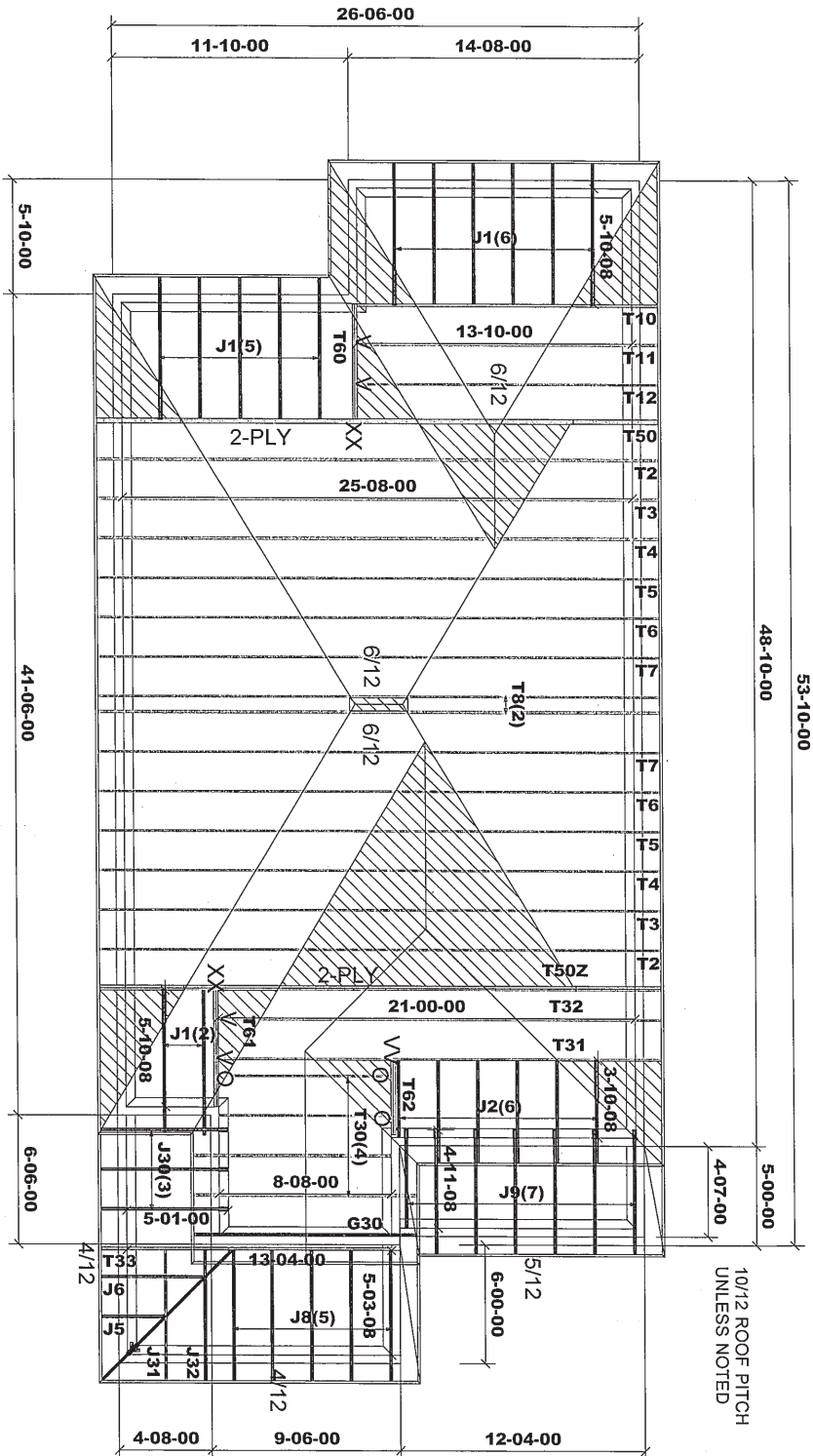




12" FINISH O.H.
R.T.M.C
2X6 EXTERIOR WALLS
ASPHALT SHINGLES
2X6 FASCIA BOARD

DENOTES
CONVENTIONAL
FRAMING
HARDWARE
LUS240(V)
LUS240(I)
HQU526-2(VV)
LUS26-2(VV)

DESIGN CONFORMS WITH OBC
2012(2019 AMENDMENT)
OCCUPANCY: RESIDENTIAL | PART: 9
Ss = 54.3 psf | Sr = 8.4 psf

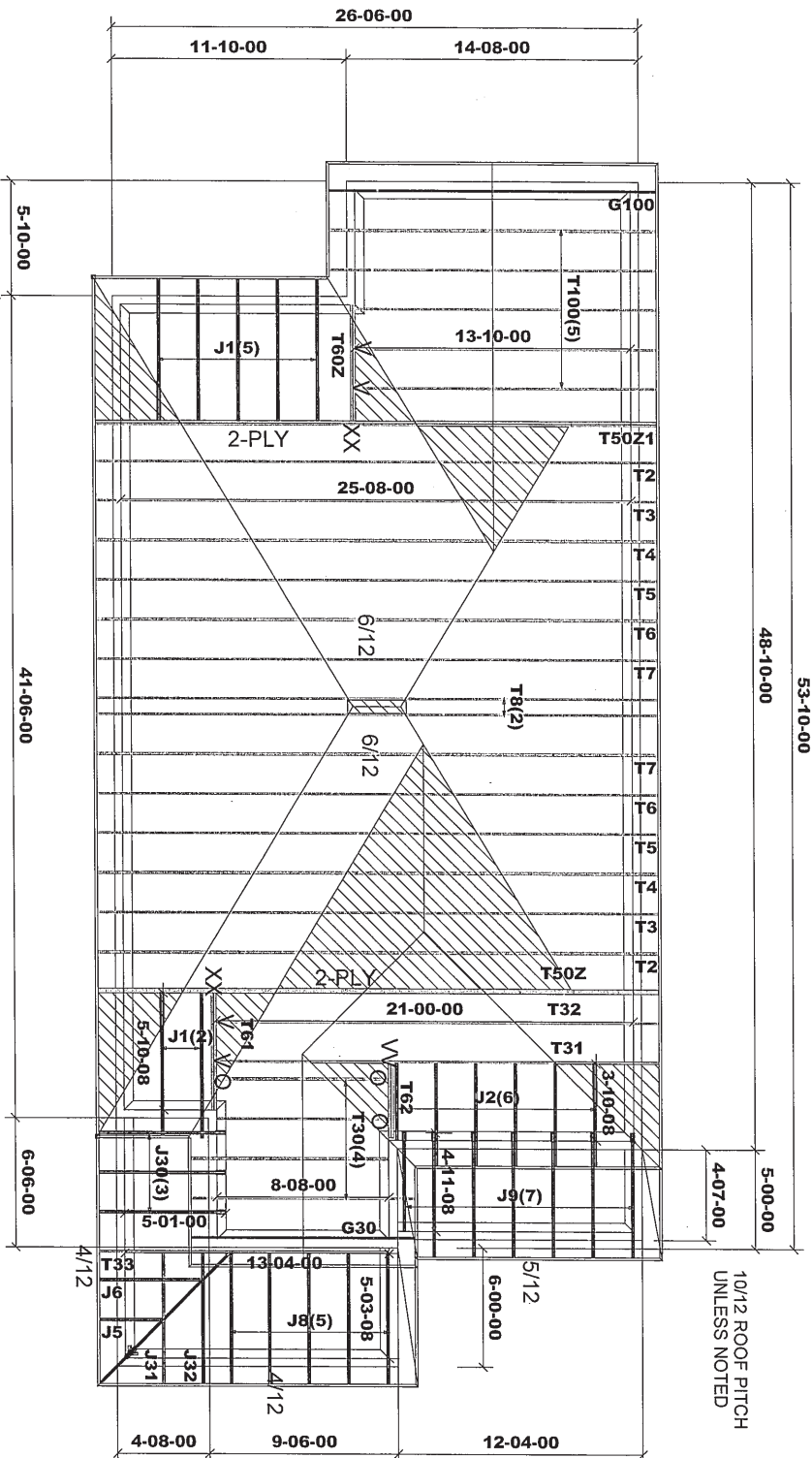
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TCDL = 6.0 psf
BCLL = 0.0 psf
BCDL = 7.4 psf

All conventional framing to conform with Part 9 of O.B.C. 2012. Roof rafters that cross over or meet trusses to be min. 2x4 SPF #2 @ 24" o/c with a vertical post to the truss at each cross point. Vertical posts longer than 6' to have lateral bracing so that the distance between the post end points and lateral bracing does not exceed 6'.

M15765

Job Track: 50469		Builder / Location: BAYVIEW WELLINGTON / INNISFIL		Model / Elevation: S32-3-12G / A	
Plan Log: 204693		Project: ALCONA SHORES			
Layout ID: 418574		Date: 11/14/23 Sales: Rick DiCiano Designer: JG/XT			
THESE DRAWINGS CONSTITUTE THE PROPERTY OF TAMARACK ROOF TRUSSES INC., SHALL NOT BE REPRODUCED, PUBLISHED, OR REDISTRIBUTED IN ANY MANNER OR UTILIZED FOR ANY PURPOSE OTHER THAN THE MANUFACTURE OF TRUSSES BY TAMARACK ROOF TRUSSES INC AND WILL BE RETRACTED BY TAMARACK ROOF TRUSSES INC IF UTILIZED FOR ANY OTHER PURPOSE. Mitek ver 8.6.3.353					





12" FINISH O.H.
RT.M.C
2X6 EXTERIOR WALLS
ASPHALT SHINGLES
2X6 FASCIA BOARD

10/12 ROOF PITCH
UNLESS NOTED

DESIGN CONFORMS WITH OBC
2012(2019 AMENDMENT)
OCCUPANCY: RESIDENTIAL | PART: 9
Ss = 54.3 psf | Sr = 8.4 psf

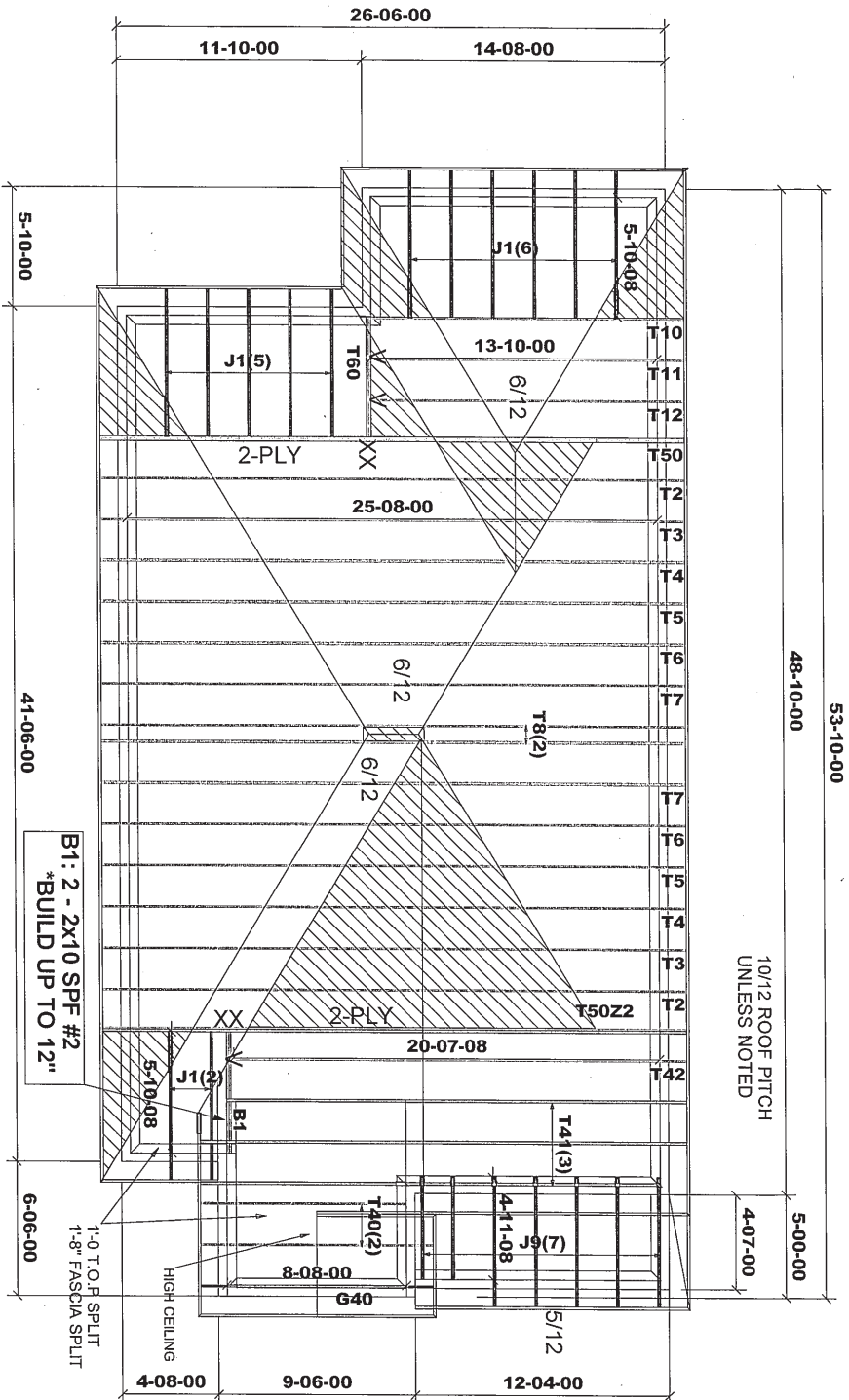
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TCDL = 6.0 psf
BCLL = 0.0 psf
BCDL = 7.4 psf

All conventional framing to conform with Part 9 of O.B.C. 2012. Roof rafters that cross over or meet trusses to be min. 2x4 SPF #2 @ 24" o/c with a vertical post to the truss at each cross point. Vertical posts longer than 6' to have lateral bracing so that the distance between the post end points and lateral bracing does not exceed 6'.

MIS T65

Job Track: 50469		Builder / Location: BAYVIEW WELLINGTON / INNISFIL		Model / Elevation: S32-3-12G / A REAR UPGRADE	
Plan Log: 204693		Project: ALCONA SHORES			
Layout ID: 418575		Date: 11/14/23			
		Sales: Rick DiCiano		Designer: JG/XT	
THESE DRAWINGS CONSTITUTE THE PROPERTY OF TAMARACK ROOF TRUSSES INC. SHALL NOT BE REPRODUCED, PUBLISHED, OR REDISTRIBUTED IN ANY MANNER OR UTILIZED FOR ANY PURPOSE OTHER THAN THE MANUFACTURE OF TRUSSES BY TAMARACK ROOF TRUSSES INC AND WILL BE RETRACTED BY TAMARACK ROOF TRUSSES INC IF UTILIZED FOR ANY OTHER PURPOSE.					
Mitek ver 8.6.3.353					





All conventional framing to conform with Part 9 of O.B.C. 2012. Roof rafters that cross over or meet trusses to be min. 2x4 SPF #2 @ 24" o/c with a vertical post to the truss at each cross point. Vertical posts longer than 6' to have lateral bracing so that the distance between the post end points and lateral bracing does not exceed 6'.

DESIGN CONFORMS WITH OBC
2012(2019 AMENDMENT)
OCCUPANCY: RESIDENTIAL | PART: 9
Ss = 54.3 psf | Sr = 8.4 psf

DESIGN LOADS:
TCSL = 38.3 psf
TCDL = 6.0 psf
BCLL = 0.0 psf
BCDL = 7.4 psf

12" FINISH O.H
R.T.M.C
2X6 EXTERIOR WALLS
ASPHALT SHINGLES
2X6 FASCIA BOARD

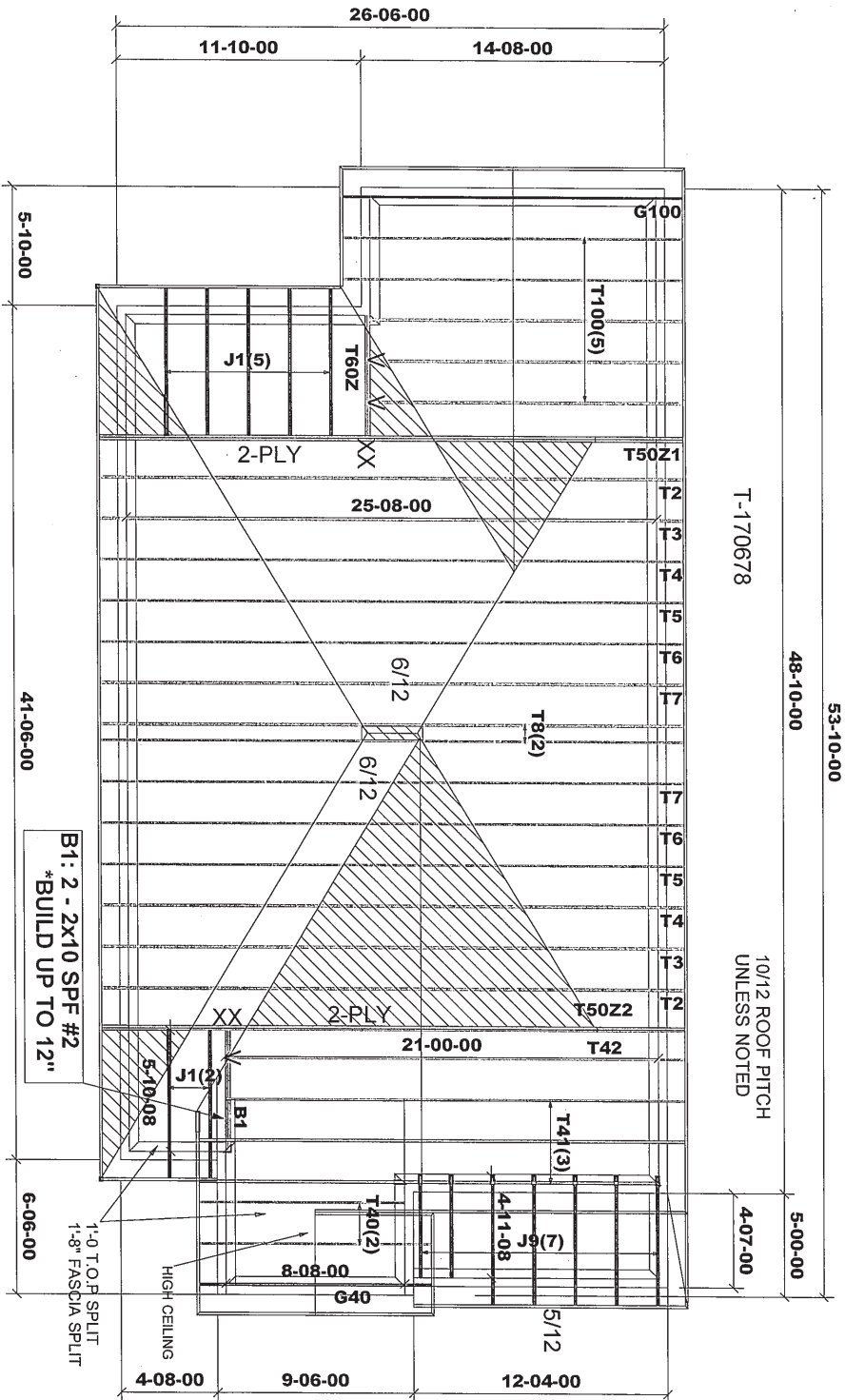
DENOTES
CONVENTIONAL FRAMING

HARDWARE
LJS26DS(V)
HGS26-2XX

M15765

Job Track:	50469	Builder / Location:	BAYVIEW WELLINGTON / INNISFIL	Model / Elevation:	S32-3-12G / B			
Plan Log:	204693	Project:	ALCONA SHORES	THESE DRAWINGS CONSTITUTE THE PROPERTY OF TAMARACK ROOF TRUSSES INC. SHALL NOT BE REPRODUCED, PUBLISHED, OR REDISTRIBUTED IN ANY MANNER OR UTILIZED FOR ANY PURPOSE OTHER THAN THE MANUFACTURE OF TRUSSES BY TAMARACK ROOF TRUSSES INC AND WILL BE RETRACTED BY TAMARACK ROOF TRUSSES INC IF UTILIZED FOR ANY OTHER PURPOSE.				
Layout ID:	418576	Date:	11/14/23	Sales:	Rick DiCiano	Designer:	JG/XT	Milek ver 8.6.3.353





12" FINISH O.H.
R.T.M.C
2X6 EXTERIOR WALLS
ASPHALT SHINGLES
2X6 FASCIA BOARD

DENOTES
CONVENTIONAL
FRAMING

HARDWARE
LS26DS(V)
HGUS26-2(XX)

DESIGN CONFORMS WITH OBC
2012/2019 AMENDMENT)
OCCUPANCY: RESIDENTIAL | PA
Ss = 54.3 psf | Sr = 8.4 psf

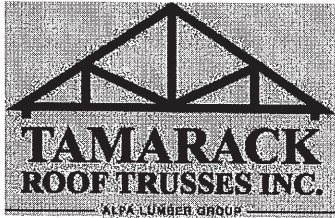
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BCLL = 0.0 psf
BCDL = 7.4 psf

M15765

Job Track: 50469		Builder / Location: BAYVIEW WELLINGTON / INNISFIL		Model / Elevation: S32-3-12G / B REAR UPGRADE	
Plan Log: 204693		Project: ALCONA SHORES			
Layout ID: 418578		Date: 11/14/23		Sales: Rick DiCiano	Designer: xx
THESE DRAWINGS CONSTITUTE THE PROPERTY OF TAMARACK ROOF TRUSSES INC. SHALL NOT BE REPRODUCED, PUBLISHED, OR REDISTRIBUTED IN ANY MANNER OR UTILIZED FOR ANY PURPOSE OTHER THAN THE MANUFACTURE OF TRUSSES BY TAMARACK ROOF TRUSSES INC AND WILL BE RETRACTED BY TAMARACK ROOF TRUSSES INC IF UTILIZED FOR ANY OTHER PURPOSE.					
Mitek ver 8.6.3.353					



DELIVERY SHIPLIST



Lumber Yard: TAMARACK LUMBER
 Builder: BAYVIEW WELLINGTON
 Project: ALCONA SHORES
 Location: INNISFIL
 Model: S32-3-12G
 Lot #:
 Elevation: A

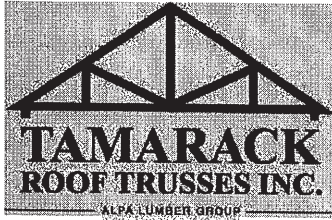
Job Track: 50469
 PlanLog: 204693
 Layout ID: 418574
 Ref #
 Page: 1 of 3
 Date: 11/14/2023
 Designer:
 Sales Rep: Rick DiCiano



Roof Trusses

PROFILE	QTY PLY	MARK TYPE	PITCH	SPAN	HEIGHT	LUMBER	OVERHANG LEFT RIGHT	HEEL HEIGHT LEFT RIGHT	LBS. BFT.	BUNDLE # STACK #	LOAD BY REMARKS
	2	T2 Hip	10 / 12	25-08-00	5-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	214.57 139.33		
	2	T3 Hip	10 / 12	25-08-00	6-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	242.13 155.33		
	2	T4 Hip	10 / 12	25-08-00	7-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	238.98 149.00		
	2	T5 Hip	10 / 12	25-08-00	8-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	251.76 159.33		
	2	T6 Hip	10 / 12	25-08-00	9-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	266.63 169.00		
	2	T7 Hip	10 / 12	25-08-00	10-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	258.06 163.33		
	2	T8 Hip	10 / 12	25-08-00	11-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	282.86 175.33		
	1	T10 Hip Girder	10 / 12	13-10-00	4-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	62.37 40.33		
	1	T11 Hip	10 / 12	13-10-00	5-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	61.08 40.17		
	1	T12 Hip	10 / 12	13-10-00	6-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	69.75 46.17		
	4	T30 Common	10 / 12	8-08-00	5-03-00	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	161.36 107.33		
	1	G30 GABLE	10 / 12	8-08-00	5-03-00	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	42.24 27.83		
	1	T31 Hip Girder	10 / 12	21-00-00	4-10-13	2 x 6	1-03-08 1-03-08	1-07-11 1-07-11	117.89 72.00		
	1	T32 Hip	10 / 12	21-00-00	6-06-07	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	102.87 66.00		

DELIVERY SHIPLIST



Lumber Yard: TAMARACK LUMBER
 Builder: BAYVIEW WELLINGTON
 Project: ALCONA SHORES
 Location: INNISFIL
 Model: S32-3-12G
 Lot #:
 Elevation: A

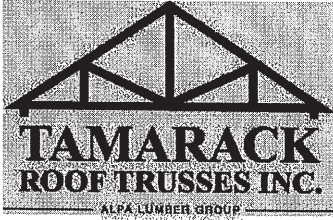
Job Track: 50469
 PlanLog: 204693
 Layout ID: 418574
 Ref #
 Page: 2 of 3
 Date: 11/14/2023
 Designer:
 Sales Rep: Rick DiCiano



Roof Trusses

PROFILE	QTY PLY	MARK TYPE	PITCH	SPAN	HEIGHT	LUMBER	OVERHANG LEFT RIGHT	HEEL HEIGHT LEFT RIGHT	LBS. BFT.	BUNDLE # STACK #	LOAD BY REMARKS
	1	T33 Half Hip Girder	4 /12	13-04-00	2-06-00	2 x 4	1-03-08	3-15 2-01-02	43.04 28.00		
	1 2-ply	T50 Hip Girder	10 /12	25-08-00	4-01-04	2 x 4 2 x 6	1-03-08 1-03-08	1-07-11 1-07-11	267.68 168.67		
	1 2-ply	T50Z Hip Girder	10 /12	25-08-00	4-01-04	2 x 4 2 x 6	1-03-08 1-03-08	1-07-11 1-07-11	267.68 168.67		
	1 2-ply	T60 Jack-Closed Girder	6 /12	5-10-08	4-01-04	2 x 4 2 x 6		1-02-00 4-01-04	58.39 37.67		
	1 2-ply	T61 Jack-Closed Girder	6 /12	5-10-08	4-01-04	2 x 4 2 x 6		1-02-00 4-01-04	58.39 37.67		
	1 2-ply	T62 Jack-Closed Girder	10 /12	3-10-08	4-10-07	2 x 4 2 x 6		1-07-11 4-10-07	44.83 30.67		
	13	J1 Jack-Open	6 /12	5-10-08	4-01-04	2 x 4	1-03-08	1-02-00 4-01-04	218.33 138.67		
	6	J2 Jack-Open	10 /12	3-10-08	4-10-07	2 x 4	1-03-08	1-07-11 4-10-07	91.36 58.00		
	1	J5 Jack-Open	4 /12	1-10-08	1-04-00	2 x 4	1-03-08	3-15 11-07	5.95 4.00		
	1	J6 Jack-Open	4 /12	1-10-08	2-00-00	2 x 4	1-03-08 1-10-15	3-15 11-07	8.35 5.33		
	5	J8 Jack-Open	4 /12	5-03-08	2-06-00	2 x 4	1-03-08	3-15 2-01-02	70.29 46.67		
	7	J9 Jack-Open	5 /12	4-11-08	2-11-01	2 x 4	1-03-08	5-06 2-06-02	100.18 60.67		
	3	J30 Jack-Open	4 /12	5-01-00	2-05-03	2 x 4	1-03-08	3-15 2-00-04	40.71 26.00		
	1	J31 Jack-Open Girder	4 /12	5-03-08	1-04-00	2 x 4	1-03-08	3-15 2-01-02	9.85 6.67		

DELIVERY SHIPLIST



Lumber Yard: TAMARACK LUMBER
 Builder: BAYVIEW WELLINGTON
 Project: ALCONA SHORES
 Location: INNISFIL
 Model: S32-3-12G
 Lot #:
 Elevation: A

Job Track: 50469
 PlanLog: 204693
 Layout ID: 418574
 Ref #
 Page: 3 of 3
 Date: 11/14/2023
 Designer:
 Sales Rep: Rick DiCiano



Roof Trusses

PROFILE	QTY PLY	MARK TYPE	PITCH	SPAN	HEIGHT	LUMBER	OVERHANG LEFT RIGHT	HEEL HEIGHT LEFT RIGHT	LBS. BFT.	BUNDLE # STACK #	LOAD BY REMARKS
	1	J32 Jack-Open	4 /12	5-03-08	2-00-00	2 x 4	1-03-08	3-15 2-01-02	12.25 8.00		

TOTAL # TRUSS= 73

TOTAL BFT OF ALL TRUSSES= 2335.84

BFT.

