comp.
V - D	123 0	H - R	0 -3113
D - U	0 -984	R - I	0 -1662
U - F	541 0	I - P	650 0
F - S	0 -1887	P - K	0 -1453
S - G	0 -392	K - O	167 0
S - H	1792 0		



FROM: AA

Qty: 1

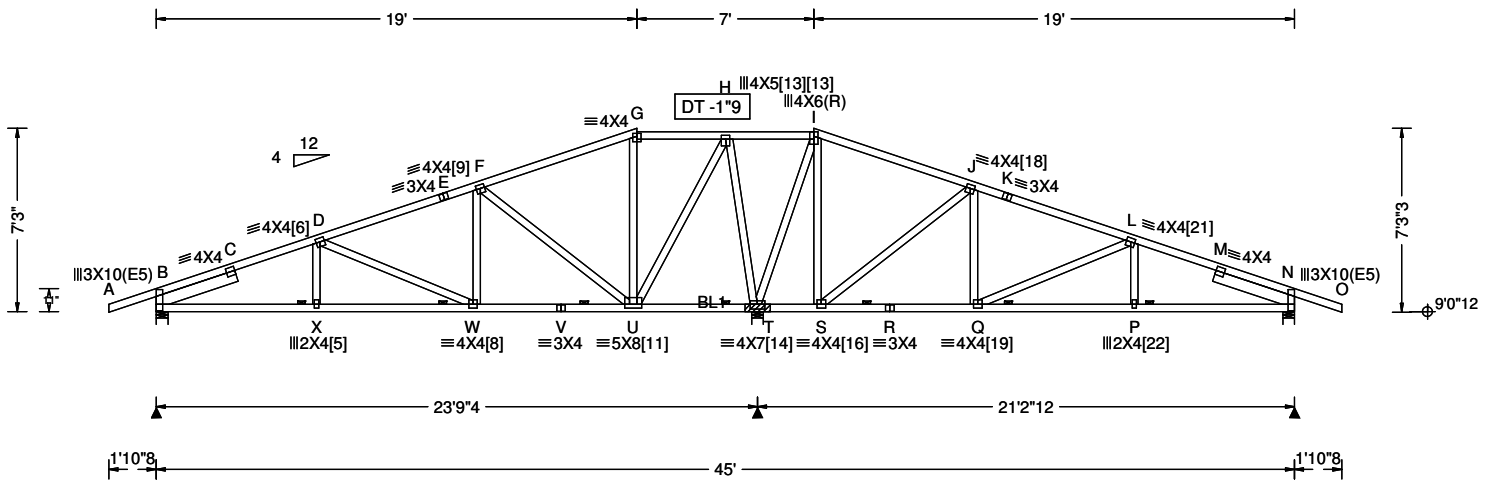
Wgt: 282.8 lbs

Wood Creek (Lot#15) Roof Trusses  
TR13

DRW:

... / ...

08/07/2020



**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: 3.00  
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): 0.094 E 999 360  
VERT(TL): 0.167 E 999 360  
HORZ(LL): 0.024 P - -  
HORZ(TL): 0.038 P - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.59  
Max BC CSI: 0.91  
Max Web CSI: 0.99

**▲ Bearing Locations**

Loc	Ht	W
B	9'0"12	5'8"
T	9'0"12	5'8"
N	9'0"12	5'8"

**▲ Bearing Reactions (lbs)**

Loc	/S	/L	/D	/F	/Hz	/U
B	/980	/0	/169	/1682	/0	/
T	/2520	/0	/619	/4553	/0	/
N	/901	/0	/134	/1520	/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: 52.25  
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: 20.01.00C.0430.20

**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 = 3.362'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.362'

**Additional Notes**

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

**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
[5]	2X4	S	1.75	[6]	4X4	S	1.75
[8]	4X4	S	1.75	[9]	4X4	S	1.75
[11]	5X8	S	1.75	[13]	4X5	S	1.75
[14]	4X7	S	2.25	[16]	4X4	S	1.75
[18]	4X4	S	1.75	[19]	4X4	S	1.75
[21]	4X4	S	1.75	[22]	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 75 0.00 45.00  
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

**Bearing Block(s)**

Brg blocks: 3.0" common nails  
brg x-loc #blocks length/blk #nails/blk  
2 23.542' 1 12" 3  
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	80 0	H - I	1899 0
B - C	192 -2539	I - J	1337 0
C - D	179 -2379	J - K	682 -853
D - E	432 -1509	K - L	679 -1062
E - F	436 -1300	L - M	392 -1993
F - G	698 -123	M - N	393 -2145
G - H	653 -10	N - O	80 0

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - X	2188 -156	T - S	0 -1225
X - W	2185 -160	S - R	868 -655
W - V	1296 -419	R - Q	868 -655
V - U	1296 -419	Q - P	1829 -356
U - T	0 -1452	P - N	1832 -352

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
X - D	120 0	T - I	0 -2178
D - W	0 -1025	I - S	1162 0
W - F	547 0	S - J	0 -1759
F - U	0 -1732	J - Q	593 0
U - G	0 -662	Q - L	0 -1148
U - H	2072 0	L - P	127 0
H - T	0 -2424		





FROM: AA

Qty: 1

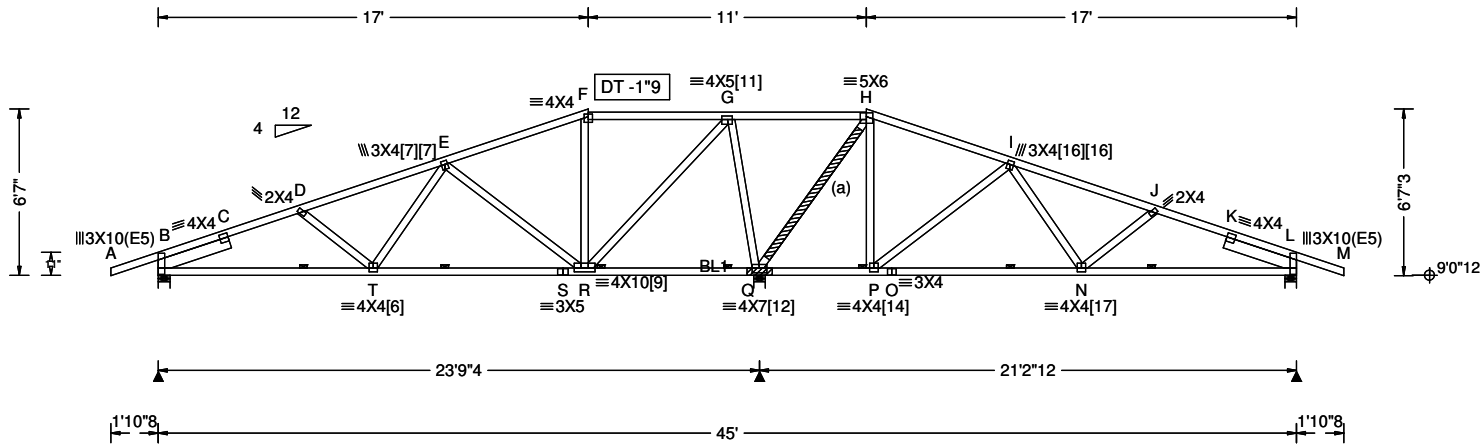
Wgt: 247.8 lbs

Wood Creek (Lot#15) Roof Trusses  
TR14

DRW:

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08/07/2020



**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: 3.00  
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): 0.071 T 999 360  
VERT(TL): 0.122 T 999 360  
HORZ(LL): 0.017 R - -  
HORZ(TL): 0.031 R - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.63  
Max BC CSI: 0.96  
Max Web CSI: 0.86

**▲ Bearing Locations**

Loc	Ht	/ W
B	9'0"12"	5'8"
Q	9'0"12"	5'8"
L	9'0"12"	5'8"

**▲ Bearing Reactions (lbs)**

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 946	/ 0	/ 178	/ 1642	/ 0	/
Q	/ 2551	/ 0	/ 599	/ 4577	/ 0	/
L	/ 876	/ 0	/ 144	/ 1494	/ 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: 52.25  
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: 20.01.00C.0430.20

**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 = 2.999'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 2.999'

**Additional Notes**

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

**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.

**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	Plate	Lateral	Chord	JT	Plate	Lateral	Chord
No	Size	Shift	Bite	No	Size	Shift	Bite
[6]	4X4	S	1.75	[7]	3X4	1.75	L 1.75
[9]	4X10	S	1.75	[11]	4X5	2.25	R 1.75
[12]	4X7	S	2.25	[14]	4X4	S	1.75
[16]	3X4	1.75	R 1.75	[17]	4X4	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	73	0.00	45.00

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

**Bearing Block(s)**

Brg blocks:3.0" common nails  
brg x-loc #blocks length/blk #nails/blk  
2 23.542' 1 12" 3  
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	80 0	G - H	2137 0
B - C	258 -2463	H - I	914 -31
C - D	166 -2303	I - J	422 -1539
D - E	228 -1911	J - K	347 -1957
E - F	578 -435	K - L	403 -2107
F - G	540 -282	L - M	80 0

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - T	2108 -140	Q - P	0 -832
T - S	1424 -351	P - O	1041 -551
S - R	1424 -351	O - N	1041 -551
R - Q	0 -1604	N - L	1792 -306

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
D - T	0 -561	Q - H	0 -2315
T - E	595 0	H - P	1065 0
E - R	0 -1487	P - I	0 -1526
R - F	0 -604	I - N	680 0
R - G	2253 0	N - J	0 -651
G - Q	0 -2617		



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

FROM: AA

Qty: 1

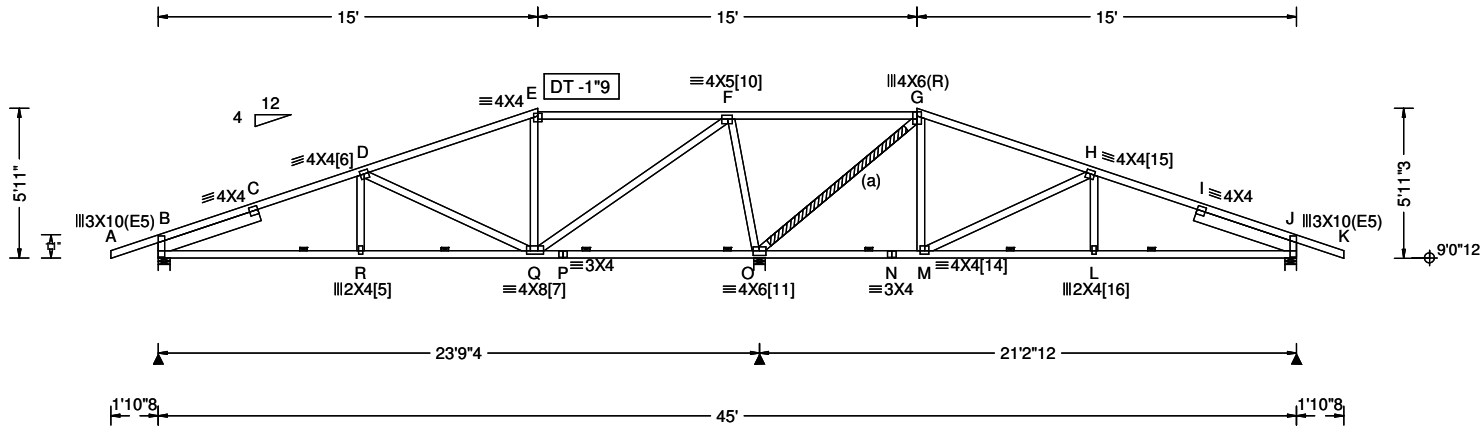
Wgt: 245.0 lbs

Wood Creek (Lot#15) Roof Trusses  
TR15

DRW:

... / ...

08/07/2020



**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: 3.00  
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): 0.108 I 999 360  
VERT(TL): 0.169 I 999 360  
HORZ(LL): 0.034 L - -  
HORZ(TL): 0.053 L - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.97  
Max BC CSI: 0.43  
Max Web CSI: 0.81

**▲ Bearing Locations**

Loc	Ht	/W
B	9'0"12'	5'8"
O	9'0"12'	5'8"
J	9'0"12'	5'8"

**▲ Bearing Reactions (lbs)**

Loc	/S	/L	/D	/F	/Hz	/U
B	/975	/0	/190	/1702	/0	/
O	/2297	/0	/572	/4162	/0	/
J	/919	/0	/158	/1577	/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: 52.25  
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: 20.01.00C.0430.20

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	80 0	F - G	1500 0
B - C	22 -2511	G - H	319 -710
C - D	0 -2339	H - I	42 -2029
D - E	129 -1049	I - J	139 -2197
E - F	115 -854	J - K	80 0

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - R	2174 0	O - N	471 -311
R - Q	2170 0	N - M	471 -311
Q - P	0 -913	M - L	1882 -30
P - O	0 -913	L - J	1886 -26

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
R - D	135 0	O - G	0 -2235
D - Q	0 -1490	G - M	802 0
Q - E	0 -474	M - H	0 -1580
Q - F	2170 0	H - L	149 0
F - O	0 -2588		

**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 = 4.240'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 4.240'

**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.

**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	Plate	Lateral	Chord	JT	Plate	Lateral	Chord
No	Size	Shift	Bite	No	Size	Shift	Bite
[5]	2X4	S	1.75	[6]	4X4	S	1.75
[7]	4X8	1.75 L	1.75	[10]	4X5	2.25 R	1.75
[11]	4X6	S	2.25	[14]	4X4	S	1.75
[15]	4X4	S	1.75	[16]	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	75	0.00	45.00

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

**Additional Notes**

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

Warning: Component is designed to bear at specific locations.



