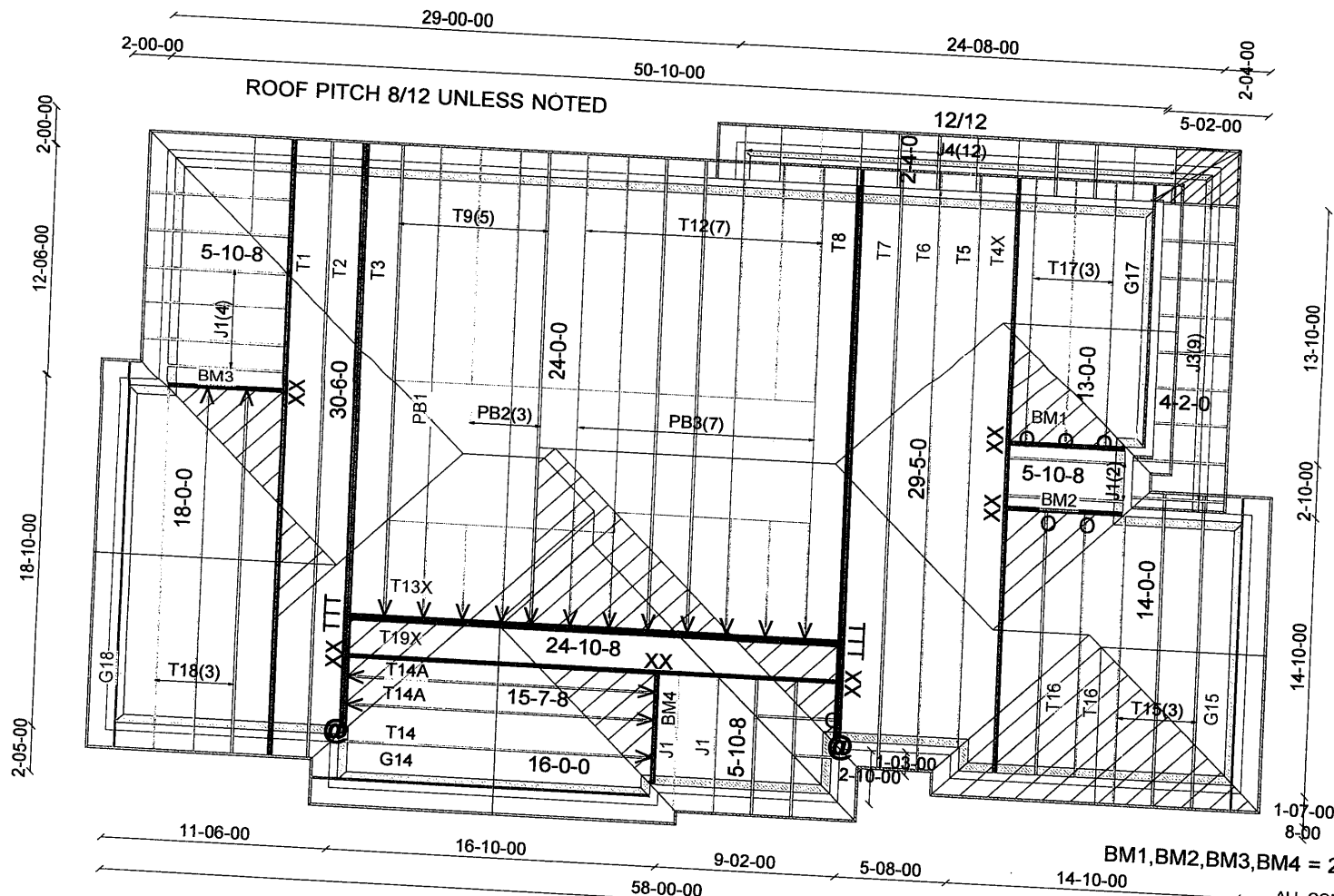




ASPHALT SHINGLES  
12" FINISHED OH.  
R.T.M.C.  
2X6 EXTERIOR WALLS  
2X6 FASCIA BOARD

HARDWARE:  
LUS24 - (O)  
LJS26DS - (V)  
HGUS26-2 - (XX)  
THGQ3-SDS4.5 - (TTT)  
CP3-6 - (@)

DENOTES  
CONV.  
FRAMING



DESIGN CONFORMS  
WITH O.B.C. 2012 PART 9  
DESIGN LOADS:  
SNOW LOAD 32.5 PSF  
TC DEAD 6 PSF  
BC LIVE 10.5 PSF  
BC DEAD 7 PSF

T - 170639

BM1, BM2, BM3, BM4 = 2-2X10

ALL CONV. FRAMINGS TO CONFORM WITH PART 9 OF O.B.C. 2012  
ROOF RAFTERS THAT CROSS MEET OVER TRUSSES TO BE 2x4  
SPF @ 24" O.C. WITH A 2x4 VERT. POST LONGER THAN 6'  
UNDERNEATH AT EACH CROSS PT. VERT. POST LONGER THAN 6'  
TO HAVE LATERAL BRACING SO THAT THE DISTANCE BETWEEN  
END PT. & BETWEEN ROWS OF BRACING DOES NOT EXCEED 6'

m11,572



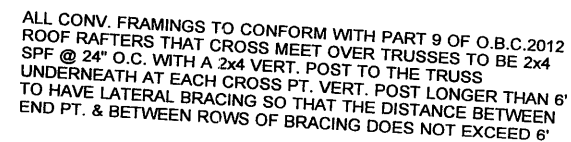
Job Track: **44755**  
Layout ID: **296551**  
Plan Log: **94071**

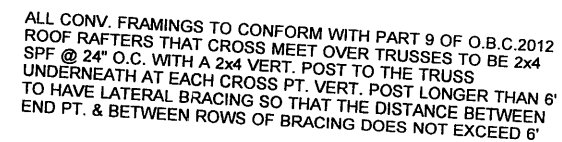
Builder / Location:  
**BAYVIEW WELLINGTON HOMES / BRADFORD**  
Project: **GREEN VALLEY EAST**  
Date: **4/3/2018** Designer: **AC/S.V.E**

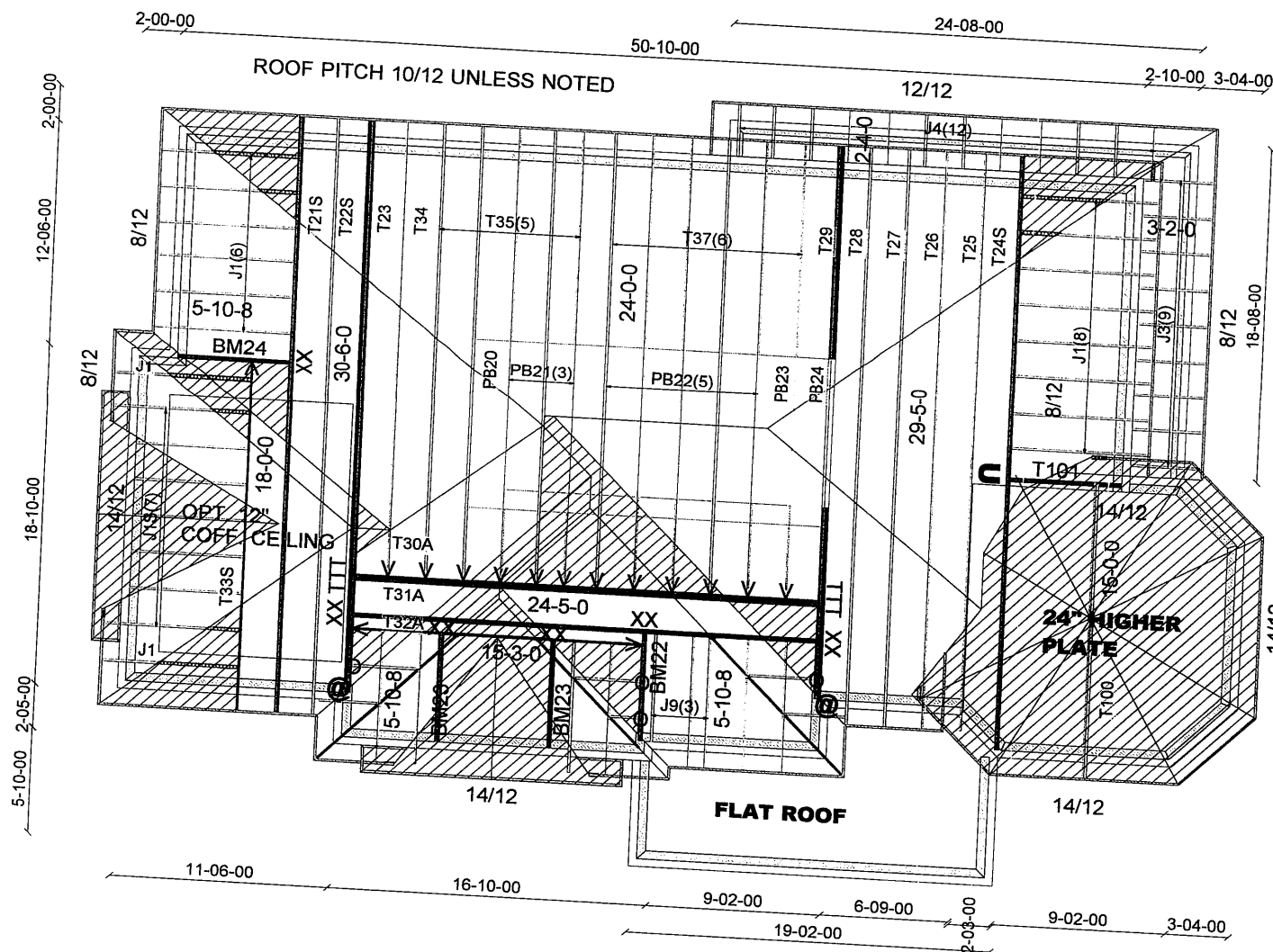
Model / Elevation:

**S42-7C/ A STD.**

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 7.5.0







ASPHALT SHINGLES  
12" FINISHED OH.  
R.T.M.C.  
2X6 EXTERIOR WALLS  
2X6 FASCIA BOARD

HARDWARE:  
LUS24 - (O)  
LJS26DS - (V)  
HGUS26-2 - (XX)  
HUSC26-2 - (U)  
THGQ3-SDS4.5 - (TTT)  
CP3-6 - (@)

DENOTES  
CONV.  
FRAMING

DESIGN CONFORMS  
WITH O.B.C. 2012 PART 9  
DESIGN LOADS:  
SNOW LOAD 32.5 PSF  
TC DEAD 6 PSF  
BC LIVE 10.5 PSF  
BC DEAD 7 PSF

T - 170639

BM22, BM23, BM24 = 2-2X10

ALL CONV. FRAMINGS TO CONFORM WITH PART 9 OF O.B.C.2012  
ROOF RAFTERS THAT CROSS MEET OVER TRUSSES TO BE 2x4  
SPF @ 24" O.C. WITH A 2x4 VERT. POST TO THE TRUSS  
UNDERNEATH AT EACH CROSS PT. VERT. POST LONGER THAN 6'  
TO HAVE LATERAL BRACING SO THAT THE DISTANCE BETWEEN  
END PT. & BETWEEN ROWS OF BRACING DOES NOT EXCEED 6'

m11,572



Job Track: 44755

Layout ID: 287686

Plan Log: 94071

Builder / Location:

BAYVIEW WELLINGTON HOMES / BRADFORD

Project: GREEN VALLEY ESTATES

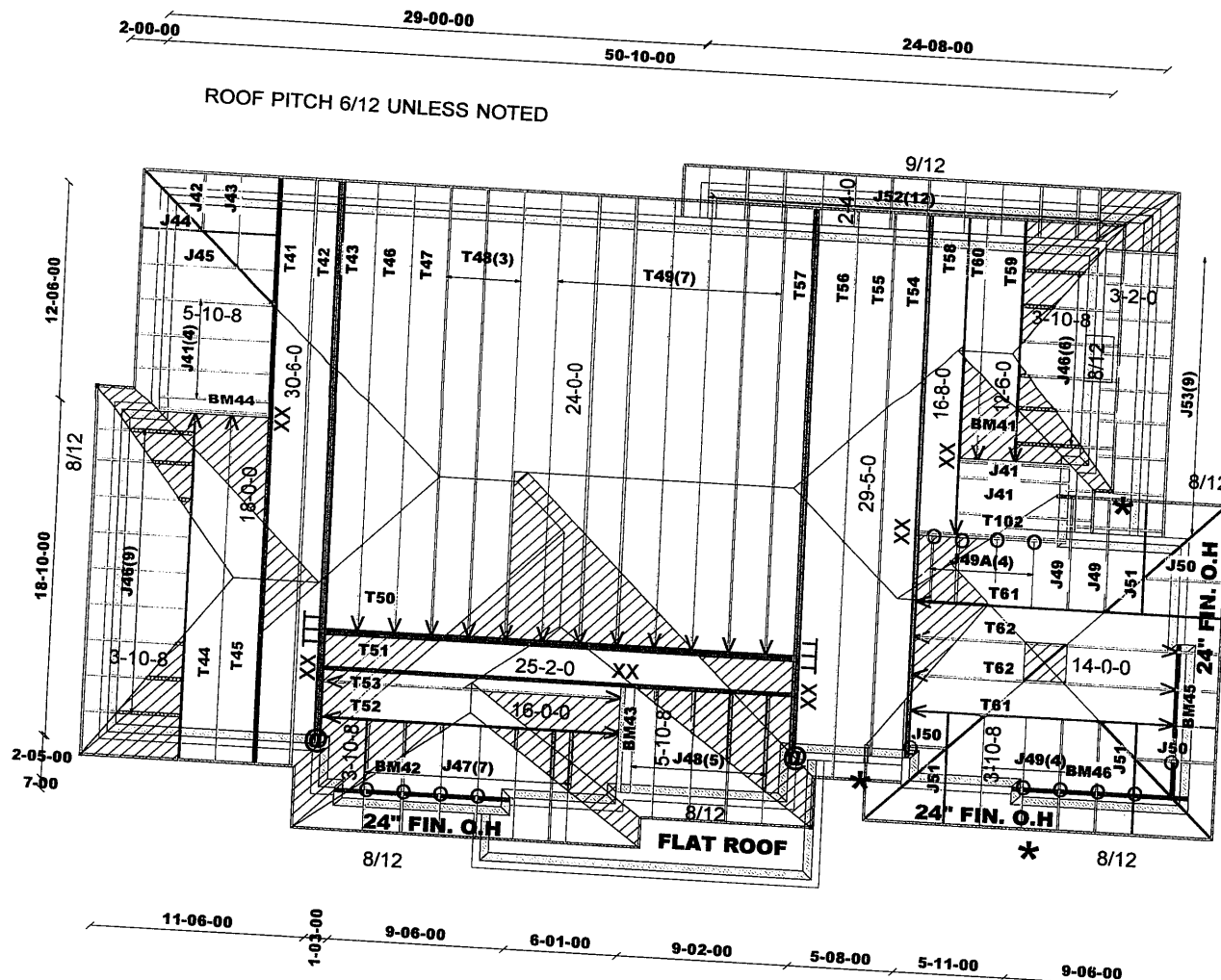
Date: 4/3/2018

Designer: AC/S.V.E

Model / Elevation:

S42-7C / B STD+OPT. COFF.

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ASPHALT SHINGLES  
12" FINISHED OH.  
R.T.M.C.  
2X6 EXTERIOR WALLS  
2X6 FASCIA BOARD

HARDWARE:  
LUS24 - (O)  
LJS26DS - (V)  
HGUS26-2 - (XX)  
THGQ3-SDS4.5 - (TTT)  
CP3-6 - (@)

DENOTES  
CONV.  
FRAMING



DESIGN CONFORMS  
WITH O.B.C. 2012 PART 9  
DESIGN LOADS:  
SNOW LOAD 32.5 PSF  
TC DEAD 6 PSF  
BC LIVE 10.5 PSF  
BC DEAD 7 PSF

T - 170639

\* 12" RAISED FASCIA

BM41, BM42, BM43, BM44, BM45, BM46 = 2-2X10

ALL CONV. FRAMINGS TO CONFORM WITH PART 9 OF O.B.C. 2012  
ROOF RAFTERS THAT CROSS MEET OVER TRUSSES TO BE 2x4  
SPF @ 24" O.C. WITH A 2x4 VERT. POST TO THE TRUSS  
UNDERNEATH AT EACH CROSS PT. VERT. POST LONGER THAN 6'  
TO HAVE LATERAL BRACING SO THAT THE DISTANCE BETWEEN  
END PT. & BETWEEN ROWS OF BRACING DOES NOT EXCEED 6'

mil, 572



Job Track: **44755**  
Layout ID: **296553**  
Plan Log: **94071**

Builder / Location:

**BAYVIEW WELLINGTON HOMES / BRADFORD**

Project: **GREEN VALLEY EAST**

Date: **4/3/2018**

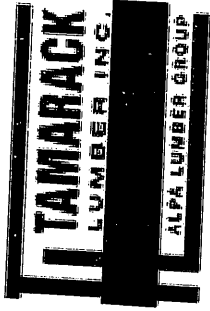
Designer: **AC/S.V.E**

Model / Elevation:

**S42-7C / C STD.**

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.





## Delivery Shiplist

|           |          |
|-----------|----------|
| DATE      | 04/02/18 |
| SALES REP | Mario    |

JOB TRACK: 44755      LAYOUT ID: 296551      LOCATION: BAYVIEW WELLINGTON-GREEN VALLE      SUB-BUILDER: S42-7C      ELEVATION: A STD

### ROOF TRUSSES

| ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.) |            |                    |              |          |          |                |                      |                      |                  |          |          |
|------------------------------------------|------------|--------------------|--------------|----------|----------|----------------|----------------------|----------------------|------------------|----------|----------|
| PROFILE                                  | QTY        | MARK               | PITCH        | SPAN     | TRUSS    | LUMBER         | OVERHANG             | HEEL HEIGHT          | LBS.             | BUNDLE # | LOAD BY: |
|                                          | PLY        | TYPE               | TC<br>BC     |          | HEIGHT   | TOP<br>BOT     | LEFT<br>RIGHT        | LEFT<br>RIGHT        | BFT.             | STACK #  | REMARKS  |
|                                          | 1<br>2 Ply | T1<br>HIP GIRDER   | 8.00<br>0.00 | 30-06-00 | 05-03-13 | 2 X 6<br>2 X 6 | 01-03-08<br>01-03-08 | 01-04-13<br>01-04-13 | 368.00<br>224.00 |          |          |
|                                          | 1          | T2<br>HIP          | 8.00<br>0.00 | 30-06-00 | 06-07-13 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-04-13<br>01-04-13 | 125.96<br>80.50  |          |          |
|                                          | 1<br>3 Ply | T3<br>HIP GIRDER   | 8.00<br>0.00 | 30-06-00 | 07-08-13 | 2 X 6<br>2 X 6 | 01-03-08<br>01-03-08 | 01-04-13<br>01-04-13 | 669.09<br>398.01 |          |          |
|                                          | 1<br>2 Ply | T4X<br>HIP GIRDER  | 8.00<br>0.00 | 30-08-00 | 05-03-13 | 2 X 6<br>2 X 6 | 01-03-08<br>00-00-00 | 01-04-13<br>00-06-13 | 369.02<br>218.00 |          |          |
|                                          | 1          | T5<br>HIP          | 8.00<br>0.00 | 29-05-00 | 06-07-13 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-04-13<br>01-04-13 | 122.83<br>78.17  |          |          |
|                                          | 1          | T6<br>HIP          | 8.00<br>0.00 | 29-05-00 | 07-11-13 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-04-13<br>01-04-13 | 134.83<br>84.67  |          |          |
|                                          | 1          | T7<br>HIP          | 8.00<br>0.00 | 29-05-00 | 09-03-13 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-04-13<br>01-04-13 | 134.03<br>83.33  |          |          |
|                                          | 1<br>3 Ply | T8<br>HIP GIRDER   | 8.00<br>0.00 | 29-05-00 | 10-07-13 | 2 X 6<br>2 X 6 | 01-03-08<br>01-03-08 | 01-04-13<br>01-04-13 | 752.55<br>459.99 |          |          |
|                                          | 5          | T9<br>PIGGYBACK    | 8.00<br>0.00 | 24-00-00 | 09-00-13 | 2 X 4<br>2 X 4 | 01-03-08<br>00-00-00 | 01-04-13<br>05-08-13 | 583.60<br>372.50 |          |          |
|                                          | 7          | T12<br>PIGGYBACK   | 8.00<br>0.00 | 24-00-00 | 09-00-13 | 2 X 4<br>2 X 4 | 01-03-08<br>00-00-00 | 01-04-13<br>05-00-02 | 850.85<br>534.31 |          |          |
|                                          | 1<br>2 Ply | T19X<br>HIP GIRDER | 8.00<br>0.00 | 24-10-08 | 05-03-13 | 2 X 6<br>2 X 6 | 00-00-00<br>00-00-00 | 01-07-13<br>01-04-02 | 300.34<br>183.34 |          |          |
|                                          | 1<br>3 Ply | T13X<br>HIP GIRDER | 8.00<br>0.00 | 24-10-08 | 06-07-13 | 2 X 6<br>2 X 6 | 00-00-00<br>00-00-00 | 01-07-13<br>01-04-02 | 481.92<br>294.00 |          |          |
|                                          | 1          | T14<br>COMMON      | 8.00<br>0.00 | 16-00-00 | 06-08-13 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-04-13<br>01-04-13 | 68.02<br>44.17   |          |          |
|                                          | 2          | T14A<br>COMMON     | 8.00<br>0.00 | 15-07-08 | 06-08-13 | 2 X 4<br>2 X 4 | 01-03-08<br>00-00-00 | 01-04-13<br>01-07-13 | 130.74<br>86.00  |          |          |
|                                          | 1          | G14<br>GABLE       | 8.00<br>0.00 | 16-00-00 | 06-08-13 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-04-13<br>01-04-13 | 71.40<br>46.17   |          |          |
|                                          | 3          | T18<br>COMMON      | 8.00<br>0.00 | 18-00-00 | 07-04-13 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-04-13<br>01-04-13 | 226.59<br>140.52 |          |          |
|                                          | 1          | G18<br>COMMON      | 8.00<br>0.00 | 18-00-00 | 07-04-13 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-04-13<br>01-04-13 | 81.47<br>52.84   |          |          |
|                                          | 3          | T15<br>COMMON      | 8.00<br>0.00 | 14-00-00 | 06-00-13 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-04-13<br>01-04-13 | 181.53<br>114.99 |          |          |



## Delivery Shiplist

|           |          |
|-----------|----------|
| DATE      | 04/02/18 |
| SALES REP | Mario    |

JOB TRACK:44755 LAYOUT ID: 296551 LOCATION:  
BUILDER: BAYVIEW WELLINGTON-GREEN VALLE SUB-BUILDER:  
MODEL: S42-7C ELEVATION: A STD

### ROOF TRUSSES

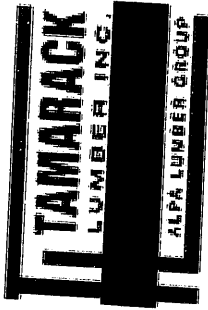
| PROFILE | QTY | PLY | MARK TYPE     | PITCH TC BC | SPAN     | TRUSS HEIGHT | LUMBER |       | OVERHANG LEFT RIGHT | HEEL HEIGHT LEFT RIGHT |          | LBS. BFT. | BUNDLE # | STACK # | LOAD BY: REMARKS |
|---------|-----|-----|---------------|-------------|----------|--------------|--------|-------|---------------------|------------------------|----------|-----------|----------|---------|------------------|
|         |     |     |               |             |          |              | TOP    | BOT   |                     |                        |          |           |          |         |                  |
|         | 1   |     | G15 GABLE     | 8.00 0.00   | 14-00-00 | 06-00-13     | 2 X 4  | 2 X 4 | 01-03-08            | 01-04-13               | 01-04-13 | 61.39     |          |         |                  |
|         | 2   |     | T16 COMMON    | 8.00 0.00   | 14-00-00 | 05-07-13     | 2 X 4  | 2 X 4 | 00-00-00            | 00-06-13               | 01-04-13 | 40.33     |          |         |                  |
|         | 3   |     | T17 COMMON    | 8.00 0.00   | 13-00-00 | 05-08-13     | 2 X 4  | 2 X 4 | 00-00-00            | 01-04-13               | 01-04-13 | 102.52    |          |         |                  |
|         | 1   |     | G17 COMMON    | 8.00 0.00   | 13-00-00 | 05-08-13     | 2 X 4  | 2 X 4 | 01-03-08            | 01-04-13               | 01-04-13 | 65.34     |          |         |                  |
|         | 1   |     | PB1 PIGGYBACK | 8.00 0.00   | 06-00-02 | 01-02-08     | 2 X 4  | 2 X 4 | 00-00-00            | 00-04-07               | 00-04-07 | 170.28    |          |         |                  |
|         | 3   |     | PB2 PIGGYBACK | 8.00 0.00   | 06-00-02 | 02-04-08     | 2 X 4  | 2 X 4 | 00-00-00            | 00-04-07               | 00-04-07 | 109.02    |          |         |                  |
|         | 7   |     | PB3 PIGGYBACK | 8.00 0.00   | 04-11-02 | 02-00-03     | 2 X 4  | 2 X 4 | 00-00-00            | 00-04-07               | 00-04-07 | 58.24     |          |         |                  |
|         | 8   |     | J1 JACK-OPEN  | 8.00 0.00   | 05-10-08 | 05-03-13     | 2 X 4  | 2 X 4 | 00-00-00            | 01-04-13               | 05-03-13 | 37.34     |          |         |                  |
|         | 2   |     | C1 JACK-OPEN  | 8.00 0.00   | 01-10-08 | 02-07-02     | 2 X 4  | 2 X 4 | 01-03-08            | 01-04-13               | 00-03-08 | 17.35     |          |         |                  |
|         | 1   |     | C2 JACK-OPEN  | 8.00 0.00   | 01-10-08 | 03-11-02     | 2 X 4  | 2 X 4 | -00-01-01           | 00-03-08               | 00-05-03 | 12.33     |          |         |                  |
|         | 1   |     | C2T JACK-OPEN | 8.00 0.00   | 01-11-08 | 03-11-02     | 2 X 4  | 2 X 4 | 01-03-08            | 01-04-13               | 00-05-03 | 55.62     |          |         |                  |
|         | 2   |     | C3 JACK-OPEN  | 8.00 0.00   | 05-10-08 | 02-07-02     | 2 X 4  | 2 X 4 | 01-10-15            | 00-03-08               | 00-05-03 | 36.99     |          |         |                  |
|         | 2   |     | C4 JACK-OPEN  | 8.00 0.00   | 05-10-08 | 03-11-02     | 2 X 4  | 2 X 4 | 01-03-08            | 01-04-13               | 00-03-08 | 108.64    |          |         |                  |
|         | 9   |     | J3 JACK       | 8.00 0.00   | 04-02-00 | 03-01-13     | 2 X 4  | 2 X 4 | -04-01-01           | 00-04-07               | 03-01-13 | 67.69     |          |         |                  |
|         | 12  |     | J4 JACK       | 12.00 0.00  | 02-04-00 | 03-02-02     | 2 X 4  | 2 X 4 | 01-03-08            | 00-10-02               | 03-02-02 | 142.64    |          |         |                  |

TOTAL # TRUSS= 97.00

### HARDWARE

| QTY | ITEM TYPE    | MODEL         | LENGTH FT-IN-16 |
|-----|--------------|---------------|-----------------|
| 2   | Crush Plates | CP3-6         |                 |
| 2   | Hangers      | THGQH3-SDS4.5 |                 |

TOTAL BFT OF ALL TRUSSES= 4162.48 BFT. TOTAL WEIGHT OF ALL TRUSSES= 6686.55 LBS.



## Delivery Shiplist

|           |          |
|-----------|----------|
| DATE      | 04/02/18 |
| SALES REP | Mario    |

Page 3 of 3

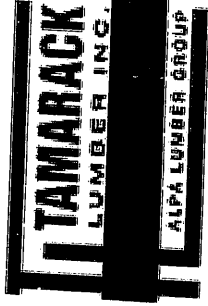
JOB TRACK: 44755      LAYOUT ID: 296551      LOCATION:  
BUILDER: BAYVIEW WELLINGTON-GREEN VALLE      SUB-BUILDER:  
MODEL: S42-7C      ELEVATION: A STD

### HARDWARE

| QTY | ITEM TYPE | MODEL    | LENGTH<br>FT-IN-16 |
|-----|-----------|----------|--------------------|
| 5   | Hangers   | HGUS26-2 |                    |
| 19  | Hangers   | LJS26DS  |                    |
| 6   | Hangers   | LUS24    |                    |

TOTAL # ITEMS= 34.00

Site Copy



## Delivery Shiplist

|           |          |
|-----------|----------|
| DATE      | 04/02/18 |
| SALES REP | Mario    |

Page 1 of 3

JOB TRACK: 44755 LAYOUT ID: 287685 LOCATION: BRADFORD  
BUILDER: BAYVIEW WELLINGTON-GREEN VALLE SUB-BUILDER:  
MODEL: S42-7C ELEVATION: A STD. +OPT. COFF.

### ROOF TRUSSES

| PROFILE |   | QTY | PLY | MARK TYPE  | PITCH TC BC | SPAN     | TRUSS HEIGHT | LUMBER TOP BOT | OVERHANG LEFT RIGHT | HEEL HEIGHT LEFT RIGHT | LBS. BFT. | BUNDLE # STACK # | LOAD BY: REMARKS |
|---------|---|-----|-----|------------|-------------|----------|--------------|----------------|---------------------|------------------------|-----------|------------------|------------------|
|         | 1 | 2   | Ply | T1S        | 8.00        | 30-06-00 | 05-03-13     | 2 X 6 2 X 6    | 01-03-08            | 01-04-13               | 386.14    |                  |                  |
|         |   |     |     | HIP GIRDER | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 1 | 3   | Ply | T2S        | 8.00        | 30-06-00 | 06-07-13     | 2 X 4 2 X 4    | 01-03-08            | 01-04-13               | 139.51    |                  |                  |
|         |   |     |     | HIP        | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 1 | 3   | Ply | T3         | 8.00        | 30-06-00 | 07-08-13     | 2 X 6 2 X 6    | 01-03-08            | 01-04-13               | 669.09    |                  |                  |
|         |   |     |     | HIP GIRDER | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 1 | 2   | Ply | T4X        | 8.00        | 30-08-00 | 05-03-13     | 2 X 6 2 X 6    | 01-03-08            | 01-04-13               | 369.02    |                  |                  |
|         |   |     |     | HIP GIRDER | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 1 | 1   |     | T5         | 8.00        | 29-05-00 | 06-07-13     | 2 X 4 2 X 4    | 01-03-08            | 01-04-13               | 122.83    |                  |                  |
|         |   |     |     | HIP        | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 1 | 1   |     | T6         | 8.00        | 29-05-00 | 07-11-13     | 2 X 4 2 X 4    | 01-03-08            | 01-04-13               | 134.83    |                  |                  |
|         |   |     |     | HIP        | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 1 | 1   |     | T7         | 8.00        | 29-05-00 | 09-03-13     | 2 X 4 2 X 4    | 01-03-08            | 01-04-13               | 134.03    |                  |                  |
|         |   |     |     | HIP        | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 1 | 3   | Ply | T8         | 8.00        | 29-05-00 | 10-07-13     | 2 X 6 2 X 6    | 01-03-08            | 01-04-13               | 752.55    |                  |                  |
|         |   |     |     | HIP GIRDER | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 5 | 7   |     | T9         | 8.00        | 24-00-00 | 09-00-13     | 2 X 4 2 X 4    | 01-03-08            | 01-04-13               | 583.60    |                  |                  |
|         |   |     |     | PIGGYBACK  | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 7 | 1   |     | T12        | 8.00        | 24-00-00 | 09-00-13     | 2 X 4 2 X 4    | 01-03-08            | 01-04-13               | 850.85    |                  |                  |
|         |   |     |     | PIGGYBACK  | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 1 | 2   | Ply | T19X       | 8.00        | 24-10-08 | 05-03-13     | 2 X 6 2 X 6    | 00-00-00            | 01-07-13               | 300.34    |                  |                  |
|         |   |     |     | HIP GIRDER | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 1 | 3   | Ply | T13X       | 8.00        | 24-10-08 | 06-07-13     | 2 X 6 2 X 6    | 00-00-00            | 01-04-02               | 183.34    |                  |                  |
|         |   |     |     | HIP GIRDER | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 1 | 1   |     | T14        | 8.00        | 16-00-00 | 06-08-13     | 2 X 4 2 X 4    | 01-03-08            | 01-04-13               | 68.02     |                  |                  |
|         |   |     |     | COMMON     | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 1 | 2   |     | G14        | 8.00        | 16-00-00 | 06-08-13     | 2 X 4 2 X 4    | 01-03-08            | 01-04-13               | 44.17     |                  |                  |
|         |   |     |     | GABLE      | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 2 | 3   |     | T14A       | 8.00        | 15-07-08 | 06-08-13     | 2 X 4 2 X 4    | 01-03-08            | 01-07-13               | 130.74    |                  |                  |
|         |   |     |     | COMMON     | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 3 | 1   |     | T18S       | 8.00        | 18-00-00 | 07-04-13     | 2 X 4 2 X 4    | 01-03-08            | 01-04-13               | 240.66    |                  |                  |
|         |   |     |     | ROOF       | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 1 | 3   |     | G18        | 8.00        | 18-00-00 | 07-04-13     | 2 X 4 2 X 4    | 01-03-08            | 01-04-13               | 81.47     |                  |                  |
|         |   |     |     | COMMON     | 0.00        |          |              |                |                     |                        |           |                  |                  |
|         | 3 | 1   |     | T15        | 8.00        | 14-00-00 | 06-00-13     | 2 X 4 2 X 4    | 01-03-08            | 01-04-13               | 181.53    |                  |                  |
|         |   |     |     | COMMON     | 0.00        |          |              |                |                     |                        |           |                  |                  |

Site Copy



## Delivery Shiplist

|           |          |
|-----------|----------|
| DATE      | 04/02/18 |
| SALES REP | Mario    |

JOB TRACK:44755 LAYOUT ID: 287685 LOCATION: BRADFORD  
BUILDER: BAYVIEW WELLINGTON-GREEN VALLE SUB-BUILDER:  
MODEL: S42-7C ELEVATION: A STD. +OPT. COFF.

### ROOF TRUSSES

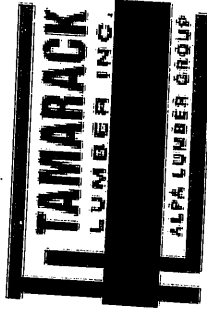
| PROFILE | QTY | PLY | MARK TYPE     | PITCH TC BC | SPAN     | TRUSS HEIGHT | LUMBER |       | OVERHANG LEFT RIGHT | HEEL HEIGHT LEFT RIGHT |  | LBS. BFT.     | BUNDLE # STACK # | LOAD BY: REMARKS |
|---------|-----|-----|---------------|-------------|----------|--------------|--------|-------|---------------------|------------------------|--|---------------|------------------|------------------|
|         |     |     |               |             |          |              | TOP    | BOT   |                     |                        |  |               |                  |                  |
|         | 1   |     | G15 GABLE     | 8.00 0.00   | 14-00-00 | 06-00-13     | 2 X 4  | 2 X 4 | 01-03-08 01-03-08   | 01-04-13 01-04-13      |  | 61.39 40.33   |                  |                  |
|         | 2   |     | T16 COMMON    | 8.00 0.00   | 14-00-00 | 05-07-13     | 2 X 4  | 2 X 4 | 00-00-00 00-00-00   | 00-06-13 01-04-13      |  | 102.52 65.34  |                  |                  |
|         | 3   |     | T17 COMMON    | 8.00 0.00   | 13-00-00 | 05-08-13     | 2 X 4  | 2 X 4 | 01-03-08 01-03-08   | 01-04-13 01-04-13      |  | 170.28 109.02 |                  |                  |
|         | 1   |     | G17 COMMON    | 8.00 0.00   | 13-00-00 | 05-08-13     | 2 X 4  | 2 X 4 | 01-03-08 01-03-08   | 01-04-13 01-04-13      |  | 58.24 37.34   |                  |                  |
|         | 1   |     | PB1 PIGGYBACK | 8.00 0.00   | 06-00-02 | 01-02-08     | 2 X 4  | 2 X 4 | 00-00-00 00-00-00   | 00-04-07 00-04-07      |  | 17.35 12.33   |                  |                  |
|         | 3   |     | PB2 PIGGYBACK | 8.00 0.00   | 06-00-02 | 02-04-08     | 2 X 4  | 2 X 4 | 00-00-00 00-00-00   | 00-04-07 00-04-07      |  | 55.62 36.99   |                  |                  |
|         | 7   |     | PB3 PIGGYBACK | 8.00 0.00   | 04-11-02 | 02-00-03     | 2 X 4  | 2 X 4 | 00-00-00 00-00-00   | 00-04-07 00-04-07      |  | 108.64 67.69  |                  |                  |
|         | 8   |     | J1 JACK-OPEN  | 8.00 0.00   | 05-10-08 | 05-03-13     | 2 X 4  | 2 X 4 | 01-03-08 00-00-00   | 01-04-13 05-03-13      |  | 142.64 85.36  |                  |                  |
|         | 2   |     | C1 JACK-OPEN  | 8.00 0.00   | 01-10-08 | 02-07-02     | 2 X 4  | 2 X 4 | 01-03-08 -00-01-01  | 01-04-13 00-03-08      |  | 15.34 9.34    |                  |                  |
|         | 1   |     | C2 JACK-OPEN  | 8.00 0.00   | 01-10-08 | 03-11-02     | 2 X 4  | 2 X 4 | 01-03-08 01-10-15   | 01-04-13 00-05-03      |  | 10.41 6.67    |                  |                  |
|         | 1   |     | C2T JACK-OPEN | 8.00 0.00   | 01-11-08 | 03-11-02     | 2 X 4  | 2 X 4 | 00-00-00 01-10-15   | 01-04-02 00-05-03      |  | 8.44 5.17     |                  |                  |
|         | 2   |     | C3 JACK-OPEN  | 8.00 0.00   | 05-10-08 | 02-07-02     | 2 X 4  | 2 X 4 | 01-03-08 -04-01-01  | 01-04-13 00-03-08      |  | 24.46 14.66   |                  |                  |
|         | 2   |     | C4 JACK-OPEN  | 8.00 0.00   | 05-10-08 | 03-11-02     | 2 X 4  | 2 X 4 | 01-03-08 -02-01-01  | 01-04-13 00-03-08      |  | 29.94 18.66   |                  |                  |
|         | 9   |     | J3 JACK       | 8.00 0.00   | 04-02-00 | 03-01-13     | 2 X 4  | 2 X 4 | 01-03-08 00-00-00   | 00-04-07 03-01-13      |  | 116.55 78.03  |                  |                  |
|         | 12  |     | J4 JACK       | 12.00 0.00  | 02-04-00 | 03-02-02     | 2 X 4  | 2 X 4 | 01-03-08 00-00-00   | 00-10-02 03-02-02      |  | 111.96 80.04  |                  |                  |

TOTAL # TRUSS= 97.00

### HARDWARE

| QTY | ITEM TYPE    | MODEL         | LENGTH FT-IN-16 |
|-----|--------------|---------------|-----------------|
| 2   | Crush Plates | CP3-6         |                 |
| 2   | Hangers      | THGQH3-SDS4.5 |                 |

TOTAL BFT OF ALL TRUSSES= 4202.14 BFT. TOTAL WEIGHT OF ALL TRUSSES= 6732.31 LBS.



# Delivery Shiplist

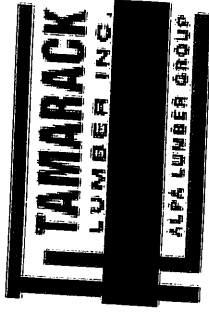
|           |          |
|-----------|----------|
| DATE      | 04/02/18 |
| SALES REP | Mario    |

|                                         |                               |                    |
|-----------------------------------------|-------------------------------|--------------------|
| JOB TRACK: 44755                        | LAYOUT ID: 287685             | LOCATION: BRADFORD |
| BUILDER: BAYVIEW WELLINGTON-GREEN VALLE | SUB-BUILDER:                  |                    |
| MODEL: S42-7C                           | ELEVATION: A STD. +OPT. COFF. |                    |

## HARDWARE

| QTY | ITEM TYPE | MODEL    | LENGTH<br>FT-IN-16 |
|-----|-----------|----------|--------------------|
| 5   | Hangers   | HGUS26-2 |                    |
| 19  | Hangers   | LJS26DS  |                    |
| 6   | Hangers   | LUS24    |                    |

TOTAL # ITEMS= 34.00



## Delivery Shiplist

|           |          |
|-----------|----------|
| DATE      | 04/03/18 |
| SALES REP | Mario    |

|                                         |                   |           |
|-----------------------------------------|-------------------|-----------|
| JOB TRACK: 44755                        | LAYOUT ID: 298552 | LOCATION: |
| BUILDER: BAYVIEW WELLINGTON-GREEN VALLE | SUB-BUILDER:      |           |
| MODEL: S42-7C                           | ELEVATION: B STD  |           |

### ROOF TRUSSES

| ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.) |       |             |       |          |          |         |            |             |        |          |          |  |
|------------------------------------------|-------|-------------|-------|----------|----------|---------|------------|-------------|--------|----------|----------|--|
| PROFILE                                  | QTY   | MARK        | PITCH | SPAN     | TRUSS    | LUMBER  | OVERHANG   | HEEL HEIGHT | LBS.   | BUNDLE # | LOAD BY: |  |
|                                          | PLY   | TYPE        | TC BC |          | HEIGHT   | TOP BOT | LEFT RIGHT | LEFT RIGHT  | BFT.   | STACK #  | REMARKS  |  |
|                                          | 1     | T21         | 10.00 | 30-06-00 | 05-03-13 | 2 X 6   | 2 X 6      | 01-03-08    | 371.68 |          |          |  |
|                                          | 2 Ply | HIP GIRDER  | 0.00  |          |          |         |            | 01-07-10    | 223.34 |          |          |  |
|                                          | 1     | T22         | 10.00 | 30-06-00 | 06-07-13 | 2 X 4   | 2 X 4      | 01-03-08    | 135.97 |          |          |  |
|                                          |       | HIP         | 0.00  |          |          |         |            | 01-07-10    | 86.83  |          |          |  |
|                                          | 1     | T23         | 10.00 | 30-06-00 | 07-08-13 | 2 X 6   | 2 X 6      | 01-03-08    | 736.86 |          |          |  |
|                                          | 3 Ply | HIP GIRDER  | 0.00  |          |          |         |            | 01-07-10    | 440.01 |          |          |  |
|                                          | 1     | T24S        | 10.00 | 31-08-00 | 07-03-04 | 2 X 6   | 2 X 6      | 01-03-08    | 427.38 |          |          |  |
|                                          | 2 Ply | ROOF        | 0.00  |          |          |         |            | 01-08-01    | 266.00 |          |          |  |
|                                          | 1     | T25         | 10.00 | 29-05-00 | 06-07-13 | 2 X 4   | 2 X 4      | 01-03-08    | 132.90 |          |          |  |
|                                          |       | HIP         | 0.00  |          |          |         |            | 01-07-10    | 85.50  |          |          |  |
|                                          | 1     | T26         | 10.00 | 29-05-00 | 07-11-13 | 2 X 4   | 2 X 4      | 01-03-08    | 138.50 |          |          |  |
|                                          |       | HIP         | 0.00  |          |          |         |            | 01-07-10    | 87.33  |          |          |  |
|                                          | 1     | T27         | 10.00 | 29-05-00 | 09-03-13 | 2 X 4   | 2 X 4      | 01-03-08    | 151.31 |          |          |  |
|                                          |       | HIP         | 0.00  |          |          |         |            | 01-07-10    | 93.83  |          |          |  |
|                                          | 1     | T28         | 10.00 | 29-05-00 | 10-07-13 | 2 X 4   | 2 X 4      | 01-03-08    | 159.28 |          |          |  |
|                                          |       | HIP         | 0.00  |          |          |         |            | 01-07-10    | 100.00 |          |          |  |
|                                          | 1     | T29         | 10.00 | 29-05-00 | 10-04-13 | 2 X 6   | 2 X 6      | 01-03-08    | 729.42 |          |          |  |
|                                          | 3 Ply | PIGGYBACK   | 0.00  |          |          |         |            | 01-07-10    | 438.99 |          |          |  |
|                                          | 1     | T30A        | 10.00 | 24-05-00 | 08-02-06 | 2 X 6   | 2 X 6      | 00-00-00    | 510.57 |          |          |  |
|                                          |       | HIP GIRDER  | 0.00  |          |          |         |            | 01-11-06    | 324.00 |          |          |  |
|                                          | 1     | T31A        | 10.00 | 24-05-00 | 06-06-06 | 2 X 6   | 2 X 6      | 00-00-00    | 332.06 |          |          |  |
|                                          | 2 Ply | HIP GIRDER  | 0.00  |          |          |         |            | 01-11-06    | 205.34 |          |          |  |
|                                          | 1     | T32A        | 10.00 | 15-03-00 | 06-06-06 | 2 X 6   | 2 X 6      | 00-00-00    | 92.05  |          |          |  |
|                                          |       | HIP GIRDER  | 0.00  |          |          |         |            | 01-11-06    | 57.67  |          |          |  |
|                                          | 1     | T33         | 10.00 | 18-00-00 | 05-03-13 | 2 X 4   | 2 X 6      | 01-03-08    | 90.86  |          |          |  |
|                                          |       | HIP GIRDER  | 0.00  |          |          |         |            | 01-07-10    | 58.50  |          |          |  |
|                                          | 1     | T34         | 10.00 | 24-00-00 | 09-00-13 | 2 X 4   | 2 X 4      | 01-03-08    | 132.94 |          |          |  |
|                                          |       | HIP         | 0.00  |          |          |         |            | 07-00-10    | 83.50  |          |          |  |
|                                          | 5     | T35         | 10.00 | 24-00-00 | 10-04-13 | 2 X 4   | 2 X 4      | 01-03-08    | 703.25 |          |          |  |
|                                          |       | PIGGYBACK   | 0.00  |          |          |         |            | 07-00-10    | 438.35 |          |          |  |
|                                          | 6     | T37         | 10.00 | 24-00-00 | 10-04-13 | 2 X 4   | 2 X 4      | 01-03-08    | 788.88 |          |          |  |
|                                          |       | PIGGYBACK   | 0.00  |          |          |         |            | 06-01-13    | 492.00 |          |          |  |
|                                          | 1     | T100        | 14.00 | 15-00-00 | 10-10-05 | 2 X 6   | 2 X 6      | 01-03-08    | 245.80 |          |          |  |
|                                          | 2 Ply | COMMON      | 0.00  |          |          |         |            | 02-01-05    | 154.68 |          |          |  |
|                                          | 1     | T101        | 0.00  | 05-10-08 | 02-00-00 | 2 X 6   | 2 X 6      | 00-00-00    | 57.80  |          |          |  |
|                                          | 2 Ply | FLAT GIRDER | 0.00  |          |          |         |            | 02-00-00    | 37.34  |          |          |  |



## Delivery Shiplist

|           |          |
|-----------|----------|
| DATE      | 04/03/18 |
| SALES REP | Mario    |

JOB TRACK: 44755 LAYOUT ID: 296552 LOCATION:  
BUILDER: BAYVIEW WELLINGTON-GREEN VALLE SUB-BUILDER:  
MODEL: S42-7C ELEVATION: B STD

### ROOF TRUSSES

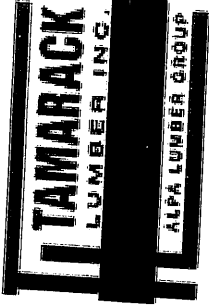
| PROFILE | QTY | PLY   | MARK TYPE      | PITCH TC BC | SPAN     | TRUSS HEIGHT | LUMBER |       | OVERHANG LEFT RIGHT | HEEL HEIGHT LEFT RIGHT |          | LBS. BFT. | BUNDLE # STACK # | LOAD BY: REMARKS |
|---------|-----|-------|----------------|-------------|----------|--------------|--------|-------|---------------------|------------------------|----------|-----------|------------------|------------------|
|         |     |       |                |             |          |              | TOP    | BOT   |                     |                        |          |           |                  |                  |
|         | 1   |       | PB20 PIGGYBACK | 10.00 0.00  | 08-02-07 | 01-02-08     | 2 X 4  | 2 X 4 | 00-00-00            | 00-04-13               | 00-04-13 | 22.78     |                  |                  |
|         | 3   |       | PB21 PIGGYBACK | 10.00 0.00  | 08-02-07 | 02-06-08     | 2 X 4  | 2 X 4 | 00-00-00            | 00-04-13               | 00-04-13 | 84.69     |                  |                  |
|         | 5   |       | PB22 PIGGYBACK | 10.00 0.00  | 07-01-07 | 03-04-07     | 2 X 4  | 2 X 4 | 00-00-00            | 00-04-13               | 00-04-13 | 113.80    |                  |                  |
|         | 1   |       | PB23 PIGGYBACK | 10.00 0.00  | 07-01-07 | 02-05-03     | 2 X 4  | 2 X 4 | 00-00-00            | 00-04-13               | 00-04-13 | 74.15     |                  |                  |
|         | 1   | 3 Ply | PB24 PIGGYBACK | 10.00 0.00  | 07-01-07 | 01-01-03     | 2 X 4  | 2 X 4 | 00-00-00            | 00-04-13               | 00-04-13 | 58.59     |                  |                  |
|         | 23  |       | J1 JACK-OPEN   | 8.00 0.00   | 05-10-08 | 05-03-13     | 2 X 4  | 2 X 4 | 01-03-08            | 01-04-13               | 01-04-13 | 410.09    |                  |                  |
|         | 3   |       | J9 JACK-OPEN   | 10.00 0.00  | 05-10-08 | 06-06-06     | 2 X 4  | 2 X 4 | 01-03-08            | 01-07-10               | 01-07-10 | 56.97     |                  |                  |
|         | 2   |       | C13 JACK-OPEN  | 10.00 0.00  | 01-10-08 | 03-01-08     | 2 X 4  | 2 X 4 | 01-03-08            | 01-07-10               | 01-07-10 | 16.72     |                  |                  |
|         | 1   |       | C13S JACK-OPEN | 10.00 0.00  | 01-06-00 | 03-01-08     | 2 X 4  | 2 X 4 | -00-01-01           | 00-03-08               | 00-03-08 | 12.00     |                  |                  |
|         | 3   |       | C14 JACK-OPEN  | 10.00 0.00  | 01-06-00 | 04-09-08     | 2 X 4  | 2 X 4 | 00-00-00            | 01-11-06               | 01-11-06 | 24.69     |                  |                  |
|         | 3   |       | C15 JACK-OPEN  | 10.00 0.00  | 05-10-08 | 03-01-08     | 2 X 4  | 2 X 4 | 01-03-08            | 01-07-10               | 01-07-10 | 38.76     |                  |                  |
|         | 3   |       | C16 JACK-OPEN  | 10.00 0.00  | 05-10-08 | 04-09-08     | 2 X 4  | 2 X 4 | -04-01-01           | 00-03-08               | 00-03-08 | 26.01     |                  |                  |
|         | 9   |       | J3 JACK        | 8.00 0.00   | 03-02-00 | 02-05-13     | 2 X 4  | 2 X 4 | 01-03-08            | 01-07-10               | 01-07-10 | 47.67     |                  |                  |
|         | 12  |       | J4 JACK        | 12.00 0.00  | 02-04-00 | 03-02-02     | 2 X 4  | 2 X 4 | -02-01-01           | 00-03-08               | 00-03-08 | 30.00     |                  |                  |

TOTAL # TRUSS= 110.00

### HARDWARE

| QTY | ITEM TYPE    | MODEL         | LENGTH FT-IN-16 |
|-----|--------------|---------------|-----------------|
| 2   | Crush Plates | CP3-6         |                 |
| 2   | Hangers      | THGQH3-SDS4.5 |                 |
| 1   | Hangers      | HUSC26-2      |                 |
| 6   | Hangers      | HGUS26-2      |                 |

TOTAL BFT OF ALL TRUSSES= 4393.80 BFT. TOTAL WEIGHT OF ALL TRUSSES= 7048.92 LBS.