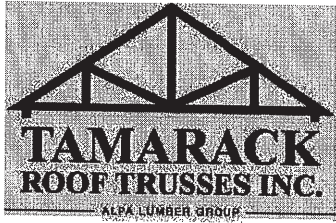
TOTAL WEIGHT OF ALL TRSSES 3669.8 LBS

HARDWARE

QTY	TYPE	MODEL	LENGTH
2	Hardware	HGUS26-2	
4	Hardware	LJS26DS	
3	Hardware	LUS24	
1	Hardware	LUS26-2	

TOTAL NUMBER OF ITEMS= 10

DELIVERY SHIPLIST



Lumber Yard: TAMARACK LUMBER
 Builder: BAYVIEW WELLINGTON
 Project: ALCONA SHORES
 Location: INNISFIL
 Model: S32-3-12G
 Lot #:
 Elevation: A REAR UPGRADE

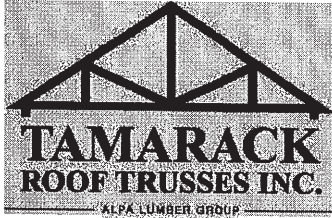
Job Track: 50469
 PlanLog: 204693
 Layout ID: 418575
 Ref #
 Page: 1 of 3
 Date: 11/14/2023
 Designer:
 Sales Rep: Rick DiCiano



Roof Trusses

PROFILE	QTY PLY	MARK TYPE	PITCH	SPAN	HEIGHT	LUMBER	OVERHANG LEFT RIGHT	HEEL HEIGHT LEFT RIGHT	LBS. BFT.	BUNDLE # STACK #	LOAD BY REMARKS
	2	T2 Hip	10 /12	25-08-00	5-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	214.57 139.33		
	2	T3 Hip	10 /12	25-08-00	6-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	242.13 155.33		
	2	T4 Hip	10 /12	25-08-00	7-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	238.98 149.00		
	2	T5 Hip	10 /12	25-08-00	8-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	251.76 159.33		
	2	T6 Hip	10 /12	25-08-00	9-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	266.63 169.00		
	2	T7 Hip	10 /12	25-08-00	10-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	258.06 163.33		
	2	T8 Hip	10 /12	25-08-00	11-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	282.86 175.33		
	1	G30 GABLE	10 /12	8-08-00	5-03-00	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	42.24 27.83		
	4	T30 Common	10 /12	8-08-00	5-03-00	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	161.36 107.33		
	1	T31 Hip Girder	10 /12	21-00-00	4-10-13	2 x 6	1-03-08 1-03-08	1-07-11 1-07-11	117.89 72.00		
	1	T32 Hip	10 /12	21-00-00	6-06-07	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	102.87 66.00		
	1	T33 Half Hip Girder	4 /12	13-04-00	2-06-00	2 x 4	1-03-08	3-15 2-01-02	43.04 28.00		
	1 2-ply	T50Z Hip Girder	10 /12	25-08-00	4-01-04	2 x 4 2 x 6	1-03-08 1-03-08	1-07-11 1-07-11	267.68 168.67		
	1 2-ply	T50Z1 Hip Girder	10 /12	25-08-00	4-01-04	2 x 4 2 x 6	1-03-08 1-03-08	1-07-11 1-07-11	267.68 168.67		

DELIVERY SHIPLIST



Lumber Yard: TAMARACK LUMBER
 Builder: BAYVIEW WELLINGTON
 Project: ALCONA SHORES
 Location: INNISFIL
 Model: S32-3-12G
 Lot #:
 Elevation: A REAR UPGRADE

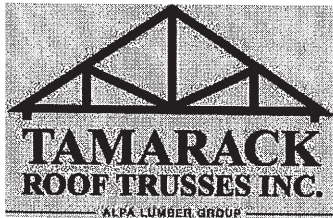
Job Track: 50469
 PlanLog: 204693
 Layout ID: 418575
 Ref #
 Page: 2 of 3
 Date: 11/14/2023
 Designer:
 Sales Rep: Rick DiCiano



Roof Trusses

PROFILE	QTY PLY	MARK TYPE	PITCH	SPAN	HEIGHT	LUMBER	OVERHANG LEFT RIGHT	HEEL HEIGHT LEFT RIGHT	LBS. BFT.	BUNDLE # STACK #	LOAD BY REMARKS
	1 2-ply	T60Z Jack-Closed Girder	6 /12	5-10-08	4-01-04	2 x 4 2 x 6		1-02-00 4-01-04	58.39 37.67		
	1 2-ply	T61 Jack-Closed Girder	6 /12	5-10-08	4-01-04	2 x 4 2 x 6		1-02-00 4-01-04	58.39 37.67		
	1 2-ply	T62 Jack-Closed Girder	10 /12	3-10-08	4-10-07	2 x 4 2 x 6		1-07-11 4-10-07	44.83 30.67		
	1	G100 GABLE	10 /12	13-10-00	7-04-14	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	69.05 45.17		
	5	T100 Common	10 /12	13-10-00	7-04-14	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	327.17 210.83		
	7	J1 Jack-Open	6 /12	5-10-08	4-01-04	2 x 4	1-03-08	1-02-00 4-01-04	117.56 74.67		
	6	J2 Jack-Open	10 /12	3-10-08	4-10-07	2 x 4	1-03-08	1-07-11 4-10-07	91.36 58.00		
	1	J5 Jack-Open	4 /12	1-10-08	1-04-00	2 x 4	1-03-08	3-15 11-07	5.95 4.00		
	1	J6 Jack-Open	4 /12	1-10-08	2-00-00	2 x 4	1-03-08 1-10-15	3-15 11-07	8.35 5.33		
	5	J8 Jack-Open	4 /12	5-03-08	2-06-00	2 x 4	1-03-08	3-15 2-01-02	70.29 46.67		
	7	J9 Jack-Open	5 /12	4-11-08	2-11-01	2 x 4	1-03-08	5-06 2-06-02	100.18 60.67		
	3	J30 Jack-Open	4 /12	5-01-00	2-05-03	2 x 4	1-03-08	3-15 2-00-04	40.71 26.00		
	1	J31 Jack-Open Girder	4 /12	5-03-08	1-04-00	2 x 4	1-03-08	3-15 2-01-02	9.85 6.67		
	1	J32 Jack-Open	4 /12	5-03-08	2-00-00	2 x 4	1-03-08	3-15 2-01-02	12.25 8.00		

DELIVERY SHIPLIST



Lumber Yard: TAMARACK LUMBER
 Builder: BAYVIEW WELLINGTON
 Project: ALCONA SHORES
 Location: INNISFIL
 Model: S32-3-12G
 Lot #:
 Elevation: A REAR UPGRADE

Job Track: 50469
 PlanLog: 204693
 Layout ID: 418575
 Ref #
 Page: 3 of 3
 Date: 11/14/2023
 Designer:
 Sales Rep: Rick DiCiano



Roof Trusses

PROFILE	QTY PLY	MARK TYPE	PITCH	SPAN	HEIGHT	LUMBER	OVERHANG LEFT RIGHT	HEEL HEIGHT LEFT RIGHT	LBS. BFT.	BUNDLE # STACK #	LOAD BY REMARKS
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TOTAL # TRUSS= 70

TOTAL BFT OF ALL TRUSSES= 2401.17

BFT.

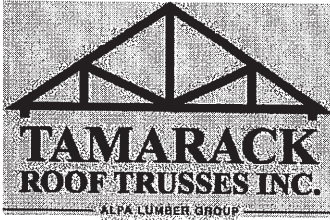
TOTAL WEIGHT OF ALL TRSSES 3772.07 LBS

HARDWARE

QTY	TYPE	MODEL	LENGTH
4	Hardware	LJS26DS	
2	Hardware	HGUS26-2	
3	Hardware	LUS24	
1	Hardware	LUS26-2	

TOTAL NUMBER OF ITEMS= 10

DELIVERY SHIPLIST



Lumber Yard: TAMARACK LUMBER
 Builder: BAYVIEW WELLINGTON
 Project: ALCONA SHORES
 Location: INNISFIL
 Model: S32-3-12G
 Lot #:
 Elevation: B

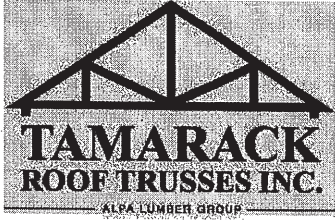
Job Track: 50469
 PlanLog: 204693
 Layout ID: 418576
 Ref #
 Page: 1 of 2
 Date: 11/14/2023
 Designer:
 Sales Rep: Rick DiCiano



Roof Trusses

PROFILE	QTY PLY	MARK TYPE	PITCH	SPAN	HEIGHT	LUMBER	OVERHANG LEFT RIGHT	HEEL HEIGHT LEFT RIGHT	LBS. BFT.	BUNDLE # STACK #	LOAD BY REMARKS
	2	T2 Hip	10 / 12	25-08-00	5-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	214.57 139.33		
	2	T3 Hip	10 / 12	25-08-00	6-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	242.13 155.33		
	2	T4 Hip	10 / 12	25-08-00	7-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	238.98 149.00		
	2	T5 Hip	10 / 12	25-08-00	8-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	251.76 159.33		
	2	T6 Hip	10 / 12	25-08-00	9-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	266.63 169.00		
	2	T7 Hip	10 / 12	25-08-00	10-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	258.06 163.33		
	2	T8 Hip	10 / 12	25-08-00	11-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	282.86 175.33		
	1	T10 Hip Girder	10 / 12	13-10-00	4-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	62.37 40.33		
	1	T11 Hip	10 / 12	13-10-00	5-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	61.08 40.17		
	1	T12 Hip	10 / 12	13-10-00	6-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	69.75 46.17		
	1	G40 GABLE	10 / 12	8-08-00	5-11-00	2 x 4	1-03-08 1-03-08	2-03-11 2-03-11	46.07 29.33		
	2	T40 Common	10 / 12	8-08-00	5-11-00	2 x 4	1-03-08 1-03-08	2-03-11 2-03-11	85.6 54.67		
	3	T41 Roof Special	10 / 12	21-00-00	11-02-11	2 x 4	1-03-08 1-03-08	1-07-11 2-03-11	363.14 231.50		
	1	T42 Common	10 / 12	20-07-08	11-02-11	2 x 4	1-03-08	1-07-11 3-07-07	115.42 73.00		

DELIVERY SHIPLIST



Lumber Yard: TAMARACK LUMBER
 Builder: BAYVIEW WELLINGTON
 Project: ALCONA SHORES
 Location: INNISFIL
 Model: S32-3-12G
 Lot #:
 Elevation: B

Job Track: 50469
 PlanLog: 204693
 Layout ID: 418576
 Ref #
 Page: 2 of 2
 Date: 11/14/2023
 Designer:
 Sales Rep: Rick DiCiano



Roof Trusses

PROFILE	QTY PLY	MARK TYPE	PITCH	SPAN	HEIGHT	LUMBER	OVERHANG LEFT RIGHT	HEEL HEIGHT LEFT RIGHT	LBS. BFT.	BUNDLE # STACK #	LOAD BY REMARKS
	1 2-ply	T50 Hip Girder	10 /12	25-08-00	4-01-04	2 x 4 2 x 6	1-03-08 1-03-08	1-07-11 1-07-11	267.68 168.67		
	1 2-ply	T50Z2 Hip Girder	10 /12	25-08-00	4-01-04	2 x 4 2 x 6	1-03-08 1-03-08	1-07-11 1-07-11	267.68 168.67		
	1 2-ply	T60 Jack-Closed Girder	6 /12	5-10-08	4-01-04	2 x 4 2 x 6		1-02-00 4-01-04	58.39 37.67		
	13	J1 Jack-Open	6 /12	5-10-08	4-01-04	2 x 4	1-03-08	1-02-00 4-01-04	218.33 138.67		
	7	J9 Jack-Open	5 /12	4-11-08	2-11-01	2 x 4	1-03-08	5-06 2-06-02	100.18 60.67		

TOTAL # TRUSS= 50

TOTAL BFT OF ALL TRUSSES= 2200.17

BFT.

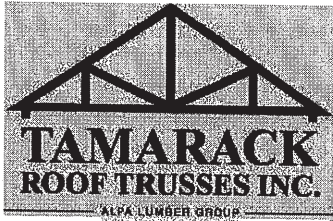
TOTAL WEIGHT OF ALL TRSSES 3470.65 LBS

HARDWARE

QTY	TYPE	MODEL	LENGTH
3	Hardware	LJS26DS	
2	Hardware	HGUS26-2	

TOTAL NUMBER OF ITEMS= 5

DELIVERY SHIPLIST



Lumber Yard: TAMARACK LUMBER
 Builder: BAYVIEW WELLINGTON
 Project: ALCONA SHORES
 Location: INNISFIL
 Model: S32-3-12G
 Lot #:
 Elevation: B REAR UPGRADE

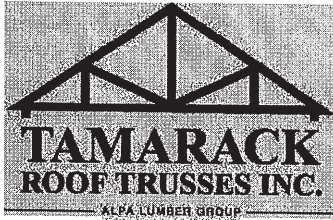
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 PlanLog: 204693
 Layout ID: 418578
 Ref #
 Page: 1 of 2
 Date: 11/14/2023
 Designer:
 Sales Rep: Rick DiCiano



Roof Trusses

PROFILE	QTY PLY	MARK TYPE	PITCH	SPAN	HEIGHT	LUMBER	OVERHANG LEFT RIGHT	HEEL HEIGHT LEFT RIGHT	LBS. BFT.	BUNDLE # STACK #	LOAD BY REMARKS
	2	T2 Hip	10 / 12	25-08-00	5-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	214.57 139.33		
	2	T3 Hip	10 / 12	25-08-00	6-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	242.13 155.33		
	2	T4 Hip	10 / 12	25-08-00	7-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	238.98 149.00		
	2	T5 Hip	10 / 12	25-08-00	8-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	251.76 159.33		
	2	T6 Hip	10 / 12	25-08-00	9-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	266.63 169.00		
	2	T7 Hip	10 / 12	25-08-00	10-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	258.06 163.33		
	2	T8 Hip	10 / 12	25-08-00	11-01-04	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	282.86 175.33		
	1	G40 GABLE	10 / 12	8-08-00	5-11-00	2 x 4	1-03-08 1-03-08	2-03-11 2-03-11	46.07 29.33		
	2	T40 Common	10 / 12	8-08-00	5-11-00	2 x 4	1-03-08 1-03-08	2-03-11 2-03-11	85.6 54.67		
	3	T41 Roof Special	10 / 12	21-00-00	11-02-11	2 x 4	1-03-08 1-03-08	1-07-11 2-03-11	363.14 231.50		
	1	T42 Common	10 / 12	20-07-08	11-02-11	2 x 4	1-03-08	1-07-11 3-07-07	115.42 73.00		
	1 2-ply	T50Z1 Hip Girder	10 / 12	25-08-00	4-01-04	2 x 4 2 x 6	1-03-08 1-03-08	1-07-11 1-07-11	267.68 168.67		
	1 2-ply	T50Z2 Hip Girder	10 / 12	25-08-00	4-01-04	2 x 4 2 x 6	1-03-08 1-03-08	1-07-11 1-07-11	267.68 168.67		
	1 2-ply	T60Z Jack-Closed Girder	6 / 12	5-10-08	4-01-04	2 x 4 2 x 6		1-02-00 4-01-04	58.39 37.67		

DELIVERY SHIPLIST



Lumber Yard: TAMARACK LUMBER
 Builder: BAYVIEW WELLINGTON
 Project: ALCONA SHORES
 Location: INNISFIL
 Model: S32-3-12G
 Lot #:
 Elevation: B REAR UPGRADE

Job Track: 50469
 PlanLog: 204693
 Layout ID: 418578
 Ref #
 Page: 2 of 2
 Date: 11/14/2023
 Designer:
 Sales Rep: Rick DiCiano



Roof Trusses

PROFILE	QTY PLY	MARK TYPE	PITCH	SPAN	HEIGHT	LUMBER	OVERHANG LEFT RIGHT	HEEL HEIGHT LEFT RIGHT	LBS. BFT.	BUNDLE # STACK #	LOAD BY REMARKS
	1	G100 GABLE	10 /12	13-10-00	7-04-14	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	69.05 45.17		
	5	T100 Common	10 /12	13-10-00	7-04-14	2 x 4	1-03-08 1-03-08	1-07-11 1-07-11	327.17 210.83		
	7	J1 Jack-Open	6 /12	5-10-08	4-01-04	2 x 4	1-03-08	1-02-00 4-01-04	117.56 74.67		
	7	J9 Jack-Open	5 /12	4-11-08	2-11-01	2 x 4	1-03-08	5-06 2-06-02	100.18 60.67		

TOTAL # TRUSS= 47

TOTAL BFT OF ALL TRUSSES= 2265.5

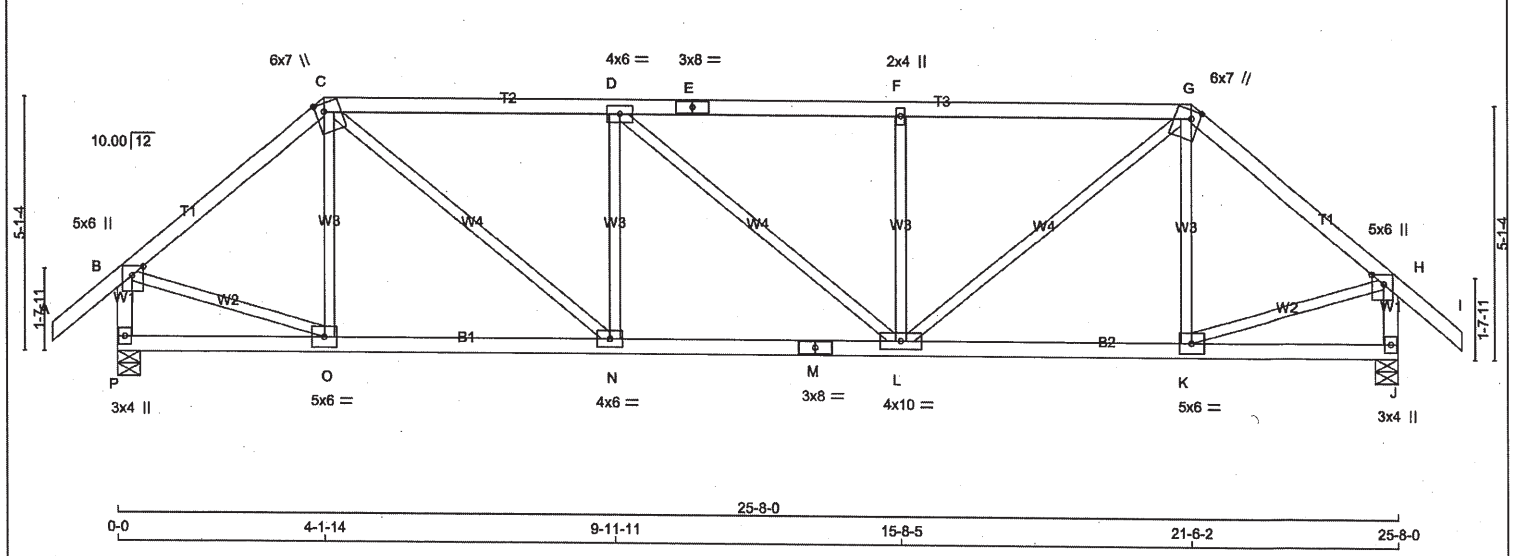
BFT.

TOTAL WEIGHT OF ALL TRSSES 3572.92 LBS

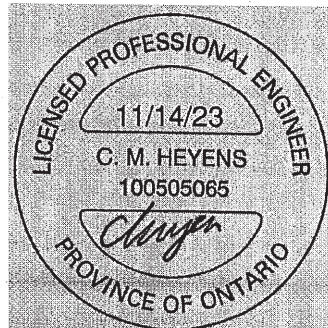
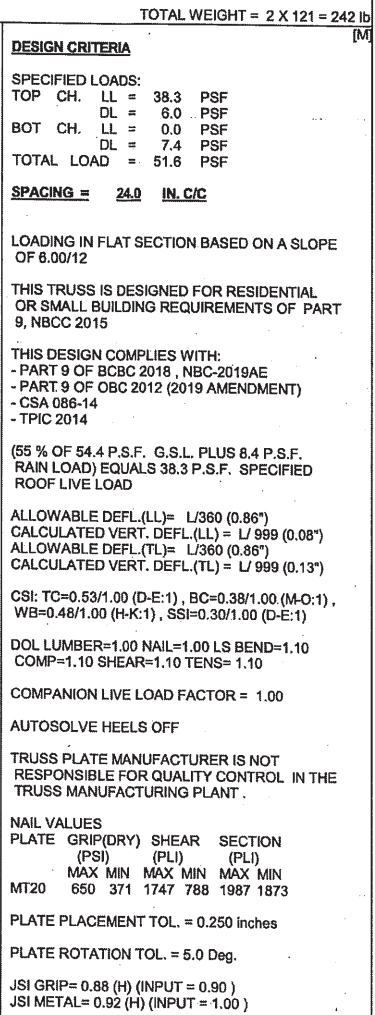
HARDWARE

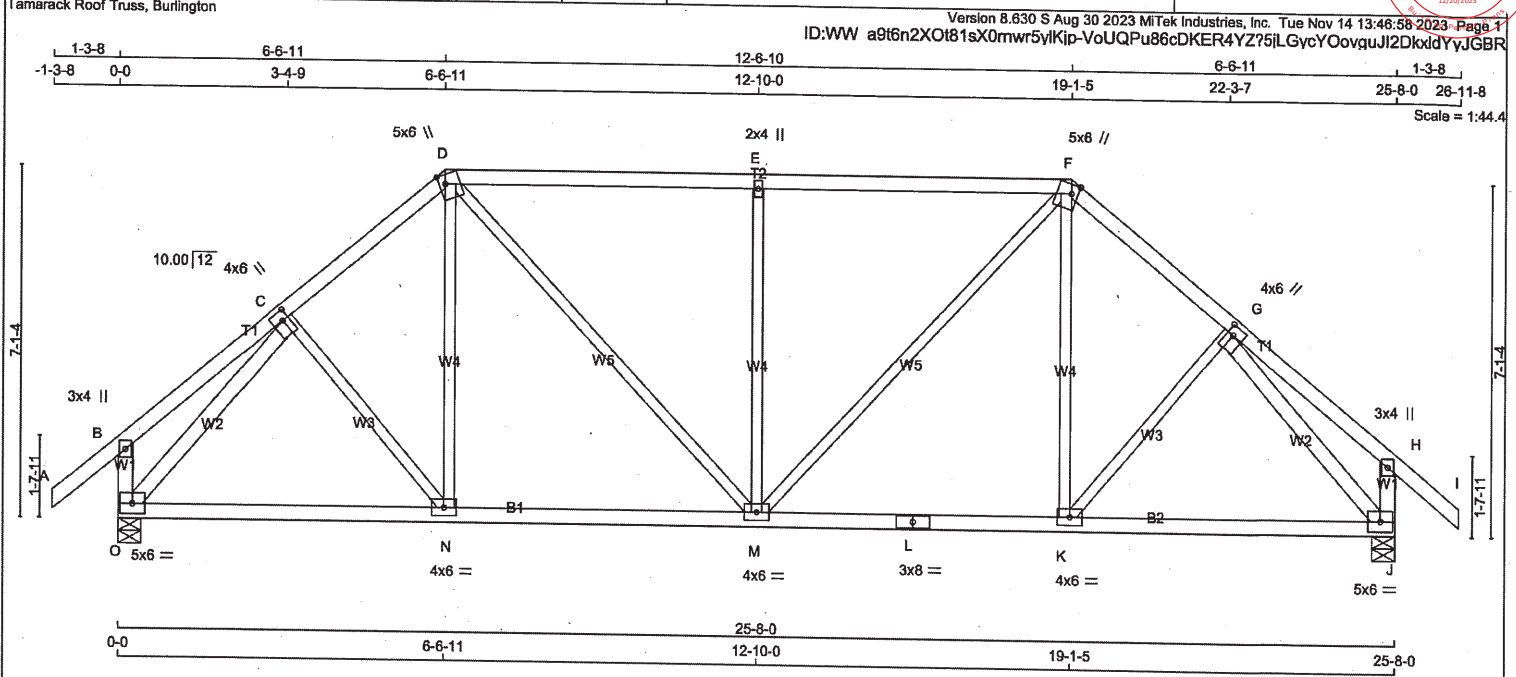
QTY	TYPE	MODEL	LENGTH
2	Hardware	HGUS26-2	
3	Hardware	LJS26DS	

