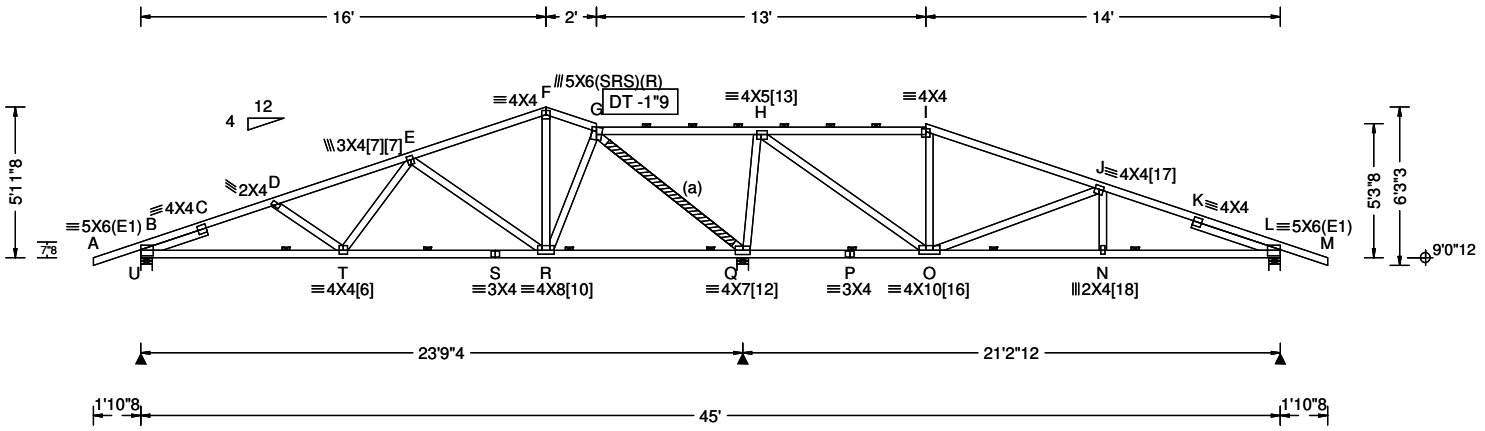
SEQN: 10190 / T3 / SPEC FROM: AA	Ply: 1 Qty: 1 Wgt: 243.6 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR01	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.082	S	999	360
VERT(TL): 0.128	S	999	360
HORZ(LL): 0.028	N	-	-
HORZ(TL): 0.044	N	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.81
Max BC CSI: 0.94
Max Web CSI: 0.79

VIEW Ver: 18.02.01A.0205.19

Lumber

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

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 2.727'
:Rt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 3.621'

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	Shift	Chord Bite	JT No	Plate Size	Shift	Chord Bite
[6]	4X4	S	1.75	[7]	3X4	1.75 L	1.75
[10]	4X8	S	1.75	[12]	4X7	S	2.00
[13]	4X5	3.00 R	1.75	[16]	4X10	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)
TC	24	18.00	31.00
BC	70	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.

▲ Bearing Locations

Loc	Ht / W
U	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
U	/ 947	/ 0	/ 188	/ 1656	/ 0	/ 0
Q	/ 2422	/ 0	/ 579	/ 4358	/ 0	/ 0
L	/ 907	/ 0	/ 155	/ 1555	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	G - H	2125	0
B - C	0	-2785	H - I	506	-689
C - D	0	-2668	I - J	543	-874
D - E	0	-2218	J - K	238	-2317
E - F	68	-682	K - L	232	-2444
F - G	110	-550	L - M	80	0

Maximum Bot Chord Forces Per Ply (lbs)

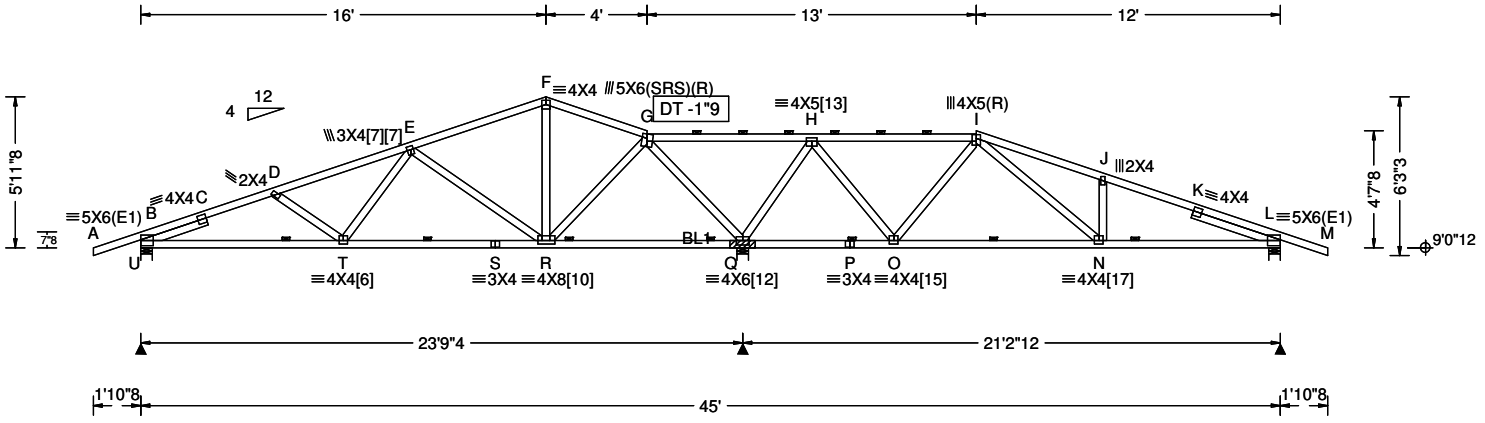
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - T	2477	0	Q - P	0	-1752
T - S	1683	0	P - O	0	-1752
S - R	1683	0	O - N	2168	-216
R - Q	146	-241	N - L	2172	-211

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - T	0	-596	Q - H	0	-2495
T - E	599	0	H - O	2353	0
E - R	0	-1444	I - O	0	-655
F - R	70	-192	O - J	0	-1673
R - G	1219	0	J - N	134	0
G - Q	0	-2690			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10195 / T5 / SPEC FROM: AA	Ply: 1 Qty: 1 Wgt: 239.4 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR02	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.103	K	999	360
VERT(TL): 0.161	K	999	360
HORZ(LL): 0.026	N	-	-
HORZ(TL): 0.040	N	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.82
Max BC CSI: 0.49
Max Web CSI: 0.67

VIEW Ver: 18.02.01A.0205.19

Lumber

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

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 2.727'
:Rt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 3.621'

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[6]	4X4	S		1.75	[7]	3X4	1.75	L	1.75
[10]	4X8	2.00	L	1.75	[12]	4X6	S		2.25
[13]	4X5	S		1.75	[15]	4X4	1.75	R	1.75
[17]	4X4	1.75	R	1.75					

Purlins

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

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	24	20.00	33.00
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"	4

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

▲ Bearing Locations

Loc	Ht / W
U	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
U	/ 956	/ 0	/ 190	/ 1672	/ 0	/ 0
Q	/ 2387	/ 0	/ 574	/ 4298	/ 0	/ 0
L	/ 916	/ 0	/ 157	/ 1571	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	G - H	2449	0
B - C	0	-2828	H - I	652	-468
C - D	0	-2710	I - J	178	-2348
D - E	0	-2261	J - K	185	-2323
E - F	23	-731	K - L	195	-2452
F - G	107	-600	L - M	80	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - T	2516	0	Q - P	0	-1031
T - S	1727	0	P - O	0	-1031
S - R	1727	0	O - N	1083	-418
R - Q	0	-680	N - L	2169	-162

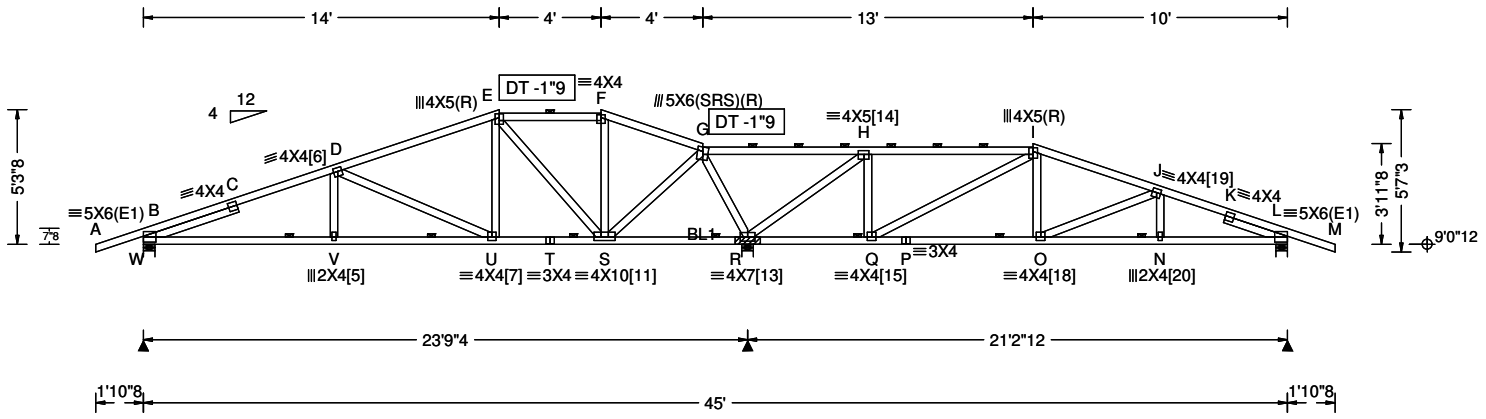
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - T	0	-590	Q - H	0	-2597
T - E	591	0	H - O	1404	0
E - R	0	-1440	O - I	0	-1253
F - R	86	-296	I - N	1433	0
R - G	1669	0	N - J	0	-787
G - Q	0	-2665			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10139 / T1 / SPEC FROM: SKR	Ply: 1 Qty: 1 Wgt: 246.4 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR03	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.116	C	999	360
VERT(TL): 0.181	C	999	360
HORZ(LL): 0.046	C	-	-
HORZ(TL): 0.072	C	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.82
Max BC CSI: 0.87
Max Web CSI: 0.83

VIEW Ver: 18.02.01A.0205.19

Lumber

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

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 3.884'
:Rt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 2.567'

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	Shift	Chord Bite	JT No	Plate Size	Shift	Chord Bite
[5]	2X4	S	1.75	[6]	4X4	S	1.75
[7]	4X4	S	1.75	[11]	4X10	S	1.75
[13]	4X7	S	2.00	[14]	4X5	2.25 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)
TC	24	14.00	18.00
TC	24	22.00	35.00
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"	2

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

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
W	/ 967	/ 0	/ 198	/ 1699	/ 0	/ 0
R	/ 2315	/ 0	/ 556	/ 4169	/ 0	/ 0
L	/ 926	/ 0	/ 167	/ 1599	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	G - H	2508	0
B - C	43	- 2764	H - I	470	- 596
C - D	0	- 2626	I - J	61	- 1814
D - E	90	- 1308	J - K	0	- 2560
E - F	310	- 303	K - L	1	- 2676
F - G	424	- 323	L - M	80	0

Maximum Bot Chord Forces Per Ply (lbs)

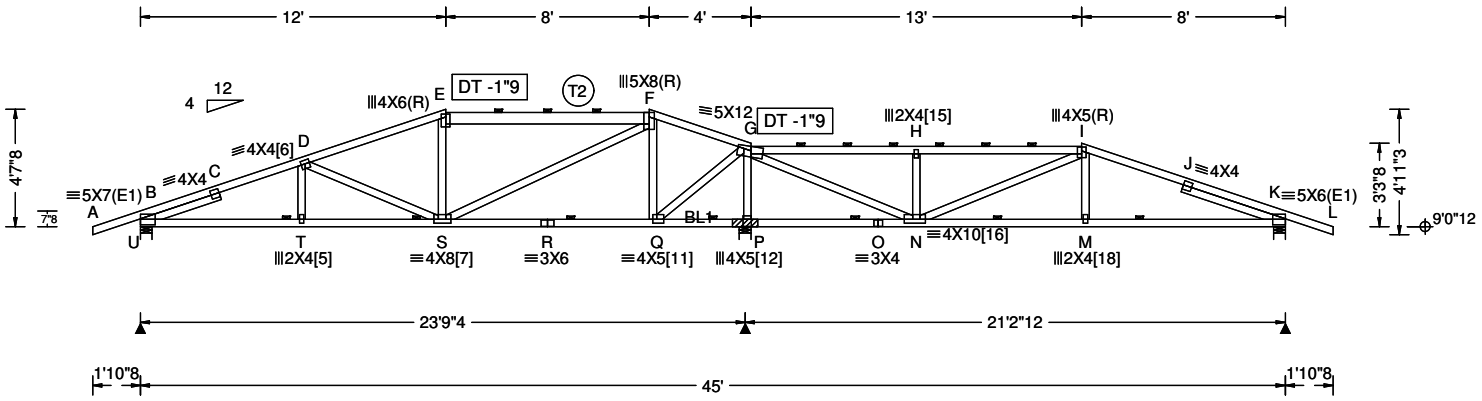
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - V	2460	0	R - Q	537	- 497
V - U	2455	0	Q - P	1583	- 68
U - T	1050	- 92	P - O	1583	- 68
T - S	1050	- 92	O - N	2376	0
S - R	0	- 1421	N - L	2377	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
V - D	141	0	R - H	0	- 3040
D - U	0	- 1515	H - Q	794	0
U - E	727	0	Q - I	0	- 1424
E - S	0	- 1280	I - O	478	0
F - S	71	- 466	O - J	0	- 881
S - G	2234	0	J - N	77	0
G - R	0	- 2456			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10136 / T6 / SPEC FROM: SKR	Ply: 1 Qty: 1 Wgt: 242.2 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR04	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.316	J	802	360
VERT(TL): 0.493	J	515	360
HORZ(LL): -0.093	J	-	-
HORZ(TL): -0.157	J	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.51
Max BC CSI: 0.96
Max Web CSI: 0.33

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

Loc	Ht	/ W
U	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
U	/ 1061	/ 0	/ 215	/ 1861	/ 0	/ 0
P	/ 2124	/ 0	/ 523	/ 3840	/ 0	/ 0
K	/ 998	/ 0	/ 183	/ 1727	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	G - H	72	-2054
B - C	0	-3294	H - I	72	-2054
C - D	0	-3167	I - J	0	-2535
D - E	0	-2195	J - K	30	-2686
E - F	0	-1978	K - L	80	0
F - G	292	-448			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - T	2956	0	P - O	0	-1586
T - S	2953	0	O - N	0	-1586
S - R	475	-162	N - M	2347	0
R - Q	475	-162	M - K	2358	0
Q - P	0	-1771			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
T - D	95	0	P - G	0	-3725
D - S	0	-1174	G - N	3448	0
S - E	58	-232	H - N	0	-1118
S - F	1787	0	N - I	0	-579
F - Q	0	-1540	I - M	217	0
Q - G	2620	0			

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 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 3.269'
:Rt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 4.225'

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[5]	2X4	S		1.75	[6]	4X4	S		1.75
[7]	4X8	2.00	L	1.75	[11]	4X5	3.25	R	1.75
[12]	4X5	S		3.25	[15]	2X4	S		2.00
[16]	4X10	2.50	R	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)
TC	24	12.00	20.00
TC	24	24.00	37.00
BC	70	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.

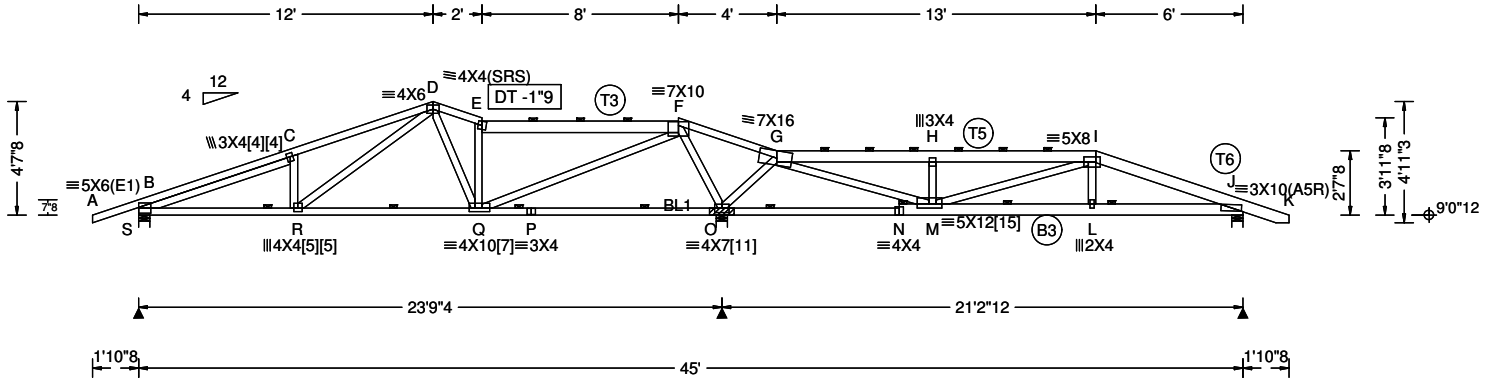
Additional Notes

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

Warning: Component is designed to bear at specific locations.

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10128 / T20 / SPEC FROM: SKR	Ply: 1 Qty: 1 Wgt: 267.4 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR05	DRW: ... / ... 05/27/2020



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
Is: 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: 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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.173	H	999	360
VERT(TL): 0.279	H	913	360
HORZ(LL): 0.029	C	-	-
HORZ(TL): 0.045	C	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.55
Max BC CSI: 0.95
Max Web CSI: 0.55

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

Loc	Ht / W
S	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
S	/ 938	/ 0	/ 191	/ 1646	/ 0	/ 0
O	/ 2831	/ 0	/ 686	/ 5105	/ 0	/ 0
J	/ 1432	/ 0	/ 316	/ 2543	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	F - G	3587	0
B - C	0	-2776	G - H	0	-4928
C - D	0	-2676	H - I	0	-4924
D - E	0	-1415	I - J	0	-5334
E - F	0	-1323	J - K	80	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - R	2505	0	O - N	0	-1695
R - Q	1288	0	N - M	0	-1694
Q - P	0	-1746	M - L	4946	0
P - O	0	-1746	L - J	4928	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - R	0	-795	O - G	0	-2464
R - D	1455	0	G - M	6665	0
D - Q	76	-441	H - M	0	-1767
Q - E	0	-1163	M - I	0	-273
Q - F	3348	0	L - I	261	0
F - O	0	-3580			

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E :T3, T5, T6 2x6 SPF 2100Fb-1.8E:
Bot Chord 2x4 SPF 2100Fb-1.8E :B3 2x6 SPF 2100Fb-1.8E:
Webs 2x4 SPF 2100Fb-1.8E

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 6.530'

Special Loads

Resid.Ld[3SL]- 6
(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	32.06	85/ 0/ 0/ 6
TC:	32.06	42/ 0/ 0/ 3	38.94	42/ 0/ 0/ 3
TC:	38.94	85/ 0/ 0/ 6	46.88	85/ 0/ 0/ 6
BC:	0.00	0/ 0/ 0/14	32.06	0/ 0/ 0/14
BC:	32.06	0/ 0/ 0/ 7	45.00	0/ 0/ 0/ 7

TC: 198/0/0/16 lb Conc. Load at 32.06,32.94,34.94,36.94
TC: 394/0/0/40 lb Conc. Load at 38.97
BC: 31/0/0/42 lb Conc. Load at 32.06,32.94,34.94,36.94 38.94
BC: 2/0/0/39 lb Conc. Load at 40.94
BC: 0/0/0/29 lb Conc. Load at 42.94

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[4]	3X4	1.25	R	1.75	[5]	4X4	2.25	R	1.75
[7]	4X10	2.75	L	1.75	[11]	4X7	S		2.25
[15]	5X12	2.75	R	2.00					

Purlins

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

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	24	14.00	22.00
TC	24	26.00	39.00
BC	67	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"	9

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

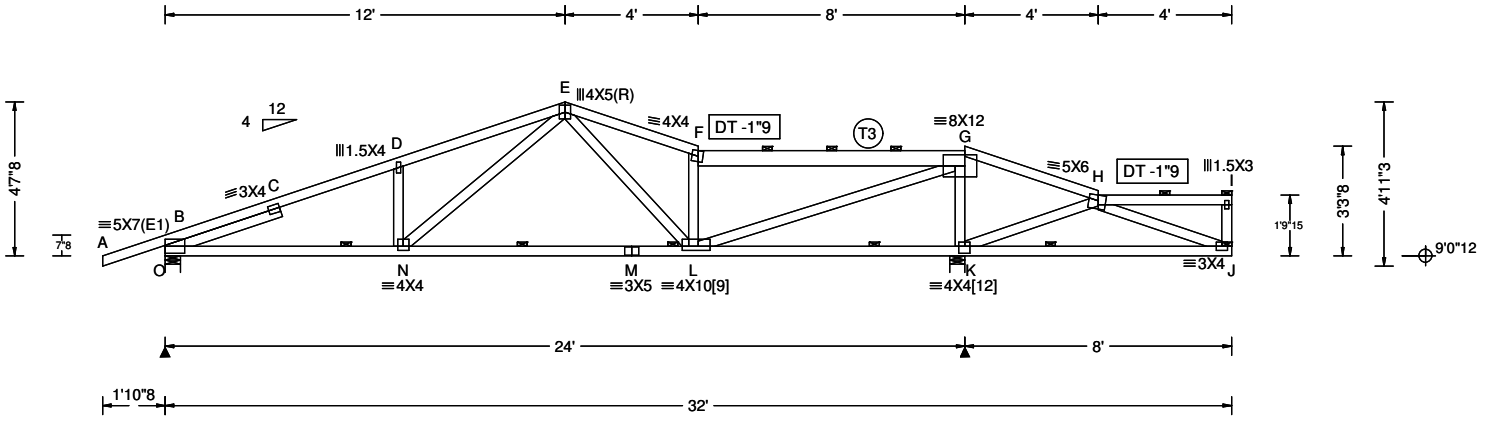
Additional Notes

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

Warning: Component is designed to bear at specific locations.