## Delivery Shiplist

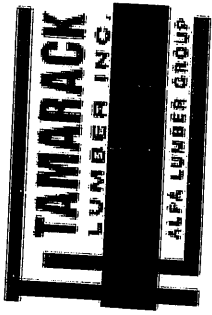
|           |          |
|-----------|----------|
| DATE      | 04/03/18 |
| SALES REP | Mario    |

|                                         |                   |           |
|-----------------------------------------|-------------------|-----------|
| JOB TRACK: 44755                        | LAYOUT ID: 296552 | LOCATION: |
| BUILDER: BAYVIEW WELLINGTON-GREEN VALLE | SUB-BUILDER:      |           |
| MODEL: S42-7C                           | ELEVATION: B STD  |           |

### HARDWARE

| QTY | ITEM TYPE | MODEL   | LENGTH<br>FT-IN-16 |
|-----|-----------|---------|--------------------|
| 15  | Hangers   | LJS26DS |                    |
| 4   | Hangers   | LUS24   |                    |

TOTAL # ITEMS= 30.00



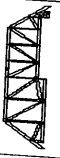
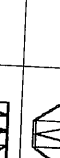
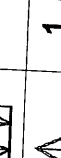
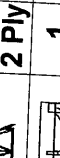
## Delivery Shiplist

|           |          |
|-----------|----------|
| DATE      | 04/03/18 |
| SALES REP | Mario    |

Page 1 of 3

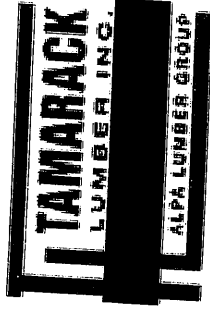
|                                         |                              |                    |
|-----------------------------------------|------------------------------|--------------------|
| JOB TRACK: 44755                        | LAYOUT ID: 287686            | LOCATION: BRADFORD |
| BUILDER: BAYVIEW WELLINGTON-GREEN VALLE | SUB-BUILDER:                 |                    |
| MODEL: S42-7C                           | ELEVATION: B STD.+OPT. COFF. |                    |

### ROOF TRUSSES

| ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)                                              |     |       |                     |                   |          |                 |        |       |                      |                      |                      |                      |                  |                     |                     |
|---------------------------------------------------------------------------------------|-----|-------|---------------------|-------------------|----------|-----------------|--------|-------|----------------------|----------------------|----------------------|----------------------|------------------|---------------------|---------------------|
| PROFILE                                                                               | QTY | PLY   | MARK<br>TYPE        | PITCH<br>TC<br>BC | SPAN     | TRUSS<br>HEIGHT | LUMBER |       | OVERHANG             |                      | HEEL HEIGHT          |                      | LBS.<br>BFT.     | BUNDLE #<br>STACK # | LOAD BY:<br>REMARKS |
|                                                                                       |     |       |                     |                   |          |                 | TOP    | BOT   | LEFT                 | RIGHT                | LEFT                 | RIGHT                |                  |                     |                     |
|    | 1   | 2 Ply | T21S<br>HIP GIRDER  | 10.00<br>0.00     | 30-06-00 | 05-03-13        | 2 X 6  | 2 X 6 | 01-03-08<br>01-03-08 | 01-03-08<br>01-03-08 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 406.54<br>248.34 |                     |                     |
|    | 1   |       | T22S<br>HIP         | 10.00<br>0.00     | 30-06-00 | 06-07-13        | 2 X 4  | 2 X 4 | 01-03-08<br>01-03-08 | 01-03-08<br>01-03-08 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 149.30<br>97.33  |                     |                     |
|    | 1   | 3 Ply | T23<br>HIP GIRDER   | 10.00<br>0.00     | 30-06-00 | 07-08-13        | 2 X 6  | 2 X 6 | 01-03-08<br>01-03-08 | 01-03-08<br>01-03-08 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 736.86<br>440.01 |                     |                     |
|    | 1   | 2 Ply | T24S<br>ROOF        | 10.00<br>0.00     | 31-08-00 | 07-03-04        | 2 X 6  | 2 X 6 | 01-03-08<br>00-00-00 | 01-03-08<br>01-08-01 | 01-07-10<br>01-08-01 | 01-07-10<br>01-08-01 | 427.38<br>266.00 |                     |                     |
|    | 1   |       | T25<br>HIP          | 10.00<br>0.00     | 29-05-00 | 06-07-13        | 2 X 4  | 2 X 4 | 01-03-08<br>01-03-08 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 132.90<br>85.50  |                     |                     |
|    | 1   |       | T26<br>HIP          | 10.00<br>0.00     | 29-05-00 | 07-11-13        | 2 X 4  | 2 X 4 | 01-03-08<br>01-03-08 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 138.50<br>87.33  |                     |                     |
|    | 1   |       | T27<br>HIP          | 10.00<br>0.00     | 29-05-00 | 09-03-13        | 2 X 4  | 2 X 4 | 01-03-08<br>01-03-08 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 151.31<br>93.83  |                     |                     |
|   | 1   |       | T28<br>HIP          | 10.00<br>0.00     | 29-05-00 | 10-07-13        | 2 X 4  | 2 X 4 | 01-03-08<br>01-03-08 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 159.28<br>100.00 |                     |                     |
|  | 1   | 3 Ply | T29<br>PIGGYBACK    | 10.00<br>0.00     | 29-05-00 | 10-04-13        | 2 X 6  | 2 X 6 | 01-03-08<br>01-03-08 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 729.42<br>438.99 |                     |                     |
|  | 1   | 3 Ply | T30A<br>HIP GIRDER  | 10.00<br>0.00     | 24-05-00 | 08-02-06        | 2 X 6  | 2 X 6 | 00-00-00<br>00-00-00 | 01-11-06<br>01-11-06 | 01-11-06<br>01-11-06 | 01-11-06<br>01-11-06 | 510.57<br>324.00 |                     |                     |
|  | 1   | 2 Ply | T31A<br>HIP GIRDER  | 10.00<br>0.00     | 24-05-00 | 06-06-06        | 2 X 6  | 2 X 6 | 00-00-00<br>00-00-00 | 01-11-06<br>01-11-06 | 01-11-06<br>01-11-06 | 01-11-06<br>01-11-06 | 332.06<br>205.34 |                     |                     |
|  | 1   |       | T32A<br>HIP GIRDER  | 10.00<br>0.00     | 15-03-00 | 06-06-06        | 2 X 6  | 2 X 6 | 00-00-00<br>00-00-00 | 01-11-06<br>01-11-06 | 01-11-06<br>01-11-06 | 01-11-06<br>01-11-06 | 92.05<br>57.67   |                     |                     |
|  | 1   |       | T33S<br>HIP GIRDER  | 10.00<br>0.00     | 18-00-00 | 05-03-13        | 2 X 4  | 2 X 4 | 01-03-08<br>01-03-08 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 85.78<br>58.00   |                     |                     |
|  | 1   |       | T34<br>HIP          | 10.00<br>0.00     | 24-00-00 | 09-00-13        | 2 X 4  | 2 X 4 | 01-03-08<br>01-03-08 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 01-07-10<br>01-07-10 | 132.94<br>83.50  |                     |                     |
|  | 5   |       | T35<br>PIGGYBACK    | 10.00<br>0.00     | 24-00-00 | 10-04-13        | 2 X 4  | 2 X 4 | 01-03-08<br>00-00-00 | 01-07-10<br>07-00-10 | 01-07-10<br>07-00-10 | 01-07-10<br>07-00-10 | 703.25<br>438.35 |                     |                     |
|  | 6   |       | T37<br>PIGGYBACK    | 10.00<br>0.00     | 24-00-00 | 10-04-13        | 2 X 4  | 2 X 4 | 01-03-08<br>00-00-00 | 01-07-10<br>06-01-13 | 01-07-10<br>06-01-13 | 01-07-10<br>06-01-13 | 788.88<br>492.00 |                     |                     |
|  | 1   | 2 Ply | T100<br>COMMON      | 14.00<br>0.00     | 15-00-00 | 10-10-05        | 2 X 6  | 2 X 6 | 01-03-08<br>01-03-08 | 02-01-05<br>02-01-05 | 02-01-05<br>02-01-05 | 02-01-05<br>02-01-05 | 245.80<br>154.66 |                     |                     |
|  | 1   | 2 Ply | T101<br>FLAT GIRDER | 0.00<br>0.00      | 05-10-08 | 02-00-00        | 2 X 6  | 2 X 6 | 00-00-00<br>00-00-00 | 02-00-00<br>02-00-00 | 02-00-00<br>02-00-00 | 02-00-00<br>02-00-00 | 57.80<br>37.34   |                     |                     |

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|           |          |
|-----------|----------|
| DATE      | 04/03/18 |
| SALES REP | Mario    |

|                                         |                              |                    |
|-----------------------------------------|------------------------------|--------------------|
| JOB TRACK:44755                         | LAYOUT ID: 287686            | LOCATION: BRADFORD |
| BUILDER: BAYVIEW WELLINGTON-GREEN VALLE | SUB-BUILDER:                 |                    |
| MODEL: S42-7C                           | ELEVATION: B STD.+OPT. COFF. |                    |

### ROOF TRUSSES

| PROFILE | QTY<br>PLY | MARK<br>TYPE      | PITCH<br>TC<br>BC | SPAN     | TRUSS<br>HEIGHT | LUMBER |       | OVERHANG<br>LEFT<br>RIGHT | HEEL HEIGHT<br>LEFT<br>RIGHT |          | LBS.<br>BFT.     | BUNDLE #<br>STACK # | LOAD BY:<br>REMARKS |
|---------|------------|-------------------|-------------------|----------|-----------------|--------|-------|---------------------------|------------------------------|----------|------------------|---------------------|---------------------|
|         |            |                   |                   |          |                 | TOP    | BOT   |                           |                              |          |                  |                     |                     |
|         | 1          | PB20<br>PIGGYBACK | 10.00<br>0.00     | 08-02-07 | 01-02-08        | 2 X 4  | 2 X 4 | 00-00-00                  | 00-04-13                     | 00-04-13 | 22.78<br>16.17   |                     |                     |
|         | 3          | PB21<br>PIGGYBACK | 10.00<br>0.00     | 08-02-07 | 02-06-08        | 2 X 4  | 2 X 4 | 00-00-00                  | 00-04-13                     | 00-04-13 | 84.69<br>57.99   |                     |                     |
|         | 5          | PB22<br>PIGGYBACK | 10.00<br>0.00     | 07-01-07 | 03-04-07        | 2 X 4  | 2 X 4 | 00-00-00                  | 00-04-13                     | 00-04-13 | 113.80<br>74.15  |                     |                     |
|         | 1          | PB23<br>PIGGYBACK | 10.00<br>0.00     | 07-01-07 | 02-05-03        | 2 X 4  | 2 X 4 | 00-00-00                  | 00-04-13                     | 00-04-13 | 24.92<br>16.17   |                     |                     |
|         | 1<br>3 Ply | PB24<br>PIGGYBACK | 10.00<br>0.00     | 07-01-07 | 01-01-03        | 2 X 4  | 2 X 4 | 00-00-00                  | 00-04-13                     | 00-04-13 | 58.59<br>39.00   |                     |                     |
|         | 16         | J1<br>JACK-OPEN   | 8.00<br>0.00      | 05-10-08 | 05-03-13        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-04-13                     | 01-04-13 | 285.28<br>170.72 |                     |                     |
|         | 7          | J1S<br>JACK-OPEN  | 8.00<br>0.00      | 05-10-08 | 05-03-13        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-04-13                     | 01-04-13 | 164.57<br>112.00 |                     |                     |
|         | 3          | J9<br>JACK-OPEN   | 10.00<br>0.00     | 05-10-08 | 06-06-06        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-07-10                     | 06-06-06 | 56.97<br>36.00   |                     |                     |
|         | 2          | C13<br>JACK-OPEN  | 10.00<br>0.00     | 01-10-08 | 03-01-08        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-07-10                     | 00-03-08 | 16.72<br>12.00   |                     |                     |
|         | 1          | C13S<br>JACK-OPEN | 10.00<br>0.00     | 01-06-00 | 03-01-08        | 2 X 4  | 2 X 4 | 00-00-00                  | 01-11-06                     | 00-03-08 | 5.81<br>4.67     |                     |                     |
|         | 3          | C14<br>JACK-OPEN  | 10.00<br>0.00     | 01-06-00 | 04-09-08        | 2 X 4  | 2 X 4 | 00-00-00                  | 01-11-06                     | 00-05-13 | 24.69<br>17.01   |                     |                     |
|         | 3          | C15<br>JACK-OPEN  | 10.00<br>0.00     | 05-10-08 | 03-01-08        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-07-10                     | 00-03-08 | 38.76<br>26.01   |                     |                     |
|         | 3          | C16<br>JACK-OPEN  | 10.00<br>0.00     | 05-10-08 | 04-09-08        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-07-10                     | 00-03-08 | 47.67<br>30.00   |                     |                     |
|         | 9          | J3<br>JACK        | 8.00<br>0.00      | 03-02-00 | 02-05-13        | 2 X 4  | 2 X 4 | 01-03-08                  | 00-04-07                     | 02-05-13 | 93.96<br>65.97   |                     |                     |
|         | 12         | J4<br>JACK        | 12.00<br>0.00     | 02-04-00 | 03-02-02        | 2 X 4  | 2 X 4 | 01-03-08                  | 00-10-02                     | 03-02-02 | 111.96<br>80.04  |                     |                     |

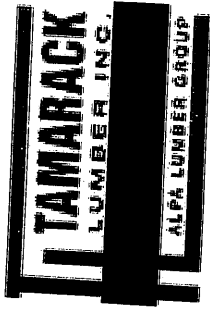
TOTAL # TRUSS= 110.00

### HARDWARE

| QTY | ITEM TYPE    | MODEL         | LENGTH<br>FT-IN-16 |
|-----|--------------|---------------|--------------------|
| 2   | Crush Plates | CP3-6         |                    |
| 2   | Hangers      | THGQH3-SDS4.5 |                    |

TOTAL BFT OF ALL TRUSSES= 4466.11 BFT. TOTAL WEIGHT OF ALL TRUSSES= 7131.79 LBS.

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|           |          |
|-----------|----------|
| DATE      | 04/03/18 |
| SALES REP | Mario    |

Page 3 of 3

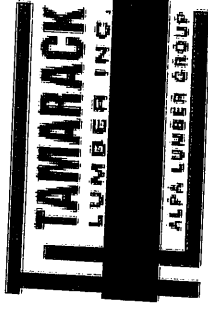
|                                         |                              |                    |
|-----------------------------------------|------------------------------|--------------------|
| JOB TRACK: 44755                        | LAYOUT ID: 287686            | LOCATION: BRADFORD |
| BUILDER: BAYVIEW WELLINGTON-GREEN VALLE | SUB-BUILDER:                 |                    |
| MODEL: S42-7C                           | ELEVATION: B STD.+OPT. COFF. |                    |

### HARDWARE

| QTY | ITEM TYPE | MODEL    | LENGTH<br>FT-IN-16 |
|-----|-----------|----------|--------------------|
| 1   | Hangers   | HUSC26-2 |                    |
| 6   | Hangers   | HGUS26-2 |                    |
| 15  | Hangers   | LJS26DS  |                    |
| 4   | Hangers   | LUS24    |                    |

TOTAL # ITEMS= 30.00

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|           |          |
|-----------|----------|
| DATE      | 04/03/18 |
| SALES REP | Mario    |

JOB TRACK: 44755 LAYOUT ID: 298553 LOCATION:  
BUILDER: BAYVIEW WELLINGTON-GREEN VALLE SUB-BUILDER:  
MODEL: S42-7C ELEVATION: C STD.

### ROOF TRUSSES

| ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.) |            |                   |              |          |          |                |                      |                      |                  |          |          |
|------------------------------------------|------------|-------------------|--------------|----------|----------|----------------|----------------------|----------------------|------------------|----------|----------|
| PROFILE                                  | QTY        | MARK              | PITCH        | SPAN     | TRUSS    | LUMBER         | OVERHANG             | HEEL HEIGHT          | LBS.             | BUNDLE # | LOAD BY: |
|                                          | PLY        | TYPE              | TC<br>BC     |          | HEIGHT   | TOP<br>BOT     | LEFT<br>RIGHT        | LEFT<br>RIGHT        | BFT.             | STACK #  | REMARKS  |
|                                          | 1<br>2 Ply | T41<br>HIP GIRDER | 6.00<br>0.00 | 30-06-00 | 04-01-04 | 2 X 4<br>2 X 6 | 01-03-08<br>01-03-08 | 01-02-00<br>01-02-00 | 328.32<br>206.68 |          |          |
|                                          | 1          | T42<br>HIP        | 6.00<br>0.00 | 30-06-00 | 05-01-04 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-02-00<br>01-02-00 | 122.41<br>77.17  |          |          |
|                                          | 1<br>3 Ply | T43<br>HIP GIRDER | 6.00<br>0.00 | 30-06-00 | 05-08-12 | 2 X 8<br>2 X 8 | 01-03-08<br>01-03-08 | 01-02-00<br>01-02-00 | 703.53<br>426.00 |          |          |
|                                          | 1<br>2 Ply | T54<br>HIP GIRDER | 6.00<br>0.00 | 29-05-00 | 05-01-04 | 2 X 4<br>2 X 6 | 01-03-08<br>01-03-08 | 01-02-00<br>01-02-00 | 325.42<br>202.66 |          |          |
|                                          | 1          | T55<br>HIP        | 6.00<br>0.00 | 29-05-00 | 06-01-04 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-02-00<br>01-02-00 | 122.03<br>77.34  |          |          |
|                                          | 1          | T56<br>HIP        | 6.00<br>0.00 | 29-05-00 | 07-01-04 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-02-00<br>01-02-00 | 119.12<br>73.83  |          |          |
|                                          | 1<br>3 Ply | T57<br>HIP GIRDER | 6.00<br>0.00 | 29-05-00 | 08-01-12 | 2 X 8<br>2 X 8 | 01-03-08<br>01-03-08 | 01-02-00<br>01-02-00 | 723.18<br>437.01 |          |          |
|                                          | 1          | T46<br>HIP        | 6.00<br>0.00 | 24-00-00 | 06-08-12 | 2 X 4<br>2 X 4 | 01-03-08<br>00-00-00 | 01-02-00<br>04-05-00 | 103.08<br>66.50  |          |          |
|                                          | 1          | T47<br>HIP        | 6.00<br>0.00 | 24-00-00 | 07-08-12 | 2 X 4<br>2 X 4 | 01-03-08<br>00-00-00 | 01-02-00<br>04-05-00 | 107.64<br>69.00  |          |          |
|                                          | 3          | T48<br>COMMON     | 6.00<br>0.00 | 24-00-00 | 08-09-08 | 2 X 4<br>2 X 4 | 01-03-08<br>00-00-00 | 01-02-00<br>04-05-00 | 307.92<br>192.99 |          |          |
|                                          | 7          | T49<br>COMMON     | 6.00<br>0.00 | 24-00-00 | 08-06-04 | 2 X 4<br>2 X 4 | 01-03-08<br>00-00-00 | 01-02-00<br>03-10-08 | 691.04<br>441.00 |          |          |
|                                          | 1<br>3 Ply | T50<br>HIP GIRDER | 6.00<br>0.00 | 25-02-00 | 06-07-13 | 2 X 4<br>2 X 6 | 00-00-00<br>00-00-00 | 01-02-00<br>01-02-00 | 418.50<br>270.00 |          |          |
|                                          | 1<br>2 Ply | T51<br>HIP GIRDER | 6.00<br>0.00 | 25-02-00 | 05-03-13 | 2 X 4<br>2 X 6 | 00-00-00<br>00-00-00 | 01-02-00<br>01-02-00 | 265.54<br>162.66 |          |          |
|                                          | 1          | T52<br>HIP GIRDER | 6.00<br>0.00 | 16-00-00 | 04-07-13 | 2 X 4<br>2 X 4 | 00-00-00<br>00-00-00 | 01-02-00<br>01-02-00 | 66.99<br>45.33   |          |          |
|                                          | 1          | T53<br>COMMON     | 6.00<br>0.00 | 16-00-00 | 05-02-00 | 2 X 4<br>2 X 4 | 00-00-00<br>00-00-00 | 01-02-00<br>01-02-00 | 59.31<br>38.50   |          |          |
|                                          | 1          | T44<br>HIP GIRDER | 6.00<br>0.00 | 18-00-00 | 03-11-13 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-02-00<br>01-02-00 | 74.42<br>48.33   |          |          |
|                                          | 1          | T45<br>HIP        | 6.00<br>0.00 | 18-00-00 | 05-03-13 | 2 X 4<br>2 X 4 | 01-03-08<br>01-03-08 | 01-02-00<br>01-02-00 | 75.88<br>47.50   |          |          |
|                                          | 1          | T58<br>HALF HIP   | 6.00<br>0.00 | 16-08-00 | 04-01-04 | 2 X 4<br>2 X 6 | 01-03-08<br>00-00-00 | 01-02-00<br>04-01-04 | 89.91<br>56.33   |          |          |



## Delivery Shiplist

|           |          |
|-----------|----------|
| DATE      | 04/03/18 |
| SALES REP | Mario    |

JOB TRACK: 44755      LAYOUT ID: 296553      LOCATION: BAYVIEW WELLINGTON-GREEN VALLE      SUB-BUILDER: MODEL: S42-7C      ELEVATION: C STD.

### ROOF TRUSSES

| ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.) |            |                   |              |          |              |                |                       |                        |                  |                  |                  |
|------------------------------------------|------------|-------------------|--------------|----------|--------------|----------------|-----------------------|------------------------|------------------|------------------|------------------|
| PROFILE                                  | QTY        | MARK TYPE         | PITCH TC BC  | SPAN     | TRUSS HEIGHT | LUMBER TOP BOT | OVERHANG LEFT RIGHT   | HEEL HEIGHT LEFT RIGHT | LBS. BFT.        | BUNDLE # STACK # | LOAD BY: REMARKS |
|                                          | 1          | T59<br>HIP GIRDER | 6.00<br>0.00 | 12-06-00 | 03-11-13     | 2 X 4 2 X 4    | 01-03-08<br>01-03-08  | 01-02-00<br>01-02-00   | 57.23<br>38.00   |                  |                  |
|                                          | 1          | T60<br>COMMON     | 6.00<br>0.00 | 12-06-00 | 04-03-08     | 2 X 4 2 X 4    | 01-03-08<br>01-03-08  | 01-02-00<br>01-02-00   | 50.25<br>32.00   |                  |                  |
|                                          | 2          | T61<br>HIP GIRDER | 8.00<br>0.00 | 14-00-00 | 05-07-13     | 2 X 4 2 X 4    | 02-03-08<br>02-03-08  | 03-00-13<br>03-00-13   | 142.84<br>91.34  |                  |                  |
|                                          | 2          | T62<br>HIP        | 8.00<br>0.00 | 14-00-00 | 06-11-13     | 2 X 4 2 X 4    | 02-03-08<br>02-03-08  | 03-00-13<br>03-00-13   | 160.32<br>105.00 |                  |                  |
|                                          | 1<br>2 Ply | T102<br>MONOPITCH | 6.00<br>0.00 | 07-10-08 | 05-01-04     | 2 X 4 2 X 6    | 00-00-00<br>00-00-00  | 01-02-00<br>05-01-04   | 77.12<br>48.66   |                  |                  |
|                                          | 6          | J41<br>JACK-OPEN  | 6.00<br>0.00 | 05-10-08 | 04-01-04     | 2 X 4 2 X 4    | 01-03-08<br>00-00-00  | 01-02-00<br>04-01-04   | 100.74<br>64.02  |                  |                  |
|                                          | 1          | J42<br>JACK-OPEN  | 6.00<br>0.00 | 01-10-08 | 02-00-12     | 2 X 4 2 X 4    | 01-03-08<br>-00-01-01 | 01-02-00<br>00-03-08   | 7.02<br>4.67     |                  |                  |
|                                          | 1          | J43<br>JACK-OPEN  | 6.00<br>0.00 | 01-10-08 | 03-00-12     | 2 X 4 2 X 4    | 01-03-08<br>01-10-15  | 01-02-00<br>00-04-11   | 9.57<br>6.00     |                  |                  |
|                                          | 1          | J44<br>JACK-OPEN  | 6.00<br>0.00 | 05-10-08 | 02-00-12     | 2 X 4 2 X 4    | 01-03-08<br>-04-01-01 | 01-02-00<br>00-03-08   | 11.58<br>7.33    |                  |                  |
|                                          | 1          | J45<br>JACK-OPEN  | 6.00<br>0.00 | 05-10-08 | 03-00-12     | 2 X 4 2 X 4    | 01-03-08<br>-02-01-01 | 01-02-00<br>00-03-08   | 14.13<br>8.67    |                  |                  |
|                                          | 15         | J46<br>JACK-OPEN  | 8.00<br>0.00 | 03-10-08 | 03-11-13     | 2 X 4 2 X 4    | 01-03-08<br>00-00-00  | 01-04-13<br>03-11-13   | 192.15<br>120.00 |                  |                  |
|                                          | 7          | J47<br>JACK-OPEN  | 8.00<br>0.00 | 03-10-08 | 04-07-13     | 2 X 4 2 X 4    | 02-03-08<br>00-00-00  | 02-00-13<br>00-05-03   | 104.58<br>65.31  |                  |                  |
|                                          | 5          | J48<br>JACK-OPEN  | 8.00<br>0.00 | 05-10-08 | 05-03-13     | 2 X 4 2 X 4    | 01-03-08<br>00-00-00  | 01-04-13<br>05-03-13   | 89.15<br>53.35   |                  |                  |
|                                          | 6          | J49<br>JACK-OPEN  | 8.00<br>0.00 | 03-10-08 | 05-07-13     | 2 X 4 2 X 4    | 02-03-08<br>00-00-00  | 03-00-13<br>05-07-13   | 96.48<br>60.00   |                  |                  |
|                                          | 4          | J49A<br>JACK-OPEN | 8.00<br>0.00 | 03-07-08 | 05-07-13     | 2 X 4 2 X 4    | 00-00-00<br>00-00-00  | 03-02-13<br>05-07-13   | 50.00<br>32.00   |                  |                  |
|                                          | 3          | J50<br>JACK-OPEN  | 8.00<br>0.00 | 01-10-08 | 04-03-02     | 2 X 4 2 X 4    | 02-03-08<br>-00-01-01 | 03-00-13<br>00-03-08   | 32.79<br>21.99   |                  |                  |
|                                          | 3          | J51<br>JACK-OPEN  | 8.00<br>0.00 | 03-10-08 | 04-03-02     | 2 X 4 2 X 4    | 02-03-08<br>-02-01-01 | 03-00-13<br>00-03-08   | 39.63<br>26.01   |                  |                  |
|                                          | 12         | J52<br>JACK       | 9.00<br>0.00 | 02-04-00 | 02-05-07     | 2 X 4 2 X 4    | 01-03-08<br>00-00-00  | 00-08-07<br>02-05-07   | 100.56<br>72.00  |                  |                  |

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|           |          |
|-----------|----------|
| DATE      | 04/03/18 |
| SALES REP | Mario    |

|                                         |                   |           |
|-----------------------------------------|-------------------|-----------|
| JOB TRACK:44755                         | LAYOUT ID: 296553 | LOCATION: |
| BUILDER: BAYVIEW WELLINGTON-GREEN VALLE | SUB-BUILDER:      |           |
| MODEL: S42-7C                           | ELEVATION: C STD. |           |

ROOF TRUSSES

| PROFILE                                                                             | QTY | PLY | MARK TYPE | PITCH TC BC | SPAN     | TRUSS HEIGHT | LUMBER |       | OVERHANG LEFT RIGHT | HEEL HEIGHT LEFT RIGHT |  | LBS. BFT.   | BUNDLE # STACK # | LOAD BY: REMARKS |
|-------------------------------------------------------------------------------------|-----|-----|-----------|-------------|----------|--------------|--------|-------|---------------------|------------------------|--|-------------|------------------|------------------|
|                                                                                     |     |     |           |             |          |              | TOP    | BOT   |                     |                        |  |             |                  |                  |
|  | 9   |     | J53 JACK  | 6.00 0.00   | 03-10-00 | 02-03-03     | 2 X 4  | 2 X 4 | 01-03-08 00-00-00   | 00-04-03 00-06-11      |  | 99.63 60.03 |                  |                  |

TOTAL # TRUSS= 117.00

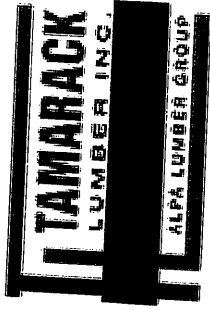
HARDWARE

| QTY | ITEM TYPE    | MODEL         | LENGTH FT-IN-16 |
|-----|--------------|---------------|-----------------|
| 2   | Crush Plates | CP3-6         |                 |
| 2   | Hangers      | THGQH3-SDS4.5 |                 |
| 5   | Hangers      | HGUS26-2      |                 |
| 14  | Hangers      | LUS24         |                 |
| 28  | Hangers      | LJS26DS       |                 |

TOTAL # ITEMS= 51.00

TOTAL BFT OF ALL TRUSSES=

3855.21 BFT. TOTAL WEIGHT OF ALL TRUSSES= 6140.01 LBS.



## Delivery Shiplist

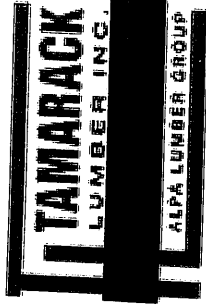
|           |          |
|-----------|----------|
| DATE      | 04/03/18 |
| SALES REP | Mario    |

|                                         |                               |                    |
|-----------------------------------------|-------------------------------|--------------------|
| JOB TRACK: 44755                        | LAYOUT ID: 287656             | LOCATION: BRADFORD |
| BUILDER: BAYVIEW WELLINGTON-GREEN VALLE | SUB-BUILDER:                  |                    |
| MODEL: S42-7C                           | ELEVATION: C STD. +OPT. COFF. |                    |

### ROOF TRUSSES

| ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.) |       |            |          |          |          |            |               |               |        |          |          |
|------------------------------------------|-------|------------|----------|----------|----------|------------|---------------|---------------|--------|----------|----------|
| PROFILE                                  | QTY   | MARK       | PITCH    | SPAN     | TRUSS    | LUMBER     | OVERHANG      | HEEL HEIGHT   | LBS.   | BUNDLE # | LOAD BY: |
|                                          | PLY   | TYPE       | TC<br>BC |          | HEIGHT   | TOP<br>BOT | LEFT<br>RIGHT | LEFT<br>RIGHT | BFT.   | STACK #  | REMARKS  |
|                                          | 1     | T41S       | 6.00     | 30-06-00 | 04-01-04 | 2 X 4      | 01-03-08      | 01-02-00      | 318.90 |          |          |
|                                          | 2 Ply | HIP GIRDER | 0.00     |          |          | 2 X 4      | 01-03-08      | 01-02-00      | 206.34 |          |          |
|                                          | 1     | T42S       | 6.00     | 30-06-00 | 05-01-04 | 2 X 4      | 01-03-08      | 01-02-00      | 129.51 |          |          |
|                                          |       | HIP        | 0.00     |          |          | 2 X 4      | 01-03-08      | 01-02-00      | 83.00  |          |          |
|                                          | 1     | T43        | 6.00     | 30-06-00 | 05-08-12 | 2 X 8      | 01-03-08      | 01-02-00      | 703.53 |          |          |
|                                          | 3 Ply | HIP GIRDER | 0.00     |          |          | 2 X 8      | 01-03-08      | 01-02-00      | 426.00 |          |          |
|                                          | 1     | T54        | 6.00     | 29-05-00 | 05-01-04 | 2 X 4      | 01-03-08      | 01-02-00      | 325.42 |          |          |
|                                          | 2 Ply | HIP GIRDER | 0.00     |          |          | 2 X 4      | 01-03-08      | 01-02-00      | 202.66 |          |          |
|                                          | 1     | T55        | 6.00     | 29-05-00 | 06-01-04 | 2 X 4      | 01-03-08      | 01-02-00      | 122.03 |          |          |
|                                          |       | HIP        | 0.00     |          |          | 2 X 4      | 01-03-08      | 01-02-00      | 77.34  |          |          |
|                                          | 1     | T56        | 6.00     | 29-05-00 | 07-01-04 | 2 X 4      | 01-03-08      | 01-02-00      | 119.12 |          |          |
|                                          |       | HIP        | 0.00     |          |          | 2 X 4      | 01-03-08      | 01-02-00      | 73.83  |          |          |
|                                          | 1     | T57        | 6.00     | 29-05-00 | 08-01-12 | 2 X 8      | 01-03-08      | 01-02-00      | 723.18 |          |          |
|                                          | 3 Ply | HIP GIRDER | 0.00     |          |          | 2 X 8      | 01-03-08      | 01-02-00      | 437.01 |          |          |
|                                          | 1     | T46        | 6.00     | 24-00-00 | 06-08-12 | 2 X 4      | 01-03-08      | 01-02-00      | 103.08 |          |          |
|                                          |       | HIP        | 0.00     |          |          | 2 X 4      | 00-00-00      | 04-05-00      | 66.50  |          |          |
|                                          | 1     | T47        | 6.00     | 24-00-00 | 07-08-12 | 2 X 4      | 01-03-08      | 01-02-00      | 107.64 |          |          |
|                                          |       | HIP        | 0.00     |          |          | 2 X 4      | 00-00-00      | 04-05-00      | 69.00  |          |          |
|                                          | 3     | T48        | 6.00     | 24-00-00 | 08-09-08 | 2 X 4      | 01-03-08      | 01-02-00      | 307.92 |          |          |
|                                          |       | COMMON     | 0.00     |          |          | 2 X 4      | 00-00-00      | 04-05-00      | 192.99 |          |          |
|                                          | 7     | T49        | 6.00     | 24-00-00 | 08-06-04 | 2 X 4      | 01-03-08      | 01-02-00      | 691.04 |          |          |
|                                          |       | COMMON     | 0.00     |          |          | 2 X 4      | 00-00-00      | 03-10-08      | 441.00 |          |          |
|                                          | 1     | T50        | 6.00     | 25-02-00 | 06-07-13 | 2 X 4      | 00-00-00      | 01-02-00      | 418.50 |          |          |
|                                          | 3 Ply | HIP GIRDER | 0.00     |          |          | 2 X 6      | 00-00-00      | 01-02-00      | 270.00 |          |          |
|                                          | 1     | T51        | 6.00     | 25-02-00 | 05-03-13 | 2 X 4      | 00-00-00      | 01-02-00      | 265.54 |          |          |
|                                          | 2 Ply | HIP GIRDER | 0.00     |          |          | 2 X 6      | 00-00-00      | 01-02-00      | 162.66 |          |          |
|                                          | 1     | T52        | 6.00     | 16-00-00 | 04-07-13 | 2 X 4      | 00-00-00      | 01-02-00      | 66.99  |          |          |
|                                          |       | HIP GIRDER | 0.00     |          |          | 2 X 4      | 00-00-00      | 01-02-00      | 45.33  |          |          |
|                                          | 1     | T53        | 6.00     | 16-00-00 | 05-02-00 | 2 X 4      | 00-00-00      | 01-02-00      | 59.31  |          |          |
|                                          |       | COMMON     | 0.00     |          |          | 2 X 4      | 00-00-00      | 01-02-00      | 38.50  |          |          |
|                                          | 1     | T44S       | 6.00     | 18-00-00 | 03-11-13 | 2 X 4      | 01-03-08      | 01-02-00      | 83.60  |          |          |
|                                          |       | HIP GIRDER | 0.00     |          |          | 2 X 4      | 01-03-08      | 01-02-00      | 56.17  |          |          |
|                                          | 1     | T45S       | 6.00     | 18-00-00 | 05-03-13 | 2 X 4      | 01-03-08      | 01-02-00      | 77.89  |          |          |
|                                          |       | HIP        | 0.00     |          |          | 2 X 4      | 01-03-08      | 01-02-00      | 50.67  |          |          |
|                                          | 1     | T58        | 6.00     | 16-08-00 | 04-01-04 | 2 X 4      | 01-03-08      | 01-02-00      | 89.91  |          |          |
|                                          |       | HALF HIP   | 0.00     |          |          | 2 X 6      | 00-00-00      | 04-01-04      | 56.33  |          |          |

Site Copy



## Delivery Shiplist

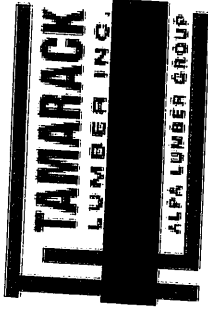
|           |          |
|-----------|----------|
| DATE      | 04/03/18 |
| SALES REP | Mario    |

|                                         |                               |                    |
|-----------------------------------------|-------------------------------|--------------------|
| JOB TRACK:44755                         | LAYOUT ID: 287656             | LOCATION: BRADFORD |
| BUILDER: BAYVIEW WELLINGTON-GREEN VALLE | SUB-BUILDER:                  |                    |
| MODEL: S42-7C                           | ELEVATION: C STD. +OPT. COFF. |                    |

### ROOF TRUSSES

ROOF TRUSS SPACING: 24.0 IN. O.C. (TYP.)

| PROFILE | QTY<br>PLY | MARK<br>TYPE      | PITCH<br>TC<br>BC | SPAN     | TRUSS<br>HEIGHT | LUMBER |       | OVERHANG<br>LEFT<br>RIGHT | HEEL HEIGHT<br>LEFT<br>RIGHT | LBS.<br>BFT. | BUNDLE #<br>STACK # | LOAD BY:<br>REMARKS |
|---------|------------|-------------------|-------------------|----------|-----------------|--------|-------|---------------------------|------------------------------|--------------|---------------------|---------------------|
|         |            |                   |                   |          |                 | TOP    | BOT   |                           |                              |              |                     |                     |
|         | 1          | T59<br>HIP GIRDER | 6.00<br>0.00      | 12-06-00 | 03-11-13        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-02-00                     | 57.23        |                     |                     |
|         | 1          | T60<br>COMMON     | 6.00<br>0.00      | 12-06-00 | 04-03-08        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-02-00                     | 38.00        |                     |                     |
|         | 2          | T61<br>HIP GIRDER | 8.00<br>0.00      | 14-00-00 | 05-07-13        | 2 X 4  | 2 X 4 | 02-03-08                  | 03-00-13                     | 50.25        |                     |                     |
|         | 2          | T62<br>HIP        | 8.00<br>0.00      | 14-00-00 | 06-11-13        | 2 X 4  | 2 X 4 | 02-03-08                  | 03-00-13                     | 32.00        |                     |                     |
|         | 1          | T102<br>MONOPITCH | 6.00<br>0.00      | 07-10-08 | 05-01-04        | 2 X 4  | 2 X 6 | 00-00-00                  | 01-02-00                     | 142.84       |                     |                     |
|         | 2 Ply      | J41<br>JACK-OPEN  | 6.00<br>0.00      | 05-10-08 | 04-01-04        | 2 X 4  | 2 X 4 | 00-00-00                  | 05-01-04                     | 91.34        |                     |                     |
|         | 6          | J42<br>JACK-OPEN  | 6.00<br>0.00      | 05-10-08 | 04-01-04        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-02-00                     | 160.32       |                     |                     |
|         | 1          | J43<br>JACK-OPEN  | 6.00<br>0.00      | 01-10-08 | 02-00-12        | 2 X 4  | 2 X 4 | 00-00-00                  | 04-01-04                     | 105.00       |                     |                     |
|         | 1          | J44<br>JACK-OPEN  | 6.00<br>0.00      | 01-10-08 | 03-00-12        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-02-00                     | 77.12        |                     |                     |
|         | 1          | J45<br>JACK-OPEN  | 6.00<br>0.00      | 01-10-08 | 03-00-12        | 2 X 4  | 2 X 4 | 00-01-01                  | 05-01-04                     | 48.66        |                     |                     |
|         | 1          | J46<br>JACK-OPEN  | 6.00<br>0.00      | 05-10-08 | 02-00-12        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-02-00                     | 100.74       |                     |                     |
|         | 1          | J47<br>JACK-OPEN  | 6.00<br>0.00      | 05-10-08 | 03-00-12        | 2 X 4  | 2 X 4 | 00-01-01                  | 04-01-04                     | 64.02        |                     |                     |
|         | 8          | J48<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 03-11-13        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-02-00                     | 7.02         |                     |                     |
|         | 7          | J49<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 03-11-13        | 2 X 4  | 2 X 4 | 00-01-01                  | 00-03-08                     | 4.67         |                     |                     |
|         | 7          | J50<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 03-11-13        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-02-00                     | 9.57         |                     |                     |
|         | 5          | J51<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-02-00                     | 6.00         |                     |                     |
|         | 7          | J52<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 02-01-01                  | 00-03-08                     | 11.58        |                     |                     |
|         | 5          | J53<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 02-01-01                  | 00-03-08                     | 7.33         |                     |                     |
|         | 7          | J54<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 03-11-13        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-02-00                     | 14.13        |                     |                     |
|         | 5          | J55<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 02-01-01                  | 00-03-08                     | 8.67         |                     |                     |
|         | 7          | J56<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-04-13                     | 102.48       |                     |                     |
|         | 5          | J57<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 00-00-00                  | 03-11-13                     | 64.00        |                     |                     |
|         | 7          | J58<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-04-13                     | 122.57       |                     |                     |
|         | 5          | J59<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 00-00-00                  | 02-11-13                     | 86.31        |                     |                     |
|         | 7          | J60<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 02-03-08                  | 02-00-13                     | 104.58       |                     |                     |
|         | 5          | J61<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 00-00-00                  | 00-05-03                     | 65.31        |                     |                     |
|         | 7          | J62<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 01-03-08                  | 01-04-13                     | 89.15        |                     |                     |
|         | 5          | J63<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 00-00-00                  | 05-03-13                     | 53.35        |                     |                     |
|         | 7          | J64<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 02-03-08                  | 03-00-13                     | 96.48        |                     |                     |
|         | 5          | J65<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 00-00-00                  | 05-07-13                     | 60.00        |                     |                     |
|         | 7          | J66<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 00-00-00                  | 03-02-13                     | 50.00        |                     |                     |
|         | 5          | J67<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 00-00-00                  | 05-07-13                     | 32.00        |                     |                     |
|         | 7          | J68<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 02-03-08                  | 03-00-13                     | 32.79        |                     |                     |
|         | 5          | J69<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | -00-01-01                 | 00-03-08                     | 21.99        |                     |                     |
|         | 7          | J70<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | 02-03-08                  | 03-00-13                     | 39.63        |                     |                     |
|         | 5          | J71<br>JACK-OPEN  | 8.00<br>0.00      | 03-10-08 | 04-07-13        | 2 X 4  | 2 X 4 | -02-01-01                 | 00-03-08                     | 26.01        |                     |                     |



Delivery Shiplist

|           |          |
|-----------|----------|
| DATE      | 04/03/18 |
| SALES REP | Mario    |

JOB TRACK: 44755      LAYOUT ID: 287656      LOCATION: BRADFORD  
BUILDER: BAYVIEW WELLINGTON-GREEN VALLE      SUB-BUILDER:  
MODEL: S42-7C      ELEVATION: C STD. +OPT. COFF.