TOTAL NUMBER OF ITEMS= 5



LUMBER				DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER								DESIGN CRITERIA			
N. L. G. A. RULES				BEARINGS								SPECIFIED LOADS:			
CHORDS	SIZE	LUMBER	DESCR.	FACTORED GROSS REACTION		MAXIMUM FACTORED GROSS REACTION		INPUT BRG		REQD BRG		TOP CH. LL = 38.3 PSF			
A - C	2x4	DRY	No.2	SPF	VERT	DOWN	HORIZ	0	0	5-8	3-4	DL = 6.0 PSF			
E - G	2x4	DRY	No.2	SPF	HORIZ	0	0	0	0	5-8	3-4	BOT CH. LL = 0.0 PSF			
G - I	2x4	DRY	No.2	SPF	VERT	DOWN	HORIZ	0	0	5-8	3-4	DL = 7.4 PSF			
P - B	2x4	DRY	No.2	SPF	HORIZ	0	0	0	0	5-8	3-4	TOTAL LOAD = 51.6 PSF			
J - H	2x4	DRY	No.2	SPF	VERT	DOWN	HORIZ	0	0	5-8	3-4	SPACING = 24.0 IN. C/C			
P - M	2x4	DRY	No.2	SPF	HORIZ	0	0	0	0	5-8	3-4	LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.00/12			
M - J	2x4	DRY	No.2	SPF	HORIZ	0	0	0	0	5-8	3-4	THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015			
ALL WEBS	2x3	DRY	No.2	SPF	VERT	DOWN	HORIZ	0	0	5-8	3-4	THIS DESIGN COMPLIES WITH:			
EXCEPT												- PART 9 OF BCBC 2018, NBC-2019AE			
DRY: SEASONED LUMBER.				UNFACTORED REACTIONS								- PART 9 OF OBC 2012 (2019 AMENDMENT)			
				1ST LCASE MAX./MIN. COMPONENT REACTIONS								- CSA 086-14			
				JT COMBINED SNOW LIVE PERM.LIVE WIND DEAD SOIL								- TPIC 2014			
				P 1448 1087 / 0 0 / 0 0 / 0 0 / 0 361 / 0 0 / 0								(55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD			
				J 1448 1087 / 0 0 / 0 0 / 0 0 / 0 361 / 0 0 / 0								ALLOWABLE DEFL.(LL)= L/360 (0.86")			
												CALCULATED VERT. DEFL.(LL) = L/999 (0.11")			
												ALLOWABLE DEFL.(TL)= L/360 (0.86")			
												CALCULATED VERT. DEFL.(TL) = L/999 (0.19")			
												CSI: TC=0.78/1.00 (C-D:1), BC=0.46/1.00 (L-N:1), WB=0.33/1.00 (H-K:1), SSI=0.35/1.00 (C-D:1)			
												DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10			
												COMP=1.10 SHEAR=1.10 TENS=1.10			
												COMPANION LIVE LOAD FACTOR = 1.00			
												AUTOSOLVE HEELS OFF			
												TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.			
												NAIL VALUES			
												PLATE GRIP(DRY) SHEAR SECTION (PSI) (PLI) (PLI)			
												MAX MIN MAX MIN MAX MIN			
												MT20 650 371 1747 788 1987 1873			
												PLATE PLACEMENT TOL. = 0.250 inches			
												PLATE ROTATION TOL. = 5.0 Deg.			
												JSI GRIP= 0.86 (N) (INPUT = 0.90)			
												JSI METAL= 0.78 (M) (INPUT = 1.00)			





LUMBER

N. L. G. A. RULES

CHORDS	SIZE	LUMBER	DESCR.
A - D	2x4	DRY	No.2
D - F	2x4	DRY	No.2
F - I	2x4	DRY	No.2
O - B	2x4	DRY	No.2
J - H	2x4	DRY	No.2
O - L	2x4	DRY	No.2
L - J	2x4	DRY	No.2
ALL WEBS	2x3	DRY	No.2
EXCEPT			
O - C	2x4	DRY	No.2
G - J	2x4	DRY	No.2

DRY: SEASONED LUMBER.

PLATES (table is in inches)

JT TYPE	PLATES	W	LEN	Y	X
B TMV+p	MT20	3.0	4.0		
C TMWW+H	MT20	4.0	6.0	2.25	1.50
D TTWW+m	MT20	5.0	6.0	2.25	1.50
E TMW+w	MT20	2.0	4.0		
F TTWW+m	MT20	5.0	6.0	2.25	1.50
G TMWW+H	MT20	4.0	6.0	2.25	1.50
H TMV+p	MT20	3.0	4.0		
J BMVW1-t	MT20	5.0	6.0		
K BMWW-t	MT20	4.0	6.0		
L BS-t	MT20	3.0	8.0		
M BMWWW-t	MT20	4.0	6.0		
N BMWW-t	MT20	4.0	6.0		
O BMVW1-t	MT20	5.0	6.0		

NOTES-

1) Lateral braces to be a minimum of 2X4 SPF #2.

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS

JT	FACTORED GROSS REACTION VERT	FACTORED GROSS REACTION HORZ	INPUT BRG UPLIFT IN-SX	REQRD BRG IN-SX
O	2082	0	2082	0
J	2082	0	2082	0

UNFACTORED REACTIONS

JT	1ST LCASE COMBINED	MAX/MIN. SNOW	MAX/MIN. LIVE	MAX/MIN. PERM. LIVE	WIND	DEAD	SOIL
O	1448	1087 / 0	0 / 0	0 / 0	0 / 0	361 / 0	0 / 0
J	1448	1087 / 0	0 / 0	0 / 0	0 / 0	361 / 0	0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) O, J

BRACING

TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 3.88 FT.

MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

LOADING

TOTAL LOAD CASES: (4)

CHORDS	MEMB.	MAX. FACTORED FORCE (LBS)	FACTORED VERT. LOAD (PLF)	MAX. FACTORED HORZ. LOAD (PLF)	MAX. FACTORED UNBRACED LENGTH	WEBS	MEMB.	MAX. FACTORED FORCE (LBS)	MAX. FACTORED CSI (LC)
FR-TO	A-B	0 / 58	-129.7	-129.7	0.18 (1)	10.00	C-N	0 / 49	0.02 (4)
	B-C	0 / 30	-129.7	-129.7	0.21 (1)	10.00	N-D	0 / 125	0.04 (4)
	C-D	-1830 / 0	-129.7	-129.7	0.20 (1)	4.78	D-M	0 / 748	0.17 (1)
	D-E	-1888 / 0	-129.7	-129.7	0.72 (1)	3.88	M-E	-999 / 0	0.87 (1)
	E-F	-1888 / 0	-129.7	-129.7	0.72 (1)	3.88	M-F	0 / 748	0.17 (1)
	F-G	-1830 / 0	-129.7	-129.7	0.20 (1)	4.78	K-F	0 / 125	0.04 (4)
	G-H	0 / 30	-129.7	-129.7	0.21 (1)	10.00	K-G	0 / 49	0.02 (4)
	H-I	0 / 58	-129.7	-129.7	0.18 (1)	10.00	O-C	-2173 / 0	0.67 (1)
	O-B	-343 / 0	0.0	0.0	0.04 (1)	7.81	G-J	-2173 / 0	0.67 (1)
	J-H	-343 / 0	0.0	0.0	0.04 (1)	7.81			
	O-N	0 / 1367	-18.5	-18.5	0.33 (1)	10.00			
	N-M	0 / 1380	-18.5	-18.5	0.33 (1)	10.00			
	M-L	0 / 1380	-18.5	-18.5	0.33 (1)	10.00			
	L-K	0 / 1380	-18.5	-18.5	0.33 (1)	10.00			
	K-J	0 / 1367	-18.5	-18.5	0.33 (1)	10.00			

DESIGN CRITERIA

SPECIFIED LOADS:

TOP CH. LL = 38.3 PSF

DL = 6.0 PSF

BOT CH. LL = 0.0 PSF

DL = 7.4 PSF

TOTAL LOAD = 51.6 PSF

SPACING = 24.0 IN. C/C

LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.00/12

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015

THIS DESIGN COMPLIES WITH:

- PART 9 OF BCBC 2018, NBC-2019AE
- PART 9 OF OBC 2012 (2019 AMENDMENT)
- CSA 086-14
- TPIC 2014

(55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL) = L/360 (0.86")

CALCULATED VERT. DEFL.(LL) = L/999 (0.07")

ALLOWABLE DEFL.(TL) = L/360 (0.86")

CALCULATED VERT. DEFL.(TL) = L/999 (0.11")

CSI: TC=0.72/1.00 (D-E:1), BC=0.33/1.00 (M-N:1), WB=0.87/1.00 (E-M:1), SS=0.39/1.00 (D-E:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10

COMP=1.10 SHEAR=1.10 TENS=1.10

COMPANION LIVE LOAD FACTOR = 1.00

AUTOSOLVE HEELS OFF

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

NAIL VALUES

PLATE GRIP(DRY) SHEAR SECTION (PSI) (PLI) (PLI)

MAX MIN MAX MIN MAX MIN

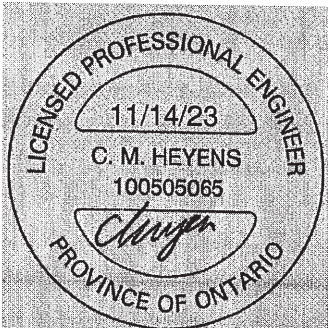
MT20 650 371 1747 788 1987 1873

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.89 (M) (INPUT = 0.90)

JSI METAL = 0.94 (G) (INPUT = 1.00)

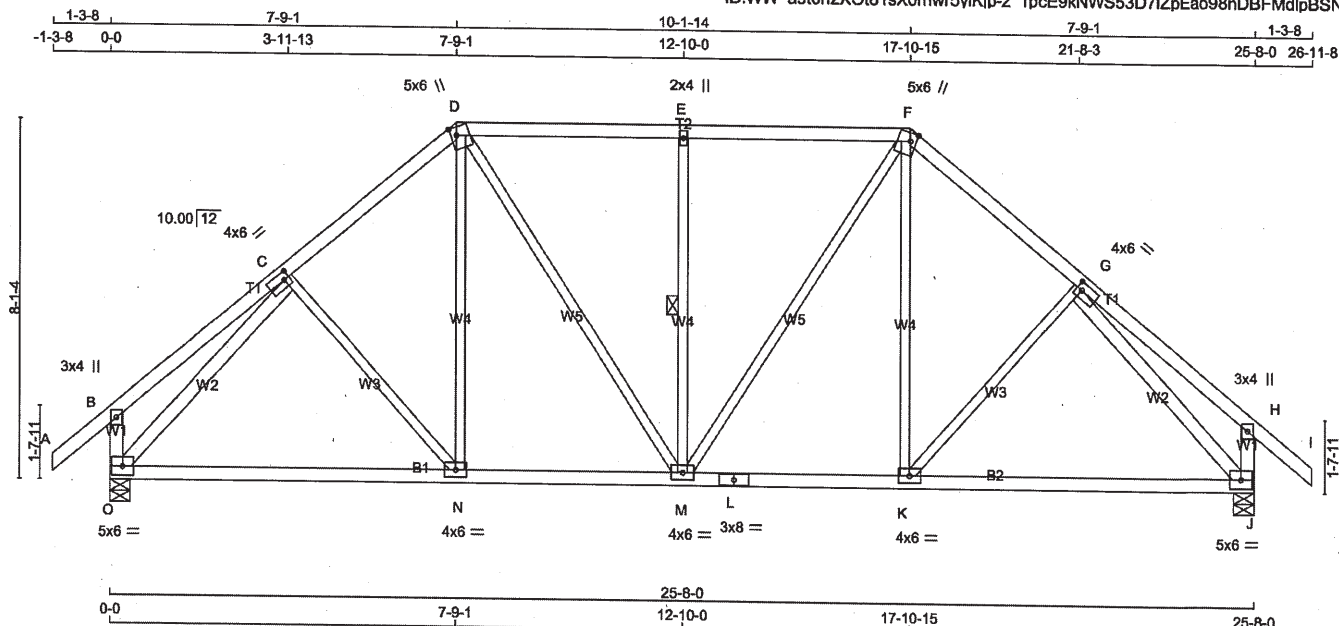


STRUCTURAL COMPONENT ONLY
 DWG # TR23111030

JOB NAME 418574	TRUSS NAME T5	QUANTITY 2	PLY 1	JOB DESC. BAYVIEW WELLINGTON	DRWG NO.
Tamarack Roof Truss, Burlington					

Version 8.630 S Aug 30 2023 MiTek Industries, Inc. Tue Nov 14 13:46:59 2023 Page 1
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LUMBER				
N. L. G. A. RULES	CHORDS	SIZE	LUMBER	DESCR.
A - D	2x4	DRY	No.2	SPF
D - F	2x4	DRY	No.2	SPF
F - I	2x4	DRY	No.2	SPF
O - B	2x4	DRY	No.2	SPF
J - H	2x4	DRY	No.2	SPF
O - L	2x4	DRY	No.2	SPF
L - J	2x4	DRY	No.2	SPF

ALL WEBS EXCEPT				
O - C	2x4	DRY	No.2	SPF
G - J	2x4	DRY	No.2	SPF

DRY: SEASONED LUMBER.

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS		FACTORED GROSS REACTION	MAXIMUM FACTORED GROSS REACTION	INPUT BRG	REQRD BRG
JT.	VERT	HORZ	DOWN	UPLIFT	IN-SX
O	2082	0	2082	0	5-8
J	2082	0	2082	0	5-8

UNFACTORED REACTIONS

JT	1ST LCASE	SNOW	LIVE	PERM.LIVE	WIND	DEAD	SOIL
O	1448	1087 / 0	0 / 0	0 / 0	0 / 0	361 / 0	0 / 0
J	1448	1087 / 0	0 / 0	0 / 0	0 / 0	361 / 0	0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) O, J

BRACING

TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 4.67 FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

1 LATERAL BRACE(S) AT 1/2 LENGTH OF E-M.

END VERTICAL(S) MUST BE SHEATHED OR HAVE BRACES AS INDICATED IN THE MAX. UNBRACED LENGTH COLUMN OF THE TABLE BELOW

LOADING

TOTAL LOAD CASES: (4)

CHORDS		FACTORED		W E B S	
MEMB.	FORCE (LBS)	VERT. LOAD	LC1 MAX (PLF)	MEMB.	FORCE (LBS)
FR-TO		FROM	TO	FR-TO	
A-B	0 / 58	-129.7	-129.7	C-N	-114 / 25
B-C	0 / 37	-129.7	-129.7	N-D	0 / 238
C-D	-1776 / 0	-129.7	-129.7	D-M	0 / 508
D-E	-1613 / 0	-129.7	-129.7	M-E	-802 / 0
E-F	-1613 / 0	-129.7	-129.7	M-F	0 / 508
F-G	-1776 / 0	-129.7	-129.7	K-F	0 / 238
G-H	0 / 37	-129.7	-129.7	K-G	-114 / 25
H-I	0 / 58	-129.7	-129.7	O-C	-2170 / 0
O-B	-371 / 0	0.0	0.0	G-J	-2170 / 0
J-H	-371 / 0	0.0	0.0		
O-N	0 / 1408	-18.5	-18.5		
N-M	0 / 1335	-18.5	-18.5		
M-L	0 / 1335	-18.5	-18.5		
L-K	0 / 1335	-18.5	-18.5		
K-J	0 / 1408	-18.5	-18.5		

DESIGN CRITERIA

SPECIFIED LOADS:

TOP CH. LL	= 38.3 PSF
DL	= 6.0 PSF
BOT CH. LL	= 0.0 PSF
DL	= 7.4 PSF
TOTAL LOAD	= 51.6 PSF

SPACING = 24.0 IN. C/C

LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.00/12

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015

THIS DESIGN COMPLIES WITH:

- PART 9 OF BCBC 2018, NBC-2019AE
- PART 9 OF OBC 2012 (2019 AMENDMENT)
- CSA 086-14
- TPIC 2014

(55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL)= L/360 (0.86")
CALCULATED VERT. DEFL.(LL) = L/999 (0.06")
ALLOWABLE DEFL.(TL)= L/360 (0.86")
CALCULATED VERT. DEFL.(TL) = L/999 (0.14")

CSI: TC=0.46/1.00 (D-E:1), BC=0.37/1.00 (N-O:1), WB=0.92/1.00 (C-O:1), SSI=0.32/1.00 (E-F:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10
COMP=1.10 SHEAR=1.10 TENS=1.10

COMPANION LIVE LOAD FACTOR = 1.00

AUTOSOLVE HEELS OFF

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

NAIL VALUES

PLATE	GRIP(DRY)	SHEAR	SECTION
(PSI)	(PLI)	(PLI)	(PLI)
MT20	650	371	1747 788 1987 1873

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

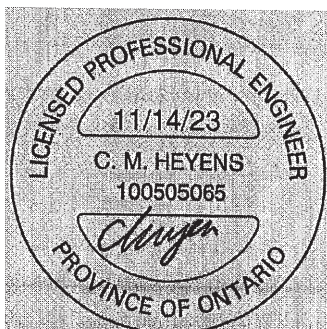
JSI GRIP= 0.86 (C) (INPUT = 0.90)
JSI METAL = 0.49 (G) (INPUT = 1.00)

PLATES (table is in inches)

JT	TYPE	PLATES	W.	LEN	Y	X
B	TMV+p	MT20	3.0	4.0		
C	TMVW-t	MT20	4.0	6.0	2.00	1.50
D	TTVW+m	MT20	5.0	6.0	2.25	1.50
E	TMV+w	MT20	2.0	4.0		
F	TTVW+m	MT20	5.0	6.0	2.25	1.50
G	TMVW-t	MT20	4.0	6.0	2.00	1.50
H	TMV+p	MT20	3.0	4.0		
J	BMVW-t	MT20	5.0	6.0		
K	BMVW-t	MT20	4.0	6.0		
L	BS-t	MT20	3.0	8.0		
M	BMVWV-t	MT20	4.0	6.0		
N	BMVW-t	MT20	4.0	6.0		
O	BMVW-t	MT20	5.0	6.0		

NOTES-

- 1) Lateral braces to be a minimum of 2X4 SPF #2.



STRUCTURAL COMPONENT ONLY
DWG # TR23111031

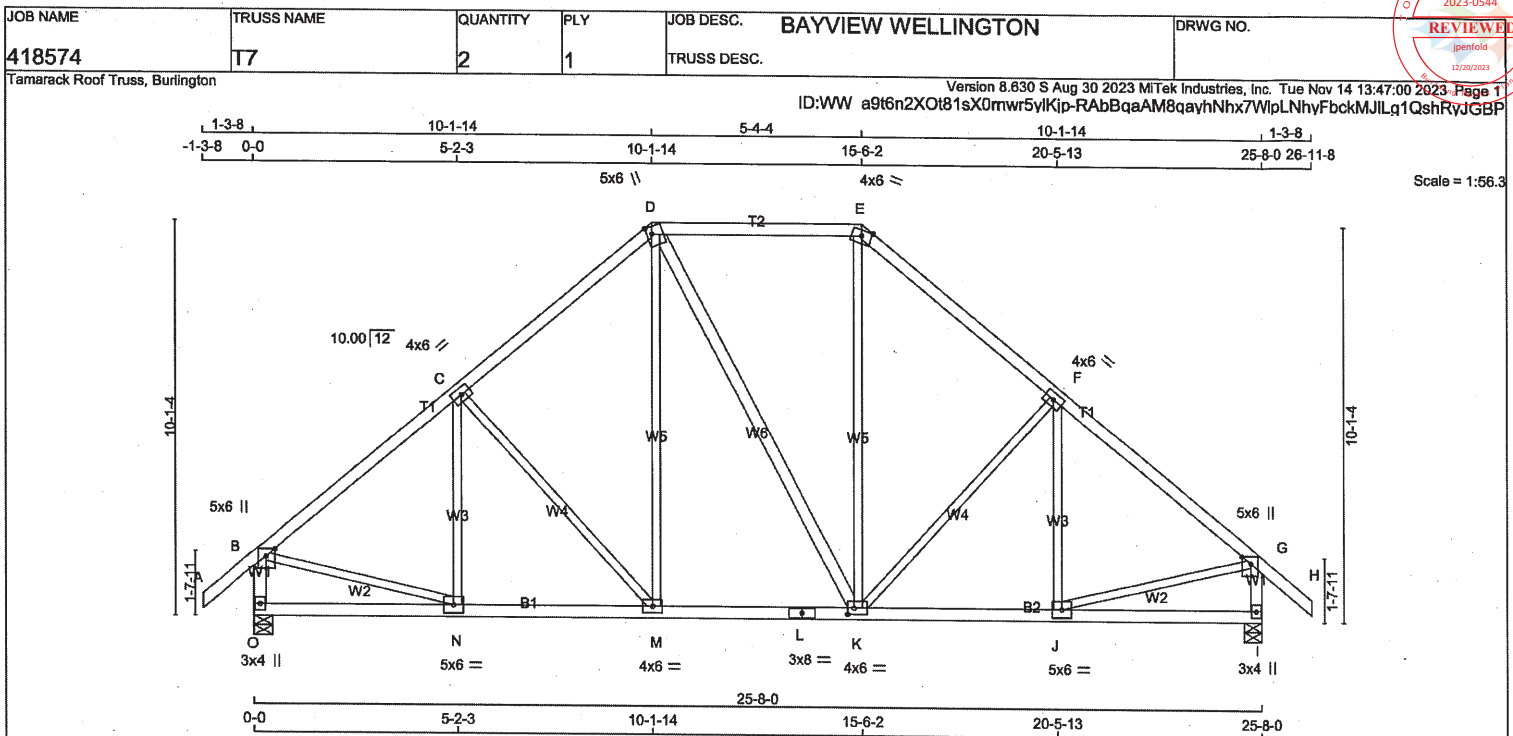


JSI GRIP= 0.85 (H) (INPUT = 0.90)
JSI METAL= 0.38 (M) (INPUT = 1.00)

CHORDS					WEBS			
MEMB.	MAX. FACTORED FORCE (LBS)	FACTORED VERT. LOAD (PLF)	MAX. LOAD LC1	MAX. CSI (LC)	MAX. UNBRAC	MEMB.	MAX. FACTORED FORCE (LBS)	MAX. CSI (LC)
FR-TO		FROM TO			LENGTH	FR-TO		
A-B	0 / 58	-129.7	-129.7	0.18 (1)	10.00	P-C	-327 / 1	0.15 (1)
B-C	-1861 / 0	-129.7	-129.7	0.39 (1)	4.53	C-O	-307 / 0	0.26 (1)
C-D	-1692 / 0	-129.7	-129.7	0.37 (1)	4.72	O-D	0 / 310	0.07 (1)
D-E	-1412 / 0	-129.7	-129.7	0.26 (1)	5.21	L-F	0 / 310	0.07 (1)
E-F	-1412 / 0	-129.7	-129.7	0.26 (1)	5.21	L-G	-307 / 0	0.26 (1)
F-G	-1692 / 0	-129.7	-129.7	0.37 (1)	4.72	K-G	-327 / 1	0.15 (1)
G-H	-1861 / 0	-129.7	-129.7	0.39 (1)	4.53	B-P	0 / 1521	0.34 (1)
H-I	0 / 58	-129.7	-129.7	0.18 (1)	10.00	K-H	0 / 1521	0.34 (1)
Q-B	-2045 / 0	0.0	0.0	0.22 (1)	5.91	N-E	-602 / 0	0.32 (1)
J-H	-2045 / 0	0.0	0.0	0.22 (1)	5.91	N-F	0 / 364	0.08 (1)
						D-N	0 / 364	0.08 (1)
Q-P	0 / 0	-18.5	-18.5	0.09 (4)	10.00			
P-O	0 / 1463	-18.5	-18.5	0.27 (1)	10.00			
O-N	0 / 1265	-18.5	-18.5	0.24 (1)	10.00			
N-M	0 / 1265	-18.5	-18.5	0.24 (1)	10.00			
M-L	0 / 1265	-18.5	-18.5	0.24 (1)	10.00			
L-K	0 / 1463	-18.5	-18.5	0.27 (1)	10.00			
K-J	0 / 0	-18.5	-18.5	0.09 (4)	10.00			

NOTES-
1) Lateral braces to be a minimum of 2X4 SPF #2.





LUMBER			
N. L. G. A. RULES			
CHORDS	SIZE	LUMBER	DESCR.
A - D	2x4	DRY	No.2
D - E	2x4	DRY	No.2
E - H	2x4	DRY	No.2
O - B	2x4	DRY	No.2
I - G	2x4	DRY	No.2
O - L	2x4	DRY	No.2
L - I	2x4	DRY	No.2

ALL WEBS			
EXCEPT	SIZE	LUMBER	DESCR.
D - K	2x4	DRY	No.2

DRY: SEASONED LUMBER.