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10125 / T35 / SPEC FROM: SKR	Ply: 1 Qty: 1 Wgt: 170.8 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR06	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.170	M	999	360
VERT(TL): 0.265	M	999	360
HORZ(LL): 0.038	C	-	-
HORZ(TL): 0.059	C	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.39
Max BC CSI: 0.96
Max Web CSI: 0.31

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
O	/ 1065	/ 0	/ 225	/ 1880	/ 0	/ 0
K	/ 1796	/ 0	/ 426	/ 3227	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	E - F	0	-2452
B - C	0	-3303	F - G	0	-2303
C - D	0	-3168	G - H	1791	0
D - E	0	-3190	H - I	4	-4

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - N	2958	0	L - K	0	-1626
N - M	1917	0	K - J	0	-798
M - L	1917	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - N	0	-729	G - K	0	-2724
N - E	1324	0	K - H	0	-891
E - L	459	0	H - J	859	0
L - F	0	-1605	I - J	0	-268
L - G	4169	0			

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E :T3 2x6 SPF 2100Fb-1.8E:
Bot Chord 2x4 SPF 2100Fb-1.8E
Webs 2x4 SPF 2100Fb-1.8E

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 3.621'

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[9]	4X10	4.25	R	1.50	[12]	4X4	2.25	L	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)
TC	24	16.00	24.00
TC	24	28.00	32.00
BC	72	0.00	32.00

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

Additional Notes

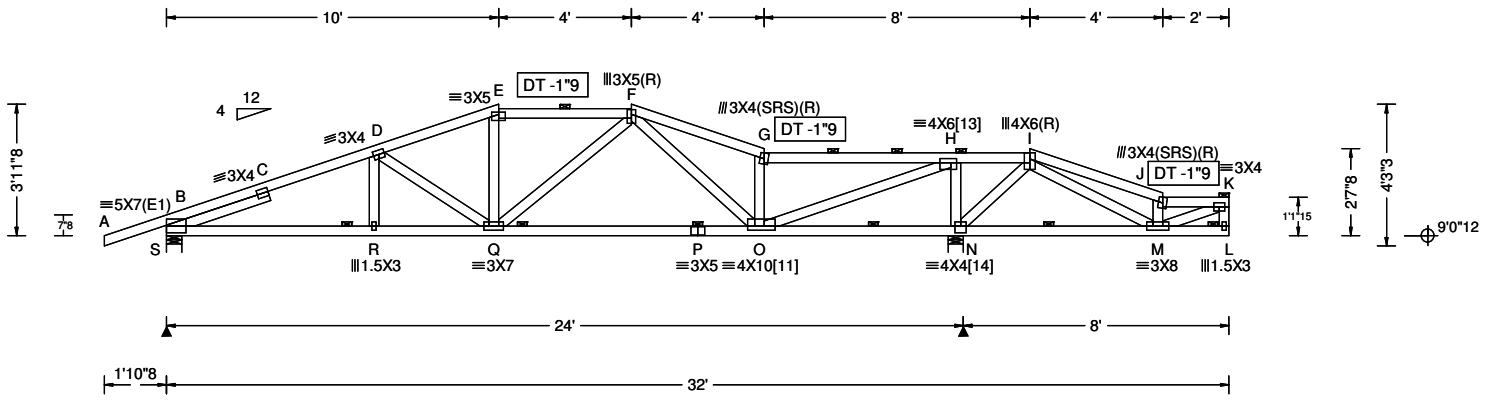
Interaction equation as per Clause 6.5.13 of CSA-O86-14.

Warning: Component is designed to bear at specific locations.

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10122 / T2 / SPEC FROM: SKR	Ply: 1 Qty: 1 Wgt: 168.0 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR07	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.147	P	999	360
VERT(TL): 0.229	P	999	360
HORZ(LL): 0.032	O	-	-
HORZ(TL): 0.050	O	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.55
Max BC CSI: 0.99
Max Web CSI: 0.30

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
S	/ 1059	/ 0	/ 223	/ 1868	/ 0	/ 0
N	/ 1802	/ 0	/ 427	/ 3238	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	F - G	0	-2113
B - C	0	-3273	G - H	0	-2005
C - D	0	-3146	H - I	2038	0
D - E	0	-2565	I - J	481	0
E - F	0	-2350	J - K	335	0

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - R	2927	0	O - N	0	-1747
R - Q	2925	0	N - M	0	-1204
Q - P	2071	0	M - L	0	0
P - O	2071	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
R - D	68	0	H - N	0	-2220
D - Q	0	-687	N - I	0	-1232
Q - E	282	0	I - M	961	0
Q - F	369	0	M - J	0	-291
F - O	33	-201	M - K	0	-357
O - G	0	-1190	K - L	10	0
O - H	4011	0			

Lumber

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

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 3.225'

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[11]	4X10	4.00	R	1.50	[13]	4X6	2.00	R	1.50
[14]	4X4	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)
TC	24	10.00	14.00
TC	24	18.00	26.00
TC	24	30.00	32.00
BC	71	0.00	32.00

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

Additional Notes

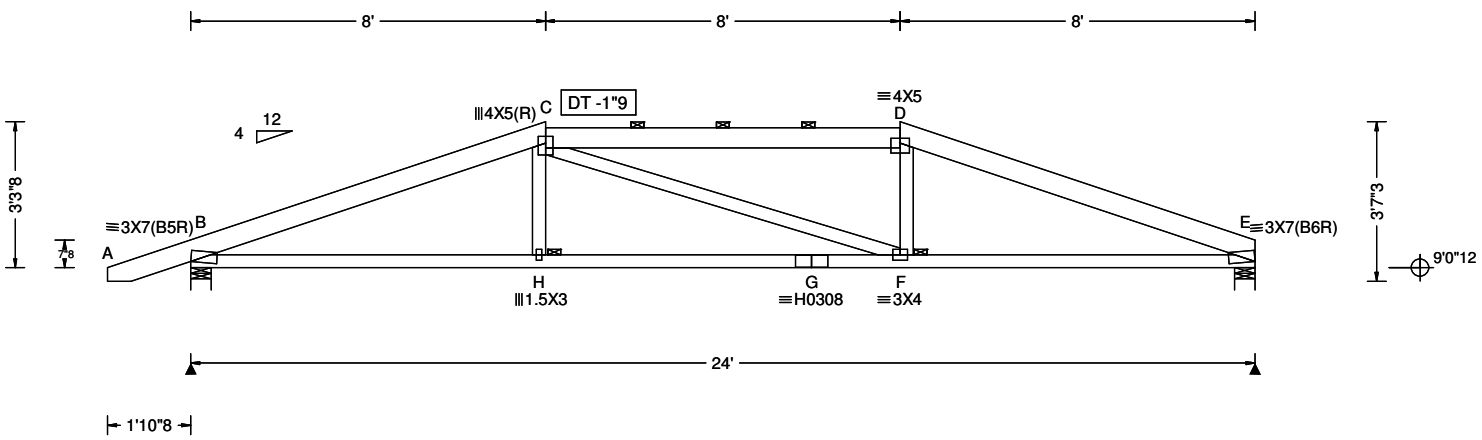
Interaction equation as per Clause 6.5.13 of CSA-O86-14.

Warning: Component is designed to bear at specific locations.

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10220 / T4 / HIPS FROM: AA	Ply: 1 Qty: 1 Wgt: 119.0 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR08	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.159	G	999	360
VERT(TL): 0.248	G	999	360
HORZ(LL): 0.057	F	-	-
HORZ(TL): 0.090	F	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.40
Max BC CSI: 0.34
Max Web CSI: 0.02

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x6 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)
TC	24	8.00	16.00
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-O86-14.

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

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

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	C - D	0	-3419
B - C	0	-3749	D - E	0	-3779

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - H	3384	0	G - F	3377	0
H - G	3377	0	F - E	3419	0

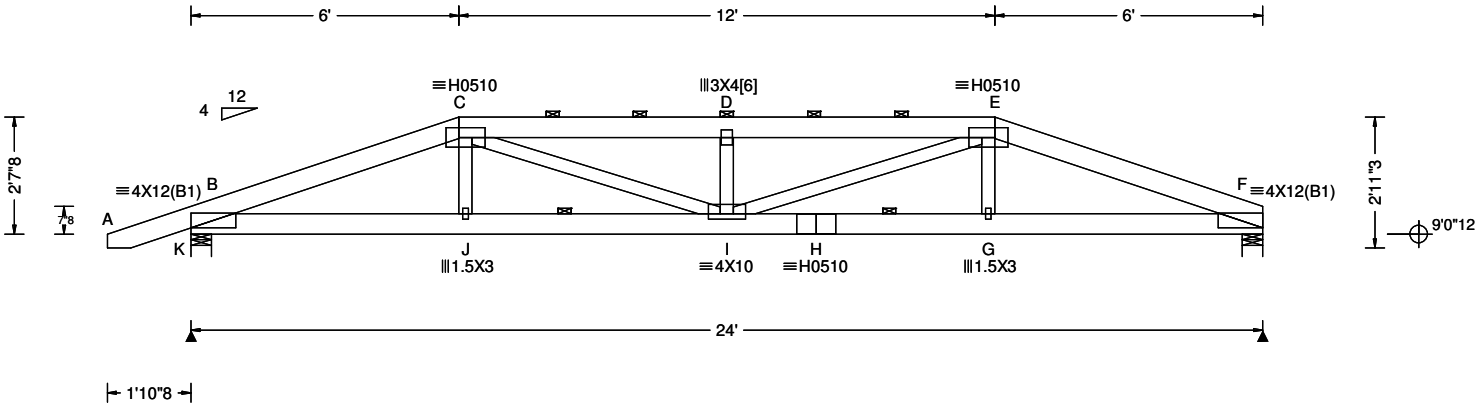
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
H - C	155	0	D - F	156	0
C - F	44	0			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10217 / T8 / HIPS FROM: AA	Ply: 1 Qty: 1 Wgt: 138.6 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR09	DRW: ... / ... 05/27/2020



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
Is: 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: 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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.373	D	772	360
VERT(TL): 0.586	D	491	360
HORZ(LL): 0.078	G	-	-
HORZ(TL): 0.122	G	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.61
Max BC CSI: 0.53
Max Web CSI: 0.23

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
K	/ 1926	/ 0	/ 445	/ 3446	/ 0	/ 0
F	/ 1755	/ 0	/ 433	/ 3175	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	D - E	0	-10080
B - C	0	-7941	E - F	0	-8005
C - D	0	-10080			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - J	7393	0	H - G	7473	0
J - I	7406	0	G - F	7459	0
I - H	7473	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - J	206	0	I - E	2770	0
C - I	2842	0	G - E	220	0
D - I	0	-1541			

Lumber

Top Chord 2x6 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:	-1.88	85/ 0/ 0/ 6	6.06	85/ 0/ 0/ 6
TC:	6.06	42/ 0/ 0/ 3	17.94	42/ 0/ 0/ 3
TC:	17.94	85/ 0/ 0/ 6	24.00	85/ 0/ 0/ 6
BC:	0.00	0/ 0/ 0/ 7	24.00	0/ 0/ 0/ 7

TC: 394/0/0/40 lb Conc. Load at 6.03,17.97
TC: 198/0/0/16 lb Conc. Load at 8.06,10.06,12.00,13.94 15.94
BC: 0/0/0/29 lb Conc. Load at 2.06,21.94
BC: 2/0/0/39 lb Conc. Load at 4.06,19.94
BC: 31/0/0/42 lb Conc. Load at 6.06, 8.06,10.06,12.00 13.94,15.94,17.94

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	Shift	Chord Bite	JT No	Plate Size	Shift	Chord Bite
[6]	3X4	S	2.00				

Purlins

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

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	24	6.00	18.00
BC	120	0.00	24.00

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

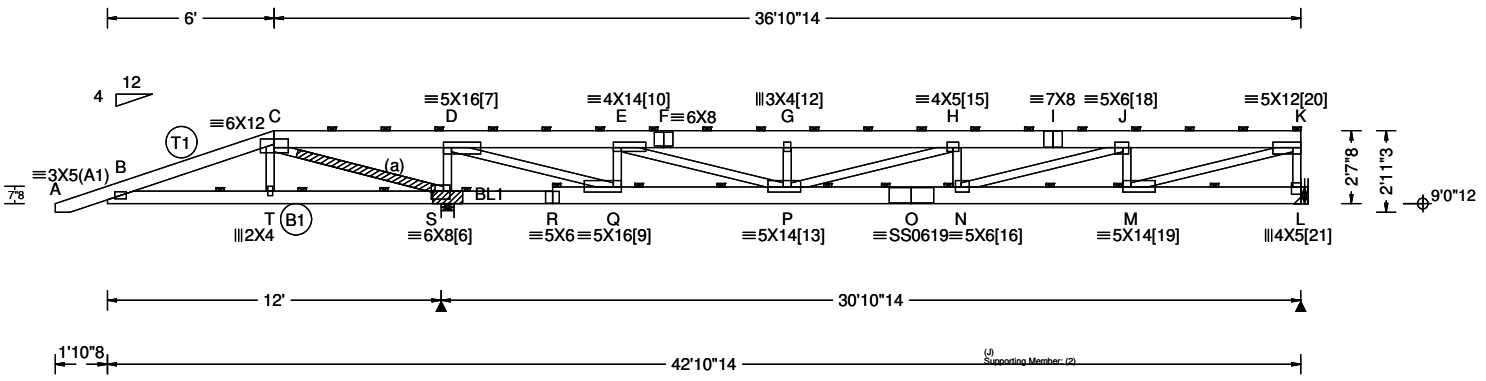
Additional Notes

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

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10140 / T40 / HIPM FROM: AA	Ply: 1 Qty: 1 Wgt: 377.3 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR10	DRW: ... / ... 05/27/2020



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: No

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

Wind Criteria
q: 10.0
Ref Ht: 19.68
Calc'd Int. Press: 12.60
Exposure: Open
BLDG Cat: 3
Ceiling Attached: Yes
TCDL: 3.00
BCDL: 7.00
Duration of Load: 1.15

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.637	O	580	360
VERT(TL): 0.996	O	371	360
HORZ(LL): -0.055	K	-	-
HORZ(TL): -0.086	K	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.90
Max BC CSI: 0.99
Max Web CSI: 0.89

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

Loc	Ht	/ W
S	9'0"12 / 5"8	
L	9'0"12 / -	

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
S	/ 4706	/ 0	/ 1130	/ 8472	/ 130	/ 334
L	/ 2059	/ 0	/ 526	/ 3753	/ 0	/ 200

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	F - G	394	-10195
B - C	2319	-553	G - H	394	-10195
C - D	8488	-934	H - I	405	-11913
D - E	234	-2944	I - J	405	-11913
E - F	394	-10195	J - K	278	-8572

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - T	611	-2098	P - O	12016	-384
T - S	602	-2116	O - N	12016	-384
S - R	929	-7713	N - M	8943	-267
R - Q	930	-7711	M - L	16	-23
Q - P	3433	-221			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
T - C	271	0	P - H	211	-2037
C - S	491	-6744	H - N	82	-660
S - D	268	-5613	N - J	3154	-112
D - Q	10854	-412	J - M	144	-2552
Q - E	187	-3445	M - K	9034	-276
E - P	7316	-342	K - L	128	-3509
G - P	93	-1353			

Lumber

Top Chord 2x8 SPF 1950Fb-1.7E :T1 2x6 SPF 1650Fb-1.5E:
Bot Chord 2x8 SPF 1950Fb-1.7E :B1 2x6 SPF 1650Fb-1.5E:
Webs 2x4 SPF 2100Fb-1.8E

Bracing

(a) #3 or better scab brace. Same size & 90% length of web member. Attach w/3.0" nails @ 6" oc.
Bracing material supplied by Erection Contractor.

Special Loads

Resid.Ld[3SL]- 7
(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	42.91	42/ 0/ 0/ 3
BC:	0.00	0/ 0/ 0/ 7	42.91	0/ 0/ 0/ 7

TC: 394/0/0/40 lb Conc. Load at 6.03
TC: 198/0/0/16 lb Conc. Load at 8.06,10.06,12.06,14.06 16.06,18.06,20.06,22.06,24.06,26.06,28.06,30.06 32.06,34.06,36.06,38.06,40.06,42.06
BC: 0/0/0/29 lb Conc. Load at 2.06
BC: 2/0/0/39 lb Conc. Load at 4.06
BC: 31/0/0/42 lb Conc. Load at 6.06, 8.06,10.06,12.06 14.06,16.06,18.06,20.06,22.06,24.06,26.06,28.06 30.06,32.06,34.06,36.06,38.06,40.06,42.06

Plating Notes

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

Plates designed for fabrication using seasoned lumber.

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

Additional Notes

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

Warning: Component is designed to bear at specific locations.