ROOF TRUSSES

| PROFILE | QTY | PLY | MARK TYPE | PITCH TC BC  | SPAN     | TRUSS HEIGHT | LUMBER |       | OVERHANG LEFT RIGHT  | HEEL HEIGHT LEFT RIGHT |  | LBS. BFT.       | BUNDLE # STACK # | LOAD BY: REMARKS |
|---------|-----|-----|-----------|--------------|----------|--------------|--------|-------|----------------------|------------------------|--|-----------------|------------------|------------------|
|         |     |     |           |              |          |              | TOP    | BOT   |                      |                        |  |                 |                  |                  |
|         | 12  |     | J52 JACK  | 9.00<br>0.00 | 02-04-00 | 02-05-07     | 2 X 4  | 2 X 4 | 01-03-08<br>00-00-00 | 00-08-07<br>02-05-07   |  | 100.56<br>72.00 |                  |                  |
|         | 9   |     | J53 JACK  | 6.00<br>0.00 | 03-10-00 | 02-03-03     | 2 X 4  | 2 X 4 | 01-03-08<br>00-00-00 | 00-04-03<br>00-06-11   |  | 99.63<br>60.03  |                  |                  |

TOTAL # TRUSS= 117.00

HARDWARE

| QTY | ITEM TYPE    | MODEL         | LENGTH FT-IN-16 |
|-----|--------------|---------------|-----------------|
| 2   | Crush Plates | CP3-6         |                 |
| 2   | Hangers      | THGQH3-SDS4.5 |                 |
| 5   | Hangers      | HGUS26-2      |                 |
| 14  | Hangers      | LUS24         |                 |
| 28  | Hangers      | LJS26DS       |                 |

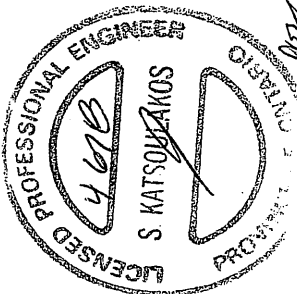
TOTAL # ITEMS= 51.00

TOTAL BFT OF ALL TRUSSES=

3902.02 BFT. TOTAL WEIGHT OF ALL TRUSSES= 6181.78 LBS.

DWG NO. TAM 17689-18  
STRUCTURAL  
COMPONENT ONLY

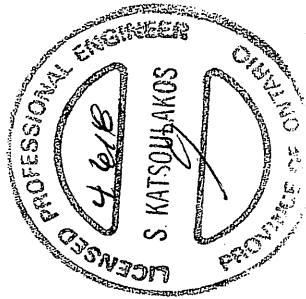
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |            |  |          |  |     |  |             |  |               |  |          |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------|--|----------|--|-----|--|-------------|--|---------------|--|----------|--|
| JOB NAME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  | TRUSS NAME |  | QUANTITY |  | PLY |  | JOB DESC.   |  | OBC2012_6TCDL |  | DRWG NO. |  |
| 296551                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  | T1         |  | 1        |  | 2   |  | TRUSS DESC. |  |               |  |          |  |
| Tamarack Roof Truss, Burlington                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |            |  |          |  |     |  |             |  |               |  |          |  |
| ID:hWcgW8rXigWKmKA Y2LwE4ySozE-DPNFCZIUJis71QEE89laG4FWK0KadFDq K6izTW2Q                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |            |  |          |  |     |  |             |  |               |  |          |  |
| Version 8.200 S Jan 6 2018 Mitek Industries, Inc. Fri Apr 6 08:13:23 2018 Page 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |  |            |  |          |  |     |  |             |  |               |  |          |  |
| <div><div><div>HANGERS NOTES</div><div>1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 593.2 lbs FACTORED DOWN AT 5-10-8, 135.3 lbs FACTORED DOWN AT 7-9-4, AND 135.3 lbs FACTORED DOWN AT 9-9-4, AND 135.3 lbs FACTORED DOWN AT 11-3-4 ON TOP CHORD, AND 75.9 lbs FACTORED DOWN AT 1-11-4, 71.7 lbs FACTORED DOWN AT 3-11-4, 71.7 lbs FACTORED DOWN AT 5-11-4, 71.7 lbs FACTORED DOWN AT 7-9-4, 71.7 lbs FACTORED DOWN AT 9-9-4, AND 71.7 lbs FACTORED DOWN AT 11-3-4, AND 1833.8 lbs FACTORED DOWN AT 12-4-8 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.</div></div></div> |  |            |  |          |  |     |  |             |  |               |  |          |  |



*psw*

DWG NO. TAM 17689.8  
STRUCTURAL  
COMPONENT ONLY





1622  
DWG NO. TAM 17664-18  
STRUCTURAL  
COMPONENT ONLY

|                                 |            |          |     |               |          |
|---------------------------------|------------|----------|-----|---------------|----------|
| JOB NAME                        | TRUSS NAME | QUANTITY | PLY | JOB DESC.     | DRWG NO. |
| 287685                          | T1S        | 1        | 2   | OBC2012_6TCDD |          |
| Tamarack Roof Truss, Burrington |            |          |     |               |          |

Version 3.200 S Jan 6 2018 Mittek Industries, Inc. Fri Apr 6 08:12:21 2018 Page 2  
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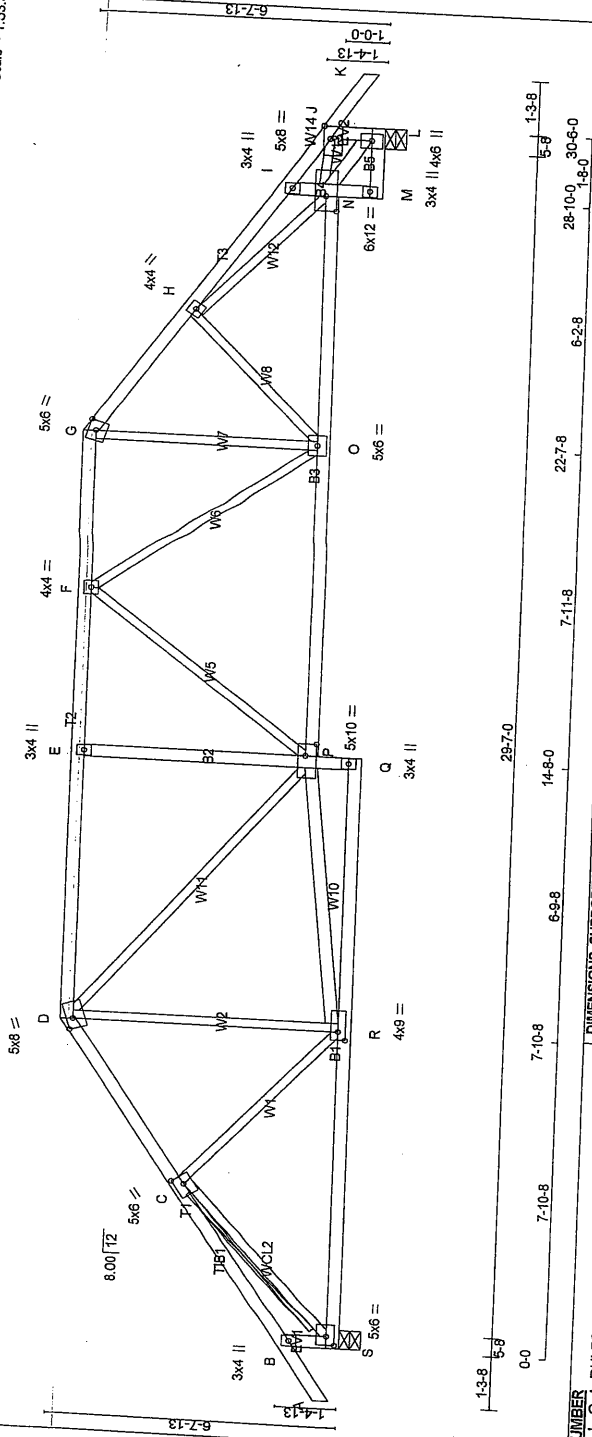
| PLATES (table is in inches) |        |        |       |      |       |      |                                   |  |  |
|-----------------------------|--------|--------|-------|------|-------|------|-----------------------------------|--|--|
| JT                          | TYPE   | PLATES | W     | LEN  | Y     | X    | FACTORED CONCENTRATED LOADS (LBS) |  |  |
| JT                          | LOC.   | LC1    | MAX-  | MAX+ | FACE  | DIR. | TYPE                              |  |  |
| W                           | 9-9-4  | -135   | -135  | -    | FRONT | VERT | TOTAL                             |  |  |
| X                           | 11-3-4 | -135   | -135  | -    | FRONT | VERT | TOTAL                             |  |  |
| Y                           | 1-11-4 | -39    | -76   | -    | FRONT | VERT | TOTAL                             |  |  |
| Z                           | 3-11-4 | -41    | -72   | -    | FRONT | VERT | TOTAL                             |  |  |
| AA                          | 7-9-4  | -41    | -72   | -    | FRONT | VERT | TOTAL                             |  |  |
| AB                          | 9-9-4  | -41    | -72   | -    | FRONT | VERT | TOTAL                             |  |  |
| AC                          | 11-3-4 | -41    | -72   | -    | FRONT | VERT | TOTAL                             |  |  |
| AD                          | 12-4-8 | -1684  | -1684 | -    | FRONT | VERT | TOTAL                             |  |  |

.JSI GRIP= 0.88 (T) (INPUT = 0.90 )  
.JSI METAL= 0.80 (T) (INPUT = 1.00 )

**HANGERS NOTES**  
1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 1033.7 lbs FACTORED DOWN AT 5-10-8, 135.3 lbs FACTORED DOWN AT 7-9-4, AND 135.3 lbs FACTORED DOWN AT 9-9-4, AND 135.3 lbs FACTORED DOWN AT 11-3-4 ON TOP CHORD, AND 75.9 lbs FACTORED DOWN AT 1-11-4, 71.7 lbs FACTORED DOWN AT 3-11-4, 71.7 lbs FACTORED DOWN AT 5-11-4, 71.7 lbs FACTORED DOWN AT 7-9-4, 71.7 lbs FACTORED DOWN AT 9-9-4, AND 71.7 lbs FACTORED DOWN AT 11-3-4, AND 1683.8 lbs FACTORED DOWN AT 12-4-8 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.

**NOTES:** (1)  
1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.2.3, 13.11, and no less than 2x4 for Part 4 design.



[illegible]

| B, E, I | J, L | PLATES | W    | LEN | Y    | X    |
|---------|------|--------|------|-----|------|------|
| A       | B    | TMW-1  | 3    | 0   |      |      |
| C       | B    | TMW-4  | M720 | 4.0 |      |      |
| D       | D    | TTW-1  | 5.0  | 6.0 | 2.50 | 2.50 |
| E       | D    | TTW-2  | 5.0  | 6.0 | 1.75 | 3.00 |
| F       | D    | TTW-4  | M720 | 4.0 |      |      |
| G       | G    | TTW-1  | M720 | 5.0 | 6.0  |      |
| H       | G    | TTW-4  | M720 | 4.0 | 4.0  | Edge |
| I       | J    | TMW-1  | M720 | 5.0 | 6.0  | 1.75 |
| J       | J    | TMW-4  | M720 | 4.0 | 6.0  | 3.50 |
| K       | K    | BMW-1  | M720 | 3.0 | 4.0  |      |
| L       | K    | BMW-4  | M720 | 3.0 | 4.0  |      |
| M       | M    | BMW-1  | M720 | 6.0 | 12.0 | 3.00 |
| N       | N    | BMW-4  | M720 | 5.0 | 6.0  | 4.50 |
| O       | O    | BMW-1  | M720 | 5.0 | 10.0 | 3.00 |
| P       | P    | BMW-4  | M720 | 3.0 | 4.0  | 3.50 |
| Q       | Q    | BMW-1  | M720 | 4.0 | 4.0  |      |
| R       | R    | BMW-4  | M720 | 4.0 | 4.0  |      |
| S       | S    | BMW-1  | M720 | 4.0 | 2.00 | 2.50 |
| T       | T    | BMW-4  | M720 | 5.0 | 6.0  | 2.25 |
| U       | U    | BMW-1  | M720 | 5.0 | 6.0  | 2.50 |

1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.

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

| BEARINGS |   | UNFACTORED REACTIONS |          |           |       |                     |       |           |       |         |       | FACTORED REACTIONS |       |        |       |  |  |
|----------|---|----------------------|----------|-----------|-------|---------------------|-------|-----------|-------|---------|-------|--------------------|-------|--------|-------|--|--|
|          |   | 1ST CASE             |          | MAX. MIN. |       | COMPONENT REACTIONS |       |           |       | MAXIMUM |       | GROSS REACTION     |       | RECORD |       |  |  |
|          |   | COMBINED             |          | SNOW      |       | LIVE                |       | PERMILIVE |       | WIND    |       | DEAD               |       | SOIL   |       |  |  |
| JT       | L | 1615                 | 1082 / 0 | 320 / 0   | 0 / 0 | 0 / 0               | 0 / 0 | 0 / 0     | 0 / 0 | 0 / 0   | 0 / 0 | 0 / 0              | 0 / 0 | 0 / 0  | 0 / 0 |  |  |
| S        | S | 1811                 | 1078 / 0 | 320 / 0   | 0 / 0 | 0 / 0               | 0 / 0 | 0 / 0     | 0 / 0 | 0 / 0   | 0 / 0 | 0 / 0              | 0 / 0 | 0 / 0  | 0 / 0 |  |  |

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

## BRACING

MAX. UNBRACED BOTTOM CHORD LENGTH = 7.81 FT. OR RIGID CEILING DIRECTLY APPLIED.

LET THOSE BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.

STEN T AND L-BRACES TO NARROW EDGE OF WEB WITH ONE ROW PER PLY OF 3" COMMON WIRE NAILS @ 6" O.C. WITH 3" MINIMUM END DISTANCE. BRACE MUST COVER 100% OF WEB LENGTH.

ID 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)**

[illegible]

| NAIL VALUES |          | SECTION  |           |
|-------------|----------|----------|-----------|
| PLATE       | GRIP     | SHEAR    | (PL)      |
|             | (PSY)    | (PL)     | (PL)      |
|             | MAX. MIN | MAX. MIN | MAX. MIN  |
| MT20        | 618 354  | 1667 822 | 2284 1656 |

PLATE PLACEMENT TOL. = 0.250 inches

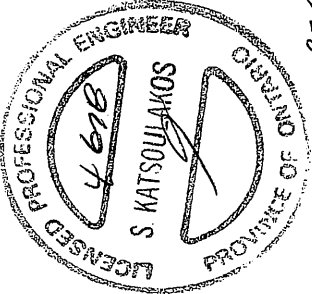
PLATE ROTATION TOL. = 5.0 Deg.

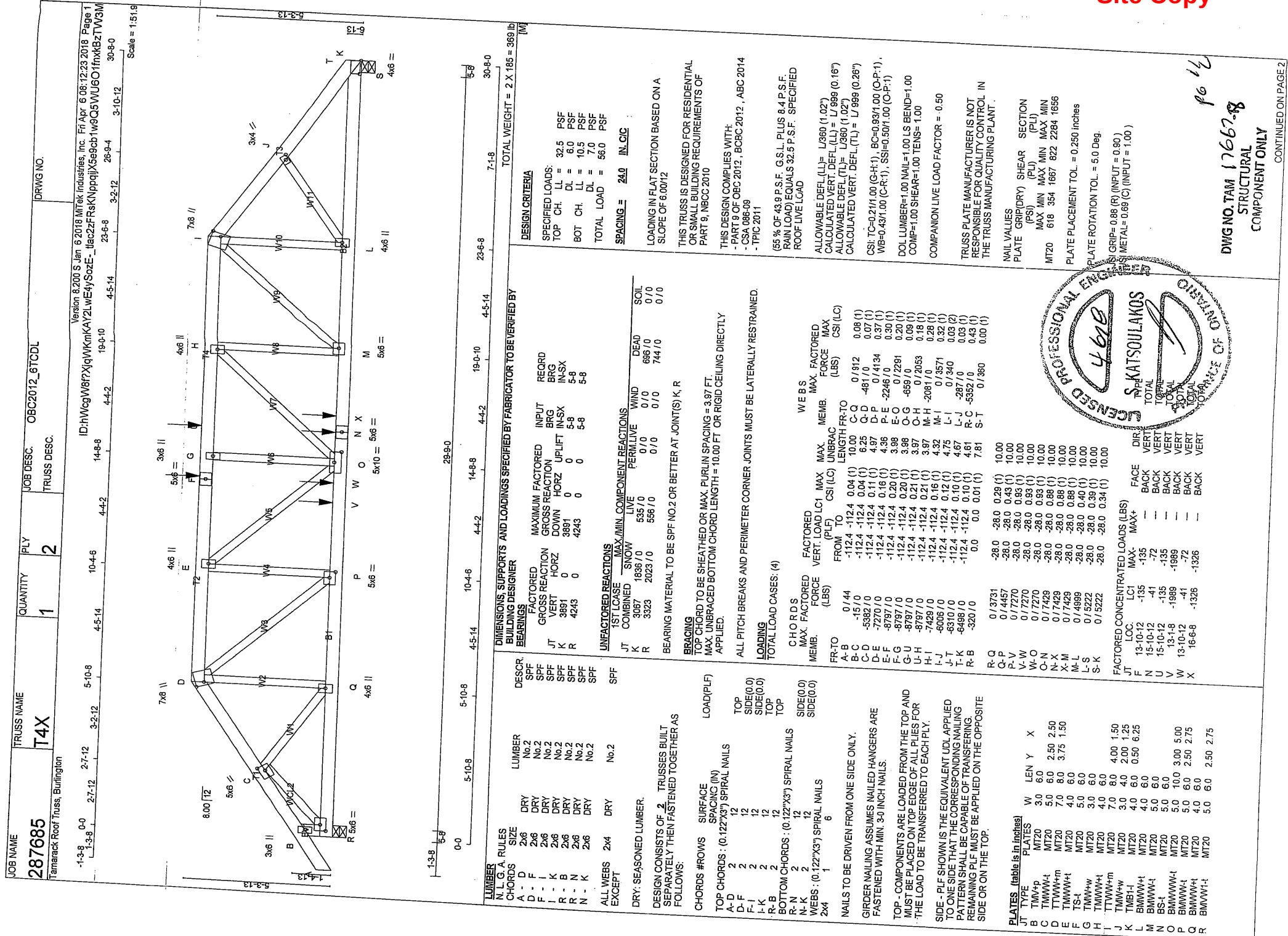
JSI GRIP = 0.90 (S) (INPUT = 0.90 )

JSI METAL = 0.87 (C) (INPUT = 1.00 )

DWG NO. TAM 17665-18  
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[illegible]

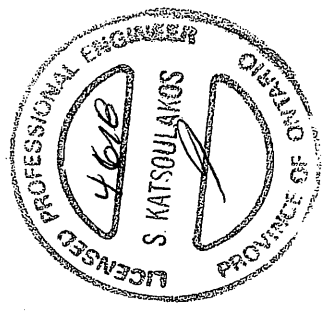
| JOB NAME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       | TRUSS NAME |     | QUANTITY |      | PLY  |  | JOB DESC.   |  | OBC2012_6TCDL |  | DRWG NO. |  |    |      |        |   |     |   |   |   |      |      |     |      |      |      |   |       |      |     |     |      |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------|-----|----------|------|------|--|-------------|--|---------------|--|----------|--|----|------|--------|---|-----|---|---|---|------|------|-----|------|------|------|---|-------|------|-----|-----|------|--|
| 287685                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |       | T3         |     | 1        |      | 3    |  | TRUSS DESC. |  |               |  |          |  |    |      |        |   |     |   |   |   |      |      |     |      |      |      |   |       |      |     |     |      |  |
| Tamarack Roof Truss, Burlington                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |       |            |     |          |      |      |  |             |  |               |  |          |  |    |      |        |   |     |   |   |   |      |      |     |      |      |      |   |       |      |     |     |      |  |
| Version 8.200 S Jan 6 2018 MITek Industries, Inc. Fri Apr 6 08:12:22 2018 Page 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |       |            |     |          |      |      |  |             |  |               |  |          |  |    |      |        |   |     |   |   |   |      |      |     |      |      |      |   |       |      |     |     |      |  |
| ID:hWcgW8r?XgWKmKAY2LwE4ySozE-WgBCFvdyYCWBF-W8gZPcO2o8l94nvOEo?2OCkzTW9N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |       |            |     |          |      |      |  |             |  |               |  |          |  |    |      |        |   |     |   |   |   |      |      |     |      |      |      |   |       |      |     |     |      |  |
| <div>PLATES (table is in inches)</div> <table><thead><tr><th>LT</th><th>TYPE</th><th>PLATES</th><th>W</th><th>LEN</th><th>Y</th><th>X</th></tr></thead><tbody><tr><td>Q</td><td>BMW4</td><td>MT20</td><td>8.0</td><td>12.0</td><td>4.25</td><td>5.00</td></tr><tr><td>R</td><td>BMV1+</td><td>MT20</td><td>6.0</td><td>9.0</td><td>5.50</td><td></td></tr></tbody></table> <div>Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.</div> <div>HANGERS NOTES</div> <div>1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 11735.1 lbs FACTORED DOWN AT 24'-2.4" 2820.9 lbs FACTORED DOWN AT 26'-3.0" AND 1089.1 lbs FACTORED DOWN AT 27'-4.4" AND 1089.1 lbs FACTORED DOWN AT 28'-10.4" ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.</div> <div>NOTES. (1)</div> <div>1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.</div> |       |            |     |          |      |      |  |             |  |               |  |          |  | LT | TYPE | PLATES | W | LEN | Y | X | Q | BMW4 | MT20 | 8.0 | 12.0 | 4.25 | 5.00 | R | BMV1+ | MT20 | 6.0 | 9.0 | 5.50 |  |
| LT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | TYPE  | PLATES     | W   | LEN      | Y    | X    |  |             |  |               |  |          |  |    |      |        |   |     |   |   |   |      |      |     |      |      |      |   |       |      |     |     |      |  |
| Q                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | BMW4  | MT20       | 8.0 | 12.0     | 4.25 | 5.00 |  |             |  |               |  |          |  |    |      |        |   |     |   |   |   |      |      |     |      |      |      |   |       |      |     |     |      |  |
| R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | BMV1+ | MT20       | 6.0 | 9.0      | 5.50 |      |  |             |  |               |  |          |  |    |      |        |   |     |   |   |   |      |      |     |      |      |      |   |       |      |     |     |      |  |
| <div><p>prz</p><p>DWG NO. TAM 126628</p><p>STRUCTURAL COMPONENT ONLY</p></div>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |       |            |     |          |      |      |  |             |  |               |  |          |  |    |      |        |   |     |   |   |   |      |      |     |      |      |      |   |       |      |     |     |      |  |



DWG NO. TAM 17662-8  
STRUCTURAL  
COMPONENT ONLY

CONTINUED ON PAGE 2

|                                                                                                                                                                                                                                                                                                                                                                                                                         |                   |               |          |                          |               |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|----------|--------------------------|---------------|----------|
| JOB NAME<br>287685<br>Tamarack Roof Truss, Burlington                                                                                                                                                                                                                                                                                                                                                                   | TRUSS NAME<br>T4X | QUANTITY<br>1 | PLY<br>2 | JOB DESC.<br>TRUSS DESC. | OBC2012_6TCDL | DRWG NO. |
| Version 8.200 S Jan 6 2018 MITek Industries, Inc. Fri Apr 6 08:12:23 2018 Page 2<br>ID:hWcgW8r2XgWkmkAY2LwE4ySozE- llec2zFRsKNppqjX5e9cb1w9Q5WU6O1fxk8zTV3M                                                                                                                                                                                                                                                             |                   |               |          |                          |               |          |
| <b>HANGERS NOTES</b><br>1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 135.3 lbs FACTORED DOWN AT 13-10-12, AND 135.3 lbs FACTORED DOWN AT 15-10-12 ON TOP CHORD, AND 1989.5 lbs FACTORED DOWN AT 13-1-8, 71.7 lbs FACTORED DOWN AT 13-10-12, AND 71.7 lbs FACTORED DOWN AT 15-10-12, AND 1328.0 lbs CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER. |                   |               |          |                          |               |          |
| <b>NOTES:</b> (1)<br>1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.                                                                                                                                                                                                                                                                            |                   |               |          |                          |               |          |



per  
DWG NO. TAM 17667-28  
STRUCTURAL  
COMPONENT ONLY





Version 8.200 S. Jan 6 2018 MITek Industries, Inc. Fri Apr 6 08:12:24 2018 Page 1  
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 29-5-0, 30-8-8, 1-3-8, 6-0-8, 23-4-8, 5-10-0, 17-6-8, 5-8-0, 11-10-8, 5-10-0, 5-10-0, 5-8-0, 1-3-8, 0-0

Scale = 1:55.9

DRWG NO. OBC2012\_6TCDL

JOB DESC. TRUSS DESC.

PLY 1

QUANTITY 1

TRUSS NAME T7

Tamarack Roof Truss, Burlington

287685

0-0, 5-0-8, 6-0-8, 11-10-8, 5-8-0, 17-6-8, 5-10-0, 5-10-0, 5-8-0, 1-3-8, 0-0

28'-6.0"

8.00' ± 1/2"

5x8 =

3x6 =

4x4 =

3x4 II

WCR1

WCR2

W1

W2

W3

W4

W5

W6

W7

W8

T1

T2

T3

T4

T5

A

B

C

D

E

F

G

H

I

J

K

L

M

N

O

P

Q

R

S

T

U

V

W

X

Y

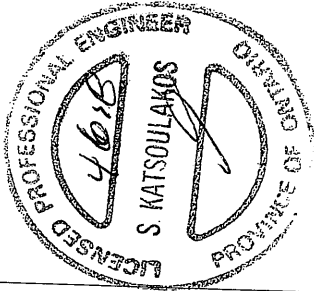
Z

| DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER |  |  |  |  |  |  |  |  |  | DESIGN CRITERIA                                                                                    |  |  |  |  |  |  |  |  |  |
|-----------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|----------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|--|
| BEARINGS                                                                                      |  |  |  |  |  |  |  |  |  | SPECIFIED LOADS:                                                                                   |  |  |  |  |  |  |  |  |  |
| JT                                                                                            |  |  |  |  |  |  |  |  |  | TOP CH. LL = 32.5 PSF                                                                              |  |  |  |  |  |  |  |  |  |
| Q                                                                                             |  |  |  |  |  |  |  |  |  | BOT CH. DL = 6.0 PSF                                                                               |  |  |  |  |  |  |  |  |  |
| K                                                                                             |  |  |  |  |  |  |  |  |  | TOTAL LOAD = 56.0 PSF                                                                              |  |  |  |  |  |  |  |  |  |
| UNFACTORED REACTIONS                                                                          |  |  |  |  |  |  |  |  |  | SPACING = 24.0 IN. C/C                                                                             |  |  |  |  |  |  |  |  |  |
| 1ST LOOSE                                                                                     |  |  |  |  |  |  |  |  |  | LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.00/12                                                |  |  |  |  |  |  |  |  |  |
| JT                                                                                            |  |  |  |  |  |  |  |  |  | THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2010         |  |  |  |  |  |  |  |  |  |
| Q                                                                                             |  |  |  |  |  |  |  |  |  | THIS DESIGN COMPLIES WITH:                                                                         |  |  |  |  |  |  |  |  |  |
| K                                                                                             |  |  |  |  |  |  |  |  |  | - PART 9 OF CBC 2012, 5CBC 2012, ABC 2014                                                          |  |  |  |  |  |  |  |  |  |
| BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) Q, K                                    |  |  |  |  |  |  |  |  |  | - CSA 086-09                                                                                       |  |  |  |  |  |  |  |  |  |
| BRACING                                                                                       |  |  |  |  |  |  |  |  |  | - TPC 2011                                                                                         |  |  |  |  |  |  |  |  |  |
| TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 3.72 FT.                                    |  |  |  |  |  |  |  |  |  | (55 % OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD |  |  |  |  |  |  |  |  |  |
| MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT. OR RIGID CEILING DIRECTLY APPLIED.              |  |  |  |  |  |  |  |  |  | ALLOWABLE DEF. (LL) = L/360 (0.98")                                                                |  |  |  |  |  |  |  |  |  |
| ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE Laterally RESTRAINED.                    |  |  |  |  |  |  |  |  |  | CALCULATED VERT. DEF. (LL) = L/999 (0.10")                                                         |  |  |  |  |  |  |  |  |  |
| LOADING                                                                                       |  |  |  |  |  |  |  |  |  | CALCULATED VERT. DEF. (TL) = L/360 (0.98")                                                         |  |  |  |  |  |  |  |  |  |
| TOTAL LOAD CASES: (4)                                                                         |  |  |  |  |  |  |  |  |  | CSI: TC=0.66/1.00 (B-C-1), BC=0.46/1.00 (C-P-2), WB=0.71/1.00 (C-O-1), SS=0.27/1.00 (H-1-1)        |  |  |  |  |  |  |  |  |  |
| CHORDS                                                                                        |  |  |  |  |  |  |  |  |  | DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10 COMP=1.10 SHEAR=1.10 TENS=1.10                              |  |  |  |  |  |  |  |  |  |
| MEMB.                                                                                         |  |  |  |  |  |  |  |  |  | COMPANION LIVE LOAD FACTOR = 0.50                                                                  |  |  |  |  |  |  |  |  |  |
| FR-TO                                                                                         |  |  |  |  |  |  |  |  |  | TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.  |  |  |  |  |  |  |  |  |  |
| A-B                                                                                           |  |  |  |  |  |  |  |  |  | NAIL VALUES                                                                                        |  |  |  |  |  |  |  |  |  |
| B-C                                                                                           |  |  |  |  |  |  |  |  |  | PLATE GRIP (P)                                                                                     |  |  |  |  |  |  |  |  |  |
| C-D                                                                                           |  |  |  |  |  |  |  |  |  | SHEAR (P)                                                                                          |  |  |  |  |  |  |  |  |  |
| D-E                                                                                           |  |  |  |  |  |  |  |  |  | SECTION (P)                                                                                        |  |  |  |  |  |  |  |  |  |
| E-F                                                                                           |  |  |  |  |  |  |  |  |  | MAX MIN MAX MIN MAX MIN                                                                            |  |  |  |  |  |  |  |  |  |
| F-G                                                                                           |  |  |  |  |  |  |  |  |  | MT20 618 334 1657 822 2284 1655                                                                    |  |  |  |  |  |  |  |  |  |
| G-H                                                                                           |  |  |  |  |  |  |  |  |  | PLATE PLACEMENT TOL. = 0.250 inches                                                                |  |  |  |  |  |  |  |  |  |
| H-I                                                                                           |  |  |  |  |  |  |  |  |  | PLATE ROTATION TOL. = 5.0 Deg.                                                                     |  |  |  |  |  |  |  |  |  |
| I-J                                                                                           |  |  |  |  |  |  |  |  |  | JSI GRIP= 0.90 (Q) (INPUT = 0.90)                                                                  |  |  |  |  |  |  |  |  |  |
| J-K                                                                                           |  |  |  |  |  |  |  |  |  | JSI METAL= 0.51 (P) (INPUT = 1.00)                                                                 |  |  |  |  |  |  |  |  |  |
| K-L                                                                                           |  |  |  |  |  |  |  |  |  |                                                                                                    |  |  |  |  |  |  |  |  |  |
| Q-P                                                                                           |  |  |  |  |  |  |  |  |  |                                                                                                    |  |  |  |  |  |  |  |  |  |
| P-O                                                                                           |  |  |  |  |  |  |  |  |  |                                                                                                    |  |  |  |  |  |  |  |  |  |
| O-N                                                                                           |  |  |  |  |  |  |  |  |  |                                                                                                    |  |  |  |  |  |  |  |  |  |
| N-M                                                                                           |  |  |  |  |  |  |  |  |  |                                                                                                    |  |  |  |  |  |  |  |  |  |
| M-L                                                                                           |  |  |  |  |  |  |  |  |  |                                                                                                    |  |  |  |  |  |  |  |  |  |
| L-K                                                                                           |  |  |  |  |  |  |  |  |  |                                                                                                    |  |  |  |  |  |  |  |  |  |

(1) lateral brace(s) shown shall be 1x4 for Part 9 design as per DBC 9.2.3.13.11, and no less than 2x4 for Part 4 design.



| JOB NAME                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | TRUSS NAME | QUANTITY | PLY  | JOB DESC.     | DRWG NO. |      |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|----------|------|---------------|----------|------|------|--------|---|-----|---|---|---|--------|------|-----|-----|------|------|---|--------|------|-----|------|------|------|---|--------|------|-----|-----|------|------|---|------|------|-----|-----|--|--|---|----------|------|------|------|------|------|---|------|------|-----|-----|--|--|---|--------|------|-----|-----|------|------|---|--------|------|-----|------|------|------|---|--------|------|-----|-----|------|--|
| 287685                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | T8         | 1        | 3    | OBC2012_6TCDL |          |      |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
| Tamarack Roof Truss, Burlington                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |            |          |      |               |          |      |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
| Version 8.200 S Jan 6 2018 MITek Industries, Inc. Fit Apr 6 08:12:24 2018 Page 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |            |          |      |               |          |      |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
| ID:hWcQW8f7XqWKnKAY2LwE4ySozE-S3WqO ICASEQ2PVHFctmp8A7Y1FgQXFJXUHdzTW3L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |            |          |      |               |          |      |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
| <p><b>PLATES (table is in inches)</b></p> <table><thead><tr><th>JT</th><th>TYPE</th><th>PLATES</th><th>W</th><th>LEN</th><th>Y</th><th>X</th></tr></thead><tbody><tr><td>M</td><td>BMV1+p</td><td>MT20</td><td>7.0</td><td>8.0</td><td>Edge</td><td>1.50</td></tr><tr><td>N</td><td>BMWW-t</td><td>MT20</td><td>8.0</td><td>12.0</td><td>4.25</td><td>5.50</td></tr><tr><td>O</td><td>BMWW-t</td><td>MT20</td><td>5.0</td><td>8.0</td><td>4.00</td><td>2.25</td></tr><tr><td>P</td><td>BS-t</td><td>MT20</td><td>5.0</td><td>6.0</td><td></td><td></td></tr><tr><td>Q</td><td>BMWWWW-t</td><td>MT20</td><td>10.0</td><td>12.0</td><td>5.25</td><td>6.00</td></tr><tr><td>R</td><td>BS-t</td><td>MT20</td><td>5.0</td><td>6.0</td><td></td><td></td></tr><tr><td>S</td><td>BMWW-t</td><td>MT20</td><td>5.0</td><td>8.0</td><td>4.00</td><td>2.25</td></tr><tr><td>T</td><td>BMWW-t</td><td>MT20</td><td>8.0</td><td>12.0</td><td>4.25</td><td>5.50</td></tr><tr><td>U</td><td>BMV1+p</td><td>MT20</td><td>7.0</td><td>8.0</td><td>5.50</td><td></td></tr></tbody></table> <p>Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.</p> <p><b>HANGERS NOTES</b></p> <p>1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 11986.0 lbs FACTORED DOWN AT 24-24, AND 3915.6 lbs FACTORED DOWN AT 26-3-0, AND 201.1 lbs FACTORED DOWN AT 28-3-12 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.</p> <p><b>NOTES:</b> (1)<br/>1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.</p> |            |          |      |               |          | JT   | TYPE | PLATES | W | LEN | Y | X | M | BMV1+p | MT20 | 7.0 | 8.0 | Edge | 1.50 | N | BMWW-t | MT20 | 8.0 | 12.0 | 4.25 | 5.50 | O | BMWW-t | MT20 | 5.0 | 8.0 | 4.00 | 2.25 | P | BS-t | MT20 | 5.0 | 6.0 |  |  | Q | BMWWWW-t | MT20 | 10.0 | 12.0 | 5.25 | 6.00 | R | BS-t | MT20 | 5.0 | 6.0 |  |  | S | BMWW-t | MT20 | 5.0 | 8.0 | 4.00 | 2.25 | T | BMWW-t | MT20 | 8.0 | 12.0 | 4.25 | 5.50 | U | BMV1+p | MT20 | 7.0 | 8.0 | 5.50 |  |
| JT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | TYPE       | PLATES   | W    | LEN           | Y        | X    |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
| M                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BMV1+p     | MT20     | 7.0  | 8.0           | Edge     | 1.50 |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
| N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BMWW-t     | MT20     | 8.0  | 12.0          | 4.25     | 5.50 |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
| O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BMWW-t     | MT20     | 5.0  | 8.0           | 4.00     | 2.25 |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
| P                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BS-t       | MT20     | 5.0  | 6.0           |          |      |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
| Q                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BMWWWW-t   | MT20     | 10.0 | 12.0          | 5.25     | 6.00 |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
| R                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BS-t       | MT20     | 5.0  | 6.0           |          |      |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
| S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BMWW-t     | MT20     | 5.0  | 8.0           | 4.00     | 2.25 |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
| T                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BMWW-t     | MT20     | 8.0  | 12.0          | 4.25     | 5.50 |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |
| U                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | BMV1+p     | MT20     | 7.0  | 8.0           | 5.50     |      |      |        |   |     |   |   |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |      |   |      |      |     |     |  |  |   |          |      |      |      |      |      |   |      |      |     |     |  |  |   |        |      |     |     |      |      |   |        |      |     |      |      |      |   |        |      |     |     |      |  |



per  
DWG NO. TAM 17671-18  
STRUCTURAL  
COMPONENT ONLY





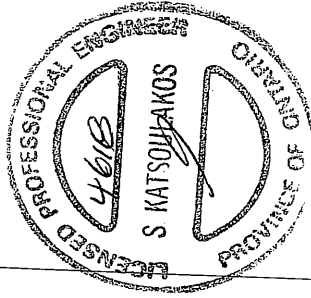
| JOB NAME                        | TRUSS NAME | QUANTITY | PLY | JOB DESC.     | DRWG NO. |
|---------------------------------|------------|----------|-----|---------------|----------|
| 287685                          | T13X       | 1        | 3   | OBC2012_6TCDL |          |
| Tamarack Roof Truss, Burlington |            |          |     |               |          |

Version 8.200 S Jan 6 2018 MITek Industries, Inc. Fri Apr 6 08:12:25 2018 Page 1  
 ID:hWcgW8rXqWkmKAY2lwEkySoz-wFSk1K?VzIa427\_5qy76E1gUxj8W\_K7hUzG2p3zTtV3K

Scale = 1:41.4

LUMBER

| DESIGN CRITERIA                                                                                   |           |         |              |
|---------------------------------------------------------------------------------------------------|-----------|---------|--------------|
| SPECIFIED LOADS:                                                                                  |           |         |              |
| TOP CH                                                                                            | LL = 32.5 | PSF     |              |
| BOT CH                                                                                            | LL = 10.5 | PSF     |              |
| TOTAL LOAD                                                                                        | DL = 56.0 | PSF     |              |
| SPACING = 24.0 IN./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, NBC2010          |           |         |              |
| THIS DESIGN COMPLIES WITH:                                                                        |           |         |              |
| - PART 9 OF OBC 2012, BCBC 2012, ABC 2014                                                         |           |         |              |
| - CSA 086-09                                                                                      |           |         |              |
| - TPC 2011                                                                                        |           |         |              |
| (55% OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD |           |         |              |
| ALLOWABLE DEF. (LL) = L/360 (0.83")                                                               |           |         |              |
| CALCULATED VERT. DEF. (LL) = L/999 (0.11")                                                        |           |         |              |
| ALLOWABLE DEF. (TL) = L/360 (0.83")                                                               |           |         |              |
| CALCULATED VERT. DEF. (TL) = L/999 (0.18")                                                        |           |         |              |
| CSI: TO=0.24/1.00 (A-O-1), BC=0.81/1.00 (L-L-1), WB=0.65/1.00 (G-1), SS=0.49/1.00 (H-1)           |           |         |              |
| DOI LUMBER=1.00 NAIL=1.00 LS BEND=1.10 COMP=1.10 SHEAR=1.10 TENS=1.10                             |           |         |              |
| COMPANION LIVE LOAD FACTOR = 0.50                                                                 |           |         |              |
| TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT. |           |         |              |
| NAIL VALUES                                                                                       |           |         |              |
| PLATE                                                                                             | GRIP(1)   | SHEAR   | SECTION (PL) |
| MAX MIN                                                                                           | MAX MIN   | MAX MIN |              |
| MT20                                                                                              | 618       | 354     | 1667         |
| PLATE PLACEMENT TOL. = 0.250 inches                                                               |           |         |              |
| PLATE ROTATION TOL. = 5.0 Deg.                                                                    |           |         |              |
| JSI GRIP= 0.90 (G) (INPUT = 0.90)                                                                 |           |         |              |
| JSI METAL= 0.74 (A) (INPUT = 1.00)                                                                |           |         |              |
| DWG NO. TAM 17674-18                                                                              |           |         |              |
| STRUCTURAL COMPONENT ONLY                                                                         |           |         |              |
| TOTAL WEIGHT = 3 X 161 = 482 lb                                                                   |           |         |              |
| CONTINUED ON PAGE 2                                                                               |           |         |              |



1027  
DWG NO. TAM 12674-18  
STRUCTURAL  
COMPONENT ONLY

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |  |                    |  |                                                                                                                    |          |                            |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--------------------|--|--------------------------------------------------------------------------------------------------------------------|----------|----------------------------|----------|
| JOB NAME<br>287685<br>Tamarack Roof Truss, Burlington                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | TRUSS NAME<br>T13X |  | QUANTITY<br>1                                                                                                      | PLY<br>3 | JOB DESC.<br>OBC2012_6TCDL | DRWG NO. |
| Version 9.200 S Jan 6 2018 MITek Industries, Inc. Fir Apr 6 08:12:25 2018 Page 2<br>ID:hWcgW8r?XgWkMkAY2LwE4ySozE-wFsk1K?yZTa4Z7_5y78E1gNw9W_K7hUzG2p3z-TW3K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                    |  |                                                                                                                    |          |                            |          |
| <b>HANGERS NOTES</b><br>1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 1657.2 lbs FACTORED DOWN AT 1-8-4, 1657.2 lbs FACTORED DOWN AT 3-8-4, 1657.2 lbs FACTORED DOWN AT 5-8-4, 1657.2 lbs FACTORED DOWN AT 7-8-4, 1657.2 lbs FACTORED DOWN AT 9-2-4, 1657.2 lbs FACTORED DOWN AT 11-2-4, 1657.2 lbs FACTORED DOWN AT 13-2-4, 1657.2 lbs FACTORED DOWN AT 15-2-4, 1657.2 lbs FACTORED DOWN AT 17-2-4, 1657.2 lbs FACTORED DOWN AT 19-2-4, AND 1657.2 lbs FACTORED DOWN AT 21-2-4, AND 1657.2 lbs FACTORED DOWN AT 23-2-4 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER. |  |                    |  | FACTORED CONCENTRATED LOADS (LBS)<br>JT LOC. LC1 MAX- MAX+ TYPE<br>Y 23-2-4 -1657 -1657 - FACE DIR BACK VERT TOTAL |          |                            |          |
| <b>NOTES:</b> (1)<br>1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |                    |  |                                                                                                                    |          |                            |          |

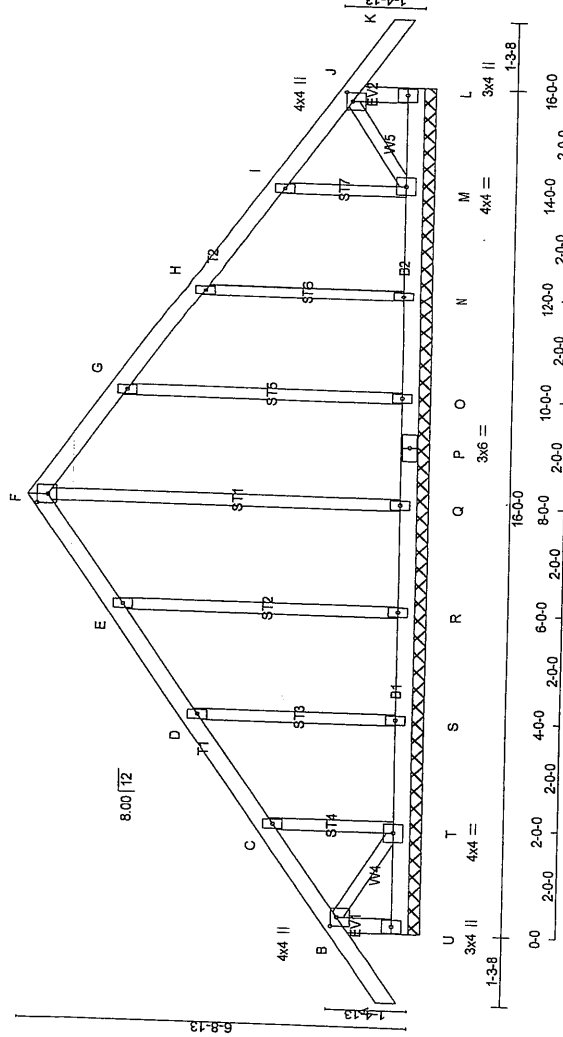
[illegible]

**NOTES. (1)**  
Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design

OTES- (1)

A circular professional engineer seal for the State of Ohio. The outer ring contains the text "LICENSED PROFESSIONAL ENGINEER" at the top and "STATE OF OHIO" at the bottom. The center of the seal features the name "S. KATSOULAKOS" and the license number "146213" written in a stylized, handwritten font.

DWG NO. TAMA 17675-18  
STRUCTURAL  
COMPONENT ONLY



| LUMBER                          |     | CHORDS |      | SIZE |  | DESCR. |  |
|---------------------------------|-----|--------|------|------|--|--------|--|
| N L G A RULES                   |     |        |      |      |  |        |  |
| A - F                           | 2x4 | DRY    | No.2 | SPF  |  |        |  |
| F - K                           | 2x4 | DRY    | No.2 | SPF  |  |        |  |
| U - J                           | 2x4 | DRY    | No.2 | SPF  |  |        |  |
| L - B                           | 2x4 | DRY    | No.2 | SPF  |  |        |  |
| P - L                           | 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 24-0 O.C. |     |        |      |      |  |        |  |

| PLATES (table is in inches) |        | W   |     | LEN  |      | Y |  | X |  |
|-----------------------------|--------|-----|-----|------|------|---|--|---|--|
| JT TYPE                     | PLATES |     |     |      |      |   |  |   |  |
| B TMWV+p                    | MT20   | 4.0 | 4.0 | 1.25 | 2.00 |   |  |   |  |
| C D E G H I                 |        |     |     |      |      |   |  |   |  |
| F TMWV+p                    | MT20   | 4.0 | 4.0 | 2.25 | 2.00 |   |  |   |  |
| L BMV1+p                    | MT20   | 4.0 | 4.0 | 1.25 | 2.00 |   |  |   |  |
| M BMV1+p                    | MT20   | 3.0 | 4.0 |      |      |   |  |   |  |
| N O Q R S                   |        |     |     |      |      |   |  |   |  |
| P BS4                       | MT20   | 2.0 | 4.0 |      |      |   |  |   |  |
| T BMV1+p                    | MT20   | 3.0 | 6.0 |      |      |   |  |   |  |
| U BMV1+p                    | MT20   | 4.0 | 4.0 |      |      |   |  |   |  |

NOTES: (1)  
1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.

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

THIS TRUSS DESIGNED FOR CONTINUOUS BEARINGS.  
THIS TRUSS REQUIRES RIGID SHEATHING ON EXPOSED FACE.  
BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S)  
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 |               | FACTORED        |          | MAX   |        | WEBS  |               |
|--------|---------------|-----------------|----------|-------|--------|-------|---------------|
| MEMB.  | MAX. FACTORED | VERT. LOAD (PL) | CS (LC)  | MAX   | UNBRAC | MEMB. | MAX. FACTORED |
| FR-JO  | FROM TO       |                 |          |       |        |       |               |
| A-B    | -112.4 -112.4 | 0.15 (1)        | 10.00    | Q-F   | -171.0 |       | 0.13 (1)      |
| B-C    | -112.4 -112.4 | 0.14 (1)        | 6.25     | R-E   | -253.0 |       | 0.11 (1)      |
| C-D    | -112.4 -112.4 | 0.05 (1)        | 6.25     | S-D   | -228.0 |       | 0.06 (1)      |
| D-E    | -112.4 -112.4 | 0.08 (1)        | 6.25     | T-C   | -161.0 |       | 0.03 (1)      |
| E-F    | -112.4 -112.4 | 0.06 (1)        | 6.25     | O-G   | -253.0 |       | 0.11 (1)      |
| F-G    | -112.4 -112.4 | 0.06 (1)        | 6.25     | N-H   | -228.0 |       | 0.06 (1)      |
| G-H    | -112.4 -112.4 | 0.05 (1)        | 6.25     | M-I   | -161.0 |       | 0.03 (1)      |
| H-I    | -112.4 -112.4 | 0.14 (1)        | 6.25     | B-T   | 0.32   |       | 0.01 (1)      |
| I-J    | -112.4 -112.4 | 0.15 (1)        | 10.00    | M-J   | 0.32   |       | 0.01 (1)      |
| J-K    | 0.0           | 0.0             | 0.04 (1) |       |        |       |               |
| K-L    | 0.0           | 0.0             | 0.04 (1) |       |        |       |               |
| L-J    | -341.0        |                 | 7.81     |       |        |       |               |
| U-T    | 0.0           |                 |          |       |        |       |               |
| T-S    | 0.22          | -28.0           | 0.03 (3) | 10.00 |        |       |               |
| S-R    | 0.17          | -28.0           | 0.02 (3) | 10.00 |        |       |               |
| R-Q    | 0.13          | -28.0           | 0.02 (3) | 10.00 |        |       |               |
| Q-P    | 0.13          | -28.0           | 0.02 (3) | 10.00 |        |       |               |
| P-O    | 0.13          | -28.0           | 0.02 (3) | 10.00 |        |       |               |
| O-N    | 0.17          | -28.0           | 0.02 (3) | 10.00 |        |       |               |
| N-M    | 0.22          | -28.0           | 0.03 (3) | 10.00 |        |       |               |
| M-L    | 0.0           | -28.0           | 0.03 (3) | 10.00 |        |       |               |

DESIGN CRITERIA

SPECIFIED LOADS:  
TOP CH. LL = 32.5 PSF  
BOT CH. LL = 6.0 PSF  
TOTAL LOAD = 56.0 PSF  
SPACING = 24.0 IN. C/C

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBC 2010

THIS DESIGN COMPLIES WITH:  
- PART 9 OF OBC 2012, BCBC 2012, ABC 2014  
- CSA 086-09  
- TPIC 2011

DESIGN ASSUMPTIONS  
- OVERHANG NOT TO BE ALTERED OR CUT OFF.