PLATES (table is in inches)

JT	TYPE	PLATES	W	LEN	Y	X
B	TMVW+p	MT20	5.0	6.0	Edge	2.75
C	TMVW-t	MT20	4.0	6.0		
D	TTWW+m	MT20	5.0	6.0	2.25	1.50
E	TTW-m	MT20	4.0	6.0	Edge	
F	TMVW-t	MT20	4.0	6.0		
G	TMVW+p	MT20	5.0	6.0	Edge	2.75
I	BMV1+p	MT20	3.0	4.0		
J	BMVW-t	MT20	5.0	6.0		
K	BMVW-t	MT20	4.0	6.0	2.00	2.00
L	BS-t	MT20	3.0	8.0		
M	BMVW-t	MT20	4.0	6.0		
N	BMVW-t	MT20	5.0	6.0		
O	BMV1+p	MT20	3.0	4.0		

Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.

NOTES-

1) Lateral braces to be a minimum of 2X4 SPF #2.

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS

JT	FACTORED GROSS REACTION		MAXIMUM FACTORED GROSS REACTION		INPUT BRG IN-SX	REQRD BRG IN-SX
	VERT	HORZ	DOWN	HORZ		
O	2082	0	2082	0	5-8	3-4
I	2082	0	2082	0	5-8	3-4

UNFACTORED REACTIONS

JT	1ST LCASE COMBINED		MAX/MIN. COMPONENT REACTIONS		WIND	DEAD	SOIL
	SNOW	LIVE	PERM.LIVE	WIND			
O	1448	1087 / 0	0 / 0	0 / 0	0 / 0	361 / 0	0 / 0
I	1448	1087 / 0	0 / 0	0 / 0	0 / 0	361 / 0	0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) O, I

BRACING

TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 4.36 FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

LOADING

TOTAL LOAD CASES: (4)

CHORDS				WEBS			
MEMB.	MAX. FACTORED FORCE (LBS)	FACTORED VERT. LOAD (PLF)	MAX LC1 (LC)	MEMB.	MAX. FACTORED FORCE (LBS)	MAX LC1 (LC)	
FR-TO		FROM	TO	FR-TO		FROM	TO
A-B	0 / 58	-129.7	-129.7 0.18 (1)	10.00	N-C	-269 / 25	0.15 (1)
B-C	-1873 / 0	-129.7	-129.7 0.50 (1)	4.36	C-M	-426 / 0	0.49 (1)
C-D	-1607 / 0	-129.7	-129.7 0.47 (1)	4.66	M-D	0 / 409	0.09 (1)
D-E	-1197 / 0	-129.7	-129.7 0.50 (1)	5.17	D-K	0 / 1	0.00 (1)
E-F	-1608 / 0	-129.7	-129.7 0.47 (1)	4.66	K-E	0 / 411	0.09 (1)
F-G	-1873 / 0	-129.7	-129.7 0.50 (1)	4.36	K-F	-425 / 0	0.49 (1)
G-H	0 / 58	-129.7	-129.7 0.18 (1)	10.00	J-F	-271 / 24	0.15 (1)
O-B	-2041 / 0	0.0	0.0 0.22 (1)	5.92	B-N	0 / 1524	0.34 (1)
I-G	-2041 / 0	0.0	0.0 0.22 (1)	5.92	J-G	0 / 1523	0.34 (1)
O-N	0 / 0	-18.5	-18.5 0.11 (4)	10.00			
N-M	0 / 1478	-18.5	-18.5 0.29 (1)	10.00			
M-L	0 / 1196	-18.5	-18.5 0.25 (1)	10.00			
L-K	0 / 1196	-18.5	-18.5 0.25 (1)	10.00			
K-J	0 / 1477	-18.5	-18.5 0.29 (1)	10.00			
J-I	0 / 0	-18.5	-18.5 0.11 (4)	10.00			

TOTAL WEIGHT = 2 X 129 = 258 lb

DESIGN CRITERIA

SPECIFIED LOADS:

TOP CH.	LL	= 38.3	PSF
	DL	= 6.0	PSF
BOT CH.	LL	= 0.0	PSF
	DL	= 7.4	PSF
TOTAL LOAD	=	51.6	PSF

SPACING = 24.0 IN. C/C

LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.00/12

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015

THIS DESIGN COMPLIES WITH:

- PART 9 OF BCBC 2018, NBC-2019AE
- PART 9 OF OBC 2012 (2019 AMENDMENT)
- CSA 086-14
- TPIC 2014

(55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL) = $L/360$ (0.86")
CALCULATED VERT. DEFL.(LL) = $L/999$ (0.05")
ALLOWABLE DEFL.(TL) = $L/360$ (0.86")
CALCULATED VERT. DEFL.(TL) = $L/999$ (0.10")

CSI: TC=0.50/1.00 (B-C:1), BC=0.29/1.00 (J-K:1),
WB=0.49/1.00 (C-M:1), SSI=0.27/1.00 (D-E:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10
COMP=1.10 SHEAR=1.10 TENS=1.10

COMPANION LIVE LOAD FACTOR = 1.00

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

NAIL VALUES

PLATE	GRIP(DRY)	SHEAR	SECTION
	(PSI)	(PLI)	(PLI)
MT20	650	371	1747 788 1987 1873

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

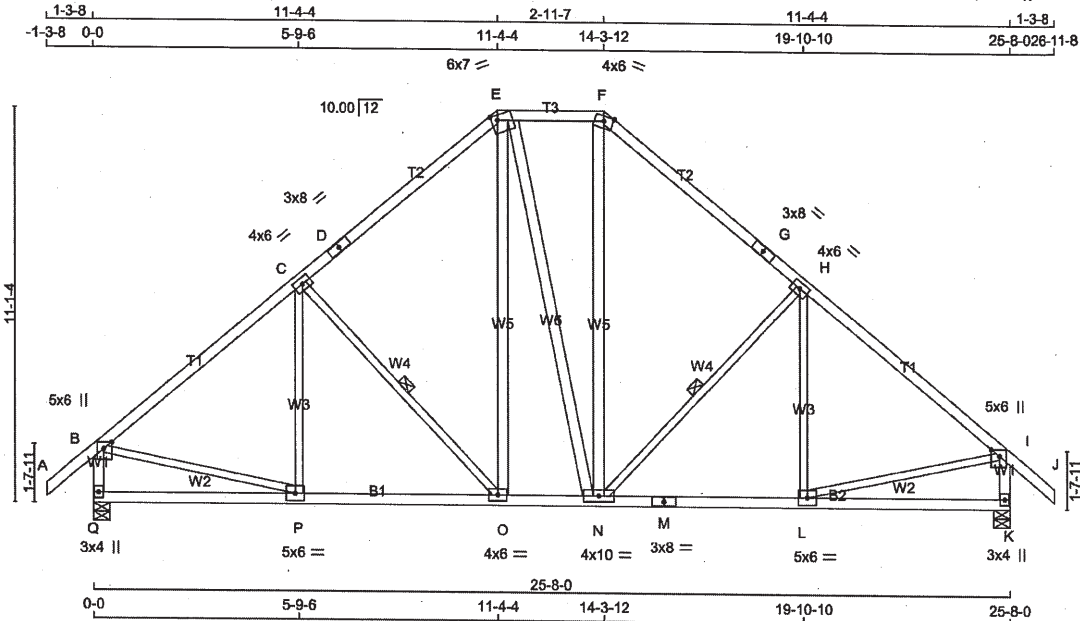
JSI GRIP= 0.86 (B) (INPUT = 0.90)
JSI METAL= 0.36 (B) (INPUT = 1.00)



STRUCTURAL COMPONENT ONLY
DWG # TR23111033

Tamarack Roof Truss, Burlington

ID:WW a9t6n2XO81sX0mrw5vKjp-vN9Z1wA v8ipIXG8gEG2taE4n7yd5oJUVhAPEtyJGBO



Scale = 1:61.9

LUMBER			
N. L. G. A. RULES	CHORDS	SIZE	LUMBER
A - D	2x4	DRY	No.2
D - E	2x4	DRY	No.2
E - F	2x4	DRY	No.2
F - G	2x4	DRY	No.2
G - J	2x4	DRY	No.2
Q - B	2x4	DRY	No.2
K - I	2x4	DRY	No.2
Q - M	2x4	DRY	No.2
M - K	2x4	DRY	No.2
ALL WEBS	2x3	DRY	No.2
EXCEPT			
Q - E	2x4	DRY	No.2
E - N	2x4	DRY	No.2
N - F	2x4	DRY	No.2

DRY: SEASONED LUMBER.

PLATES (table is in inches)				
JT	TYPE	PLATES	W	LEN Y X
B	TMVW+p	MT20	5.0	6.0 Edge 2.75
C	TMVW-t	MT20	4.0	8.0
D	TS-t	MT20	3.0	8.0
E	TTWW-m	MT20	6.0	7.0 1.75 2.00
F	TTW-m	MT20	4.0	6.0 Edge
G	TS-t	MT20	3.0	8.0
H	TMVW-t	MT20	4.0	8.0
I	TMVW+p	MT20	5.0	6.0 Edge 2.75
K	BMV1+p	MT20	3.0	4.0
L	BMVW-t	MT20	5.0	6.0
M	BS-t	MT20	3.0	8.0
N	BMVW-t	MT20	4.0	10.0
O	BMVW-t	MT20	4.0	6.0
P	BMVW-t	MT20	5.0	6.0
Q	BMV1+p	MT20	3.0	4.0

Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.

NOTES-
1) Lateral braces to be a minimum of 2X4 SPF #2.

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

FACTORED GROSS REACTION		MAXIMUM FACTORED GROSS REACTION		INPUT BRG		REQRD BRG	
JT	VERT	HORZ	DOWN	HORZ	UPLIFT	IN-SX	IN-SX
Q	2082	0	2082	0	0	5-8	3-4
K	2082	0	2082	0	0	5-8	3-4

UNFACTORED REACTIONS

1ST LCASE		MAX/MIN. COMPONENT REACTIONS		LIVE		PERM. LIVE		WIND		DEAD		SOIL	
JT	COMBINED	SNOW	SNOW	SNOW	SNOW	SNOW	SNOW	SNOW	SNOW	SNOW	SNOW	SNOW	SNOW
Q	1448	1087 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	361 / 0	0 / 0	0 / 0	0 / 0
K	1448	1087 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	0 / 0	361 / 0	0 / 0	0 / 0	0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) Q, K

BRACING

TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 4.14 FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

1 LATERAL BRACE(S) AT 1/2 LENGTH OF C-O, H-N.

END VERTICAL(S) MUST BE SHEATHED OR HAVE BRACES AS INDICATED IN THE MAX. UNBRACED LENGTH COLUMN OF THE TABLE BELOW

LOADING

TOTAL LOAD CASES: (4)

CHORDS		FACTORED		WEBS		FACTORED	
MEMB.	FORCE (LBS)	VERT. LOAD	LC1 MAX	MEMB.	FORCE (LBS)	VERT. LOAD	LC1 MAX
FR-TO		FROM	TO	FR-TO		FROM	TO
A-B	0 / 58	-129.7	-129.7	0.18 (1)	10.00	P-C	-213 / 55
B-C	-1875 / 0	-129.7	-129.7	0.64 (1)	4.14	C-O	-545 / 0
C-D	-1509 / 0	-129.7	-129.7	0.59 (1)	4.58	O-E	0 / 466
D-E	-1509 / 0	-129.7	-129.7	0.59 (1)	4.58	E-N	0 / 5
E-F	-1120 / 0	-129.7	-129.7	0.16 (1)	5.82	N-F	0 / 471
F-G	-1511 / 0	-129.7	-129.7	0.59 (1)	4.58	N-H	-543 / 0
G-H	-1511 / 0	-129.7	-129.7	0.59 (1)	4.58	H-I	-216 / 54
H-I	-1875 / 0	-129.7	-129.7	0.64 (1)	4.14	B-P	0 / 1522
I-J	0 / 58	-129.7	-129.7	0.18 (1)	10.00	L-I	0 / 1521
Q-B	-2038 / 0	0.0	0.0	0.22 (1)	5.92		
K-I	-2037 / 0	0.0	0.0	0.22 (1)	5.92		
Q-P	0 / 0	-18.5	-18.5	0.15 (4)	10.00		
P-O	0 / 1484	-18.5	-18.5	0.31 (1)	10.00		
O-N	0 / 1119	-18.5	-18.5	0.23 (1)	10.00		
N-M	0 / 1484	-18.5	-18.5	0.31 (1)	10.00		
M-L	0 / 1484	-18.5	-18.5	0.31 (1)	10.00		
L-K	0 / 0	-18.5	-18.5	0.15 (4)	10.00		

TOTAL WEIGHT = 2 X 141 = 283 lb

DESIGN CRITERIA

SPECIFIED LOADS:
TOP CH. LL = 38.3 PSF
DL = 6.0 PSF
BOT CH. LL = 0.0 PSF
DL = 7.4 PSF
TOTAL LOAD = 51.6 PSF

SPACING = 24.0 IN. C/C

LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.00/12

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015

THIS DESIGN COMPLIES WITH:
- PART 9 OF BCBC 2018, NBC-2019AE
- PART 9 OF OBC 2012 (2019 AMENDMENT)
- CSA 086-14
- TPIC 2014

(55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL)= L/360 (0.86")
CALCULATED VERT. DEFL.(LL)= L/999 (0.06")
ALLOWABLE DEFL.(TL)= L/360 (0.86")
CALCULATED VERT. DEFL.(TL)= L/999 (0.11")

CSI: TC=0.64/1.00 (B-C:1), BC=0.31/1.00 (O-P:1), WB=0.34/1.00 (B-P:1), SSI=0.28/1.00 (B-C:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10
COMP=1.10 SHEAR=1.10 TENS=1.10

COMPANION LIVE LOAD FACTOR = 1.00

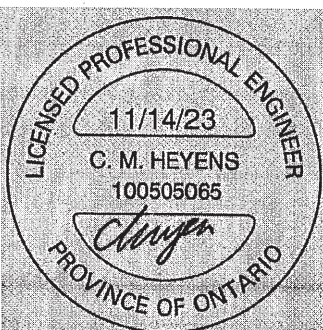
TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

NAIL VALUES
PLATE GRIP(DRY) SHEAR SECTION
(PSI) (PLI) (PLI)
MAX MIN MAX MIN MAX MIN
MT20 650 371 1747 788 1987 1873

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.87 (B) (INPUT = 0.90)
JSI METAL= 0.48 (M) (INPUT = 1.00)



STRUCTURAL COMPONENT ONLY
DWG # TR23111034

[illegible]

SPF

SPF

SPF

SPF

SPF

SPF

TOTAL WEIGHT = 62 lb

[M]

REQRD
BRG
IN-SX
2-12
2-12

REQRD
BRG
IN-SX
2-12
2-12

REQRD
BRG
IN-SX
2-12
2-12

REQRD
BRG
IN-SX
2-12
2-12

REQRD
BRG
IN-SX
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REQRD
BRG
IN-SX
2-12
2-12

REQRD
BRG
IN-SX
2-12
2-12

REQRD
BRG
IN-SX
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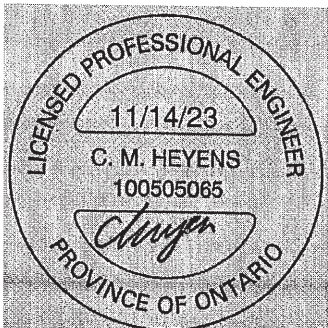
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Tamarack Roof Truss, Burlington				TRUSS DESC.	



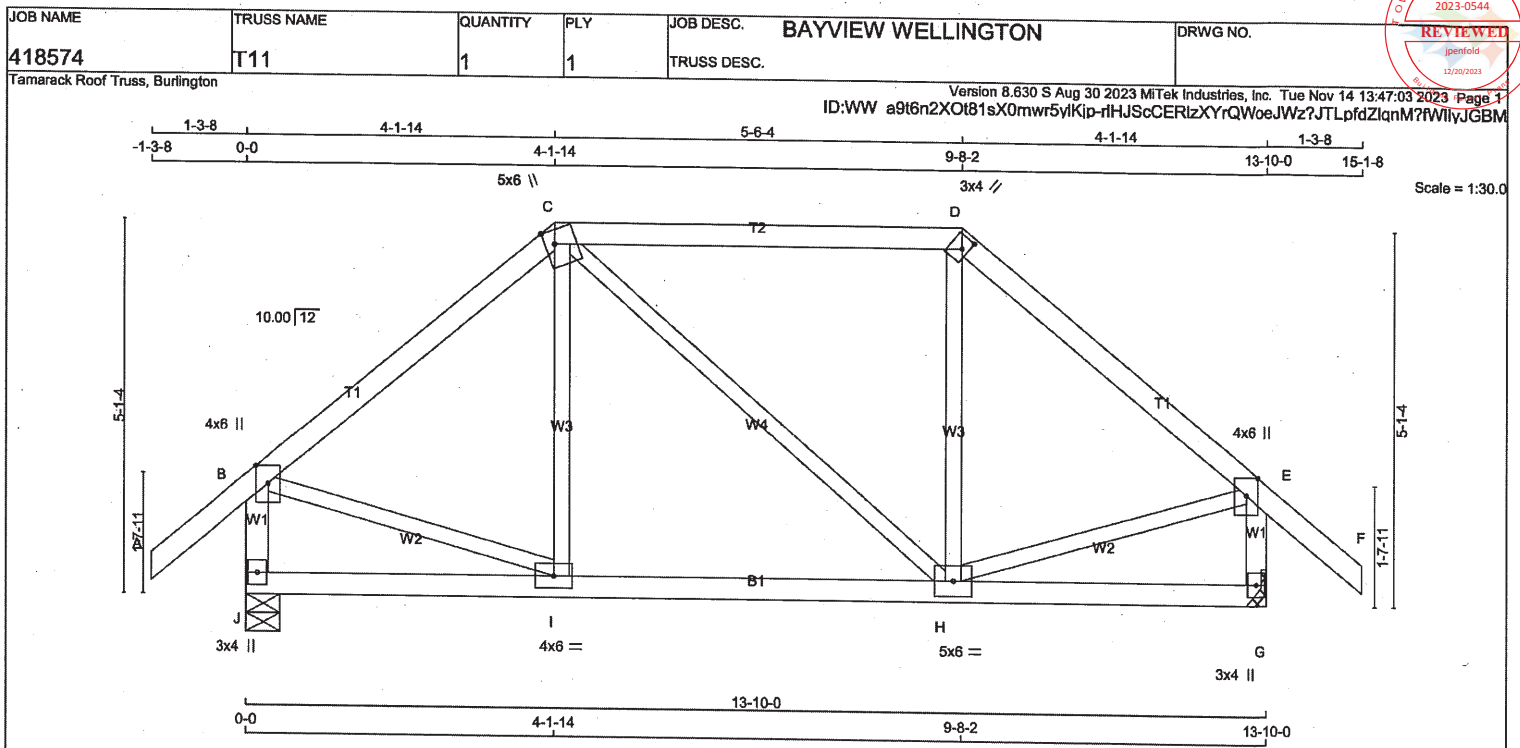
Version 8.630 S Aug 30 2023 MiTek Industries, Inc. Tue Nov 14 13:47:02 2023 Page 2
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CONNECTION REQUIREMENTS

- 1) C1: A SUITABLE HANGER/MECHANICAL CONNECTION IS REQUIRED.



STRUCTURAL COMPONENT ONLY
 DWG # TR23111035



LUMBER	N. L. G. A. RULES	CHORDS	SIZE	LUMBER	DESCR.
A - C	2x4	DRY	No.2	SPF	
C - D	2x4	DRY	No.2	SPF	
D - F	2x4	DRY	No.2	SPF	
J - B	2x4	DRY	No.2	SPF	
G - E	2x4	DRY	No.2	SPF	
J - G	2x4	DRY	No.2	SPF	
ALL WEBS EXCEPT	2x3	DRY	No.2	SPF	

DRY: SEASONED LUMBER.

PLATES (table is in inches)	JT TYPE	PLATES	W	LEN	Y	X
B	TMW+p	MT20	4.0	6.0	Edge	2.25 1.50
C	TTW+m	MT20	5.0	6.0	2.25 1.50	
D	TTW+h	MT20	3.0	4.0	2.00 1.00	
E	TMW+p	MT20	4.0	6.0	Edge	
G	BMV1+p	MT20	3.0	4.0		
H	BMWW-t	MT20	5.0	6.0		
I	BMWW-t	MT20	4.0	6.0		
J	BMV1+p	MT20	3.0	4.0		

Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.

NOTES-
1) Lateral braces to be a minimum of 2X4 SPF #2.

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS	FACTORED GROSS REACTION	MAXIMUM FACTORED GROSS REACTION	INPUT BRG	REQRD BRG
JT	VERT	HORZ	DOWN	HORZ
J	1205	0	1205	0
G	1205	0	1205	0

A SUITABLE HANGER/MECHANICAL CONNECTION IS REQUIRED AT JOINT G. MINIMUM BEARING LENGTH AT JOINT G = 1-8.

UNFACTORED REACTIONS

1ST LCASE	MAX/MIN. COMPONENT REACTIONS	SNOW	LIVE	PERM.LIVE	WIND	DEAD	SOIL
JT	COMBINED	837	635 / 0	0 / 0	0 / 0	202 / 0	0 / 0
G	837	635 / 0	0 / 0	0 / 0	0 / 0	202 / 0	0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) J

BRACING

TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 6.25 FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

LOADING

TOTAL LOAD CASES: (4)

CHORDS	MAX. FACTORED FORCE (LBS)	VERT. LOAD (PLF)	LC1	MAX	CS1 (LC)	UNBRACED LENGTH	FR-TO	WEBS	MAX. FACTORED FORCE (LBS)	MAX	CS1 (LC)
A-B	0 / 58	-129.7	-129.7	0.18 (1)	10.00	10.00	I-C	-97 / 58	0.04 (1)		
B-C	-826 / 0	-129.7	-129.7	0.30 (1)	6.25	6.25	C-H	0 / 2	0.00 (4)		
C-D	-632 / 0	-129.7	-129.7	0.51 (1)	6.25	6.25	H-D	-95 / 59	0.04 (1)		
D-E	-829 / 0	-129.7	-129.7	0.30 (1)	6.25	6.25	B-I	0 / 662	0.15 (1)		
E-F	0 / 58	-129.7	-129.7	0.18 (1)	10.00	10.00	H-E	0 / 664	0.15 (1)		
J-B	-1174 / 0	0.0	0.0	0.12 (1)	7.36	7.36					
G-E	-1173 / 0	0.0	0.0	0.12 (1)	7.36	7.36					
J-I	0 / 0	-18.5	-18.5	0.09 (4)	10.00	10.00					
I-H	0 / 631	-18.5	-18.5	0.15 (1)	10.00	10.00					
H-G	0 / 0	-18.5	-18.5	0.10 (4)	10.00	10.00					

DESIGN CRITERIA

SPECIFIED LOADS:
TOP CH. LL = 38.3 PSF
DL = 6.0 PSF
BOT CH. LL = 0.0 PSF
DL = 7.4 PSF
TOTAL LOAD = 51.6 PSF

SPACING = 24.0 IN. C/C

LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.00/12

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015

THIS DESIGN COMPLIES WITH:
- PART 9 OF BCBC 2018, NBC-2019AE
- PART 9 OF OBC 2012 (2019 AMENDMENT)
- CSA 086-14
- TPIC 2014

(55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL) = $L/360 (0.46")$
CALCULATED VERT. DEFL.(LL) = $L/999 (0.01")$
ALLOWABLE DEFL.(TL) = $L/360 (0.46")$
CALCULATED VERT. DEFL.(TL) = $L/999 (0.03")$

CSI: TC=0.51/1.00 (C-D:1), BC=0.15/1.00 (H-I:1), WB=0.15/1.00 (E-H:1), SI=0.28/1.00 (C-D:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10
COMP=1.10 SHEAR=1.10 TENS=1.10

COMPANION LIVE LOAD FACTOR = 1.00

AUTOSOLVE HEELS OFF

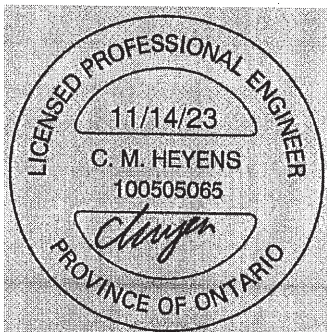
TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

NAIL VALUES
PLATE GRIP(DRY) SHEAR SECTION
(PSI) (PLI) (PLI)
MAX MIN MAX MIN MAX MIN
MT20 650 371 1747 788 1987 1873

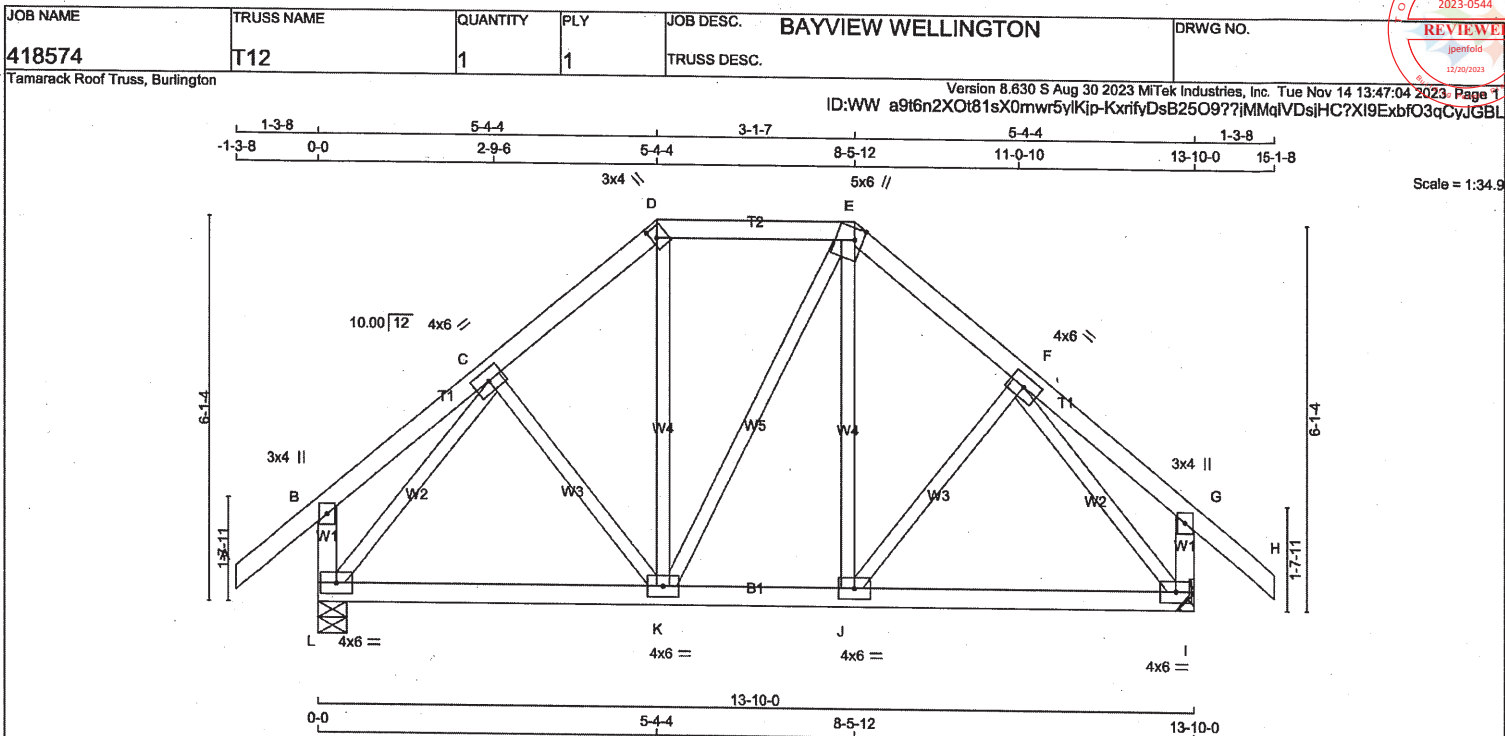
PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.73 (B) (INPUT = 0.90)
JSI METAL= 0.46 (E) (INPUT = 1.00)



STRUCTURAL COMPONENT ONLY
DWG # TR23111036



LUMBER					TOTAL WEIGHT = 70 lb													
N. L. G. A. RULES					[M]													
CHORDS		SIZE	LUMBER	DESCR.	DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER													
					BEARINGS													
					FACTORED		MAXIMUM FACTORED		INPUT		REQRD		DESIGN CRITERIA					
					GROSS REACTION		GROSS REACTION		BRG		BRG		SPECIFIED LOADS:					
					JT	VERT	HORZ	DOWN	HORZ	UPLIFT	IN-SX	IN-SX	TOP CH. LL = 38.3 PSF					
A - D					2x4	DRY	No.2	SPF	1205	0	1205	0	0	5-8	1-8	DL = 6.0 PSF		
D - E					2x4	DRY	No.2	SPF	1205	0	1205	0	0	MECHANICAL		BOT CH. LL = 0.0 PSF		
E - H					2x4	DRY	No.2	SPF								DL = 7.4 PSF		
L - B					2x4	DRY	No.2	SPF								TOTAL LOAD = 51.6 PSF		
I - G					2x4	DRY	No.2	SPF										
L - I					2x4	DRY	No.2	SPF										
ALL WEBS					2x3	DRY	No.2	SPF	A SUITABLE HANGER/MECHANICAL CONNECTION IS REQUIRED AT JOINT I. MINIMUM BEARING LENGTH AT JOINT I = 1-8.									