FROM: AA

Qty: 1

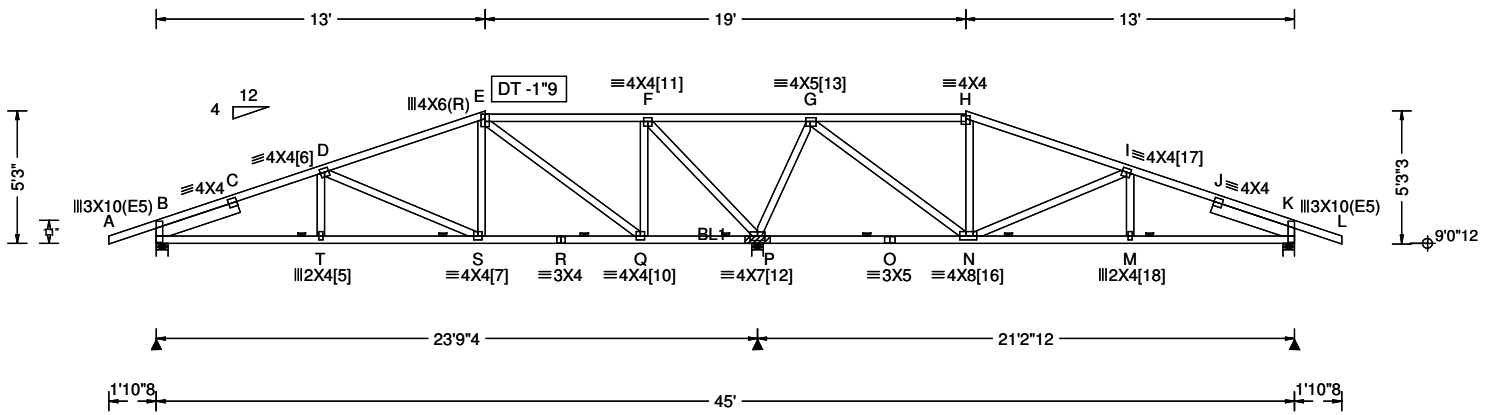
Wgt: 246.4 lbs

Wood Creek (Lot#15) Roof Trusses  
TR16

DRW:

... / ...

08/07/2020



**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: 3.00  
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): 0.085 D 999 360  
VERT(TL): 0.132 D 999 360  
HORZ(LL): 0.026 M - -  
HORZ(TL): 0.041 M - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.68  
Max BC CSI: 0.81  
Max Web CSI: 0.99

**▲ Bearing Locations**

Loc	Ht	/ W
B	9'0"	12' / 5'8"
P	9'0"	12' / 5'8"
K	9'0"	12' / 5'8"

**▲ Bearing Reactions (lbs)**

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 911	/ 0	/ 184	/ 1598	/ 0	/
P	/ 2433	/ 0	/ 586	/ 4383	/ 0	/
K	/ 842	/ 0	/ 151	/ 1453	/ 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: 52.25  
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: 20.01.00C.0430.20

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	80 0	G - H	302 -567
B - C	9 -2360	H - I	327 -744
C - D	0 -2204	I - J	79 -1857
D - E	152 -1159	J - K	126 -2006
E - F	530 -135	K - L	80 0
F - G	2292 0		

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - T	2037 0	P - O	0 -1342
T - S	2035 0	O - N	0 -1342
S - R	920 -152	N - M	1714 -66
R - Q	920 -152	M - K	1717 -62
Q - P	104 -553		

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
T - D	114 0	P - G	0 -2390
D - S	0 -1208	G - N	2075 0
S - E	637 0	H - N	0 -586
E - Q	0 -1658	N - I	0 -1317
Q - F	1106 0	I - M	113 0
F - P	0 -2765		

**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 = 3.449'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.449'

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

**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
[5]	2X4	S	1.75	[6]	4X4	S	1.75
[7]	4X4	S	1.75	[10]	4X4	S	1.75
[11]	4X4	S	1.75	[12]	4X7	S	2.00
[13]	4X5	2.75 R	1.75	[16]	4X8	1.75 R	1.75
[17]	4X4	S	1.75	[18]	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	75	0.00	45.00

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

**Bearing Block(s)**

Brg blocks:3.0" common nails  
brg x-loc #blocks length/blk #nails/blk  
2 23.542' 1 12" 5  
Brg block to be same size and species as chord.  
Refer to drawing CNNAILSP1014 for more information.



FROM: AA

Qty: 1

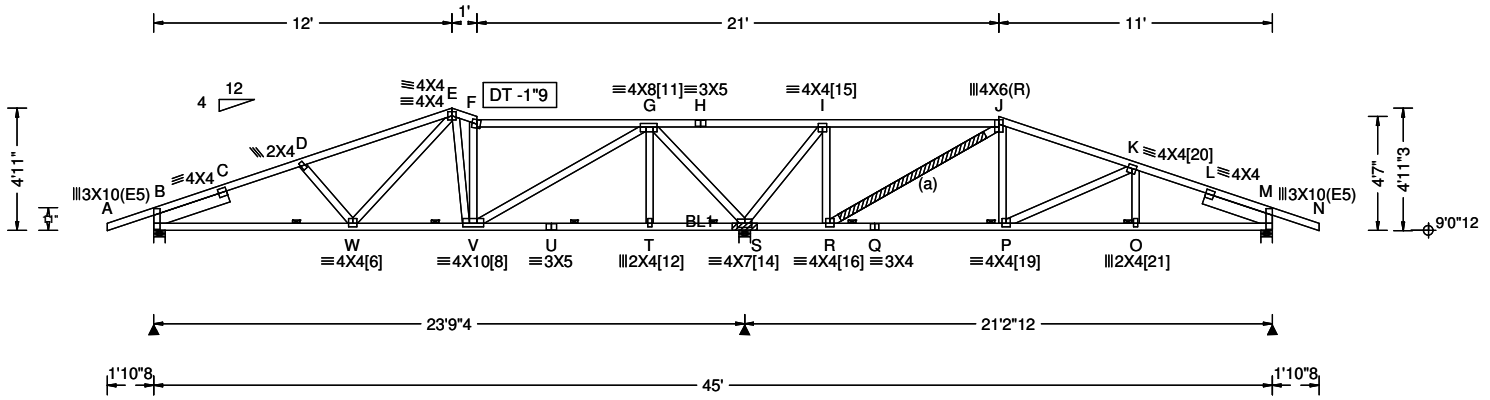
Wgt: 249.9 lbs

Wood Creek (Lot#15) Roof Trusses  
TR17

DRW:

... / ...

08/07/2020



**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: 3.00  
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): 0.091 W 999 360  
VERT(TL): 0.141 W 999 360  
HORZ(LL): 0.029 L - -  
HORZ(TL): 0.045 L - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.81  
Max BC CSI: 0.44  
Max Web CSI: 0.71

**▲ Bearing Locations**

Loc Ht / W

B 9'0"12 / 5'8  
S 9'0"12 / 5'8  
M 9'0"12 / 5'8

**▲ Bearing Reactions (lbs)**

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

B / 916 / 0 / 191 / 1613 / 0 /  
S / 2423 / 0 / 572 / 4350 / 0 /  
M / 860 / 0 / 158 / 1488 / 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: 52.25  
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: 20.01.00C.0430.20

**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 = 3.184'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 2.922'

**Bearing Block(s)**

Brg blocks: 3.0" common nails  
brg x-loc #blocks length/blk #nails/blk  
2 23.542' 1 12" 4  
Brg block to be same size and species as chord.  
Refer to drawing CNNALSP1014 for more information.

**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.

**Additional Notes**

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

**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
[6]	4X4	S	1.75	[8]	4X10	S	1.75
[11]	4X8	2.75 L	1.75	[12]	2X4	S	1.75
[14]	4X7	S	2.00	[15]	4X4	S	1.75
[16]	4X4	S	1.75	[19]	4X4	S	1.75
[20]	4X4	S	1.75	[21]	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	75	0.00	45.00

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

**Maximum Top Chord Forces Per Ply (lbs)**

Chords Tens.Comp. Chords Tens. Comp.

A - B	80	0	H - I	2601	0
B - C	0	-2421	I - J	928	0
C - D	0	-2265	J - K	185	-1217
D - E	0	-1894	K - L	0	-1975
E - F	0	-1226	L - M	43	-2125
F - G	0	-1152	M - N	80	0
G - H	2601	0			

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords Tens.Comp. Chords Tens. Comp.

B - W	2089	0	S - R	0	-1001
W - V	1126	0	R - Q	1005	-186
V - U	0	-616	Q - P	1005	-186
U - T	0	-616	P - O	1810	0
T - S	0	-616	O - M	1812	0

**Maximum Web Forces Per Ply (lbs)**

Webs Tens.Comp. Webs Tens. Comp.

D - W	0	-722	S - I	0	-2661
W - E	852	0	I - R	1094	0
E - V	180	-197	R - J	0	-1899
V - F	0	-871	J - P	534	0
V - G	2044	0	P - K	0	-922
G - T	124	0	K - O	90	0
G - S	0	-2935			



FROM: AA

Qty: 1

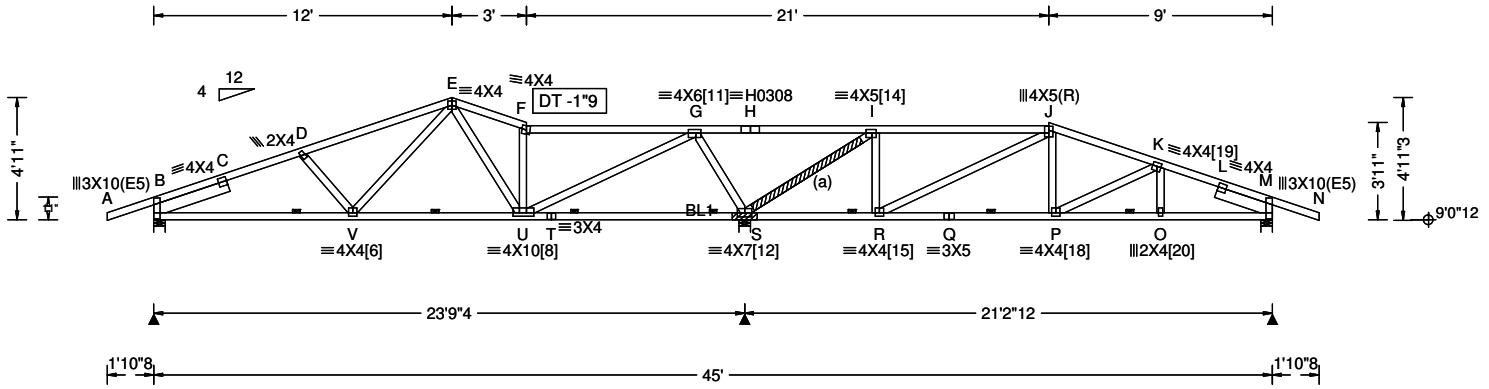
Wgt: 242.9 lbs

Wood Creek (Lot#15) Roof Trusses  
TR18

DRW:

... / ...

08/07/2020



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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): 0.100 V 999 360  
VERT(TL): 0.155 V 999 360  
HORZ(LL): 0.033 L - -  
HORZ(TL): 0.051 L - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.82  
Max BC CSI: 0.91  
Max Web CSI: 0.79

**▲ Bearing Locations**

Loc	Ht	W
B	9'0"	12' / 5'8"
S	9'0"	12' / 5'8"
M	9'0"	12' / 5'8"

**▲ Bearing Reactions (lbs)**

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 941	/ 0	/ 196	/ 1658	/ 0	/
S	/ 2370	/ 0	/ 560	/ 4256	/ 0	/
M	/ 877	/ 0	/ 164	/ 1522	/ 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: 20.01.00C.0430.20

**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 = 3.184'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 2.395'

**Bearing Block(s)**

Brg blocks: 3.0" common nails  
brg x-loc #blocks length/blk #nails/blk  
2 23.542' 1 12" 2  
Brg block to be same size and species as chord.  
Refer to drawing CNNALSP1014 for more information.