(55 % OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD

CSI: TC=0.15/1.00 (A-B-1), BC=0.03/1.00 (M-N-3), WB=0.13/1.00 (F-Q-1), SS=0.10/1.00 (J-K-1)  
DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10 COMP=1.10 SHEAR=1.10 TENS= 1.10

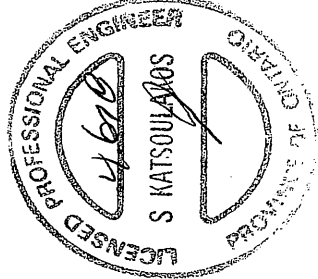
COMPANION LIVE LOAD FACTOR = 0.50

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

NAIL VALUES  
PLATE GRIP(DRY) SHEAR SECTION (PSI) (PLI)  
MAX MIN MAX MIN  
MT20 618 354 1667 822 2284 1656

PLATE PLACEMENT TOL. = 0.250 inches  
PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.24 (B) (INPUT = 0.90 )  
JSI METAL= 0.06 (G) (INPUT = 1.00 )





| JOB NAME                        | TRUSS NAME | QUANTITY | PLY | JOB DESC.     | TRUSS DESC. | DRWG NO. |
|---------------------------------|------------|----------|-----|---------------|-------------|----------|
| 287685                          | T15        | 3        | 1   | OBC2012_6TCDL |             |          |
| Tamarack Roof Truss, Burlington |            |          |     |               |             |          |

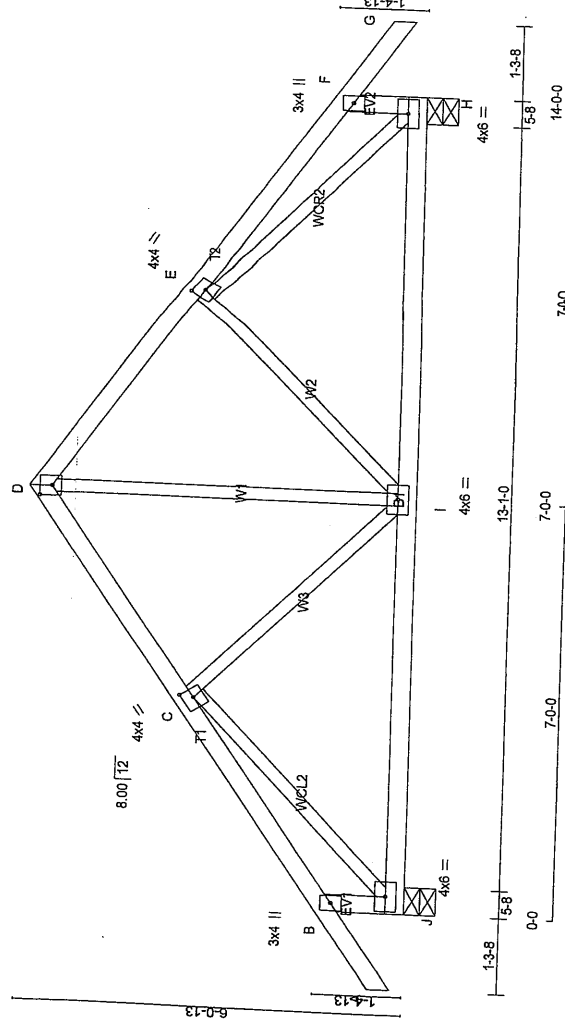
Version 8.200 S Jan 6 2018 MITek Industries, Inc. Fri Apr 6 08:12:26 2018 Page 1

ID:hVcglW8r7XqWKmK4Y2lwE4ySozE-OSq0f7knxgHZHcHgLeNEDY4MZnJrjqd0bLWzTWJ3

1-3-8 0-0 3-7-4 3-4-12 7-0-0 3-4-12 10-4-12 3-7-4 14-0-0 15-3-8 1-3-8

4x4 =

Scale = 1:35.4



| LUMBER                |   | N.L.G.A. RULES |     | CHORDS |   | SIZE |     | DRY |    | LUMBER |  | DESCR |     |
|-----------------------|---|----------------|-----|--------|---|------|-----|-----|----|--------|--|-------|-----|
| A                     | - | D              | 2x4 | D      | - | G    | 2x4 | D   | RY | No.2   |  |       | SPF |
| D                     | - | G              | 2x4 | D      | - | G    | 2x4 | D   | RY | No.2   |  |       | SPF |
| J                     | - | B              | 2x4 | J      | - | B    | 2x4 | D   | RY | No.2   |  |       | SPF |
| H                     | - | F              | 2x4 | H      | - | F    | 2x4 | D   | RY | No.2   |  |       | SPF |
| J                     | - | H              | 2x4 | J      | - | H    | 2x4 | D   | RY | No.2   |  |       | SPF |
| ALL WEBS              |   | 2x3            |     | DRY    |   |      |     |     |    | No.2   |  | SPF   |     |
| EXCEPT                |   |                |     |        |   |      |     |     |    |        |  |       |     |
| DRY: SEASONED LUMBER. |   |                |     |        |   |      |     |     |    |        |  |       |     |

**PLATES (table is in inches)**

| JT | TYPE   | PLATES | W   | LEN | Y    | X    |
|----|--------|--------|-----|-----|------|------|
| A  | TMV+p  | MT20   | 3.0 | 4.0 |      |      |
| B  | TMVW-t | MT20   | 4.0 | 4.0 | 2.00 | 1.75 |
| C  | TMVW-t | MT20   | 4.0 | 4.0 | 2.25 | 2.00 |
| D  | TMVW-t | MT20   | 4.0 | 4.0 | 2.00 | 1.75 |
| E  | TMVW-t | MT20   | 4.0 | 4.0 |      |      |
| F  | TMV+p  | MT20   | 3.0 | 4.0 |      |      |
| G  | TMVW-t | MT20   | 4.0 | 6.0 |      |      |
| H  | BMVW-t | MT20   | 4.0 | 6.0 |      |      |
| I  | BMVW-t | MT20   | 4.0 | 6.0 |      |      |
| J  | BMVW-t | MT20   | 4.0 | 6.0 |      |      |

NOTES- (1)

1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.

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

| BEARINGS |  | FACTORED       |      | MAXIMUM GROSS REACTION |       | INPUT  |     | RECORD |     |
|----------|--|----------------|------|------------------------|-------|--------|-----|--------|-----|
|          |  | GROSS REACTION | VERT | DOWN                   | HORIZ | UPLIFT | BRG | IN-SX  | BRG |
| JT       |  | 1137           | 0    | 1137                   | 0     | 0      | 5-8 | 5-8    |     |
| J        |  | 1137           | 0    | 1137                   | 0     | 0      | 5-8 | 5-8    |     |
| H        |  | 1137           | 0    | 1137                   | 0     | 0      | 5-8 | 5-8    |     |

## UNFACTORED REACTIONS

| 1ST CASE | MAX./MIN COMPONENT REACTIONS |         |         |           |       |         |       |
|----------|------------------------------|---------|---------|-----------|-------|---------|-------|
|          | COMBINED                     | SNOW    | LIVE    | PERM.LIVE | WIND  | DEAD    | SOIL  |
| JT       |                              |         |         |           |       |         |       |
| J        | 889                          | 544 / 0 | 147 / 0 | 0 / 0     | 0 / 0 | 198 / 0 | 0 / 0 |
| H        | 889                          | 544 / 0 | 147 / 0 | 0 / 0     | 0 / 0 | 198 / 0 | 0 / 0 |

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

## 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**

| CHORDS |                  | FACTORED   |           |             |                  | WEBS        |                 |                      |  |
|--------|------------------|------------|-----------|-------------|------------------|-------------|-----------------|----------------------|--|
| MEMB.  | MAX. FORCE (LBS) | VERT. LOAD | LC1 (PLF) | MAX CS (LC) | MAX UNBRG LENGTH | MEMB. FR TO | MAX FORCE (LBS) | FACTORED MAX CS (LC) |  |
| FR-TO  | 0/43             | FROM       | TO        | 0.0         | 0.0              | I-D         | 0/529           | 0.12 (1)             |  |
| A-B    | 0/25             | -112.4     | -112.4    | 0.15 (1)    | 10.00            | I-E         | -206/28         | 0.08 (1)             |  |
| B-C    | 0/25             | -112.4     | -112.4    | 0.21 (1)    | 10.00            | I-E         | -206/28         | 0.08 (1)             |  |
| C-D    | -778/0           | -112.4     | -112.4    | 0.17 (1)    | 6.25             | C-I         | -206/28         | 0.09 (1)             |  |
| D-E    | -778/0           | -112.4     | -112.4    | 0.17 (1)    | 6.25             | J-C         | -1063/0         | 0.41 (1)             |  |
| E-F    | 0/25             | -112.4     | -112.4    | 0.21 (1)    | 10.00            | E-H         | -1063/0         | 0.41 (1)             |  |
| F-G    | 0/43             | -112.4     | -112.4    | 0.15 (1)    | 10.00            | E-H         | -1063/0         | 0.41 (1)             |  |
| J-B    | -306/0           | 0.0        | 0.0       | 0.03 (1)    | 7.81             |             |                 |                      |  |
| H-F    | -306/0           | 0.0        | 0.0       | 0.03 (1)    | 7.81             |             |                 |                      |  |
| J-I    | 0/775            | -28.0      | -28.0     | 0.48 (3)    | 10.00            |             |                 |                      |  |
| H      | 0/775            | -28.0      | -28.0     | 0.48 (3)    | 10.00            |             |                 |                      |  |

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        |  | 618             | 354 | 1667  | 822 | 2284    | 1656 |

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg

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

USIMETAL= 0.38 (C) (INPUT = 1.00)

TOTAL WEIGHT = 3 X 61 = 182 lb

### DESIGN CRITERIA

| SPECIFIED LOADS |      |
|-----------------|------|
| TOP CH.         | LL = |
|                 | DL = |
| BOT CH.         | LL = |
|                 | DL = |
| TOTAL LOAD      | =    |

SPACING = 24.0 IN. C/C

THIS TRUSS IS DESIGNED FOR RESIDENTIAL  
OR SMALL BUILDING REQUIREMENTS OF  
PART 9, NBCC 2010

THIS DESIGN COMPLIES WITH:

· PART 9 OF OBC 2012 , BCBC 2012 , ABC 201  
CSA 086-09  
TPIC 2011

55% OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. (RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL.(LL) =  $L/360$  (0.47")

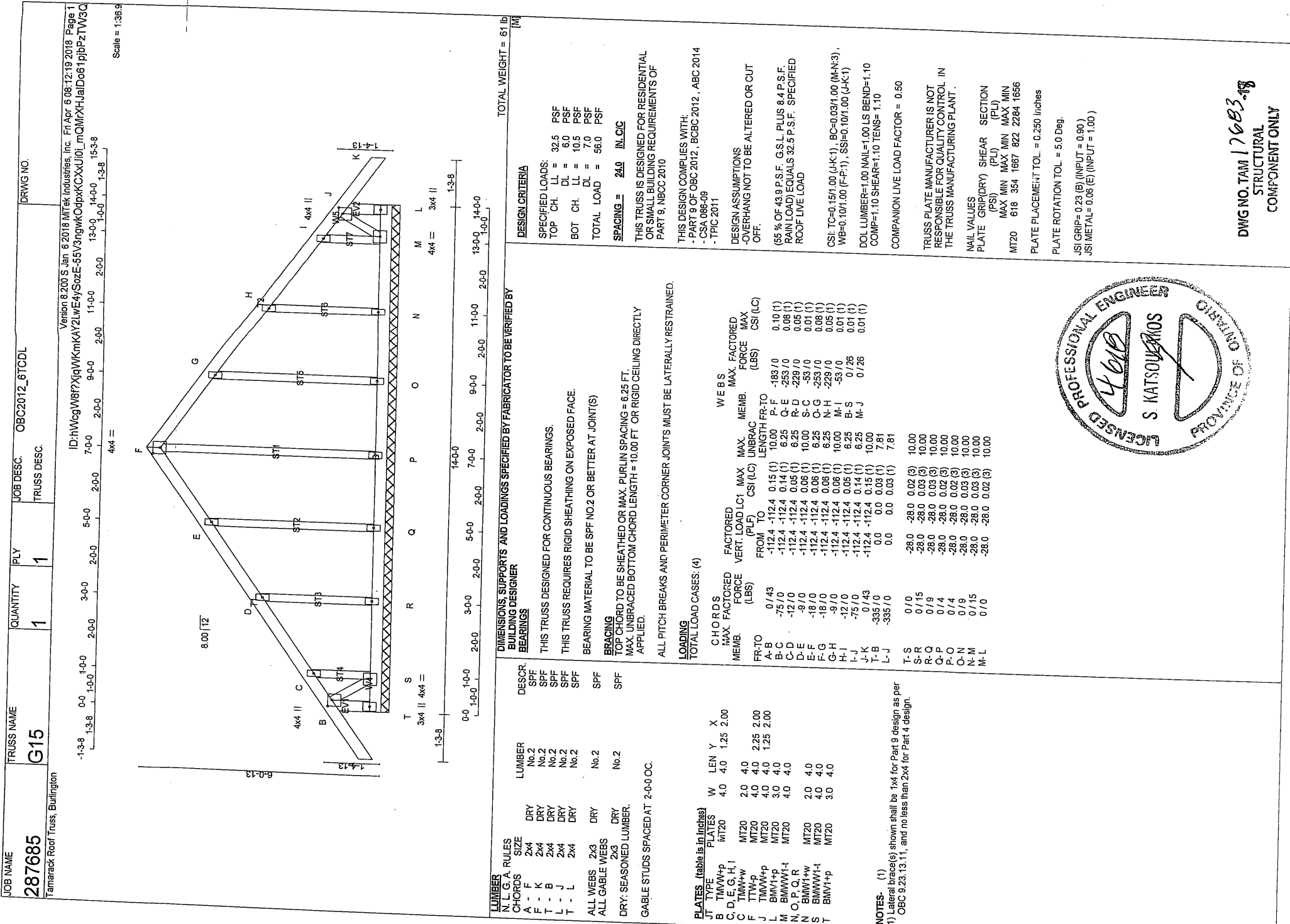
ALLOWABLE DEFL.(IN) = L/360 (0.47")  
CALCULATED VERT. DEFL.(TL) = L/999 (0.12")

SSI: TC=0.21/1.00 (B-C:1), BC=0.48/1.00 (I-J:3),  
VB=0.41/1.00 (C-J:1), SSI=0.18/1.00 (I-J:3)

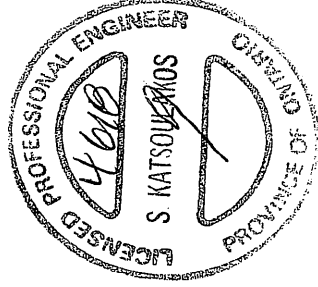
OL LUMBER=1.00 NAIL=1.00 LS BEND=1.10  
OMP=1.10 SHEAR=1.10 TENS=1.10

COMPANION LIVE LOAD FACTOR = 0.50

RUSS PLATE MANUFACTURER IS NOT



DWG NO. TAM 17683-18  
STRUCTURAL  
COMPONENT ONLY



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

THIS TRUSS DESIGNED FOR CONTINUOUS BEARINGS.

THIS TRUSS REQUIRES RIGID SHEATHING ON EXPOSED FACE.

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

**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 MEMB. (LBS) | FACTORED VERT. LOAD (PLF) |         | MAX. UNBRACED LENGTH (FT) | MEMB. FORCE (LBS) | WEBS | MAX. FACTORED FORCE (LBS) | CS (LC)  |
|--------|---------------------------|---------------------------|---------|---------------------------|-------------------|------|---------------------------|----------|
|        |                           | FROM TO                   | CS (LC) |                           |                   |      |                           |          |
| FR-TO  | 0/43                      | -112.4                    | -112.4  | 0.15 (1)                  | 10.00             | P-F  | -183/0                    | 0.10 (1) |
| A-B    | -75/0                     | -112.4                    | -112.4  | 0.14 (1)                  | 6.25              | Q-E  | -253/0                    | 0.08 (1) |
| B-C    | -12/0                     | -112.4                    | -112.4  | 0.05 (1)                  | 6.25              | R-D  | -229/0                    | 0.05 (1) |
| C-D    | -9/0                      | -112.4                    | -112.4  | 0.06 (1)                  | 10.00             | S-C  | -53/0                     | 0.01 (1) |
| D-E    | -18/0                     | -112.4                    | -112.4  | 0.06 (1)                  | 6.25              | O-G  | -253/0                    | 0.08 (1) |
| E-F    | -9/0                      | -112.4                    | -112.4  | 0.06 (1)                  | 6.25              | N-H  | -229/0                    | 0.05 (1) |
| F-G    | -12/0                     | -112.4                    | -112.4  | 0.05 (1)                  | 10.00             | M-I  | -53/0                     | 0.01 (1) |
| G-H    | -9/0                      | -112.4                    | -112.4  | 0.06 (1)                  | 6.25              | B-S  | 0/26                      | 0.01 (1) |
| H-I    | -12/0                     | -112.4                    | -112.4  | 0.05 (1)                  | 6.25              | M-J  | 0/26                      | 0.01 (1) |
| I-J    | -75/0                     | -112.4                    | -112.4  | 0.14 (1)                  | 10.00             |      |                           |          |
| J-K    | 0/43                      | -112.4                    | -112.4  | 0.15 (1)                  | 10.00             |      |                           |          |
| T-B    | -335/0                    | 0.0                       | 0.0     | 0.03 (1)                  | 7.81              |      |                           |          |
| L-J    | -335/0                    | 0.0                       | 0.0     | 0.03 (1)                  | 7.81              |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
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|        |                           |                           |         |                           |                   |      |                           |          |
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|        |                           |                           |         |                           |                   |      |                           |          |
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|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
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|        |                           |                           |         |                           |                   |      |                           |          |
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|        |                           |                           |         |                           |                   |      |                           |          |
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|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
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|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
|        |                           |                           |         |                           |                   |      |                           |          |
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|        |                           |                           |         |                           |                   |      |                           |          |
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|        |                           |                           |         |                           |                   |      |                           |          |
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|        |                           |                           |         |                           |                   |      |                           |          |
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|        |                           |                           |         |                           |                   |      |                           |          |
| </     |                           |                           |         |                           |                   |      |                           |          |

**NOTES:** (1)  
1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.



| JOB NAME | TRUSS NAME | QUANTITY | PLY | JOB DESC.   | OBC2012_6TCDL | DRWG NO. |
|----------|------------|----------|-----|-------------|---------------|----------|
| 287685   | T17        | 3        | 1   | TRUSS DESC. |               |          |

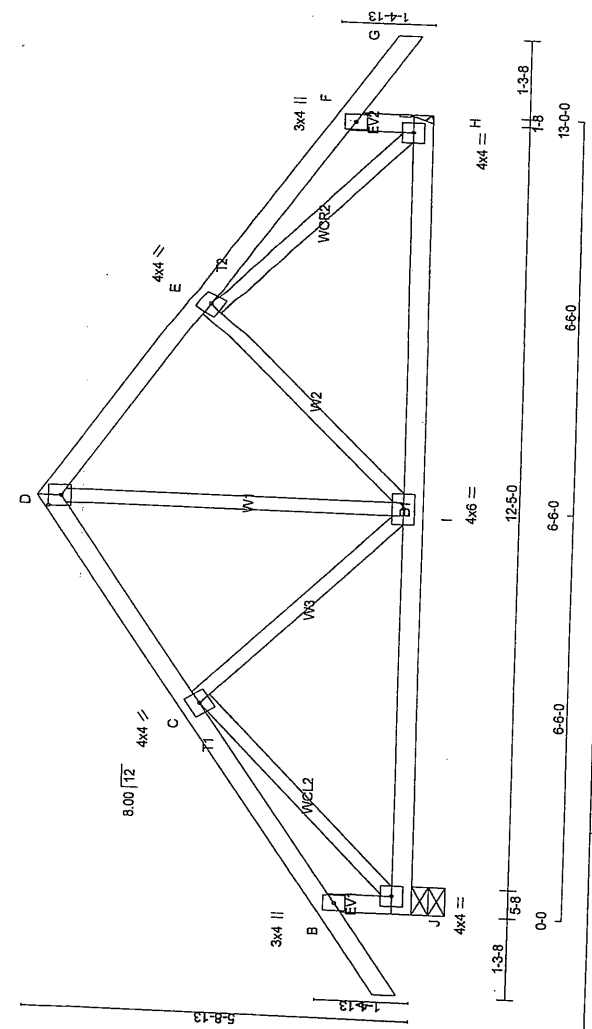
Tamarack Roof Truss, Burlington

Version 8.200 S.Ian 6 2018 MITek Industries, Inc. Fri Apr 6 08:12:26 2018 Page 1  
 ID:hWcgWbf?XiqWKmkAY2lwE4ySozE-OSQIF407knixghZHOgelntEDZamaqjsNqdoblWwzTW3J

Scale = 1:34.5

TOTAL WEIGHT = 3 X 57 = 170 lb

| LUMBER                     | DESCR | DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER | DESIGN COMMENTS |
|----------------------------|-------|-----------------------------------------------------------------------------------------------|-----------------|
| N.L.G.A. RULES CHORDS SIZE |       |                                                                                               |                 |



| N.I.G.A. RULES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |          |        |     | CHORDS |      |      |  | LUMBER |  |  |  | DESCR. |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|--------|-----|--------|------|------|--|--------|--|--|--|--------|--|--|--|-------|------|--------|---|-----|---|---|---|-------|------|-----|-----|--|--|---|-------|------|-----|-----|--|--|---|-------|------|-----|-----|--|--|---|-------|------|-----|-----|------|------|---|-------|------|-----|-----|--|--|---|-------|------|-----|-----|--|--|---|---------|------|-----|-----|--|--|---|----------|------|-----|-----|--|--|---|---------|------|-----|-----|--|--|
| SIZE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |          |        |     | DRY    |      |      |  | LUMBER |  |  |  | SPF    |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| A - D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |        |     | 2x4    |      |      |  | No.2   |  |  |  | SPF    |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| J - G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |        |     | 2x4    |      |      |  | No.2   |  |  |  | SPF    |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| H - F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |        |     | 2x4    |      |      |  | No.2   |  |  |  | SPF    |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| J - H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |        |     | 2x4    |      |      |  | No.2   |  |  |  | SPF    |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| ALL WEBS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |          |        |     | 2x3    |      |      |  | No.2   |  |  |  | SPF    |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| EXCEPT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |          |        |     |        |      |      |  |        |  |  |  |        |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| DRY: SEASONED LUMBER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |          |        |     |        |      |      |  |        |  |  |  |        |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| <p>PLATES (table is in inches)</p> <table border="1"> <thead> <tr> <th>PLATE</th> <th>TYPE</th> <th>PLATES</th> <th>W</th> <th>LEN</th> <th>Y</th> <th>X</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>TMW+p</td> <td>MT20</td> <td>3.0</td> <td>4.0</td> <td></td> <td></td> </tr> <tr> <td>B</td> <td>TMW-w</td> <td>MT20</td> <td>4.0</td> <td>4.0</td> <td></td> <td></td> </tr> <tr> <td>C</td> <td>TMW-w</td> <td>MT20</td> <td>4.0</td> <td>4.0</td> <td></td> <td></td> </tr> <tr> <td>D</td> <td>TMW-p</td> <td>MT20</td> <td>4.0</td> <td>4.0</td> <td>2.25</td> <td>2.00</td> </tr> <tr> <td>E</td> <td>TMW-w</td> <td>MT20</td> <td>4.0</td> <td>4.0</td> <td></td> <td></td> </tr> <tr> <td>F</td> <td>TMW-p</td> <td>MT20</td> <td>3.0</td> <td>4.0</td> <td></td> <td></td> </tr> <tr> <td>G</td> <td>BMWV1-t</td> <td>MT20</td> <td>4.0</td> <td>4.0</td> <td></td> <td></td> </tr> <tr> <td>H</td> <td>BMWVW1-t</td> <td>MT20</td> <td>4.0</td> <td>6.0</td> <td></td> <td></td> </tr> <tr> <td>I</td> <td>BMWV1-t</td> <td>MT20</td> <td>4.0</td> <td>4.0</td> <td></td> <td></td> </tr> </tbody> </table> |          |        |     |        |      |      |  |        |  |  |  |        |  |  |  | PLATE | TYPE | PLATES | W | LEN | Y | X | A | TMW+p | MT20 | 3.0 | 4.0 |  |  | B | TMW-w | MT20 | 4.0 | 4.0 |  |  | C | TMW-w | MT20 | 4.0 | 4.0 |  |  | D | TMW-p | MT20 | 4.0 | 4.0 | 2.25 | 2.00 | E | TMW-w | MT20 | 4.0 | 4.0 |  |  | F | TMW-p | MT20 | 3.0 | 4.0 |  |  | G | BMWV1-t | MT20 | 4.0 | 4.0 |  |  | H | BMWVW1-t | MT20 | 4.0 | 6.0 |  |  | I | BMWV1-t | MT20 | 4.0 | 4.0 |  |  |
| PLATE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | TYPE     | PLATES | W   | LEN    | Y    | X    |  |        |  |  |  |        |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TMW+p    | MT20   | 3.0 | 4.0    |      |      |  |        |  |  |  |        |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| B                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TMW-w    | MT20   | 4.0 | 4.0    |      |      |  |        |  |  |  |        |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TMW-w    | MT20   | 4.0 | 4.0    |      |      |  |        |  |  |  |        |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TMW-p    | MT20   | 4.0 | 4.0    | 2.25 | 2.00 |  |        |  |  |  |        |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TMW-w    | MT20   | 4.0 | 4.0    |      |      |  |        |  |  |  |        |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | TMW-p    | MT20   | 3.0 | 4.0    |      |      |  |        |  |  |  |        |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | BMWV1-t  | MT20   | 4.0 | 4.0    |      |      |  |        |  |  |  |        |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | BMWVW1-t | MT20   | 4.0 | 6.0    |      |      |  |        |  |  |  |        |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | BMWV1-t  | MT20   | 4.0 | 4.0    |      |      |  |        |  |  |  |        |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |
| <p>NOTES: (1)</p> <p>Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |          |        |     |        |      |      |  |        |  |  |  |        |  |  |  |       |      |        |   |     |   |   |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |       |      |     |     |      |      |   |       |      |     |     |  |  |   |       |      |     |     |  |  |   |         |      |     |     |  |  |   |          |      |     |     |  |  |   |         |      |     |     |  |  |

**NOTES- (1)**  
1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.

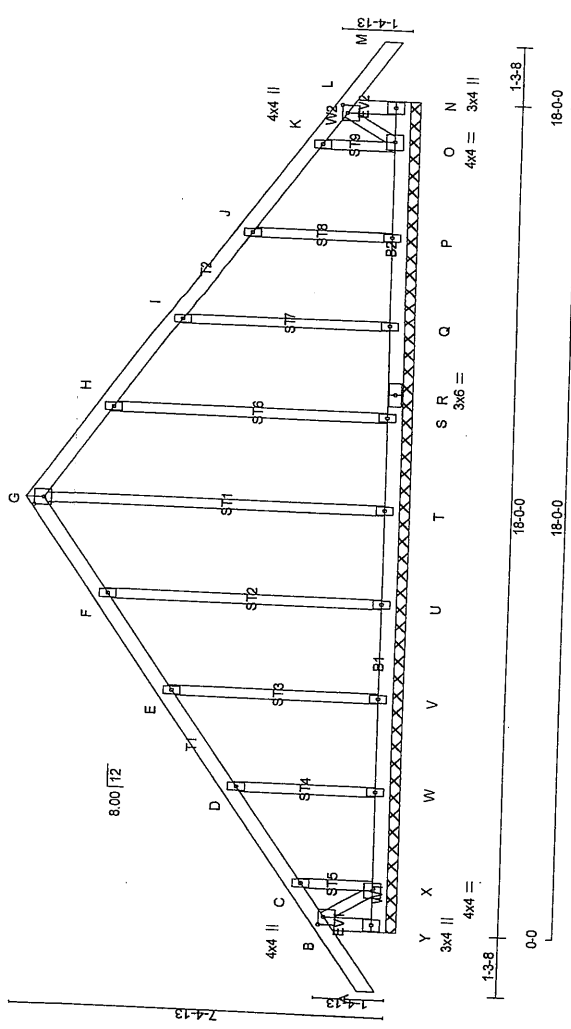
[illegible]

| LUMBER                                                                                                                                                                                                                                                                     |  |  |  |  |  | N.L.G.A. RULES                |  |  |  |  |  |  | DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER |  |  |  |  |  |  |  | TOTAL WEIGHT = 3 X 80 = 240 LB |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|-------------------------------|--|--|--|--|--|--|-----------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--------------------------------|--|
| CHORDS                                                                                                                                                                                                                                                                     |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  | [IN] [FT]                      |  |
| DESIGN CRITERIA                                                                                                                                                                                                                                                            |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| SPECIFIED LOADS:                                                                                                                                                                                                                                                           |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| TOP CH.                                                                                                                                                                                                                                                                    |  |  |  |  |  | LL = 32.5 PSF                 |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| BOT CH.                                                                                                                                                                                                                                                                    |  |  |  |  |  | LL = 10.5 PSF                 |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| TOTAL LOAD                                                                                                                                                                                                                                                                 |  |  |  |  |  | = 56.0 PSF                    |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| SPACING = 24.0 IN./C/C                                                                                                                                                                                                                                                     |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCO 2010                                                                                                                                                                                 |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| THIS DESIGN COMPLIES WITH:                                                                                                                                                                                                                                                 |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| - PART 9 OF OBC 2012 , CBC 2012 , ABC 2014                                                                                                                                                                                                                                 |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| - CSA 086.09                                                                                                                                                                                                                                                               |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| - TPIC 2011                                                                                                                                                                                                                                                                |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| DESIGN ASSUMPTIONS                                                                                                                                                                                                                                                         |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| - OVERHANG NOT TO BE ALTERED OR CUT OFF.                                                                                                                                                                                                                                   |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| (55 % OF 43.9 P.S.F. G.S.I. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD                                                                                                                                                                         |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| ALLOWABLE DEFLECTION (LL)= L/360 (0.60") CALCULATED VERT. DEFLECTION (LL)= L/999 (0.11") ALLOWABLE DEFLECTION (TL)= L/360 (0.60") CALCULATED VERT. DEFLECTION (TL)= L/999 (0.19") CSI: TC=0.24x1.00 (FG-1), BC=0.60x1.00 (LM-2), WB=0.36x1.00 (HL-1), SS=0.19x1.00 (M-N-3) |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| DOI LUMBER=1.00 NAIL=1.00 LS BEND=1.10 COMP=1.10 SHEAR=1.10 TENS=1.10 COMPANION LIVE LOAD FACTOR = 0.50 AUTOSOLVE RIGHT WHEEL ONLY                                                                                                                                         |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| UNFACTORED REACTIONS                                                                                                                                                                                                                                                       |  |  |  |  |  | MAX./MIN. COMPONENT REACTIONS |  |  |  |  |  |  | W E B S                                                                                       |  |  |  |  |  |  |  |                                |  |
| 1ST LOOSE                                                                                                                                                                                                                                                                  |  |  |  |  |  | LIVE PERM/LIVE                |  |  |  |  |  |  | MEMB.                                                                                         |  |  |  |  |  |  |  |                                |  |
| JT COMBINED SNOW                                                                                                                                                                                                                                                           |  |  |  |  |  | 0/0 0/0 0/0                   |  |  |  |  |  |  | FORCE MAX                                                                                     |  |  |  |  |  |  |  |                                |  |
| JT 1024                                                                                                                                                                                                                                                                    |  |  |  |  |  | 201/0 0/0 0/0                 |  |  |  |  |  |  | FACTORED                                                                                      |  |  |  |  |  |  |  |                                |  |
| P 1119                                                                                                                                                                                                                                                                     |  |  |  |  |  | 190/0 0/0 0/0                 |  |  |  |  |  |  | LBS                                                                                           |  |  |  |  |  |  |  |                                |  |
| BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) P                                                                                                                                                                                                                    |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| BRACING                                                                                                                                                                                                                                                                    |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 4.64 FT.                                                                                                                                                                                                                 |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| MAX. UNBRACED BOTTOM CHORD LENGTH = 7.81 FT. OR RIGID CEILING DIRECTLY APPLIED.                                                                                                                                                                                            |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| MAX. UNBRACED INTERIOR CHORD LENGTH = 7.81 FT                                                                                                                                                                                                                              |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE LATEROALLY RESTRAINED.                                                                                                                                                                                                |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| LOADING                                                                                                                                                                                                                                                                    |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| TOTAL LOAD CASES: (4)                                                                                                                                                                                                                                                      |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| CHORDS                                                                                                                                                                                                                                                                     |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| MEMB.                                                                                                                                                                                                                                                                      |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| FR-TO                                                                                                                                                                                                                                                                      |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| A-B                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| B-C                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| C-D                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| D-E                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| E-F                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| F-G                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| G-H                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| H-I                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| I-J                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| J-K                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| K-L                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| L-M                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| M-N                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| N-O                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| O-P                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| P-Q                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| Q-R                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| R-S                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| S-T                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| T-U                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| U-V                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| V-W                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| W-X                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| X-Y                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| Y-Z                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| Z-A                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| A-B                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| B-C                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| C-D                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| D-E                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| E-F                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| F-G                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| G-H                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| H-I                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| I-J                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| J-K                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| K-L                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| L-M                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| M-N                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| N-O                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| O-P                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| P-Q                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| Q-R                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| R-S                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| S-T                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| T-U                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| U-V                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| V-W                                                                                                                                                                                                                                                                        |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |
| W                                                                                                                                                                                                                                                                          |  |  |  |  |  |                               |  |  |  |  |  |  |                                                                                               |  |  |  |  |  |  |  |                                |  |

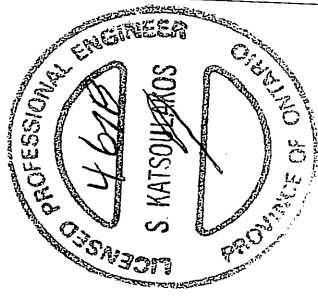
|                                                                                                                                                       |                                                                                                                                                                             |                                                                                                                                                                                                                                                                                      |                                                                           |                                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                              |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|
| <p>NOTES: (1)<br/>           Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.</p> | <p>P-O 0.171<br/>           O-N 0.137<br/>           N-C -203.10<br/>           N-M 0.11325<br/>           M-L 0.11341<br/>           K-J 0.10<br/>           J-I 0.174</p> | <p>-28.0 -28.0 0.03 (2) 10.00<br/>           0.0 0.0 0.10 (1) 10.00<br/>           0.0 0.0 0.07 (1) 7.81<br/>           -28.0 -28.0 0.60 (2) 10.00<br/>           -28.0 -28.0 0.60 (2) 10.00<br/>           -28.0 -28.0 0.01 (3) 10.00<br/>           -28.0 -28.0 0.03 (2) 10.00</p> | <p>W-F -318 / 0<br/>           N-D 0 / 265<br/>           F-L 0 / 393</p> | <p>0.23 (1)<br/>           0.06 (1)<br/>           0.09 (1)</p> | <p>TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.</p> <p>NAIL VALUES</p> <p>PLATE GRIP(DRY) 3SHEAR SECTION (PLI) (PSI)</p> <p>MAX MIN MAX MIN</p> <p>MT20 618 354 1687 822 2284 1656</p> <p>PLATE PLACEMENT TOL = 0.250 inches</p> <p>PLATE ROTATION TOL = 5.0 Deg.</p> <p>JSI GRIP= 0.86 (B) (INPUT = 0.90 )</p> <p>JSI METAL= 0.39 (B) (INPUT = 1.00 )</p> | <p>DWG NO. TAM 17680-88</p> <p>STRUCTURAL COMPONENT ONLY</p> |
|-------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|



|                                                                                  |                          |                      |                 |                            |          |
|----------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|----------------------------|----------|
| JOB NAME<br><b>287685</b><br>Tamarack Roof Truss, Burlington                     | TRUSS NAME<br><b>G18</b> | QUANTITY<br><b>1</b> | PLY<br><b>1</b> | JOB DESC.<br>OBC2012_6TCDL | DRWG NO. |
| Version 8.200 5 Jan 6 2018 Mitek Industries, Inc. Fri Apr 5 08:12:20 2018 Page 1 |                          |                      |                 |                            |          |
| ID:HWgW8r7XjqWkMkAY2lwE4ySozE-Zl9R_dxM9xxoM572PXXzXaxcVJBPyLhZH8szTW3P           |                          |                      |                 |                            |          |
| Scale = 1:48.0                                                                   |                          |                      |                 |                            |          |



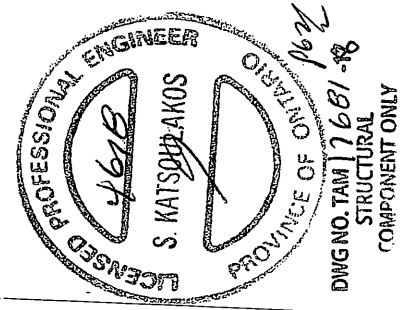
| LUMBER                           |        |      |     | DESIGN CRITERIA                                                                                   |    |     |      |
|----------------------------------|--------|------|-----|---------------------------------------------------------------------------------------------------|----|-----|------|
| N.G.A. RULES                     | CHORDS | SIZE | DRY | CH                                                                                                | LL | PSF |      |
| Y - B                            | 2x4    | 2x4  | DRY | TOP                                                                                               | CH | LL  | 32.5 |
| A - G                            | 2x4    | 2x4  | DRY | BOT                                                                                               | CH | LL  | 6.0  |
| G - M                            | 2x4    | 2x4  | DRY |                                                                                                   |    |     | 10.5 |
| N - L                            | 2x4    | 2x4  | DRY |                                                                                                   |    |     | 7.0  |
| Y - R                            | 2x4    | 2x4  | DRY |                                                                                                   |    |     | 56.0 |
| R - N                            | 2x4    | 2x4  | DRY |                                                                                                   |    |     |      |
| ALL WEBS                         | 2x3    | 2x3  | DRY |                                                                                                   |    |     |      |
| ALL GABLE WEBS                   | 2x3    | 2x3  | DRY |                                                                                                   |    |     |      |
| DRY: SEASONED LUMBER             |        |      |     |                                                                                                   |    |     |      |
| GABLE STUDS SPACED AT 2'-0" O.C. |        |      |     |                                                                                                   |    |     |      |
| TOTAL WEIGHT = 81 lb             |        |      |     | DESIGN CRITERIA                                                                                   |    |     |      |
| SPECIFIED LOADS:                 |        |      |     | THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBC 2010         |    |     |      |
| TOP CH                           |        |      |     | THIS DESIGN COMPLIES WITH:                                                                        |    |     |      |
| BOT CH                           |        |      |     | - PART 9 OF OBC 2012, BCBC 2012, ABC 2014                                                         |    |     |      |
| TOTAL LOAD                       |        |      |     | - CSA 086-09                                                                                      |    |     |      |
|                                  |        |      |     | - TPIC 2011                                                                                       |    |     |      |
|                                  |        |      |     | DESIGN ASSUMPTIONS                                                                                |    |     |      |
|                                  |        |      |     | - OVERHANG NOT TO BE ALTERED OR CUT OFF.                                                          |    |     |      |
|                                  |        |      |     | (55% OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD |    |     |      |
|                                  |        |      |     | CSI: TC=0.15/1.00 (L-M:1), BC=0.03/1.00 (W-X:3)                                                   |    |     |      |
|                                  |        |      |     | , WB=0.17/1.00 (G-1:1), SS=0.10/1.00 (L-M: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 = 0.50                                                                 |    |     |      |
|                                  |        |      |     | TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT. |    |     |      |
|                                  |        |      |     | NAIL VALUES                                                                                       |    |     |      |
|                                  |        |      |     | PLATE GRIP(DRY) SHEAR SECTION (PLI)                                                               |    |     |      |
|                                  |        |      |     | MAX MIN MAX MIN MAX MIN                                                                           |    |     |      |
|                                  |        |      |     | MT20 618 354 1667 822 2284 1656                                                                   |    |     |      |
|                                  |        |      |     | PLATE PLACEMENT TOL = 0.250 inches                                                                |    |     |      |
|                                  |        |      |     | PLATE ROTATION TOL = 5.0 Deg.                                                                     |    |     |      |
|                                  |        |      |     | JST GRIP= 0.46 (X) (INPUT = 0.90)                                                                 |    |     |      |
|                                  |        |      |     | JST METAL= 0.06 (H) (INPUT = 1.00)                                                                |    |     |      |



DWG NO. TAM17685-18  
STRUCTURAL  
COMPONENT ONLY



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |  |                           |  |                      |                 |                            |             |          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|--|----------------------|-----------------|----------------------------|-------------|----------|
| JOB NAME<br><b>287685</b><br>Tamarack Roof Truss, Burlington                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |  | TRUSS NAME<br><b>T19X</b> |  | QUANTITY<br><b>1</b> | PLY<br><b>2</b> | JOB DESC.<br>OBC2012_6TCDL | TRUSS DESC. | DRWG NO. |
| Version 8:200 S Jan 6 2018 MITek Industries, Inc. Fri Apr 6 08:12:27 2018 Page 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                           |  |                      |                 |                            |             |          |
| ID:hWcgW8r?XqWkntkAY2LwE4ySozE-se 5SP0V5qoHQ8TyN9aJSlmMv2SIE_vH9vzTW3J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                           |  |                      |                 |                            |             |          |
| <div><div><div><b>HANGERS NOTES</b></div><div>1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 135.3 lbs FACTORED DOWN AT 16-10-4, AND 593.2 lbs FACTORED DOWN AT 18-11-0 ON TOP CHORD, AND 2408.5 lbs FACTORED DOWN AT 15-9-0, 71.7 lbs FACTORED DOWN AT 18-10-4, 71.7 lbs FACTORED DOWN AT 20-10-4, AND 71.7 lbs FACTORED DOWN AT 22-10-4 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.</div></div><div><div><b>NOTES:</b></div><div>(1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.</div></div></div> |  |                           |  |                      |                 |                            |             |          |





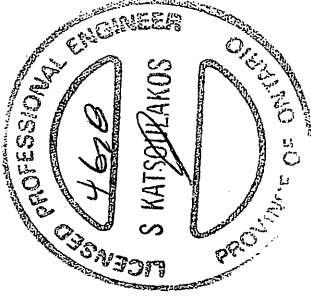
|                                 |            |          |     |               |          |
|---------------------------------|------------|----------|-----|---------------|----------|
| JOB NAME                        | TRUSS NAME | QUANTITY | PLY | JOB DESC.     | DRWG NO. |
| 296552                          | T21        | 1        | 2   | OBC2012_6TCDL |          |
| Tamarack Roof Truss, Burlington |            |          |     |               |          |

Version 8.200 S Jan 6 2018 MITek Industries, Inc. Fri Apr 6 08:17:52 2018 Page 2  
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**HANGERS NOTES**  
1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 162.3 lbs FACTORED DOWN AT 4-11-4, 135.3 lbs FACTORED DOWN AT 6-9-4, AND 135.3 lbs FACTORED DOWN AT 8-9-4, AND 135.3 lbs FACTORED DOWN AT 10-9-4 ON TOP CHORD, AND 73.3 lbs FACTORED DOWN AT 11-4, 71.7 lbs FACTORED DOWN AT 2-11-4, 71.7 lbs FACTORED DOWN AT 4-11-4, 71.7 lbs FACTORED DOWN AT 6-9-4, 71.7 lbs FACTORED DOWN AT 8-9-4, AND 71.7 lbs FACTORED DOWN AT 10-9-4, AND 2122.3 lbs CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.

| FACTORED CONCENTRATED LOADS (LBS) |        |       |           |
|-----------------------------------|--------|-------|-----------|
| JT                                | LOC.   | LC1   | MAX+ MAX- |
| Z                                 | 6-9-4  | -41   | -72       |
| AA                                | 8-9-4  | -41   | -72       |
| AB                                | 10-9-4 | -41   | -72       |
| AC                                | 12-4-8 | -2122 | -2122     |

| FACE  |      |      |       |
|-------|------|------|-------|
| FRONT | VERT | DIR. | TYPE  |
| FRONT | VERT | VERT | TOTAL |
| FRONT | VERT | VERT | TOTAL |
| FRONT | VERT | VERT | TOTAL |



per  
DWG NO. TAM 17716-18  
STRUCTURAL  
COMPONENT ONLY



|                                                              |                           |                      |                 |                            |          |
|--------------------------------------------------------------|---------------------------|----------------------|-----------------|----------------------------|----------|
| JOB NAME<br><b>287686</b><br>Tamarack Roof Truss, Burlington | TRUSS NAME<br><b>T21S</b> | QUANTITY<br><b>1</b> | PLY<br><b>2</b> | JOB DESC.<br>OBC2012_6TCDL | DRWG NO. |
|--------------------------------------------------------------|---------------------------|----------------------|-----------------|----------------------------|----------|

Version 8.200 S Jan 6 2018 MITek Industries, Inc. Fri Apr 6 08:16:55 2018 Page 2  
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| PLATES (table is in inches) |         |        |     | FACTORED CONCENTRATED LOADS (LBS) |      |      |        | FACE  |      |      |       | TYPE  |      |       |  |
|-----------------------------|---------|--------|-----|-----------------------------------|------|------|--------|-------|------|------|-------|-------|------|-------|--|
| JT                          | TYPE    | PLATES | W   | LEN                               | Y    | X    | LOC.   | LCI   | MAX- | MAX+ | DIR.  | FACE  | DIR. | TYPE  |  |
| JT                          | TMWV+p  | MT20   | 4.0 | 6.0                               |      |      | 4-5-0  | -48   |      |      | FRONT | FRONT | VERT | DEAD  |  |
| K                           | TMWV-l  | MT20   | 5.0 | 8.0                               | 2.50 | 3.25 | 4-5-0  | -308  |      |      | FRONT | FRONT | VERT | SNOW  |  |
| M                           | BMWV-l  | MT20   | 5.0 | 6.0                               |      |      | 4-11-4 | -162  |      |      | FRONT | FRONT | VERT | TOTAL |  |
| N                           | BMWV+p  | MT20   | 3.0 | 6.0                               |      |      | 8-9-4  | -135  |      |      | FRONT | FRONT | VERT | TOTAL |  |
| O                           | BMWVW-l | MT20   | 6.0 | 12.0                              | 1.75 | 7.75 | 8-9-4  | -135  |      |      | FRONT | FRONT | VERT | TOTAL |  |
| P                           | BMWVH-l | MT20   | 4.0 | 6.0                               |      |      | 10-9-4 | -135  |      |      | FRONT | FRONT | VERT | TOTAL |  |
| Q                           | BMWVH-l | MT20   | 4.0 | 6.0                               | 2.75 | 2.00 | 11-4   | -42   |      |      | FRONT | FRONT | VERT | TOTAL |  |
| R                           | BMWVW-l | MT20   | 5.0 | 6.0                               |      |      | 2-11-4 | -41   |      |      | FRONT | FRONT | VERT | TOTAL |  |
| S                           | BMWVH-l | MT20   | 3.0 | 6.0                               |      |      | 6-9-4  | -41   |      |      | FRONT | FRONT | VERT | TOTAL |  |
| T                           | BMV+p   | MT20   | 3.0 | 6.0                               |      |      | 10-9-4 | -41   |      |      | FRONT | FRONT | VERT | TOTAL |  |
| U                           | BMWVW-l | MT20   | 5.0 | 6.0                               | 2.50 | 2.75 | 12-4-8 | -2123 |      |      | FRONT | FRONT | VERT | TOTAL |  |
| V                           | BMWVH-l | MT20   | 3.0 | 6.0                               |      |      |        |       |      |      | FRONT | FRONT | VERT | TOTAL |  |
| W                           | BMV1+p  | MT20   | 3.0 | 6.0                               |      |      |        |       |      |      | FRONT | FRONT | VERT | TOTAL |  |

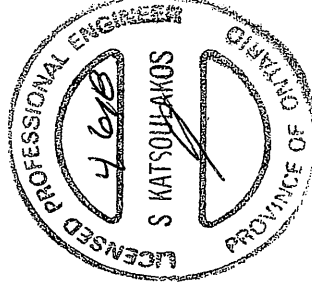
Edge - INDICATES REFERENCE CORNER OF PLATE  
TOUCHES EDGE OF CHORD.

**HANGERS NOTES**

- SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 162.3 lbs FACTORED DOWN AT 4-11-4, 135.3 lbs FACTORED DOWN AT 6-9-4, 135.3 lbs FACTORED DOWN AT 8-9-4, AND 135.3 lbs FACTORED DOWN AT 10-9-4, AND 355.0 lbs FACTORED DOWN AT 4-5-0 ON TOP CHORD, AND 73.3 lbs FACTORED DOWN AT 11-4, 71.7 lbs FACTORED DOWN AT 2-11-4, 71.7 lbs FACTORED DOWN AT 4-11-4, 71.7 lbs FACTORED DOWN AT 6-9-4, 71.7 lbs FACTORED DOWN AT 8-9-4, AND 71.7 lbs FACTORED DOWN AT 10-9-4, AND 212.5 lbs FACTORED DOWN AT 12-4-8 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.

**NOTES:**

- (1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.