UNFACTORED REACTIONS

1ST LCASE	MAX/MIN. COMPONENT REACTIONS
JT COMBINED	SNOW LIVE PERM.LIVE WIND DEAD SOIL
L 837	635 / 0 0 / 0 0 / 0 202 / 0 0 / 0
I 837	635 / 0 0 / 0 0 / 0 202 / 0 0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) L

BRACING

TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 6.25 FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE LATERALLY RESTRAINED.

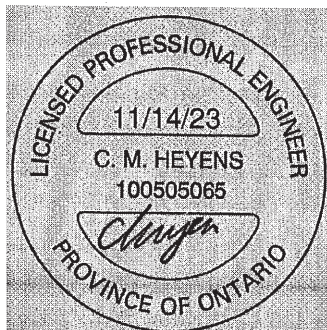
LOADING

TOTAL LOAD CASES: (4)

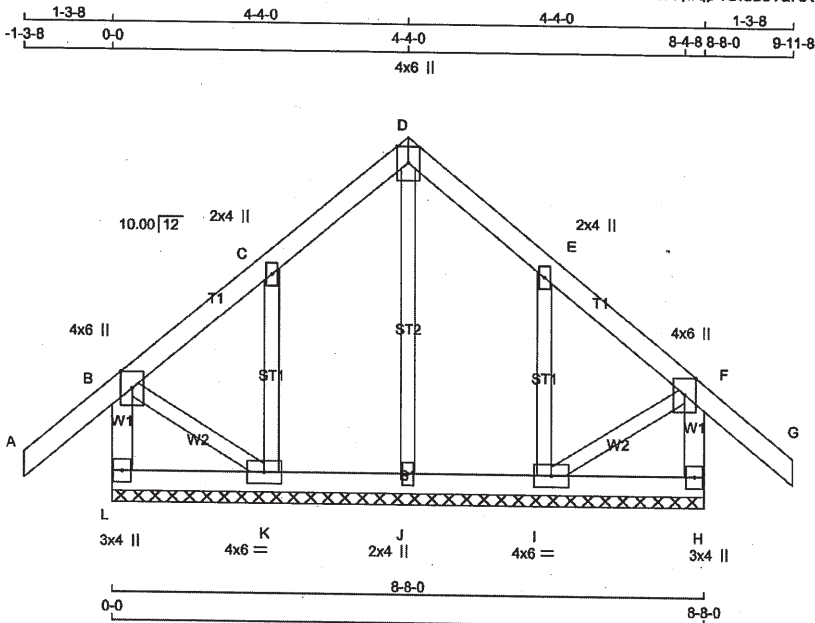
CHORDS				WEBS			
MEMB.	MAX. FACTORED FORCE (LBS)	FACTORED VERT. LOAD (PLF)	MAX. UNBRACED LENGTH (LC)	MEMB.	MAX. FACTORED FORCE (LBS)	MAX. UNBRACED LENGTH (LC)	
FR-TO		FROM TO		FR-TO			
A-B	0 / 58	-129.7 -129.7	0.18 (1)	10.00	C-K	-86 / 13	0.03 (1)
B-C	0 / 24	-129.7 -129.7	0.14 (1)	10.00	K-D	0 / 152	0.03 (1)
C-D	-789 / 0	-129.7 -129.7	0.11 (1)	6.25	K-E	0 / 0	0.00 (1)
D-E	-588 / 0	-129.7 -129.7	0.16 (1)	6.25	J-E	0 / 150	0.03 (1)
E-F	-789 / 0	-129.7 -129.7	0.11 (1)	6.25	J-F	-86 / 13	0.03 (1)
F-G	0 / 24	-129.7 -129.7	0.14 (1)	10.00	L-C	-1062 / 0	0.33 (1)
G-H	0 / 58	-129.7 -129.7	0.18 (1)	10.00	F-I	-1061 / 0	0.33 (1)
L-B	-313 / 0	0.0	0.03 (1)	7.81			
I-G	-313 / 0	0.0	0.03 (1)	7.81			
L-K	0 / 639	-18.5	-18.5	0.17 (1)	10.00		
K-J	0 / 588	-18.5	-18.5	0.15 (1)	10.00		
J-I	0 / 639	-18.5	-18.5	0.17 (1)	10.00		

NOTES:

1) Lateral braces to be a minimum of 2X4 SPF #2.



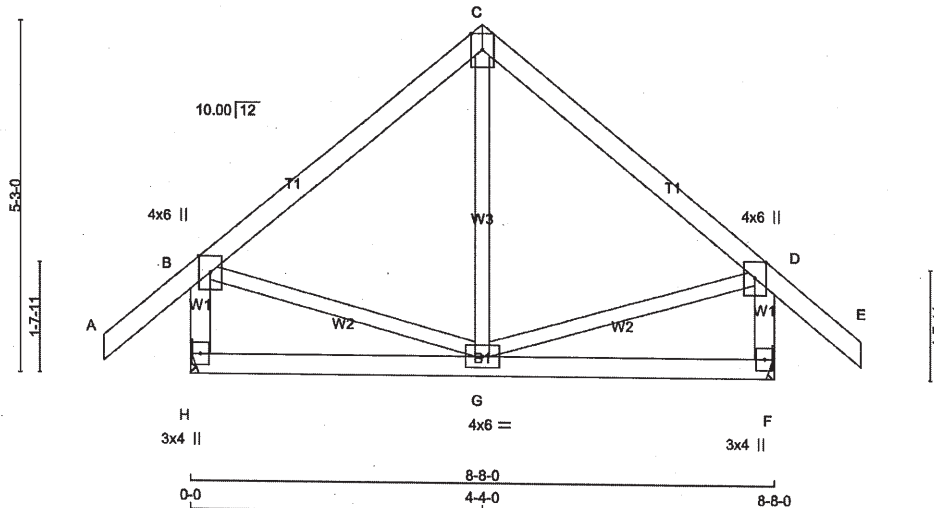
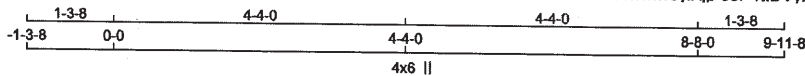
STRUCTURAL COMPONENT ONLY
DWG # TR23111037



LUMBER N. L. G. A. RULES CHORDS SIZE LUMBER L - B 2x4 DRY No.2 SPF A - D 2x4 DRY No.2 SPF D - G 2x4 DRY No.2 SPF H - F 2x4 DRY No.2 SPF L - H 2x4 DRY No.2 SPF ALL WEBS 2x3 DRY No.2 SPF ALL GABLE WEBS 2x3 DRY No.2 SPF DRY: SEASONED LUMBER. GABLE STUDS SPACED AT 2-0-0 OC.							DESIGN CRITERIA SPECIFIED LOADS: TOP CH. LL = 38.3 PSF DL = 6.0 PSF BOT CH. LL = 0.0 PSF DL = 7.4 PSF TOTAL LOAD = 51.6 PSF SPACING = 24.0 IN. C/C THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015 THIS DESIGN COMPLIES WITH: - PART 9 OF BCBC 2018 , NBC-2019AE - PART 9 OF OBC 2012 (2019 AMENDMENT) - CSA 086-14 - TPIC 2014 (55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD CSI: TC=0.18/1.00 (A-B:1) , BC=0.02/1.00 (J-K:4) , WB=0.07/1.00 (C-K:1) , SSI=0.11/1.00 (A-B:1) DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10 COMP=1.10 SHEAR=1.10 TENS= 1.10 COMPANION LIVE LOAD FACTOR = 1.00 TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT . NAIL VALUES PLATE GRIP(DRY) SHEAR SECTION (PSI) (PLI) (PLI) 						
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JOB NAME	TRUSS NAME	QUANTITY	PLY	JOB DESC.	DRWG NO.
418574	T30	4	1	BAYVIEW WELLINGTON	
Tamarack Roof Truss, Burlington					

Version 8.630 S Aug 30 2023 MiTek Industries, Inc. Tue Nov 14 13:47:05 2023. Page 1
ID:WW a9t6n2XOt81sX0mr5yIKjp-o8P4tIDVyMDen9avv3L 2QOscMy1qb4qJ8dNeyJGBK



LUMBER				DESIGN CRITERIA			
N. L. G. A. RULES	CHORDS	SIZE	LUMBER	DESCR.	SPF	FACTORED	MAXIMUM FACTORED
A - C	2x4	DRY	No.2	SPF	SPF	GROSS REACTION	INPUT
C - E	2x4	DRY	No.2	SPF	SPF	DOWN	BRG
H - B	2x4	DRY	No.2	SPF	SPF	HORZ	BRG
F - D	2x4	DRY	No.2	SPF	SPF	UPLIFT	IN-SX
H - F	2x4	DRY	No.2	SPF	SPF	MECHANICAL	IN-SX
ALL WEBS	2x3	DRY	No.2	SPF	SPF	MECHANICAL	MECHANICAL
EXCEPT							

DRY: SEASONED LUMBER.

PLATES (table is in inches)

JT	TYPE	PLATES	W	LEN	Y	X
B	TMVW+p	MT20	4.0	6.0	Edge	
C	TTW+p	MT20	4.0	6.0	Edge	
D	TMVW+p	MT20	4.0	6.0	Edge	
F	BMV1+p	MT20	3.0	4.0		
G	BMVWW-t	MT20	4.0	6.0		
H	BMV1+p	MT20	3.0	4.0		

Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

JT	VERT	HORZ	DOWN	HORZ	UPLIFT	IN-SX	IN-SX
H	822	0	822	0	0	MECHANICAL	MECHANICAL
F	822	0	822	0	0	MECHANICAL	MECHANICAL

A SUITABLE HANGER/MECHANICAL CONNECTION IS REQUIRED AT JOINT H, F. MINIMUM BEARING LENGTH AT JOINT H = 1-8, JOINT F = 1-8.

UNFACTORED REACTIONS

JT	COMBINED	SNOW	LIVE	PERM.LIVE	WIND	DEAD	SOIL
H	570	437 / 0	0 / 0	0 / 0	0 / 0	133 / 0	0 / 0
F	570	437 / 0	0 / 0	0 / 0	0 / 0	133 / 0	0 / 0

BRACING

TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 6.25 FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

LOADING

TOTAL LOAD CASES: (4)

MEMB.	MAX. FACTORED FORCE (LBS)	VERT. LOAD (PLF)	MAX. FACTORED FORCE (LBS)	MAX. FACTORED FORCE (LBS)	MEMB.	MAX. FACTORED FORCE (LBS)	MAX. FACTORED FORCE (LBS)
FR-TO					FR-TO		
A-B	0 / 58	-129.7 -129.7	0.18 (1)	10.00	G-C	-77 / 62	0.03 (1)
B-C	-379 / 0	-129.7 -129.7	0.31 (1)	6.25	B-G	0 / 304	0.07 (1)
C-D	-379 / 0	-129.7 -129.7	0.31 (1)	6.25	G-D	0 / 304	0.07 (1)
D-E	0 / 58	-129.7 -129.7	0.18 (1)	10.00			
H-B	-791 / 0	0.0	0.0	0.08 (1)			
F-D	-791 / 0	0.0	0.0	0.08 (1)			
H-G	0 / 0	-18.5	-18.5	0.10 (4)			
G-F	0 / 0	-18.5	-18.5	0.10 (4)			

DESIGN CRITERIA

SPECIFIED LOADS:
TOP CH. LL = 38.3 PSF
DL = 6.0 PSF
BOT CH. LL = 0.0 PSF
DL = 7.4 PSF
TOTAL LOAD = 51.6 PSF

SPACING = 24.0 IN. C/C

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015

THIS DESIGN COMPLIES WITH:
- PART 9 OF CBC 2018, NBC-2019AE
- PART 9 OF OBC 2012 (2019 AMENDMENT)
- CSA 086-14
- TPIC 2014

(55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL)= L/360 (0.29")
CALCULATED VERT. DEFL.(LL) = L/999 (0.00")
ALLOWABLE DEFL.(TL)= L/360 (0.29")
CALCULATED VERT. DEFL.(TL) = L/999 (0.01")

CSI: TC=0.31/1.00 (B-C:1), BC=0.10/1.00 (F-G:4), WB=0.07/1.00 (D-G:1), SS=0.17/1.00 (B-C:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10
COMP=1.10 SHEAR=1.10 TENS= 1.10

COMPANION LIVE LOAD FACTOR = 1.00

AUTOSOLVE HEELS OFF

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

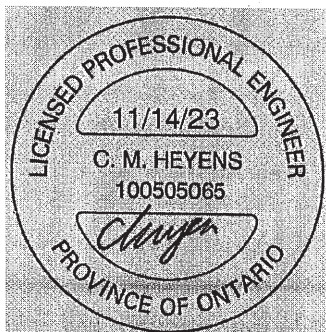
NAIL VALUES
PLATE GRIP(DRY) SHEAR SECTION
(PSI) (PLI) (PLI)
MAX MIN MAX MIN MAX MIN
MT20 650 371 1747 788 1987 1873

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

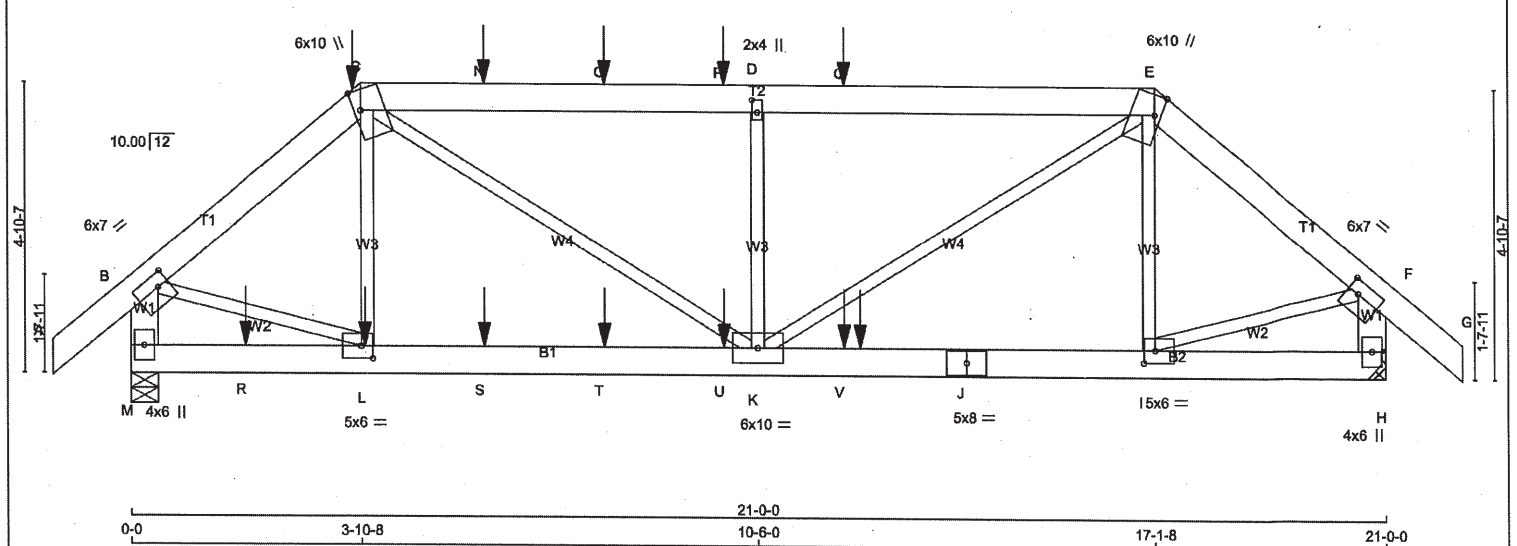
JSI GRIP= 0.49 (B) (INPUT = 0.90)
JSI METAL = 0.28 (D) (INPUT = 1.00)

NOTES:
1) Lateral braces to be a minimum of 2X4 SPF #2.



STRUCTURAL COMPONENT ONLY
DWG # TR23111038

JOB NAME: 418574 TRUSS NAME: T31 QUANTITY: 1 PLY: 1 JOB DESC.: BAYVIEW WELLINGTON TRUSS DESC.: DRWG NO.: Version 8.630 S Aug 30 2023 MiTek Industries, Inc. Tue Nov 14 13:47:06 2023 Page 1 ID:WW a9t6n2X0i81sX0mwr5yIKjp-GKyS4eE7qL5PI95TnsDaexw60Vfm08D3ztAv4yJGBJ



TOTAL WEIGHT = 118 lb
(M)

LUMBER				
N. L. G. A. RULES				
CHORDS	SIZE	LUMBER	DESCR.	
A - C	2x6	DRY	No.2	SPF
C - E	2x6	DRY	No.2	SPF
E - G	2x6	DRY	No.2	SPF
M - B	2x6	DRY	No.2	SPF
H - F	2x6	DRY	No.2	SPF
M - J	2x6	DRY	No.2	SPF
J - H	2x6	DRY	No.2	SPF
ALL WEBS EXCEPT	2x3	DRY	No.2	SPF

DRY: SEASONED LUMBER.

PLATES (table is in inches)						
JT	TYPE	PLATES	W	LEN	Y	X
B	TMVW-t	MT20	6.0	7.0	2.50	2.25
C	TTWW+m	MT20	6.0	10.0	4.00	1.25
D	TMW+w	MT20	2.0	4.0	2.50	1.00
E	TTWW+m	MT20	6.0	10.0	4.00	1.25
F	TMVW-t	MT20	6.0	7.0	2.50	2.25
H	BMV1+p	MT20	4.0	6.0		
I	BMVW-t	MT20	5.0	6.0	2.50	2.25
J	BS-t	MT20	5.0	8.0		
K	BMVWW-t	MT20	6.0	10.0		
L	BMVW-t	MT20	5.0	6.0	2.50	2.25
M	BMV1+p	MT20	4.0	6.0		

NOTES-
1) Lateral braces to be a minimum of 2X4 SPF #2.

STRUCTURAL COMPONENT ONLY
DWG # TR23111039

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER							
BEARINGS							
	FACTORED		MAXIMUM FACTORED		INPUT	REQD	
	GROSS REACTION		GROSS REACTION		BRG	BRG	
JT	VERT	HORZ	DOWN	HORZ	UPLIFT	IN-SX	IN-SX
M	2862	0	2862	0	0	5-8	3-13
H	2663	0	2663	0	0	MECHANICAL	

A SUITABLE HANGER/MECHANICAL CONNECTION IS REQUIRED AT JOINT H. MINIMUM BEARING LENGTH AT JOINT H = 3-3.

UNFACTORED REACTIONS							
1ST LCASE MAX/MIN COMPONENT REACTIONS							
JT	COMBINED	SNOW	LIVE	PERM.LIVE	WIND	DEAD	SOIL
M	1988	1508 / 0	0 / 0	0 / 0	0 / 0	480 / 0	0 / 0
H	1849	1408 / 0	0 / 0	0 / 0	0 / 0	441 / 0	0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) M

BRACING
TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 3.40 FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

CHORDS				WEBS			
MEMB.	MAX. FACTORED FORCE (LBS)	FACTORED VERT. LOAD (PLF)	LC1 MAX (LC)	MEMB.	MAX. FACTORED FORCE (LBS)	MAX. FACTORED CSI (LC)	
FR-TO		FROM TO		FR-TO			
A-B	0 / 60	-129.7 -129.7	0.11 (1)	10.00	L-C	-526 / 14	0.17 (1)
B-C	-2762 / 0	-129.7 -129.7	0.23 (1)	4.79	I-E	-139 / 48	0.04 (1)
C-N	-3925 / 0	-129.7 -129.7	0.73 (1)	3.40	B-L	0 / 2194	0.54 (1)
N-O	-3925 / 0	-129.7 -129.7	0.73 (1)	3.40	I-F	0 / 2118	0.52 (1)
O-P	-3925 / 0	-129.7 -129.7	0.73 (1)	3.40	K-E	0 / 2265	0.56 (1)
P-D	-3925 / 0	-129.7 -129.7	0.73 (1)	3.40	C-K	0 / 2188	0.54 (1)
D-Q	-3925 / 0	-129.7 -129.7	0.73 (1)	3.40	K-D	-1376 / 0	0.44 (1)
Q-E	-3925 / 0	-129.7 -129.7	0.73 (1)	3.40			
E-F	-2667 / 0	-129.7 -129.7	0.22 (1)	4.86			
F-G	0 / 60	-129.7 -129.7	0.11 (1)	10.00			
M-B	-2808 / 0	0.0 0.0	0.20 (1)	6.20			
H-F	-2727 / 0	0.0 0.0	0.20 (1)	6.28			

M-R	0 / 0	-18.5 -18.5	0.07 (4)	10.00
R-L	0 / 0	-18.5 -18.5	0.07 (4)	10.00
L-S	0 / 2100	-18.5 -18.5	0.59 (1)	10.00
S-T	0 / 2100	-18.5 -18.5	0.59 (1)	10.00
T-U	0 / 2100	-18.5 -18.5	0.59 (1)	10.00
U-K	0 / 2100	-18.5 -18.5	0.59 (1)	10.00
K-V	0 / 2037	-18.5 -18.5	0.90 (1)	10.00
V-J	0 / 2037	-18.5 -18.5	0.90 (1)	10.00
J-I	0 / 2037	-18.5 -18.5	0.90 (1)	10.00
I-H	0 / 0	-18.5 -18.5	0.29 (1)	10.00

SPECIFIED CONCENTRATED LOADS (LBS)									
JT	LOC.	LC1	MAX-	MAX+	FACE	DIR.	TYPE	HEEL	CONN.
C	3-10-8	-23	-23	—	BACK	VERT	DEAD	—	C1
C	3-10-8	-89	-89	—	BACK	VERT	TOTAL	—	C1
C	3-10-8	-146	-146	—	BACK	VERT	SNOW	—	C1
L	3-11-4	-14	-14	—	BACK	VERT	TOTAL	—	C1
N	5-11-4	-83	-83	—	BACK	VERT	TOTAL	—	C1
O	7-11-4	-83	-83	—	BACK	VERT	TOTAL	—	C1
P	9-11-4	-83	-83	—	BACK	VERT	TOTAL	—	C1
Q	11-11-4	-83	-83	—	BACK	VERT	TOTAL	—	C1
R	1-11-4	-14	-14	—	BACK	VERT	TOTAL	—	C1
S	5-11-4	-14	-14	—	BACK	VERT	TOTAL	—	C1
T	7-11-4	-14	-14	—	BACK	VERT	TOTAL	—	C1
U	9-11-4	-14	-14	—	BACK	VERT	TOTAL	—	C1

DESIGN CRITERIA
*** SPECIAL LOADS ANALYSIS ***
GEOMETRY AND/OR BASIC LOADS CHANGED BY USER.
LOADS WERE DERIVED FROM USER INPUT
NO FURTHER MODIFICATIONS WERE MADE

SPECIFIED LOADS:			
TOP CH.	LL	=	38.3 PSF
	DL	=	6.0 PSF
BOT CH.	LL	=	0.0 PSF
	DL	=	7.4 PSF
TOTAL LOAD	=	51.6	PSF

SPACING = 24.0 IN. C/C

LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.00/12

*** NON STANDARD GIRDER ***
ADDTL USER-DEFINED LOADS APPLIED TO ALL LOAD CASES.

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015

THIS DESIGN COMPLIES WITH:
- PART 9 OF CBC 2018, NBC-2019AE
- PART 9 OF OBC 2012 (2019 AMENDMENT)
- CSA 086-14
- TPIC 2014

(55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL)= L/360 (0.70")
CALCULATED VERT. DEFL.(LL) = L/999 (0.15")
ALLOWABLE DEFL.(TL)= L/360 (0.70")
CALCULATED VERT. DEFL.(TL) = L/999 (0.25")

CSI: TC=0.73/1.00 (D-E:1), BC=0.90/1.00 (H-K:1), WB=0.56/1.00 (E-K:1), SSI=0.61/1.00 (H-K:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.00
COMP=1.00 SHEAR=1.00 TENS=1.00

COMPANION LIVE LOAD FACTOR = 1.00

AUTOSOLVE HEELS OFF

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

NAIL VALUES					
PLATE	GRIP(DRY)	SHEAR	SECTION		
	(PSI)	(PLI)	(PLI)	MAX MIN	MAX MIN
MT20	650	371	1747	788	1987 1873

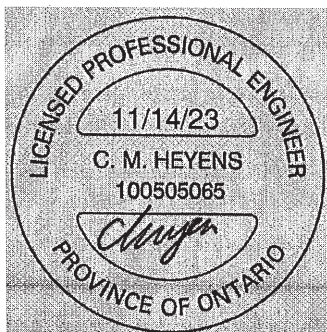
PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.90 (D) (INPUT = 0.90)
JSI METAL= 0.74 (J) (INPUT = 1.00)

CONTINUED ON PAGE

NOTES:
1) Lateral braces to be a minimum of 2X4 SPF #2.