Plate Shift Table

JT No	Plate Size	Shift	Chord Bite	JT No	Plate Size	Shift	Chord Bite
[6]	6X8	2.75 R	3.50	[7]	5X16	O	2.25
[9]	5X16	O	2.25	[10]	4X14	O	2.25
[12]	3X4	S	2.25	[13]	5X14	4.00 R	2.25
[15]	4X5	S	2.25	[16]	5X6	2.50 L	2.25
[18]	5X6	2.50 R	2.25	[19]	5X14	O	2.25
[20]	5X12	O	2.25	[21]	4X5	O	3.25

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)
TC	24	6.00	42.91
BC	37	0.00	42.91

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

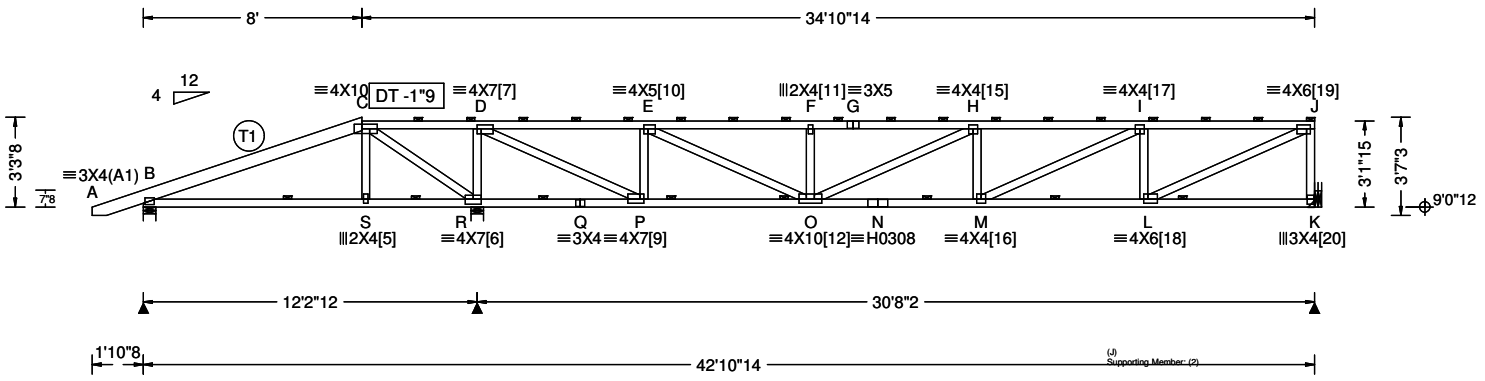
brg	x-loc	#blocks	length/blk	#nails/blk
1	12.000'	1	13"	23

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

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

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10143 / T34 / HIPM FROM: AA	Ply: 1 Qty: 1 Wgt: 229.6 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR11	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.333	G	999	360
VERT(TL): 0.520	G	711	360
HORZ(LL): -0.051	J	-	-
HORZ(TL): -0.080	J	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.75
Max BC CSI: 0.98
Max Web CSI: 0.41

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 222	/ 0	/ 23	/ 364	/ 0	/ 0
R	/ 2438	/ 0	/ 580	/ 4382	/ 0	/ 0
K	/ 1122	/ 0	/ 265	/ 2015	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	F - G	0	-4097
B - C	1633	0	G - H	0	-4097
C - D	3330	0	H - I	0	-4728
D - E	0	-1319	I - J	0	-3453
E - F	0	-4097			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - S	0	-1394	O - N	4773	0
S - R	0	-1385	N - M	4773	0
R - Q	0	-3030	M - L	3606	0
Q - P	0	-3030	L - K	0	0
P - O	1527	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - S	182	0	O - H	0	-751
C - R	0	-2380	H - M	9	-451
R - D	0	-2957	M - I	1251	0
D - P	4850	0	I - L	0	-1514
P - E	0	-2053	L - J	3815	0
E - O	2852	0	J - K	0	-1968
F - O	0	-802			

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E :T1 2x6 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. 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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[5]	2X4	S		1.75	[6]	4X7	S		2.25
[7]	4X7	1.75	L	1.75	[9]	4X7	1.75	R	1.75
[10]	4X5	3.25	R	1.75	[11]	2X4	S		1.75
[12]	4X10	S		1.75	[15]	4X4	S		1.75
[16]	4X4	S		1.75	[17]	4X4	S		1.75
[18]	4X6	1.75	L	1.75	[19]	4X6	1.75	R	1.75
[20]	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)
TC	24	8.00	42.91
BC	57	0.00	42.91

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

Additional Notes

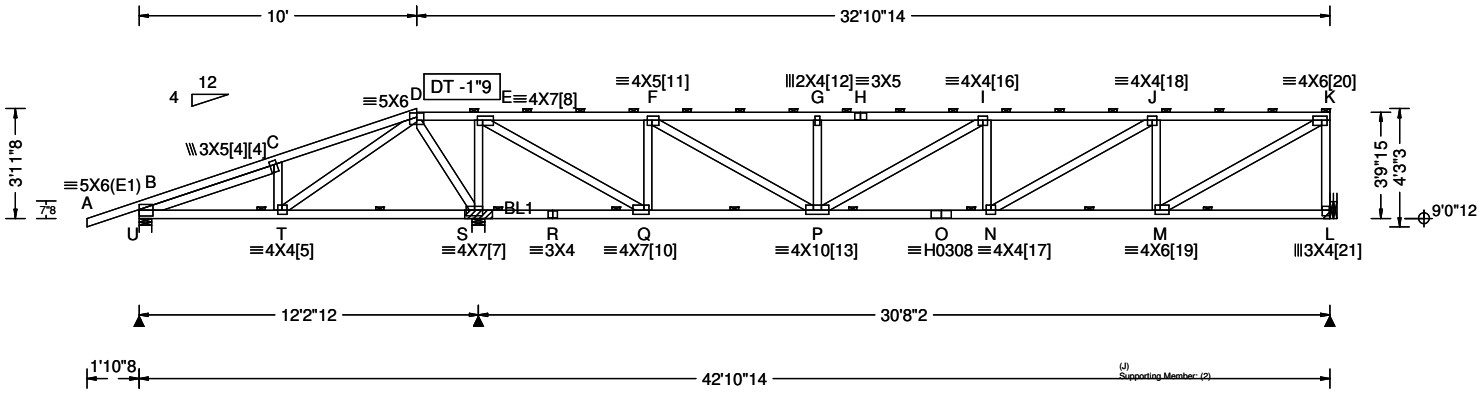
Interaction equation as per Clause 6.5.10 of CSA-O86-14.

Warning: Component is designed to bear at specific locations.

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

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10148 / T33 / HIPM FROM: AA	Ply: 1 Qty: 1 Wgt: 243.6 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR12	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.234	H	999	360
VERT(TL): 0.366	H	999	360
HORZ(LL): -0.048	K	-	-
HORZ(TL): -0.076	K	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.66
Max BC CSI: 0.93
Max Web CSI: 0.32

VIEW Ver: 18.02.01A.0205.19

▲Bearing Locations

Loc	Ht	/ W
U	9'0"12	/ 5"8
S	9'0"12	/ 5"8
L	9'0"12	/ -

▲Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
U	/ 153	/ 0	/ 6	/ 239	/ 0	/ 0
S	/ 2534	/ 0	/ 603	/ 4556	/ 0	/ 0
L	/ 1095	/ 0	/ 258	/ 1966	/ 0	/ 0

Lumber

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

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 5.125'

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[4]	3X5	1.25	R	1.75	[5]	4X4	2.25	R	1.75
[7]	4X7	S		2.25	[8]	4X7	2.25	L	1.75
[10]	4X7	2.25	R	1.75	[11]	4X5	2.00	L	1.75
[12]	2X4	S		1.75	[13]	4X10	S		1.75
[16]	4X4	S		1.75	[17]	4X4	S		1.75
[18]	4X4	S		1.75	[19]	4X6	2.25	L	1.75
[20]	4X6	2.25	R	1.75	[21]	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)
TC	24	10.00	42.91
BC	57	0.00	42.91

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	12.000'	1	12"	3

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

Additional Notes

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

Warning: Component is designed to bear at specific locations.

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	F - G	0	-3074
B - C	1041	0	G - H	0	-3074
C - D	1136	0	H - I	0	-3074
D - E	3127	0	I - J	0	-3673
E - F	0	-733	J - K	0	-2723

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - T	0	-860	P - O	3706	0
T - S	0	-2208	O - N	3706	0
S - R	0	-2892	N - M	2843	0
R - Q	0	-2892	M - L	0	0
Q - P	907	0			

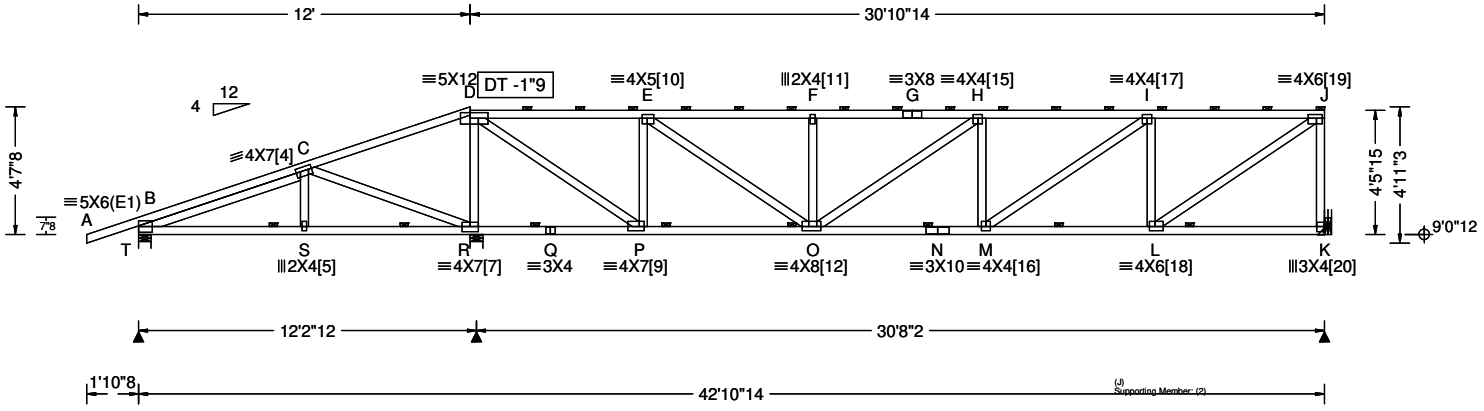
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - T	0	-810	G - P	0	-798
T - D	1504	0	P - I	0	-735
D - S	0	-1831	I - N	18	-402
S - E	0	-2846	N - J	972	0
E - Q	4242	0	J - M	0	-1464
Q - F	0	-2117	M - K	3146	0
F - P	2519	0	K - L	0	-1921

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

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10154 / T22 / HIPM FROM: AA	Ply: 1 Qty: 1 Wgt: 245.0 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR13	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.227	G	999	360
VERT(TL): 0.355	G	999	360
HORZ(LL): -0.037	J	-	-
HORZ(TL): -0.057	J	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.64
Max BC CSI: 0.98
Max Web CSI: 0.58

VIEW Ver: 18.02.01A.0205.19

Lumber

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

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 6.179'

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[4]	4X7	5.09	R	1.75	[5]	2X4	S		1.75
[7]	4X7	S		2.25	[9]	4X7	2.00	R	1.75
[10]	4X5	2.25	L	1.75	[11]	2X4	S		1.75
[12]	4X8	1.75	R	1.75	[15]	4X4	S		1.75
[16]	4X4	S		1.75	[17]	4X4	S		1.75
[18]	4X6	2.50	L	1.75	[19]	4X6	2.50	R	1.75
[20]	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)
TC	24	12.00	42.91
BC	63	0.00	42.91

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.

Warning: Component is designed to bear at specific locations.

▲ Bearing Locations

Loc	Ht / W
T	9'0"12 / 5"8
R	9'0"12 / 5"8
K	9'0"12 / -

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
T	/ 212	/ 0	/ 19	/ 343	/ 0	/ 0
R	/ 2446	/ 0	/ 583	/ 4399	/ 0	/ 0
K	/ 1125	/ 0	/ 265	/ 2019	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	F - G	0	-2803
B - C	992	-36	G - H	0	-2803
C - D	2554	0	H - I	0	-3249
D - E	0	-928	I - J	0	-2374
E - F	0	-2803			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - S	0	-789	O - N	3281	0
S - R	0	-787	N - M	3281	0
R - Q	0	-2336	M - L	2479	0
Q - P	0	-2336	L - K	0	0
P - O	1074	0			

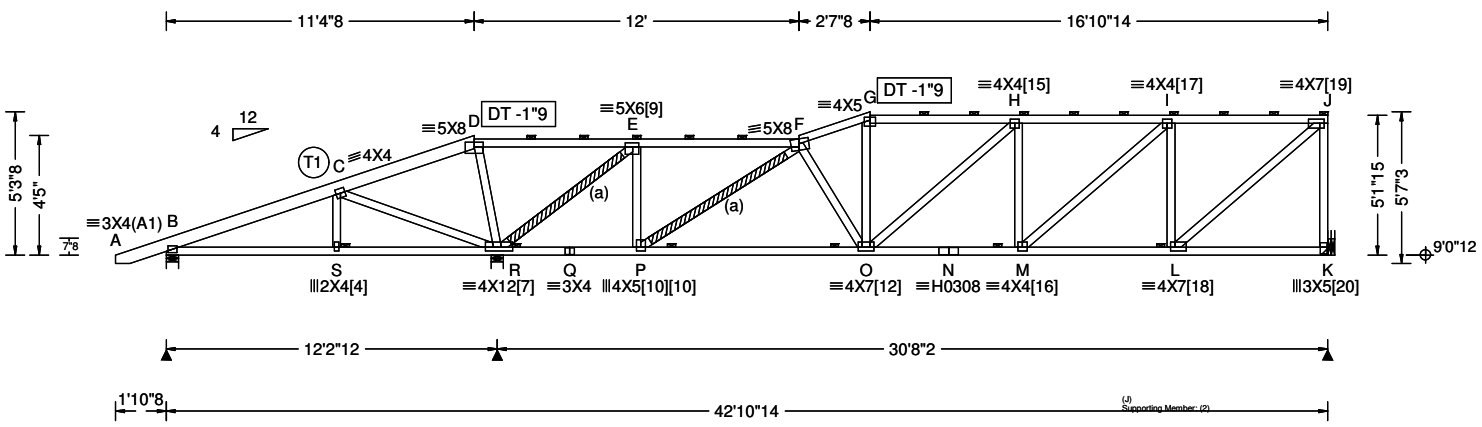
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - S	115	0	O - H	0	-584
C - R	0	-1658	H - M	10	-452
D - R	0	-3682	M - I	950	0
D - P	3972	0	I - L	0	-1514
P - E	0	-2179	L - J	2879	0
E - O	2114	0	J - K	0	-1974
F - O	0	-767			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10198 / T29 / SPEC FROM: AA	Ply: 1 Qty: 1 Wgt: 254.8 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR14	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.132	N	999	360
VERT(TL): 0.207	N	999	360
HORZ(LL): 0.031	L	-	-
HORZ(TL): 0.048	L	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.95
Max BC CSI: 0.37
Max Web CSI: 1.00

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 251	/ 0	/ 31	/ 417	/ 0	/ 0
R	/ 2409	/ 0	/ 571	/ 4329	/ 0	/ 0
K	/ 1122	/ 0	/ 265	/ 2015	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	F - G	0	-2726
B - C	881	0	G - H	0	-2526
C - D	2341	0	H - I	0	-2746
D - E	2419	0	I - J	0	-1914
E - F	0	-706			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - S	0	-687	O - N	2782	0
S - R	0	-691	N - M	2782	0
R - Q	598	0	M - L	2006	0
Q - P	598	0	L - K	0	0
P - O	2559	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
S - C	130	0	O - G	408	0
C - R	0	-1578	O - H	0	-348
D - R	0	-1264	H - M	0	-590
R - E	0	-3861	M - I	1001	0
E - P	1410	0	I - L	0	-1545
P - F	0	-2260	L - J	2529	0
F - O	42	-49	J - K	0	-1975

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E :T1 2x6 SPF 2100Fb-1.8E:
Bot Chord 2x4 SPF 2100Fb-1.8E
Webs 2x4 SPF 2100Fb-1.8E

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[4]	2X4	S		1.75	[7]	4X12	3.47	L	1.75
[9]	5X6	2.75	R	1.75	[10]	4X5	2.25	R	1.75
[12]	4X7	S		1.75	[15]	4X4	S		1.75
[16]	4X4	S		1.75	[17]	4X4	S		1.75
[18]	4X7	2.00	L	1.75	[19]	4X7	2.00	R	1.75
[20]	3X5	S		3.00					

Purlins

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

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	24	11.38	23.38
TC	24	26.00	42.91
BC	75	0.00	42.91

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.

R/E vertical may not be exposed to horiz. wind pressure.

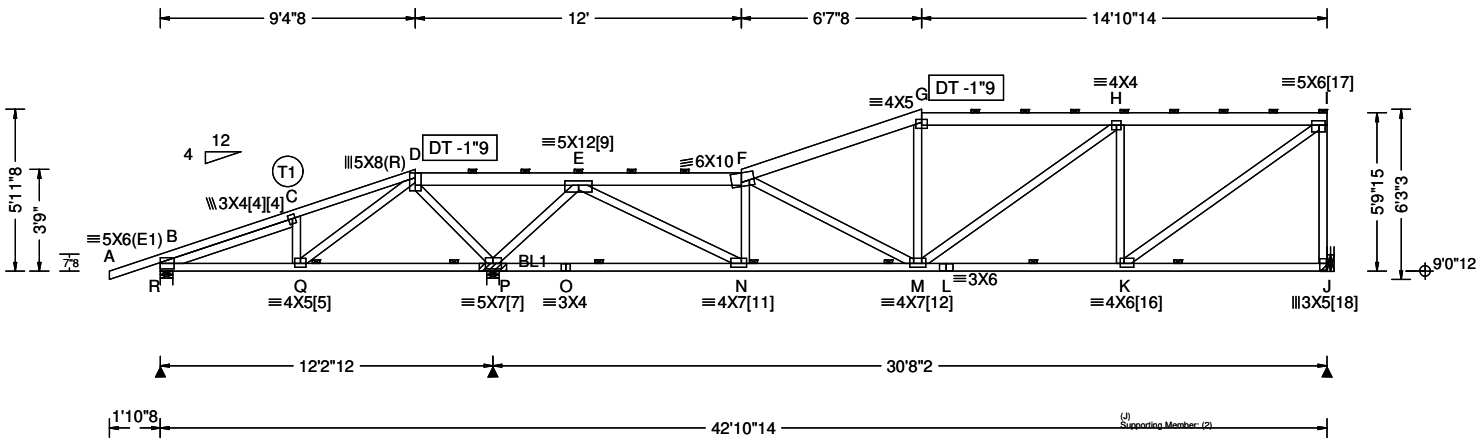
Warning: Component is designed to bear at specific locations.

Flat roof factor used in this truss design.

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

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10189 / T28 / SPEC FROM: AA	Ply: 1 Qty: 1 Wgt: 268.8 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR15	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.116	L	999	360
VERT(TL): 0.182	L	999	360
HORZ(LL): -0.020	I	-	-
HORZ(TL): -0.032	I	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.49
Max BC CSI: 0.97
Max Web CSI: 0.72

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

Loc	Ht	/ W
R	9'0"12	/ 5"8
P	9'0"12	/ 5"8
J	9'0"12	/ -

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
R	/ 272	/ 0	/ 33	/ 450	/ 0	/ 0
P	/ 2381	/ 0	/ 568	/ 4282	/ 0	/ 0
J	/ 1130	/ 0	/ 266	/ 2029	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	E - F	0	-2605
B - C	513	-42	F - G	0	-2717
C - D	594	0	G - H	0	-2448
D - E	2824	0	H - I	0	-2143

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - Q	0	-374	N - M	2600	0
Q - P	0	-1507	M - L	2219	0
P - O	0	-319	L - K	2219	0
O - N	0	-319	K - J	0	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - Q	0	-718	F - M	0	-176
Q - D	1286	0	M - G	106	0
D - P	0	-2022	M - H	279	0
P - E	0	-3591	H - K	0	-1421
E - N	3319	0	K - I	2656	0
F - N	0	-1448	I - J	0	-1977

Lumber

Top Chord 2x6 SPF 2100Fb-1.8E :T1 2x4 SPF 2100Fb-1.8E:
Bot Chord 2x4 SPF 2100Fb-1.8E
Webs 2x4 SPF 2100Fb-1.8E

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 5.125'

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[4]	3X4	1.25	R	1.75	[5]	4X5	S		1.75
[7]	5X7	3.25	L	2.50	[9]	5X12	S		2.00
[11]	4X7	2.25	R	1.75	[12]	4X7	S		1.75
[16]	4X6	1.75	L	1.75	[17]	5X6	2.75	R	2.00
[18]	3X5	S		3.00					

Purlins

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

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	24	9.38	21.38
TC	24	28.00	42.91
BC	69	0.00	42.91

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	12.000'	1	12"	9

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

Additional Notes

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

R/E vertical may not be exposed to horiz. wind pressure.