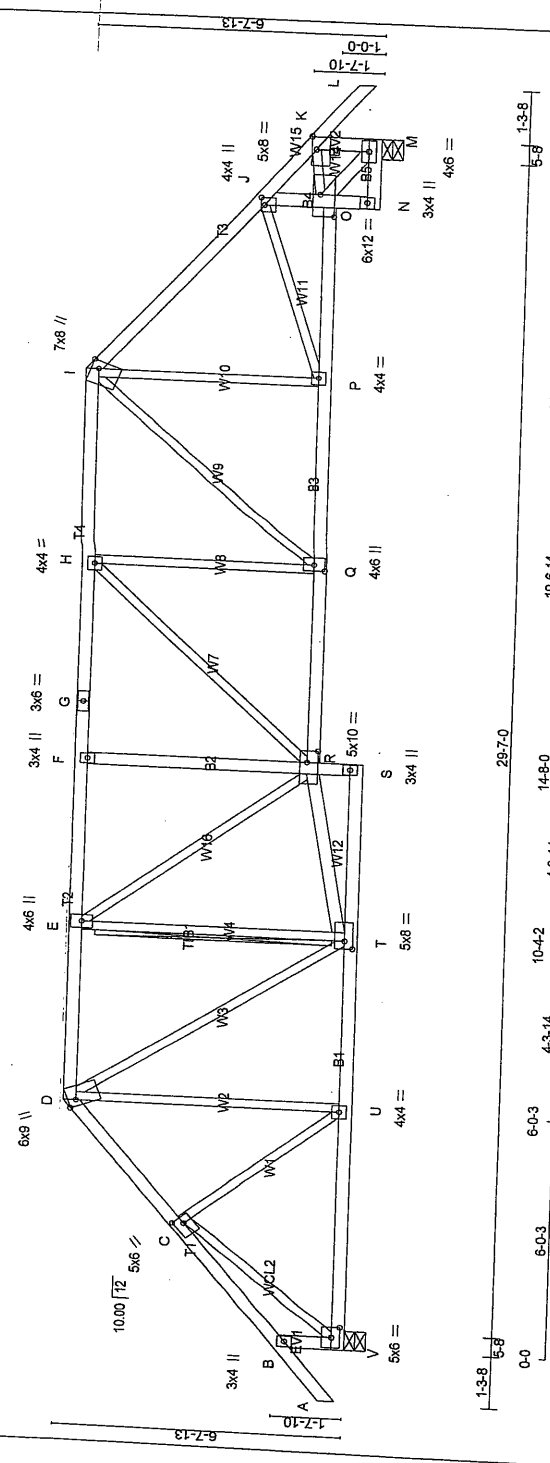


per

DWG NO. TAM 176P-18  
STRUCTURAL  
COMPONENT ONLY

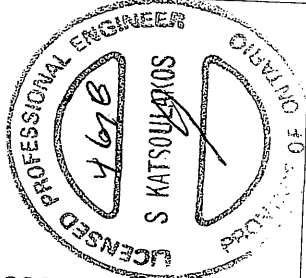


|                                                                                   |                           |                      |                 |                                   |          |
|-----------------------------------------------------------------------------------|---------------------------|----------------------|-----------------|-----------------------------------|----------|
| JOB NAME<br><b>287686</b>                                                         | TRUSS NAME<br><b>T22S</b> | QUANTITY<br><b>1</b> | PLY<br><b>1</b> | JOB DESC.<br><b>OBC2012_8TCDL</b> | DRWG NO. |
| Tamarack Roof Truss, Burlington                                                   |                           |                      |                 |                                   |          |
| Version 8.200 S Jan. 6 2018 Mitek Industries, Inc. Fri Apr 6 08:16:56 2018 Page 1 |                           |                      |                 |                                   |          |
| ID:YnVYwT4htdgpV1t0_xp4ySof?J0KvYU9Uk3mCACNUlgAPBvCh2_q7aocQuqsZTW7E              |                           |                      |                 |                                   |          |
| -13-8 00                                                                          | 3-1-6                     | 3-1-6                | 2-10-14         | 6-0-3                             | 4-3-14   |
| -13-8 00                                                                          | 3-1-6                     | 3-1-6                | 2-10-14         | 6-0-3                             | 4-3-14   |
| 10-4-2                                                                            | 4-3-14                    | 10-4-2               | 4-3-14          | 14-8-0                            | 4-3-14   |
| 4-10-14                                                                           | 19-6-14                   | 4-10-14              | 19-6-14         | 4-10-14                           | 4-10-14  |
| 24-5-13                                                                           | 4-4-3                     | 30-2-8 90-5-0 31-9-8 | 1-4-8 3-8 1-3-8 | 4-4-3                             | 4-4-3    |
| Scale = 1:53.6                                                                    |                           |                      |                 |                                   |          |



| DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER                                                                        |               |                |                  |       |        |         |          |               |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------|----------------|------------------|-------|--------|---------|----------|---------------|-------|
| BEARINGS                                                                                                                                                             |               |                |                  |       |        |         |          |               |       |
| DESCR.                                                                                                                                                               | FACTORED      | GROSS REACTION | MAXIMUM FACTORED | INPUT | REQD   |         |          |               |       |
| JT                                                                                                                                                                   | VERT          | HORZ           | DOWN             | HORZ  | UPLIFT | IN-SX   | IN-SX    | 5-8           | 5-8   |
| JT                                                                                                                                                                   | 2234          | 0              | 2234             | 0     | 0      | 5-8     | 5-8      | 5-8           | 5-8   |
| V                                                                                                                                                                    | 2301          | 0              | 2301             | 0     | 0      | 5-8     | 5-8      | 5-8           | 5-8   |
| M                                                                                                                                                                    | 2301          | 0              | 2301             | 0     | 0      | 5-8     | 5-8      | 5-8           | 5-8   |
| UNFACTORED REACTIONS                                                                                                                                                 |               |                |                  |       |        |         |          |               |       |
| JT                                                                                                                                                                   | COMBINED      | SNOW           | LIVE             | PERM  | LIVE   | WIND    | DEAD     |               |       |
| JT                                                                                                                                                                   | 1811          | 1078/0         | 320/0            | 0/0   | 0/0    | 0/0     | 413/0    | 0/0           | 0/0   |
| V                                                                                                                                                                    | 1816          | 1083/0         | 320/0            | 0/0   | 0/0    | 0/0     | 413/0    | 0/0           | 0/0   |
| M                                                                                                                                                                    | 1816          | 1083/0         | 320/0            | 0/0   | 0/0    | 0/0     | 413/0    | 0/0           | 0/0   |
| BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) V, M                                                                                                           |               |                |                  |       |        |         |          |               |       |
| BRACING                                                                                                                                                              |               |                |                  |       |        |         |          |               |       |
| TOP CHORD TO BE SHEATHED OR MAX. PURLINE SPACING = 3.41 FT.                                                                                                          |               |                |                  |       |        |         |          |               |       |
| MAX. UNBRACED BOTTOM CHORD LENGTH = 7.81 FT. OR RIGID CEILING DIRECTLY APPLIED.                                                                                      |               |                |                  |       |        |         |          |               |       |
| ALL PITCH BREAKS AND PERIMETER CORNER JOINTS MUST BE LATERALLY RESTRAINED.                                                                                           |               |                |                  |       |        |         |          |               |       |
| 2x3 DRY SPF No.2 T-BRACE AT E-T                                                                                                                                      |               |                |                  |       |        |         |          |               |       |
| FASTEN T AND J-BRACES TO NARROW EDGE OF WEB WITH ONE ROW PER PLY OF 3" COMMON WIRE NAILS @ 6" O.C. WITH 3" MINIMUM END DISTANCE. BRACE MUST COVER 90% OF WEB LENGTH. |               |                |                  |       |        |         |          |               |       |
| 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                                                                                                                                                               |               |                |                  |       |        |         |          |               |       |
| MEMB.                                                                                                                                                                | MAX. FACTORED | FACTORED       | VERT. LOAD       | LCI   | MAX    | MAX     | MEMB.    | MAX. FACTORED | MAX   |
| FR TO                                                                                                                                                                | (LBS)         | (PLF)          | FROM TO          | (LBS) | (LBS)  | (LBS)   | FR TO    | (LBS)         | (LBS) |
| A-B                                                                                                                                                                  | 0/50          | -112.4 -112.4  | 0.15 (1)         | 10.00 | C-U    | 0/207   | 0.05 (2) |               |       |
| B-C                                                                                                                                                                  | 0/21          | -112.4 -112.4  | 0.14 (1)         | 10.00 | U-D    | 0/163   | 0.04 (3) |               |       |
| C-D                                                                                                                                                                  | -2168/0       | -112.4 -112.4  | 0.20 (1)         | 4.48  | D-T    | 0/1219  | 0.27 (1) |               |       |
| D-E                                                                                                                                                                  | -2324/0       | -112.4 -112.4  | 0.37 (1)         | 4.13  | T-E    | -1434/0 | 0.84 (1) |               |       |
| E-F                                                                                                                                                                  | -3046/0       | -112.4 -112.4  | 0.42 (1)         | 3.81  | R-H    | 0/284   | 0.06 (1) |               |       |
| F-G                                                                                                                                                                  | -3058/0       | -112.4 -112.4  | 0.50 (1)         | 3.41  | Q-I    | -843/0  | 0.41 (1) |               |       |
| G-H                                                                                                                                                                  | -2865/0       | -112.4 -112.4  | 0.58 (1)         | 3.53  | P-J    | 0/1360  | 0.31 (1) |               |       |
| H-I                                                                                                                                                                  | -2543/0       | -112.4 -112.4  | 0.45 (1)         | 3.94  | P-J    | -330/0  | 0.13 (1) |               |       |
| I-J                                                                                                                                                                  | -2822/0       | -112.4 -112.4  | 0.30 (1)         | 3.84  | V-C    | -2459/0 | 0.91 (1) |               |       |
| J-K                                                                                                                                                                  | 0/50          | -112.4 -112.4  | 0.15 (1)         | 10.00 | T-R    | 0/2337  | 0.38 (1) |               |       |
| K-L                                                                                                                                                                  | -280/0        | 0.00           | 0.03 (1)         | 7.81  | O-M    | -90/0   | 0.01 (1) |               |       |
| M-K                                                                                                                                                                  | -2225/0       | 0.00           | 0.24 (1)         | 5.71  | O-K    | 0/2193  | 0.49 (1) |               |       |
| V-U                                                                                                                                                                  | 0/1521        | -28.0          | 0.38 (2)         | 10.00 | E-R    | 0/1152  | 0.26 (1) |               |       |
| U-T                                                                                                                                                                  | 0/1644        | -28.0          | 0.40 (2)         | 10.00 |        |         |          |               |       |
| T-S                                                                                                                                                                  | 0/63          | -28.0          | 0.12 (3)         | 10.00 |        |         |          |               |       |
| S-R                                                                                                                                                                  | 0/88          | 0.00           | 0.09 (1)         | 10.00 |        |         |          |               |       |
| R-F                                                                                                                                                                  | -472/0        | 0.00           | 0.01 (1)         | 7.81  |        |         |          |               |       |
| Q-Q                                                                                                                                                                  | 0/2865        | -28.0          | 0.54 (1)         | 10.00 |        |         |          |               |       |
| P-P                                                                                                                                                                  | 0/1935        | -28.0          | 0.40 (1)         | 10.00 |        |         |          |               |       |
| N-O                                                                                                                                                                  | 0/2245        | -28.0          | 0.44 (1)         | 10.00 |        |         |          |               |       |
| O-J                                                                                                                                                                  | 0/37          | 0.00           | 0.12 (1)         | 7.81  |        |         |          |               |       |
| N-M                                                                                                                                                                  | -99/50        | 0.00           | 0.11 (1)         | 7.81  |        |         |          |               |       |
|                                                                                                                                                                      | 0/172         | -28.0          | 0.03 (2)         | 10.00 |        |         |          |               |       |

NOTES - (1)  
1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.



**DESIGN CRITERIA**

SPECIFIED LOADS:  
TOP CH. LL = 32.5 PSF  
BOT CH. LL = 6.0 PSF  
LL = 10.5 PSF  
LL = 7.0 PSF  
TOTAL LOAD = 56.0 PSF

SPACING = 24.0 IN. C/C

LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.0012

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2010

THIS DESIGN COMPLIES WITH:  
- PART 9 OF OBC 2012, BCBC 2012, ABC 2014  
- CSA 086-09  
- TPIC 2011

DESIGN ASSUMPTIONS  
- OVERHANG NOT TO BE ALTERED OR CUT OFF.

(55% OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL. (LL) = L/360 (1.02")  
CALCULATED VERT. DEFL. (LL) = L/999 (0.17")  
ALLOWABLE DEFL. (TL) = L/360 (1.02")  
CALCULATED VERT. DEFL. (TL) = L/999 (0.28")

CSI: TC=0.60/1.00 (F+H-1), BC=0.54/1.00 (Q-R-1), WB=0.91/1.00 (C-V), SS=0.27/1.00 (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 = 0.50

AUTOSOLVE LEFT HEEL ONLY

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

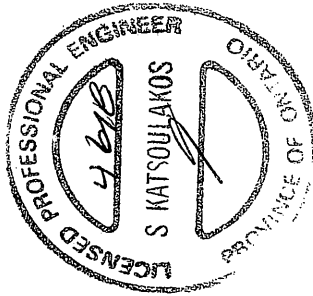
NAIL VALUES  
PLATE GRIP(DRY) SHEAR SECTION (PSI) (PLI)  
MAX MIN MAX MIN MAX MIN  
MT20 618 354 1667 822 2284 1656

PLATE PLACEMENT TOL. = 0.250 inches  
PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.89 (7) (INPUT = 0.90)  
JSI METAL= 0.60 (7) (INPUT = 1.00)

DWG NO. TAM 17693-18  
STRUCTURAL  
COMPONENT ONLY

A circular professional seal for a Licensed Professional Engineer in the Province of Ontario. The outer ring contains the text "PROFESSIONAL ENGINEER" at the top and "PROVINCE OF ONTARIO" at the bottom. Inside the circle, the license number "467B" is handwritten in the center. Below it, the name "S. KATSOUKAKOS" is printed. To the right of the name is a rectangular box containing the following text: "TYPE", "TOTAL", "TOTAL", "TOTAL", "TOTAL", "TOTAL", "TOTAL", "TOTAL". At the bottom of the seal, the words "LICENSED PROFESSIONAL ENGINEER" are printed in a semi-circle.



10/2/18  
DWG NO. TAM 17694-18  
STRUCTURAL  
COMPONENT ONLY

|                                 |            |          |     |             |               |          |
|---------------------------------|------------|----------|-----|-------------|---------------|----------|
| JOB NAME                        | TRUSS NAME | QUANTITY | PLY | JOB DESC.   | OBC2012_6TCDL | DRWG NO. |
| 287686                          | T23        | 1        | 3   | TRUSS DESC. |               |          |
| Tamarack Roof Truss, Burlington |            |          |     |             |               |          |

Version 8.200 S Jan 6 2018 Mtek Industries, Inc. Fri Apr 6 08:16:57 2018 Page 2  
ID:YnviYwT4htdgp/110\_xp44ySofP2-yai97KH6w2UgwnNm47vGOxdEb3sHk1IH9RMizTW24

PLATES (table is in inches)

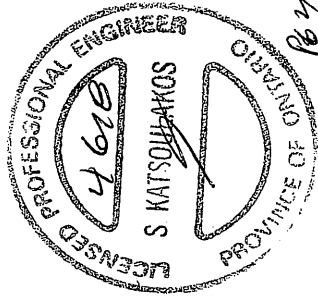
| JT TYPE | PLATES | W    | LEN | Y   | X         |
|---------|--------|------|-----|-----|-----------|
| S       | BMW-4  | MT20 | 8.0 | 9.0 | 4.25 4.00 |
| T       | BMW-4  | MT20 | 6.0 | 9.0 | 5.50      |

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

HANGERS NOTES  
1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 11685.2 lbs FACTORED DOWN AT 24'-2", 3130.3 lbs FACTORED DOWN AT 26'-3", AND 3130.7 lbs FACTORED DOWN AT 28'-11", 1.0 lbs FACTORED DOWN AT 28'-11" ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.

NOTES: (1)  
1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.





DWG NO. TAM 17695-8  
STRUCTURAL  
COMPONENT ONLY

|                                 |            |          |     |               |          |
|---------------------------------|------------|----------|-----|---------------|----------|
| JOB NAME                        | TRUSS NAME | QUANTITY | PLY | JOB DESC.     | DRWG NO. |
| 287686                          | T24S       | 1        | 2   | OBC2012_6TODL |          |
| Tamarack Roof Truss, Burlington |            |          |     |               |          |

Version: 8/200 S Jan 6 2018 MTEK Industries, Inc. Fri Apr 6 08:16:57 2018 Page 2  
ID: YnvYwT4htdp/110\_xpfySof?yal97kf6w2UgwnNm4?VGOxnVb0V[GEI]H9RMizTW74

| PLATES (table is in inches) |        |        |     |      |      |      | FACTORED CONCENTRATED LOADS (LBS) |          |       |       |      |      |      | FACE  |      | DIR. |       | TYPE  |  |
|-----------------------------|--------|--------|-----|------|------|------|-----------------------------------|----------|-------|-------|------|------|------|-------|------|------|-------|-------|--|
| JT                          | TYPE   | PLATES | W   | LEN  | Y    | X    | JT                                | LOC      | LC1   | MAX-  | MAX+ | BACK | VERT | TOTAL | BACK | VERT | TOTAL | TOTAL |  |
| L                           | BMWW-1 | MT20   | 5.0 | 6.0  | 2.50 | 2.50 | E                                 | 13-1-12  | -135  | -135  | —    | —    | —    | —     | —    | —    | —     | —     |  |
| M                           | BMWW-1 | MT20   | 6.0 | 12.0 | 2.75 | 5.75 | P                                 | 16-11-12 | -2226 | -2226 | —    | —    | —    | —     | —    | —    | —     | —     |  |
| N                           | BMWW-1 | MT20   | 4.0 | 6.0  |      |      | S                                 | 13-1-12  | -41   | -72   | —    | —    | —    | —     | —    | —    | —     | —     |  |
| O                           | BMWW-1 | MT20   | 8.0 | 12.0 | 4.75 | 8.25 | Q                                 | 8-11-4   | -41   | -72   | —    | —    | —    | —     | —    | —    | —     | —     |  |
| P                           | BMWW-1 | MT20   | 3.0 | 6.0  |      |      | V                                 | 4-11-4   | -162  | -162  | —    | —    | —    | —     | —    | —    | —     | —     |  |
| Q                           | BMWW-1 | MT20   | 6.0 | 9.0  | 3.00 | 4.25 | W                                 | 6-11-4   | -135  | -135  | —    | —    | —    | —     | —    | —    | —     | —     |  |
| R                           | BS-1   | MT20   | 5.0 | 6.0  |      |      | X                                 | 10-11-4  | -135  | -135  | —    | —    | —    | —     | —    | —    | —     | —     |  |
| S                           | BMWW-1 | MT20   | 5.0 | 10.0 |      |      | Y                                 | 15-0-12  | -135  | -135  | —    | —    | —    | —     | —    | —    | —     | —     |  |
| T                           | BMWW-1 | MT20   | 5.0 | 6.0  | 2.50 | 2.50 | Z                                 | 11-4     | -42   | -73   | —    | —    | —    | —     | —    | —    | —     | —     |  |
| U                           | BMV1-p | MT20   | 3.0 | 6.0  |      |      | AA                                | 2-11-4   | -41   | -72   | —    | —    | —    | —     | —    | —    | —     | —     |  |
|                             |        |        |     |      |      |      | AB                                | 4-11-4   | -41   | -72   | —    | —    | —    | —     | —    | —    | —     | —     |  |
|                             |        |        |     |      |      |      | AC                                | 6-11-4   | -41   | -72   | —    | —    | —    | —     | —    | —    | —     | —     |  |
|                             |        |        |     |      |      |      | AD                                | 10-11-4  | -41   | -72   | —    | —    | —    | —     | —    | —    | —     | —     |  |
|                             |        |        |     |      |      |      | AE                                | 15-0-12  | -41   | -72   | —    | —    | —    | —     | —    | —    | —     | —     |  |

MANAGERS NOTES

REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 162.3lbs FACTORED DOWN AT 4-11-4.

SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 162.3lbs FACTORED DOWN AT 4-11-4.

PLATE PLACEMENT TOL = 0.250 inches  
PLATE ROTATION TOL = 5.0 Deg.  
JSI GRIP = 0.90 (M) (INPUT = 0.90)  
JSI METAL = 0.99 (G) (INPUT = 1.00)

HANGERS NOTES

- 1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 162.3 lbs FACTORED DOWN AT 4-11-4, 135.3 lbs FACTORED DOWN AT 6-11-4, 135.3 lbs FACTORED DOWN AT 8-11-4, 135.3 lbs FACTORED DOWN AT 10-11-4, 135.3 lbs FACTORED DOWN AT 13-1-12, AND 355.0 lbs FACTORED DOWN AT 15-0-12, AND 355.0 lbs AND 73.3 lbs FACTORED DOWN AT 11-4, 71.7 lbs FACTORED DOWN AT 2-11-4, 71.7 lbs FACTORED DOWN AT 4-11-4, 71.7 lbs FACTORED DOWN AT 6-11-4, 71.7 lbs FACTORED DOWN AT 8-11-4, 71.7 lbs FACTORED DOWN AT 10-11-4, 71.7 lbs FACTORED DOWN AT 13-1-12, AND 71.7 lbs FACTORED DOWN AT 15-0-12, AND 2225.9 lbs FACTORED DOWN AT 16-11-12 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.

NOTES-

- 1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.





| JOB NAME | TRUSS NAME | QUANTITY | PLY | JOB DESC.   | OBC2012_6TCDL | DRWG NO. |
|----------|------------|----------|-----|-------------|---------------|----------|
| 287686   | T27        | 1        | 1   | TRUSS DESC. |               |          |

Tamarack Roof Truss, Burlington

-1'-3"-8"

4'-8-9

4'-5-9

4'-6-1

9'-2-10

5'-5-14

14'-8-8

20'-6

24'-8-7

29'-5-0, 30'-8-8

1'-3-8

1'-3-8

4'-8-9

4'-5-9

4'-6-1

9'-2-10

5'-5-14

14'-8-8

20'-6

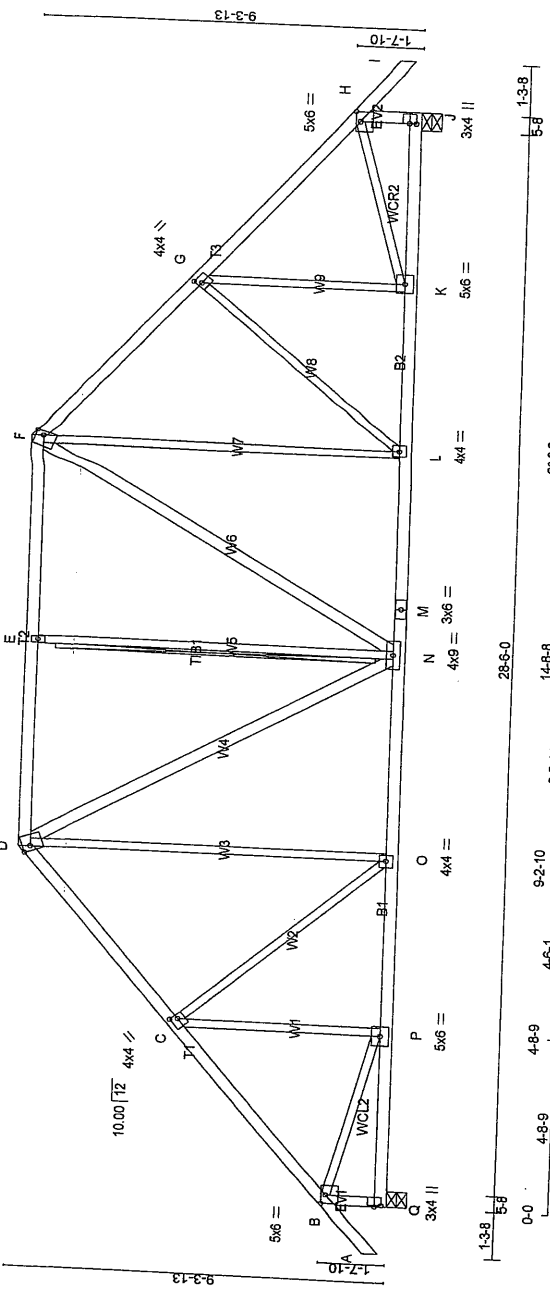
24'-8-7

29'-5-0, 30'-8-8

1'-3-8

Version 8.200 S Jan 6 2018 MITek Industries, Inc. Fri Apr 6 08:16:58 2018 Page 1  
 ID: YnvIYwT4htdgpV1O\_xpf4ySoF7-QnsXK4llnMzL4MZKoWobUzm7QkSfHsGxv\_ulzTW73

Scale = 1:57.1  
 5x6 //      2x4 //      5x6 //



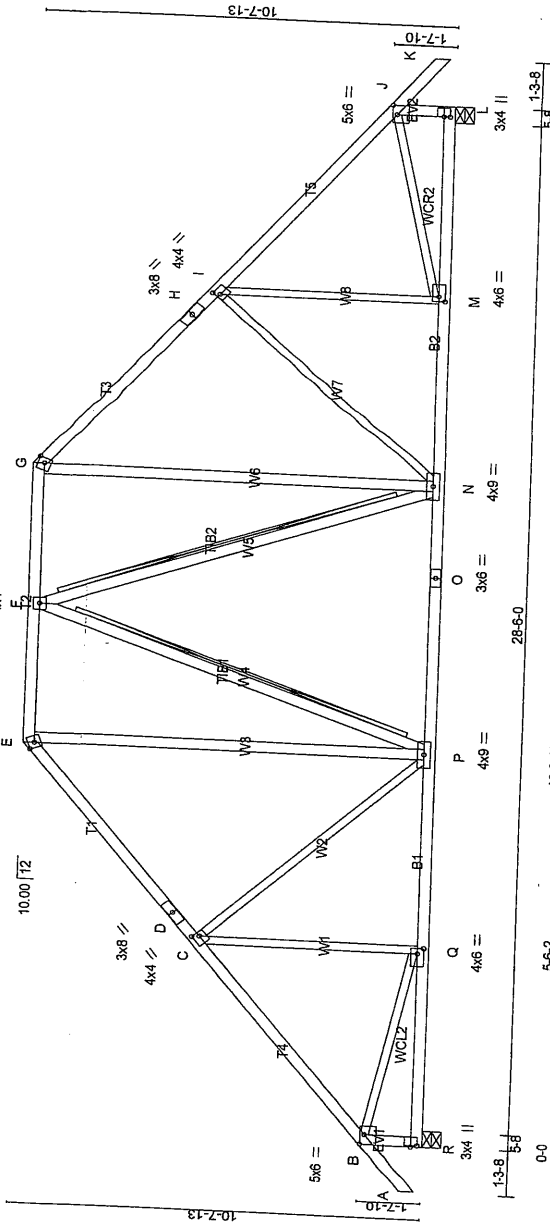
| LUMBER                |  |  |  | DESIGN CRITERIA      |  |  |  | TOTAL WEIGHT = 151 LB              |  |  |  |
|-----------------------|--|--|--|----------------------|--|--|--|------------------------------------|--|--|--|
| N.L.G.A. RULES        |  |  |  | SPECIFIED LOADS:     |  |  |  | TOP CH. LL = 32.5 PSF              |  |  |  |
| CHORDS                |  |  |  | GROSS REACTION       |  |  |  | DL = 6.0 PSF                       |  |  |  |
| SIZE                  |  |  |  | DOWN                 |  |  |  | DL = 10.5 PSF                      |  |  |  |
| D - D                 |  |  |  | HORIZ                |  |  |  | DL = 7.0 PSF                       |  |  |  |
| A - F                 |  |  |  | UP/LIFT              |  |  |  | TOTAL LOAD = 56.0 PSF              |  |  |  |
| F - J                 |  |  |  | FACTORED             |  |  |  | SPACING = 24.0 IN.C/C              |  |  |  |
| Q - B                 |  |  |  | MAXIMUM              |  |  |  | LOADING IN FLAT SECTION BASED ON A |  |  |  |
| J - H                 |  |  |  | REACT                |  |  |  | SLOPE OF 6.00/12                   |  |  |  |
| Q - I                 |  |  |  | BRG                  |  |  |  |                                    |  |  |  |
| J - M                 |  |  |  | IN-SX                |  |  |  |                                    |  |  |  |
| Q - M                 |  |  |  | 5-8                  |  |  |  |                                    |  |  |  |
| M - J                 |  |  |  | 5-8                  |  |  |  |                                    |  |  |  |
| LUMBER                |  |  |  | DESIGN CRITERIA      |  |  |  | TOTAL WEIGHT = 151 LB              |  |  |  |
| N.L.G.A. RULES        |  |  |  | SPECIFIED LOADS:     |  |  |  | TOP CH. LL = 32.5 PSF              |  |  |  |
| CHORDS                |  |  |  | GROSS REACTION       |  |  |  | DL = 6.0 PSF                       |  |  |  |
| SIZE                  |  |  |  | DOWN                 |  |  |  | DL = 10.5 PSF                      |  |  |  |
| D - D                 |  |  |  | HORIZ                |  |  |  | DL = 7.0 PSF                       |  |  |  |
| A - F                 |  |  |  | UP/LIFT              |  |  |  | TOTAL LOAD = 56.0 PSF              |  |  |  |
| F - J                 |  |  |  | FACTORED             |  |  |  | SPACING = 24.0 IN.C/C              |  |  |  |
| Q - B                 |  |  |  | MAXIMUM              |  |  |  | LOADING IN FLAT SECTION BASED ON A |  |  |  |
| J - H                 |  |  |  | REACT                |  |  |  | SLOPE OF 6.00/12                   |  |  |  |
| Q - I                 |  |  |  | BRG                  |  |  |  |                                    |  |  |  |
| J - M                 |  |  |  | IN-SX                |  |  |  |                                    |  |  |  |
| Q - M                 |  |  |  | 5-8                  |  |  |  |                                    |  |  |  |
| M - J                 |  |  |  | 5-8                  |  |  |  |                                    |  |  |  |
| ALL WEBS              |  |  |  | UNFACTORED REACTIONS |  |  |  |                                    |  |  |  |
| EXCEPT                |  |  |  | 1ST LOOSE            |  |  |  |                                    |  |  |  |
| D - N                 |  |  |  | COMBINED             |  |  |  |                                    |  |  |  |
| N - F                 |  |  |  | SNOW                 |  |  |  |                                    |  |  |  |
| DRY: SEASONED LUMBER. |  |  |  | LIVE                 |  |  |  |                                    |  |  |  |
|                       |  |  |  | PERMILIVE            |  |  |  |                                    |  |  |  |
|                       |  |  |  | WIND                 |  |  |  |                                    |  |  |  |
|                       |  |  |  | DEAD                 |  |  |  |                                    |  |  |  |
|                       |  |  |  | SOIL                 |  |  |  |                                    |  |  |  |
|                       |  |  |  | O/O                  |  |  |  |                                    |  |  |  |
|                       |  |  |  | O/O                  |  |  |  |                                    |  |  |  |
|                       |  |  |  | 399/0                |  |  |  |                                    |  |  |  |
|                       |  |  |  | 399/0                |  |  |  |                                    |  |  |  |
|                       |  |  |  | O/O                  |  |  |  |                                    |  |  |  |
|                       |  |  |  | O/O                  |  |  |  |                                    |  |  |  |

| 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.                                                                                           |       |      |     |     |      |      |
| 2x4 DRY SPF No.2 T-BRACE AT E-N                                                                                                                                      |       |      |     |     |      |      |
| FASTEN T AND L-BRACES TO NARROW EDGE OF WEB WITH ONE ROW PER PLY OF 3" COMMON WIRE NAILS @ 6" O.C. WITH 3" MINIMUM END DISTANCE. BRACE MUST COVER 90% OF WEB LENGTH. |       |      |     |     |      |      |
| 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                                                                                                                                                               |       |      |     |     |      |      |
|                                                                                                                                                                      |       | W    | LEN | Y   | X    |      |
| 3                                                                                                                                                                    | TMW-p | MT20 | 5.0 | 6.0 | 1.25 | 3.00 |
| 3                                                                                                                                                                    | TMW-w | MT20 | 4.0 | 4.0 | 2.00 | 1.25 |
| 3                                                                                                                                                                    | TMW-w | MT20 | 5.0 | 6.0 | 2.25 | 1.50 |
| 3                                                                                                                                                                    | TMW-w | MT20 | 2.0 | 4.0 |      |      |
| 3                                                                                                                                                                    | TMW-w | MT20 | 2.0 | 4.0 |      |      |
| 3                                                                                                                                                                    | TMW-w | MT20 | 5.0 | 6.0 | 2.25 | 1.50 |
| 3                                                                                                                                                                    | TMW-w | MT20 | 4.0 | 4.0 | 2.00 | 1.25 |
| 3                                                                                                                                                                    | TMW-p | MT20 | 5.0 | 6.0 | 1.25 | 3.00 |
| 3                                                                                                                                                                    | BMW-r | MT20 | 3.0 | 4.0 | 2.00 |      |
| 3                                                                                                                                                                    | BMW-w | MT20 | 5.0 | 6.0 |      |      |
| 3                                                                                                                                                                    | BMW-w | MT20 | 4.0 | 4.0 |      |      |
| 3                                                                                                                                                                    | BMW-w | MT20 | 3.0 | 6.0 |      |      |
| 3                                                                                                                                                                    | BMW-w | MT20 | 4.0 | 9.0 |      |      |
| 3                                                                                                                                                                    | BMW-w | MT20 | 4.0 | 4.0 |      |      |
| 3                                                                                                                                                                    | BMW-w | MT20 | 3.0 | 6.0 |      |      |
| 3                                                                                                                                                                    | BMW-r | MT20 | 3.0 | 4.0 | 2.00 | 0.50 |

|                                                                                            |  |  |  |                                                                                                          |  |  |  |                                                                                                    |  |  |  |                                                                                                                                                                        |  |  |  |                                                                                             |  |  |  |
|--------------------------------------------------------------------------------------------|--|--|--|----------------------------------------------------------------------------------------------------------|--|--|--|----------------------------------------------------------------------------------------------------|--|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------------------|--|--|--|
| THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCB 2010 |  |  |  | THIS DESIGN COMPLIES WITH:<br>- PART 9 OF OBC 2012 , BCBC 2012 , ABC 2014<br>- CSA 086-09<br>- TPIC 2011 |  |  |  | (55 % OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD |  |  |  | ALLOWABLE DEFL.(LL) = L/360 (0.98")<br>CALCULATED VERT. DEFL.(LL) = L/999 (0.08")<br>ALLOWABLE DEFL.(TL) = L/360 (0.98")<br>CALCULATED VERT. DEFL.(TL) = L/999 (0.13") |  |  |  | CSI: TC=0.4771,00 (D-E:1), BC=0.34/1,00 (N-O:2), WB=0.49/1,00 (E-N:1), SS=0.30/1,00 (D-E:1) |  |  |  |
|--------------------------------------------------------------------------------------------|--|--|--|----------------------------------------------------------------------------------------------------------|--|--|--|----------------------------------------------------------------------------------------------------|--|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|---------------------------------------------------------------------------------------------|--|--|--|

[illegible]

ICE S KATSOHILAKOS



| LUMBER                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |      | N. L. G. A. RULES |     | LUMBER |      | DESOR. |     | DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER |   | BEARINGS         |       | TOTAL WEIGHT = 159 LB |                 |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-------------------|-----|--------|------|--------|-----|-----------------------------------------------------------------------------------------------|---|------------------|-------|-----------------------|-----------------|
| CHORDS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | SIZE | DRY               | DRY | No.2   | No.2 | SPF    | SPF | JT                                                                                            | R | MAXIMUM FACTORED | INPUT | RECORD                | DESIGN CRITERIA |
| A - D                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | GROSS REACTION   | VERT  | HORZ                  | UP              |
| E - G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | DOWN             | HORZ  | UPLIFT                | IN              |
| H - K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | 0                | 0     | 5-8                   | IN              |
| L - O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | 2221             | 0     | 5-8                   | IN              |
| P - F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | 2221             | 0     | 5-8                   | IN              |
| G - H                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | 2221             | 0     | 5-8                   | IN              |
| H - K                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | 2221             | 0     | 5-8                   | IN              |
| L - J                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | 2221             | 0     | 5-8                   | IN              |
| R - O                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | 2221             | 0     | 5-8                   | IN              |
| O - L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | 2221             | 0     | 5-8                   | IN              |
| ALL WEBS EXCEPT                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 2x3  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | 2221             | 0     | 5-8                   | IN              |
| P - E                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | 2221             | 0     | 5-8                   | IN              |
| F - F                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | 2221             | 0     | 5-8                   | IN              |
| F - N                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | 2221             | 0     | 5-8                   | IN              |
| N - G                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2x4  | DRY               | DRY | No.2   | No.2 | SPF    | SPF |                                                                                               |   | 2221             | 0     | 5-8                   | IN              |
| DRY: SEASONED LUMBER.                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |      |                   |     |        |      |        |     |                                                                                               |   |                  |       |                       |                 |
| <p>UNFACTORED REACTIONS</p> <p>1ST LOUSE</p> <p>MAX MIN. COMPONENT REACTIONS</p> <p>SNOW LIVE PERM LIVE WIND DEAD SOIL</p> <p>R 1753 1045 / 0 309 / 0 0 / 0 0 / 0 399 / 0 0 / 0</p> <p>L 1753 1045 / 0 309 / 0 0 / 0 0 / 0 399 / 0 0 / 0</p> <p>BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) R, L</p> <p>BRACING</p> <p>TOP CHORD TO BE SHEATHED OR MAX. PURLIN SPACING = 4.15 FT.</p> <p>MAX. UNBRACED BOTTOM CHORD LENGTH = 10.00 FT OR RIGID CEILING DIRECTLY APPLIED.</p> |      |                   |     |        |      |        |     |                                                                                               |   |                  |       |                       |                 |
| <p>DESIGN CRITERIA</p> <p>SPECIFIED LOADS:</p> <p>TOP CH. LL = 32.5 PSF</p> <p>DL = 6.0 PSF</p> <p>BOT CH. LL = 10.5 PSF</p> <p>DL = 7.0 PSF</p> <p>TOTAL LOAD = 56.0 PSF</p> <p>SPACING = 24.0 IN. C/C</p> <p>LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.0012</p> <p>THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2010</p> <p>THIS DESIGN COMPLIES WITH:</p>                                                                              |      |                   |     |        |      |        |     |                                                                                               |   |                  |       |                       |                 |

| PLATES (Table is in inches) |      |         |      |     |     |
|-----------------------------|------|---------|------|-----|-----|
| JT                          | TYPE | Pt      | LEN  | Y   | X   |
|                             | B    | TMMV-p  | MT20 | 5.0 | 6.0 |
|                             | C    | TMMW-l  | MT20 | 4.0 | 8.0 |
|                             | D    | TS-4    | MT20 | 3.0 | 8.0 |
|                             | E    | TTW-m   | MT20 | 4.0 | 4.0 |
|                             | F    | TTW-w   | MT20 | 4.0 | 4.0 |
|                             | G    | TTW-m   | MT20 | 4.0 | 4.0 |
|                             | H    | TS-4    | MT20 | 3.0 | 8.0 |
|                             | I    | TMMW-l  | MT20 | 4.0 | 4.0 |
|                             | J    | TMMW-p  | MT20 | 5.0 | 6.0 |
|                             | K    | BMV-l+p | MT20 | 4.0 | 2.0 |
|                             | L    | BMV-w   | MT20 | 4.0 | 2.0 |
|                             | M    | BMVW-l  | MT20 | 4.0 | 6.0 |
|                             | N    | BMVW-w  | MT20 | 4.0 | 6.0 |
|                             | O    | BS-4    | MT20 | 3.0 | 8.0 |
|                             | P    | BMVW-l  | MT20 | 4.0 | 8.0 |
|                             | Q    | BMVW-l  | MT20 | 4.0 | 8.0 |
|                             | R    | BMV-l+p | MT20 | 3.0 | 4.0 |

- CSA 086-09  
- TPIC 2011

(55 % OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F.  
RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED  
ROOF LIVE LOAD

ALLOWABLE DEF'L (LL)= U/360 (0.98")  
CALCULATED VERT. DEF'L (LL) = U/989 (0.12")  
ALLOWABLE DEF'L (TL)= U/360 (0.98")  
CALCULATED VERT. DEF'L (TL) = U/989 (0.20")

CSI: TC=0.53/1.00 (L-T), BC=0.44/1.00 (M-N+2),  
WB=0.54/1.00 (H-T), SSI=0.23/1.00 (L-T)

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

COMPANION LIVE LOAD FACTOR = 0.50

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

2x4 DRY SPF No.2 T-BRACE AT F-P, F-N

FASTEN T AND I BRACES TO NARROW EDGE OF WEB WITH ONE ROW PER PLY OF 3"  
COMMON WIRE NAILS @ 6" O.C. WITH 3" MINIMUM END DISTANCE. BRACE MUST COVER  
90% OF WEB LENGTH.

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 FORCE VER.T. LOAD LC1 MAX MEMB. FROM TO FR-TO A-B 0/50 -112.4 -112.4 0.15 (1) -10.00

WEBS MAX. FACTORED FORCE MAX CSI (LC) UNBRAC (LBS) LENGTH FR-TO CSI (LC)

| NOTES- (1) | Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design. |        |        |          |       |     |            |  |  |  |  |  |
|------------|----------------------------------------------------------------------------------------------------------------------|--------|--------|----------|-------|-----|------------|--|--|--|--|--|
| D          | -1637 / 0                                                                                                            | -112.4 | -112.4 | 0.49 (1) | 4.41  | P-E | 0.1749     |  |  |  |  |  |
| D-E        | -1837 / 0                                                                                                            | -112.4 | -112.4 | 0.49 (1) | 4.41  | P-F | -277 / 0   |  |  |  |  |  |
| E-F        | -1392 / 0                                                                                                            | -112.4 | -112.4 | 0.23 (1) | 5.30  | F-N | -277 / 0   |  |  |  |  |  |
| F-G        | -1392 / 0                                                                                                            | -112.4 | -112.4 | 0.23 (1) | 5.30  | N-G | 0.1749     |  |  |  |  |  |
| G-H        | -1837 / 0                                                                                                            | -112.4 | -112.4 | 0.49 (1) | 4.41  | M-I | -407 / 0   |  |  |  |  |  |
| H-I        | -1837 / 0                                                                                                            | -112.4 | -112.4 | 0.49 (1) | 4.41  | M-J | -233 / 104 |  |  |  |  |  |
| I-J        | -2098 / 0                                                                                                            | -112.4 | -112.4 | 0.53 (1) | 4.15  | B-Q | 0.1693     |  |  |  |  |  |
| J-K        | 0 / 50                                                                                                               | -112.4 | -112.4 | 0.15 (1) | 10.00 | M-I | 0.1693     |  |  |  |  |  |
| K-B        | -2155 / 0                                                                                                            | 0.0    | 0.0    | 0.23 (1) | 5.78  |     |            |  |  |  |  |  |
| L-J        | -2155 / 0                                                                                                            | 0.0    | 0.0    | 0.23 (1) | 5.78  |     |            |  |  |  |  |  |
| R-Q        | 0 / 0                                                                                                                | -28.0  | -28.0  | 0.19 (3) | 10.00 |     |            |  |  |  |  |  |
| Q-P        | 0 / 1648                                                                                                             | -28.0  | -28.0  | 0.44 (2) | 10.00 |     |            |  |  |  |  |  |
| P-O        | 0 / 1477                                                                                                             | -28.0  | -28.0  | 0.42 (2) | 10.00 |     |            |  |  |  |  |  |
| O-N        | 0 / 1477                                                                                                             | -28.0  | -28.0  | 0.42 (2) | 10.00 |     |            |  |  |  |  |  |
| N-M        | 0 / 1648                                                                                                             | -28.0  | -28.0  | 0.44 (2) | 10.00 |     |            |  |  |  |  |  |
| M-L        | 0 / 0                                                                                                                | -28.0  | -28.0  | 0.19 (3) | 10.00 |     |            |  |  |  |  |  |

5 S KATSOUidakos

DWG NO. TAM 17700-18  
STRUCTURAL  
COMPONENT ONLY

CONTINUED ON PAGE 2

|                                 |            |          |     |               |          |
|---------------------------------|------------|----------|-----|---------------|----------|
| JOB NAME                        | TRUSS NAME | QUANTITY | PLY | JOB DESC.     | DRWG NO. |
| 287686                          | T29        | 1        | 3   | OBC2012_8TCDL |          |
| Tamarack Roof Truss, Burlington |            |          |     |               |          |

Version 8.200 S Jan 6 2018 Mittek Industries, Inc. Fri Apr 6 08:16:59 2018 Page 2  
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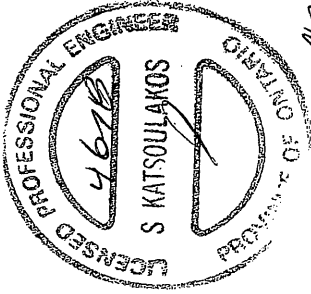
PLATES (table is in inches)

| IT TYPE | PLATES | W    | LEN | Y    | X         |
|---------|--------|------|-----|------|-----------|
| G       | TTW+m  | MT20 | 4.0 | 6.0  | 3.00 1.50 |
| H       | TTWW+1 | MT20 | 5.0 | 10.0 | 2.50 3.00 |
| I       | TTWW+1 | MT20 | 5.0 | 6.0  | 2.50 3.00 |
| J       | TTWW+1 | MT20 | 5.0 | 6.0  | 2.50 2.75 |
| L       | BMV+1  | MT20 | 6.0 | 9.0  | 2.75 4.25 |
| M       | BMV+1  | MT20 | 6.0 | 9.0  | Edge 0.50 |
| N       | BMV+1  | MT20 | 7.0 | 8.0  | 4.25 2.75 |
| O       | BMV+1  | MT20 | 8.0 | 9.0  | 4.50 2.50 |
| P       | BS-1   | MT20 | 5.0 | 10.0 | 2.50 2.25 |
| Q       | BMV+1  | MT20 | 5.0 | 10.0 | 2.50 4.25 |
| R       | BMV+1  | MT20 | 8.0 | 9.0  | 4.50 2.50 |
| S       | BMV+1  | MT20 | 7.0 | 8.0  | 4.25 2.75 |
| T       | BMV+1  | MT20 | 6.0 | 9.0  | 5.50      |

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

HANGERS NOTES  
1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 11573.5 lbs FACTORED DOWN AT 24'-2.4" AND 4509.5 lbs FACTORED DOWN AT 26'-3.0" AND 1.0 lbs FACTORED DOWN AT 28'-3.12 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.

NOTES- (1)  
1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.



162  
DWG NO. TAM 17200-8  
STRUCTURAL  
COMPONENT ONLY

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

|                                 |            |          |     |               |          |
|---------------------------------|------------|----------|-----|---------------|----------|
| JOB NAME                        | TRUSS NAME | QUANTITY | PLY | JOB DESC.     | DRWG NO. |
| 287686                          | T30A       | 1        | 3   | OBC2012_6TCDL |          |
| Tamarack Roof Truss, Burlington |            |          |     |               |          |

Version 8.200 S Jan 6 2018 Mittek Industries, Inc. Fri Apr 6 08:17:00 2018 Page 2  
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HANGERS NOTES  
1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 1657.2 lbs FACTORED DOWN AT 1-8-4, 1657.2 lbs FACTORED DOWN AT 3-8-4, 1657.2 lbs FACTORED DOWN AT 5-8-4, 1657.2 lbs FACTORED DOWN AT 7-8-4, 1657.2 lbs FACTORED DOWN AT 9-8-4, 1657.2 lbs FACTORED DOWN AT 11-0-2, 1657.2 lbs FACTORED DOWN AT 12-8-12, 1657.2 lbs FACTORED DOWN AT 14-8-12, 1657.2 lbs FACTORED DOWN AT 16-8-12, 1657.2 lbs FACTORED DOWN AT 18-8-12, 1657.2 lbs FACTORED DOWN AT 20-8-12, AND 1657.2 lbs FACTORED DOWN AT 22-8-12 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.

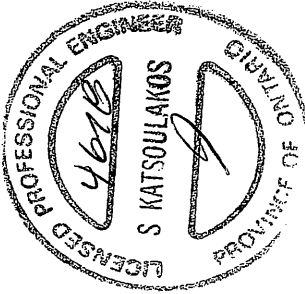
NOTES:  
(1)  
1) Lateral brace(s) shown shall be 1x4 for Part 5 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.

| FACTORED CONCENTRATED LOADS (LBS) |         |       |           |
|-----------------------------------|---------|-------|-----------|
| JT                                | LOC.    | LC1   | MAX- MAX+ |
| P                                 | 5-8-4   | -1657 | -1657     |
| Q                                 | 9-8-8   | -1657 | -1657     |
| R                                 | 11-0-2  | -1657 | -1657     |
| S                                 | 12-8-12 | -1657 | -1657     |
| T                                 | 14-8-12 | -1657 | -1657     |
| U                                 | 16-8-12 | -1657 | -1657     |
| V                                 | 18-8-12 | -1657 | -1657     |
| W                                 | 20-8-12 | -1657 | -1657     |
|                                   | 22-8-12 | -1657 | -1657     |

| FACE |      |      |
|------|------|------|
| BACK | BACK | BACK |
| BACK | BACK | BACK |
| BACK | BACK | BACK |
| BACK | BACK | BACK |
| BACK | BACK | BACK |
| BACK | BACK | BACK |
| BACK | BACK | BACK |

| DIR  |      |
|------|------|
| VERT | VERT |
| VERT | VERT |
| VERT | VERT |
| VERT | VERT |
| VERT | VERT |
| VERT | VERT |
| VERT | VERT |

| TYPE  |       |
|-------|-------|
| TOTAL | TOTAL |
| TOTAL | TOTAL |
| TOTAL | TOTAL |
| TOTAL | TOTAL |
| TOTAL | TOTAL |
| TOTAL | TOTAL |
| TOTAL | TOTAL |



per  
DWG NO. TAM17701-08  
STRUCTURAL  
COMPONENT ONLY



|          |            |          |     |             |               |          |
|----------|------------|----------|-----|-------------|---------------|----------|
| JOB NAME | TRUSS NAME | QUANTITY | PLY | JOB DESC.   | OBC2012_6TCDL | DRWG NO. |
| 287686   | T31A       | 1        | 2   | TRUSS DESC. |               |          |

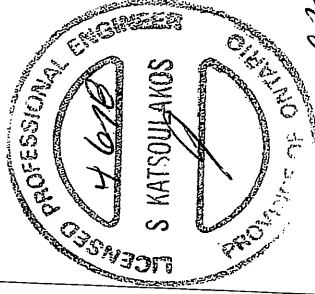
Version 8.200 S Jan 6 2018 MITek Industries, Inc. Fri Apr 6 08:17:00 2018 Page 2  
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HANGERS NOTES

1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 135.3 lbs FACTORED DOWN AT 15-11-12 AND 138.9 lbs FACTORED DOWN AT 17-11-12 AND 184.1 lbs FACTORED DOWN AT 18-11-12 AND 566.3 lbs FACTORED DOWN AT 18-11-12 ON TOP CHORD AND 3198.3 lbs FACTORED DOWN AT 15-4-8, 73.3 lbs FACTORED DOWN AT 17-11-12, 73.3 lbs FACTORED DOWN AT 18-10-4 AND 73.3 lbs FACTORED DOWN AT 20-10-4 AND 77.2 lbs FACTORED DOWN AT 22-10-4 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.