STRUCTURAL COMPONENT ONLY
DWG # TR23111039

CONTINUED ON PAGE 2

JOB NAME	TRUSS NAME	QUANTITY	PLY	JOB DESC.	DRWG NO.
418574	T31	1	1	BAYVIEW WELLINGTON	
Tamarack Roof Truss, Burlington				TRUSS DESC.	



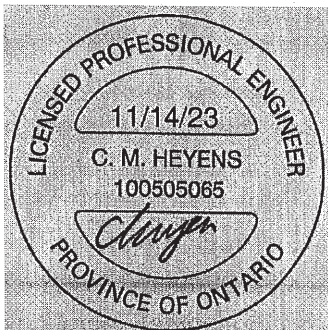
Version 8.630 S Aug 30 2023 MiTek Industries, Inc. Tue Nov 14 13:47:06 2023 Page 2
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SPECIFIED CONCENTRATED LOADS (LBS)

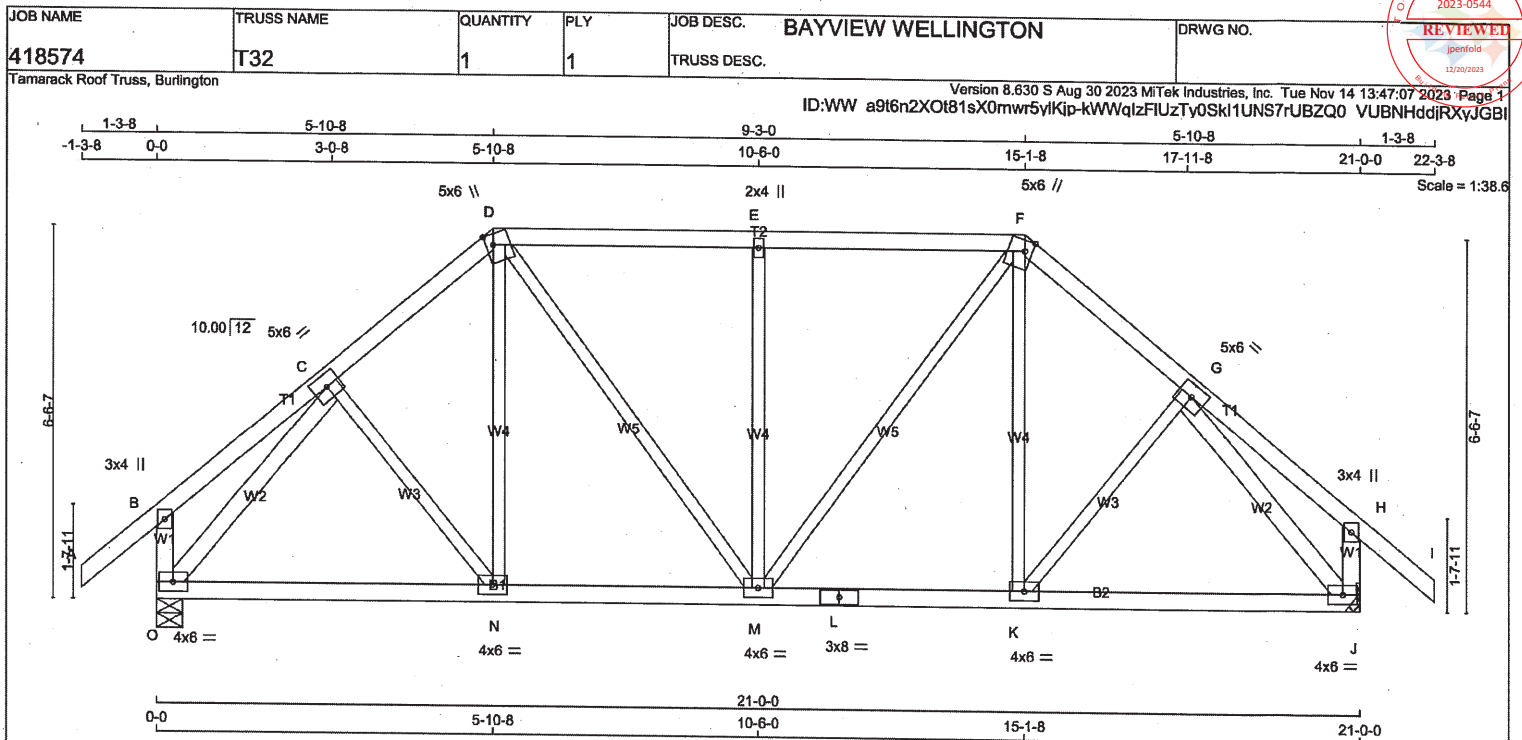
JT	LOC.	LC1	MAX-	MAX+	FACE	DIR.	TYPE	HEEL	CONN.
V	11-11-4	-14	-14	—	BACK	VERT	TOTAL	—	C1
V	12-2-8	-741	-741	—	BACK	VERT	TOTAL	—	C1

CONNECTION REQUIREMENTS

- 1) C1: A SUITABLE HANGER/MECHANICAL CONNECTION IS REQUIRED.



STRUCTURAL COMPONENT ONLY
DWG # TR23111039

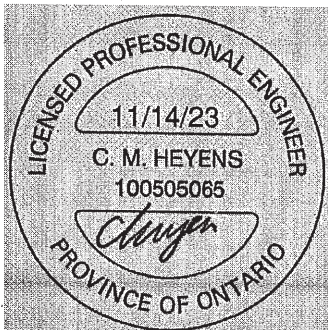


DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER										TOTAL WEIGHT = 103 lb	
BEARINGS										[M][F]	
										DESIGN CRITERIA	
										SPECIFIED LOADS:	
										TOP CH. LL = 38.3 PSF	
										DL = 6.0 PSF	
										BOT CH. LL = 0.0 PSF	
										DL = 7.4 PSF	
										TOTAL LOAD = 51.6 PSF	
										SPACING = 24.0 IN.C/C	
										LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.00/12	
										THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015	
										THIS DESIGN COMPLIES WITH:	
										- PART 9 OF BCBC 2018, NBC-2019AE	
										- PART 9 OF OBC 2012 (2019 AMENDMENT)	
										- CSA 086-14	
										- TPIC 2014	
										(55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD	
										ALLOWABLE DEFL.(LL)= L/360 (0.70")	
										CALCULATED VERT. DEFL.(LL) = L/ 999 (0.04")	
										ALLOWABLE DEFL.(TL)= L/360 (0.70")	
										CALCULATED VERT. DEFL.(TL) = L/ 999 (0.06")	
										CSI: TC=0.37/1.00 (D-E:1), BC=0.25/1.00 (M-N:1), WB=0.51/1.00 (E-M:1), SSI=0.29/1.00 (E-F:1)	
										DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10 COMP=1.10 SHEAR=1.10 TENS= 1.10	
										COMPANION LIVE LOAD FACTOR = 1.00	
										AUTOSOLVE HEELS OFF	
										TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.	
										NAIL VALUES	
										PLATE GRIP(DRY) SHEAR SECTION (PSI) (PLI) (PLI) (PLI)	
										MAX MIN MAX MIN MAX MIN	
										MT20 650 371 1747 788 1987 1873	
										PLATE PLACEMENT TOL. = 0.250 inches	
										PLATE ROTATION TOL. = 5.0 Deg.	
										JSI GRIP= 0.80 (C) (INPUT = 0.90)	
										JSI METAL= 0.38 (G) (INPUT = 1.00)	

LUMBER									
N. L. G. A. RULES									
CHORDS SIZE LUMBER DESCR.									
A - D 2x4 DRY No.2 SPF									
D - F 2x4 DRY No.2 SPF									
F - I 2x4 DRY No.2 SPF									
O - B 2x4 DRY No.2 SPF									
J - H 2x4 DRY No.2 SPF									
O - L 2x4 DRY No.2 SPF									
L - J 2x4 DRY No.2 SPF									
ALL WEBS 2x3 DRY No.2 SPF									
EXCEPT									
O - C 2x4 DRY No.2 SPF									
G - J 2x4 DRY No.2 SPF									
DRY: SEASONED LUMBER.									
PLATES (table is in inches)									
JT TYPE PLATES W LEN Y X									
B TMV+p MT20 3.0 4.0									
C TMVW-t MT20 5.0 6.0									
D TTVW+m MT20 5.0 6.0 2.25 1.50									
E TMVW-t MT20 2.0 4.0									
F TTVW+m MT20 5.0 6.0 2.25 1.50									
G TMVW-t MT20 5.0 6.0									
H TMV+p MT20 3.0 4.0									
J BMVW1-t MT20 4.0 6.0									
K BMVW-t MT20 4.0 6.0									
L BS-t MT20 3.0 8.0									
M BMVWV-t MT20 4.0 6.0									
N BMVW-t MT20 4.0 6.0									
O BMVW1-t MT20 4.0 6.0									
NOTES:									
1) Lateral braces to be a minimum of 2X4 SPF #2.									

STRUCTURAL COMPONENT ONLY									
DWG # TR23111040									

LICENSED PROFESSIONAL ENGINEER									
11/14/23									
C. M. HEYENS									
100505065									
PROVINCE OF ONTARIO									

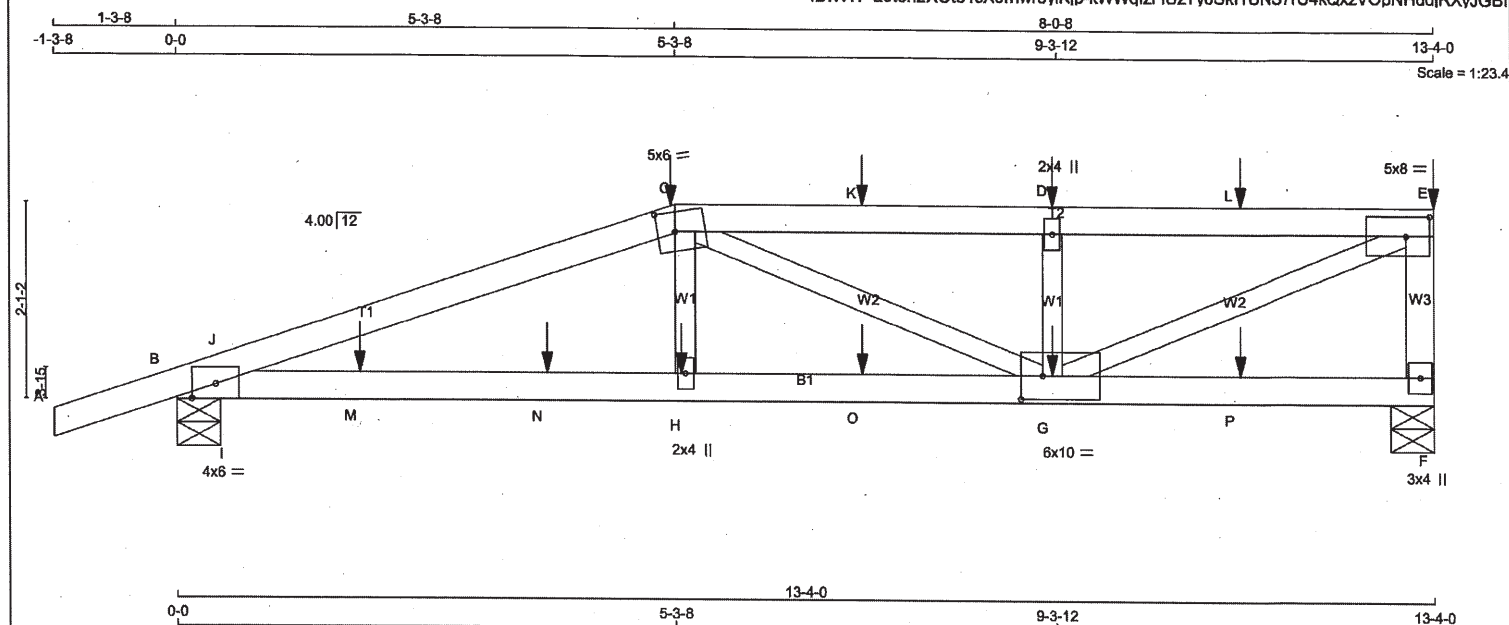


STRUCTURAL COMPONENT ONLY
DWG # TR23111040

JOB NAME	TRUSS NAME	QUANTITY	PLY	JOB DESC.	DRWG NO.
418574	T33	1	1	BAYVIEW WELLINGTON	
Tamarack Roof Truss, Burlington				TRUSS DESC.	

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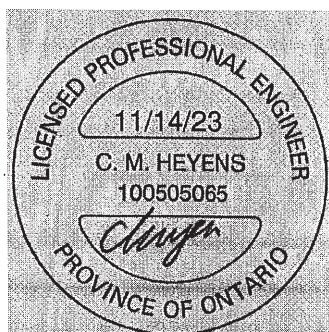


LUMBER			
N. L. G. A. RULES			
CHORDS		SIZE	
A - C	2x4	DRY	No.2
C - E	2x4	DRY	No.2
F - E	2x4	DRY	No.2
B - F	2x4	DRY	2100F 1.8E
ALL WEBS		2x3 DRY	No.2
DRY: SEASONED LUMBER.			

PLATES (table is in inches)					
JT	TYPE	PLATES	W	LEN	Y X
B	TMB1-l	MT20	4.0	6.0	Edge
C	TTWW-m	MT20	5.0	6.0	2.50 2.25
D	TMW+w	MT20	2.0	4.0	
E	TMV-t	MT20	5.0	8.0	2.50 3.00
F	BMV1+p	MT20	3.0	4.0	
G	BMVWW-t	MT20	6.0	10.0	3.00 2.75
H	BMV+w	MT20	2.0	4.0	

Edge - INDICATES REFERENCE CORNER OF PLATE
TOUCHES EDGE OF CHORD.

NOTES:
1) Lateral braces to be a minimum of 2X4 SPF #2.



STRUCTURAL COMPONENT ONLY
DWG # TR23111041

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

JT	FACTORED GROSS REACTION		MAXIMUM FACTORED GROSS REACTION			INPUT BRG	REQ'D BRG
	VERT	HORZ	DOWN	HORZ	UPLIFT	IN-SX	IN-SX
F	1974	0	1974	0	0	5-8	2-2
B	1833	0	1833	0	0	5-8	2-0

UNFACTORED REACTIONS

1ST LCASE		MAX/MIN. COMPONENT REACTIONS					
JT	COMBINED	SNOW	LIVE	PERM.LIVE	WIND	DEAD	SOIL
F	1373	1031 / 0	0 / 0	0 / 0	0 / 0	342 / 0	0 / 0
B	1275	955 / 0	0 / 0	0 / 0	0 / 0	321 / 0	0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) F. B

BRACING

TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 2.73 FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED

LOADING

LOADING
TOTAL LOAD CASES: (4)

CHORDS					WEBS				
MAX. FACTORED		FACTORED			MAX. FACTORED		MAX. FACTORED		
MEMB.	FORCE (LBS)	VERT. LOAD (LBS)	LC1 (PLF)	MAX. CSI (LC)	MAX. UNBRAC	MEMB.	FORCE (LBS)	MAX. CSI (LC)	
FR-TO		FROM	TO		LENGTH	FR-TO			
A-B	0/26	-129.7	-129.7	0.18 (1)	10.00	H-C	0/370	0.09 (1)	
B-J	-3791/0	-129.7	-129.7	0.29 (1)	3.33	C-G	-499/0	0.16 (1)	
J-C	-3788/0	-129.7	-129.7	0.81 (1)	2.73	G-D	-1010/0	0.16 (1)	
C-K	-3154/0	-129.7	-129.7	0.66 (1)	3.11	G-E	0/3449	0.85 (1)	
K-D	-3154/0	-129.7	-129.7	0.66 (1)	3.11	I-J	-326/33	0.00 (1)	
D-L	-3154/0	-129.7	-129.7	0.67 (1)	3.11				
L-E	-3154/0	-129.7	-129.7	0.67 (1)	3.11				
F-E	-1892/0	0.0	0.0	0.23 (1)	6.06				
B-I	0/3587	-18.5	-18.5	0.53 (1)	10.00				
I-M	0/3587	-18.5	-18.5	0.57 (1)	10.00				
M-N	0/3587	-18.5	-18.5	0.57 (1)	10.00				
N-H	0/3587	-18.5	-18.5	0.57 (1)	10.00				
H-O	0/3609	-18.5	-18.5	0.42 (1)	10.00				
O-G	0/3809	-18.5	-18.5	0.42 (1)	10.00				
G-P	0/0	-18.5	-18.5	0.13 (1)	10.00				
P-F	0/0	-18.5	-18.5	0.13 (1)	10.00				

SPECIFIED CONCENTRATED LOADS (LBS)

UT	LOC.	LCT	MAX-	MAX+	FACE	DIR.	TYPE	HEEL	CONN.
E	5-3-8	-334	-	-	FRONT	VERT	TOTAL	—	C1
D	9-3-4	-114	-114	—	FRONT	VERT	TOTAL	—	C1
E	13-4-0	-158	-158	—	FRONT	VERT	TOTAL	—	C1
G	9-3-4	-56	-56	—	FRONT	VERT	TOTAL	—	C1
H	5-4-4	-56	-56	—	FRONT	VERT	TOTAL	—	C1
K	7-3-4	-114	-114	—	FRONT	VERT	TOTAL	—	C1
L	11-3-4	-114	-114	—	FRONT	VERT	TOTAL	—	C1
M	1-11-4	-64	-64	—	FRONT	VERT	TOTAL	—	C1
N	3-11-4	-33	-33	—	FRONT	VERT	TOTAL	—	C1
O	7-3-4	-56	-56	—	FRONT	VERT	TOTAL	—	C1
P	11-3-4	-56	-56	—	FRONT	VERT	TOTAL	—	C1

CONNECTION REQUIREMENTS

1) **C1:** A SUITABLE HANGER/MECHANICAL CONNECTION IS REQUIRED.

DESIGN CRITERIA

SPECIFIED LOADS:

TOP	CH.	LL	=	38.3	PSF
		DL	=	6.0	PSF
BOT	CH.	LL	=	0.0	PSF
		DL	=	7.4	PSF

DL	=	7.4	PSF
TOTAL LOAD	=	51.6	PSF

SPACING = 24.0 IN. C/C

LOADING IN FLAT SECTION BASED ON A SLOPE
OF 6.00/12

THIS TRUSS IS DESIGNED FOR RESIDENTIAL
OR SMALL BUILDING REQUIREMENTS OF PART
9, NBCC 2015

THIS DESIGN COMPLIES WITH:
- PART 9 OF BCBC 2018 , NBC-2019AE
- PART 9 OF OBC 2012 (2019 AMENDMENT)
- CSA 086-14
- TPIC 2014

(55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL)= L/360 (0.44")
CALCULATED VERT. DEFL.(LL) = L/ 999 (0.12")
ALLOWABLE DEFL.(TL)= L/360 (0.44")
CALCULATED VERT. DEFL.(TL) = L/ 753 (0.21")

CSI: TC=0.81/1.00 (C-J:1), BC=0.57/1.00 (H-I:1),
WB=0.85/1.00 (E-G:1), SSI=0.37/1.00 (D-E:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.00
COMP=1.00 SHEAR=1.00 TENS= 1.00

COMPANION LIVE LOAD FACTOR = 1.00

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

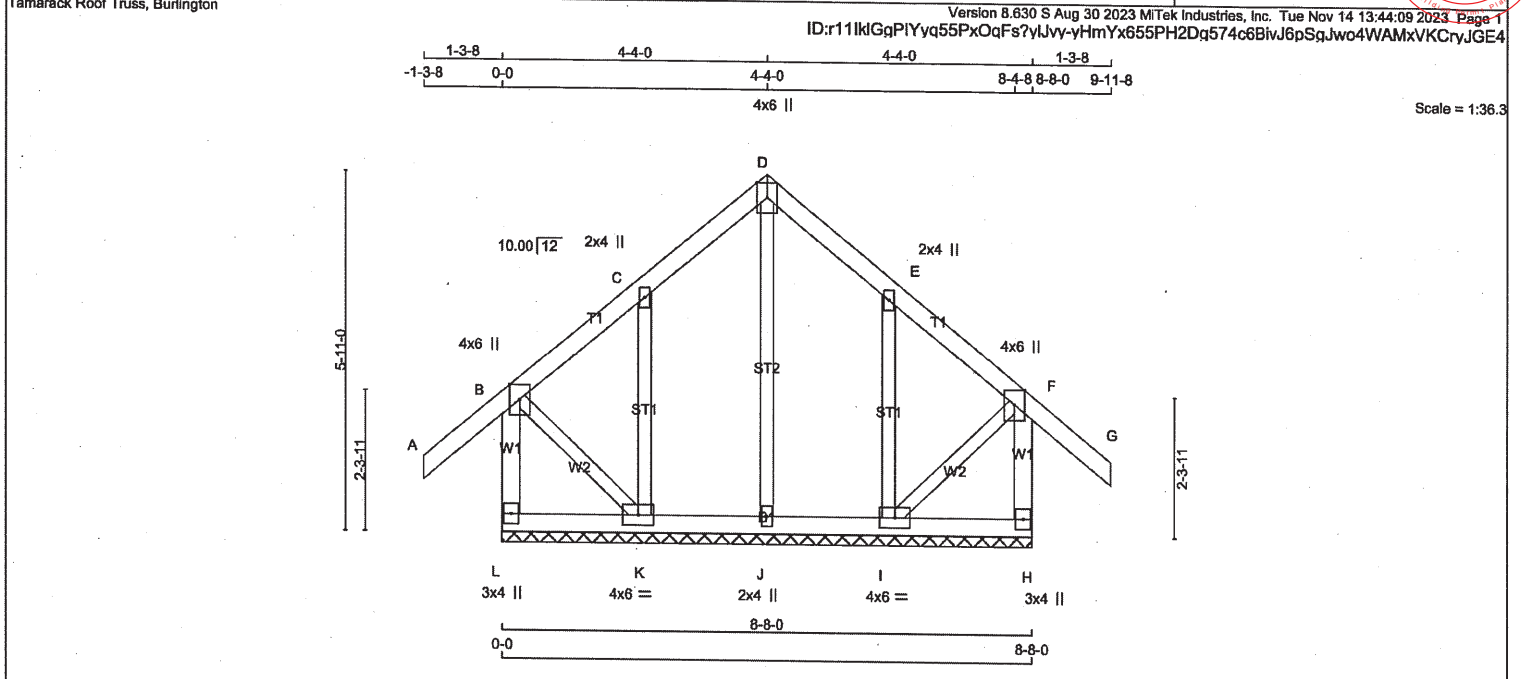
NAIL VALUES						
PLATE	GRIP(DRY)		SHEAR		SECTION	
	(PSI)		(PLI)		(PLI)	
	MAX	MIN	MAX	MIN	MAX	MIN
MT20	650	371	1747	788	1987	1873