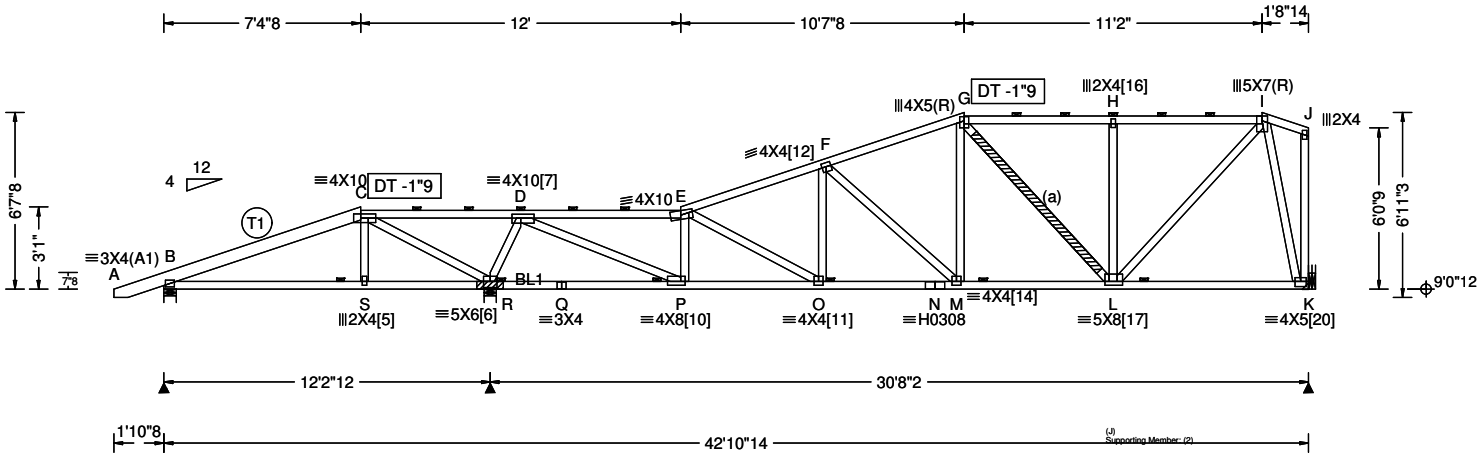
Warning: Component is designed to bear at specific locations.

Flat roof factor used in this truss design.

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

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10180 / T7 / SPEC FROM: AA	Ply: 1 Qty: 1 Wgt: 261.8 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR16	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.154	O	999	360
VERT(TL): 0.241	O	999	360
HORZ(LL): -0.033	I	-	-
HORZ(TL): -0.051	I	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.99
Max BC CSI: 0.80
Max Web CSI: 0.91

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 466	/ 0	/ 63	/ 779	/ 0	/ 200
R	/ 2208	/ 0	/ 527	/ 3971	/ 0	/ 0
K	/ 1179	/ 0	/ 278	/ 2117	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	F - G	0	-2635
B - C	599	-5	G - H	0	-1943
C - D	2323	0	H - I	0	-1943
D - E	0	-2886	I - J	33	-33
E - F	0	-3303			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - S	0	-431	O - N	3036	0
S - R	0	-423	N - M	3036	0
R - Q	0	-1112	M - L	2349	0
Q - P	0	-1112	L - K	541	0
P - O	2881	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - S	141	0	F - M	21	-1046
C - R	0	-2169	M - G	802	0
R - D	0	-3061	G - L	60	-789
D - P	4368	0	H - L	0	-971
E - P	0	-1676	L - I	2099	0
E - O	266	-87	I - K	0	-2022
O - F	130	-38	J - K	0	-117

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E :T1 2x6 SPF 2100Fb-1.8E:
Bot Chord 2x4 SPF 2100Fb-1.8E
Webs 2x4 SPF 2100Fb-1.8E

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[5]	2X4	S		1.75	[6]	5X6	S		2.75
[7]	4X10	4.00	L	1.75	[10]	4X8	2.00	R	1.75
[11]	4X4	S		1.75	[12]	4X4	S		1.75
[14]	4X4	S		1.75	[16]	2X4	S		2.25
[17]	5X8	2.50	R	1.75	[20]	4X5	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)
TC	24	7.38	19.38
TC	24	30.00	41.17
BC	75	0.00	42.91

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	12.000'	1	12"	5

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

Additional Notes

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

R/E vertical may not be exposed to horiz. wind pressure.

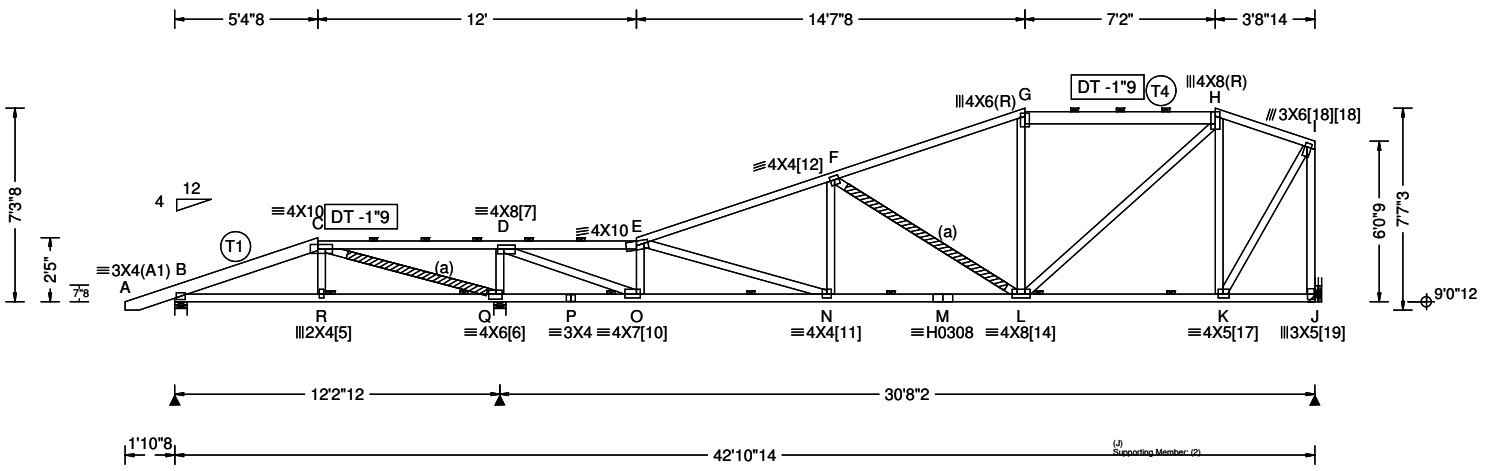
Warning: Component is designed to bear at specific locations.

Flat roof factor used in this truss design.

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

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10177 / T15 / SPEC FROM: AA	Ply: 1 Qty: 1 Wgt: 257.6 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR17	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in		loc	L/defl	L/D
VERT(LL):	0.171	N	999	360
VERT(TL):	0.267	N	999	360
HORZ(LL):	0.029	K	-	-
HORZ(TL):	0.046	K	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.83
Max BC CSI: 0.96
Max Web CSI: 0.80

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E :T1, T4 2x6 SPF 2100Fb-1.8E:
Bot Chord 2x4 SPF 2100Fb-1.8E
Webs 2x4 SPF 2100Fb-1.8E

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[5]	2X4	S		1.75	[6]	4X6	2.75	R	2.25
[7]	4X8	2.75	L	1.75	[10]	4X7	1.75	R	1.75
[11]	4X4	S		1.75	[12]	4X4	S		1.75
[14]	4X8	S		1.75	[17]	4X5	2.25	L	1.75
[18]	3X6	2.00	R	1.75	[19]	3X5	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)
TC	24	5.38	17.38
TC	24	32.00	39.17
BC	66	0.00	42.91

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.

R/E vertical may not be exposed to horiz. wind pressure.

Warning: Component is designed to bear at specific locations.

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 460	/ 0	/ 70	/ 778	/ 0	/ 0
Q	/ 2161	/ 0	/ 515	/ 3886	/ 0	/ 0
J	/ 1200	/ 0	/ 283	/ 2155	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	E - F	0	-3594
B - C	114	-339	F - G	0	-2421
C - D	2482	0	G - H	0	-2135
D - E	0	-2715	H - I	0	-1076

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - R	212	-100	N - M	3286	0
R - Q	219	-93	M - L	3286	0
Q - P	0	-2046	L - K	1022	0
P - O	0	-2046	K - J	0	0
O - N	2709	0			

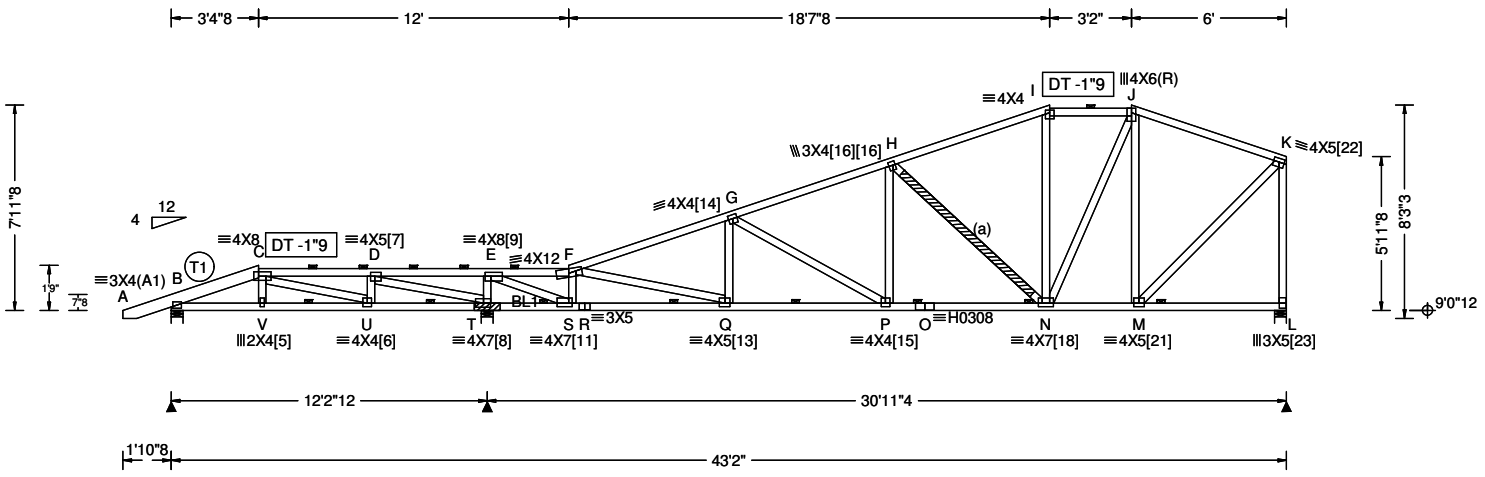
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - R	121	0	F - L	0	-1476
C - Q	0	-2658	L - G	93	-198
Q - D	0	-3006	L - H	1529	0
D - O	5120	0	H - K	0	-1488
E - O	0	-1827	K - I	1864	0
E - N	599	0	I - J	0	-2143
N - F	122	-28			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10169 / T14 / SPEC	Ply: 1	42148	
FROM: AA	Qty: 1	Wood Creek (Lot#34) Roof Trusses	DRW:
Page 1 of 2	Wgt: 264.6 lbs	TR18	... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.163	G	999	360
VERT(TL): 0.255	G	999	360
HORZ(LL): 0.037	M	-	-
HORZ(TL): 0.058	M	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.59
Max BC CSI: 1.00
Max Web CSI: 0.67

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E :T1 2x6 SPF 2100Fb-1.8E:
Bot Chord 2x4 SPF 2100Fb-1.8E
Webs 2x4 SPF 2100Fb-1.8E

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[5]	2X4	S		1.75	[6]	4X4	S		1.75
[7]	4X5	2.00	L	1.75	[8]	4X7	3.25	R	2.00
[9]	4X8	2.75	L	1.75	[11]	4X7	1.75	R	1.75
[13]	4X5	2.25	R	1.75	[14]	4X4	S		1.75
[15]	4X4	S		1.75	[16]	3X4	2.00	L	1.75
[18]	4X7	S		1.75	[21]	4X5	S		1.75
[22]	4X5	S		1.75	[23]	3X5	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)
TC	24	3.38	15.38
TC	24	34.00	37.17
BC	60	0.00	43.17

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	12.000'	1	12"	3

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

Additional Notes

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

R/E vertical may not be exposed to horiz. wind pressure.

Warning: Component is designed to bear at specific locations.

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 485	/ 0	/ 80	/ 828	/ 0	/ 0
T	/ 2110	/ 0	/ 503	/ 3794	/ 0	/ 0
L	/ 1229	/ 0	/ 290	/ 2207	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	F - G	0	-3942
B - C	0	-745	G - H	0	-3258
C - D	225	0	H - I	0	-2094
D - E	3258	0	I - J	0	-1848
E - F	0	-1974	J - K	0	-1533

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - V	627	0	Q - P	3641	0
V - U	632	0	P - O	2943	0
U - T	0	-287	O - N	2943	0
T - S	0	-2664	N - M	1389	0
S - R	1968	0	M - L	0	0
R - Q	1968	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - V	70	0	G - P	0	-851
C - U	0	-823	P - H	549	0
U - D	295	0	H - N	0	-1544
D - T	0	-3116	N - I	136	-43
T - E	0	-2768	N - J	1149	0
E - S	5066	0	J - M	0	-1236
F - S	0	-2028	M - K	1889	0

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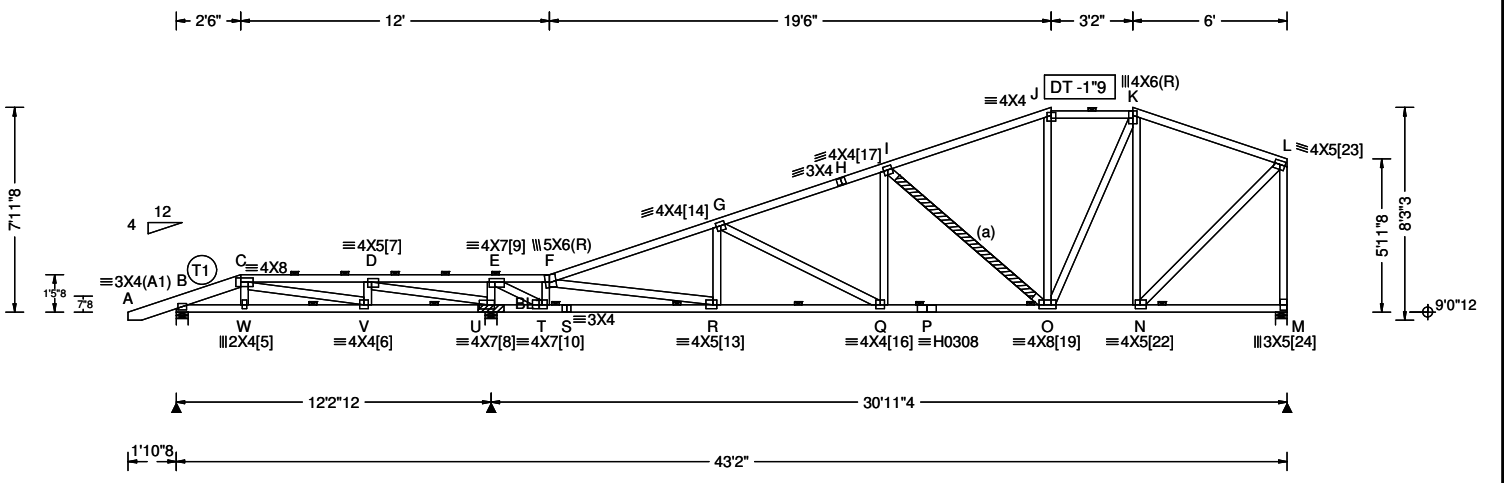
F - Q	1698	0	K - L	0	- 2166
Q - G	58	- 265			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10172 / T30 / SPEC	Ply: 1	42148	
FROM: AA	Qty: 1	Wood Creek (Lot#34) Roof Trusses	DRW:
Page 1 of 2	Wgt: 263.9 lbs	TR19	... / ... 05/27/2020



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: 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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.170	H	999	360
VERT(TL): 0.266	H	999	360
HORZ(LL): 0.044	N	-	-
HORZ(TL): 0.069	N	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.85
Max BC CSI: 0.99
Max Web CSI: 0.69

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 527	/ 0	/ 98	/ 914	/ 0	/ 0
U	/ 2088	/ 0	/ 513	/ 3774	/ 0	/ 0
M	/ 1244	/ 0	/ 293	/ 2233	/ 0	/ 0

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E :T1 2x6 SPF 2100Fb-1.8E:
Bot Chord 2x4 SPF 2100Fb-1.8E
Webs 2x4 SPF 2100Fb-1.8E

Bracing

(a) #3 or better scab brace. Same size & 90% length of web member. Attach w/3.0" nails @ 6" oc.
Bracing material supplied by Erection Contractor.

Special Loads

Resid.Ld[3SL]- 6
(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	2.56	85/ 0/ 0/ 6
TC:	2.56	42/ 0/ 0/ 3	11.94	42/ 0/ 0/ 3
TC:	11.94	85/ 0/ 0/ 6	43.17	85/ 0/ 0/ 6
BC:	0.00	0/ 0/ 0/14	2.56	0/ 0/ 0/14
BC:	2.56	0/ 0/ 0/ 7	11.94	0/ 0/ 0/ 7
BC:	11.94	0/ 0/ 0/14	43.17	0/ 0/ 0/14

TC: 73/0/0/6 lb Conc. Load at 2.53, 4.56, 6.56, 8.56 10.56,11.94
BC: 0/0/0/15 lb Conc. Load at 2.56, 4.56, 6.56, 8.56 10.56,11.94

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.