**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.

**Additional Notes**

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

**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	Plate	Lateral	Chord	JT	Plate	Lateral	Chord
No	Size	Shift	Bite	No	Size	Shift	Bite
[6]	4X4	S	1.75	[8]	4X10	3.00	L 1.75
[11]	4X6	3.50	L 1.75	[12]	4X7	S	2.00
[14]	4X5	2.00	R 1.75	[15]	4X4	S	1.75
[18]	4X4	S	1.75	[19]	4X4	S	1.75
[20]	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 75 0.00 45.00  
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	80 0	H - I	2734 0
B - C	0 -2536	I - J	476 -417
C - D	0 -2377	J - K	46 -1631
D - E	0 -2011	K - L	0 -2031
E - F	0 -1237	L - M	0 -2197
F - G	0 -1146	M - N	80 0
G - H	2734 0		

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - V	2191 0	R - Q	1436 -54
V - U	1229 0	Q - P	1436 -54
U - T	0 -1425	P - O	1847 0
T - S	0 -1425	O - M	1845 0
S - R	360 -503		

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
D - V	6 -714	S - I	0 -3163
V - E	869 0	I - R	733 0
E - U	75 -303	R - J	0 -1388
U - F	0 -941	J - P	370 0
U - G	2872 0	P - K	0 -496
G - S	0 -2672	K - O	61 -40



FROM: AA

Qty: 1

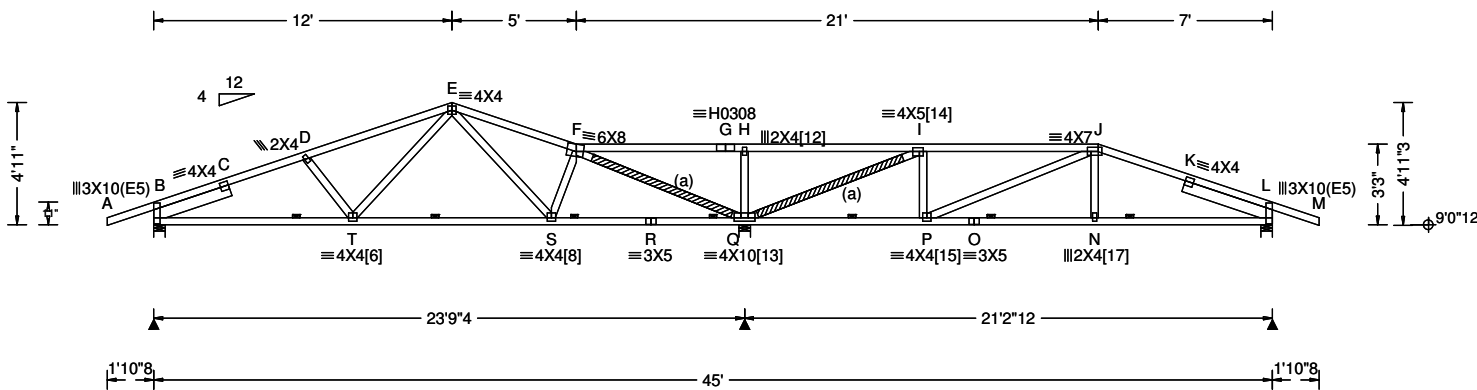
Wgt: 229.6 lbs

Wood Creek (Lot#15) Roof Trusses  
TR19

DRW:

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08/07/2020



**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: 3.00  
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): 0.122 K 999 360  
VERT(TL): 0.190 K 999 360  
HORZ(LL): 0.052 N - -  
HORZ(TL): 0.081 N - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.76  
Max BC CSI: 0.35  
Max Web CSI: 0.47

**▲ Bearing Locations**  
Loc Ht / W  
B 9'0"12 / 5"8  
Q 9'0"12 / 5"8  
L 9'0"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: 52.25  
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: 20.01.00C.0430.20

**▲ Bearing Reactions (lbs)**  
Loc / S / L / D / F / Hz / U  
B / 1008 / 0 / 205 / 1769 / 0 /  
Q / 2228 / 0 / 541 / 4019 / 0 /  
L / 934 / 0 / 175 / 1620 / 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 = 3.263'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.790'

**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.

**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	Plate	Lateral	Chord	JT	Plate	Lateral	Chord
No	Size	Shift	Bite	No	Size	Shift	Bite
[6]	4X4	S	1.75	[8]	4X4	S	1.75
[12]	2X4	S	2.00	[13]	4X10	S	1.75
[14]	4X5	1.75 R	1.75	[15]	4X4	S	1.75
[17]	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	75	0.00	45.00

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

**Additional Notes**

Interaction equation as per Clause 6.5.13 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 80 0 G - H 2099 0  
B - C 0 -2800 H - I 2098 0  
C - D 0 -2634 I - J 194 -1575  
D - E 0 -2306 J - K 0 -2113  
E - F 0 -1529 K - L 0 -2274  
F - G 2099 0 L - M 80 0

**Maximum Bot Chord Forces Per Ply (lbs)**  
Chords Tens.Comp. Chords Tens. Comp.  
B - T 2427 0 Q - P 1549 -218  
T - S 1510 0 P - O 1941 0  
S - R 1242 0 O - N 1941 0  
R - Q 1242 0 N - L 1934 0

**Maximum Web Forces Per Ply (lbs)**  
Webs Tens.Comp. Webs Tens. Comp.  
D - T 33 -693 H - Q 0 -1029  
T - E 901 0 Q - I 0 -3553  
E - S 95 -339 I - P 334 0  
S - F 420 0 P - J 0 -600  
F - Q 0 -3645 N - J 157 0



FROM: AA

Qty: 4

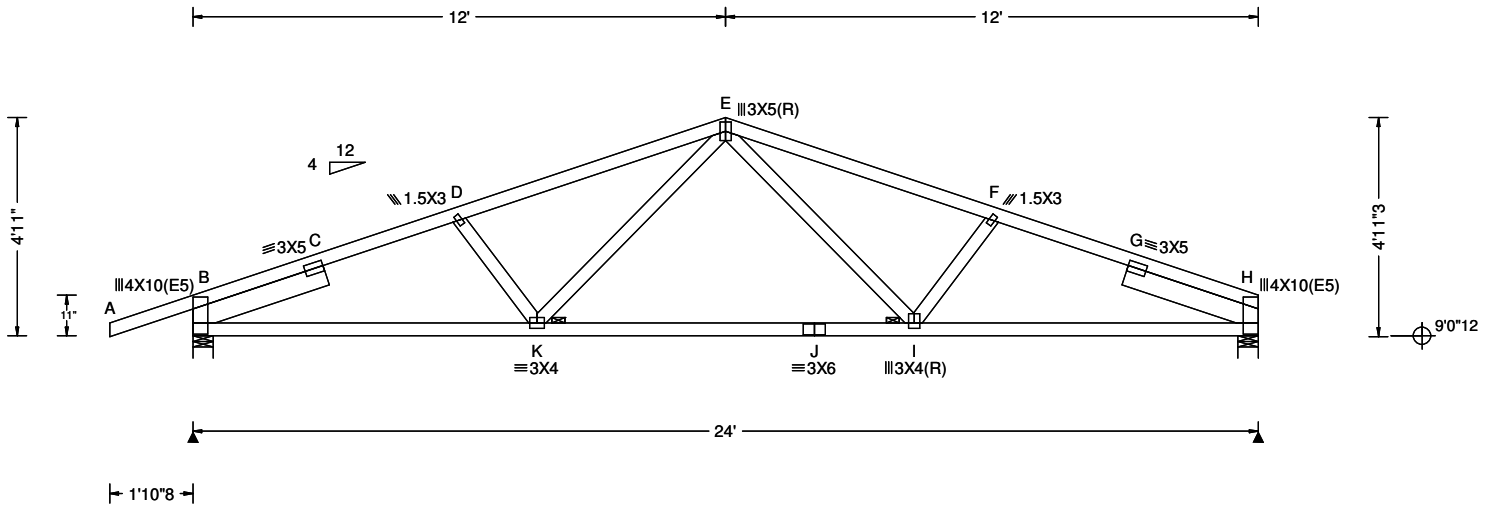
Wgt: 123.2 lbs

Wood Creek (Lot#15) Roof Trusses  
TR20

DRW:

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08/07/2020



**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: 3.00  
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): 0.248 J 999 360  
VERT(TL): 0.386 J 745 360  
HORZ(LL): 0.070 G - -  
HORZ(TL): 0.108 G - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.54  
Max BC CSI: 0.46  
Max Web CSI: 0.15  
VIEW Ver: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W  
B 9'0"12 / 5'8  
H 9'0"12 / 5'8

**▲ Bearing Reactions (lbs)**

Loc	/S	/L	/D	/F	/Hz	/U
B	/1178	/0	/251	/2082	/0	/
H	/1007	/0	/239	/1811	/0	/

**Ground Snow Load: 73.00**

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

Des Ld: 52.25  
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;  
Lt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.186'  
Rt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.186'

**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	24.00

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

**Additional Notes**

Interaction equation as per Clause 6.5.13 of CSA-086-14.

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	E - F	0	-3154
B - C	0	-3585	F - G	0	-3451
C - D	0	-3399	G - H	0	-3630
D - E	0	-3112			

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - K	3129	0	J - I	2314	0
K - J	2314	0	I - H	3187	0

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - K	0	-541	E - I	807	0
K - E	750	0	I - F	0	-576



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

FROM: AA

Qty: 1

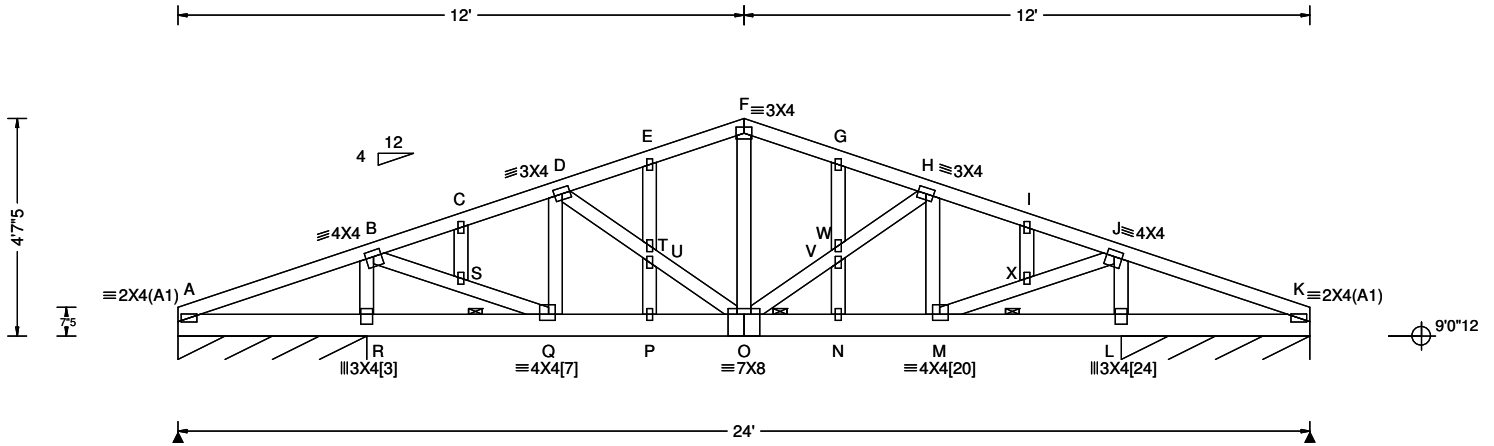
Wgt: 151.2 lbs

Wood Creek (Lot#15) Roof Trusses  
TR21

DRW:

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08/07/2020



**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: 3.00  
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 G 999 360  
VERT(TL): 0.067 E 999 360  
HORZ(LL): 0.011 C - -  
HORZ(TL): 0.017 C - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.33  
Max BC CSI: 0.18  
Max Web CSI: 0.27

**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: 52.25**

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: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W  
A 9'0"12' / 4'  
L 9'0"12' / 4'

**▲ Bearing Reactions (lbs)**

Loc	/S	/L	/D	/F	/Hz	/U
A	/1520	/0	/275	/656	/0	/
L	/1520	/0	/275	/656	/0	/

**Lumber**

Top Chord: 2x4 SPF 2100Fb-1.8E;  
Bot Chord: 2x6 SPF 2100Fb-1.8E;  
Webs: 2x4 SPF 2100Fb-1.8E;

**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: 0.00 127/ 0/ 0/ 9 24.00 127/ 0/ 0/ 9  
BC: 0.00 0/ 0/ 0/ 14 24.00 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.

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	S	2.50	[7]	4X4	1.75 R	1.50
[20]	4X4	2.25 R	1.50	[24]	3X4	S	2.50

**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	24.00

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.

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	271 0	F - G	0 -1644
B - C	0 -1820	G - H	0 -1673
C - D	0 -1716	H - I	0 -1716
D - E	0 -1673	I - J	0 -1820
E - F	0 -1644	J - K	271 0

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - R	0 -128	O - N	1660 0
R - Q	4 -12	N - M	1649 0
Q - P	1649 0	M - L	4 -12
P - O	1660 0	L - K	0 -128

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
R - B	0 -2124	O - V	0 -212
B - S	1745 0	V - W	0 -312
S - Q	1728 0	W - H	0 -163
Q - D	0 -547	H - M	0 -547
D - T	0 -163	M - X	1728 0
T - U	0 -312	X - J	1745 0
U - O	0 -212	J - L	0 -2124
F - O	561 0		

**Maximum Gable Forces Per Ply (lbs)**

Gables	Tens.Comp.	Gables	Tens. Comp.
C - S	4 -45	V - N	3 -195
T - E	0 -268	G - W	0 -268
P - U	3 -195	X - I	4 -45





FROM: AA

Qty: 1

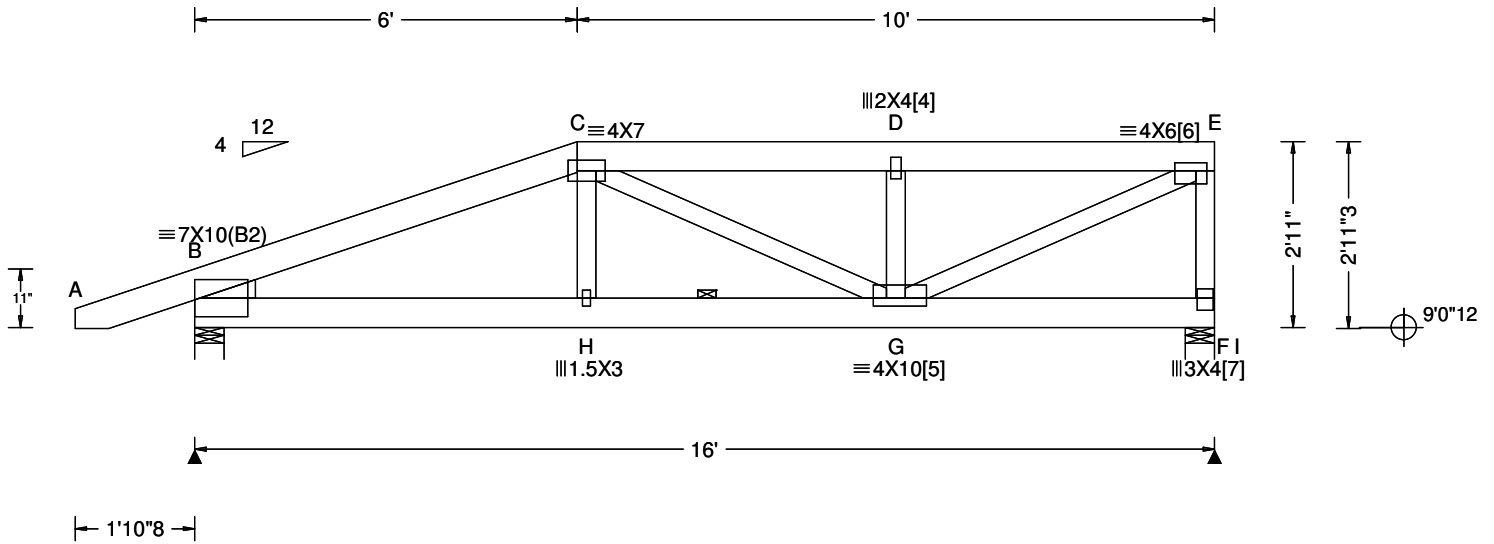
Wgt: 99.4 lbs

Wood Creek (Lot#15) Roof Trusses  
TR22

DRW:

... / ...