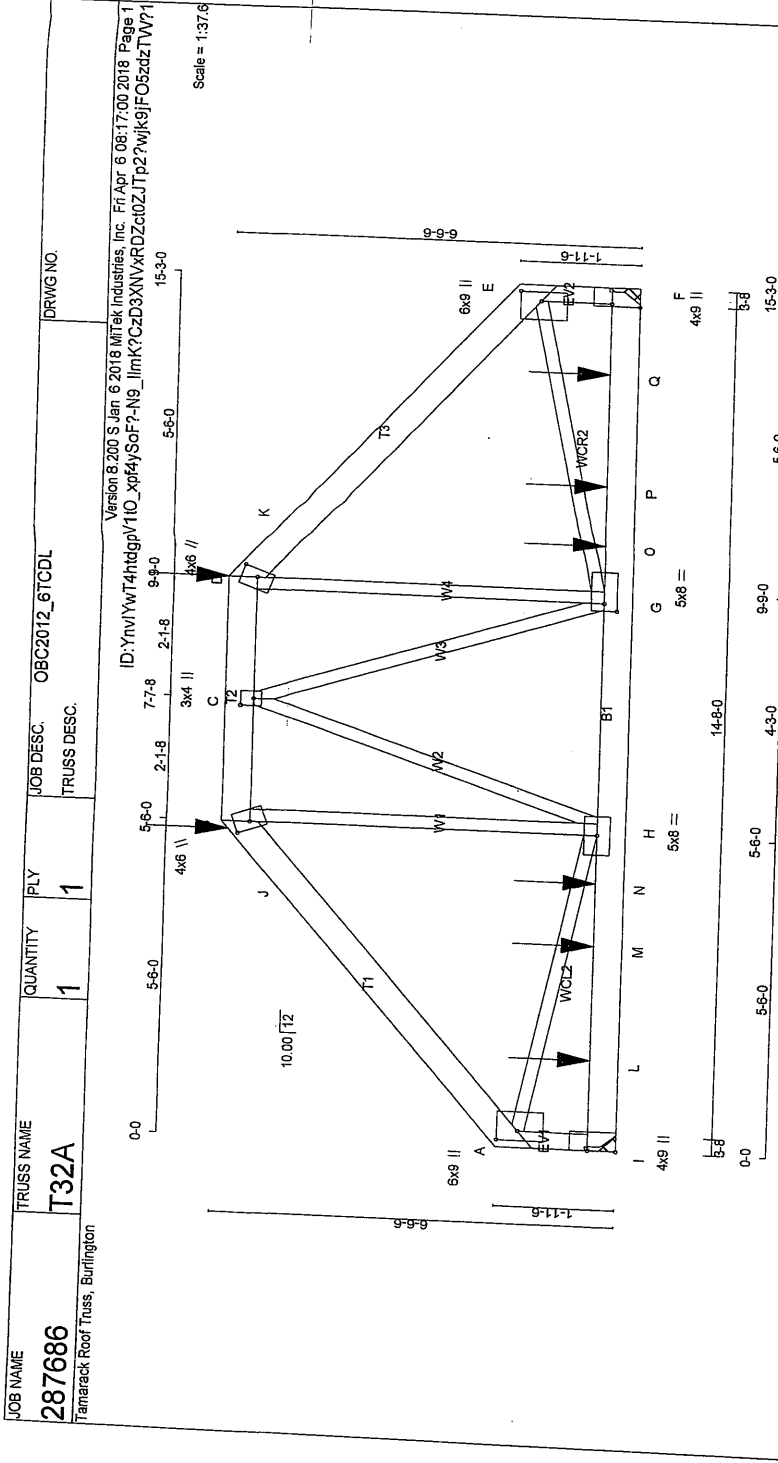
NOTES:

(1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.



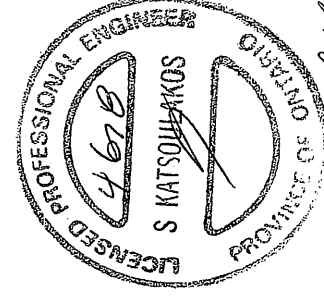
per

DWG NO. TAM 17702-18  
STRUCTURAL  
COMPONENT ONLY



| LUMBER                |        |        |      | DESIGN CRITERIA                                                                                    |                                              |                                                                       |                      |
|-----------------------|--------|--------|------|----------------------------------------------------------------------------------------------------|----------------------------------------------|-----------------------------------------------------------------------|----------------------|
| N.L.G.A. RULES        | CHORDS | LUMBER | SIZE | *** SPECIAL LOADS ANALYSIS ***                                                                     | GEOMETRY AND/OR BASIC LOADS CHANGED BY USER. | LOADS WERE DERIVED FROM USER INPUT NO FURTHER MODIFICATIONS WERE MADE | TOTAL WEIGHT = 92 lb |
| A - B                 | 2x6    | DRY    | No.2 | TOP CH. LL = 32.5 PSF                                                                              |                                              |                                                                       |                      |
| B - D                 | 2x6    | DRY    | No.2 | DL = 6.0 PSF                                                                                       |                                              |                                                                       |                      |
| D - E                 | 2x6    | DRY    | No.2 | BOT CH. LL = 10.5 PSF                                                                              |                                              |                                                                       |                      |
| I - A                 | 2x4    | DRY    | No.2 | DL = 7.0 PSF                                                                                       |                                              |                                                                       |                      |
| F - E                 | 2x4    | DRY    | No.2 | TOTAL LOAD = 56.0 PSF                                                                              |                                              |                                                                       |                      |
| I - F                 | 2x6    | DRY    | No.2 | SPACING = 24.0 IN/C                                                                                |                                              |                                                                       |                      |
| ALL WEBS EXCEPT       | 2x3    | DRY    | No.2 | LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.0012                                                 |                                              |                                                                       |                      |
| DRY: SEASONED LUMBER. |        |        |      | *** 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 2010         |                                              |                                                                       |                      |
|                       |        |        |      | THIS DESIGN COMPLIES WITH:                                                                         |                                              |                                                                       |                      |
|                       |        |        |      | - PART 9 OF OBC 2012, BCBC 2012, ABC 2014                                                          |                                              |                                                                       |                      |
|                       |        |        |      | - CSA 086-09                                                                                       |                                              |                                                                       |                      |
|                       |        |        |      | - TPC 2011                                                                                         |                                              |                                                                       |                      |
|                       |        |        |      | (55 % OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD |                                              |                                                                       |                      |
|                       |        |        |      | ALLOWABLE DEF (L) = L/360 (0.51")                                                                  |                                              |                                                                       |                      |
|                       |        |        |      | CALCULATED VERT. DEF (L) = L/999 (0.07")                                                           |                                              |                                                                       |                      |
|                       |        |        |      | ALLOWABLE DEF (L) = L/360 (0.51")                                                                  |                                              |                                                                       |                      |
|                       |        |        |      | CALCULATED VERT. DEF (L) = L/999 (0.12")                                                           |                                              |                                                                       |                      |
|                       |        |        |      | CSI: TC=0.44/1.00 (D-E:1), BC=0.61/1.00 (G-H:1), WB=0.62/1.00 (E-G:1), SS=0.58/1.00 (F-G: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 = 0.50                                                                  |                                              |                                                                       |                      |
|                       |        |        |      | TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT.  |                                              |                                                                       |                      |
|                       |        |        |      | NAIL VALUES                                                                                        |                                              |                                                                       |                      |
|                       |        |        |      | PLATE GRIP (PS)                                                                                    | SHEAR (PS)                                   | SECTION (PS)                                                          |                      |
|                       |        |        |      | MAX MIN                                                                                            | MAX MIN                                      | MAX MIN                                                               |                      |
|                       |        |        |      | MT20                                                                                               | 618                                          | 354                                                                   | 822 2284 1656        |
|                       |        |        |      | PLATE PLACEMENT TOL = 0.250 inches                                                                 |                                              |                                                                       |                      |
|                       |        |        |      | PLATE ROTATION TOL = 5.0 Deg.                                                                      |                                              |                                                                       |                      |
|                       |        |        |      | JSI GRIP= 0.90 (H) (INPUT = 0.90)                                                                  |                                              |                                                                       |                      |
|                       |        |        |      | JSI METAL = 0.53 (A) (INPUT = 1.00)                                                                |                                              |                                                                       |                      |





per

DWG NO. TAM 17718-18  
STRUCTURAL  
COMPONENT ONLY

|                                                       |                   |               |          |                            |          |
|-------------------------------------------------------|-------------------|---------------|----------|----------------------------|----------|
| JOB NAME<br>296552<br>Tamarack Roof Truss, Burlington | TRUSS NAME<br>T33 | QUANTITY<br>1 | PLY<br>1 | JOB DESC.<br>OBC2012_6TCDL | DRWG NO. |
|-------------------------------------------------------|-------------------|---------------|----------|----------------------------|----------|

Version 8.200 S Jan 6 2018 Mitek Industries, Inc. Fri Apr 6 08:17:53 2018 Page 2  
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| FACTORED CONCENTRATED LOADS (LBS) |         |     |      |      | FACE |      | DIR. |      | TYPE  |       |
|-----------------------------------|---------|-----|------|------|------|------|------|------|-------|-------|
| JT                                | LOC.    | LC1 | MAX- | MAX+ | BACK | VERT | BACK | VERT | TOTAL | TOTAL |
| R                                 | 1-0-12  | -41 | -72  | —    | BACK | VERT | BACK | VERT | TOTAL | TOTAL |
| S                                 | 3-0-12  | -41 | -72  | —    | BACK | VERT | BACK | VERT | TOTAL | TOTAL |
| T                                 | 5-0-12  | -41 | -72  | —    | BACK | VERT | BACK | VERT | TOTAL | TOTAL |
| U                                 | 7-0-12  | -41 | -72  | —    | BACK | VERT | BACK | VERT | TOTAL | TOTAL |
| V                                 | 11-0-12 | -41 | -72  | —    | BACK | VERT | BACK | VERT | TOTAL | TOTAL |
| W                                 | 13-0-12 | -41 | -72  | —    | BACK | VERT | BACK | VERT | TOTAL | TOTAL |
| X                                 | 15-0-12 | -41 | -72  | —    | BACK | VERT | BACK | VERT | TOTAL | TOTAL |
| Y                                 | 16-11-4 | -41 | -72  | —    | BACK | VERT | BACK | VERT | TOTAL | TOTAL |



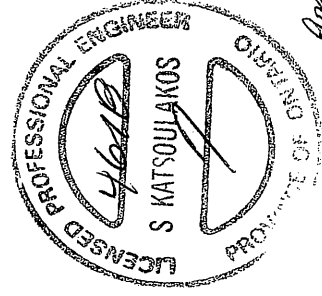
|          |            |          |     |             |               |          |
|----------|------------|----------|-----|-------------|---------------|----------|
| JOB NAME | TRUSS NAME | QUANTITY | PLY | JOB DESC.   | OBC2012_8TCDL | DRWG NO. |
| 287686   | T33S       | 1        | 1   | TRUSS DESC. |               |          |

Tamarack Roof Truss, Burlington

Version 8.200 S Jan 6 2018 Mitek Industries, Inc. Fri Apr 6 08:17:01 2018 Page 2  
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| FACTORED CONCENTRATED LOADS (LBS) |         |      |      |      | FACE  | DIR  | TYPE  |
|-----------------------------------|---------|------|------|------|-------|------|-------|
| JT                                | LOC.    | LC1  | MAX- | MAX+ |       |      |       |
| F                                 | 13-7-0  | -48  | -53  | ---  | FRONT | VERT | DEAD  |
| F                                 | 13-7-0  | -308 | -308 | ---  | FRONT | VERT | SNOW  |
| O                                 | 9-0-12  | -124 | -124 | ---  | BACK  | VERT | TOTAL |
| T                                 | 5-0-12  | -150 | -150 | ---  | BACK  | VERT | TOTAL |
| U                                 | 7-0-12  | -130 | -130 | ---  | BACK  | VERT | TOTAL |
| V                                 | 11-0-12 | -130 | -130 | ---  | BACK  | VERT | TOTAL |
| W                                 | 13-0-12 | -157 | -157 | ---  | BACK  | VERT | TOTAL |
| X                                 | 1-0-12  | -49  | -85  | ---  | BACK  | VERT | TOTAL |
| Y                                 | 3-0-12  | -124 | -124 | ---  | BACK  | VERT | TOTAL |
| Z                                 | 5-0-12  | -124 | -124 | ---  | BACK  | VERT | TOTAL |
| AA                                | 7-0-12  | -124 | -124 | ---  | BACK  | VERT | TOTAL |
| AB                                | 11-0-12 | -124 | -124 | ---  | BACK  | VERT | TOTAL |
| AC                                | 13-0-12 | -124 | -124 | ---  | BACK  | VERT | TOTAL |
| AD                                | 15-0-12 | -124 | -124 | ---  | BACK  | VERT | TOTAL |
| AE                                | 16-11-4 | -41  | -72  | ---  | BACK  | VERT | TOTAL |

JSI GRIP= 0.88 (B) (INPUT = 0.90 )  
JSI METAL= 0.55 (B) (INPUT = 1.00 )



for

DWG NO. TAM 17704-18  
STRUCTURAL  
COMPONENT ONLY

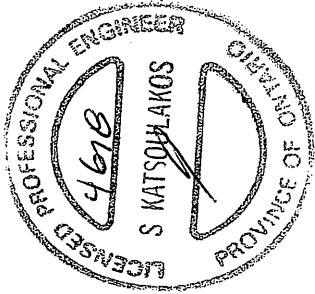
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**NOTES-** (1)  
1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.









1042  
DWG NO. TAM 1743-18  
STRUCTURAL  
COMPONENT ONLY

| JOB NAME<br>296553<br>Tamarack Roof Truss, Burlington                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |        | TRUSS NAME<br>T41 |      | QUANTITY<br>1 | PLY<br>2                     | JOB DESC.<br>res-2012 | DRWG NO. |   |   |   |        |      |     |     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |    |      |     |      |      |      |      |      |  |  |  |  |  |       |      |       |   |        |     |     |   |                              |                |  |    |        |     |     |   |                              |                |  |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-------------------|------|---------------|------------------------------|-----------------------|----------|---|---|---|--------|------|-----|-----|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|----|------|-----|------|------|------|------|------|--|--|--|--|--|-------|------|-------|---|--------|-----|-----|---|------------------------------|----------------|--|----|--------|-----|-----|---|------------------------------|----------------|--|
| Version 8.200 S Jan 6 2018 Mitek Industries, Inc. Fri Apr 6 06:28:23 2018 Page 2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |        |                   |      |               |                              |                       |          |   |   |   |        |      |     |     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |    |      |     |      |      |      |      |      |  |  |  |  |  |       |      |       |   |        |     |     |   |                              |                |  |    |        |     |     |   |                              |                |  |
| ID: hWcqW8pXqWkMkAY2lwE4ySozE-zZw5lbQMgG9 LDDy9Jm32M2x78GReqhnlKRXzTVQM                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |        |                   |      |               |                              |                       |          |   |   |   |        |      |     |     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |    |      |     |      |      |      |      |      |  |  |  |  |  |       |      |       |   |        |     |     |   |                              |                |  |    |        |     |     |   |                              |                |  |
| <p><b>PLATES (table is in inches)</b></p> <table border="1"><thead><tr><th>JT TYPE</th><th>PLATES</th><th>W</th><th>LEN</th><th>Y</th><th>X</th></tr></thead><tbody><tr><td>S</td><td>BMW1-1</td><td>MT20</td><td>5.0</td><td>8.0</td><td></td></tr></tbody></table> <p>Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.</p>                                                                                                                                                                                                                                                             |        |                   |      | JT TYPE       | PLATES                       | W                     | LEN      | Y | X | S | BMW1-1 | MT20 | 5.0 | 8.0 |  | <p><b>FACTORED CONCENTRATED LOADS (LBS)</b></p> <table border="1"><thead><tr><th>JT</th><th>LOC.</th><th>LC1</th><th>MAX.</th><th>MAX+</th><th>FACE</th><th>DIR.</th><th>TYPE</th></tr><tr><th></th><th></th><th></th><th></th><th></th><th>FRONT</th><th>VERT</th><th>TOTAL</th></tr></thead><tbody><tr><td>Z</td><td>9-11-4</td><td>-40</td><td>-70</td><td>-</td><td>FRONT<td>VERT<td></td></td></td></tr><tr><td>AA</td><td>11-7-4</td><td>-40</td><td>-70</td><td>-</td><td>FRONT<td>VERT<td></td></td></td></tr></tbody></table> |  |  |  | JT | LOC. | LC1 | MAX. | MAX+ | FACE | DIR. | TYPE |  |  |  |  |  | FRONT | VERT | TOTAL | Z | 9-11-4 | -40 | -70 | - | FRONT <td>VERT<td></td></td> | VERT <td></td> |  | AA | 11-7-4 | -40 | -70 | - | FRONT <td>VERT<td></td></td> | VERT <td></td> |  |
| JT TYPE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | PLATES | W                 | LEN  | Y             | X                            |                       |          |   |   |   |        |      |     |     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |    |      |     |      |      |      |      |      |  |  |  |  |  |       |      |       |   |        |     |     |   |                              |                |  |    |        |     |     |   |                              |                |  |
| S                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | BMW1-1 | MT20              | 5.0  | 8.0           |                              |                       |          |   |   |   |        |      |     |     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |    |      |     |      |      |      |      |      |  |  |  |  |  |       |      |       |   |        |     |     |   |                              |                |  |    |        |     |     |   |                              |                |  |
| JT                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | LOC.   | LC1               | MAX. | MAX+          | FACE                         | DIR.                  | TYPE     |   |   |   |        |      |     |     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |    |      |     |      |      |      |      |      |  |  |  |  |  |       |      |       |   |        |     |     |   |                              |                |  |    |        |     |     |   |                              |                |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |        |                   |      |               | FRONT                        | VERT                  | TOTAL    |   |   |   |        |      |     |     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |    |      |     |      |      |      |      |      |  |  |  |  |  |       |      |       |   |        |     |     |   |                              |                |  |    |        |     |     |   |                              |                |  |
| Z                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 9-11-4 | -40               | -70  | -             | FRONT <td>VERT<td></td></td> | VERT <td></td>        |          |   |   |   |        |      |     |     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |    |      |     |      |      |      |      |      |  |  |  |  |  |       |      |       |   |        |     |     |   |                              |                |  |    |        |     |     |   |                              |                |  |
| AA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 11-7-4 | -40               | -70  | -             | FRONT <td>VERT<td></td></td> | VERT <td></td>        |          |   |   |   |        |      |     |     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |    |      |     |      |      |      |      |      |  |  |  |  |  |       |      |       |   |        |     |     |   |                              |                |  |    |        |     |     |   |                              |                |  |
| <p><b>HANGERS NOTES</b></p> <p>1) SPECIAL HANGERS(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 386.5 lbs FACTORED DOWN AT 5-10-8, 133.3 lbs FACTORED DOWN AT 7-11-4, AND 133.3 lbs FACTORED DOWN AT 9-11-4, AND 133.3 lbs FACTORED DOWN AT 11-7-4 ON TOP CHORD, AND 74.5 lbs FACTORED DOWN AT 1-11-4, 69.9 lbs FACTORED DOWN AT 3-11-4, 69.9 lbs FACTORED DOWN AT 5-11-4, 69.9 lbs FACTORED DOWN AT 7-11-4, 69.9 lbs FACTORED DOWN AT 9-11-4, AND 69.9 lbs FACTORED DOWN AT 11-7-4, AND 1937.9 lbs CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.</p> |        |                   |      |               |                              |                       |          |   |   |   |        |      |     |     |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  |  |  |    |      |     |      |      |      |      |      |  |  |  |  |  |       |      |       |   |        |     |     |   |                              |                |  |    |        |     |     |   |                              |                |  |

DWG NO. TAM 1779-18  
STRUCTURAL  
COMPONENT ONLY

|                                 |            |          |     |               |          |
|---------------------------------|------------|----------|-----|---------------|----------|
| JOB NAME                        | TRUSS NAME | QUANTITY | PLY | JOB DESC.     | DRWG NO. |
| 287656                          | T41S       | 1        | 2   | OBC2012_6TCDL |          |
| Tamarack Roof Truss, Burlington |            |          |     |               |          |

Version 8.200 S Jan 6 2018 Mitek Industries, Inc. Fri Apr 6 08:25:30 2018 Page 2  
ID:hWcplW8rXgWkmKAY2LwE4ySozE-RHo5n8V6gTjlvzKKCYZhmW01OPLUE7bw4s3zTV13

PLATES (table is in inches)

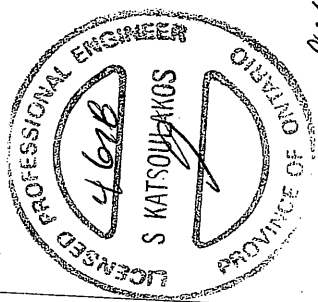
| JT TYPE | PLATES        | W    | LEN  | Y         | X    |
|---------|---------------|------|------|-----------|------|
| J       | TTWW-m MT20   | 6.0  | 9.0  | 2.00      | 2.75 |
| J       | TMBVWW-m MT20 | 10.0 | 16.0 | Edge 6.00 |      |
| K       | TMBVW-p MT20  | 5.0  | 8.0  | 2.00      | 2.75 |
| M       | BMWV-l MT20   | 5.0  | 6.0  |           |      |
| N       | BMV-p MT20    | 3.0  | 6.0  |           |      |
| O       | BMVW-l MT20   | 4.0  | 6.0  |           |      |
| P       | BMVW-l MT20   | 5.0  | 12.0 |           |      |
| Q       | BMVW-l MT20   | 7.0  | 12.0 | 4.75      | 7.25 |
| R       | BMV-p MT20    | 3.0  | 6.0  |           |      |
| S       | BMVW-l MT20   | 6.0  | 12.0 | 2.75      | 4.00 |
| T       | BMVW-l MT20   | 4.0  | 6.0  |           |      |
| U       | BMVW-l MT20   | 5.0  | 8.0  |           |      |

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

HANGERS NOTES

- 1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 566.5 lbs FACTORED DOWN AT 5-10-8, 135.3 lbs FACTORED DOWN AT 7-11-4, AND 135.3 lbs FACTORED DOWN AT 9-11-4, AND 135.3 lbs FACTORED DOWN AT 11-7-4 ON TOP CHORD, AND 74.5 lbs FACTORED DOWN AT 1-11-4, 69.9 lbs FACTORED DOWN AT 3-11-4, 69.9 lbs FACTORED DOWN AT 5-11-4, 69.9 lbs FACTORED DOWN AT 7-11-4, AND 69.9 lbs FACTORED DOWN AT 9-11-4, AND 69.9 lbs FACTORED DOWN AT 11-7-4, AND 1965.2 lbs FACTORED DOWN AT 12-4-8 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.

| JT | LOC    | LC1   | MAX-  | MAX+ | FACE  | DIR. | TYPE  |
|----|--------|-------|-------|------|-------|------|-------|
| Y  | 1-11-4 | -39   | -74   | ---  | FRONT | VERT | TOTAL |
| Z  | 3-11-4 | -40   | -70   | ---  | FRONT | VERT | TOTAL |
| AA | 7-11-4 | -40   | -70   | ---  | FRONT | VERT | TOTAL |
| AB | 11-7-4 | -40   | -70   | ---  | FRONT | VERT | TOTAL |
| AC | 12-4-8 | -1965 | -1965 | ---  | FRONT | VERT | TOTAL |



per  
DWG NO. TAM 17719-08  
STRUCTURAL  
COMPONENT ONLY

A circular professional engineer seal for the Province of Ontario. The outer ring contains the text "PROFESSIONAL ENGINEER" at the top and "PROVINCE OF ONTARIO" at the bottom. The inner circle features the license number "4678" on the left, the name "S. KATSOULAROS" in the center, and a stylized "P.E." on the right.

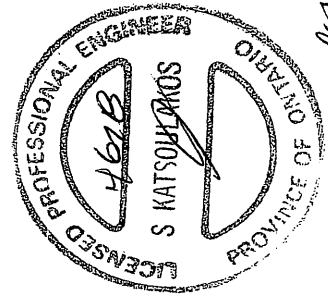




|                                 |            |          |     |               |          |
|---------------------------------|------------|----------|-----|---------------|----------|
| JOB NAME                        | TRUSS NAME | QUANTITY | PLY | JOB DESC.     | DRWG NO. |
| 287656                          | T43        | 1        | 3   | OBC2012_6TODL |          |
| Tamarack Roof Truss, Burlington |            |          |     |               |          |

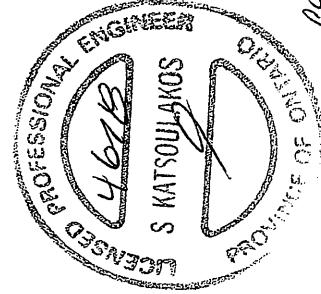
Version 8.200 S Jan 6 2018 MitTek Industries, Inc. Fri Apr 6 08:25:31 2018 Page 2  
ID:hVwqV8f7XigVKmKAY2LwE4ySozE-vTMT?UWkzcZlv49H1DR5nEaAorR88nENEFp9PwZTV12

**HANGERS NOTES**  
1) SPECIAL HANGERS(S) OR CONNECTION(S)  
REQUIRED TO SUPPORT CONCENTRATED  
LOAD(S) 1463.1 lbs FACTORED DOWN AT 1-6-4,  
1095.4 lbs FACTORED DOWN AT 3-8-4, AND  
2823.8 lbs FACTORED DOWN AT 4-3-0, AND  
11613.4 lbs FACTORED DOWN AT 6-3-12 ON  
BOTTOM CHORD. DESIGN FOR UNSPECIFIED  
CONNECTION(S) IS DELEGATED TO THE  
BUILDING DESIGNER.



1622  
DWG NO. TAM 1772-1-18  
STRUCTURAL  
COMPONENT ONLY



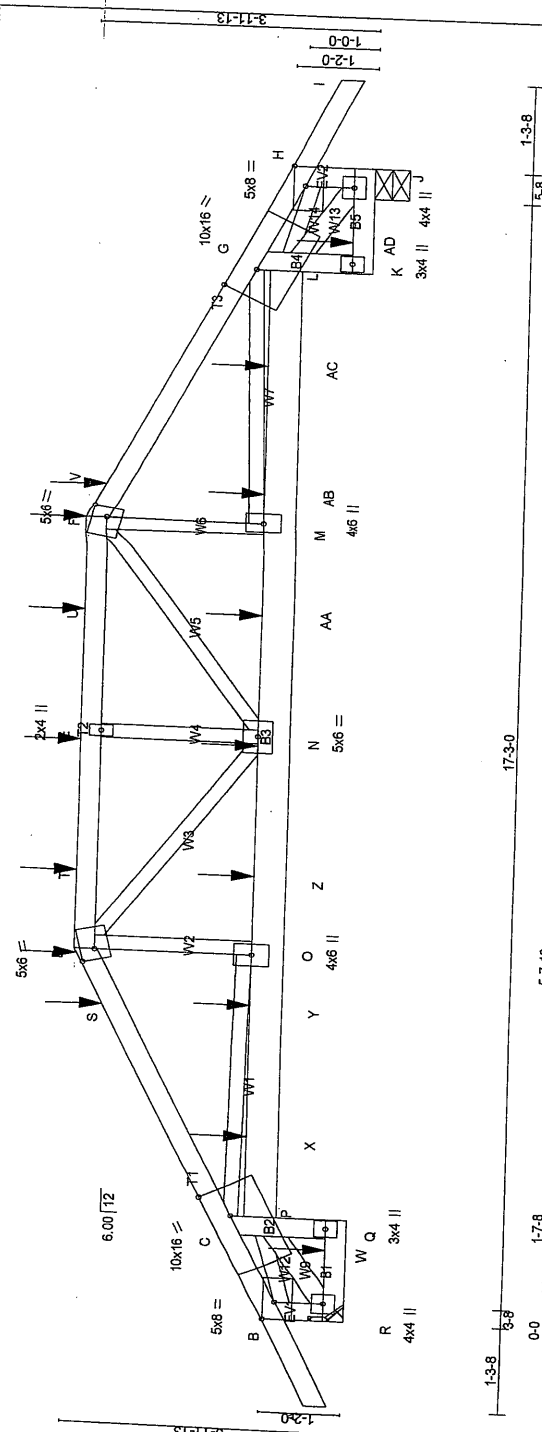


7  
DWG NO. TAM17245-48  
STRUCTURAL  
COMPONENT ONLY

|                                 |            |          |     |             |          |          |
|---------------------------------|------------|----------|-----|-------------|----------|----------|
| JOB NAME                        | TRUSS NAME | QUANTITY | PLY | JOB DESC.   | res-2012 | DRWG NO. |
| 296553                          | T44        | 1        | 1   | TRUSS DESC. |          |          |
| Tamarack Roof Truss, Burlington |            |          |     |             |          |          |

Version 8.200 S Jan 6 2018 Milltek Industries, Inc. Fri Apr 6 08:28:24 2018 Page 2  
ID:hWcgW8P2XqWKnKAY2LWE4yS0zE-LJHJec27700bVqPWsc?cGuDXXV0A4E10d4iz\_zTVdL

| FACTORED CONCENTRATED LOADS (LBS) |         |     |      |      | FACE  | DIR. | TYPE  |
|-----------------------------------|---------|-----|------|------|-------|------|-------|
| JT                                | LOC.    | LC1 | MAX- | MAX+ |       |      |       |
| R                                 | 10-10-5 | -51 | -51  | -    | FRONT | VERT | TOTAL |
| S                                 | 12-10-5 | -80 | -80  | -    | FRONT | VERT | TOTAL |
| T                                 | 1-1-11  | -19 | -33  | -    | FRONT | VERT | TOTAL |
| U                                 | 2-10-5  | -19 | -33  | -    | FRONT | VERT | TOTAL |
| V                                 | 4-10-5  | -18 | -33  | -    | FRONT | VERT | TOTAL |
| W                                 | 6-10-5  | -19 | -33  | -    | FRONT | VERT | TOTAL |
| X                                 | 10-10-5 | -19 | -33  | -    | FRONT | VERT | TOTAL |
| Y                                 | 12-10-5 | -19 | -33  | -    | FRONT | VERT | TOTAL |
| Z                                 | 14-10-5 | -19 | -33  | -    | FRONT | VERT | TOTAL |
| AA                                | 16-10-5 | -19 | -33  | -    | FRONT | VERT | TOTAL |

[illegible]

| S.S. (table is in inches) |        | W    |      |      |      | X   |     |      |      |
|---------------------------|--------|------|------|------|------|-----|-----|------|------|
| TYPE                      | PLATES | W    | LEN  | Y    | X    | W   | LEN | Y    | X    |
| MT20                      | MT20   | 5.0  | 8.0  | 2.00 | 3.50 | 5.0 | 8.0 | 2.00 | 3.50 |
| MBVWVWVW*-MT20            |        | 10.0 | 16.0 | Edge | 5.25 |     |     |      |      |
| TWVW-m                    | MT20   | 5.0  | 6.0  | 2.50 | 2.00 |     |     |      |      |
| WVW-w                     | MT20   | 2.0  | 4.0  |      |      |     |     |      |      |
| MBVWVWVW*-MT20            |        | 5.0  | 6.0  | 2.50 | 2.00 |     |     |      |      |
| WVW-w                     | MT20   | 10.0 | 16.0 | Edge | 5.25 |     |     |      |      |
| WVW-p                     | MT20   | 5.0  | 8.0  | 2.00 | 3.50 |     |     |      |      |
| WVW1+p                    | MT20   | 4.0  | 4.0  |      |      |     |     |      |      |
| WVW-p                     | MT20   | 3.0  | 4.0  |      |      |     |     |      |      |
| WVW-w                     | MT20   | 4.0  | 6.0  |      |      |     |     |      |      |
| WVW-w                     | MT20   | 5.0  | 6.0  |      |      |     |     |      |      |
| WVW-w                     | MT20   | 4.0  | 6.0  |      |      |     |     |      |      |
| WVW-p                     | MT20   | 3.0  | 4.0  |      |      |     |     |      |      |
| WVW1+p                    | MT20   | 4.0  | 4.0  |      |      |     |     |      |      |

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

\*\*\* NON STANDARD GIRDER \*\*\*

ADDT'L USER-DEFINED LOADS APPLIED TO ALL LOAD CASES.

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBC0 2010

THIS DESIGN COMPLIES WITH:

- PART 9 OF OBC 2012, BCBC 2012, ABC 2014

- CSA 086-09

- TPC 2011

DESIGN ASSUMPTIONS

- OVERHANG NOT TO BE ALTERED OR CUT OFF.

(55 % OF 43.9 P.S.F. G.S.L PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD

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

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THIS DESIGN COMPLIES WITH:

- PART 9 OF OBC 2012

| GENERAL NOTES |          | REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 288.8 lbs FACTORED DOWN AT 5.7'-10, 11.8 lbs FACTORED DOWN AT 12.4'-6, 111.4 lbs FACTORED DOWN AT 4'-10.5, 98.8 lbs FACTORED DOWN AT 8'-10.5, AND 98.8 lbs FACTORED DOWN AT 10'-10.5, AND 127.2 lbs FACTORED DOWN AT 12'-10.5 ON TOP CHORD, 49.2 lbs FACTORED DOWN AT 1'-11, 9.7 lbs FACTORED DOWN AT 2'-10.5, 9.7 lbs FACTORED DOWN AT 4'-10.5, 9.7 lbs FACTORED DOWN AT 8'-10.5, 9.7 lbs FACTORED DOWN AT 10'-10.5, 9.7 lbs FACTORED DOWN AT 12'-10.5, 9.7 lbs FACTORED DOWN AT 14'-10.5, AND 49.2 lbs FACTORED DOWN AT 16'-10.5 ON BOTTOM RD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE ENGINEERING DESIGNER. |                |       |
|---------------|----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-------|
| R- W          | 0 / 307  | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.07 (1) | 10.00 |
| W- Q          | 0 / 307  | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.07 (1) | 10.00 |
| Q- P          | 0 / 74   | 0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.0 0.45 (1)   | 10.00 |
| P- C          | 0 / 129  | 0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.0 0.44 (1)   | 10.00 |
| P- X          | 0 / 3902 | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.55 (1) | 10.00 |
| X- Y          | 0 / 3902 | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.55 (1) | 10.00 |
| Y- O          | 0 / 3902 | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.55 (1) | 10.00 |
| O- Z          | 0 / 3026 | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.47 (1) | 10.00 |
| Z- N          | 0 / 3026 | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.47 (1) | 10.00 |
| N- A          | 0 / 3035 | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.47 (1) | 10.00 |
| A- M          | 0 / 3035 | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.47 (1) | 10.00 |
| M- B          | 0 / 3991 | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.55 (1) | 10.00 |
| B- A          | 0 / 3991 | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.55 (1) | 10.00 |
| A- C          | 0 / 3991 | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.55 (1) | 10.00 |
| C- L          | 0 / 74   | 0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.0 0.44 (1)   | 10.00 |
| L- G          | 0 / 128  | 0.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.0 0.44 (1)   | 10.00 |
| G- K          | 0 / 307  | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.07 (1) | 10.00 |
| K- A          | 0 / 307  | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.07 (1) | 10.00 |
| A- D          | 0 / 307  | -28.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | -28.0 0.07 (1) | 10.00 |

| FACTORED CONCENTRATED LOADS (LBS) |        |      |      | FACE | DIR.  | TYPE  |
|-----------------------------------|--------|------|------|------|-------|-------|
| JT                                | LOC.   | LC1  | MAX- | MAX+ | FRONT | DEAD  |
| D                                 | 5-7-10 | -36  | -41  | ---  | FRONT | SNOW  |
| D                                 | 5-7-10 | -233 | -233 | ---  | FRONT | TOTAL |
| E                                 | 8-10-5 | -99  | -99  | ---  | FRONT | TOTAL |

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

DWG NO. TAM 1722-08

STRUCTURAL

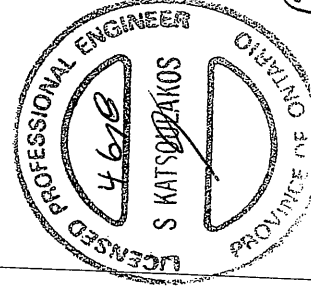
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|                                 |            |          |     |               |          |
|---------------------------------|------------|----------|-----|---------------|----------|
| JOB NAME                        | TRUSS NAME | QUANTITY | PLY | JOB DESC.     | DRWG NO. |
| 287656                          | T44S       | 1        | 1   | OBC2012_6TCDL |          |
| Tamarack Roof Truss, Burlington |            |          |     |               |          |

Version 8 200 S Jan 6 2018 MITek Industries, Inc. Fri Apr 6 08:25:31 2018 Page 2  
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| FACTORED CONCENTRATED LOADS (LBS) |         |      |      |      | FACE  | DIR. | TYPE  |
|-----------------------------------|---------|------|------|------|-------|------|-------|
| JT                                | LOC.    | LC1  | MAX- | MAX+ |       |      |       |
| F                                 | 12-4-6  | -36  | -41  | —    | FRONT | VERT | DEAD  |
| F                                 | 12-4-6  | -233 | -233 | —    | FRONT | VERT | SNOW  |
| N                                 | 8-10-5  | -6   | -10  | —    | FRONT | VERT | TOTAL |
| S                                 | 4-10-5  | -111 | -111 | —    | FRONT | VERT | TOTAL |
| T                                 | 6-10-5  | -89  | -89  | —    | FRONT | VERT | TOTAL |
| U                                 | 10-10-5 | -89  | -89  | —    | FRONT | VERT | TOTAL |
| V                                 | 12-10-5 | -127 | -127 | —    | FRONT | VERT | TOTAL |
| W                                 | 1-1-11  | -28  | -49  | —    | FRONT | VERT | TOTAL |
| X                                 | 2-10-5  | -6   | -10  | —    | FRONT | VERT | TOTAL |
| Y                                 | 4-10-5  | -6   | -10  | —    | FRONT | VERT | TOTAL |
| Z                                 | 6-10-5  | -6   | -10  | —    | FRONT | VERT | TOTAL |
| AA                                | 10-10-5 | -6   | -10  | —    | FRONT | VERT | TOTAL |
| AB                                | 12-10-5 | -6   | -10  | —    | FRONT | VERT | TOTAL |
| AC                                | 14-10-5 | -6   | -10  | —    | FRONT | VERT | TOTAL |
| AD                                | 16-10-5 | -28  | -49  | —    | FRONT | VERT | TOTAL |

JSI GRIP= 0.90 (C) (INPUT = 0.90 )  
JSI METAL= 0.58 (B) (INPUT = 1.00 )



DWG NO. TAM 1772-08  
STRUCTURAL  
COMPONENT ONLY



[illegible]

**DESIGN CRITERIA**

TOP CH. LL = 32.5 PSF

BOT CH. LL = 10.5 PSF

TOTAL LOAD = 86.0 PSF

**SPACING = 24.0 IN. OC**

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, NBC 2010

THIS DESIGN COMPLIES WITH:

- PART 9 OF CBC 2012, CBC 2012, ASCE 2014
- CSA 086-09
- TPIC 2011

DESIGN ASSUMPTIONS

- OVERHANG NOT TO BE ALTERED OR CUT OFF.
- (55% OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEF. (LL) = L/860 (0.60")

ALLOWABLE DEF. (TL) = L/999 (0.14")

ALLOWABLE DEF. (TL) = L/860 (0.60")

ALLOWABLE DEF. (TL) = L/928 (0.23")

CSI: TC=0.30/1.00 (C-D:1), BC=0.52/1.00 (M-N:2), WB=0.49/1.00 (L-M:1), SS=0.27/1.00 (H-M: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 = 0.50

AUTOSOLVE LEFT 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)

MAX MIN MAX MIN

MT20 618 354 1667 822 2284 1556

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.84 (H) (INPUT = 0.90)

JSI METAL= 0.65 (I) (INPUT = 1.00)

**DESIGN CRITERIA**

TOP CH. LL = 32.5 PSF

BOT CH. LL = 10.5 PSF

TOTAL LOAD = 86.0 PSF

**SPACING = 24.0 IN. OC**

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, NBC 2010

THIS DESIGN COMPLIES WITH:

- PART 9 OF CBC 2012, CBC 2012, ASCE 2014
- CSA 086-09
- TPIC 2011

DESIGN ASSUMPTIONS

- OVERHANG NOT TO BE ALTERED OR CUT OFF.
- (55% OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEF. (LL) = L/860 (0.60")

ALLOWABLE DEF. (TL) = L/999 (0.14")

ALLOWABLE DEF. (TL) = L/860 (0.60")

ALLOWABLE DEF. (TL) = L/928 (0.23")

CSI: TC=0.30/1.00 (C-D:1), BC=0.52/1.00 (M-N:2), WB=0.49/1.00 (L-M:1), SS=0.27/1.00 (H-M: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 = 0.50

AUTOSOLVE LEFT 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)

MAX MIN MAX MIN

MT20 618 354 1667 822 2284 1556

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.84 (H) (INPUT = 0.90)

JSI METAL= 0.65 (I) (INPUT = 1.00)

DWG NO. TAM 17723-18

STRUCTURAL COMPONENT ONLY

**DESIGN CRITERIA**

TOP CH. LL = 32.5 PSF

BOT CH. LL = 10.5 PSF

TOTAL LOAD = 86.0 PSF

**SPACING = 24.0 IN. OC**

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, NBC 2010

THIS DESIGN COMPLIES WITH:

- PART 9 OF CBC 2012, CBC 2012, ASCE 2014
- CSA 086-09
- TPIC 2011

DESIGN ASSUMPTIONS

- OVERHANG NOT TO BE ALTERED OR CUT OFF.
- (55% OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEF. (LL) = L/860 (0.60")

ALLOWABLE DEF. (TL) = L/999 (0.14")

ALLOWABLE DEF. (TL) = L/860 (0.60")

ALLOWABLE DEF. (TL) = L/928 (0.23")

CSI: TC=0.30/1.00 (C-D:1), BC=0.52/1.00 (M-N:2), WB=0.49/1.00 (L-M:1), SS=0.27/1.00 (H-M: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 = 0.50

AUTOSOLVE LEFT 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)

MAX MIN MAX MIN

MT20 618 354 1667 822 2284 1556

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.84 (H) (INPUT = 0.90)

JSI METAL= 0.65 (I) (INPUT = 1.00)

DWG NO. TAM 17723-18

STRUCTURAL COMPONENT ONLY

**DESIGN CRITERIA**

TOP CH. LL = 32.5 PSF

BOT CH. LL = 10.5 PSF

TOTAL LOAD = 86.0 PSF

**SPACING = 24.0 IN. OC**

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, NBC 2010

THIS DESIGN COMPLIES WITH:

- PART 9 OF CBC 2012, CBC 2012, ASCE 2014
- CSA 086-09
- TPIC 2011

DESIGN ASSUMPTIONS

- OVERHANG NOT TO BE ALTERED OR CUT OFF.
- (55% OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEF. (LL) = L/860 (0.60")

ALLOWABLE DEF. (TL) = L/999 (0.14")

ALLOWABLE DEF. (TL) = L/860 (0.60")

ALLOWABLE DEF. (TL) = L/928 (0.23")

CSI: TC=0.30/1.00 (C-D:1), BC=0.52/1.00 (M-N:2), WB=0.49/1.00 (L-M:1), SS=0.27/1.00 (H-M: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 = 0.50

AUTOSOLVE LEFT 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)

MAX MIN MAX MIN

MT20 618 354 1667 822 2284 1556

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.84 (H) (INPUT = 0.90)

JSI METAL= 0.65 (I) (INPUT = 1.00)

DWG NO. TAM 17723-18

STRUCTURAL COMPONENT ONLY

**DESIGN CRITERIA**

TOP CH. LL = 32.5 PSF

BOT CH. LL = 10.5 PSF

TOTAL LOAD = 86.0 PSF

**SPACING = 24.0 IN. OC**

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, NBC 2010

THIS DESIGN COMPLIES WITH:

- PART 9 OF CBC 2012, CBC 2012, ASCE 2014
- CSA 086-09
- TPIC 2011

DESIGN ASSUMPTIONS

- OVERHANG NOT TO BE ALTERED OR CUT OFF.
- (55% OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEF. (LL) = L/860 (0.60")

ALLOWABLE DEF. (TL) = L/999 (0.14")

ALLOWABLE DEF. (TL) = L/860 (0.60")

ALLOWABLE





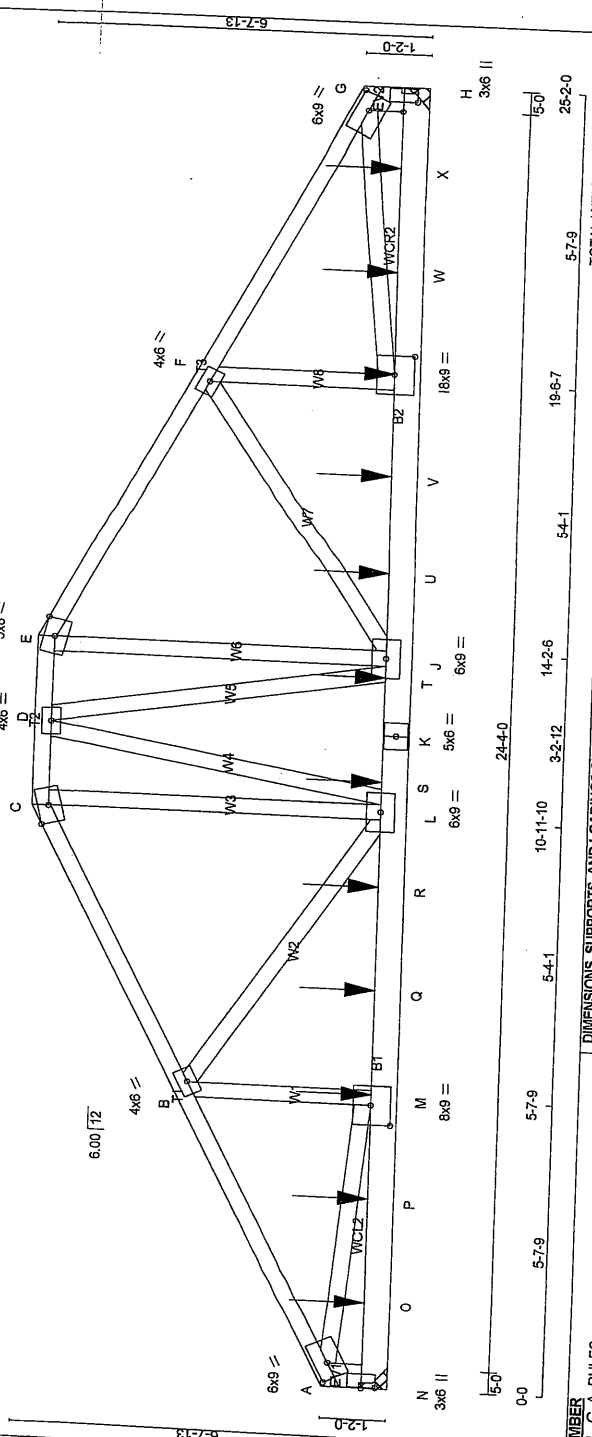




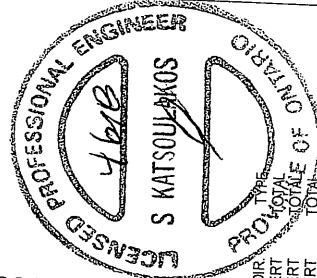
|                                 |                          |                      |                 |                            |          |
|---------------------------------|--------------------------|----------------------|-----------------|----------------------------|----------|
| JOB NAME<br><b>287656</b>       | TRUSS NAME<br><b>T50</b> | QUANTITY<br><b>1</b> | PLY<br><b>3</b> | JOB DESC.<br>OBC2012_6TODL | DRWG NO. |
| Tamarack Roof Truss, Burlington |                          |                      |                 |                            |          |

Version 8.200 S Jan 6 2018 Mittek Industries, Inc. Fri Apr 6 08:25:33 2018 Page 1  
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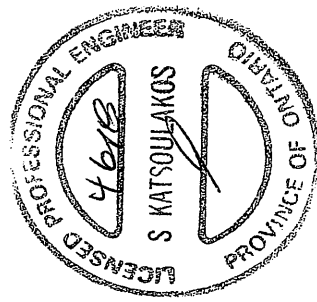
| LUMBER                                                                           |        |      |        | DESIGN CRITERIA                                                                                   |                  |                    |                  |
|----------------------------------------------------------------------------------|--------|------|--------|---------------------------------------------------------------------------------------------------|------------------|--------------------|------------------|
| N.L.G.A. RULES                                                                   | CHORDS | SIZE | DESCR. | FACTORED                                                                                          | MAXIMUM FACTORED | INPUT              | REQD             |
| A - C                                                                            | 2x4    | DRY  | SPF    | VERT                                                                                              | GROSS REACTION   | BRG                | BRG              |
| E - G                                                                            | 2x4    | DRY  | SPF    | VERT                                                                                              | DOWN             | UPLIFT             | IN-SX            |
| H - A                                                                            | 2x6    | DRY  | SPF    | VERT                                                                                              | HORZ             | MIN. SEAT SIZE: 50 | HANGER BY OTHERS |
| N - K                                                                            | 2x6    | DRY  | SPF    | VERT                                                                                              | HORZ             | MIN. SEAT SIZE: 50 | HANGER BY OTHERS |
| K - H                                                                            | 2x6    | DRY  | SPF    | VERT                                                                                              | HORZ             | MIN. SEAT SIZE: 50 | HANGER BY OTHERS |
| ALL WEBS                                                                         | 2x4    | DRY  | SPF    | VERT                                                                                              | HORZ             | MIN. SEAT SIZE: 50 | HANGER BY OTHERS |
| EXCEPT                                                                           | 2x4    | DRY  | SPF    | VERT                                                                                              | HORZ             | MIN. SEAT SIZE: 50 | HANGER BY OTHERS |
| DRY: SEASONED LUMBER.                                                            |        |      |        | LOADING IN FLAT SECTION BASED ON A SLOPE OF 6.00/12                                               |                  |                    |                  |
| DESIGN CONSISTS OF 3 TRUSSES BUILT SEPARATELY THEN FASTENED TOGETHER AS FOLLOWS: |        |      |        | THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2010        |                  |                    |                  |
| CHORDS #ROWS                                                                     |        |      |        | THIS DESIGN COMPLIES WITH:                                                                        |                  |                    |                  |
| TOP CHORDS: (0.122"x3") SPIRAL NAILS                                             |        |      |        | - CSA 086-09                                                                                      |                  |                    |                  |
| C - C                                                                            |        |      |        | - TPIC 2011                                                                                       |                  |                    |                  |
| C - E                                                                            |        |      |        | (65% OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD |                  |                    |                  |
| E - G                                                                            |        |      |        | ALLOWABLE DEFL.(LL) = L/360 (0.84")                                                               |                  |                    |                  |
| G - A                                                                            |        |      |        | CALCULATED VERT. DEFL.(LL) = L/998 (0.21")                                                        |                  |                    |                  |
| A - A                                                                            |        |      |        | ALLOWABLE DEFL.(LL) = L/360 (0.84")                                                               |                  |                    |                  |
| A - C                                                                            |        |      |        | CALCULATED VERT. DEFL.(LL) = L/887 (0.34")                                                        |                  |                    |                  |
| C - E                                                                            |        |      |        | CSI: TO=0.88/1.00 (F-G-1) BG=0.48/1.00 (H-J-1) WB=0.84/1.00 (G-1), SS=0.40/1.00 (WH-1)            |                  |                    |                  |
| E - G                                                                            |        |      |        | DOL LUMBER=1.00 NAIL=1.00 LS BEND=1.10                                                            |                  |                    |                  |
| G - A                                                                            |        |      |        | COMP=1.10 SHEAR=1.10 TENS=1.10                                                                    |                  |                    |                  |
| A - A                                                                            |        |      |        | COMPANION LIVE LOAD FACTOR = 0.50                                                                 |                  |                    |                  |
| A - C                                                                            |        |      |        | TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT. |                  |                    |                  |
| C - E                                                                            |        |      |        | NAIL VALUES                                                                                       |                  |                    |                  |
| E - G                                                                            |        |      |        | PLATE GRIP(DRY) SHEAR SECTION                                                                     |                  |                    |                  |
| G - A                                                                            |        |      |        | (PS) (PL) (PL)                                                                                    |                  |                    |                  |
| A - A                                                                            |        |      |        | MAX MIN MAX MIN MAX MIN                                                                           |                  |                    |                  |
| A - C                                                                            |        |      |        | MT20 618 354 1667 822 2284 1656                                                                   |                  |                    |                  |
| C - E                                                                            |        |      |        | PLATE PLACEMENT TOL = 0.250 inches                                                                |                  |                    |                  |
| E - G                                                                            |        |      |        | PLATE ROTATION TOL = 5.0 Deg.                                                                     |                  |                    |                  |
| G - A                                                                            |        |      |        | JSI GRIP= 0.89 (A) (INPUT = 0.90)                                                                 |                  |                    |                  |
| A - A                                                                            |        |      |        | JSI METAL= 0.97 (A) (INPUT = 1.00)                                                                |                  |                    |                  |



16

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                      |                 |                            |          |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|----------------------------|----------|
| JOB NAME<br><b>287656</b><br>Tamarack Roof Truss, Burlington                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | TRUSS NAME<br><b>T50</b> | QUANTITY<br><b>1</b> | PLY<br><b>3</b> | JOB DESC.<br>OBC2012_6TCDL | DRWG NO. |
| Version 8.200 S Jan 6 2018 Mitek Industries, Inc. Fri Apr 6 08:25:33 2018 Page 2<br>ID:hWcgW8f?XgWkMkAY2lWE4/SozE-rsUEQAXnObsHaDDX7SGvACJt5c91cgF9hZ9TOzTV0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                          |                      |                 |                            |          |
| <p><b>HANGERS NOTES</b></p> <p>1) SPECIAL HANGERS(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 1657.2 lbs FACTORED DOWN AT 1-8-4, 1657.2 lbs FACTORED DOWN AT 3-8-4, 1657.2 lbs FACTORED DOWN AT 5-8-4, 1657.2 lbs FACTORED DOWN AT 7-8-4, 1657.2 lbs FACTORED DOWN AT 9-8-4, 1657.2 lbs FACTORED DOWN AT 11-8-4, 1657.2 lbs FACTORED DOWN AT 13-8-4, 1657.2 lbs FACTORED DOWN AT 15-8-4, 1657.2 lbs FACTORED DOWN AT 17-8-4, 1657.2 lbs FACTORED DOWN AT 19-8-4, AND 1657.2 lbs FACTORED DOWN AT 21-8-4, AND 1657.2 lbs FACTORED DOWN AT 23-8-4 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.</p> |                          |                      |                 |                            |          |



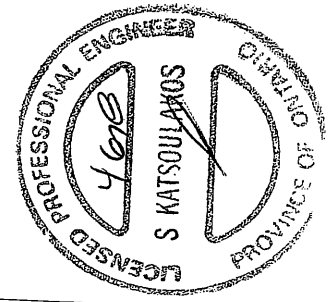
per  
DWG NO. TAM 17728-18  
STRUCTURAL  
COMPONENT ONLY

## HANGERS NOTES

|                                 |            |          |     |               |          |
|---------------------------------|------------|----------|-----|---------------|----------|
| JOB NAME                        | TRUSS NAME | QUANTITY | PLY | JOB DESC.     | DRWG NO. |
| 287656                          | T51        | 1        | 2   | OBC2012_6TCDL |          |
| Tamarack Roof Truss, Burlington |            |          |     |               |          |

Version 8.200 S Jan 6 2018 Mitek Industries, Inc. Fri Apr 6 08:25:34 2018 Page 2  
ID:hWcqW8rXqWKmKAY2LwE4ySoZE-J2TcdWYP9u 8CNokZ9n8jPsBq?Y8LDQpwDUI?9ZTVI?