Bearing Block(s)

Brg blocks:3.0" common nails

brg	x-loc	#blocks	length/blk	#nails/blk
2	12.000'	1	12"	3

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

Plate Shift Table

JT No	Plate Size	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[5]	2X4	S		1.75	[6]	4X4	S		1.75
[7]	4X5	1.75	L	1.75	[8]	4X7	3.25	R	2.00
[9]	4X7	2.50	L	1.75	[10]	4X7	2.50	R	1.75
[13]	4X5	1.75	R	1.75	[14]	4X4	S		1.75
[16]	4X4	S		1.75	[17]	4X4	S		1.75
[19]	4X8	S		1.75	[22]	4X5	2.25	L	1.75
[23]	4X5	S		1.75	[24]	3X5	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)
TC	24	2.50	14.50
TC	24	34.00	37.17
BC	62	0.00	43.17

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	0	-3400
B - C	0	-980	H - I	0	-3199
C - D	0	-711	I - J	0	-2136
D - E	3031	0	J - K	0	-1880
E - F	18	-939	K - L	0	-1554
F - G	0	-4140			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - W	842	0	R - Q	3843	0
W - V	847	0	Q - P	3071	0
V - U	695	0	P - O	3071	0
U - T	0	-2340	O - N	1409	0
T - S	1457	0	N - M	0	0
S - R	1457	0			

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - W	79	0	G - Q	0	-912
C - V	54	-536	Q - I	553	0
V - D	175	0	I - O	0	-1624
D - U	0	-3371	O - J	133	-45
U - E	0	-2848	O - K	1178	0
E - T	3886	0	K - N	0	-1256

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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

SEQN: 10172 / T30 / SPEC FROM: AA Page 2 of 2	Ply: 1 Qty: 1 Wgt: 263.9 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR19	DRW: ... / ... 05/27/2020

Additional Notes

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

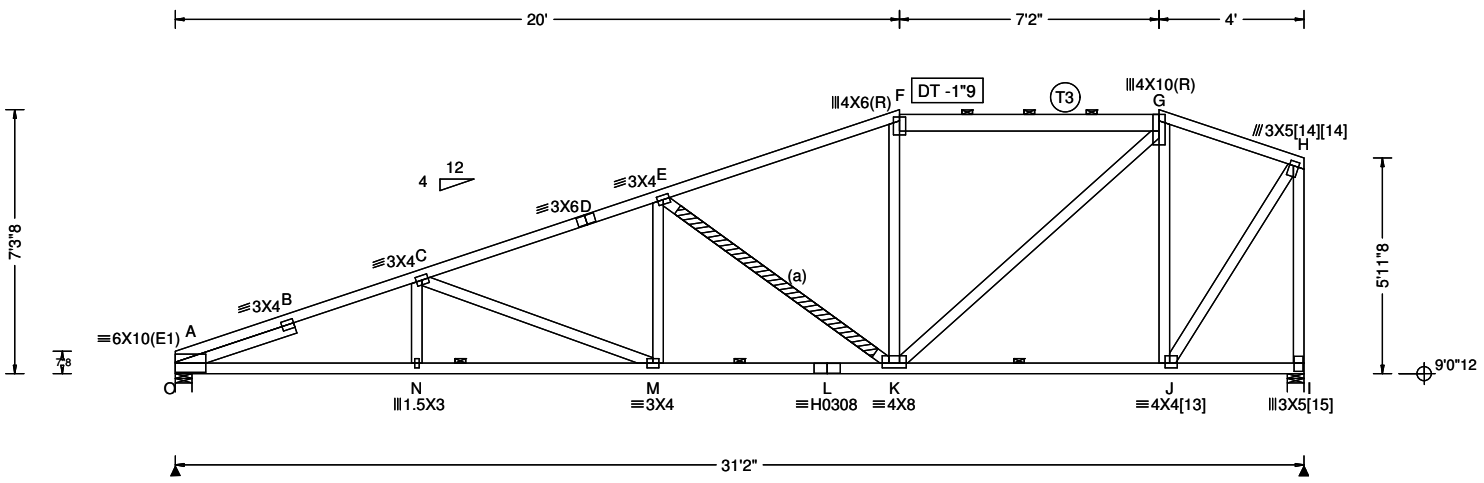
R/E vertical may not be exposed to horiz. wind pressure.

Warning: Component is designed to bear at specific locations.

T - F	0	-2129	N - L	1916	0
F - R	2402	0	L - M	0	-2192
R - G	52	-322			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10122 / T31 / HIPS FROM: AA	Ply: 1 Qty: 1 Wgt: 194.6 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR20	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.287	D	999	360
VERT(TL): 0.451	D	829	360
HORZ(LL): 0.070	J	-	-
HORZ(TL): 0.110	J	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.58
Max BC CSI: 0.44
Max Web CSI: 0.77

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E :T3 2x6 SPF 2100Fb-1.8E:
Bot Chord 2x4 SPF 2100Fb-1.8E
Webs 2x4 SPF 2100Fb-1.8E

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 3.445'

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.

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[13]	4X4	2.50	R	1.50	[14]	3X5	1.75	R	1.50
[15]	3X5	S		2.75					

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)
TC	24	20.00	27.17
BC	120	0.00	31.17

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.

R/E vertical may not be exposed to horiz. wind pressure.

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
O	/ 1316	/ 0	/ 311	/ 2364	/ 0	/ 0
I	/ 1316	/ 0	/ 311	/ 2364	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	0	- 5424	E - F	0	- 2780
B - C	0	- 5280	F - G	0	- 2495
C - D	0	- 4269	G - H	0	- 1266
D - E	0	- 4075			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - N	4941	0	L - K	3908	0
N - M	4937	0	K - J	1203	0
M - L	3908	0	J - I	0	0

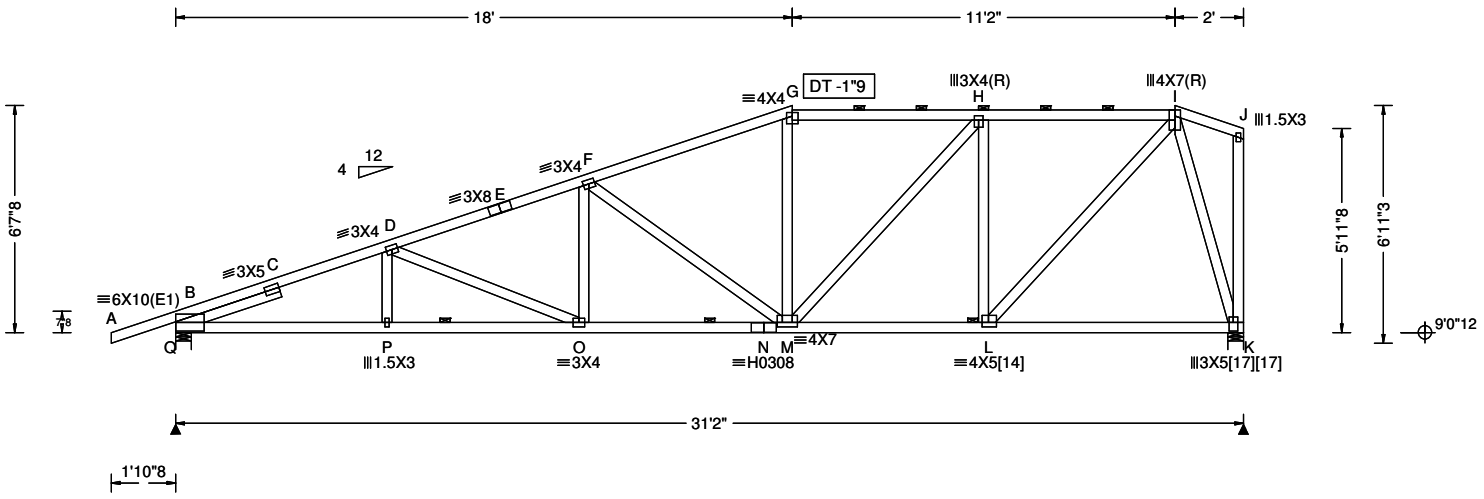
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
N - C	118	0	K - G	1774	0
C - M	0	- 1081	G - J	0	- 1619
M - E	527	0	J - H	2070	0
E - K	0	- 1765	H - I	0	- 2349
K - F	99	- 31			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10156 / T47 / HIPS FROM: AA	Ply: 1 Qty: 1 Wgt: 200.2 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR21	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.285	E	999	360
VERT(TL): 0.444	E	842	360
HORZ(LL): 0.071	K	-	-
HORZ(TL): 0.110	K	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.48
Max BC CSI: 0.49
Max Web CSI: 0.81

VIEW Ver: 18.02.01A.0205.19

Lumber

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

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 3.181'

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	Shift		Chord Bite	JT No	Plate Size	Shift	Chord Bite
[14]	4X5	2.25	L	1.50	[17]	3X5	S	3.00

Purlins

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

Chord	Spacing(in oc)	Start(ft)	End(ft)
TC	24	18.00	29.17
BC	120	0.00	31.17

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.

R/E vertical may not be exposed to horiz. wind pressure.

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
Q	/ 1479	/ 0	/ 323	/ 2624	/ 0	/ 0
K	/ 1312	/ 0	/ 311	/ 2357	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	F - G	0	-3180
B - C	0	-5336	G - H	0	-2880
C - D	0	-5188	H - I	0	-2227
D - E	0	-4476	I - J	39	-39
E - F	0	-4340			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - P	4837	0	N - M	4129	0
P - O	4835	0	M - L	2298	0
O - N	4129	0	L - K	693	0

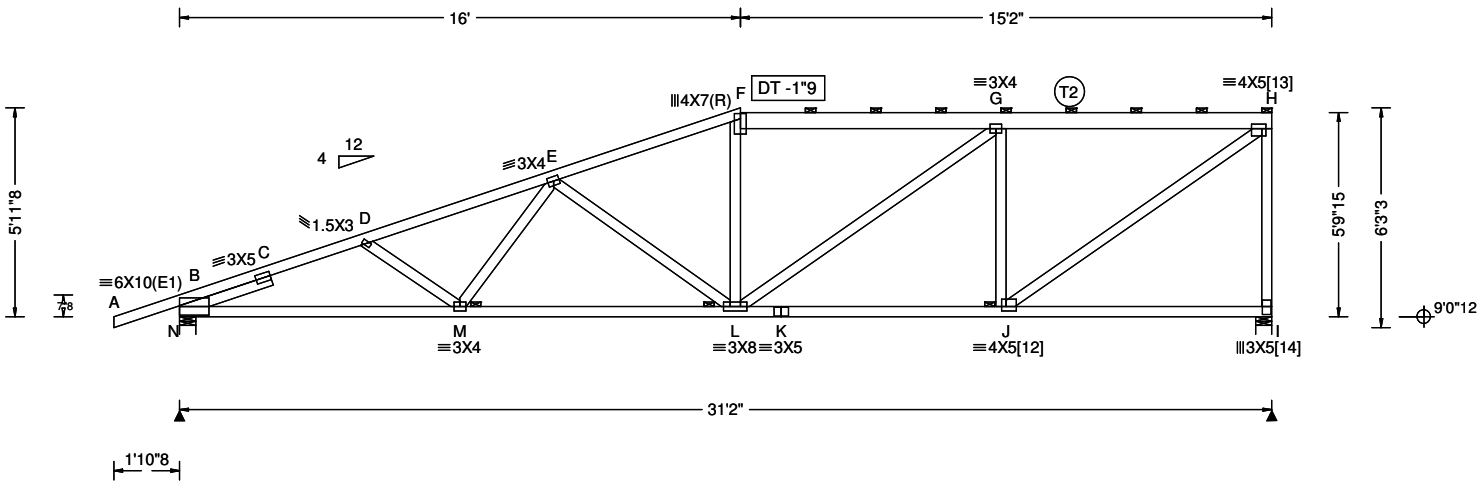
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
P - D	97	0	M - H	861	0
D - O	0	-744	H - L	0	-1627
O - F	425	0	L - I	2333	0
F - M	0	-1552	I - K	0	-2277
M - G	378	0	J - K	0	-134

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10147 / T27 / HIPM FROM: AA	Ply: 1 Qty: 1 Wgt: 187.6 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR22	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.231	E	999	360
VERT(TL): 0.360	E	999	360
HORZ(LL): 0.066	J	-	-
HORZ(TL): 0.103	J	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.44
Max BC CSI: 0.51
Max Web CSI: 0.50

VIEW Ver: 18.02.01A.0205.19

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 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 2.727'

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[12]	4X5	3.50	R	1.50	[13]	4X5	1.50	R	1.50
[14]	3X5	S		2.75					

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)
TC	24	16.00	31.17
BC	120	0.00	31.17

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.

R/E vertical may not be exposed to horiz. wind pressure.

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
N	/ 1479	/ 0	/ 323	/ 2624	/ 0	/ 0
I	/ 1312	/ 0	/ 311	/ 2357	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	E - F	0	-3626
B - C	0	-5373	F - G	0	-3330
C - D	0	-5214	G - H	0	-2624
D - E	0	-4888			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - M	4844	0	K - J	2717	0
M - L	4338	0	J - I	0	0
L - K	2717	0			

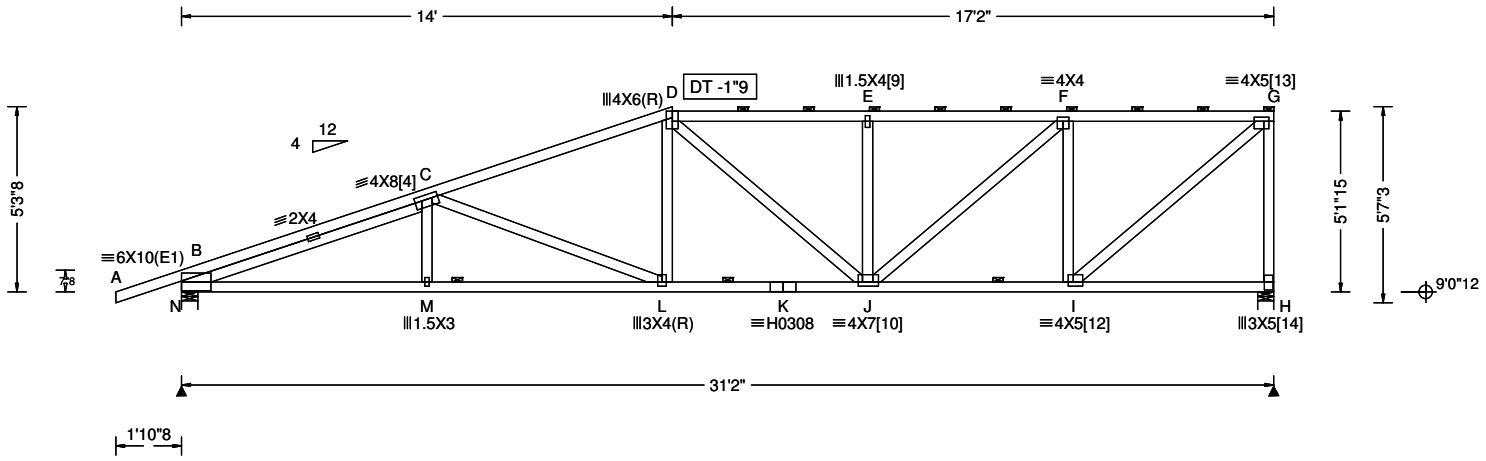
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
D - M	3	-363	L - G	748	0
M - E	390	0	G - J	0	-1744
E - L	0	-1250	J - H	3231	0
L - F	449	0	H - I	0	-2302

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10144 / T26 / HIPM FROM: AA	Ply: 1 Qty: 1 Wgt: 183.4 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR23	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.215	L	999	360
VERT(TL): 0.336	L	999	360
HORZ(LL): 0.074	I	-	-
HORZ(TL): 0.115	I	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.91
Max BC CSI: 0.44
Max Web CSI: 0.75

VIEW Ver: 18.02.01A.0205.19

Lumber

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

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 7.233'

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[4]	4X8	5.59	R	1.50	[9]	1.5X4	S		2.00
[10]	4X7	2.00	R	1.50	[12]	4X5	3.25	R	1.50
[13]	4X5	1.75	R	1.50	[14]	3X5	S		2.75

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)
TC	24	14.00	31.17
BC	120	0.00	31.17

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.

R/E vertical may not be exposed to horiz. wind pressure.

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
N	/ 1479	/ 0	/ 323	/ 2624	/ 0	/ 0
H	/ 1312	/ 0	/ 311	/ 2357	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	D - E	0	-3607
B - C	0	-5459	E - F	0	-3602
C - D	0	-4084	F - G	0	-2336

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - M	5008	0	K - J	3682	0
M - L	5010	0	J - I	2448	0
L - K	3682	0	I - H	0	0

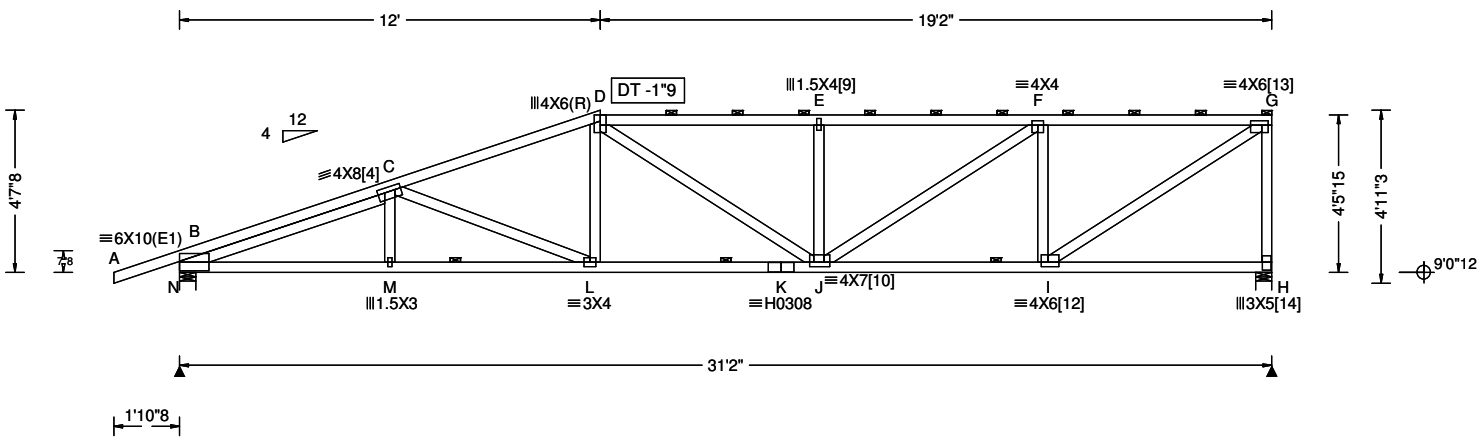
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - M	132	0	J - F	1531	0
C - L	0	-1386	F - I	0	-1877
L - D	630	0	I - G	3067	0
D - J	0	-106	G - H	0	-2316
E - J	0	-844			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10138 / T25 / HIPM FROM: AA	Ply: 1 Qty: 1 Wgt: 176.4 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR24	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.246	K	999	360
VERT(TL): 0.384	K	974	360
HORZ(LL): 0.074	I	-	-
HORZ(TL): 0.116	I	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.75
Max BC CSI: 0.43
Max Web CSI: 0.75

VIEW Ver: 18.02.01A.0205.19

Lumber

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

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 6.179'

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[4]	4X8	5.59	R	1.50	[9]	1.5X4	S		2.25
[10]	4X7	2.00	R	1.50	[12]	4X6	2.25	L	1.50
[13]	4X6	2.25	R	1.50	[14]	3X5	S		2.75

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)
TC	24	12.00	31.17
BC	120	0.00	31.17

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.

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
N	/ 1479	/ 0	/ 323	/ 2624	/ 0	/ 0
H	/ 1312	/ 0	/ 311	/ 2357	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	D - E	0	-4362
B - C	0	-5483	E - F	0	-4357
C - D	0	-4459	F - G	0	-2959

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - M	5029	0	K - J	4069	0
M - L	5031	0	J - I	3086	0
L - K	4069	0	I - H	0	0

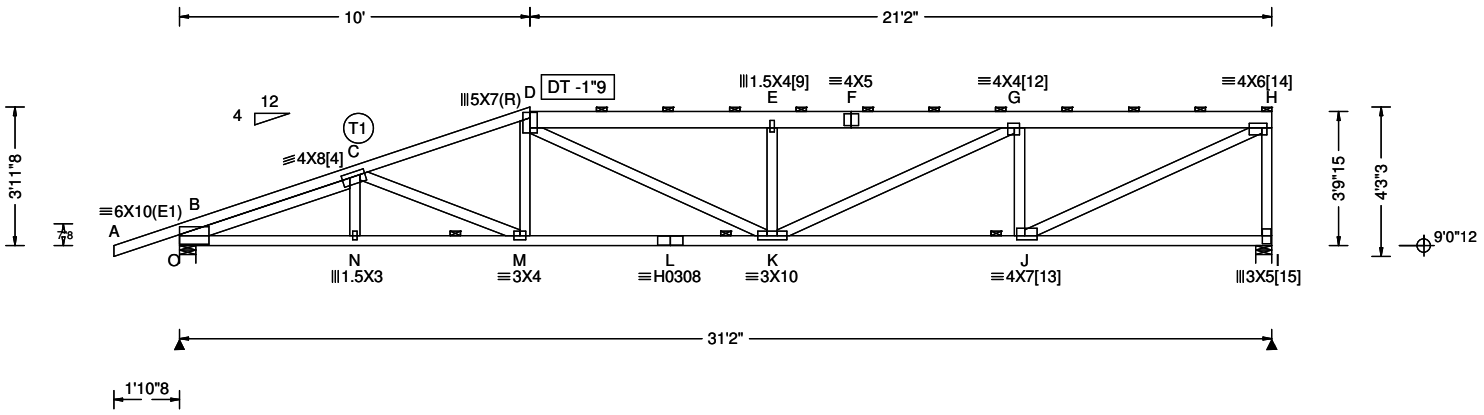
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - M	106	0	E - J	0	-945
C - L	0	-1000	F - I	0	-1824
L - D	498	0	I - G	3542	0
D - J	349	0	G - H	0	-2311
J - F	1533	0			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10135 / T24 / HIPM FROM: AA	Ply: 1 Qty: 1 Wgt: 184.8 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR25	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.289	L	999	360
VERT(TL): 0.451	L	829	360
HORZ(LL): 0.077	J	-	-
HORZ(TL): 0.120	J	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.44
Max BC CSI: 0.43
Max Web CSI: 0.50

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x6 SPF 2100Fb-1.8E :T1 2x4 SPF 2100Fb-1.8E:
Bot Chord 2x4 SPF 2100Fb-1.8E
Webs 2x4 SPF 2100Fb-1.8E

:Lt Slider 2x4 SPF 2100Fb-1.8E: BLOCK LENGTH = 5.125'

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	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[4]	4X8	5.34	R	1.50	[9]	1.5X4	S		2.50
[12]	4X4	1.75	R	1.50	[13]	4X7	2.75	L	1.50
[14]	4X6	1.75	R	1.50	[15]	3X5	S		2.75

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)
TC	24	10.00	31.17
BC	120	0.00	31.17

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.