08/07/2020



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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  
TCDL: NA  
BCDL: NA  
Duration of Load: NA

**Defl/CSI Criteria**

PP Deflection in loc L/def L/D  
VERT(LL): 0.074 H 999 360  
VERT(TL): 0.116 H 999 360  
HORZ(LL): 0.018 G - -  
HORZ(TL): 0.028 G - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.25  
Max BC CSI: 0.25  
Max Web CSI: 0.31  
VIEW Ver: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W  
B 9'0"12 / 5'8  
I 9'0"12 / 5'8

**▲ Bearing Reactions (lbs)**

Loc	/S	/L	/D	/F	/Hz	/U
B	/1255	/0	/284	/2239	/0	/
I	/1162	/0	/289	/2105	/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

**Lumber**

Top Chord: 2x6 SPF 2100Fb-1.8E;  
Bot Chord: 2x6 SPF 2100Fb-1.8E;  
Webs: 2x4 SPF 2100Fb-1.8E;  
Lt Wedge: 2x4 SPF 2100Fb-1.8E;

**Additional Notes**

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

**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: -1.88 85/ 0/ 0/ 6 6.06 85/ 0/ 0/ 6  
TC: 6.06 42/ 0/ 0/ 3 16.00 42/ 0/ 0/ 3  
BC: 0.00 0/ 0/ 0/ 7 16.00 0/ 0/ 0/ 7  
TC: 379/0/0/46 lb Conc. Load at 6.03  
TC: 208/0/0/19 lb Conc. Load at 8.06,10.06,12.06,14.06  
BC: 10/0/0/29 lb Conc. Load at 2.06  
BC: 4/0/0/37 lb Conc. Load at 4.06  
BC: 21/0/0/39 lb Conc. Load at 6.06, 8.06,10.06,12.06  
14.06

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	80 0	C - D	0 -3422
B - C	0 -4047	D - E	0 -3421

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - H	3592 0	G - F	0 0
H - G	3607 0		

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
C - H	249 0	G - E	3812 0
C - G	0 -207	E - F	0 -2016
D - G	0 -1366		

**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
[4]	2X4	S	2.50	[5]	4X10	4.00	R 1.50
[6]	4X6	2.00	R 1.50	[7]	3X4	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.



FROM: AA

Qty: 5

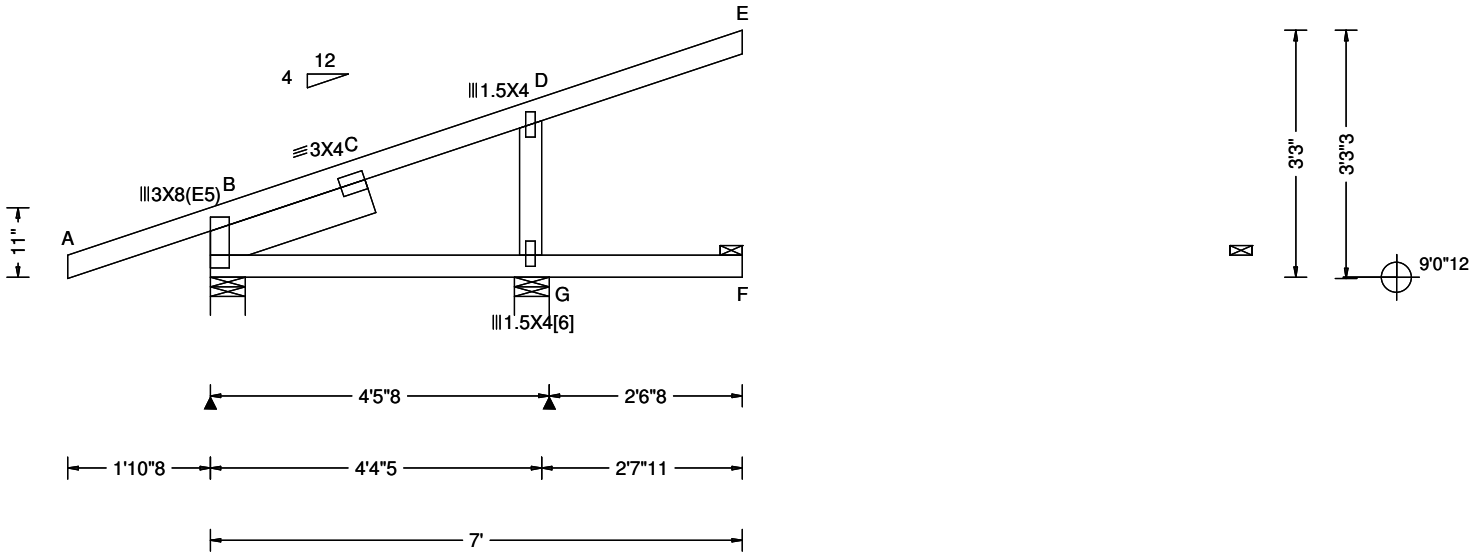
Wgt: 34.3 lbs

Wood Creek (Lot#15) Roof Trusses  
TR23

DRW:

... / ...

08/07/2020



**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: 3.00  
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): -0.003 C 999 360  
VERT(TL): -0.005 C 999 360  
HORZ(LL): -0.002 C - -  
HORZ(TL): -0.003 C - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.43  
Max BC CSI: 0.05  
Max Web CSI: 0.05  
VIEW Ver: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W  
B 9'0"12 / 5"8  
G 9'0"12 / 5"8

**▲ Bearing Reactions (lbs)**

Loc	/S	/L	/D	/F	/Hz	/U
B	/309	/0	/52	/529	/0	/
G	/440	/0	/63	/740	/0	/

**Ground Snow Load: 73.00**

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

Des Ld: 52.25  
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;  
Lt Slider: 2x6 SPF 2100Fb-1.8E; block length = 2.244'

**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
[6]	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	84	0.00	7.00

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

**Additional Notes**

Interaction equation as per Clause 6.5.13 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	80	0	C - D	115	0
B - C	148	-144	D - E	0	-112

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	0	0	G - F	0	0

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.	Comp.
D - G	0	-719



FROM: AA

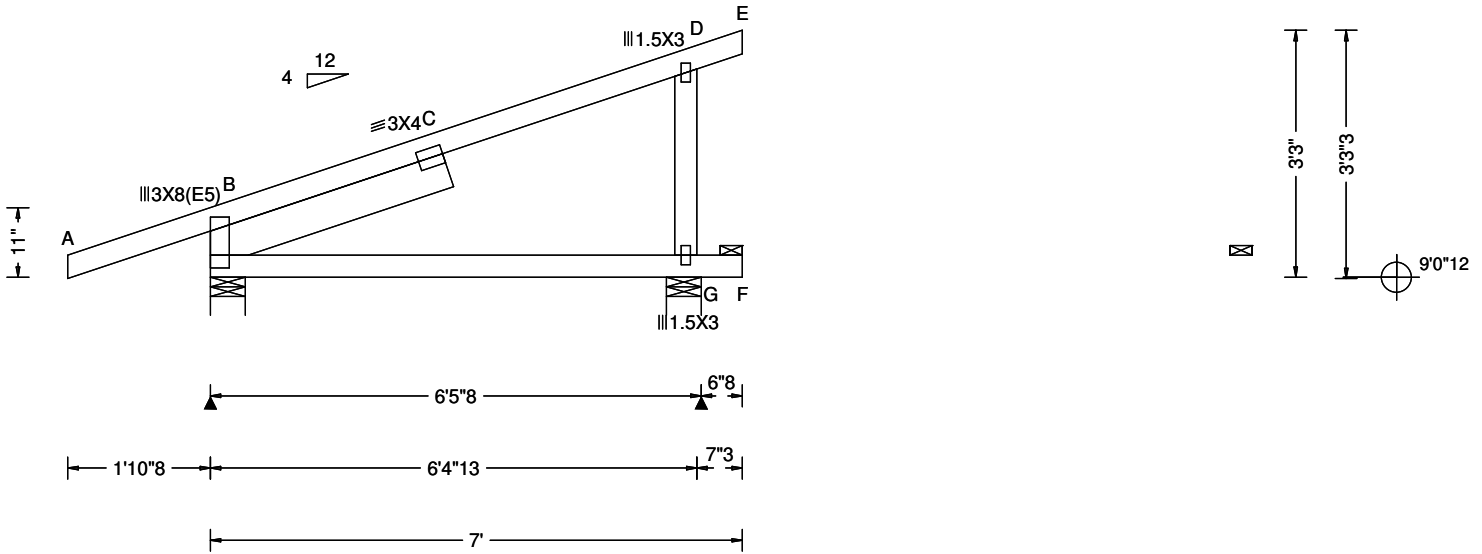
Qty: 2  
Wgt: 36.4 lbs

Wood Creek (Lot#15) Roof Trusses  
TR24

DRW:

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08/07/2020



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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): 0.222 C 346 360  
VERT(TL): 0.338 C 227 360  
HORZ(LL): 0.122 C - -  
HORZ(TL): 0.186 C - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.52  
Max BC CSI: 0.23  
Max Web CSI: 0.03

**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: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W  
B 9'0"12 / 5"8  
G 9'0"12 / 5"8

**▲ Bearing Reactions (lbs)**

Loc	/S	/L	/D	/F	/Hz	/U
B	/449	/0	/76	/770	/0	/
G	/300	/0	/66	/533	/0	/

**Lumber**

Top Chord: 2x4 HF 1800Fb-1.6E;  
Bot Chord: 2x4 HF 1800Fb-1.6E;  
Webs: 2x4 SPF 2100Fb-1.8E;  
Lt Slider: 2x6 SPF 2100Fb-1.8E; block length = 3.321'

**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	84	0.00	7.00

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

**Additional Notes**

Interaction equation as per Clause 6.5.13 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	80	0	C - D	115	-34
B - C	183	-223	D - E	0	-25

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - G	0	0	G - F	0	0

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.	Comp.
D - G	0	-445



FROM: AA

Qty: 1

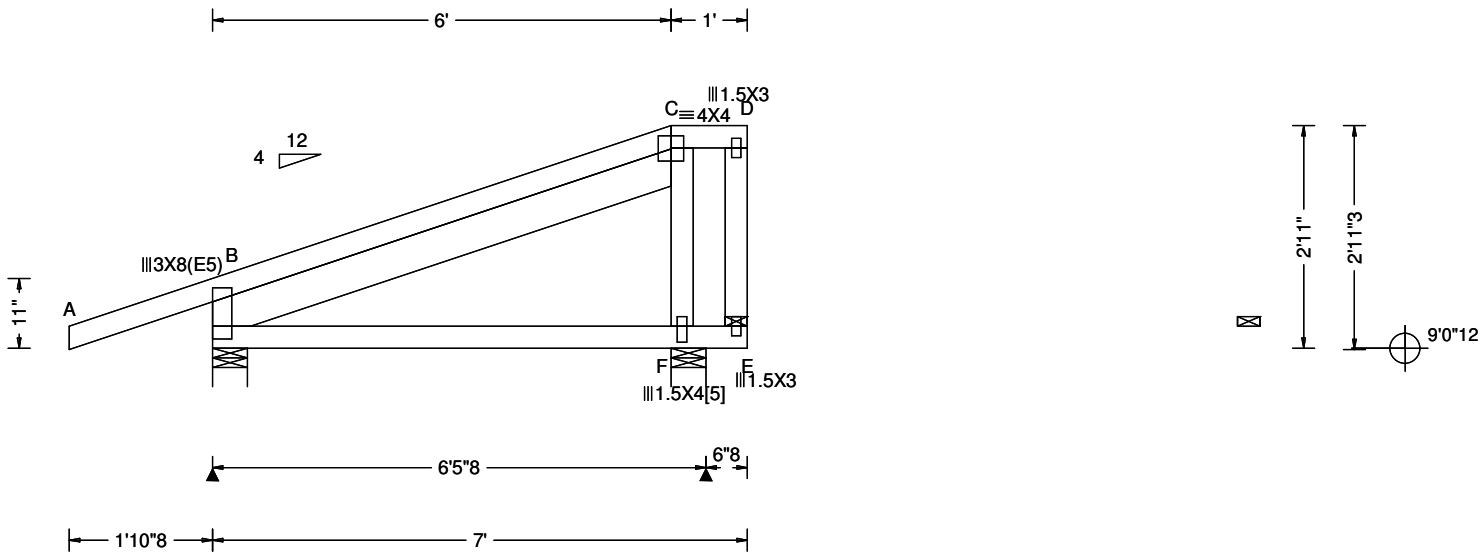
Wgt: 51.8 lbs

Wood Creek (Lot#15) Roof Trusses  
TR25

DRW:

... / ...