PLATE PLACEMENT TOL. = 0.250 inches

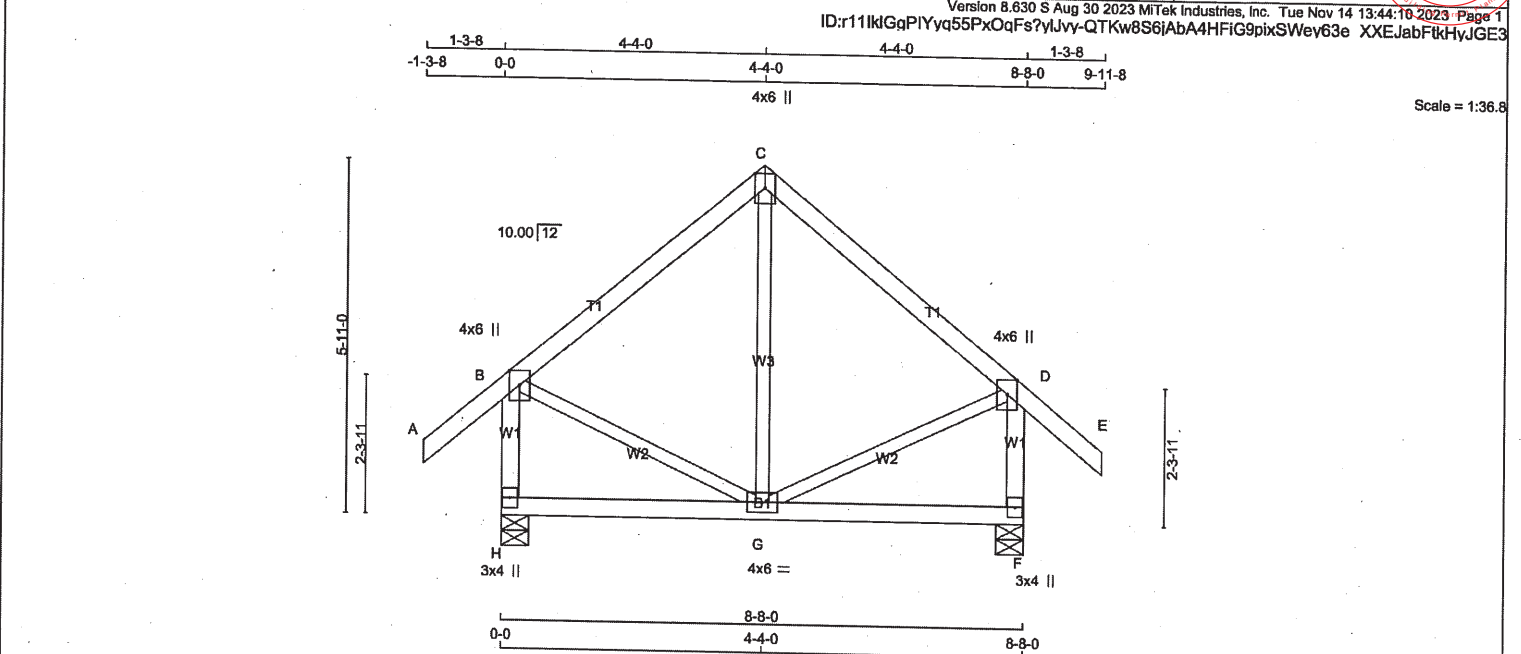
PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.90 (B) (INPUT = 0.90)
JSI METAL= 0.91 (C) (INPUT = 1.00)

JOB NAME	TRUSS NAME	QUANTITY	PLY	JOB DESC.	TRUSS DESC.	DRWG NO.
418576	G40	1	1	BAYVIEW WELLINGTON		



LUMBER N. L. G. A. RULES CHORDS SIZE LUMBER DESCR. L - B 2x4 DRY No.2 SPF A - D 2x4 DRY No.2 SPF D - G 2x4 DRY No.2 SPF H - F 2x4 DRY No.2 SPF L - H 2x4 DRY No.2 SPF ALL WEBS 2x3 DRY No.2 SPF ALL GABLE WEBS 2x3 DRY No.2 SPF DRY: SEASONED LUMBER. GABLE STUDS SPACED AT 2-0-0 OC.				DESIGN CRITERIA SPECIFIED LOADS: TOP CH. LL = 38.3 PSF DL = 6.0 PSF BOT CH. LL = 0.0 PSF DL = 7.4 PSF TOTAL LOAD = 51.6 PSF SPACING = 24.0 IN. C/C THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015 THIS DESIGN COMPLIES WITH: - PART 9 OF BCBC 2018 , NBC-2019AE - PART 9 OF OBC 2012 (2019 AMENDMENT) - CSA 086-14 - TPIC 2014 (55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD CSI: TC=0.18/1.00 (F-G:1) , BC=0.02/1.00 (K-L:4) , WB=0.10/1.00 (D-J:1) , SSI=0.11/1.00 (F-G:1) DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10 COMP=1.10 SHEAR=1.10 TENS= 1.10 COMPANION LIVE LOAD FACTOR = 1.00 TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT . NAIL VALUES PLATE GRIP(DRY) SHEAR SECTION (PSI) (PLI) (PLI) MAX MIN MAX MIN MAX MIN MT20 650 371 1747 788 1987 1873 PLATE PLACEMENT TOL. = 0.250 inches PLATE ROTATION TOL. = 5.0 Deg. JSI GRIP= 0.24 (E) (INPUT = 0.90) JSI METAL= 0.18 (C) (INPUT = 1.00)				NOTES- 1) Lateral braces to be a minimum of 2X4 SPF #2.			
PLATES (table is in inches) JT TYPE PLATES W LEN Y X B TMW+p MT20 4.0 6.0 Edge C TMW+w MT20 2.0 4.0 D TTW+p MT20 4.0 6.0 Edge E TMW+w MT20 2.0 4.0 F TMW+p MT20 4.0 6.0 Edge H BMV1+p MT20 3.0 4.0 I BMWW1-t MT20 4.0 6.0 J BMW1+w MT20 2.0 4.0 K BMWW1-t MT20 4.0 6.0 L BMV1+p MT20 3.0 4.0 Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.				LOADING TOTAL LOAD CASES: (4) CHORDS MEMB. MAX. FACTORED FORCE (LBS) VERT. LOAD (PLF) FACTORED LC1 MAX. MAX. UNBRAC MEMB. MAX. FACTORED FORCE (LBS) WEBS FR-TO FROM TO LENGTH FR-TO L-B -315 / 0 0.0 0.0 0.04 (1) 7.81 J-D -192 / 0 0.10 (1) A-B 0 / 58 -129.7 -129.7 0.18 (1) 10.00 K-C -342 / 0 0.09 (1) B-C 0 / 3 -129.7 -129.7 0.10 (1) 10.00 I-E -342 / 0 0.09 (1) C-D -30 / 0 -129.7 -129.7 0.10 (1) 6.25 B-K 0 / 18 0.00 (1) D-E -30 / 0 -129.7 -129.7 0.10 (1) 10.00 I-F 0 / 18 0.00 (1) E-F 0 / 3 -129.7 -129.7 0.10 (1) 10.00 F-G 0 / 58 -129.7 -129.7 0.18 (1) 10.00 H-F -315 / 0 0.0 0.0 0.04 (1) 7.81 L-K 0 / 0 -18.5 -18.5 0.02 (4) 10.00 K-J 0 / 6 -18.5 -18.5 0.02 (4) 10.00 J-I 0 / 6 -18.5 -18.5 0.02 (4) 10.00 I-H 0 / 0 -18.5 -18.5 0.02 (4) 10.00							



LUMBER

N. L. G. A. RULES

CHORDS	SIZE	LUMBER	DESCR.
A - C	2x4	DRY	No.2
C - E	2x4	DRY	No.2
H - B	2x4	DRY	No.2
F - D	2x4	DRY	No.2
H - F	2x4	DRY	No.2
ALL WEBS	2x3	DRY	No.2
EXCEPT			

DRY: SEASONED LUMBER.

PLATES (table is in inches)

JT	TYPE	PLATES	W	LEN	Y	X
B	TMVW+p	MT20	4.0	6.0	Edge	
C	TTW+p	MT20	4.0	6.0	Edge	
D	TMVW+p	MT20	4.0	6.0	Edge	
F	BMV1+p	MT20	3.0	4.0		
G	BMVWW-t	MT20	4.0	6.0		
H	BMV1+p	MT20	3.0	4.0		

Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.

NOTES-
1) Lateral braces to be a minimum of 2X4 SPF #2.

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS

JT	FACTORED GROSS REACTION		MAXIMUM FACTORED GROSS REACTION		INPUT BRG	REQRD BRG
	VERT	HORZ	DOWN	UP		
H	822	0	822	0	5-8	1-8
F	822	0	822	0	5-8	1-8

UNFACTORED REACTIONS

JT	1ST LCASE COMBINED	MAX/MIN. COMPONENT REACTIONS		WIND	DEAD	SOIL
		SNOW	LIVE			
H	570	437 / 0	0 / 0	0 / 0	133 / 0	0 / 0
F	570	437 / 0	0 / 0	0 / 0	133 / 0	0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) H, F

BRACING
TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 6.25 FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

LOADING
TOTAL LOAD CASES: (4)

CHORDS				WEBS			
MEMB.	MAX. FACTORED FORCE (LBS)	FACTORED VERT. LOAD (PLF)	MAX. UNBRACED LENGTH (LC)	MEMB.	MAX. FACTORED FORCE (LBS)	MAX. UNBRACED LENGTH (LC)	
FR-TO		FROM TO		FR-TO			
A-B	0 / 58	-129.7 -129.7	0.18 (1)	10.00	G-C	-135 / 46	0.07 (1)
B-C	-333 / 0	-129.7 -129.7	0.31 (1)	6.25	B-G	0 / 281	0.06 (1)
C-D	-333 / 0	-129.7 -129.7	0.31 (1)	6.25	G-D	0 / 281	0.06 (1)
D-E	0 / 58	-129.7 -129.7	0.18 (1)	10.00			
H-B	-791 / 0	0.0 0.0	0.10 (1)	7.81			
F-D	-791 / 0	0.0 0.0	0.10 (1)	7.81			
H-G	0 / 0	-18.5 -18.5	0.10 (4)	10.00			
G-F	0 / 0	-18.5 -18.5	0.10 (4)	10.00			

TOTAL WEIGHT = 2 X 43 = 86 lb. (M/F)

DESIGN CRITERIA

SPECIFIED LOADS:
TOP CH. LL = 38.3 PSF
DL = 6.0 PSF
BOT CH. LL = 0.0 PSF
DL = 7.4 PSF
TOTAL LOAD = 51.6 PSF

SPACING = 24.0 IN. C/C

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBC 2015

THIS DESIGN COMPLIES WITH:
- PART 9 OF BCBC 2018, NBC-2019AE
- PART 9 OF OBC 2012 (2019 AMENDMENT)
- CSA 086-14
- TPIC 2014

(55% OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL) = L/360 (0.29")
CALCULATED VERT. DEFL.(LL) = L/999 (0.00")
ALLOWABLE DEFL.(TL) = L/360 (0.29")
CALCULATED VERT. DEFL.(TL) = L/999 (0.01")

CSI: TC=0.31/1.00 (B-C:1), BC=0.10/1.00 (G-H:4), WB=0.07/1.00 (C-G:1), SSI=0.17/1.00 (B-C:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10
COMP=1.10 SHEAR=1.10 TENS= 1.10

COMPANION LIVE LOAD FACTOR = 1.00

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

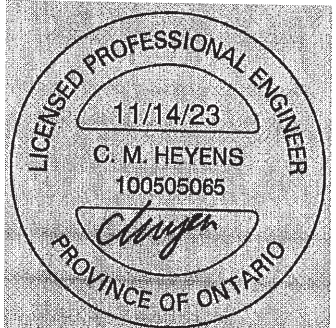
NAIL VALUES

PLATE	GRIP(DRY)	SHEAR (PSI)	SECTION (PLI)
MT20	650	371	1747
	788	1987	1873

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

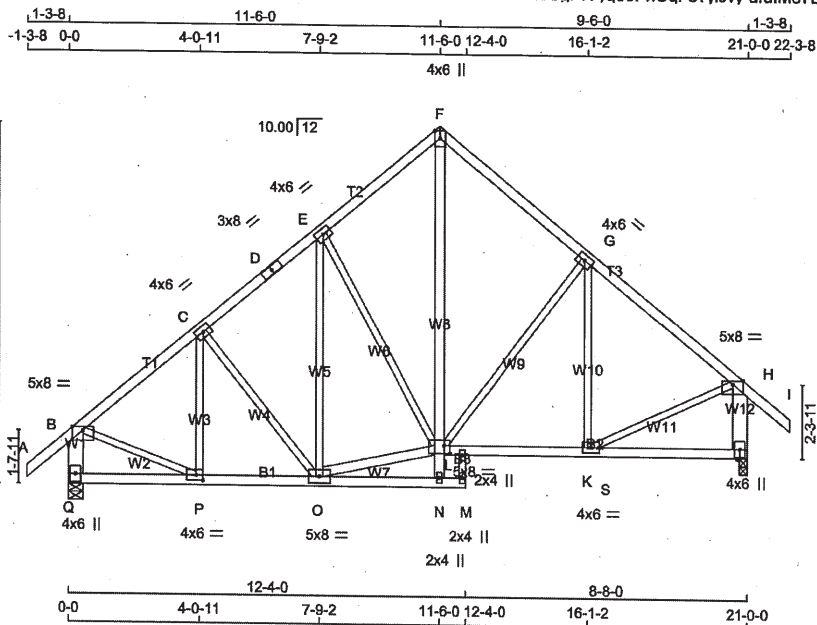
JSI GRIP= 0.49 (D) (INPUT = 0.90)
JSI METAL= 0.26 (D) (INPUT = 1.00)



STRUCTURAL COMPONENT ONLY
DWG # TR23111052

JOB NAME	TRUSS NAME	QUANTITY	PLY	JOB DESC.	DRWG NO.
418576	T41	3	1	BAYVIEW WELLINGTON	
Tamarack Roof Truss, Burlington				TRUSS DESC.	

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Scale = 1:68.4

TOTAL WEIGHT = 3 X 121 = 363 lb

LUMBER	N. L. G. A. RULES	CHORDS	SIZE	LUMBER	DESCR.
A - D	2x4	DRY	No.2	SPF	
D - F	2x4	DRY	No.2	SPF	
F - I	2x4	DRY	No.2	SPF	
Q - B	2x6	DRY	No.2	SPF	
J - H	2x6	DRY	No.2	SPF	
Q - M	2x4	DRY	No.2	SPF	
L - J	2x4	DRY	No.2	SPF	
ALL WEBS	2x3	DRY	No.2	SPF	
EXCEPT					
N - F	2x4	DRY	No.2	SPF	
O - L	2x4	DRY	No.2	SPF	

DRY: SEASONED LUMBER.

PLATES (table is in inches)

JT	TYPE	PLATES	W	LEN	Y	X
B	TMVW-p	MT20	5.0	8.0	Edge	
C, E, G						
C	TMVW-t	MT20	4.0	6.0		
D	TS-t	MT20	3.0	8.0		
F	TTW+p	MT20	4.0	6.0	Edge	
H	TMVW-p	MT20	5.0	8.0	Edge	
J	BMV1+p	MT20	4.0	6.0		
K	BMVW-t	MT20	4.0	6.0		
L	BMVWVW-t	MT20	5.0	8.0	3.00	2.25
M	NP+w	MT20	2.0	4.0		
N	BMVW-t	MT20	2.0	4.0		
O	BMVWVW-t	MT20	5.0	8.0		
P	BMVW-t	MT20	4.0	6.0	2.00	2.50
Q	BMV1+p	MT20	4.0	6.0		
R	NP+w	MT20	2.0	4.0		

Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.

NOTES

1) Lateral braces to be a minimum of 2X4 SPF #2.

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS

	FACTORED GROSS REACTION	MAXIMUM FACTORED GROSS REACTION	INPUT BRG	REQD BRG
JT	VERT	HORZ	DOWN	HORZ
Q	2500	0	2500	0
J	2285	0	2285	0

UNFACTORED REACTIONS

	1ST CASE	MAX / MIN	COMPONENT REACTIONS				
JT	COMBINED	SNOW	LIVE	PERM.LIVE	WIND	DEAD	SOIL
Q	1818	909 / 0	0 / 0	0 / 0	0 / 0	909 / 0	0 / 0
J	1646	909 / 0	0 / 0	0 / 0	0 / 0	738 / 0	0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) Q, J

BRACING

TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 4.02 FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT. OR RIGID CEILING DIRECTLY APPLIED.

MAX. UNBRACED INTERIOR CHORD LENGTH = 10.00 FT.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

LOADING

TOTAL LOAD CASES: (4)

CHORDS	MEMB.	MAX. FACTORED FORCE (LBS)	FACTORED VERT. LOAD (PLF)	MAX. FACTORED VERT. LOAD (LC)	MAX. FACTORED VERT. LOAD (LC)	MAX. FACTORED VERT. LOAD (LC)	MAX. FACTORED VERT. LOAD (LC)
FR-TO							
A-B	0 / 58	-129.7	-129.7	0.20 (1)	10.00	0 / 407	0.15 (4)
B-C	-2241 / 0	-129.7	-129.7	0.41 (1)	4.13	L-G	-312 / 0
C-D	-2091 / 0	-129.7	-129.7	0.38 (1)	4.27	K-G	-358 / 0
D-E	-2091 / 0	-129.7	-129.7	0.38 (1)	4.27	K-H	0 / 1602
E-F	-1713 / 0	-129.7	-129.7	0.31 (1)	4.73	N-L	0 / 371
F-G	-1738 / 0	-129.7	-129.7	0.65 (1)	4.17	L-F	0 / 1739
G-H	-1889 / 0	-129.7	-129.7	0.69 (1)	4.02	O-L	0 / 1636
H-I	0 / 58	-129.7	-129.7	0.20 (1)	10.00	E-L	-630 / 0
Q-B	-2411 / 0	0.0	0.0	0.18 (1)	6.60	C-O	-232 / 0
J-H	-2262 / 0	0.0	0.0	0.20 (1)	6.77	P-C	-256 / 33
						B-P	0 / 1833
Q-P	0 / 0	-39.8	-82.1	0.24 (4)	10.00		
P-O	0 / 1744	-82.1	-120.0	0.73 (4)	10.00		
O-N	0 / 17	-120.0	-159.8	0.46 (4)	10.00		
N-M	0 / 0	-127.5	-109.9	0.10 (4)	10.00		
L-K	0 / 1486	-127.2	-30.8	0.62 (4)	10.00		
K-S	0 / 0	-30.6	-18.5	0.31 (4)	10.00		
S-J	0 / 0	-18.5	-18.5	0.31 (4)	10.00		

DESIGN CRITERIA

*** SPECIAL LOADS ANALYSIS ***
GEOMETRY AND/OR BASIC LOADS CHANGED BY USER.
LOADS WERE DERIVED FROM USER INPUT
NO FURTHER MODIFICATIONS WERE MADE

SPECIFIED LOADS:

TOP CH.	LL = 38.3	PSF
	DL = 6.0	PSF
BOT CH.	LL = 0.0	PSF
	DL = 7.4	PSF
TOTAL LOAD	= 51.6	PSF

SPACING = 24.0 IN. C/C

*** NON STANDARD GIRDER ***
ADDTL. USER-DEFINED LOADS APPLIED TO ALL LOAD CASES.

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBC 2015

THIS DESIGN COMPLIES WITH:
- PART 9 OF BCBC 2018, NBC-2019AE
- PART 9 OF OBC 2012 (2019 AMENDMENT)
- CSA 086-14
- TPIC 2014

(55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL)= L/360 (0.70")
CALCULATED VERT. DEFL.(LL) = L/999 (0.04")
ALLOWABLE DEFL.(TL)= L/360 (0.70")
CALCULATED VERT. DEFL.(TL) = L/999 (0.14")

CSI: TC=0.69/1.00 (G-H:1), BC=0.73/1.00 (O-P:4), WB=0.78/1.00 (E-L:1), SSI=0.44/1.00 (N-O:4)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.00
COMP=1.00 SHEAR=1.00 TENS=1.00

COMPANION LIVE LOAD FACTOR = 1.00

AUTOSOLVE HEELS OFF

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

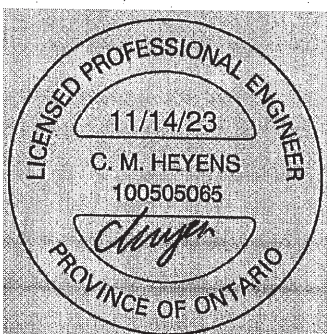
NAIL VALUES

PLATE	GRIP(DRY)	SHEAR	SECTION
	(PSI)	(PLI)	(PLI)
	MAX	MIN	MAX
MT20	650	371	1747

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

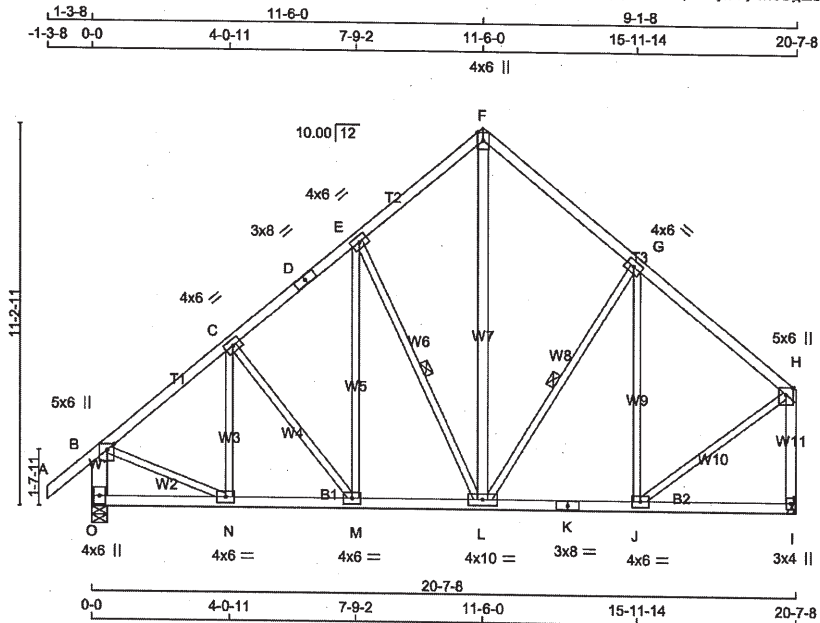
JSI GRIP= 0.89 (K) (INPUT = 0.90)
JSI METAL= 0.40 (P) (INPUT = 1.00)



STRUCTURAL COMPONENT ONLY
DWG # TR23111053

JOB NAME	TRUSS NAME	QUANTITY	PLY	JOB DESC.	DRWG NO.
418576	T42	1	1	BAYVIEW WELLINGTON	
Tamarack Roof Truss, Burlington					

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Scale = 1:64.7

LUMBER

N. L. G. A. RULES	CHORDS	SIZE	LUMBER	DESCR.
A - D	2x4	DRY	No.2	SPF
D - F	2x4	DRY	No.2	SPF
F - H	2x4	DRY	No.2	SPF
O - B	2x6	DRY	No.2	SPF
I - H	2x4	DRY	No.2	SPF
O - K	2x4	DRY	No.2	SPF
K - I	2x4	DRY	No.2	SPF
ALL WEBS	2x3	DRY	No.2	SPF
EXCEPT				
L - F	2x4	DRY	No.2	SPF

DRY: SEASONED LUMBER.

PLATES (table is in inches)

JT	TYPE	PLATES	W	LEN	Y	X
B	TMVW+p	MT20	5.0	6.0	2.00	2.25
C	E, G					
D	TMVW-t	MT20	4.0	6.0		
F	TS-t	MT20	3.0	8.0		
H	TTW+p	MT20	4.0	6.0	Edge	
I	TMVW+p	MT20	5.0	6.0	Edge	
J	BMV1+p	MT20	3.0	4.0		
J, M, N						
K	BMVW-t	MT20	4.0	6.0		
L	BS-t	MT20	3.0	8.0		
O	BMVW-t	MT20	4.0	6.0		
O	BMV1+p	MT20	4.0	6.0		

Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.

NOTES-

1) Lateral braces to be a minimum of 2X4 SPF #2.

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS

JT	FACTORED GROSS REACTION	MAXIMUM FACTORED GROSS REACTION	INPUT BRG	REQRD BRG
O	VERT 1708	DOWN 1708	0	0
I	HORZ 1528	HORZ 1528	0	0
		UPLIFT 0	5-8	1-14
			MECHANICAL	

A SUITABLE HANGER/MECHANICAL CONNECTION IS REQUIRED AT JOINT I. MINIMUM BEARING LENGTH AT JOINT I = 1-11.

UNFACTORED REACTIONS

JT	1ST LCASE	SNOW	LIVE	PERM.LIVE	WIND	DEAD	SOIL
O	COMBINED	1188	895 / 0	0 / 0	0 / 0	293 / 0	0 / 0
I		1065	789 / 0	0 / 0	0 / 0	276 / 0	0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) O

BRACING

TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 5.21 FT.
MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE LATERALLY RESTRAINED.