**HANGERS NOTES**  
1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 808.7 lbs FACTORED DOWN AT 16-10-6 ON TOP CHORD, AND 2161.4 lbs FACTORED DOWN AT 16-1-8, 71.7 lbs FACTORED DOWN AT 16-9-12, 71.7 lbs FACTORED DOWN AT 17-11-4, 71.7 lbs FACTORED DOWN AT 19-11-4, AND 71.7 lbs FACTORED DOWN AT 21-11-4, AND 71.7 lbs FACTORED DOWN AT 23-11-4 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.

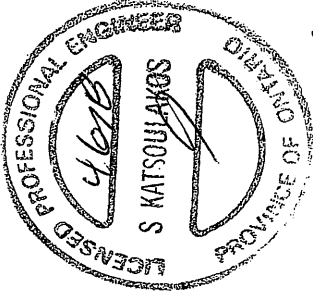


287656  
DWG NO. TAM 17729-8-  
STRUCTURAL  
COMPONENT ONLY



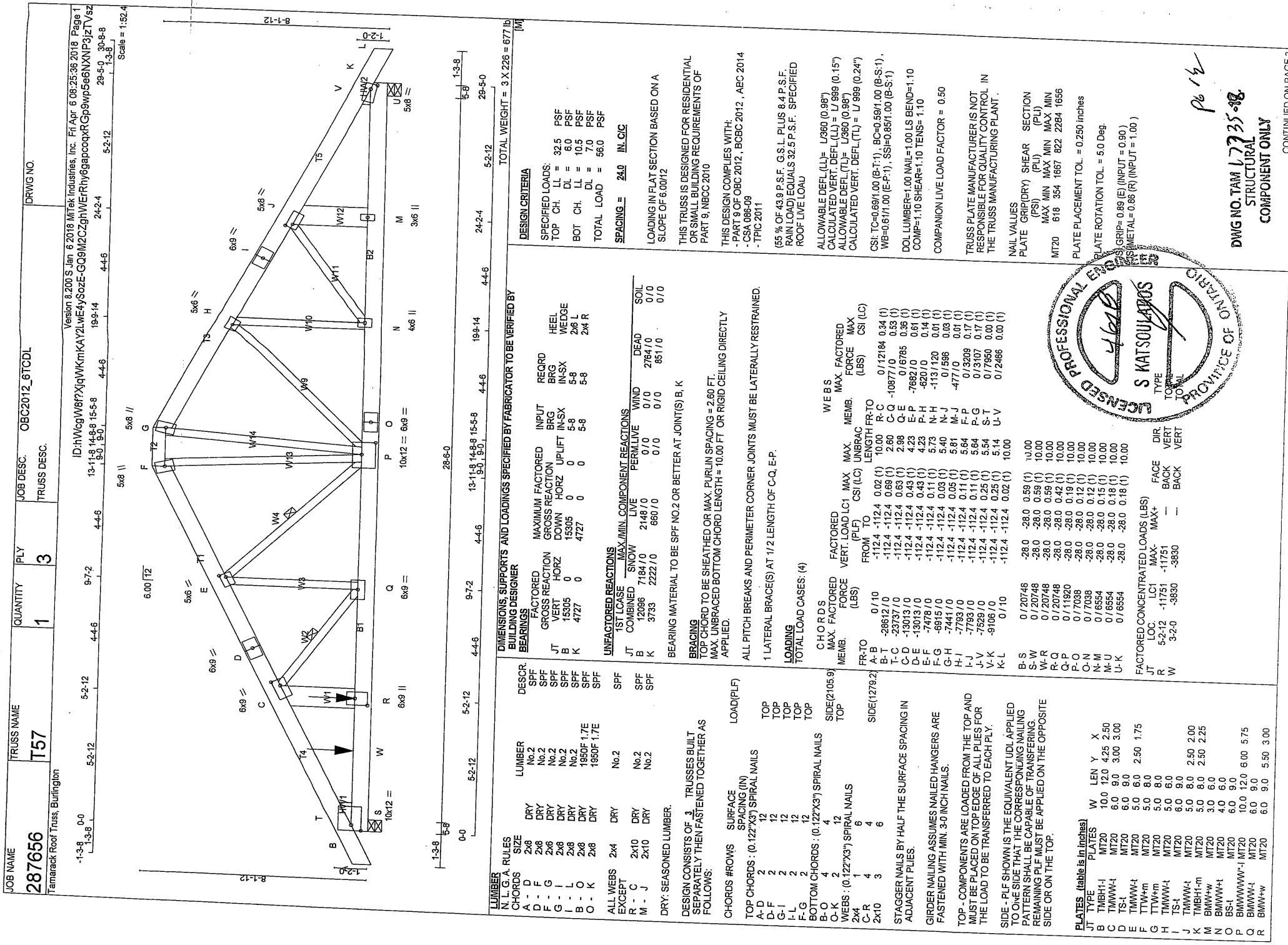




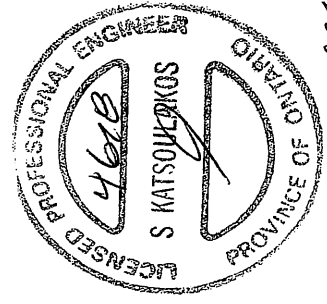
|                                                                                                                                                                                                                                                                                                                          |                   |               |          |                          |               |          |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|---------------|----------|--------------------------|---------------|----------|
| JOB NAME<br>287656<br>Tamarack Roof Truss, Burlington                                                                                                                                                                                                                                                                    | TRUSS NAME<br>T54 | QUANTITY<br>1 | PLY<br>2 | JOB DESC.<br>TRUSS DESC. | OBC2012_6TCDL | DRWG NO. |
| Version 6.200 S Jan 6 2018 MITek Industries Inc. Fri Apr 6 08:25:35 2018 Page 2<br>ID:hWcgW8r7XqWkmAY2LwE4ySozE-oEb rsZ1wC67qXNw6lNFdOJ7PqH4gYZ8ferYHzTVI                                                                                                                                                                |                   |               |          |                          |               |          |
| <p>Edge - INDICATES REFERENCE CORNER OF PLATE TOUCHES EDGE OF CHORD.</p> <p><b>HANGERS NOTES</b><br/>1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 3202.1 lbs FACTORED DOWN AT 12'-7.8 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.</p> |                   |               |          |                          |               |          |
| <div><p>2/2<br/>DWG NO. TAM 17732-8<br/>STRUCTURAL<br/>COMPONENT ONLY</p></div>                                                                                                                                                       |                   |               |          |                          |               |          |







|                                                                                                                                                                                                                                                                                         |                          |                      |                 |                            |          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|----------------------|-----------------|----------------------------|----------|
| JOB NAME<br><b>287656</b><br>Tamarack Roof Truss, Burlington                                                                                                                                                                                                                            | TRUSS NAME<br><b>T57</b> | QUANTITY<br><b>1</b> | PLY<br><b>3</b> | JOB DESC.<br>OBC2012_6TODL | DRWG NO. |
| <p>Version 8.200 S Jan 6 2018 MiTek Industries, Inc. Fri Apr 6 08:25:36 2018 Page 2<br/> ID:hWcgW8r7XiqWKmKAY2LvE4ySozE-GQ9M2CZghWErRhY6apacqRGP9wp5e6NXNP3JzTVSz</p>                                                                                                                   |                          |                      |                 |                            |          |
| <p><b>HANGERS NOTES</b><br/> 1) SPECIAL HANGER(S) OR CONNECTION(S) REQUIRED TO SUPPORT CONCENTRATED LOAD(S) 3829.5 lbs FACTORED DOWN AT 3-2-0, AND 11730.6 lbs FACTORED DOWN AT 5-2-12 ON BOTTOM CHORD. DESIGN FOR UNSPECIFIED CONNECTION(S) IS DELEGATED TO THE BUILDING DESIGNER.</p> |                          |                      |                 |                            |          |



  
DWG NO. TAM 17735-18  
STRUCTURAL  
COMPONENT ONLY

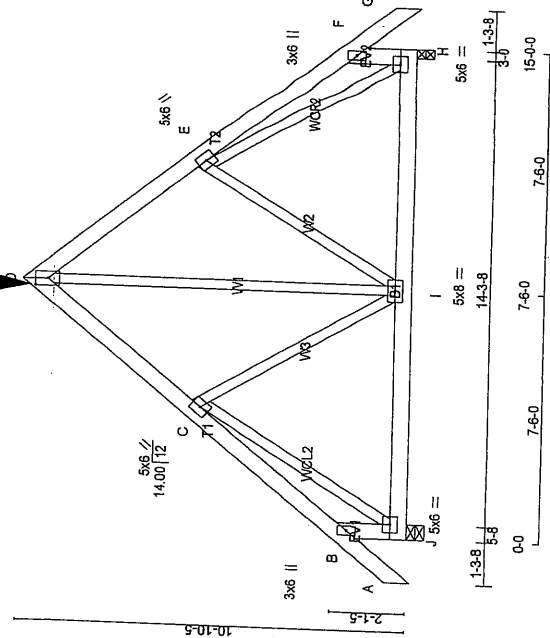






N. L. G. A. RULES  
 CHORDS  
 A - C  
 C - E  
 E - G  
 G - I  
 I - K  
 K - L  
 L - M  
 M - N  
 N - O  
 O - P  
 P - Q  
 Q - R  
 R - S  
 S - T  
 T - U  
 U - V  
 V - W  
 W - X  
 X - Y  
 Y - Z  
 Z - AA  
 AA - AB  
 AB - AC  
 AC - AD  
 AD - AE  
 AE - AF  
 AF - AG  
 AG - AH  
 AH - AI  
 AI - AJ  
 AJ - AK  
 AK - AL  
 AL - AM  
 AM - AN  
 AN - AO  
 AO - AP  
 AP - AQ  
 AQ - AR  
 AR - AS  
 AS - AT  
 AT - AU  
 AU - AV  
 AV - AW  
 AW - AX  
 AX - AY  
 AY - AZ  
 AZ - BA  
 BA - BB  
 BB - BC  
 BC - BD  
 BD - BE  
 BE - BF  
 BF - BG  
 BG - BH  
 BH - BI  
 BI - BJ  
 BJ - BK  
 BK - BL  
 BL - BM  
 BM - BN  
 BN - BO  
 BO - BP  
 BP - BQ  
 BQ - BR  
 BR - BS  
 BS - BT  
 BT - BU  
 BU - BV  
 BV - BW  
 BW - BX  
 BX - BY  
 BY - BZ  
 BZ - CA  
 CA - CB  
 CB - CC  
 CC - CD  
 CD - CE  
 CE - CF  
 CF - CG  
 CG - CH  
 CH - CI  
 CI - CJ  
 CJ - CK  
 CK - CL  
 CL - CM  
 CM - CN  
 CN - CO  
 CO - CP  
 CP - CQ  
 CQ - CR  
 CR - CS  
 CS - CT  
 CT - CU  
 CU - CV  
 CV - CW  
 CW - CX  
 CX - CY  
 CY - CZ  
 CZ - DA  
 DA - DB  
 DB - DC  
 DC - DD  
 DD - DE  
 DE - DF  
 DF - DG  
 DG - DH  
 DH - DI  
 DI - DJ  
 DJ - DK  
 DK - DL  
 DL - DM  
 DM - DN  
 DN - DO  
 DO - DP  
 DP - DQ  
 DQ - DR  
 DR - DS  
 DS - DT  
 DT - DU  
 DU - DV  
 DV - DW  
 DW - DX  
 DX - DY  
 DY - DZ  
 DZ - EA  
 EA - EB  
 EB - EC  
 EC - ED  
 ED - EE  
 EE - EF  
 EF - EG  
 EG - EH  
 EH - EI  
 EI - EJ  
 EJ - EK  
 EK - EL  
 EL - EM  
 EM - EN  
 EN - EO  
 EO - EP  
 EP - EQ  
 EQ - ER  
 ER - ES  
 ES - ET  
 ET - EU  
 EU - EV  
 EV - EW  
 EW - EX  
 EX - EY  
 EY - EZ  
 EZ - FA  
 FA - FB  
 FB - FC  
 FC - FD  
 FD - FE  
 FE - FG  
 FG - FH  
 FH - FI  
 FI - FJ  
 FJ - FK  
 FK - FL  
 FL - FM  
 FM - FN  
 FN - FO  
 FO - FP  
 FP - FQ  
 FQ - FR  
 FR - FS  
 FS - FT  
 FT - FU  
 FU - FV  
 FV - FW  
 FW - FX  
 FX - FY  
 FY - FZ  
 FZ - GA  
 GA - GB  
 GB - GC  
 GC - GD  
 GD - GE  
 GE - GF  
 GF - GG  
 GG - GH  
 GH - GI  
 GI - GJ  
 GJ - GK  
 GK - GL  
 GL - GM  
 GM - GN  
 GN - GO  
 GO - GP  
 GP - GQ  
 GQ - GR  
 GR - GS  
 GS - GT  
 GT - GU  
 GU - GV  
 GV - GW  
 GW - GX  
 GX - GY  
 GY - GZ  
 GZ - HA  
 HA - HB  
 HB - HC  
 HC - HD  
 HD - HE  
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 HJ - HK  
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 HO - HP  
 HP - HQ  
 HQ - HR  
 HR - HS  
 HS - HT  
 HT - HU  
 HU - HV  
 HV - HW  
 HW - HX  
 HX - HY  
 HY - HZ  
 HZ - IA  
 IA - IB  
 IB - IC  
 IC - ID  
 ID - IE  
 IE - IF  
 IF - IG  
 IG - IH  
 IH - II  
 II - IJ  
 IJ - IK  
 IK - IL  
 IL - IM  
 IM - IN  
 IN - IO  
 IO - IP  
 IP - IQ  
 IQ - IR  
 IR - IS  
 IS - IT  
 IT - IU  
 IU - IV  
 IV - IW  
 IW - IX  
 IX - IY  
 IY - IZ  
 IZ - JA  
 JA - JB  
 JB - JC  
 JC - JD  
 JD - JE  
 JE - JF  
 JF - JG  
 JG - JH  
 JH - JI  
 JI - JJ  
 JJ - JK  
 JK - JL  
 JL - JM  
 JM - JN  
 JN - JO  
 JO - JP  
 JP - JQ  
 JQ - JR  
 JR - JS  
 JS - JT  
 JT - JU  
 JU - JV  
 JV - JW  
 JW - JX  
 JX - JY  
 JY - JZ  
 JZ - KA  
 KA - KB  
 KB - KC  
 KC - KD  
 KD - KE  
 KE - KF  
 KF - KG  
 KG - KH  
 KH - KI  
 KI - KJ  
 KJ - KL  
 KL - KM  
 KM - KN  
 KN - KO  
 KO - KP  
 KP - KQ  
 KQ - KR  
 KR - KS  
 KS - KT  
 KT - KU  
 KU - KV  
 KV - KW  
 KW - KX  
 KX - KY  
 KY - KZ  
 KZ - LA  
 LA - LB  
 LB - LC  
 LC - LD  
 LD - LE  
 LE - LF  
 LF - LG  
 LG - LH  
 LH - LI  
 LI - LJ  
 LJ - LK  
 LK - LL  
 LL - LM  
 LM - LN  
 LN - LO  
 LO - LP  
 LP - LQ  
 LQ - LR  
 LR - LS  
 LS - LT  
 LT - LU  
 LU - LV  
 LV - LW  
 LW - LX  
 LX - LY  
 LY - LZ  
 LZ - MA  
 MA - MB  
 MB - MC  
 MC - MD  
 MD - ME  
 ME - MF  
 MF - MG  
 MG - MH  
 MH - MI  
 MI - MJ  
 MJ - MK  
 MK - ML  
 ML - MN  
 MN - MO  
 MO - MP  
 MP - MQ  
 MQ - MR  
 MR - MS  
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 ND - NE  
 NE - NF  
 NF - NG  
 NG - NH  
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 NJ - NK  
 NK - NL  
 NL - NM  
 NM - NO  
 NO - NP  
 NP - NQ  
 NQ - NR  
 NR - NS  
 NS - NT  
 NT - NU  
 NU - NV  
 NV - NW  
 NW - NX  
 NX - NY  
 NY - NZ  
 NZ - OA  
 OA - OB  
 OB - OC  
 OC - OD  
 OD - OE  
 OE - OF  
 OF - OG  
 OG - OH  
 OH - OI  
 OI - OJ  
 OJ - OK  
 OK - OL  
 OL - OM  
 OM - ON  
 ON - OO  
 OO - OP  
 OP - OQ  
 OQ - OR  
 OR - OS  
 OS - OT  
 OT - OU  
 OU - OV  
 OV - OW  
 OW - OX  
 OX - OY  
 OY - OZ  
 OZ - PA  
 PA - PB  
 PB - PC  
 PC - PD  
 PD - PE  
 PE - PF  
 PF - PG  
 PG - PH  
 PH - PI  
 PI - PJ  
 PJ - PK  
 PK - PL  
 PL - PM  
 PM - PN  
 PN - PO  
 PO - PP  
 PP - PQ  
 PQ - PR  
 PR - PS  
 PS - PT  
 PT - PU  
 PU - PV  
 PV - PW  
 PW - PX  
 PX - PY  
 PY - PZ  
 PZ - QA  
 QA - QB  
 QB - QC  
 QC - QD  
 QD - QE  
 QE - QF  
 QF - QG  
 QG - QH  
 QH - QI  
 QI - QJ  
 QJ - QK  
 QK - QL  
 QL - QM  
 QM - QN  
 QN - QO  
 QO - QP  
 QP - QQ  
 QQ - QR  
 QR - QS  
 QS - QT  
 QT - QU  
 QU - QV  
 QV - QW  
 QW - QX  
 QX - QY  
 QY - QZ  
 QZ - RA  
 RA - RB  
 RB - RC  
 RC - RD  
 RD - RE  
 RE - RF  
 RF - RG  
 RG - RH  
 RH - RI  
 RI - RJ  
 RJ - RK  
 RK - RL  
 RL - RM  
 RM - RN  
 RN - RO  
 RO - RP  
 RP - RQ  
 RQ - RR  
 RR - RS  
 RS - RT  
 RT - RU  
 RU - RV  
 RV - RW  
 RW - RX  
 RX - RY  
 RY - RZ  
 RZ - SA  
 SA - SB  
 SB - SC  
 SC - SD  
 SD - SE  
 SE - SF  
 SF - SG  
 SG - SH  
 SH - SI  
 SI - SJ  
 SJ - SK  
 SK - SL  
 SL - SM  
 SM - SN  
 SN - SO  
 SO - SP  
 SP - SQ  
 SQ - SR  
 SR - SS  
 SS - ST  
 ST - SU  
 SU - SV  
 SV - SW  
 SW - SX  
 SX - SY  
 SY - SZ  
 SZ - TA  
 TA - TB  
 TB - TC  
 TC - TD  
 TD - TE  
 TE - TF  
 TF - TG  
 TG - TH  
 TH - TI  
 TI - TJ  
 TJ - TK  
 TK - TL  
 TL - TM  
 TM - TN  
 TN - TO  
 TO - TP  
 TP - TQ  
 TQ - TR  
 TR - TS  
 TS - TT  
 TT - TU  
 TU - TV  
 TV - TW  
 TW - TX  
 TX - TY  
 TY - TZ  
 TZ - UA  
 UA - UB  
 UB - UC  
 UC - UD  
 UD - UE  
 UE - UF  
 UF - UG  
 UG - UH  
 UH - UI  
 UI - UJ  
 UJ - UK  
 UK - UL  
 UL - UM  
 UM - UN  
 UN - UO  
 UO - UP  
 UP - UQ  
 UQ - UR  
 UR - US  
 US - UT  
 UT - UV  
 UV - UW  
 UW - UX  
 UX - UY  
 UY - UZ  
 U

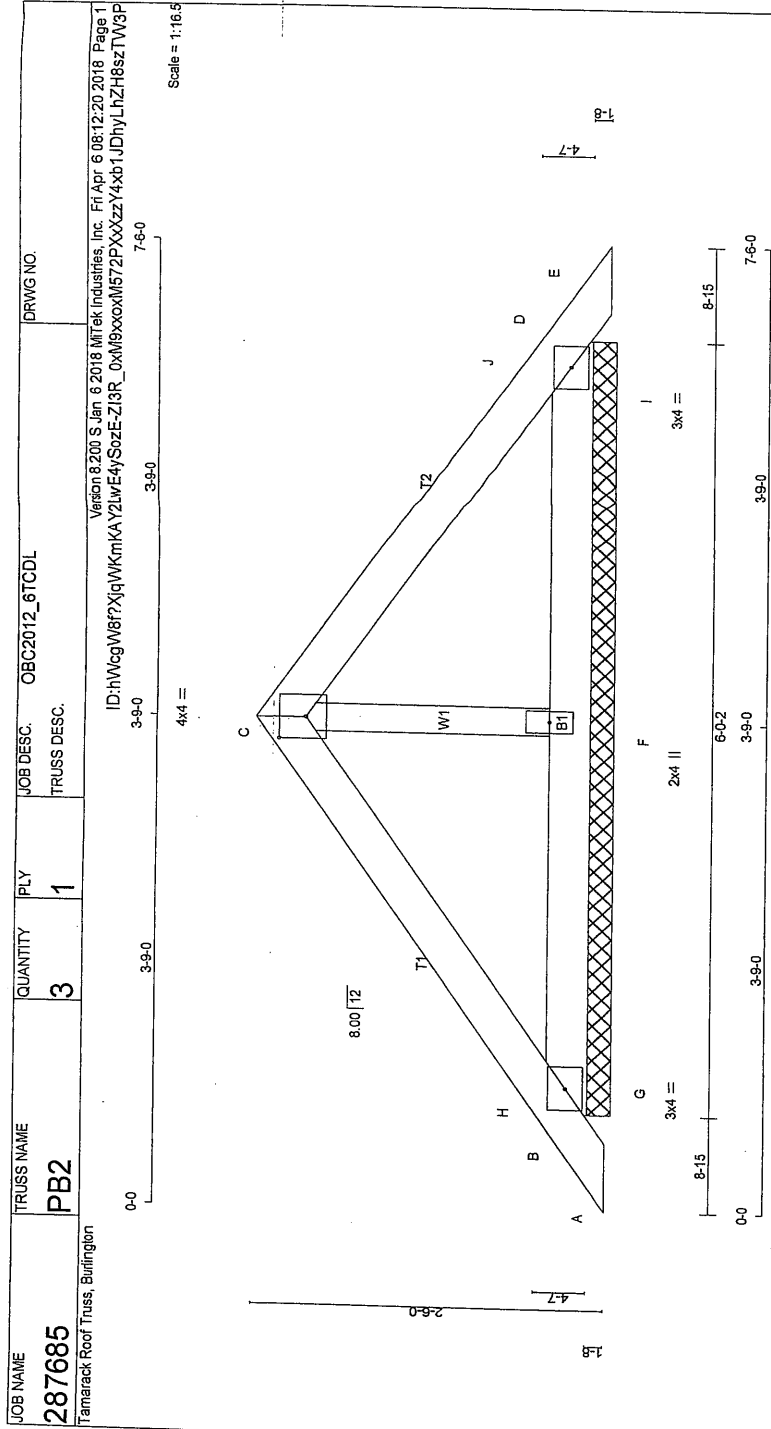


[illegible]









| LUMBER |   | N.L.G.A. RULES |     | CHORDS |      | SIZE |     | LUMBER |      | DESCR. |   |
|--------|---|----------------|-----|--------|------|------|-----|--------|------|--------|---|
| A      | C | 2x4            | DRY | SPF    | No.2 | 3.0  | 4.0 | W      | LEN  | Y      | X |
| B      | H | 2x4            | DRY | SPF    | No.2 | 4.0  | 4.0 | 2.25   | 2.00 |        |   |
| C      | E | 2x4            | DRY | SPF    | No.2 | 3.0  | 4.0 |        |      |        |   |
| D      | I | 2x4            | DRY | SPF    | No.2 | 3.0  | 4.0 |        |      |        |   |
| E      | J | 2x3            | DRY | SPF    | No.2 | 2.0  | 4.0 |        |      |        |   |
| F      |   | 2x3            | DRY | SPF    | No.2 | 2.0  | 4.0 |        |      |        |   |
| G      |   | 2x3            | DRY | SPF    | No.2 | 2.0  | 4.0 |        |      |        |   |
| H      |   | 2x3            | DRY | SPF    | No.2 | 2.0  | 4.0 |        |      |        |   |
| I      |   | 2x3            | DRY | SPF    | No.2 | 2.0  | 4.0 |        |      |        |   |
| J      |   | 2x3            | DRY | SPF    | No.2 | 2.0  | 4.0 |        |      |        |   |

| DESIGN CRITERIA                                                                                   |                            |
|---------------------------------------------------------------------------------------------------|----------------------------|
| SPECIFIED LOADS:                                                                                  |                            |
| TOP CH. LL                                                                                        | = 32.5 PSF                 |
| DL                                                                                                | = 6.0 PSF                  |
| BOT CH. LL                                                                                        | = 10.5 PSF                 |
| DL                                                                                                | = 7.0 PSF                  |
| TOTAL LOAD                                                                                        | = 56.0 PSF                 |
| SPACING                                                                                           | = 24.0 IN. C/C             |
| THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBC 2010         |                            |
| THIS DESIGN COMPLIES WITH:                                                                        |                            |
| - PART 9 OF OBC 2012, CBC 2012, ABC 2014                                                          |                            |
| - CSA 086-09                                                                                      |                            |
| - TPC 2011                                                                                        |                            |
| (55% OF 43.8 P.S.F. G.S.L. PLUS 3.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD |                            |
| CSI: TC=0.12/1.00 (C-H:1), BC=0.12/1.00 (B-G:1), WB=0.02/1.00 (C-E:1), SS=0.21/1.00 (D-I: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 = 0.50                                                                 |                            |
| TRUSS PLATE MANUFACTURER IS NOT RESPONSIBLE FOR QUALITY CONTROL IN THE TRUSS MANUFACTURING PLANT. |                            |
| NAIL VALUES                                                                                       |                            |
| PLATE GRIP(DRY)                                                                                   | SHEAR SECTION (PSI) (PLI)  |
| MT20                                                                                              | 618 354 1667 822 2284 1656 |
| PLATE PLACEMENT TOL. = 0.250 inches                                                               |                            |
| PLATE ROTATION TOL. = 5.0 Deg.                                                                    |                            |
| JSI GRIP= 0.26 (a) (INPUT = 0.90)                                                                 |                            |
| JSI METAL= 0.06 (b) (INPUT = 1.00)                                                                |                            |

| DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER |                     |
|-----------------------------------------------------------------------------------------------|---------------------|
| BEARINGS                                                                                      |                     |
| JT                                                                                            | VERT. HORZ. DOWN UP |
| B                                                                                             | 324 0 0 0           |
| D                                                                                             | 324 0 0 0           |
| F                                                                                             | 346 0 0 0           |

| UNFACTORED REACTIONS |                                              |
|----------------------|----------------------------------------------|
| JT                   | COMBINED SNOW LIVE PERM. LIVE WIND DEAD SOIL |
| B                    | 243 165/0 29/0 0/0 0/0 50/0 0/0              |
| D                    | 243 165/0 29/0 0/0 0/0 50/0 0/0              |
| F                    | 289 146/0 69/0 0/0 0/0 73/0 0/0              |

| LOADING |        |
|---------|--------|
| CHORDS  |        |
| MEMB.   |        |
| FR-TO   |        |
| A-B     | 0/19   |
| B-H     | -57/0  |
| H-C     | -117/0 |
| C-J     | -117/0 |
| J-D     | -57/0  |
| D-E     | 0/19   |
| B-G     | 0/92   |
| G-F     | 0/92   |
| F-I     | 0/92   |

| TOTAL LOAD CASES: (4) |        |
|-----------------------|--------|
| CHORDS                |        |
| MEMB.                 |        |
| FR-TO                 |        |
| A-B                   | 0/19   |
| B-H                   | -57/0  |
| H-C                   | -117/0 |
| C-J                   | -117/0 |
| J-D                   | -57/0  |
| D-E                   | 0/19   |
| B-G                   | 0/92   |
| G-F                   | 0/92   |
| F-I                   | 0/92   |

| NOTES: |                                                                                                                       |
|--------|-----------------------------------------------------------------------------------------------------------------------|
| (1)    | Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.2.3.13.11, and no less than 2x4 for Part 4 design. |

PLATES (table is in inches)

|    |        |        |     |     |      |      |
|----|--------|--------|-----|-----|------|------|
| JT | TYPE   | PLATES | W   | LEN | Y    | X    |
| B  | TM61-I | MT20   | 3.0 | 4.0 |      |      |
| C  | TTW-P  | MT20   | 4.0 | 4.0 | 2.25 | 2.00 |
| D  | TM61-I | MT20   | 3.0 | 4.0 |      |      |
| F  | BMW1+W | MT20   | 2.0 | 4.0 |      |      |

DESIGN CRITERIA

SPECIFIED LOADS:

TOP CH. LL = 32.5 PSF

DL = 6.0 PSF

BOT CH. LL = 10.5 PSF

DL = 7.0 PSF

TOTAL LOAD = 56.0 PSF

SPACING = 24.0 IN. C/C

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBC 2010

THIS DESIGN COMPLIES WITH:

- PART 9 OF OBC 2012, CBC 2012, ABC 2014

- CSA 086-09

- TPC 2011

(55% OF 43.8 P.S.F. G.S.L. PLUS 3.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD

CSI: TC=0.12/1.00 (C-H:1), BC=0.12/1.00 (B-G:1), WB=0.02/1.00 (C-E:1), SS=0.21/1.00 (D-I: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 = 0.50

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

NAIL VALUES

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

MT20 618 354 1667 822 2284 1656

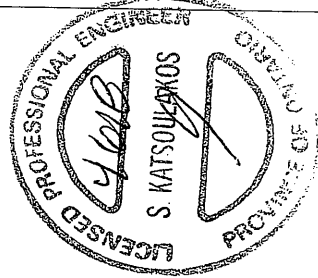
PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

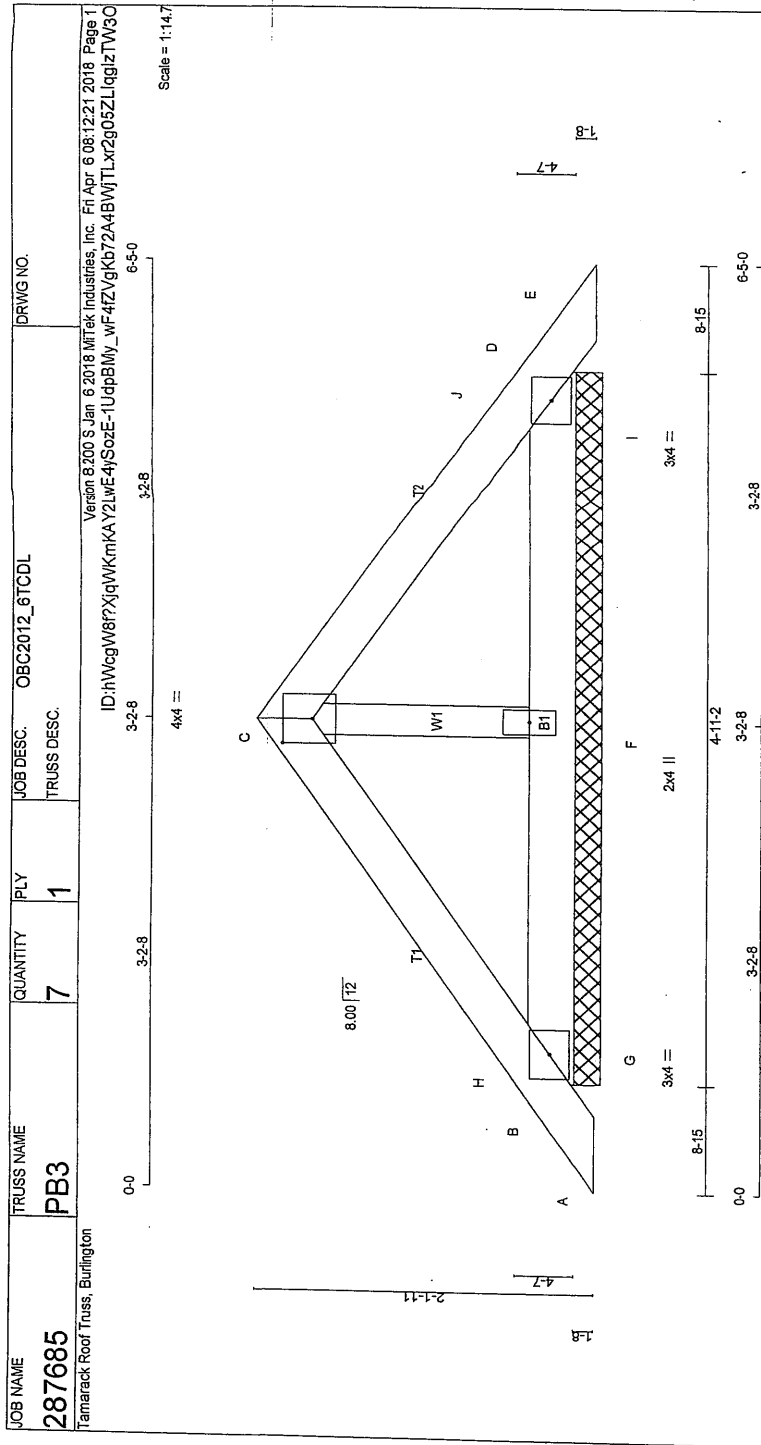
JSI GRIP= 0.26 (a) (INPUT = 0.90)

JSI METAL= 0.06 (b) (INPUT = 1.00)

TOTAL WEIGHT = 3 X 19 = 56 lb



DWG NO. TAM 17607-18  
STRUCTURAL  
COMPONENT ONLY



| LUMBER                |     | N.L.G.A. RULES |     | LUMBER |     | DESCR. |      |
|-----------------------|-----|----------------|-----|--------|-----|--------|------|
| CHORDS                |     | SIZE           |     | W      |     | LEN    |      |
| A - C                 | 2x4 | DRY            | 2x4 | 3.0    | 4.0 | 2.25   | 2.00 |
| C - E                 | 2x4 | DRY            | 2x4 | 4.0    | 4.0 | 2.25   | 2.00 |
| B - D                 | 2x4 | DRY            | 2x4 | 3.0    | 4.0 | 2.25   | 2.00 |
| ALL WEBS              | 2x3 | DRY            | 2x3 | 3.0    | 4.0 | 2.25   | 2.00 |
| DRY: SEASONED LUMBER. |     |                |     |        |     |        |      |

| PLATES (table is in inches) |          | W      |     | LEN  |      | Y    |  | X    |  |
|-----------------------------|----------|--------|-----|------|------|------|--|------|--|
| JT TYPE                     |          | PLATES |     | MT20 |      | MT20 |  | MT20 |  |
| B                           | TMB1-I   | MT20   | 4.0 | 4.0  | 2.25 | 2.00 |  |      |  |
| C                           | TMB1-I   | MT20   | 4.0 | 4.0  | 2.25 | 2.00 |  |      |  |
| D                           | TMB1-I   | MT20   | 3.0 | 4.0  | 2.25 | 2.00 |  |      |  |
| F                           | BNM1-I+W | MT20   | 2.0 | 4.0  | 2.25 | 2.00 |  |      |  |

NOTES- (1)  
1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.

| DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER |      |                  |     |       |        |         |        |        |        |
|-----------------------------------------------------------------------------------------------|------|------------------|-----|-------|--------|---------|--------|--------|--------|
| BEARINGS                                                                                      |      |                  |     |       |        |         |        |        |        |
| FACTORED                                                                                      |      | MAXIMUM FACTORED |     | INPUT |        | RECORD  |        |        |        |
| GROSS REACTION                                                                                |      | DOWN             |     | HORZ  |        | UP/LIFT |        | IN-SX  |        |
| JT                                                                                            | VERT | 274              | 0   | 274   | 0      | 4-11-2  | 4-11-2 | 4-11-2 | 4-11-2 |
| B                                                                                             | 274  | 0                | 274 | 0     | 4-11-2 | 4-11-2  | 4-11-2 | 4-11-2 | 4-11-2 |
| D                                                                                             | 274  | 0                | 274 | 0     | 4-11-2 | 4-11-2  | 4-11-2 | 4-11-2 | 4-11-2 |
| F                                                                                             | 283  | 0                | 283 | 0     | 4-11-2 | 4-11-2  | 4-11-2 | 4-11-2 | 4-11-2 |

| UNFACTORED REACTIONS                  |     |       |      |      |     |           |     |      |     |
|---------------------------------------|-----|-------|------|------|-----|-----------|-----|------|-----|
| 1ST LCASE MAX MIN COMPONENT REACTIONS |     |       |      |      |     |           |     |      |     |
| COMBINED                              |     | SNOW  |      | LIVE |     | PERM/LIVE |     | WIND |     |
| JT                                    | 205 | 141/0 | 23/0 | 23/0 | 0/0 | 0/0       | 0/0 | 41/0 | 0/0 |
| B                                     | 205 | 141/0 | 23/0 | 23/0 | 0/0 | 0/0       | 0/0 | 41/0 | 0/0 |
| D                                     | 205 | 141/0 | 23/0 | 23/0 | 0/0 | 0/0       | 0/0 | 41/0 | 0/0 |
| F                                     | 244 | 125/0 | 58/0 | 58/0 | 0/0 | 0/0       | 0/0 | 62/0 | 0/0 |

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) B, D, 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                |       | FACTORED |        | MAX      |       | WEBS   |         | MAX      |  |
| MEMB.                 |       | FORCE    |        | LOAD/LC1 |       | MEMB.  |         | FORCE    |  |
| FR-TO                 |       | FROM/TO  |        | CS (LC)  |       | UNBRAC |         | CS (LC)  |  |
| A-B                   | 0/19  | -112.4   | -112.4 | 0.04 (1) | 10.00 | F-C    | -136/0  | 0.02 (1) |  |
| B-H                   | -51/0 | -112.4   | -112.4 | 0.02 (1) | 6.25  | G-H    | -194/11 | 0.00 (1) |  |
| H-C                   | -86/0 | -112.4   | -112.4 | 0.08 (1) | 6.25  | I-J    | -194/11 | 0.00 (1) |  |
| C-J                   | -86/0 | -112.4   | -112.4 | 0.08 (1) | 6.25  |        |         |          |  |
| J-D                   | -51/0 | -112.4   | -112.4 | 0.02 (1) | 6.25  |        |         |          |  |
| D-E                   | 0/19  | -112.4   | -112.4 | 0.04 (1) | 10.00 |        |         |          |  |
| B-G                   | 0/68  | -28.0    | -28.0  | 0.09 (1) | 10.00 |        |         |          |  |
| G-F                   | 0/68  | -28.0    | -28.0  | 0.09 (1) | 10.00 |        |         |          |  |
| F-I                   | 0/68  | -28.0    | -28.0  | 0.09 (1) | 10.00 |        |         |          |  |
| I-D                   | 0/68  | -28.0    | -28.0  | 0.08 (1) | 10.00 |        |         |          |  |

| DESIGN CRITERIA  |    |      |      |     |  |  |  |  |  |
|------------------|----|------|------|-----|--|--|--|--|--|
| SPECIFIED LOADS: |    |      |      |     |  |  |  |  |  |
| TOP CH.          | LL | =    | 32.5 | PSF |  |  |  |  |  |
| BOT CH.          | LL | =    | 6.0  | PSF |  |  |  |  |  |
| BOT CH.          | LL | =    | 10.5 | PSF |  |  |  |  |  |
| DL               | =  | 7.0  | PSF  |     |  |  |  |  |  |
| TOTAL LOAD       | =  | 56.0 | PSF  |     |  |  |  |  |  |

SPACING = 240 IN/C

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2010

THIS DESIGN COMPLIES WITH:  
- PART 9 OF OBC 2012, BCBC 2012, ABC 2014  
- CSA 086-09  
- TPC 2011

(55 % OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD

CSI: TC=0.08/1.00 (C-H-1), BC=0.09/1.00 (F-G-1), WB=0.02/1.00 (C-F-1), SSI=0.14/1.00 (B-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 = 0.50

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

NAIL VALUES  
PLATE GRIP(DRY) SHEAR SECTION (PLI)  
MAX MIN MAX MIN MAX MIN  
MT20 618 354 1687 822 2284 1656

PLATE PLACEMENT TOL = 0.250 inches

PLATE ROTATION TOL = 5.0 Deg.