08/07/2020



**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: 3.00  
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): -0.007 E 999 360  
VERT(TL): -0.016 E 629 360  
HORZ(LL): 0.005 F - -  
HORZ(TL): 0.007 F - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.41  
Max BC CSI: 0.14  
Max Web CSI: 0.08

**▲ Bearing Locations**

Loc Ht / W  
B 9'0"12 / 5'8  
F 9'0"12 / 5'8

**▲ Bearing Reactions (lbs)**

Loc	/S	/L	/D	/F	/Hz	/U
B	/452	/0	/85	/785	/0	/
F	/710	/0	/167	/1275	/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: 52.25  
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: 20.01.00C.0430.20

**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 = 6.425'

**Additional Notes**

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

**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: -1.88 85/ 0/ 0/ 6 7.00 85/ 0/ 0/ 6  
BC: 0.00 0/ 0/ 0/ 7 7.00 0/ 0/ 0/ 7  
TC: 379/0/0/46 lb Conc. Load at 6.03  
BC: 10/0/0/29 lb Conc. Load at 2.06  
BC: 4/0/0/37 lb Conc. Load at 4.06  
BC: 21/0/0/39 lb Conc. Load at 6.06

**Maximum Top Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
A - B	80	C - D	0 -3
B - C	567		-744

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords	Tens.Comp.	Chords	Tens. Comp.
B - F	57	F - E	0 0

**Maximum Web Forces Per Ply (lbs)**

Webs	Tens.Comp.	Webs	Tens. Comp.
C - F	0 -1029	D - E	0 -87

**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	2.50				

**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	84	0.00	7.00

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



FROM: AA

Qty: 6

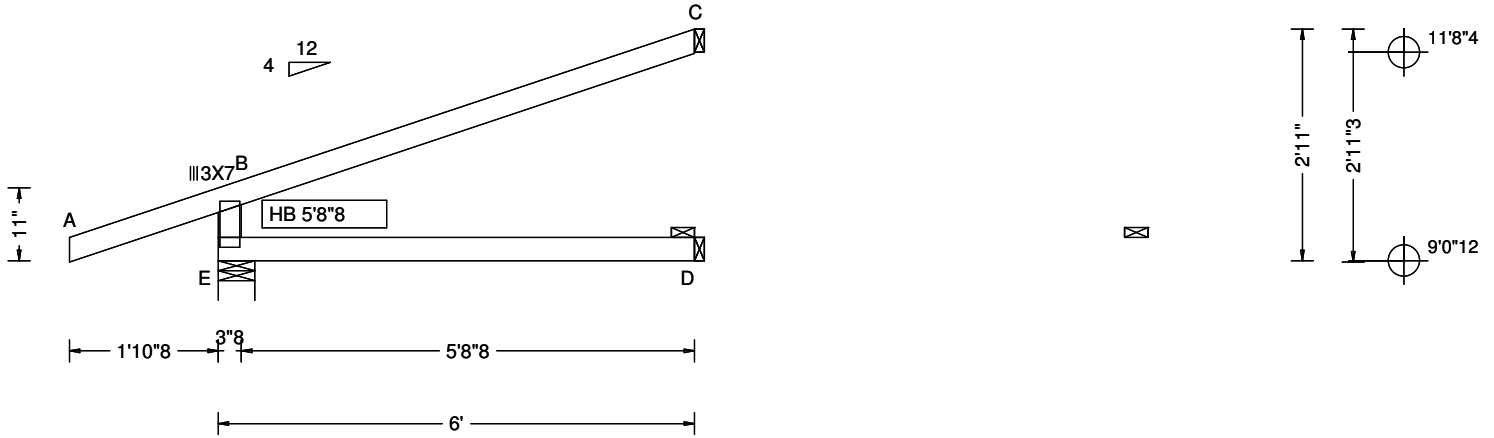
Wgt: 23.8 lbs

Wood Creek (Lot#15) Roof Trusses  
TR26

DRW:

... / ...

08/07/2020



**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: 3.00  
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 B 999 360  
VERT(TL): 0.026 B 999 360  
HORZ(LL): 0.041 B - -  
HORZ(TL): 0.063 B - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.38  
Max BC CSI: 0.16  
Max Web CSI: 0.11

**▲ Bearing Locations**

Loc Ht / W

E 9'0"12 / 5'8  
D 9'0"12 / 1'8  
C 11'8"4 / 1'8

**▲ Bearing Reactions (lbs)**

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

E / 436 / 0 / 73 / 746 / 0 /  
D / 20 / 0 / 38 / 79 / 0 /  
C / 208 / 0 / 19 / 336 / 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: 52.25

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: 20.01.00C.0430.20

**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 unplated joint(s)\*\*

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.

**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 92 0 B - C 106 - 136

**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 - 667



FROM: AA

Qty: 2

Wgt: 21.0 lbs

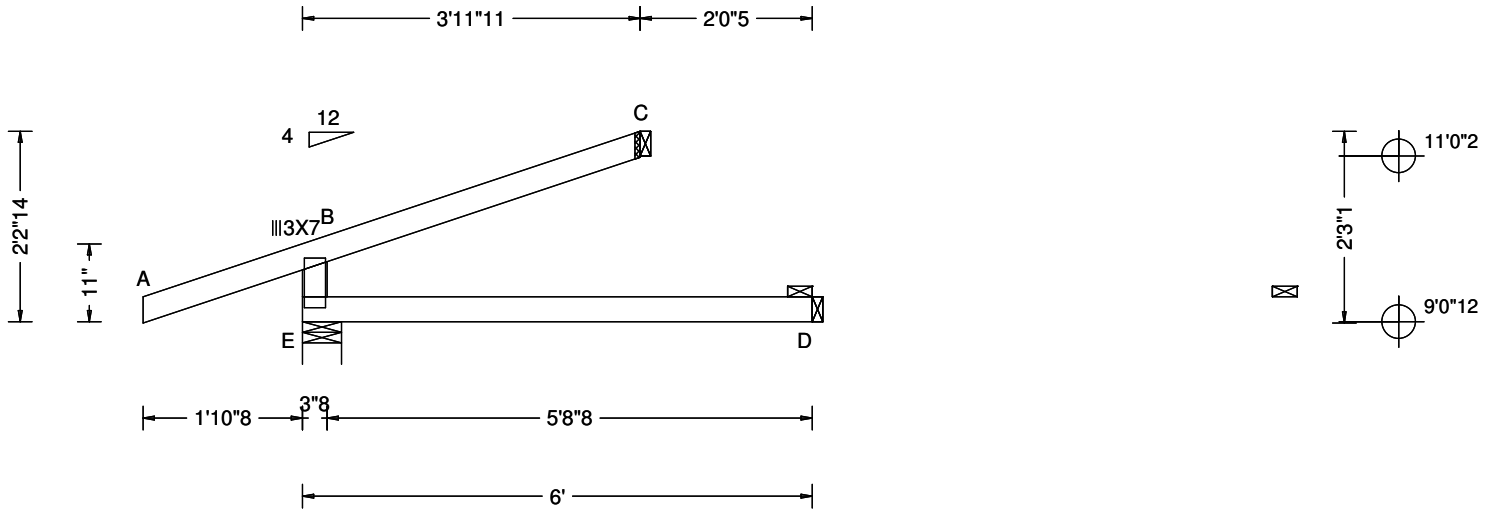
Wood Creek (Lot#15) Roof Trusses

C1

DRW:

... / ...

08/07/2020



**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: 3.00  
 BCLL: 0.00  
 BCDL: 7.00  
 Des Ld: 52.25  
 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): 0.005 B 999 360  
 VERT(TL): 0.008 B 999 360  
 HORZ(LL): 0.012 B - -  
 HORZ(TL): 0.019 B - 1.00  
 Creep Factor: 1.0  
 Overhang: Non-removable  
 Max TC CSI: 0.29  
 Max BC CSI: 0.09  
 Max Web CSI: 0.13

**▲ Bearing Locations**

Loc Ht / W

E 9'0"12 / 5"8  
 C 11'0"2 / 1"8  
 D 9'0"12 / 1"8

**▲ Bearing Reactions (lbs)**

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

E / 365 / 0 / 65 / 630 / 0 /  
 C / 124 / 0 / 16 / 207 / 0 /  
 D / 4 / 0 / 36 / 52 / 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: 20.01.00C.0430.20

**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 unplated joint(s)\*\*

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.

**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 92 0 B - C 66 -91

**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 -535



FROM: AA

Qty: 2

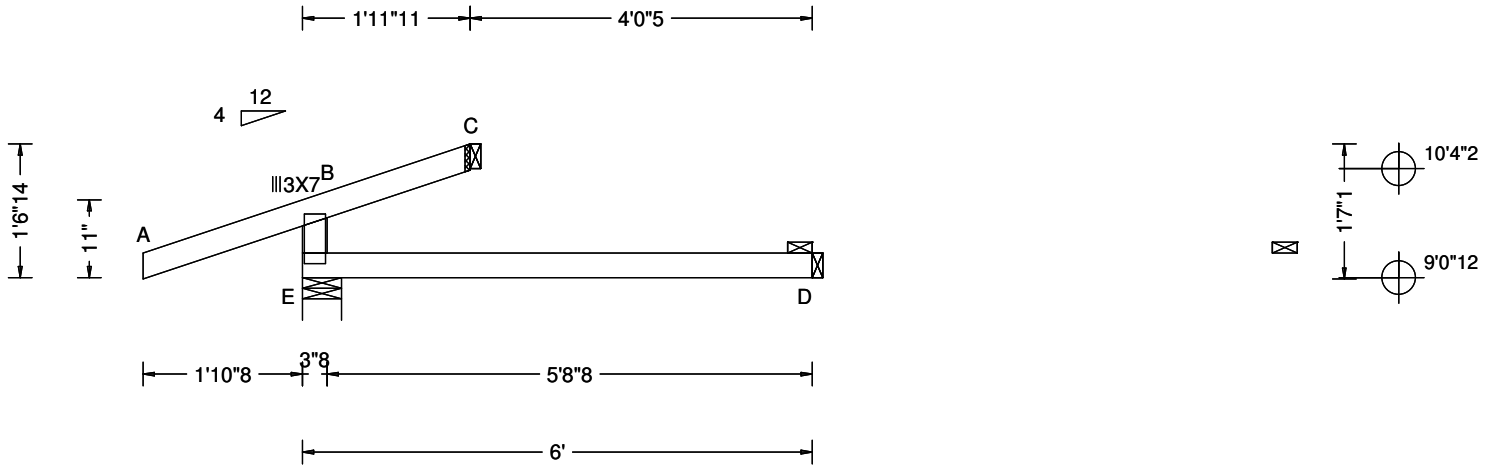
Wgt: 16.8 lbs

Wood Creek (Lot#15) Roof Trusses  
C2

DRW:

... / ...

08/07/2020



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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  
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): 0.002 B 999 360  
HORZ(LL): 0.003 B - -  
HORZ(TL): 0.004 B - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.32  
Max BC CSI: 0.09  
Max Web CSI: 0.20

**▲ Bearing Locations**

Loc Ht / W

E 9'0"12 / 5"8  
C 10'4"2 / 1"8  
D 9'0"12 / 1"8

**▲ Bearing Reactions (lbs)**

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

E / 317 / 0 / 43 / 531 / 0 /  
C / 15 / 0 / 19 / 47 / 0 /  
D / 9 / 0 / 28 / 50 / 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: 20.01.00C.0430.20

**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: -1.88 85/ 0/ 0/ 6 1.97 85/ 0/ 0/ 6

BC: 0.00 0/ 0/ 0/ 7 6.00 0/ 0/ 0/ 7

BC: 0/0/0/12 lb Conc. Load at 2.06

BC: 18/0/0/14 lb Conc. Load at 4.06

**Plating Notes**

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

Plates designed for fabrication using seasoned lumber.

\*\*Warning! 1 unplated joint(s)\*\*

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.

**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 92 0 B - C 15 -56

**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 -434



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

FROM: AA

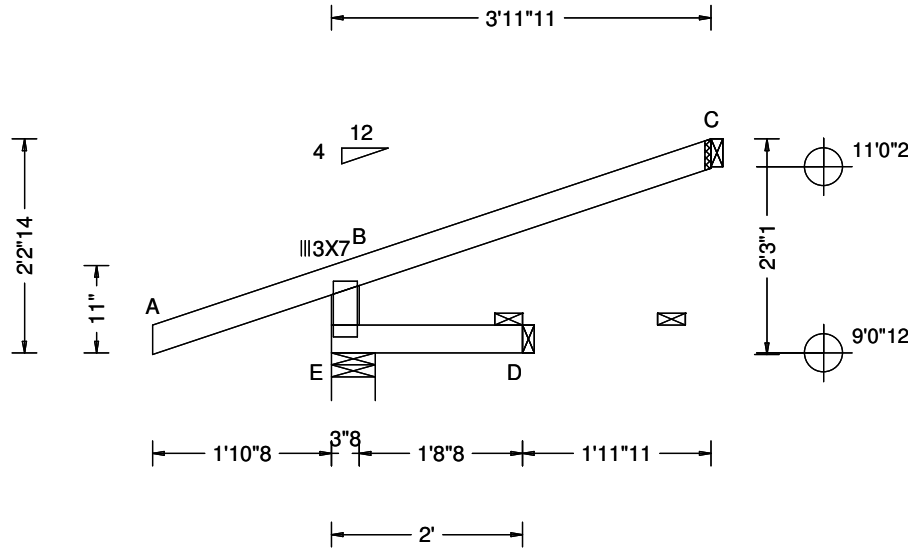
Qty: 2  
Wgt: 15.4 lbs

Wood Creek (Lot#15) Roof Trusses  
C3

DRW:

... / ...

08/07/2020



**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: 3.00  
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): 0.006 B - -  
HORZ(TL): 0.008 B - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.29  
Max BC CSI: 0.05  
Max Web CSI: 0.09

**▲ Bearing Locations**

Loc Ht / W

E 9'0"12 / 5"8  
D 9'0"12 / 1"8  
C 11'0"2 / 1"8

**▲ Bearing Reactions (lbs)**

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

E / 354 / 0 / 39 / 581 / 0 /  
D / 18 / 0 / 14 / 45 / 0 /  
C / 121 / 0 / 9 / 193 / 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: 52.25**

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: 20.01.00C.0430.20

**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 unplated joint(s)\*\***

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.