1 LATERAL BRACE(S) AT 1/2 LENGTH OF E-L, G-L.

END VERTICAL(S) MUST BE SHEATHED OR HAVE BRACES AS INDICATED IN THE MAX. UNBRACED LENGTH COLUMN OF THE TABLE BELOW

LOADING

TOTAL LOAD CASES: (4)

CHORDS				WEBS			
MEMB.	MAX. FACTORED FORCE (LBS)	FACTORED VERT. LOAD (PLF)	MAX. FACTORED VERT. LOAD (LC1)	MEMB.	MAX. FACTORED FORCE (LBS)	MAX. FACTORED VERT. LOAD (LC1)	MAX. FACTORED VERT. LOAD (LC1)
FR-TO		FROM	TO	FR-TO		FROM	TO
A-B	0 / 58	-129.7	-129.7	0.18 (1)	M-E	0 / 230	0.05 (1)
B-C	-1413 / 0	-129.7	-129.7	0.26 (1)	E-L	-594 / 0	0.30 (1)
C-D	-1273 / 0	-129.7	-129.7	0.23 (1)	L-F	0 / 778	0.13 (1)
D-E	-1273 / 0	-129.7	-129.7	0.23 (1)	L-G	-193 / 0	0.09 (1)
E-F	-961 / 0	-129.7	-129.7	0.21 (1)	J-G	-487 / 0	0.49 (1)
F-G	-979 / 0	-129.7	-129.7	0.36 (1)	J-H	0 / 1004	0.23 (1)
G-H	-1021 / 0	-129.7	-129.7	0.36 (1)	C-M	-217 / 0	0.13 (1)
O-B	-1678 / 0	0.0	0.0	0.12 (1)	N-C	-276 / 2	0.10 (1)
I-H	-1493 / 0	0.0	0.0	0.33 (1)	B-N	0 / 1165	0.26 (1)
O-N	0 / 0	-18.5	-18.5	0.07 (4)			
N-M	0 / 1109	-18.5	-18.5	0.21 (1)			
M-L	0 / 974	-18.5	-18.5	0.19 (1)			
L-K	0 / 819	-18.5	-18.5	0.18 (1)			
K-J	0 / 819	-18.5	-18.5	0.18 (1)			
J-I	0 / 0	-18.5	-18.5	0.09 (4)			

TOTAL WEIGHT = 115 lb

[M][F]

DESIGN CRITERIA

TOP CH. LL = 38.3 PSF

DL = 6.0 PSF

BOT CH. LL = 0.0 PSF

DL = 7.4 PSF

TOTAL LOAD = 51.6 PSF

SPACING = 24.0 IN. C/C

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015

THIS DESIGN COMPLIES WITH:
- PART 9 OF BCBC 2018, NBC-2019AE
- PART 9 OF OBC 2012 (2019 AMENDMENT)
- CSA 086-14
- TPIC 2014

(55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL) = L/360 (0.69")
CALCULATED VERT. DEFL.(LL) = L/999 (0.04")
ALLOWABLE DEFL.(TL) = L/360 (0.69")
CALCULATED VERT. DEFL.(TL) = L/999 (0.06")

CSI: TC=0.36/1.00 (G-H:1), BC=0.21/1.00 (M-N:1),
WB=0.49/1.00 (G-J:1), SSI=0.22/1.00 (G-H:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10
COMP=1.10 SHEAR=1.10 TENS=1.10

COMPANION LIVE LOAD FACTOR = 1.00

AUTOSOLVE RIGHT HEEL ONLY

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

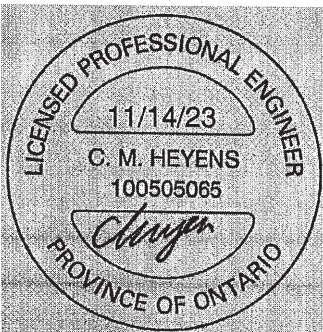
NAIL VALUES

PLATE	GRIP(DRY)	SHEAR	SECTION
(PSI)	(PLI)	(PLI)	(PLI)
MT20	650	371	1747
	788	1987	1873

PLATE PLACEMENT TOL. = 0.250 inches

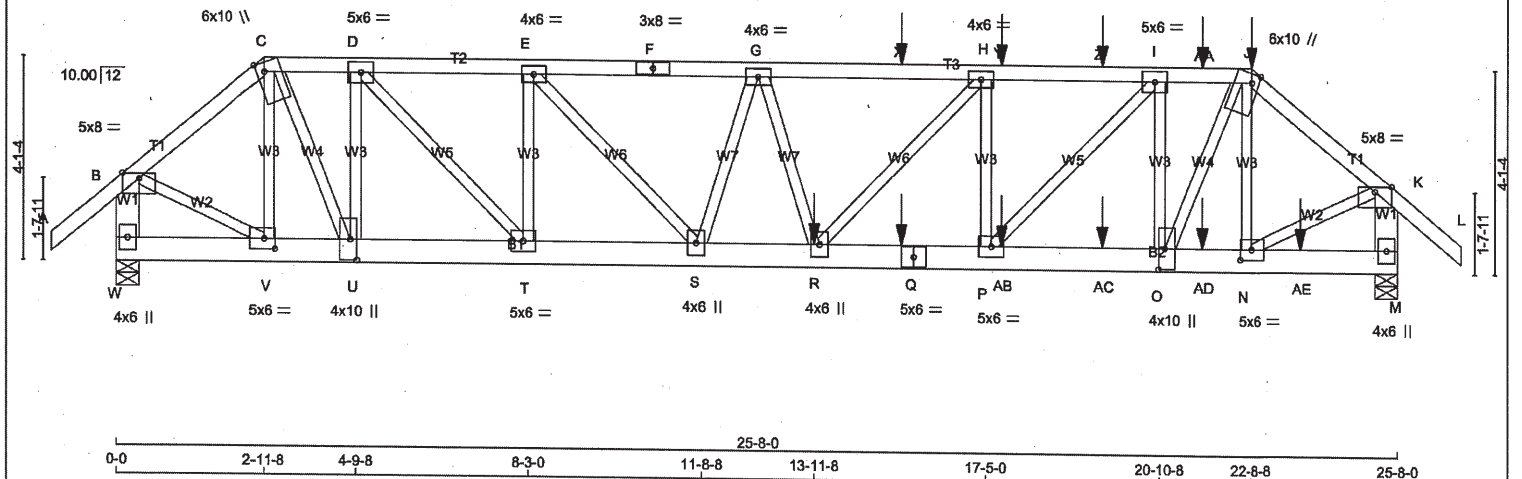
PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.83 (B) (INPUT = 0.90)
JSI METAL= 0.40 (H) (INPUT = 1.00)



STRUCTURAL COMPONENT ONLY
DWG # TR23111054

JOB NAME 418574	TRUSS NAME T50	QUANTITY 1	PLY 2	JOB DESC. BAYVIEW WELLINGTON	DRWG NO.
Tamarack Roof Truss, Burlington				Version 8.630 S Aug 30 2023 Mitek Industries, Inc. Tue Nov 14 13:47:09 2023 Page 1	
ID:WW a9t6n2X0t81sX0mwr5yKip-qvebfH70bjGmtg8vQwCGZWBDcCzQrglx6qWPYJGBG					
1-3-8 0-0 2-11-8 4-9-8 8-3-0 11-8-8 12-10-0 13-11-8 17-5-0 20-10-8 22-8-8 25-8-0 26-11-8 19-9-1 2-11-8 1-3-8					
Scale = 1:44.3					



LUMBER	N. L. G. A. RULES	CHORDS	SIZE	LUMBER	DESCR.
A - C	2x4	DRY	No.2	SPF	
C - F	2x4	DRY	No.2	SPF	
F - J	2x4	DRY	No.2	SPF	
J - L	2x4	DRY	No.2	SPF	
W - B	2x6	DRY	No.2	SPF	
M - K	2x6	DRY	No.2	SPF	
W - Q	2x6	DRY	No.2	SPF	
Q - M	2x6	DRY	No.2	SPF	
ALL WEBS	2x3	DRY	No.2	SPF	
EXCEPT					

DRY: SEASONED LUMBER.

DESIGN CONSISTS OF 2 TRUSSES BUILT SEPARATELY THEN FASTENED TOGETHER AS FOLLOWS:

CHORDS #ROWS	SURFACE SPACING (IN)	LOAD(PLF)
TOP CHORDS : (0.122"x3") SPIRAL NAILS		
A-C	1 12	TOP
C-F	1 12	TOP
F-J	1 12	TOP
J-L	1 12	TOP
W-B	2 12	TOP
M-K	2 12	TOP
BOTTOM CHORDS : (0.122"x3") SPIRAL NAILS		
W-Q	2 12	SIDE(0.0)
Q-M	2 12	SIDE(183.1)
WEBS : (0.122"x3") SPIRAL NAILS		
2x3	1 6	

NAILS TO BE DRIVEN FROM ONE SIDE ONLY.

GIRDER NAILING ASSUMES NAILED HANGERS ARE FASTENED WITH MIN. 3-0 INCH NAILS.

TOP - COMPONENTS ARE LOADED FROM THE TOP AND MUST BE PLACED ON TOP EDGE OF ALL PLIES FOR THE LOAD TO BE TRANSFERRED TO EACH PLY.

DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER

BEARINGS	FACTORED GROSS REACTION	MAXIMUM FACTORED GROSS REACTION	INPUT BRG	REQRD BRG
JT	VERT	DOWN	IN-SX	IN-SX
W	3075	0	5-8	1-11
M	3836	0	5-8	2-1

UNFACTORED REACTIONS

1ST LCASE	MAX/MIN	COMPONENT REACTIONS
JT	COMBINED	LIVE PERM.LIVE WIND DEAD SOIL
W	2137	1615 / 0 0 / 0 0 / 0 523 / 0 0 / 0
M	2666	2012 / 0 0 / 0 0 / 0 654 / 0 0 / 0

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) W, M

BRACING

TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 3.42 FT. MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.

ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

LOADING

TOTAL LOAD CASES: (4)

CHORDS	MEMB.	MAX. FACTORED FORCE (LBS)	FACTORED VERT. LOAD (PLF)	MAX. FACTORED CSI (LC)	UNBRACED LENGTH	WEBS	MEMB.	MAX. FACTORED FORCE (LBS)	MAX. FACTORED CSI (LC)
FR-TO						FR-TO			
A-B	0 / 58	-129.7	-129.7	0.10 (1)	10.00	V-C	-723 / 0	0.09 (1)	
B-C	-2851 / 0	-129.7	-129.7	0.14 (1)	5.30	C-U	0 / 2500	0.31 (1)	
C-D	-3271 / 0	-129.7	-129.7	0.08 (1)	5.09	U-D	-2257 / 0	0.29 (1)	
D-E	-5077 / 0	-129.7	-129.7	0.22 (1)	4.12	D-T	0 / 2657	0.33 (1)	
E-F	-6310 / 0	-129.7	-129.7	0.37 (1)	3.61	T-E	-1888 / 0	0.24 (1)	
F-G	-6310 / 0	-129.7	-129.7	0.37 (1)	3.61	E-S	0 / 1833	0.23 (1)	
G-X	-6894 / 0	-129.7	-129.7	0.42 (1)	3.42	R-H	0 / 1398	0.17 (1)	
X-H	-6894 / 0	-129.7	-129.7	0.42 (1)	3.42	P-H	-1895 / 0	0.24 (1)	
H-Y	-5954 / 0	-129.7	-129.7	0.34 (1)	3.70	P-I	0 / 2818	0.35 (1)	
Y-Z	-5954 / 0	-129.7	-129.7	0.34 (1)	3.70	O-I	-2585 / 0	0.33 (1)	
Z-I	-5954 / 0	-129.7	-129.7	0.34 (1)	3.70	O-J	0 / 2867	0.35 (1)	
I-AA	-4037 / 0	-129.7	-129.7	0.14 (1)	4.61	N-J	-912 / 0	0.12 (1)	
AA-J	-4037 / 0	-129.7	-129.7	0.14 (1)	4.61	B-V	0 / 2349	0.29 (1)	
J-K	-3647 / 0	-129.7	-129.7	0.16 (1)	4.79	N-K	0 / 3005	0.37 (1)	
K-L	0 / 58	-129.7	-129.7	0.10 (1)	7.81	S-G	-1307 / 0	0.18 (1)	
W-B	-3077 / 0	0.0	0.0	0.11 (1)	7.81	G-R	0 / 608	0.08 (1)	
M-K	-3832 / 0	0.0	0.0	0.14 (1)	7.22				

W-V	0 / 0	-18.5	-18.5	0.03 (1)	10.00
V-U	0 / 2162	-18.5	-18.5	0.17 (1)	10.00
U-T	0 / 3271	-18.5	-18.5	0.24 (1)	10.00
T-S	0 / 5077	-18.5	-18.5	0.37 (1)	10.00
S-R	0 / 6709	-18.5	-18.5	0.52 (1)	10.00
R-Q	0 / 5954	-18.5	-18.5	0.48 (1)	10.00
Q-P	0 / 5954	-18.5	-18.5	0.48 (1)	10.00
P-AB	0 / 4038	-18.5	-18.5	0.30 (1)	10.00
AB-AC	0 / 4038	-18.5	-18.5	0.30 (1)	10.00
AC-O	0 / 4038	-18.5	-18.5	0.30 (1)	10.00
O-AD	0 / 2766	-18.5	-18.5	0.22 (1)	10.00
AD-N	0 / 2766	-18.5	-18.5	0.22 (1)	10.00
N-AE	0 / 0	-18.5	-18.5	0.04 (1)	10.00
AE-M	0 / 0	-18.5	-18.5	0.04 (1)	10.00

SPECIFIED CONCENTRATED LOADS (LBS)

JT	LOC.	LC1	MAX+	FACE	DIR.	TYPE	HEEL	CONN.
J	22-8-8	-30	-30	FRONT	VERT	DEAD	---	C1
J	22-8-8	-188	-188	FRONT	VERT	SNOW	---	C1
Q	15-8-12	-21	-21	FRONT	VERT	TOTAL	---	C1
R	13-11-8	-1157	-1157	FRONT	VERT	TOTAL	---	C1
X	15-8-12	-106	-106	FRONT	VERT	TOTAL	---	C1
Y	17-8-12	-106	-106	FRONT	VERT	TOTAL	---	C1
Z	19-8-12	-106	-106	FRONT	VERT	TOTAL	---	C1

DESIGN CRITERIA

*** SPECIAL LOADS ANALYSIS ***
GEOMETRY AND/OR BASIC LOADS CHANGED BY USER.
LOADS WERE DERIVED FROM USER INPUT
NO FURTHER MODIFICATIONS WERE MADE

SPECIFIED LOADS:

TOP CH. LL = 38.3 PSF
DL = 6.0 PSF
BOT CH. LL = 0.0 PSF
DL = 7.4 PSF
TOTAL LOAD = 51.6 PSF

SPACING = 24.0 IN. C/C

LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.00/12

*** NON STANDARD GIRDER ***
ADD'L USER-DEFINED LOADS APPLIED TO ALL LOAD CASES.

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2015

THIS DESIGN COMPLIES WITH:
- PART 9 OF BCBC 2018, NBC-2018AE
- PART 9 OF OBC 2012 (2019 AMENDMENT)
- CSA 086-14
- TPIC 2014

(55 % OF 54.4 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 38.3 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL)= L/360 (0.86")
CALCULATED VERT. DEFL.(LL)= L/999 (0.14")
ALLOWABLE DEFL.(TL)= L/360 (0.86")
CALCULATED VERT. DEFL.(TL)= L/999 (0.23")

CSI: TC=0.42/1.00 (G-H:1), BC=0.52/1.00 (R-S:1),
WB=0.37/1.00 (K-N:1), SSI=0.20/1.00 (H-I:1)

DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.00
COMP=1.00 SHEAR=1.00 TENS=1.00

COMPANION LIVE LOAD FACTOR = 1.00

AUTOSOLVE HEELS OFF.

TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.

NAIL VALUES

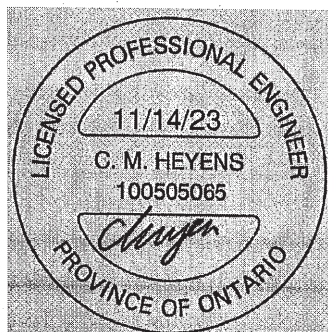
PLATE	GRIP(DRY)	SHEAR	SECTION
(PSI)	(PLI)	(PLI)	
MAX	MIN	MAX	MIN
MT20	650	371	1747
	788	1987	1873

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.68 (I) (INPUT = 0.90)
JSI METAL= 0.58 (Q) (INPUT = 1.00)

CONTINUED ON PAGE 2



STRUCTURAL COMPONENT ONLY
DWG # TR23111042

JOB NAME	TRUSS NAME	QUANTITY	PLY	JOB DESC.	DRWG NO.
418574	T50	1	2	BAYVIEW WELLINGTON	
Tamarack Roof Truss, Burlington				TRUSS DESC.	

Version 8.630 S Aug 30 2023 MiTek Industries, Inc. Tue Nov 14 13:47:09 2023 Page 2
ID:WW a9t6n2XO181sX0mwr5vIKjp-qvebifH70bigGmtg8vQwCGZWBDcCzQrglx6qWPvJGBG

PLATES (table is in inches)

JT	TYPE	PLATES	W	LEN	Y	X
B	TMVW-p	MT20	5.0	8.0	Edge	
C	TTWW+m	MT20	6.0	10.0	Edge	1.75
D	TMWW-t	MT20	5.0	6.0		
E, G, H						
E	TMWW-t	MT20	4.0	6.0		
F	TS-t	MT20	3.0	8.0		
I	TMWW-t	MT20	5.0	6.0		
J	TTWW+m	MT20	6.0	10.0	Edge	1.75
K	TMVW-p	MT20	5.0	8.0	Edge	
M	BMV1+p	MT20	4.0	6.0		
N	BMWW-t	MT20	5.0	6.0	2.50	2.75
O	BMWW+t	MT20	4.0	10.0	5.00	1.50
P	BMWW-t	MT20	5.0	6.0		
Q	BS-t	MT20	5.0	6.0		
R	BMWW+t	MT20	4.0	6.0		
S	BMWW+t	MT20	4.0	6.0		
T	BMWW-t	MT20	5.0	6.0		
U	BMWW+t	MT20	4.0	10.0	5.00	1.50
V	BMWW-t	MT20	5.0	6.0	2.50	2.75
W	BMV1+p	MT20	4.0	6.0		

Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.

NOTES-

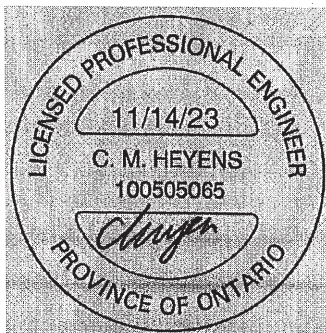
1) Lateral braces to be a minimum of 2X4 SPF #2.

SPECIFIED CONCENTRATED LOADS (LBS)

JT	LOC.	LC1	MAX-	MAX+	FACE	DIR.	TYPE	HEEL	CONN.
AA	21-8-12	-107	-107	—	FRONT	VERT	TOTAL	—	C1
AB	17-8-12	-21	-21	—	FRONT	VERT	TOTAL	—	C1
AC	19-8-12	-21	-21	—	FRONT	VERT	TOTAL	—	C1
AD	21-8-12	-21	-21	—	FRONT	VERT	TOTAL	—	C1
AE	23-8-12	-21	-21	—	FRONT	VERT	TOTAL	—	C1

CONNECTION REQUIREMENTS

1) C1: A SUITABLE HANGER/MECHANICAL CONNECTION IS REQUIRED.



STRUCTURAL COMPONENT ONLY
DWG # TR23111042

JOB NAME 418574	TRUSS NAME T50Z	QUANTITY 1	PLY 2	JOB DESC. BAYVIEW WELLINGTON	DRWG NO.
Tamarack Roof Truss, Burlington				TRUSS DESC.	



Version 8.630 S Aug 30 2023 MiTek Industries, Inc. Tue Nov 14 13:47:10 2023 Page 2
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PLATES (table is in inches)

JT	TYPE	PLATES	W	LEN	Y	X
B	TMWW-p	MT20	5.0	8.0	Edge	
C	TTWW+m	MT20	6.0	10.0	Edge	1.75
D	TMWW-t	MT20	5.0	6.0		
E, G, H						
E	TMWW-t	MT20	4.0	6.0		
F	TS-t	MT20	3.0	8.0		
I	TMWW-t	MT20	5.0	6.0		
J	TTWW+m	MT20	6.0	10.0	Edge	1.75
K	TMWW-p	MT20	5.0	8.0	Edge	
M	BMV1+p	MT20	4.0	6.0		
N	BMWW-t	MT20	5.0	6.0	2.50	2.75
O	BMWW+t	MT20	4.0	10.0	5.00	1.50
P	BMWW-t	MT20	5.0	6.0		
Q	BS-t	MT20	5.0	6.0		
R	BMWW+t	MT20	4.0	6.0		
S	BMWW+t	MT20	4.0	6.0		
T	BMWW-t	MT20	5.0	6.0		
U	BMWW+t	MT20	4.0	10.0	5.00	1.50
V	BMWW-t	MT20	5.0	6.0	2.50	2.75
W	BMV1+p	MT20	4.0	6.0		

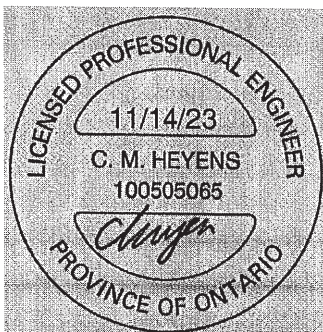
Edge - INDICATES REFERENCE CORNER OF PLATE
TOUCHES EDGE OF CHORD.

NOTES-

- 1) Lateral braces to be a minimum of 2X4 SPF #2.

CONNECTION REQUIREMENTS

- 1) C1: A SUITABLE HANGER/MECHANICAL CONNECTION IS REQUIRED.



STRUCTURAL COMPONENT ONLY
DWG # TR23111043

JOB NAME	TRUSS NAME	QUANTITY	PLY	JOB DESC.	DRWG NO.
418576	T50Z2	1	2	BAYVIEW WELLINGTON	
Tamarack Roof Truss, Burlington		TRUSS DESC.			



Version 8.630 S Aug 30 2023 MiTek Industries, Inc. Tue Nov 14 13:44:13 2023 Page 2
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PLATES (table is in inches)

JT	TYPE	PLATES	W	LEN	Y	X
B	TMVW-p	MT20	5.0	8.0	Edge	
C	TTWW+m	MT20	6.0	10.0	Edge	1.75
D	TMWW-t	MT20	5.0	6.0		
E, G, H						
E	TMWW-t	MT20	4.0	6.0		
F	TS-t	MT20	3.0	8.0		
I	TMWW-t	MT20	5.0	6.0		
J	TTWW+m	MT20	6.0	10.0	Edge	1.75
K	TMVW-p	MT20	5.0	8.0	Edge	
M	BMV1+p	MT20	4.0	6.0		
N	BMWW-t	MT20	5.0	8.0	2.50	2.75
O	BMWW+t	MT20	4.0	10.0	5.00	1.50
P	BMWW-t	MT20	5.0	6.0		
Q	BS-t	MT20	5.0	6.0		
R	BMWW+t	MT20	4.0	6.0		
S	BMWW+t	MT20	4.0	6.0		
T	BMWW-t	MT20	5.0	6.0		
U	BMWW+t	MT20	4.0	10.0	5.00	1.50
V	BMWW-t	MT20	5.0	6.0	2.50	2.75
W	BMV1+p	MT20	4.0	6.0		

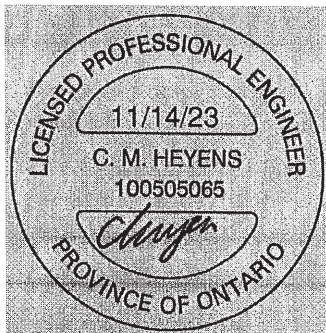
Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.

NOTES-

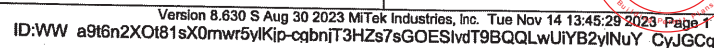
1) Lateral braces to be a minimum of 2X4 SPF #2.

CONNECTION REQUIREMENTS

1) C1: A SUITABLE HANGER/MECHANICAL CONNECTION IS REQUIRED.



STRUCTURAL COMPONENT ONLY
DWG # TR23111055



CONTINUED ON PAGE 2



JOB NAME	TRUSS NAME	QUANTITY	PLY	JOB DESC.	DRWG NO.
418575	T50Z1	1	2	BAYVIEW WELLINGTON	
Tamarack Roof Truss, Burlington				TRUSS DESC.	



Version 8.630 S Aug 30 2023 MiTek Industries, Inc. Tue Nov 14 13:45:29 2023 Page 2
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PLATES (table is in inches)

JT	TYPE	PLATES	W	LEN	Y	X
B	TMWW-p	MT20	5.0	8.0	Edge	
C	TTWW+m	MT20	6.0	10.0	Edge	1.75
D	TMWW-t	MT20	5.0	6.0		
E, G, H						
E	TMWW-t	MT20	4.0	6.0		
F	TS-t	MT20	3.0	8.0		
I	TMWW-t	MT20	5.0	6.0		
J	TTWW+m	MT20	6.0	10.0	Edge	1.75
K	TMWW-p	MT20	5.0	8.0	Edge	
M	BMV1+p	MT20	4.0	6.0		
N	BMWW-t	MT20	5.0	6.0	2.50	2.75
O	BMWW-t	MT20	4.0	10.0	5.00	1.50
P	BMWW-t	MT20	5.0	6.0		
Q	BS-t	MT20	5.0	6.0		
R	BMWW-t	MT20	4.0	6.0		
S	BMWW-t	MT20	4.0	6.0		
T	BMWW-t	MT20	5.0	6.0		
U	BMWW-t	MT20	4.0	10.0	5.00	1.50
V	BMWW-t	MT20	5.0	6.0	2.50	2.75
W	BMV1+p	MT20	4.0	6.0		

Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.

NOTES-

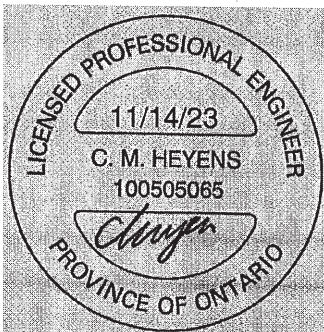
- 1) Lateral braces to be a minimum of 2X4 SPF #2.

SPECIFIED CONCENTRATED LOADS (LBS)

JT	LOC.	LC1	MAX-	MAX+	FACE	DIR.	TYPE	HEEL	CONN.
AA	21-8-12	-107	-107	—	FRONT	VERT	TOTAL	—	C1
AB	17-8-12	-21	-21	—	FRONT	VERT	TOTAL	—	C1
AC	19-8-12	-21	-21	—	FRONT	VERT	TOTAL	—	C1
AD	21-8-12	-21	-21	—	FRONT	VERT	TOTAL	—	C1
AE	23-8-12	-21	-21	—	FRONT	VERT	TOTAL	—	C1

CONNECTION REQUIREMENTS

- 1) C1: A SUITABLE HANGER/MECHANICAL CONNECTION IS REQUIRED.



STRUCTURAL COMPONENT ONLY
DWG # TR23111048