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
O	/ 1479	/ 0	/ 323	/ 2624	/ 0	/ 0
I	/ 1312	/ 0	/ 311	/ 2357	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	E - F	0	-5432
B - C	0	-5458	F - G	0	-5432
C - D	0	-4843	G - H	0	-3872
D - E	0	-5441			

Maximum Bot Chord Forces Per Ply (lbs)

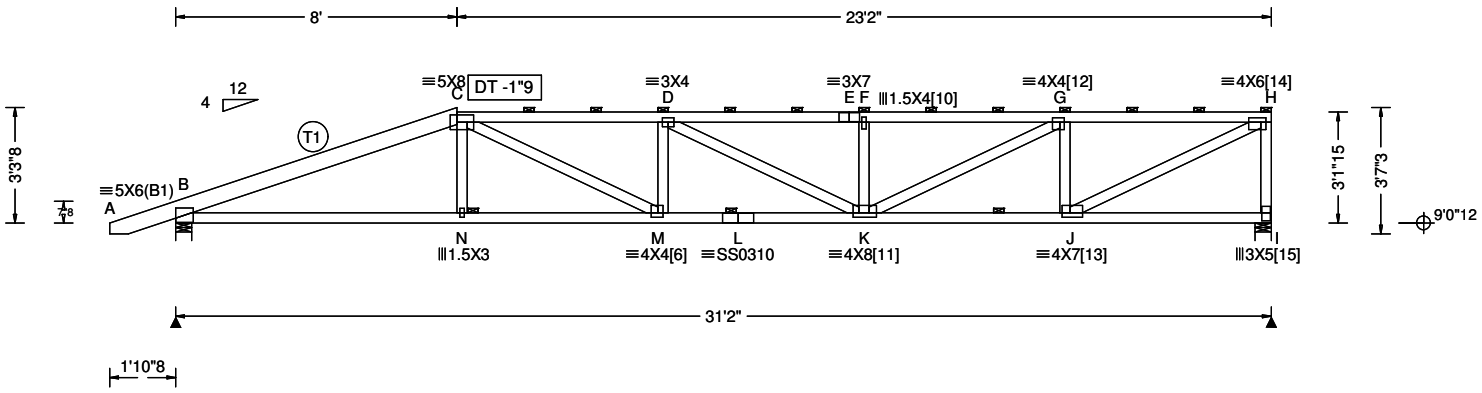
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - N	4997	0	L - K	4484	0
N - M	4998	0	K - J	4021	0
M - L	4484	0	J - I	0	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - N	77	0	E - K	0	-1071
C - M	0	-528	G - J	0	-1764
M - D	331	0	J - H	4311	0
D - K	1067	0	H - I	0	-2305
K - G	1578	0			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10115 / T23 / HIPM FROM: AA	Ply: 1 Qty: 1 Wgt: 169.4 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR26	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.431	L	867	360
VERT(TL): 0.673	L	556	360
HORZ(LL): 0.092	J	-	-
HORZ(TL): 0.143	J	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.80
Max BC CSI: 0.54
Max Web CSI: 0.33

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E :T1 2x6 SPF 2100Fb-1.8E:
Bot Chord 2x4 SPF 2100Fb-1.8E
Webs 2x4 SPF 2100Fb-1.8E

Plating Notes

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

Plates designed for fabrication using seasoned lumber.

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

Plate Shift Table

JT No	Plate Size	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[6]	4X4	1.75	R	1.50	[10]	1.5X4	S		1.75
[11]	4X8	2.50	R	1.50	[12]	4X4	1.50	R	1.50
[13]	4X7	2.75	L	1.50	[14]	4X6	1.75	R	1.50
[15]	3X5	S		2.75					

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)
TC	24	8.00	31.17
BC	120	0.00	31.17

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.

▲ 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	/ 1479	/ 0	/ 323	/ 2624	/ 0	/ 0
I	/ 1312	/ 0	/ 311	/ 2357	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	E - F	0	-6059
B - C	0	-5271	F - G	0	-6059
C - D	0	-6397	G - H	0	-3959
D - E	0	-6059			

Maximum Bot Chord Forces Per Ply (lbs)

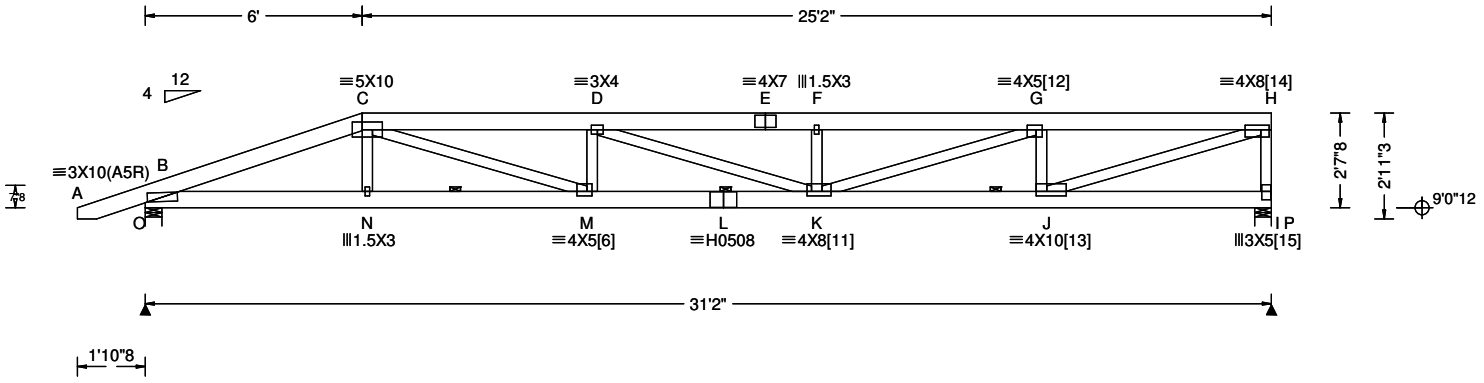
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - N	4813	0	L - K	6467	0
N - M	4818	0	K - J	4150	0
M - L	6467	0	J - I	0	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - N	131	0	F - K	0	-672
C - M	1768	0	G - J	0	-1886
M - D	0	-701	J - H	4429	0
D - K	0	-458	H - I	0	-2312
K - G	2147	0			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10106 / T36 / HIPM FROM: AA	Ply: 2 Qty: 1 Wgt: 403.2 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR27	DRW: ... / ... 05/27/2020



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
Is: 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: 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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.462	L	810	360
VERT(TL): 0.728	L	513	360
HORZ(LL): 0.074	C	-	-
HORZ(TL): 0.117	C	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.32
Max BC CSI: 0.50
Max Web CSI: 0.45

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
O	/ 2459	/ 0	/ 582	/ 4416	/ 0	/ 0
P	/ 2667	/ 0	/ 665	/ 4832	/ 0	/ 0

Lumber

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

Nailnote

Nail Schedule:3.0" common nails
TOP CHORD: 2 ROWS @16.00" o.c. (Each Row)
BOT CHORD: 2 ROWS @16.00" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

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

	From	S/ L/ W/ D plf	To	S/ L/ W/ D plf
TC:	-1.88	85/ 0/ 0/ 6	6.06	85/ 0/ 0/ 6
TC:	6.06	42/ 0/ 0/ 3	31.17	42/ 0/ 0/ 3
BC:	0.00	0/ 0/ 0/ 7	31.17	0/ 0/ 0/ 7

TC: 394/0/0/40 lb Conc. Load at 6.03
TC: 198/0/0/16 lb Conc. Load at 8.06,10.06,12.06,14.06 16.06,18.06,20.06,22.06,24.06,26.06,28.06,30.06 31.10
BC: 0/0/0/29 lb Conc. Load at 2.06
BC: 2/0/0/39 lb Conc. Load at 4.06
BC: 31/0/0/42 lb Conc. Load at 6.06, 8.06,10.06,12.06 14.06,16.06,18.06,20.06,22.06,24.06,26.06,28.06 30.06,31.10

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.

Additional Notes

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

Plate Shift Table

JT No	Plate Size	Shift		Chord Bite	JT No	Plate Size	Shift		Chord Bite
[6]	4X5	1.75	R	1.50	[11]	4X8	3.00	R	1.50
[12]	4X5	2.00	R	1.50	[13]	4X10	O		1.50
[14]	4X8	2.75	R	1.50	[15]	3X5	S		2.75

Purlins

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

Chord	Spacing(in oc)	Start(ft)	End(ft)
BC	120	0.00	31.17

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	40	0	E - F	0	-7747
B - C	0	-5382	F - G	0	-7747
C - D	0	-7706	G - H	0	-5201
D - E	0	-7747			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - N	5030	0	L - K	7806	0
N - M	5035	0	K - J	5421	0
M - L	7806	0	J - I	0	0

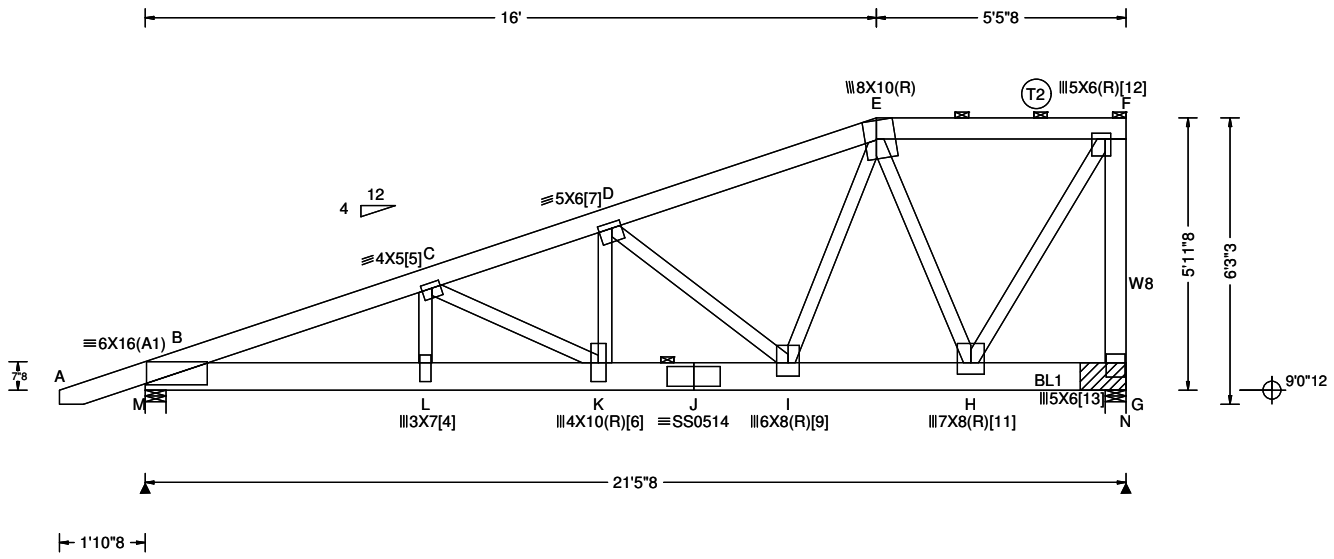
Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - N	100	0	K - G	2470	0
C - M	2827	0	G - J	0	-1644
M - D	0	-750	J - H	5508	0
D - K	7	-62	H - I	0	-2275
F - K	0	-628			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10199 / T37 / HIPM	Ply: 2	42148	
FROM: AA	Qty: 1	Wood Creek (Lot#34) Roof Trusses	DRW:
Page 1 of 2	Wgt: 343.0 lbs	TR28	... / ... 05/27/2020



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
Is: 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: 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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.280	K	918	360
VERT(TL): 0.439	K	586	360
HORZ(LL): 0.061	H	-	-
HORZ(TL): 0.095	H	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.54
Max BC CSI: 0.82
Max Web CSI: 0.81

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
M	/ 5058	/ 0	/ 1191	/ 9077	/ 0	/ 0
N	/ 6530	/ 0	/ 1522	/ 11698	/ 0	/ 0

Lumber

Top Chord 2x6 SPF 1650Fb-1.5E :T2 2x6 SPF 2100Fb-1.8E:
Bot Chord 2x8 SPF 1950Fb-1.7E
Webs 2x4 SPF 2100Fb-1.8E :W8 2x6 SPF 1650Fb-1.5E:

Nailnote

Nail Schedule:3.0" common nails
TOP CHORD: 2 ROWS @16.00" o.c. (Each Row)
BOT CHORD: 3 ROWS @ 6.75" o.c. (Each Row)
Webs : 1 Row @ 4" o.c.
Use equal spacing between rows and stagger nails in each row to avoid splitting.

Special Loads

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

	From	S/ L/ W/ D plf	To	S/ L/ W/ D plf
TC:	-1.88	85/ 0/ 0/ 6	6.13	85/ 0/ 0/ 6
TC:	6.13	42/ 0/ 0/ 3	16.06	42/ 0/ 0/ 3
TC:	16.06	85/ 0/ 0/ 6	21.46	85/ 0/ 0/ 6
BC:	0.00	0/ 0/ 0/14	6.13	0/ 0/ 0/14
BC:	6.13	0/ 0/ 0/ 7	21.46	0/ 0/ 0/ 7

BC: 2060/0/0/526 lb Conc. Load at 6.06
BC: 1123/0/0/265 lb Conc. Load at 8.06,14.06
BC: 1096/0/0/259 lb Conc. Load at 10.06
BC: 1125/0/0/265 lb Conc. Load at 12.06
BC: 1131/0/0/267 lb Conc. Load at 16.06
BC: 1180/0/0/278 lb Conc. Load at 18.06
BC: 1201/0/0/284 lb Conc. Load at 20.06

Plating Notes

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

Plates designed for fabrication using seasoned lumber.

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

Plate Shift Table

JT No	Plate Size	Shift	Chord Bite	JT No	Plate Size	Shift	Chord Bite
[4]	3X7	S	5.00	[5]	4X5	2.75 L	1.50
[6]	4X10	S	5.00	[7]	5X6	3.50 L	1.50
[9]	6X8	S	3.50	[11]	7X8	S	3.00
[12]	5X6	1.50 R	1.50	[13]	5X6	S	3.75

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)
TC	24	16.00	21.46
BC	120	0.00	21.46

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	21.000'	1	12"	32

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	40	0	D - E	0	-6406
B - C	0	-12062	E - F	0	-3210
C - D	0	-9780			

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - L	11358	0	J - I	9066	0
L - K	11296	0	I - H	4350	0
K - J	9066	0	H - G	0	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
L - C	1821	0	I - E	5034	0
C - K	0	-2322	E - H	0	-3208
K - D	3482	0	H - F	6051	0
D - I	0	-4027	F - G	0	-5309

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

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SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

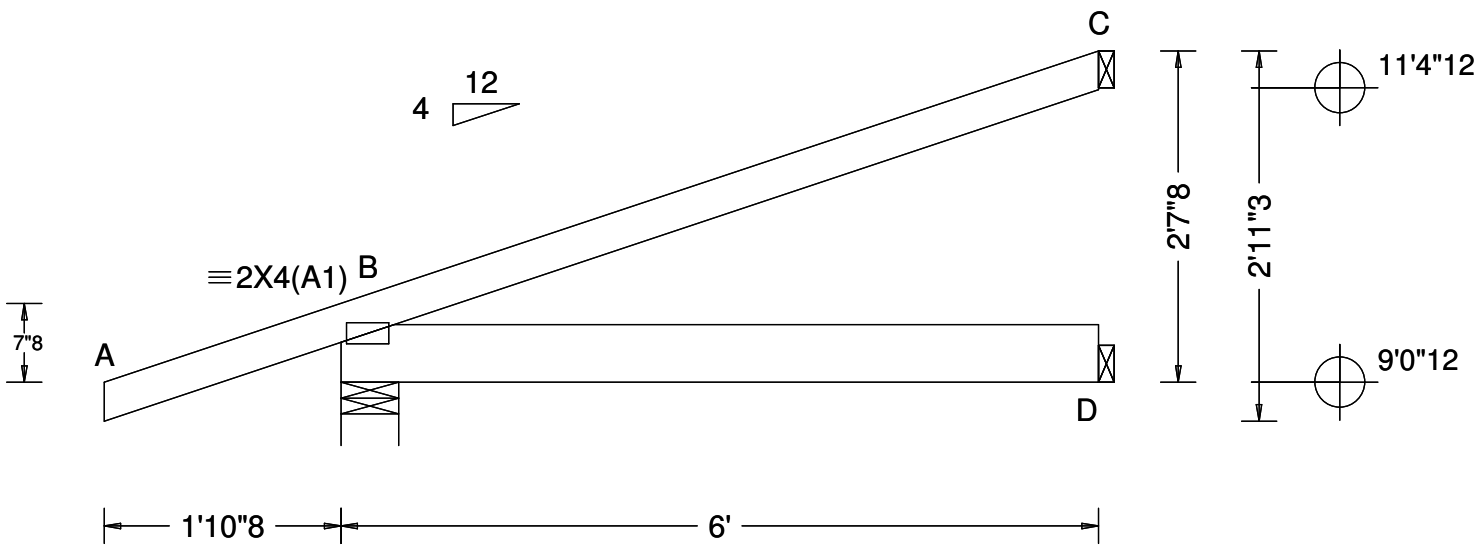
Additional Notes

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

R/E vertical may not be exposed to horiz. wind pressure.

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10103 / T12 / EJAC FROM: AA	Ply: 1 Qty: 45 Wgt: 26.6 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR29	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): NA			
VERT(TL): NA			
HORZ(LL): 0.008	D	-	-
HORZ(TL): 0.013	D	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.33
Max BC CSI: 0.10
Max Web CSI: 0.00

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E
Bot Chord 2x6 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	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.