**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 92 0 B - C 61 -95

**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 -548





FROM: AA

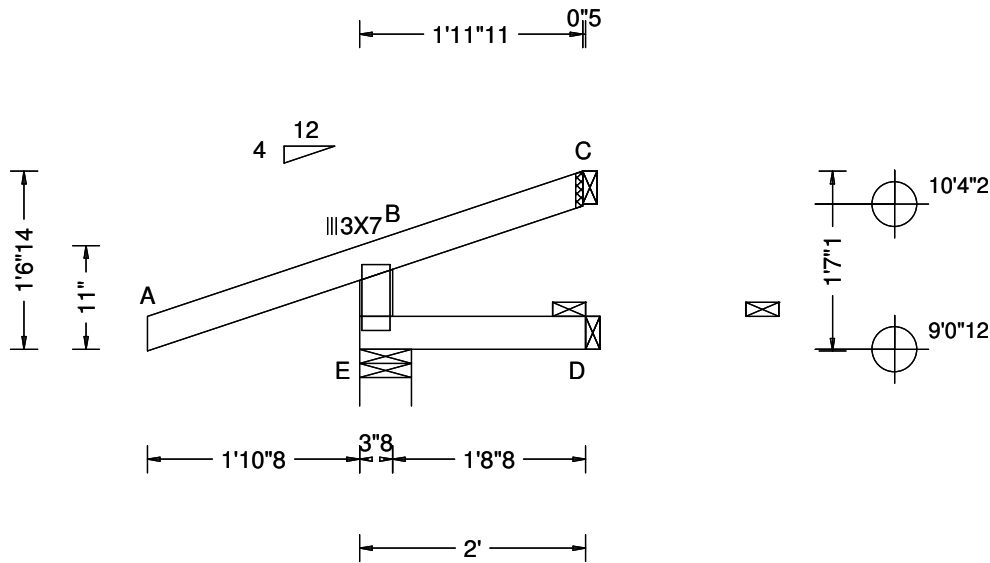
Qty: 2  
Wgt: 11.2 lbs

Wood Creek (Lot#15) Roof Trusses  
C4

DRW:

... / ...

08/07/2020



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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): 0.000 B 999 360  
VERT(TL): 0.000 B 999 360  
HORZ(LL): -0.001 C - -  
HORZ(TL): -0.001 C - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.29  
Max BC CSI: 0.02  
Max Web CSI: 0.12

**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: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W

E 9'0"12 / 5"8  
C 10'4"2 / 1"8  
D 9'0"12 / 1"8

**▲ Bearing Reactions (lbs)**

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

E / 317 / 0 / 36 / 521 / 0 /  
C / 12 / 0 / 2 / 21 / 0 /  
D / 0 / 0 / 12 / 17 / 0 /

**Maximum Top Chord Forces Per Ply (lbs)**

Chords Tens.Comp. Chords Tens. Comp.

A - B 92 0 B - C 7 -65

**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 -459

**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 unplated joint(s)\*\*

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.

**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.



FROM: AA

Qty: 2

Wgt: 25.2 lbs

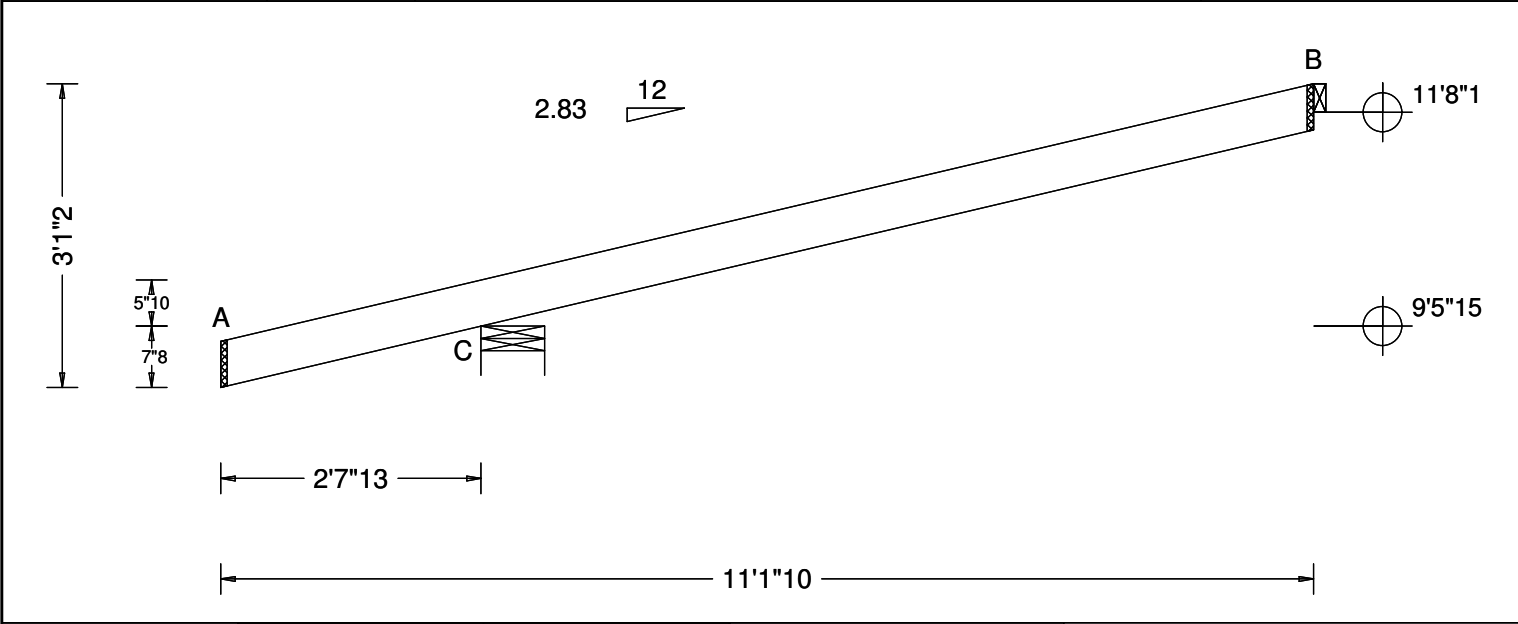
Wood Creek (Lot#15) Roof Trusses

C5

DRW:

... / ...

08/07/2020



**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: 3.00  
 BCLL: 0.00  
 BCDL: 7.00  
 Des Ld: 52.25  
 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/def 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: 0.32  
 Max BC CSI: 0.00  
 Max Web CSI: 0.00

**▲ Bearing Locations**  
 Loc Ht / W  
 C 9'5"15 / 7"12  
 B 11'8"1 / 1"8

**▲ Bearing Reactions (lbs)**  
 Loc / S / L / D / F / Hz / U  
 C / 103 / 0 / 30 / 193 / 0 /  
 B / 170 / 0 / 26 / 288 / 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: 20.01.00C.0430.20

**Maximum Top Chord Forces Per Ply (lbs)**  
 Chords Tens.Comp.  
 A - B 67 -44

**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: -2.65 0/ 0/ 0/ 1 2.87 0/ 0/ 0/ 1  
 TC: 2.87 0/ 0/ 0/ 1 5.75 0/ 0/ 0/ 1  
 TC: 5.75 0/ 0/ 0/ 1 8.49 0/ 0/ 0/ 1  
 TC: 28/0/0/21 lb Conc. Load at 2.92  
 TC: 121/0/0/9 lb Conc. Load at 5.62  
 TC: 124/0/0/17 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.

**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.



FROM: AA

Qty: 1

Wgt: 26.6 lbs

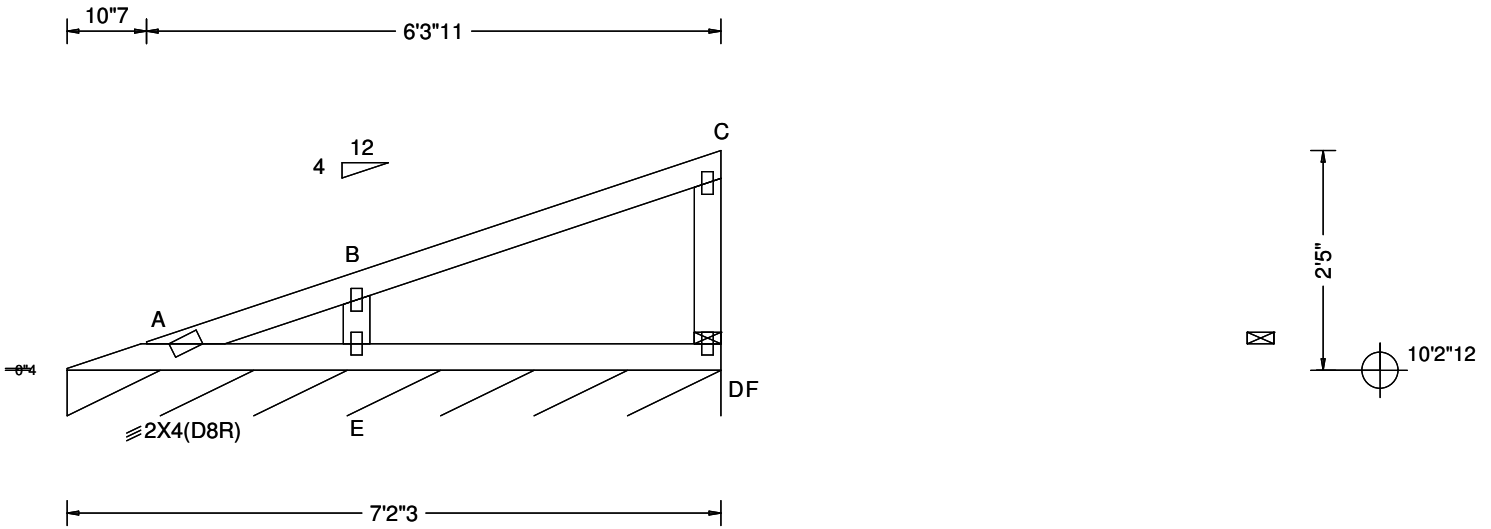
Wood Creek (Lot#15) Roof Trusses

M1

DRW:

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08/07/2020



**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: 3.00  
 BCLL: 0.00  
 BCDL: 7.00  
 Des Ld: 52.25  
 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): 0.004 E 999 360  
 VERT(TL): 0.006 E 999 360  
 HORZ(LL): -0.001 C - -  
 HORZ(TL): -0.001 C - 1.00  
 Creep Factor: 1.0  
 Overhang: Non-removable  
 Max TC CSI: 0.19  
 Max BC CSI: 0.04  
 Max Web CSI: 0.01

**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: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W

A 10'2"12 7'2"3

**▲ Bearing Reactions (lbs)**

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

A / 606 / 0 / 143 / 151 / 0 /

**Maximum Top Chord Forces Per Ply (lbs)**

Chords Tens.Comp. Chords Tens. Comp.

A - B 46 -23 B - C 69 -102

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords Tens.Comp. Chords Tens. Comp.

A - E 34 0 E - D 0 0

**Maximum Gable Forces Per Ply (lbs)**

Gables Tens.Comp. Gables Tens. Comp.

B - E 0 -574 C - D 0 -220

**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	86	0.00	7.18

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.



FROM: AA

Qty: 1

Wgt: 18.2 lbs

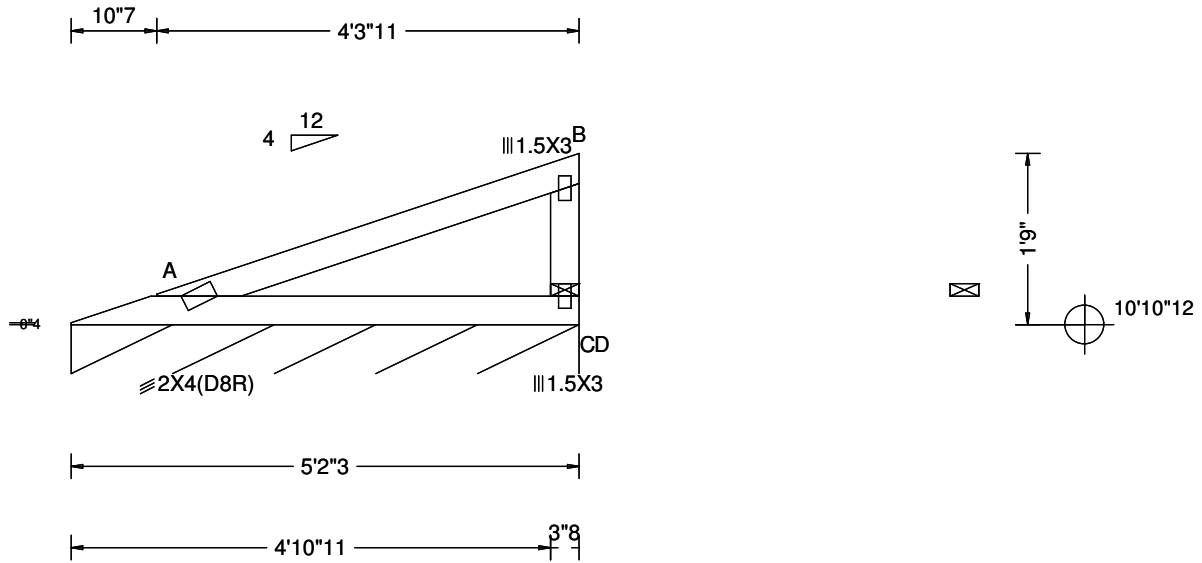
Wood Creek (Lot#15) Roof Trusses

M2

DRW:

... / ...

08/07/2020



**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: 3.00  
 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): NA  
 VERT(TL): NA  
 HORZ(LL): -0.015 B - -  
 HORZ(TL): -0.023 B - 1.00  
 Creep Factor: 1.0  
 Overhang: Non-removable  
 Max TC CSI: 0.40  
 Max BC CSI: 0.39  
 Max Web CSI: 0.02

**Ground Snow Load: 73.00**

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

**Des Ld: 52.25**

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: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W

A 10'10"15'2"3

**▲ Bearing Reactions (lbs)**

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

A / 437 / 0 / 103 / 151 / 0 /

**Maximum Top Chord Forces Per Ply (lbs)**

Chords Tens.Comp.

A - B 89 -67

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords Tens.Comp.

A - C 0 0

**Maximum Web Forces Per Ply (lbs)**

Webs Tens.Comp.

B - C 0 -283

**Lumber**

Top Chord: 2x4 SPF #1/#2;  
 Bot Chord: 2x4 SPF #1/#2;  
 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.

**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	62	0.00	5.18

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

**Additional Notes**

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

Refer to drawings A105 for valley details.



FROM: AA

Qty: 1

Wgt: 11.2 lbs

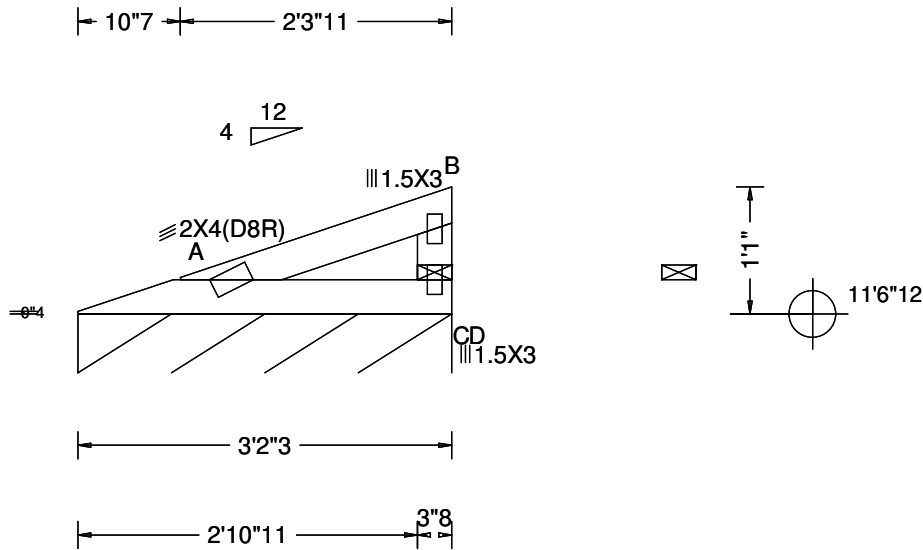
Wood Creek (Lot#15) Roof Trusses

M3

DRW:

... / ...

08/07/2020



**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: 3.00  
 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): NA  
 VERT(TL): NA  
 HORZ(LL): -0.003 B - -  
 HORZ(TL): -0.004 B - 1.00  
 Creep Factor: 1.0  
 Overhang: Non-removable  
 Max TC CSI: 0.12  
 Max BC CSI: 0.15  
 Max Web CSI: 0.01

**Ground Snow Load: 73.00**

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

**Des Ld: 52.25**

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

Slippery Roof: N/A  
 Wind Exposed: N/A

PT/IT/RT: 4sx10%/ 5 deg Standard Pressed  
 Plate Type: Wave-Canada

VIEW Ver: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W

A 11'6"12 3'2"3

**▲ Bearing Reactions (lbs)**

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

A / 268 / 0 / 63 / 151 / 0 /

**Maximum Top Chord Forces Per Ply (lbs)**

Chords Tens.Comp.

A - B 50 -21

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords Tens.Comp.

A - C 0 0

**Maximum Web Forces Per Ply (lbs)**

Webs Tens.Comp.

B - C 0 -160

**Lumber**

Top Chord: 2x4 SPF #1/#2;  
 Bot Chord: 2x4 SPF #1/#2;  
 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.

**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	38	0.00	3.18

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

**Additional Notes**

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

Refer to drawings A105 for valley details.



FROM: AA

Qty: 1

Wgt: 19.6 lbs

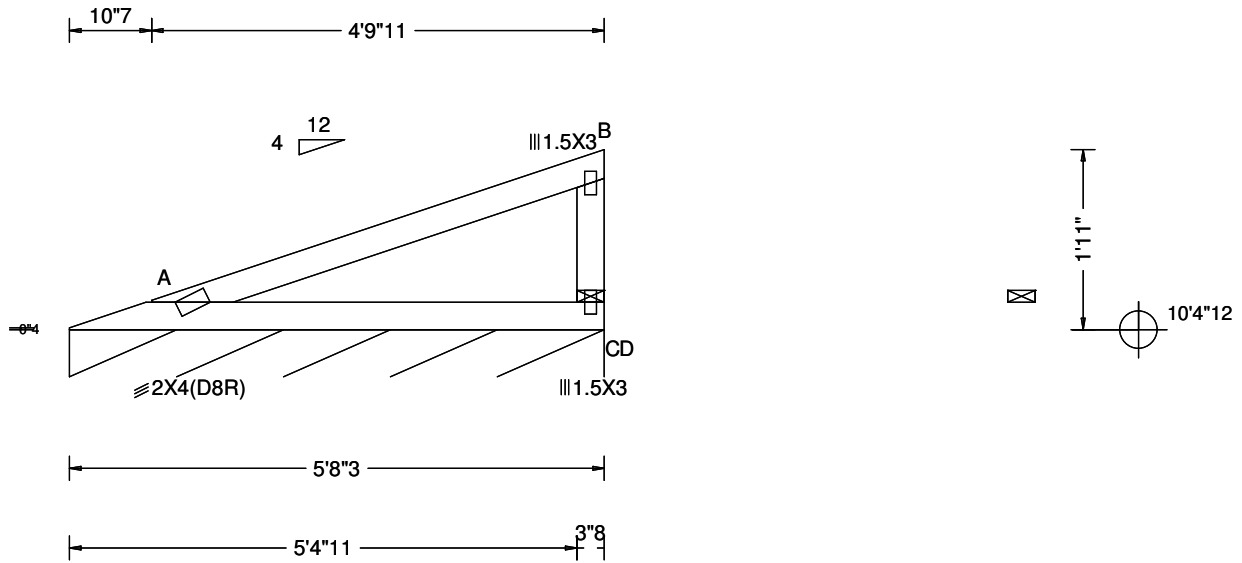
Wood Creek (Lot#15) Roof Trusses

M4

DRW:

... / ...

08/07/2020



**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: 3.00  
 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): NA  
 VERT(TL): NA  
 HORZ(LL): -0.015 B - -  
 HORZ(TL): -0.024 B - 1.00  
 Creep Factor: 1.0  
 Overhang: Non-removable  
 Max TC CSI: 0.32  
 Max BC CSI: 0.30  
 Max Web CSI: 0.02

**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: 52.25**

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: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W

A 10'4"12 5'8"3

**▲ Bearing Reactions (lbs)**

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

A / 480 / 0 / 113 / 151 / 0 /

**Maximum Top Chord Forces Per Ply (lbs)**

Chords Tens.Comp.

A - B 99 -78

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords Tens.Comp.

A - C 0 0

**Maximum Web Forces Per Ply (lbs)**

Webs Tens.Comp.

B - C 0 -313

**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.

**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	68	0.00	5.68

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

**Additional Notes**

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

Refer to drawings A105 for valley details.



FROM: AA

Qty: 1

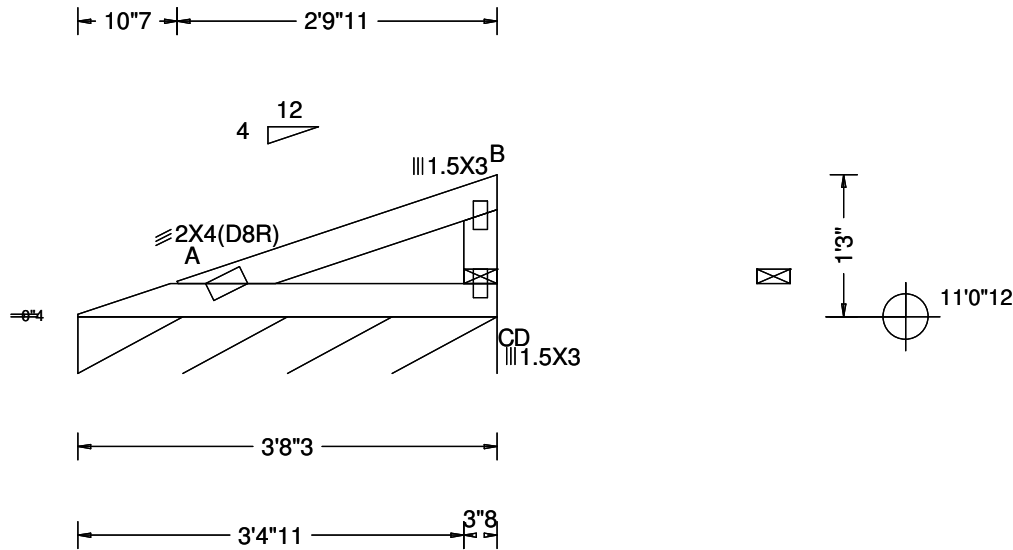
Wgt: 11.2 lbs

Wood Creek (Lot#15) Roof Trusses  
M5

DRW:

... / ...

08/07/2020



**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: 3.00  
BCLL: 0.00  
BCDL: 7.00  
Des Ld: 52.25  
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): NA  
VERT(TL): NA  
HORZ(LL): -0.004 B - -  
HORZ(TL): -0.006 B - 1.00  
Creep Factor: 1.0  
Overhang: Non-removable  
Max TC CSI: 0.12  
Max BC CSI: 0.14  
Max Web CSI: 0.01

**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: 20.01.00C.0430.20

**▲ Bearing Locations**

Loc Ht / W

A 11'0"12 3'8"3

**▲ Bearing Reactions (lbs)**

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

A / 311 / 0 / 73 / 151 / 0 /

**Maximum Top Chord Forces Per Ply (lbs)**

Chords Tens.Comp.

A - B 60 -32

**Maximum Bot Chord Forces Per Ply (lbs)**

Chords Tens.Comp.

A - C 0 0

**Maximum Web Forces Per Ply (lbs)**

Webs Tens.Comp.

B - C 0 -191

**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.

**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	44	0.00	3.68

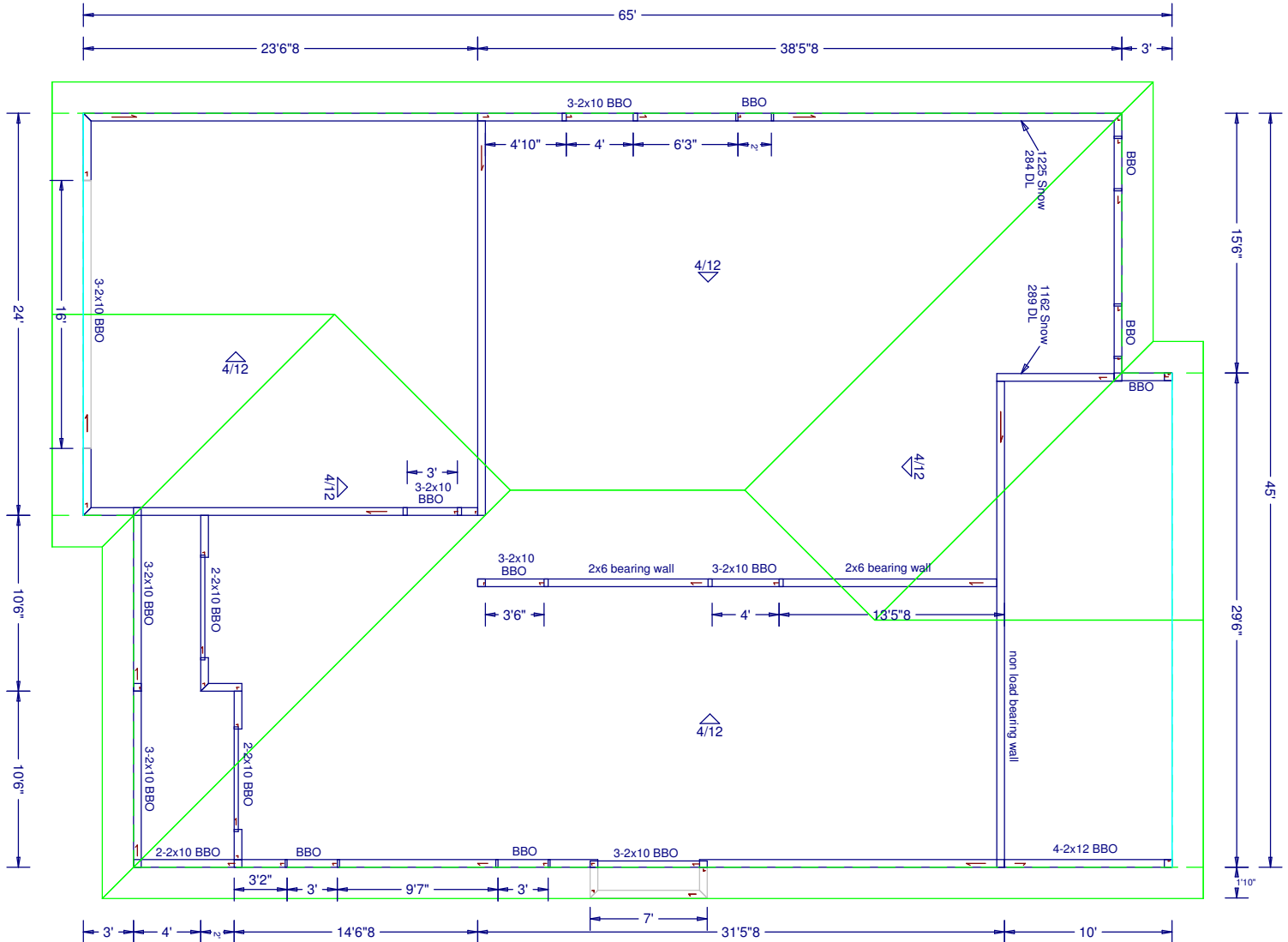
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

**Additional Notes**

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

Refer to drawings A105 for valley details.