▲ Bearing Locations

Loc	Ht / W
B	9'0"12 / 5"8
D	9'0"12 / 1"8
C	11'4"12 1"8

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 436	/ 0	/ 73	/ 746	/ 0	/ 0
D	/ 30	/ 0	/ 42	/ 98	/ 0	/ 0
C	/ 198	/ 0	/ 16	/ 317	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	B - C	100	- 141

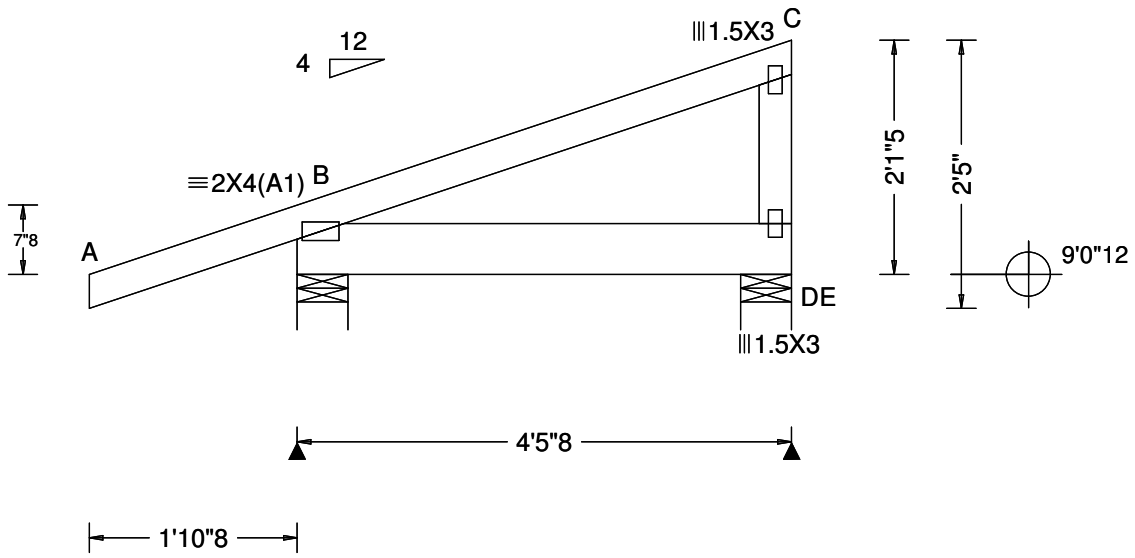
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	0	0

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10104 / T18 / MONO	Ply: 1	42148	
FROM: SKR	Qty: 2	Wood Creek (Lot#34) Roof Trusses	DRW:
	Wgt: 24.5 lbs	TR30	... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): NA			
VERT(TL): NA			
HORZ(LL): 0.003	D	-	-
HORZ(TL): 0.004	D	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.22
Max BC CSI: 0.03
Max Web CSI: 0.01

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 380	/ 0	/ 58	/ 642	/ 0	/ 0
E	/ 155	/ 0	/ 42	/ 285	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	B - C	73	- 103

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	0	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - D	0	- 231

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E
Bot Chord 2x6 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	53	0.00	4.46

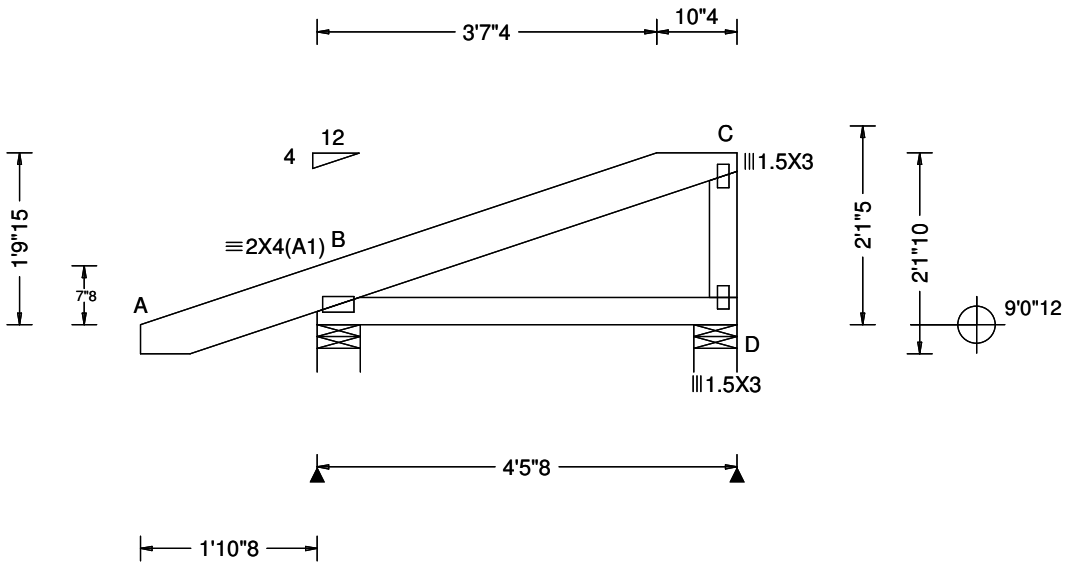
Apply purlins to any chords above or below fillers at 24" OC unless shown otherwise above.

Additional Notes

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

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10107 / T17 / SPEC FROM: SKR	Ply: 1 Qty: 1 Wgt: 26.6 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR31	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): NA			
VERT(TL): NA			
HORZ(LL): 0.002	D	-	-
HORZ(TL): 0.003	D	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.09
Max BC CSI: 0.04
Max Web CSI: 0.00

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x6 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	53	0.00	4.46

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.

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 380	/ 0	/ 58	/ 642	/ 0	/ 0
D	/ 155	/ 0	/ 42	/ 285	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	B - C	56	- 113

Maximum Bot Chord Forces Per Ply (lbs)

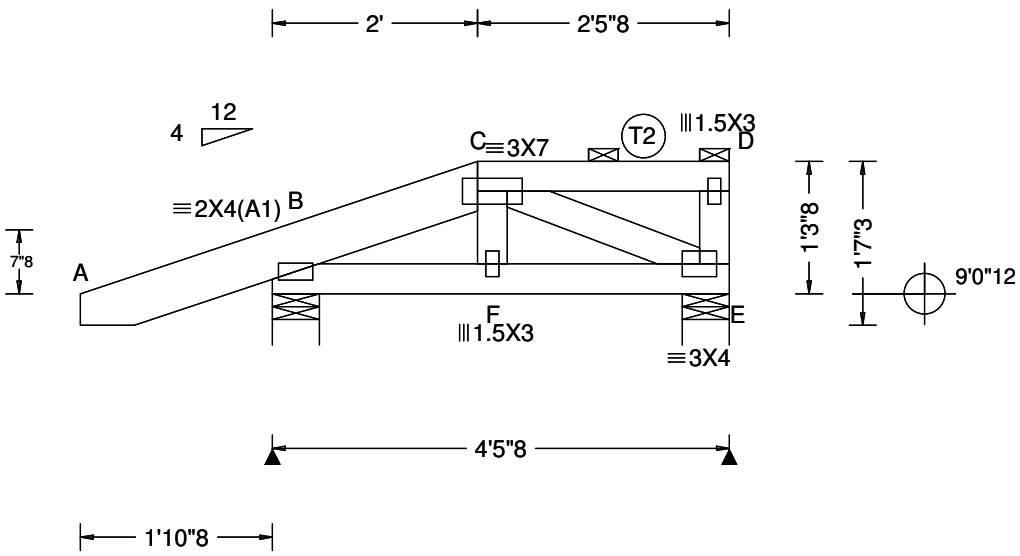
Chords	Tens.	Comp.
B - D	19	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.
C - D	0	- 251

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10116 / T19 / HIPM FROM: SKR	Ply: 1 Qty: 1 Wgt: 28.7 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR32	DRW: ... / ... 05/27/2020



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
Is: 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: 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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.003	C	999	360
VERT(TL): 0.004	C	999	360
HORZ(LL): 0.001	E	-	-
HORZ(TL): 0.001	E	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.10
Max BC CSI: 0.07
Max Web CSI: 0.02

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x6 SPF 2100Fb-1.8E :T2 2x4 SPF 2100Fb-1.8E:
Bot Chord 2x4 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:	-1.88	85/ 0/ 0/ 6	2.06	85/ 0/ 0/ 6
TC:	2.06	42/ 0/ 0/ 3	4.46	42/ 0/ 0/ 3
BC:	0.00	0/ 0/ 0/ 7	4.46	0/ 0/ 0/ 7

TC: 52/0/0/5 lb Conc. Load at 2.03, 3.94
BC: 0/0/0/10 lb Conc. Load at 2.06, 3.94

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)
TC	24	2.00	4.46
BC	53	0.00	4.46

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.

▲ Bearing Locations

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

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 387	/ 0	/ 50	/ 644	/ 0	/ 0
E	/ 151	/ 0	/ 41	/ 278	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	C - D	3	- 4
B - C	0	- 346			

Maximum Bot Chord Forces Per Ply (lbs)

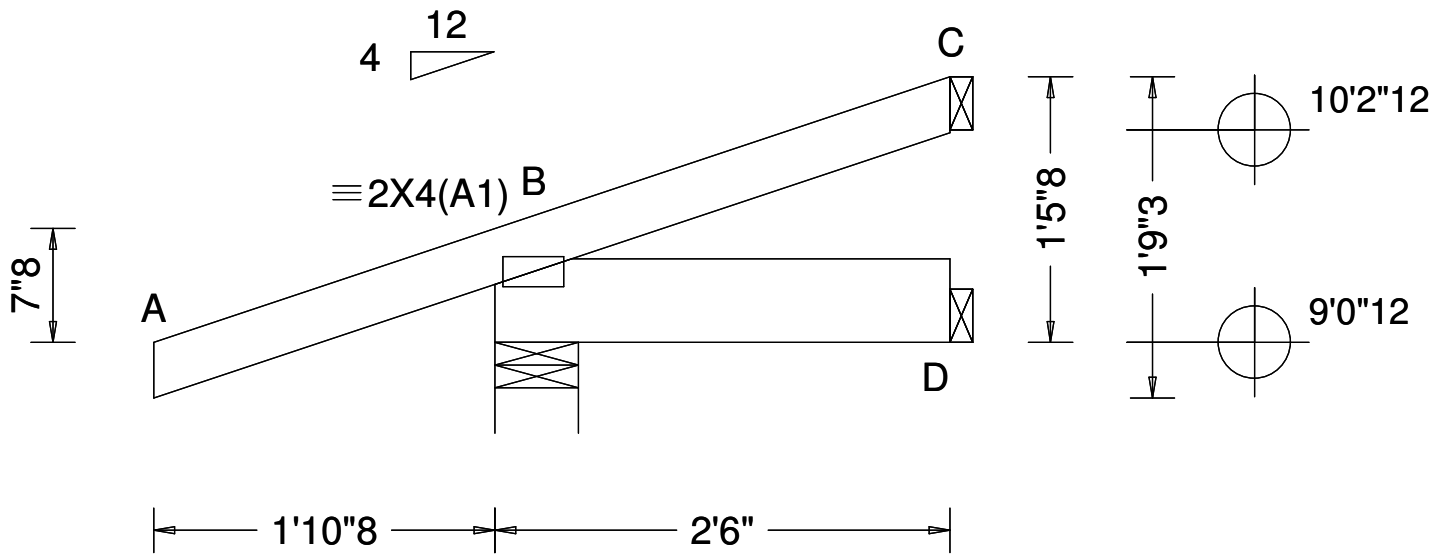
Chords	Tens.	Comp.	Chords	Tens.	Comp.
B - F	259	0	F - E	258	0

Maximum Web Forces Per Ply (lbs)

Webs	Tens.	Comp.	Webs	Tens.	Comp.
C - F	36	- 12	D - E	0	- 150
C - E	0	- 276			

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10081 / T41 / EJAC FROM: AA	Ply: 1 Qty: 6 Wgt: 13.3 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR33	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): NA			
VERT(TL): NA			
HORZ(LL): -0.000	D	-	-
HORZ(TL): -0.000	D	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.22
Max BC CSI: 0.03
Max Web CSI: 0.00

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E
Bot Chord 2x6 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	30	0.00	2.50

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-O86-14.

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

Warning: Component is designed to bear at specific locations.

▲ Bearing Locations

Loc	Ht / W
B	9'0"12 / 5"8
D	9'0"12 / 1"8
C	10'2"12 / 1"8

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 323	/ 0	/ 40	/ 535	/ 0	/ 0
D	/ 0	/ 0	/ 14	/ 20	/ 0	/ 200
C	/ 72	/ 0	/ 6	/ 116	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	B - C	37	-56

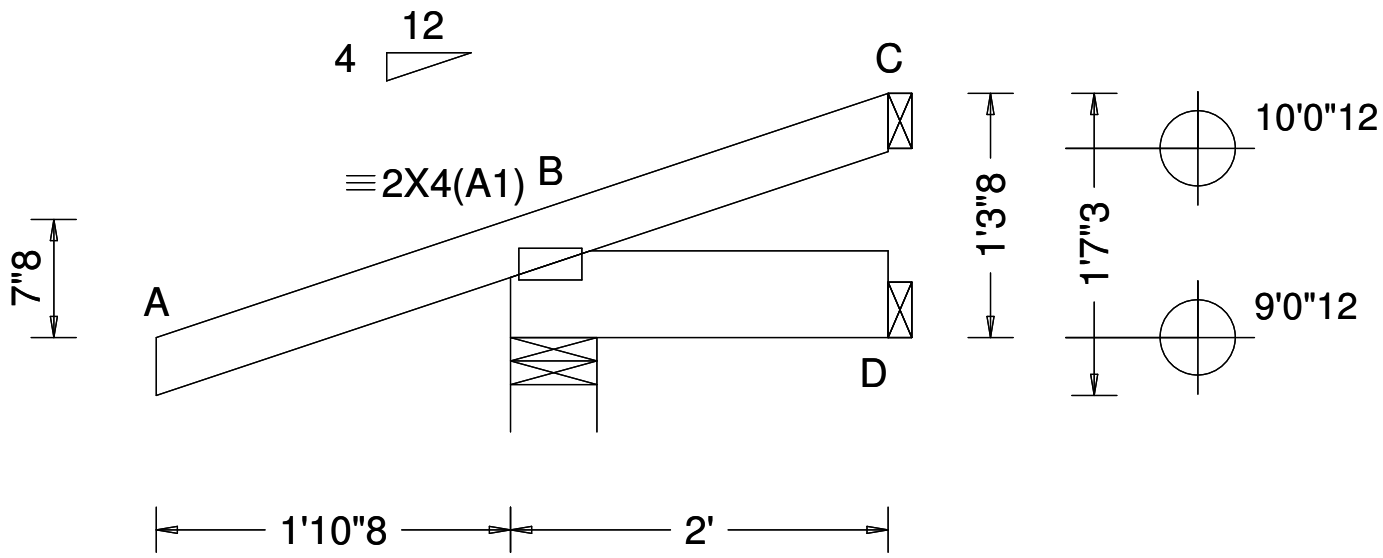
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	0	0

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10113 / T32 / EJAC FROM: SKR	Ply: 1 Qty: 2 Wgt: 11.2 lbs	42148 Wood Creek (Lot#34) Roof Trusses TR34	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): NA			
VERT(TL): NA			
HORZ(LL): -0.000	D	-	-
HORZ(TL): -0.000	D	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.22
Max BC CSI: 0.04
Max Web CSI: 0.00

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E
Bot Chord 2x6 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	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.

▲ Bearing Locations

Loc	Ht / W
B	9'0"12 / 5"8
D	9'0"12 / 1"8
C	10'0"12 / 1"8

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 317	/ 0	/ 36	/ 521	/ 0	/ 0
D	/ 0	/ 0	/ 10	/ 14	/ 0	/ 200
C	/ 52	/ 0	/ 4	/ 84	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	B - C	27	-45

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	0	0

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

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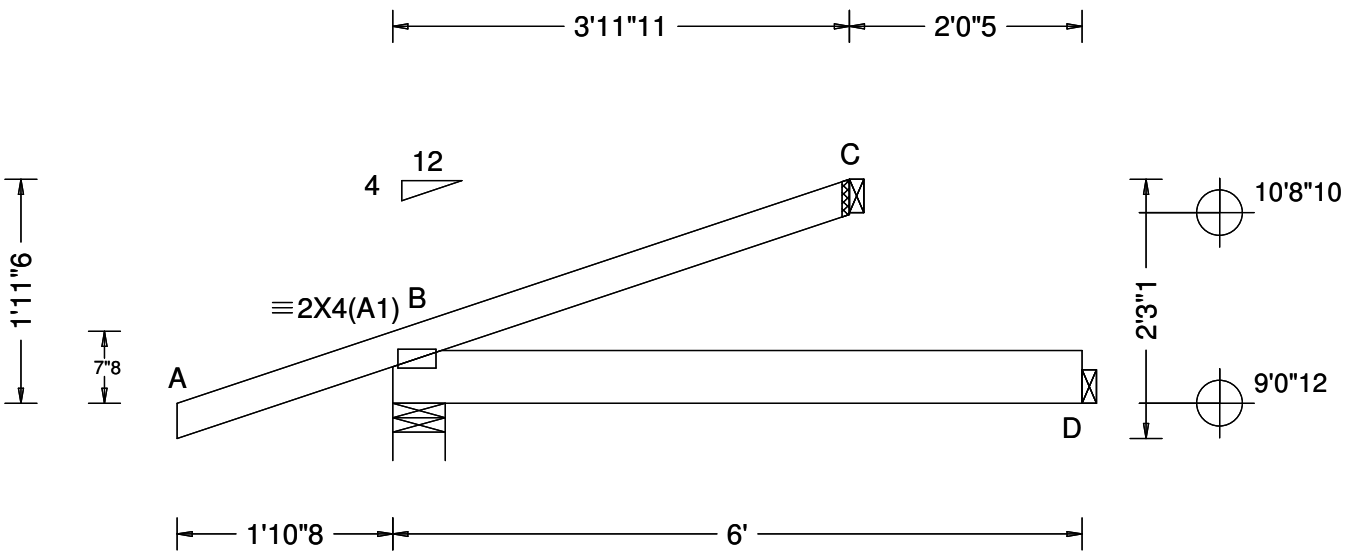
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10094 / T13 / CAJA FROM: AA	Ply: 1 Qty: 5 Wgt: 23.8 lbs	42148 Wood Creek (Lot#34) Roof Trusses C1	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.002	D	999	360
VERT(TL): 0.004	D	999	360
HORZ(LL): 0.003	D	-	-
HORZ(TL): 0.004	D	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.22
Max BC CSI: 0.04
Max Web CSI: 0.00

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E
Bot Chord 2x6 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	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.