STANDARD DEFAULT SPECS (U.N.O.)  
 SLOPE : 4/12  
 HEEL HEIGHT : 11"  
 OVERHANG : 22.5" NCB  
 ROOFING MATERIAL : ASPHALT SHINGLES  
 GROUND SNOW LOAD : 73 GSL, 2.1 RAIN  
 TC LL : 42.25 psf, TC DL : 3 psf, BC DL : 7 psf  
 SPACING : 24" O.C  
 BUILDING TYPE : RESIDENTIAL  
 DETAILS SHOWN ELSEWHERE ON THIS LAYOUT  
 AS WELL AS INDIVIDUAL TRUSS DRAWINGS  
 OVERRIDE SPECS IN THIS BOX. THIS LAYOUT  
 IS INCOMPLETE IF INDIVIDUAL TRUSS DRAWINGS  
 ARE NOT ATTACHED.

REVIEWED & APPROVED BY:  
**Phil Cates**  
 PRINTED NAME: \_\_\_\_\_  
 DocuSigned by:  
 SIGNATURE: *Phil Cates*  
 BY SIGNING, I CERTIFY THAT I HAVE  
 REVIEWED & APPROVED THIS LAYOUT,  
 DIMENSIONS & ALL RELATED DRAWINGS

8/24/2020





**MAILING ADDRESS**  
 PO Box 928  
 Salmon Arm, BC V1E 4P1  
 Phn: 250-832-8238 Fx 888-804-2585  
 e-mail: sales@satruss.ca

**QUOTE # 42558-F**

Date: (Quotes are valid 7 days) 08/07/2020  
 Page: 1  
 Estimated Ship Date:  
 Sold By: Andreassen, Andrew ..

Plant located @ 5231 46th Ave SE  
 Salmon Arm, BC

Deposits and pre-payments are non-refundable once work starts. Custom products cannot be returned for refund. Products are billable when completed.

Your Online banking Acct#  
 WOOD102416  
 Available at BMO, CIBC, RBC, TD, Credit Unions

**Sold To:**

**Wood Creek Construction LTD ..**

Victor Zimmerman  
 4950 46th Ave S.E.  
 Salmon Arm, BC V1E 2W1

**Ship To:**

Wood Creek (Lot#15)  
 Floor I Joists  
 1581 - 2nd Street S.E  
 Salmon Arm

Phn: (250) 253-1188

e-mail: invoice@; victor@woodcreek.ca

Cell:

Fax:

Quotes valid for 7 days. Products not delivered within 90 days of quoted date are subject to price change

SA Truss Business / GST# 104696828RP0001

Quantity	Unit	Description	Tax	Unit Price	Amount
292	Foot	LPI 42 11.875" 3.5plf	GP	4.21	1,229.32
1,162	Foot	LPI 20 11.875" 3.0plf	GP	2.83	3,288.46
192	Foot	1 1/8" x 11.875" RimBoard Plus 3.7plf Sold (returnable) in 12' ONLY	GP	2.70	518.40
8	Each	LT251188 2.5" x 11.875" Top Mount Hanger	GP	3.65	29.20
1	Each	MIT411.88 3.5" x 11.875" Top Mount Hanger	GP	12.00	12.00
28	Each	Tubes Lumber Lock Adhesive 828ml covers 60' @ 1/4" bead	GP	8.50	238.00
1		Deck Joists, Built Up Beams & Columns Supplied by other (Not Included)			
1		Garage Floor Joists, Steel Beam & Columns Engineered & Supplied by other (Not Included)			
1	Flat Rate	Delivery F-450 (Roll off on ground)	GP	160.00	160.00
		GP - GST 5%, PST 7%			
		GST			273.77
		PST			383.27

**REGULAR TERMS ARE COD!** All amounts are collected on, or prior to, delivery, unless you have an account. Products will not be unloaded in not paid. Quoted prices are for cash, debit, cheque, e-transfer, online banking, or on account. Transaction fees apply to other payment types.

**All delivery dates are tentative until deposit is received and final shop drawings/layouts are returned to us signed off.**

E-mail brent@satruss.ca if you need a delivery date in writing prior to payment and or/sign off.

**SIGNING THIS QUOTE COMMITS YOU TO THIS ORDER** To lock price and protect against increases for 60 days, quote must be signed and deposit must be paid. You must sign approved drawings within 60 days, and take delivery within 90 days.

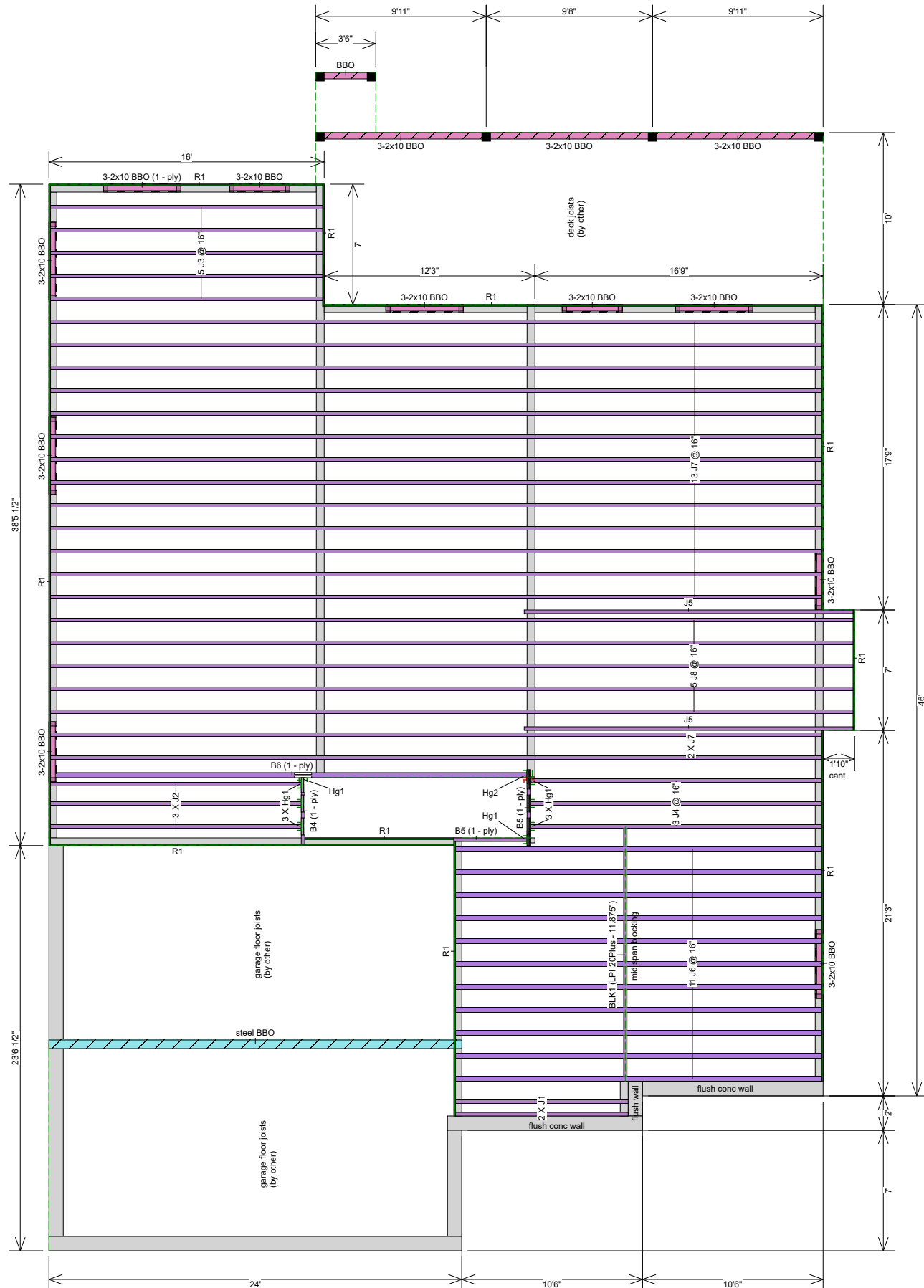
- Quoted crane delivery prices include 1 setup & 1hr site time max.
- Additional time, or craning other materials, billed at current rate.
- Delivery is on ground unless noted otherwise noted.
- Engineer's certificates for trusses are always included.
- Engineer's certificates for beams only included if noted above.
- I-Joist packages are NOT precision cut.
- Products will be supplied as per SA Truss shop drawings.
- Subject to availability, equivalent product may be supplied.

- Std terms, %50 down min, balance prior to, or on delivery.
  - Custom products not refundable once work starts.
  - Special order products not refundable.
- The undersigned agrees to the following:
- To pay the priced quoted for the products list above, and to pay interest on overdue amounts at current rate.
  - SA Truss' Current terms of sales (posted at our office).
  - To have SA Truss shop drawings reviewed and approved

<b>Total Amount</b>	6,132.42
%2 Pre-pay discounts are available for cash, bank draft/money order, online banking, or e-transfer (non certified cheques, & wire transfer excluded)	
Entire project must be pre paid	
Credit card payment accepted %100 in advance only	

PRINT FULL NAME: Phil Cates SIGN: Phil Cates DATE: 8/24/2020

Scale 1/8 inch : 1 ft.



Ground Floor Joist							
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
B5	LPI 20Plus	2.5	11.875			2	5-0-0
B4	LPI 20Plus	2.5	11.875			1	4-0-0
						Total LF:	14'
J8	LPI 20Plus	2.5	11.875			5	47-0-0
J7	LPI 20Plus	2.5	11.875			15	45-0-0
J5	LPI 20Plus	2.5	11.875			2	20-0-0
J4	LPI 20Plus	2.5	11.875			3	17-0-0
J3	LPI 20Plus	2.5	11.875			5	16-0-0
J2	LPI 20Plus	2.5	11.875			3	15-0-0
J1	LPI 20Plus	2.5	11.875			2	11-0-0
						Total LF:	1148'
J6	LPI 42Plus	3.5	11.875			11	22-0-0
						Total LF:	242'
B6	LPI 42Plus	3.5	11.875			1	28-0-0
						Total LF:	28'

Blocking							
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
BLK1	LPI 20 Plus	2.5	11.875	LinFt		Varies	12-0-0

Rim Board							
Label	Description	Width	Depth	Qty	Plies	Pcs	Length
R1	LP APA Rated OSB 1.125 X 11.875	1.125	11.875			16	12-0-0

Hanger							
Label	Pcs	Description	Skew	Slope	Beam/Girder fasteners	Supported Member fasteners	
Hg1	8	LT251188			4 10dx1 1/2	2 10dx1 1/2	
Hg2	1	MIT411.88			4 10dx1 1/2	4 10dx1 1/2	

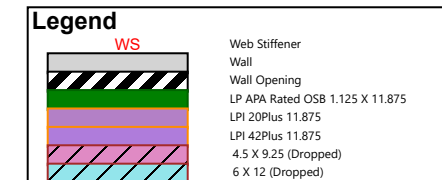
**Important Notes**

Review Manufacturers' installation guide for additional structural details where necessary. Review all beam and header spec drawings for bearing requirements prior to framing.

Do Not cut or notch top or bottom flanges of joists to provide clearance for plumbing fixtures. Offset and/or install additional joists to provide clearance.

All Steel beams and columns by others. All dimensional stock (SPF and DF) Joists, Beams, Headers and Columns are by others. If listed on this layout, it is for informational purposes only. Refer to QUOTE or INVOICE for exact quantities of materials that are included.

Joist hangers, Mid-Span blocking, floor sheathing fasteners and other connection details, may increase risk of noise (squeaks) in a floor system. It is the responsibility of the installer to ensure adequate measures are taken to prevent movement at all connections. Squeaks caused by such conditions are not covered under warranty.



**Salmon Arm Truss Systems LTD**

5231 46th Ave SE  
Salmon Arm, BC  
CA  
V1E 1X2  
250 832 8238

Description	
Layout Name	42558-F
Shipping	1581 - 2nd Street S.E. Salmon Arm
Created	August 07, 2020
Plotted	August 07, 2020
Designer	Andy Andreasen
Project	Wood Creek (Lot#15)

This drawing is a general interpretation of the construction drawings for this project and assumes the adequacy of the supporting structure. It is intended only as a general guide for the engineered wood products placement. All Dimensions, quantities and details must be carefully checked, verified by comparison to the actual field conditions and are the responsibility of the client, architect/engineer and builder. Engineered floor system does not account for roof loading unless noted otherwise.

REVIEWED & APPROVED BY:

**Phil Cates**

Printed Name DocuSigned by:

*Phil Cates*  
Signature 89918CFC7F15487...

**Ground Floor**

Design Method Building Code LSD (Canada) NBCC 2015 / BCBC 2018

**Floor** 8/24/2020

Loads	
Live	40
Dead	12
Deflection Joist	
LL Span L/	480
TL Span L/	240
LL Cant 2L/	480
TL Cant 2L/	240
Deflection Girder	
LL Span L/	360
TL Span L/	240
LL Cant 2L/	360
TL Cant 2L/	240
Decking	
Thickness	SPF Plywood 3/4"
Fastener	Nailed & Glued
Vibration	
Ceiling:	Gypsum 1/2"

I-Joist and beam packages are rough cut / trim to exact length on site