▲ Bearing Locations

Loc	Ht	/ W
B	9'0"12	/ 5"8
C	10'8"10	/ 1"8
D	9'0"12	/ 1"8

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 364	/ 0	/ 66	/ 630	/ 0	/ 0
C	/ 127	/ 0	/ 13	/ 207	/ 0	/ 0
D	/ 2	/ 0	/ 39	/ 55	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	B - C	66	-90

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	0	0

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

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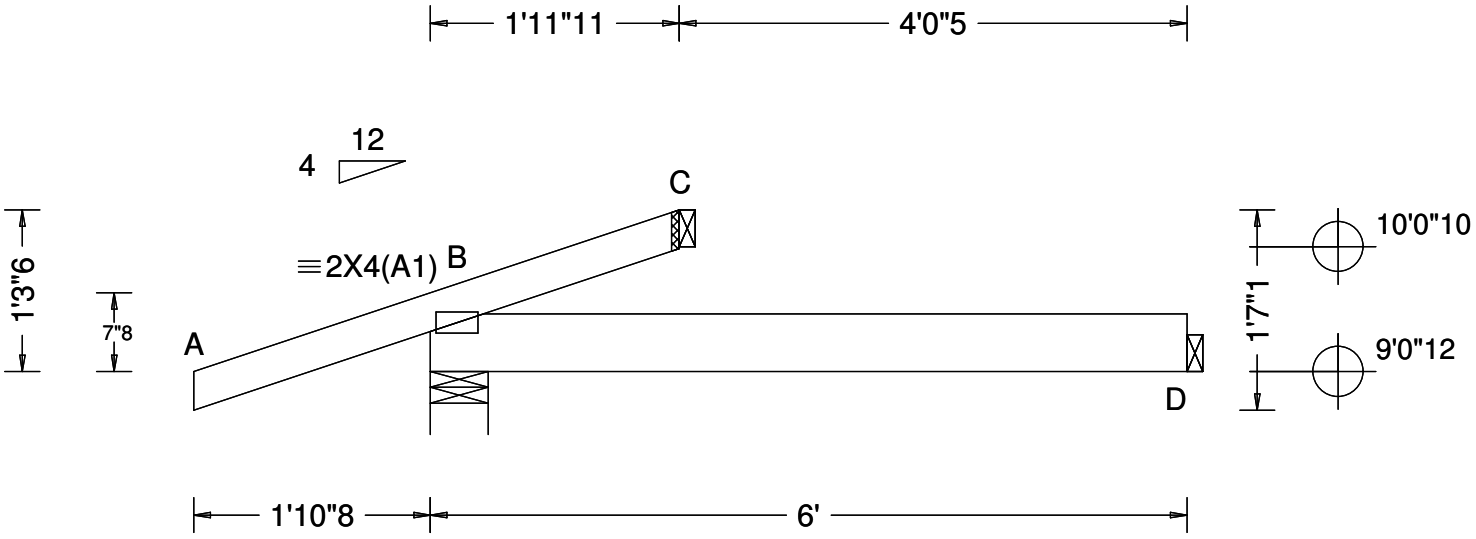
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10097 / T9 / CAJA FROM: AA	Ply: 1 Qty: 5 Wgt: 19.6 lbs	42148 Wood Creek (Lot#34) Roof Trusses C2	DRW: ... / ... 05/27/2020



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
Is: 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: 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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): -0.000	D	999	360
VERT(TL): 0.001	D	999	360
HORZ(LL): -0.000	D	-	-
HORZ(TL): 0.001	D	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.24
Max BC CSI: 0.05
Max Web CSI: 0.00

VIEW Ver: 18.02.01A.0205.19

▲Bearing Locations

Loc	Ht	/ W
B	9'0"12	/ 5"8
C	10'0"10	/ 1"8
D	9'0"12	/ 1"8

▲Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 297	/ 0	/ 45	/ 502	/ 0	/ 0
C	/ 41	/ 0	/ 14	/ 81	/ 0	/ 0
D	/ 0	/ 0	/ 29	/ 41	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	B - C	26	-45

Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	0	0

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E
Bot Chord 2x6 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: 0/0/0/10 lb Conc. Load at 2.06
BC: 8/0/0/14 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.

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

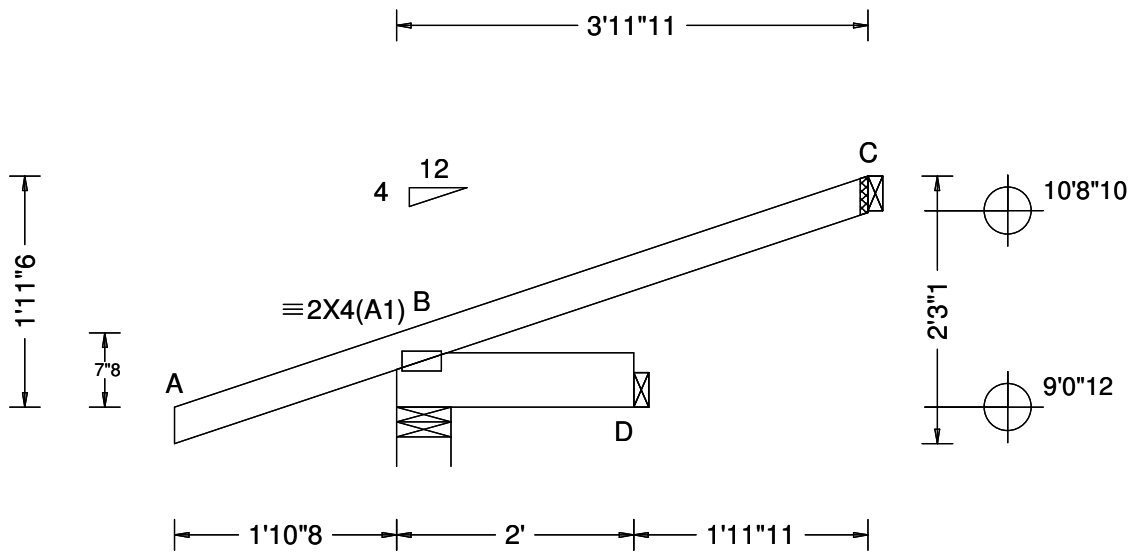
Interaction equation as per Clause 6.5.10 of CSA-O86-14.

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

Warning: Component is designed to bear at specific locations.

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10087 / T10 / CAJA FROM: AA	Ply: 1 Qty: 5 Wgt: 15.4 lbs	42148 Wood Creek (Lot#34) Roof Trusses C3	DRW: ... / ... 05/27/2020



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
Is: 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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.001	D	999	360
VERT(TL): 0.002	D	999	360
HORZ(LL): 0.001	D	-	-
HORZ(TL): 0.002	D	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.22
Max BC CSI: 0.01
Max Web CSI: 0.00

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E
Bot Chord 2x6 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	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.

▲ Bearing Locations

Loc	Ht / W
B	9'0"12 / 5"8
D	9'0"12 / 1"8
C	10'8"10 / 1"8

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 359	/ 0	/ 39	/ 589	/ 0	/ 0
D	/ 8	/ 0	/ 14	/ 29	/ 0	/ 0
C	/ 126	/ 0	/ 9	/ 201	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	B - C	64	-92

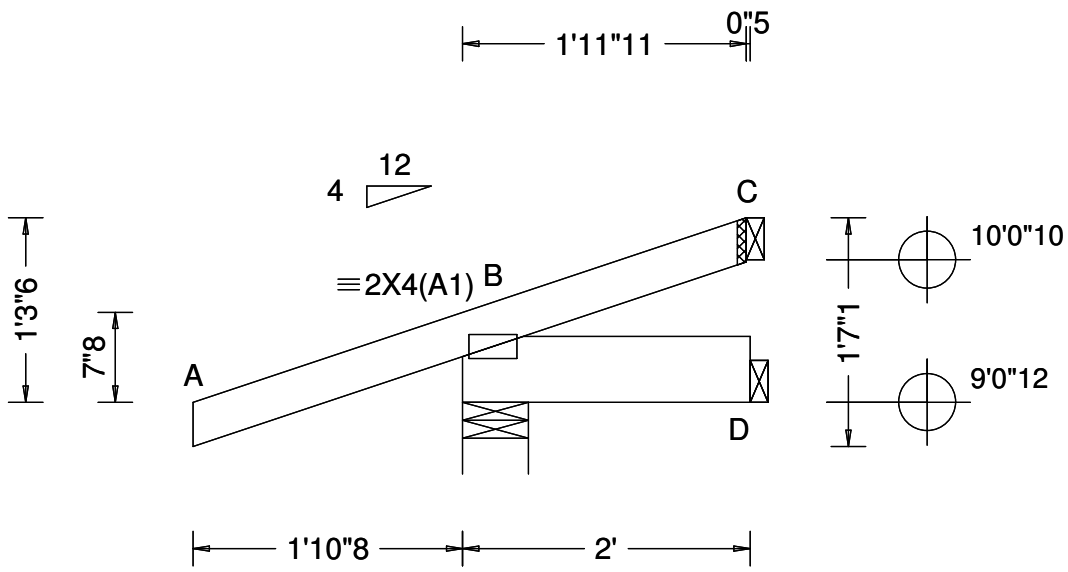
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	0	0

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10090 / T11 / CAJA FROM: AA	Ply: 1 Qty: 5 Wgt: 11.2 lbs	42148 Wood Creek (Lot#34) Roof Trusses C4	DRW: ... / ... 05/27/2020



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

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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): NA			
VERT(TL): NA			
HORZ(LL): -0.000	D	-	-
HORZ(TL): -0.000	D	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.22
Max BC CSI: 0.04
Max Web CSI: 0.00

VIEW Ver: 18.02.01A.0205.19

Lumber

Top Chord 2x4 SPF 2100Fb-1.8E
Bot Chord 2x6 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	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.

▲ Bearing Locations

Loc	Ht	/ W
B	9'0"12	/ 5"8
C	10'0"10	/ 1"8
D	9'0"12	/ 1"8

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
B	/ 316	/ 0	/ 36	/ 520	/ 0	/ 0
C	/ 51	/ 0	/ 4	/ 82	/ 0	/ 0
D	/ 0	/ 0	/ 10	/ 14	/ 0	/ 200

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.	Chords	Tens.	Comp.
A - B	80	0	B - C	26	-44

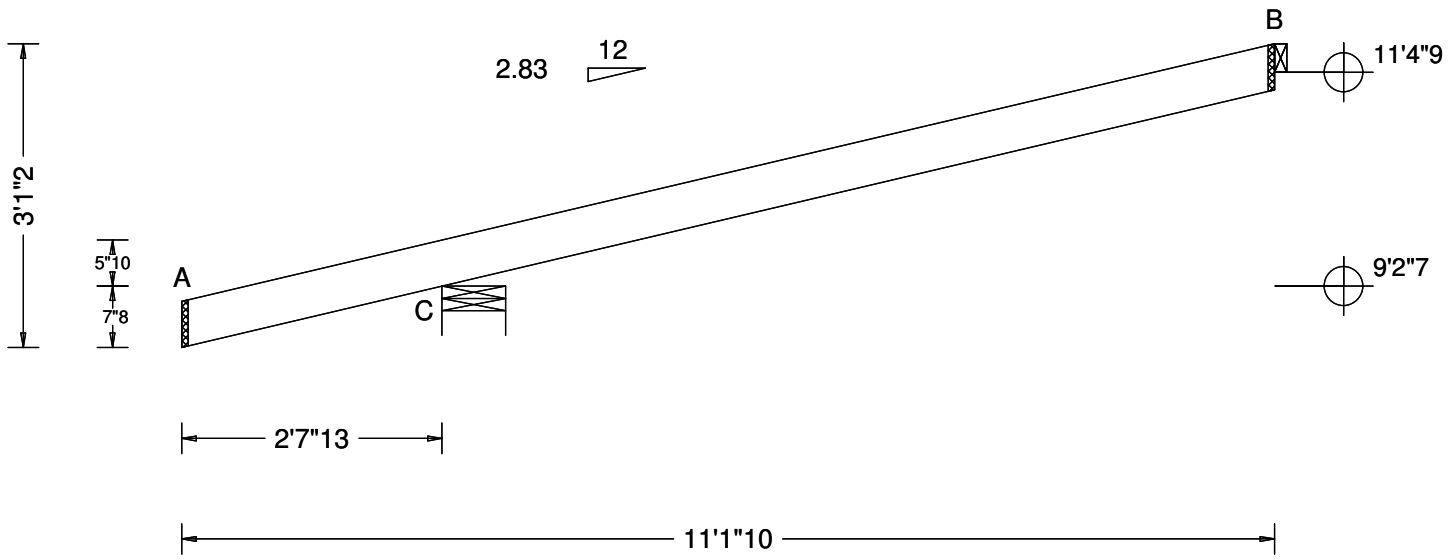
Maximum Bot Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
B - D	0	0

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

THIS DRAWING MUST BE REVIEWED BY A REGISTERED PROFESSIONAL ENGINEER BEFORE USE.
SEE A100 FOR GENERAL NOTES, IMPORTANT SPECIFICATIONS AND WARNINGS. CCMC #12182-L, 12802-L, 13124-L

SEQN: 10100 / T16 / CALF FROM: AA	Ply: 1 Qty: 5 Wgt: 25.2 lbs	42148 Wood Creek (Lot#34) Roof Trusses C5	DRW: ... / ... 05/27/2020



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
Is: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Loading Criteria (psf)
TCLL: 42.25
TCDL: 3.00
BCLL: 0.00
BCDL: 0.00

Des Ld: 45.25
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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.000	-	-	240
VERT(TL): 0.000	-	-	360
HORZ(LL): -0.000	B	-	-
HORZ(TL): -0.000	B	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.36
Max BC CSI: 0.00
Max Web CSI: 0.00

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

Loc	Ht	/ W
C	9'2"7	/ 7"12
B	11'4"9	/ 1"8

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
C	/ 151	/ 0	/ 27	/ 261	/ 0	/ 0
B	/ 195	/ 0	/ 23	/ 322	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	75	-59

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	2.79	0/ 0/ 0/ 1
TC:	2.79	0/ 0/ 0/ 1	5.75	0/ 0/ 0/ 1
TC:	5.75	0/ 0/ 0/ 1	8.49	0/ 0/ 0/ 1

TC: 0/0/0/19 lb Conc. Load at 2.79
TC: 93/0/0/0 lb Conc. Load at 2.87
TC: 127/0/0/13 lb Conc. Load at 5.62
TC: 126/0/0/9 lb Conc. Load at 5.75

Plating Notes

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

Plates designed for fabrication using seasoned lumber.

Loading

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

Purlins

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

Additional Notes

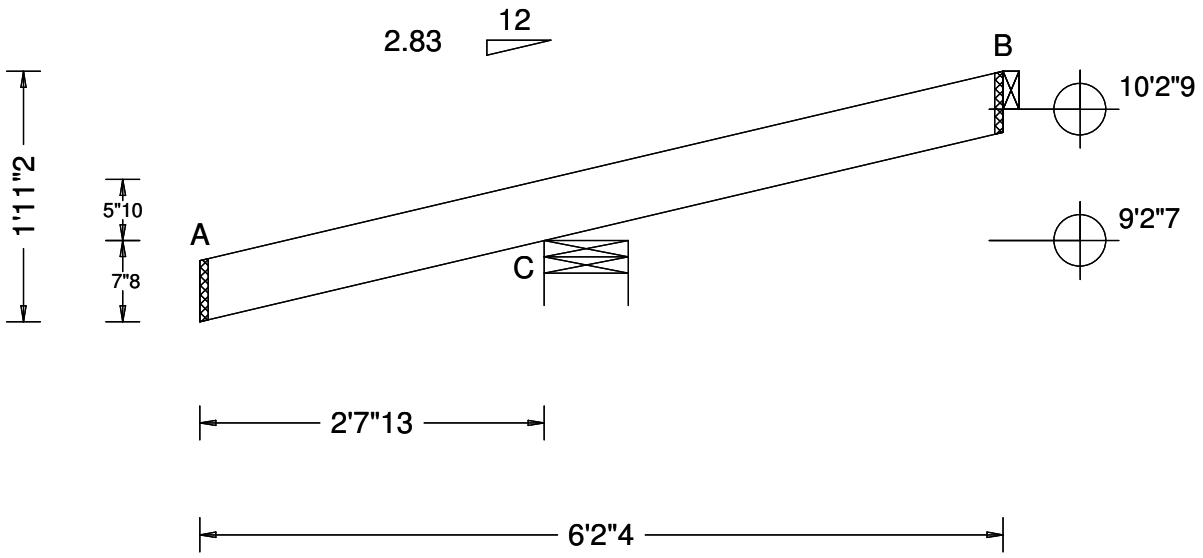
Interaction equation as per Clause 6.5.10 of CSA-O86-14.

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

Shim all supports to solid bearing.

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10078 / T39 / CALF FROM: AA	Ply: 1 Qty: 1 Wgt: 16.8 lbs	42148 Wood Creek (Lot#34) Roof Trusses C6	DRW: ... / ... 05/27/2020



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
Is: 1.00
Slippery Roof: N/A
Wind Exposed: N/A

Loading Criteria (psf)
TCLL: 42.25
TCDL: 3.00
BCLL: 0.00
BCDL: 0.00
Des Ld: 45.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 0.0 "
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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.000	-	-	240
VERT(TL): 0.000	-	-	360
HORZ(LL): 0.000	-	-	-
HORZ(TL): -0.000	B	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.00
Max BC CSI: 0.00
Max Web CSI: 0.00

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

Loc	Ht	/ W
C	9'2"7	/ 7"12
B	10'2"9	/ 1"8

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
C	/ 0	/ 0	/ 5	/ 8	/ 0	/ 0
B	/ 0	/ 0	/ 0	/ 0	/ 0	/ 0

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	1	-1

Lumber

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

Plating Notes

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

Plates designed for fabrication using seasoned lumber.

Loading

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

Purlins

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

Additional Notes

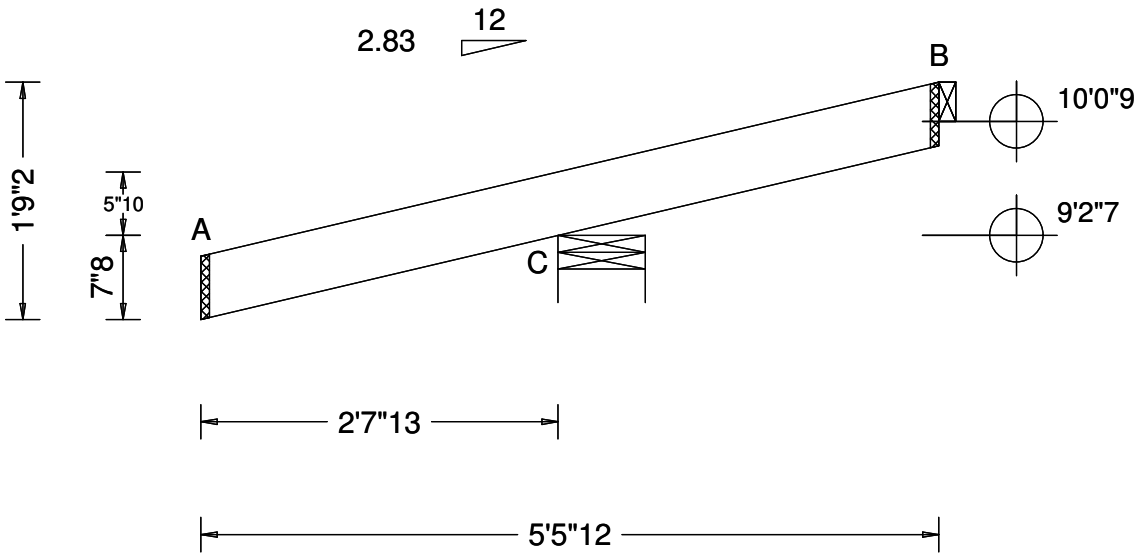
Interaction equation as per Clause 6.5.13 of CSA-O86-14.

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

Shim all supports to solid bearing.

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1

SEQN: 10110 / T21 / CALF FROM: SKR	Ply: 1 Qty: 1 Wgt: 12.6 lbs	42148 Wood Creek (Lot#34) Roof Trusses C7	DRW: ... / ... 05/27/2020



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: 0.00
Des Ld: 45.25
Lumber Duration: 1.00
Plate Duration: 1.00
Spacing: 0.0 "
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

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

Defl/CSI Criteria

PP Deflection in	loc	L/defl	L/D
VERT(LL): 0.000	-	-	240
VERT(TL): 0.000	-	-	360
HORZ(LL): 0.000	-	-	-
HORZ(TL): -0.000	B	-	1.00

Creep Factor: 1.0
Overhang: Non-removable
Max TC CSI: 0.00
Max BC CSI: 0.00
Max Web CSI: 0.00

VIEW Ver: 18.02.01A.0205.19

▲ Bearing Locations

Loc	Ht	/ W
C	9'2"7	/ 7"12
B	10'0"9	/ 1"8

▲ Bearing Reactions (lbs)

Loc	/ S	/ L	/ D	/ F	/ Hz	/ U
C	/ 0	/ 0	/ 6	/ 8	/ 0	/ 0
B	/ 0	/ 0	/ 0	/ -99999	/ 0	/ 200

Maximum Top Chord Forces Per Ply (lbs)

Chords	Tens.	Comp.
A - B	1	-1

Lumber

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

Plating Notes

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

Plates designed for fabrication using seasoned lumber.

Loading

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

Purlins

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

Additional Notes

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

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

Shim all supports to solid bearing.

Salmon Arm Truss SYSTEMS LTD.
Box 928, Salmon Arm, B.C. V1E 4P1