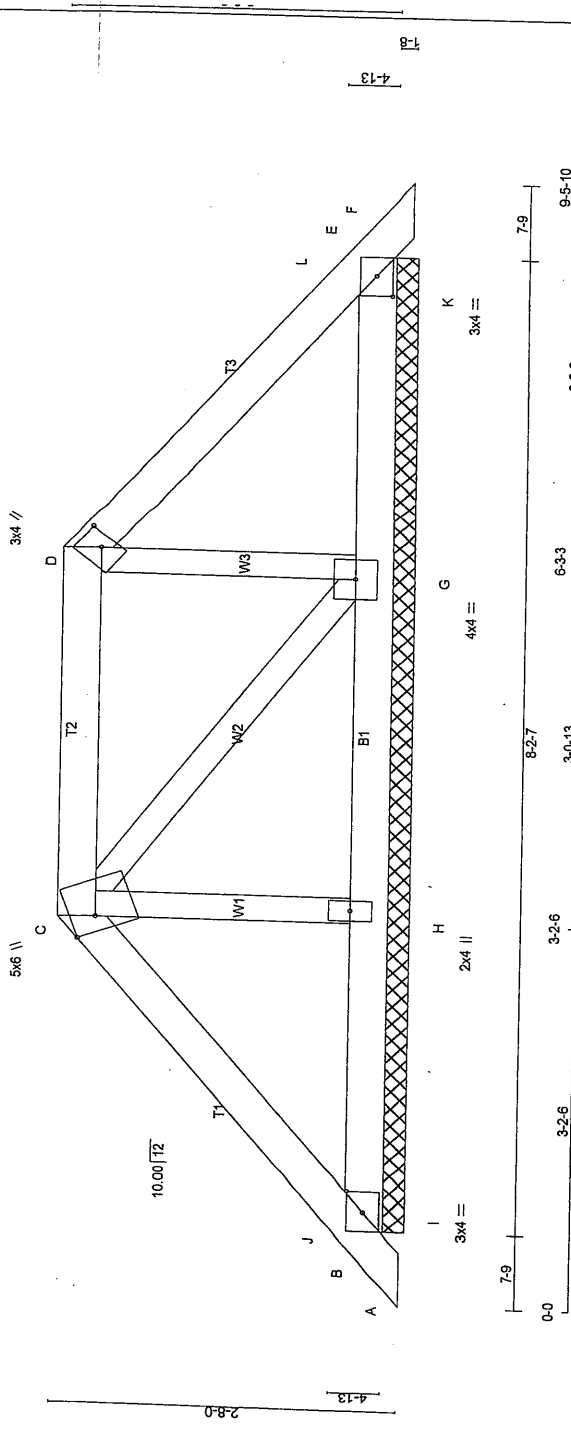
JSI GRIP= 0.22 (B) (INPUT = 0.90 )  
JSI METAL= 0.05 (B) (INPUT = 1.00 )

TOTAL WEIGHT = 7 X 16 = 109 lb

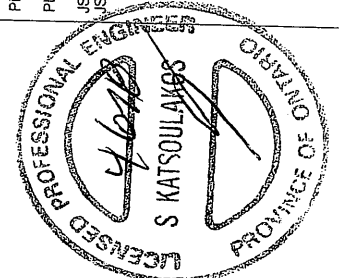
DWG NO. TAM 17688-13  
STRUCTURAL  
COMPONENT ONLY



|                                                                                  |                           |                      |                 |                                   |          |
|----------------------------------------------------------------------------------|---------------------------|----------------------|-----------------|-----------------------------------|----------|
| JOB NAME<br><b>287686</b>                                                        | TRUSS NAME<br><b>PB21</b> | QUANTITY<br><b>3</b> | PLY<br><b>1</b> | JOB DESC.<br><b>OBC2012_6TCDL</b> | DRWG NO. |
| Tamarack Roof Truss, Burlington                                                  |                           |                      |                 |                                   |          |
| Version 8.200 S Jan 6 2018 MITek Industries, Inc. Fri Apr 6 08:16:54 2018 Page 1 |                           |                      |                 |                                   |          |
| ID: YnvVwT4htdgpV110_xpf4ySofP7-Y7d1UJEEd7TwpS2oc9ySocUjmo6W8KHLJxnzzTW77        |                           |                      |                 |                                   |          |
| 0-0                                                                              | 3-2-6                     | 3-2-6                | 3-0-13          | 6-3-3                             | 9-5-10   |
| Scale = 1/16"                                                                    |                           |                      |                 |                                   |          |



| LUMBER                      |         |      |                   | DESIGN CRITERIA                                  |      |               |                       |
|-----------------------------|---------|------|-------------------|--------------------------------------------------|------|---------------|-----------------------|
| N.L.G.A. RULES              | CHORDS  | SIZE | DESCR.            | CHORDS                                           | SIZE | DESCR.        | DESIGN CRITERIA       |
| A - C                       | 2x4     | DRY  | SPF               | TOP CH.                                          | LL   | = 32.5 PSF    | SPECIFIED LOADS:      |
| C - D                       | 2x4     | DRY  | SPF               | BOT CH.                                          | LL   | = 6.0 PSF     | TOP CH. LL = 32.5 PSF |
| D - F                       | 2x4     | DRY  | SPF               | BOT CH.                                          | LL   | = 10.5 PSF    | DL = 6.0 PSF          |
| B - E                       | 2x4     | DRY  | SPF               | BOT CH.                                          | LL   | = 7.0 PSF     | DL = 10.5 PSF         |
| ALL WEBS                    | 2x3     | DRY  | SPF               | TOTAL LOAD                                       |      | = 56.0 PSF    | DL = 7.0 PSF          |
| DRY: SEASONED LUMBER.       |         |      |                   | SPACING                                          |      | = 24.0 IN.C/C | TOTAL LOAD = 56.0 PSF |
| PLATES (table is in inches) |         |      |                   | LOADING IN FLAT SECTION BASED ON A               |      |               |                       |
| JT TYPE                     | PLATES  | W    | LEN Y X           | SLOPE OF 6.00/12                                 |      |               |                       |
| B                           | TM61-J  | MT20 | 3.0 4.0 1.50 2.00 | THIS TRUSS IS DESIGNED FOR RESIDENTIAL           |      |               |                       |
| C                           | TTWW+fm | MT20 | 5.0 6.0 2.25 1.50 | OR SMALL BUILDING REQUIREMENTS OF                |      |               |                       |
| D                           | TTWW+fm | MT20 | 3.0 4.0 2.00 1.25 | PART 9, NBCC 2010                                |      |               |                       |
| E                           | TM61-J  | MT20 | 3.0 4.0 2.00 2.00 | THIS DESIGN COMPLIES WITH:                       |      |               |                       |
| G                           | BMW1-J  | MT20 | 4.0 4.0           | - PART 9 OF OBC 2012, BCBC 2012, ABC 2014        |      |               |                       |
| H                           | BMW1+wm | MT20 | 2.0 4.0           | - CSA 086-09                                     |      |               |                       |
|                             |         |      |                   | - TPIC 2011                                      |      |               |                       |
|                             |         |      |                   | (55 % OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F.      |      |               |                       |
|                             |         |      |                   | RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED          |      |               |                       |
|                             |         |      |                   | ROOF LIVE LOAD                                   |      |               |                       |
|                             |         |      |                   | CSI: TC=0.18/1.00 (C-D-1), BC=0.09/1.00 (B-1-1), |      |               |                       |
|                             |         |      |                   | WB=0.04/1.00 (D-G-1), SS=0.18/1.00 (E-K-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 = 0.50                |      |               |                       |
|                             |         |      |                   | TRUSS PLATE MANUFACTURER IS NOT                  |      |               |                       |
|                             |         |      |                   | RESPONSIBLE FOR QUALITY CONTROL IN               |      |               |                       |
|                             |         |      |                   | THE TRUSS MANUFACTURING PLANT.                   |      |               |                       |
|                             |         |      |                   | NAIL VALUES                                      |      |               |                       |
|                             |         |      |                   | PLATE GRIP(DRY) SHEAR SECTION                    |      |               |                       |
|                             |         |      |                   | (PSI) (PLI)                                      |      |               |                       |
|                             |         |      |                   | MAX MIN MAX MIN MAX MIN                          |      |               |                       |
|                             |         |      |                   | MT20 616 354 1667 822 2284 1656                  |      |               |                       |
|                             |         |      |                   | PLATE PLACEMENT TOL. = 0.250 inches              |      |               |                       |
|                             |         |      |                   | PLATE ROTATION TOL. = 5.0 Deg.                   |      |               |                       |
|                             |         |      |                   | JSI GRIP= 0.26 (D) (INPUT = 0.90)                |      |               |                       |
|                             |         |      |                   | JSI METAL= 0.07 (B) (INPUT = 1.00)               |      |               |                       |



DWG NO. TAM 17212-08  
STRUCTURAL  
COMPONENT ONLY

JOB NAME  
**287686**

Tamarack Roof Truss, Burlington

TRUSS NAME  
**PB22**

QUANTITY  
**5**

PLY  
**1**

JOB DESC.  
**OBC2012\_6TCDL**

DRWG NO.

Version 8.200 S Jan 6 2018 MITek Industries, Inc. Fri Apr 6 08:16:54 2018 Page 1  
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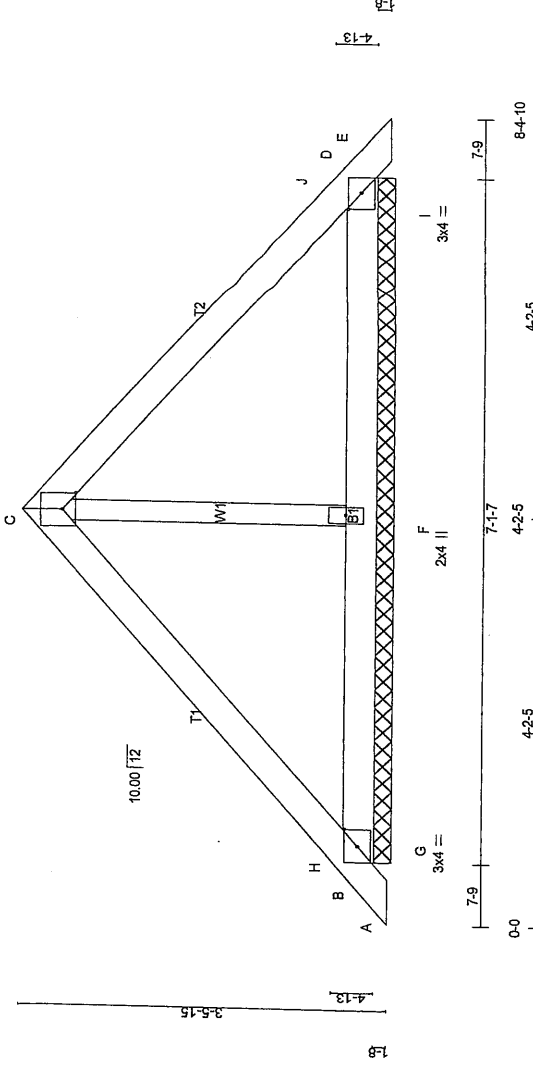
8-4-10

4-2-5

4-2-5

Scale = 1/2" = 1'-0"

4x4 =



| LUMBER               | N L G A RULES | CHORDS | SIZE | DRY | LUMBER | DESCR. |
|----------------------|---------------|--------|------|-----|--------|--------|
| A - C                | 2x4           | DRY    | No.2 | 4.0 | 1.50   | 2.00   |
| B - D                | 2x4           | DRY    | No.2 | 4.0 | 1.50   | 2.00   |
| ALL WEBS             | 2x3           | DRY    | No.2 | 4.0 | 1.50   | 2.00   |
| DRY: SEASONED LUMBER |               |        |      |     |        |        |

| PLATES (table is in inches) | W   | LEN | Y    | X    |
|-----------------------------|-----|-----|------|------|
| B TMB14                     | 3.0 | 4.0 | 1.50 | 2.00 |
| C TMB14                     | 4.0 | 4.0 | 1.50 | 2.00 |
| D TMB14                     | 3.0 | 4.0 | 1.50 | 2.00 |
| F BMB14+W                   | 2.0 | 4.0 |      |      |

NOTES - (1)  
1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.

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

| BEARINGS | FACTORED       | MAXIMUM | FACTORED | INPUT  | REQD  |
|----------|----------------|---------|----------|--------|-------|
| JT       | GROSS REACTION | DOWN    | HORIZ    | UPLIFT | BRG   |
| B        | 391            | 0       | 0        | 0      | 7-1-7 |
| D        | 391            | 0       | 0        | 0      | 7-1-7 |
| F        | 340            | 0       | 0        | 0      | 7-1-7 |

UNFACTORED REACTIONS

| 1ST LCASE | MAX / MIN | COMPONENT REACTIONS | WIND      | DEAD   | SOIL  |
|-----------|-----------|---------------------|-----------|--------|-------|
| JT        | COMBINED  | SNOW                | PERMUTIVE |        |       |
| B         | 284       | 198 / 0             | 0 / 0     | 60 / 0 | 0 / 0 |
| D         | 284       | 198 / 0             | 0 / 0     | 60 / 0 | 0 / 0 |
| F         | 292       | 136 / 0             | 0 / 0     | 78 / 0 | 0 / 0 |

BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) B, D, 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 | MAX. FACTORED | FACTORED         | MAX. FACTORED | MEMB.       | MAX. FACTORED | WEBS | MAX. FACTORED |
|--------|---------------|------------------|---------------|-------------|---------------|------|---------------|
| MEMB.  | FORCE (LBS)   | VERT. LOAD (PLF) | CS (LC)       | MAX. UNBRAC | FORCE (LBS)   |      |               |
| FR-TO  |               | FROM TO          |               | LENGTH      | FR-TO         |      |               |
| A-B    | 0 / 18        | -112.4           | -112.4        | 0.02 (1)    | 10.00         | F-C  | -121 / 0      |
| B-H    | -76 / 11      | -112.4           | -112.4        | 0.09 (1)    | 6.25          | G-H  | -457 / 22     |
| H-C    | -178 / 0      | -112.4           | -112.4        | 0.17 (1)    | 6.25          | I-J  | -457 / 22     |
| C-J    | -178 / 0      | -112.4           | -112.4        | 0.17 (1)    | 6.25          |      |               |
| J-D    | -76 / 11      | -112.4           | -112.4        | 0.09 (1)    | 6.25          |      |               |
| D-E    | 0 / 18        | -112.4           | -112.4        | 0.02 (1)    | 10.00         |      |               |
| B-G    | 0 / 127       | -28.0            | -28.0         | 0.17 (1)    | 10.00         |      |               |
| G-F    | 0 / 127       | -28.0            | -28.0         | 0.17 (1)    | 10.00         |      |               |
| F-I    | 0 / 127       | -28.0            | -28.0         | 0.17 (1)    | 10.00         |      |               |
| I-D    | 0 / 127       | -28.0            | -28.0         | 0.17 (1)    | 10.00         |      |               |

DESIGN CRITERIA

SPECIFIED LOADS:  
TOP CH. LL = 32.5 PSF  
BOT CH. LL = 10.5 PSF  
TOTAL LOAD = 58.0 PSF

SPACING = 24.0 IN. CG

THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2010

THIS DESIGN COMPLIES WITH:  
- PART 9 OF OBC 2012, CBC 2012, ABC 2014  
- CSA 086-09  
- TPC 2011

(55 % OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD

CSI: TC=0.171.00 (C-H-1), BC=0.171.00 (B-G-1), WS=0.021.00 (C-F-1), SS=0.351.00 (D-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 = 0.50

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

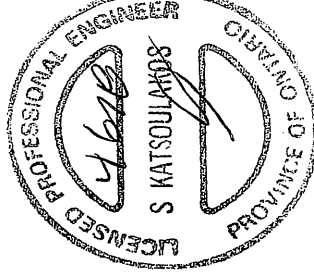
NAIL VALUES  
PLATE GRIP(DRY) SHEAR - SECTION (PSI) (PLI)  
MAX MIN MAX MIN MAX MIN  
MT20 616 334 1667 822 2264 1656

PLATE PLACEMENT TOL. = 0.250 inches

PLATE ROTATION TOL. = 5.0 Deg.

JSI GRIP= 0.33 (B) (INPUT = 0.90)

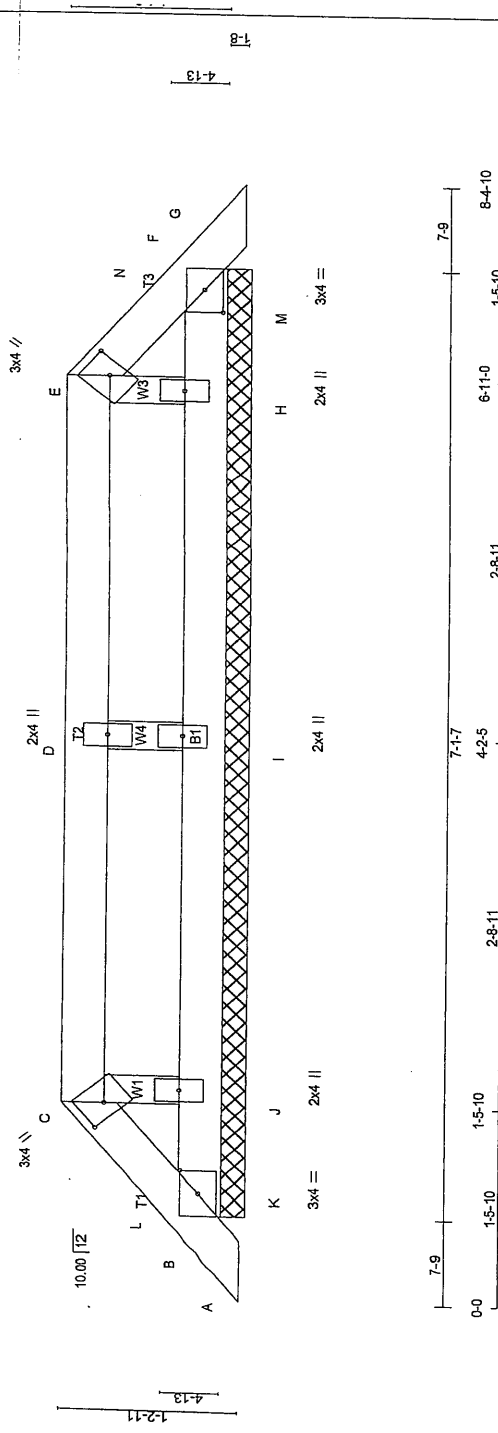
JSI METAL= 0.09 (D) (INPUT = 1.00)



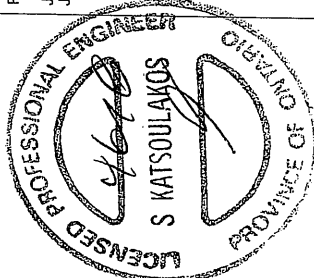
DWG NO. TAM 17713-18  
STRUCTURAL  
COMPONENT ONLY



|                                                                                  |                           |                      |                 |                                   |          |
|----------------------------------------------------------------------------------|---------------------------|----------------------|-----------------|-----------------------------------|----------|
| JOB NAME<br><b>287686</b>                                                        | TRUSS NAME<br><b>PB24</b> | QUANTITY<br><b>1</b> | PLY<br><b>3</b> | JOB DESC.<br><b>OBC2012_6TCDL</b> | DRWG NO. |
| Tamarack Roof Truss, Burlington                                                  |                           |                      |                 |                                   |          |
| Version 8.200 S Jan 6 2018 Mitek Industries, Inc. Fri Apr 6 08:16:55 2018 Page 1 |                           |                      |                 |                                   |          |
| ID:YnvYwT4hdgpV110_xp4ySoF?0CAP2GsORbnRcd_fzRAzszpOT2FbtQazgK/QzTVW76            |                           |                      |                 |                                   |          |
| 0-0                                                                              | 1-5-10                    | 1-5-10               | 2-8-11          | 4-2-5                             | 6-11-0   |
| 0-0                                                                              | 1-5-10                    | 1-5-10               | 2-8-11          | 4-2-5                             | 6-11-0   |
| Scale: 3/4"=1'                                                                   |                           |                      |                 |                                   |          |



| LUMBER                                                                                                                          |                      |              |                     | DESIGN CRITERIA               |                                                                                          |                       |  |
|---------------------------------------------------------------------------------------------------------------------------------|----------------------|--------------|---------------------|-------------------------------|------------------------------------------------------------------------------------------|-----------------------|--|
| N.L.G.A. RULES                                                                                                                  | CHORDS               | LUMBER       | DESCR.              | DESIGNED LOADS:               | LOADING IN FLAT SECTION BASED ON A                                                       | DESIGN CRITERIA       |  |
| A - C                                                                                                                           | 2x4                  | DRY          | No.2                | TOP CH. LL = 32.5 PSF         | SLOPE OF 6.00/12                                                                         | SPECIFIED LOADS:      |  |
| C - E                                                                                                                           | 2x4                  | DRY          | No.2                | DL = 6.0 PSF                  | THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBC2010 | TOP CH. LL = 32.5 PSF |  |
| E - F                                                                                                                           | 2x4                  | DRY          | No.2                | BOT CH. LL = 10.5 PSF         | THIS DESIGN COMPLIES WITH:                                                               | DL = 6.0 PSF          |  |
|                                                                                                                                 |                      |              |                     |                               | - PART 9 OF OBC 2012, BCBC 2012, ABC 2014                                                | BOT CH. LL = 10.5 PSF |  |
|                                                                                                                                 |                      |              |                     |                               | - CSA 086-09                                                                             | DL = 7.0 PSF          |  |
|                                                                                                                                 |                      |              |                     |                               | - TPIC 2011                                                                              | TOTAL LOAD = 56.0 PSF |  |
|                                                                                                                                 |                      |              |                     |                               |                                                                                          | SPACING = 24.0 IN.C/C |  |
| ALL WEBS                                                                                                                        | 2x3                  | DRY          | No.2                |                               |                                                                                          |                       |  |
| DRY: SEASONED LUMBER.                                                                                                           |                      |              |                     |                               |                                                                                          |                       |  |
| DESIGN CONSISTS OF 3 TRUSSES BUILT SEPARATELY THEN FASTENED TOGETHER AS FOLLOWS:                                                |                      |              |                     | TOTAL WEIGHT = 3 X 20 = 60 lb |                                                                                          |                       |  |
| CHORDS #ROWS                                                                                                                    | SURFACE SPACING (IN) | LOAD (F.L.F) |                     |                               |                                                                                          |                       |  |
| A - C                                                                                                                           | 12                   | TOP          |                     |                               |                                                                                          |                       |  |
| C - E                                                                                                                           | 12                   | TOP          |                     |                               |                                                                                          |                       |  |
| E - G                                                                                                                           | 12                   | TOP          |                     |                               |                                                                                          |                       |  |
| BOTTOM CHORDS : (0.12"x3") SPIRAL NAILS                                                                                         |                      |              |                     |                               |                                                                                          |                       |  |
| B - F                                                                                                                           | 12                   | TOP          |                     |                               |                                                                                          |                       |  |
| WEBS : (0.12"x3") SPIRAL NAILS                                                                                                  |                      |              |                     |                               |                                                                                          |                       |  |
| 2x3                                                                                                                             | 6                    |              |                     |                               |                                                                                          |                       |  |
| STAGGER NAILS BY HALF THE SURFACE SPACING IN ADJACENT PLYS.                                                                     |                      |              |                     |                               |                                                                                          |                       |  |
| TOP - COMPONENTS ARE LOADED FROM THE TOP AND MUST BE PLACED ON TOP EDGE OF ALL PLYS FOR THE LOAD TO BE TRANSFERRED TO EACH PLY. |                      |              |                     |                               |                                                                                          |                       |  |
| PLATES (table is in inches)                                                                                                     |                      |              |                     |                               |                                                                                          |                       |  |
| JT TYPE                                                                                                                         | PLATES               | W            | LEN Y X             |                               |                                                                                          |                       |  |
| B                                                                                                                               | TMB1-I               | 3.0          | 4.0 1.50 2.00       |                               |                                                                                          |                       |  |
| C                                                                                                                               | TTWH                 | 3.0          | 4.0 2.00 1.25       |                               |                                                                                          |                       |  |
| D                                                                                                                               | TTWH                 | 3.0          | 4.0 2.00 1.25       |                               |                                                                                          |                       |  |
| E                                                                                                                               | TTWH                 | 3.0          | 4.0 2.00 1.25       |                               |                                                                                          |                       |  |
| F                                                                                                                               | TMB1-I               | 3.0          | 4.0 1.50 2.00       |                               |                                                                                          |                       |  |
| H, I, J                                                                                                                         | BMW1+W               | 2.0          | 4.0                 |                               |                                                                                          |                       |  |
| H                                                                                                                               | BMW1+W               | 2.0          | 4.0                 |                               |                                                                                          |                       |  |
| NOTES: (1)                                                                                                                      |                      |              |                     |                               |                                                                                          |                       |  |
| 1) Lateral brice(s) shown shall be 1/4" for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.        |                      |              |                     |                               |                                                                                          |                       |  |
| DIMENSIONS, SUPPORTS AND LOADINGS SPECIFIED BY FABRICATOR TO BE VERIFIED BY BUILDING DESIGNER                                   |                      |              |                     |                               |                                                                                          |                       |  |
| BEARINGS                                                                                                                        |                      |              |                     |                               |                                                                                          |                       |  |
| JT                                                                                                                              | VERT                 | FACTORED     | REACT               |                               |                                                                                          |                       |  |
| B                                                                                                                               | 132                  | 0            | 0                   |                               |                                                                                          |                       |  |
| F                                                                                                                               | 132                  | 0            | 0                   |                               |                                                                                          |                       |  |
| J                                                                                                                               | 199                  | 0            | 0                   |                               |                                                                                          |                       |  |
| H                                                                                                                               | 199                  | 0            | 0                   |                               |                                                                                          |                       |  |
| I                                                                                                                               | 458                  | 0            | 0                   |                               |                                                                                          |                       |  |
| UNFACTORED REACTIONS                                                                                                            |                      |              |                     |                               |                                                                                          |                       |  |
| JT                                                                                                                              | 1ST LCASE            | MAX. MIN.    | COMPONENT REACTIONS |                               |                                                                                          |                       |  |
| B                                                                                                                               | 91                   | 78/0         | 0/0                 |                               |                                                                                          |                       |  |
| F                                                                                                                               | 91                   | 78/0         | 0/0                 |                               |                                                                                          |                       |  |
| J                                                                                                                               | 171                  | 80/0         | 0/0                 |                               |                                                                                          |                       |  |
| H                                                                                                                               | 171                  | 80/0         | 0/0                 |                               |                                                                                          |                       |  |
| I                                                                                                                               | 358                  | 220/0        | 0/0                 |                               |                                                                                          |                       |  |
| BEARING MATERIAL TO BE SPF NO.2 OR BETTER AT JOINT(S) B, F, J, H, I                                                             |                      |              |                     |                               |                                                                                          |                       |  |
| 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                                                                                                                          |                      |              |                     |                               |                                                                                          |                       |  |
| MEMB.                                                                                                                           | MAX. FACTORED        | FORCE        | (LBS)               |                               |                                                                                          |                       |  |
| FR-TO                                                                                                                           | 0/18                 |              |                     |                               |                                                                                          |                       |  |
| A-B                                                                                                                             | -36/3                |              |                     |                               |                                                                                          |                       |  |
| B-L                                                                                                                             | -36/0                |              |                     |                               |                                                                                          |                       |  |
| L-C                                                                                                                             | -10/0                |              |                     |                               |                                                                                          |                       |  |
| C-D                                                                                                                             | -10/0                |              |                     |                               |                                                                                          |                       |  |
| D-E                                                                                                                             | -10/0                |              |                     |                               |                                                                                          |                       |  |
| E-N                                                                                                                             | -36/3                |              |                     |                               |                                                                                          |                       |  |
| N-F                                                                                                                             | -36/3                |              |                     |                               |                                                                                          |                       |  |
| F-G                                                                                                                             | 0/18                 |              |                     |                               |                                                                                          |                       |  |
| B-K                                                                                                                             | 0/26                 |              |                     |                               |                                                                                          |                       |  |
| K-J                                                                                                                             | 0/26                 |              |                     |                               |                                                                                          |                       |  |
| J-I                                                                                                                             | 0/10                 |              |                     |                               |                                                                                          |                       |  |
| I-H                                                                                                                             | 0/10                 |              |                     |                               |                                                                                          |                       |  |
| H-M                                                                                                                             | 0/26                 |              |                     |                               |                                                                                          |                       |  |
| M-F                                                                                                                             | 0/26                 |              |                     |                               |                                                                                          |                       |  |
| WEBS                                                                                                                            |                      |              |                     |                               |                                                                                          |                       |  |
| MAX. FACTORED                                                                                                                   | FORCE                | (LBS)        |                     |                               |                                                                                          |                       |  |
| FR-TO                                                                                                                           | 0/18                 |              |                     |                               |                                                                                          |                       |  |
| A-B                                                                                                                             | -112.4               | -112.4       | 0.01 (1)            |                               |                                                                                          |                       |  |
| B-L                                                                                                                             | -112.4               | -112.4       | 0.00 (3)            |                               |                                                                                          |                       |  |
| L-C                                                                                                                             | -112.4               | -112.4       | 0.00 (1)            |                               |                                                                                          |                       |  |
| C-D                                                                                                                             | -112.4               | -112.4       | 0.05 (1)            |                               |                                                                                          |                       |  |
| D-E                                                                                                                             | -112.4               | -112.4       | 0.05 (1)            |                               |                                                                                          |                       |  |
| E-N                                                                                                                             | -112.4               | -112.4       | 0.00 (1)            |                               |                                                                                          |                       |  |
| N-F                                                                                                                             | -112.4               | -112.4       | 0.00 (3)            |                               |                                                                                          |                       |  |
| F-G                                                                                                                             | -112.4               | -112.4       | 0.01 (1)            |                               |                                                                                          |                       |  |
| B-K                                                                                                                             | -28.0                | -28.0        | 0.00 (1)            |                               |                                                                                          |                       |  |
| K-J                                                                                                                             | -28.0                | -28.0        | 0.01 (3)            |                               |                                                                                          |                       |  |
| J-I                                                                                                                             | -28.0                | -28.0        | 0.02 (3)            |                               |                                                                                          |                       |  |
| I-H                                                                                                                             | -28.0                | -28.0        | 0.02 (3)            |                               |                                                                                          |                       |  |
| H-M                                                                                                                             | -28.0                | -28.0        | 0.01 (3)            |                               |                                                                                          |                       |  |
| M-F                                                                                                                             | -28.0                | -28.0        | 0.00 (1)            |                               |                                                                                          |                       |  |
| NAIL VALUES                                                                                                                     |                      |              |                     |                               |                                                                                          |                       |  |
| PLATE                                                                                                                           | GRIP(DRY)            | SHEAR        | SECTION (PLI)       |                               |                                                                                          |                       |  |
| MT20                                                                                                                            | 618                  | 554          | 1687                |                               |                                                                                          |                       |  |
| PLATE PLACEMENT TOL = 0.250 inches                                                                                              |                      |              |                     |                               |                                                                                          |                       |  |
| PLATE ROTATION TOL = 5.0 Deg.                                                                                                   |                      |              |                     |                               |                                                                                          |                       |  |
| JSI GRIP= 0.07 (D) (INPUT = 0.90)                                                                                               |                      |              |                     |                               |                                                                                          |                       |  |
| JSI METAL= 0.02 (D) (INPUT = 1.00)                                                                                              |                      |              |                     |                               |                                                                                          |                       |  |



JOB NAME  
**287686**

TRUSS NAME  
**J1S**

QUANTITY  
**7**

PLY  
**1**

JOB DESC.  
TRUSS DESC.

OBC2012\_6TCDL

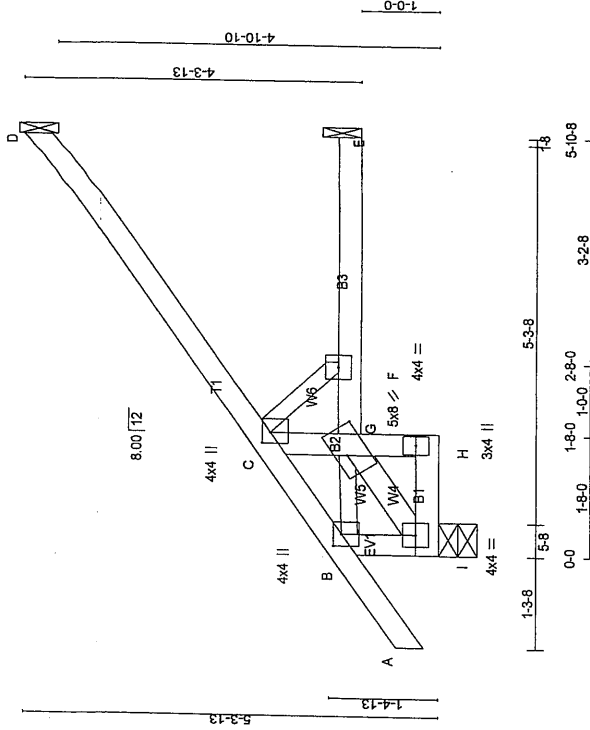
DRWG NO.

Tamarack Roof Truss, Burlington

Version 8.200 S Jan 6 2018 Mitek Industries, Inc. Fri Apr 6 08:16:54 2018 Page 1  
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1-3-8 1-3-8 0-0 1-9-0 1-9-0 4-2-8 5-10-8

Scale = 1:29.8



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

TOTAL WEIGHT = 7 X 24 = 165 lb

| LUMBER N.L.G.A. RULES | CHORDS | DESCR. | LUMBER | W   | LEN | Y    | X    |
|-----------------------|--------|--------|--------|-----|-----|------|------|
| I - B                 | 2x4    | DRY    | No.2   | 4.0 | 4.0 | 1.25 | 2.00 |
| A - D                 | 2x4    | DRY    | No.2   | 4.0 | 4.0 | 1.25 | 1.75 |
| I - H                 | 2x4    | DRY    | No.2   | 4.0 | 4.0 | 1.25 | 1.75 |
| I - C                 | 2x4    | DRY    | No.2   | 4.0 | 4.0 | 1.25 | 1.75 |
| G - E                 | 2x4    | DRY    | No.2   | 4.0 | 4.0 | 1.25 | 1.75 |
| ALL WEBS EXCEPT I - G | 2x3    | DRY    | No.2   | 4.0 | 4.0 | 1.25 | 1.75 |
| I - G                 | 2x4    | DRY    | No.2   | 4.0 | 4.0 | 1.25 | 1.75 |
| DRY: SEASONED LUMBER. |        |        |        |     |     |      |      |

PLATES (table is in inches)

| PLATE TYPE | W    | LEN | Y   | X    |
|------------|------|-----|-----|------|
| B TMWV+p   | MT20 | 4.0 | 4.0 | 1.25 |
| C TMWV+p   | MT20 | 4.0 | 4.0 | 1.25 |
| F BMWV     | MT20 | 4.0 | 4.0 | 1.25 |
| G BMWV     | MT20 | 4.0 | 4.0 | 1.25 |
| H BMWV     | MT20 | 4.0 | 4.0 | 1.25 |
| I BMWV     | MT20 | 4.0 | 4.0 | 1.25 |

NOTES: (1)

1) Lateral brace(s) shown shall be 1x4 for Part 9 design as per OBC 9.23.13.11, and no less than 2x4 for Part 4 design.

LOADING TOTAL LOAD CASES: (4)

| CHORDS | MEMB.  | FACTORED FORCE (LBS) | FACTORED VERT. LOAD (LBS) | MAX. FACTORED VERT. LOAD (LBS) | MAX. FACTORED HORIZ. LOAD (LBS) | MAX. FACTORED MOMENT (LBS-FT) | MAX. FACTORED CSI (LC) |
|--------|--------|----------------------|---------------------------|--------------------------------|---------------------------------|-------------------------------|------------------------|
| I-B    | -551/0 | 0.0                  | 0.0                       | 0.0                            | 0.0                             | 0.0                           | 0.0                    |
| A-B    | 0/43   | -112.4               | -112.4                    | 0.0                            | 0.0                             | 0.0                           | 0.0                    |
| B-C    | -429/0 | -112.4               | -112.4                    | 0.0                            | 0.0                             | 0.0                           | 0.0                    |
| C-D    | -1/11  | -112.4               | -112.4                    | 0.0                            | 0.0                             | 0.0                           | 0.0                    |
| I-H    | 0/21   | -28.0                | -28.0                     | 0.0                            | 0.0                             | 0.0                           | 0.0                    |
| H-G    | 0/37   | 0.0                  | 0.0                       | 0.0                            | 0.0                             | 0.0                           | 0.0                    |
| G-C    | 0/302  | 0.0                  | 0.0                       | 0.0                            | 0.0                             | 0.0                           | 0.0                    |
| G-F    | 0/330  | -28.0                | -28.0                     | 0.0                            | 0.0                             | 0.0                           | 0.0                    |
| F-E    | 0/0    | -28.0                | -28.0                     | 0.0                            | 0.0                             | 0.0                           | 0.0                    |

| WEBS | MEMB.  | FACTORED FORCE (LBS) | MAX. FACTORED VERT. LOAD (LBS) | MAX. FACTORED HORIZ. LOAD (LBS) | MAX. FACTORED MOMENT (LBS-FT) | MAX. FACTORED CSI (LC) |
|------|--------|----------------------|--------------------------------|---------------------------------|-------------------------------|------------------------|
| I-G  | -25/0  | 0.0                  | 0.0                            | 0.0                             | 0.0                           | 0.0                    |
| B-G  | 0/329  | 0.0                  | 0.0                            | 0.0                             | 0.0                           | 0.0                    |
| C-F  | -493/0 | 0.0                  | 0.0                            | 0.0                             | 0.0                           | 0.0                    |

DESIGN CRITERIA

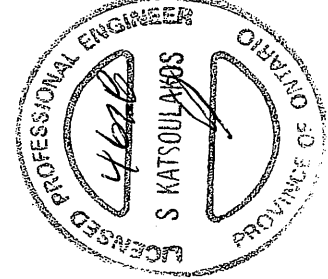
SPECIFIED LOADS:  
TOP CH. LL = 32.5 PSF  
DL = 6.0 PSF  
BOT CH. LL = 10.5 PSF  
DL = 7.0 PSF  
TOTAL LOAD = 56.0 PSF  
SPACING = 24.0 IN. O.C.  
THIS TRUSS IS DESIGNED FOR RESIDENTIAL OR SMALL BUILDING REQUIREMENTS OF PART 9, NBCC 2010  
THIS DESIGN COMPLIES WITH:  
- PART 9 OF OBC 2012, BCBC 2012, ABC 2014  
- CSA 086-09  
- TPIC 2011

DESIGN ASSUMPTIONS  
- OVERHANG NOT TO BE ALTERED OR CUT OFF.  
(55 % OF 43.9 P.S.F. G.S.L. PLUS 8.4 P.S.F. RAIN LOAD) EQUALS 32.5 P.S.F. SPECIFIED ROOF LIVE LOAD

ALLOWABLE DEFL (LL) = L/360 (0.20")  
CALCULATED VERT. DEFL (LL) = 1/677 (0.10")  
ALLOWABLE DEFL (TL) = L/360 (0.20")  
CALCULATED VERT. DEFL (TL) = 1/400 (0.18")  
CSI: TO=0.38/1.00 (C-D), BC=0.52/1.00 (F-G-1), WB=0.07/1.00 (B-G-1), SS=0.28/1.00 (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 = 0.50

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)  
MAX MIN MAX MIN  
MT20 618 354 1667 822 2284 1666  
PLATE PLACEMENT TOL. = 0.250 inches  
PLATE ROTATION TOL. = 5.0 Deg.  
JSI GRIP= 0.77 (G) (INPUT = 0.90)  
JSI METAL= 0.13 (B) (INPUT = 1.00)



DWG NO. TAM1710-18  
STRUCTURAL  
COMPONENT ONLY



# CP Crush Plates – Bearing Enhancers

**SIMPSON**  
**Strong-Tie**

The CP transfers load from the truss or girder to plates for bearing limited conditions. Replaces nail-on scabs or in some cases, an additional ply when needed for bearing.

**Material:** See table

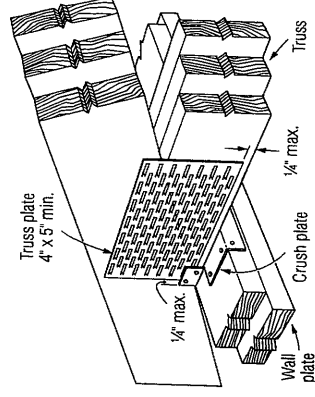
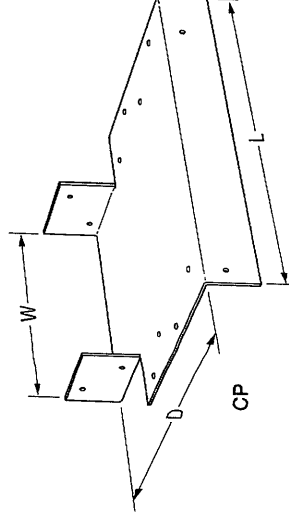
**Finish:** G90 galvanized

## Design:

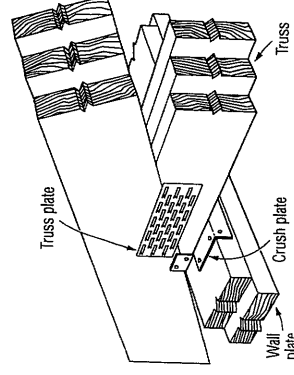
- Factored resistances are in accordance with CSA O86-14 assuming  $Q_r/A_b$  and  $Q_r/A'_b = 812$  psi for D-Fir-L and 615 psi for S-P-F. See clauses 6.5.4 and 7.5.9 TPIC 2014 when compression loads are applied to both sides of truss chord members at bearing locations.

## Installation:

- Use all specified fasteners.
- Nails: 10d = 0.148" dia. x 3" long common wire, 10d x 1½" = 0.148" dia. x 1½" long.
- For Case 1, truss plates must be located a maximum of ¼" from the underside of the truss chord and a maximum of ¼" from the edge of the wall plates in accordance with the reinforcing requirements of 7.5.9 TPIC 2014.



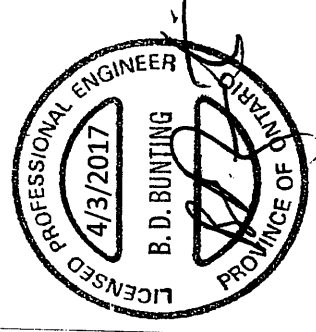
Case 1



Case 2

| Model No.                          | Ga. | Dimensions (in.) |    |    |    | Fasteners  |               | Factored Resistance (lb.) |         |        |         |
|------------------------------------|-----|------------------|----|----|----|------------|---------------|---------------------------|---------|--------|---------|
|                                    |     | Wall Plate       | W  | D  | L  | Wall Plate | Truss         | D-Fir-L                   |         | S-P-F  |         |
|                                    |     |                  |    |    |    |            |               | Uplift                    | Bearing | Uplift | Bearing |
| CASE 1 (Truss Plate Reinforcement) |     |                  |    |    |    |            |               |                           |         |        |         |
| CP1-4                              | 20  | 2x4              | 1½ | 3½ | 4½ | (6) 10d    | (4) 10d x 1½" | 225                       | 5965    | 225    | 4515    |
| CP2-4                              | 16  |                  | 3¼ | 3½ | 5¾ | (6) 10d    | (4) 10d x 1½" | 225                       | 11390   | 225    | 9030    |
| CP3-4                              | 16  |                  | 4¾ | 3½ | 7¼ | (6) 10d    | (4) 10d x 1½" | 225                       | 17895   | 225    | 13545   |
| CP4-4                              | 12  |                  | 6½ | 3½ | 9½ | (6) 10d    | (4) 10d x 1½" | 225                       | 23860   | 225    | 18065   |
| CP1-6                              | 20  | 2x6              | 1½ | 5½ | 4¾ | (10) 10d   | (4) 10d x 1½" | 225                       | 9370    | 225    | 7095    |
| CP2-6                              | 16  |                  | 3¼ | 5½ | 5¾ | (10) 10d   | (4) 10d x 1½" | 225                       | 18740   | 225    | 14190   |
| CP3-6                              | 16  |                  | 4¾ | 5½ | 7¼ | (10) 10d   | (4) 10d x 1½" | 225                       | 28110   | 225    | 21285   |
| CP4-6                              | 12  |                  | 6½ | 5½ | 9½ | (10) 10d   | (4) 10d x 1½" | 225                       | 37495   | 225    | 28390   |
| CASE 2 (No Reinforcement)          |     |                  |    |    |    |            |               |                           |         |        |         |
| CP1-4                              | 20  | 2x4              | 1½ | 3½ | 4½ | (6) 10d    | (4) 10d x 1½" | 225                       | 4685    | 225    | 3550    |
| CP2-4                              | 16  |                  | 3¼ | 3½ | 5¾ | (6) 10d    | (4) 10d x 1½" | 225                       | 9370    | 225    | 7100    |
| CP3-4                              | 16  |                  | 4¾ | 3½ | 7¼ | (6) 10d    | (4) 10d x 1½" | 225                       | 14055   | 225    | 10650   |
| CP4-4                              | 12  |                  | 6½ | 3½ | 9½ | (6) 10d    | (4) 10d x 1½" | 225                       | 18750   | 225    | 14195   |
| CP1-6                              | 20  | 2x6              | 1½ | 5½ | 4¾ | (10) 10d   | (4) 10d x 1½" | 225                       | 7365    | 225    | 5575    |
| CP2-6                              | 16  |                  | 3¼ | 5½ | 5¾ | (10) 10d   | (4) 10d x 1½" | 225                       | 14730   | 225    | 11150   |
| CP3-6                              | 16  |                  | 4¾ | 5½ | 7¼ | (10) 10d   | (4) 10d x 1½" | 225                       | 22095   | 225    | 16725   |
| CP4-6                              | 12  |                  | 6½ | 5½ | 9½ | (10) 10d   | (4) 10d x 1½" | 225                       | 29460   | 225    | 22305   |

1. Factored bearing resistances assume wall plate and truss are the same species. For a mixed species system use S-P-F values.



**LIMIT**  
**STATES**  
**DESIGN**

This technical bulletin is effective until June 30, 2019, and reflects information available as of March 1, 2017. This information is updated periodically and should not be relied upon after June 30, 2019. Contact Simpson Strong-Tie for current information and limited warranty or see [strongtie.com](http://strongtie.com).

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(800) 999-5099  
[strongtie.com](http://strongtie.com)

T-SPECCP17 3/17 exp. 6/19

TECHNICAL BULLETIN

THGQ/THGQH – Truss Girder Hangers



**Material:** THGQ – 7 gauge, THGQH – 3 gauge

**Finish:** THGQ – G90 Galvanized,

THGQH – Simpson Strong-Tie® gray paint

**Design:**

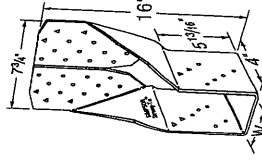
- Factored resistances are in accordance with CSA O86-14.
- Uplift resistances have been increased 15% for short-term load duration. No further increase is allowed.
- Designer must ensure that vertical web member supporting a hanger is capable of resisting loads based on net cross-section.
- Girder truss must be a minimum of 2 plies.
- Bearing assumes  $Q_r/A_b$  and  $Q_r'/A'_b = 812$  psi D.Fir-L and 615 psi S-P-F. Truss plates on supported member must be as per 6.5.4 and 7.5.9 TPIC 2014 to achieve values shown.
- All multiple members must be fastened together to act as a single unit independent of the hanger fasteners.
- Girders must be adequately laterally braced to prevent excessive displacement due to secondary torsional stresses.

**Installation:**

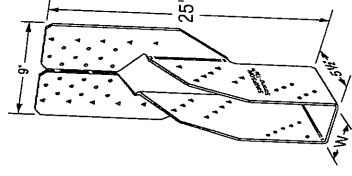
- Use all specified fasteners.
- Fill all round holes for min values and all round and triangle holes for max values.
- Strong-Drive® SDS screws driven through truss plates must be approved by the truss designer. Pre-drilling, using a  $\frac{5}{32}$ " bit, is required.
- Connector must be installed, centred on girder vertical web.

**Options:**

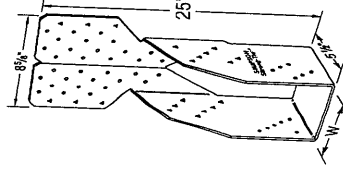
- These hangers may be skewed 45°
- See current catalogue for options



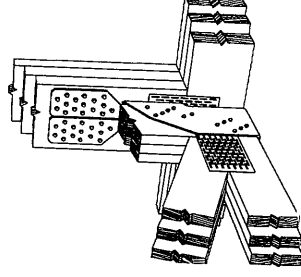
THGQ2-SDS3  
(THGQ3-SDS3 similar)



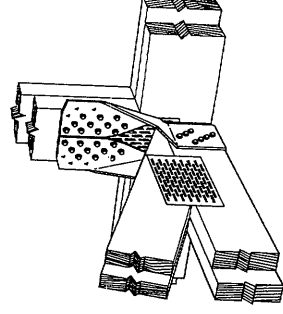
THGQH2-SDS3



THGQH3-SDS4.5  
(THGQH4-SDS6 similar)



Typical THGQH3-SDS4.5  
Installation



Typical THGQ2-SDS3  
Installation

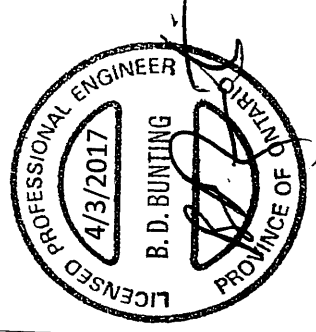
| Model No.            | Width (in.) | Max. B.C. Depth | Min. Vert Web Size | Fasteners              |                        | Factored Resistance (lb.)                          |        |        |        |
|----------------------|-------------|-----------------|--------------------|------------------------|------------------------|----------------------------------------------------|--------|--------|--------|
|                      |             |                 |                    | Header                 | Joist                  | D.Fir-L                                            |        | S-P-F  |        |
|                      |             |                 |                    |                        |                        | Uplift                                             | Normal | Uplift | Normal |
|                      |             |                 |                    |                        |                        | $(K_F = 1.15)(K_b = 1.00)(K_b = 1.15)(K_b = 1.00)$ |        |        |        |
| THGQ2-SDS3 (Min.)    | 3 5/16      | 2x6             | 2x8                | (22) SDS 1/4" x 3"     | (10) SDS 1/4" x 3"     | 5205                                               | 11655  | 3750   | 8395   |
| THGQ2-SDS3 (Max.)    | 3 5/16      | 2x6             | 2x10               | (28) SDS 1/4" x 3"     | (14) SDS 1/4" x 3"     | 6555                                               | 18055  | 4720   | 13000  |
| THGQH2-SDS3 (Min.)   | 3 5/16      | 2x10            | 2x8                | (18) SDS 1/4" x 3"     | (14) SDS 1/4" x 3"     | 5790                                               | 12555  | 4170   | 9040   |
| THGQH2-SDS3 (Max.)   | 3 5/16      | 2x10            | 2x10               | (28) SDS 1/4" x 3"     | (26) SDS 1/4" x 3"     | 14190                                              | 18455  | 10215  | 15160  |
| THGQ3-SDS4.5 (Min.)  | 4 15/16     | 2x6             | 2x8                | (22) SDS 1/4" x 4 1/2" | (10) SDS 1/4" x 4 1/2" | 5205                                               | 11655  | 3750   | 8395   |
| THGQ3-SDS4.5 (Max.)  | 4 15/16     | 2x6             | 2x10               | (28) SDS 1/4" x 4 1/2" | (14) SDS 1/4" x 4 1/2" | 6555                                               | 17760  | 4720   | 12785  |
| THGQH3-SDS4.5 (Min.) | 4 15/16     | 2x10            | 2x10               | (32) SDS 1/4" x 4 1/2" | (14) SDS 1/4" x 4 1/2" | 5790                                               | 17860  | 4170   | 12860  |
| THGQH3-SDS4.5 (Max.) | 4 15/16     | 2x10            | 2x12               | (38) SDS 1/4" x 4 1/2" | (26) SDS 1/4" x 4 1/2" | 14190                                              | 21055  | 10215  | 15160  |
| THGQH4-SDS6 (Min.)   | 6 9/16      | 2x12            | 2x10               | (34) SDS 1/4" x 6"     | (14) SDS 1/4" x 6"     | 5790                                               | 17860  | 4170   | 12860  |
| THGQH4-SDS6 (Max.)   | 6 9/16      | 2x12            | 2x12               | (40) SDS 1/4" x 6"     | (26) SDS 1/4" x 6"     | 14190                                              | 24870  | 10215  | 17905  |

1. Factored resistances have been increased 15% for earthquake or wind load with no further increase allowed; reduce where other loads govern.

2. Minimum 2-ply girder required.

3. Connector must be installed centred on girder vertical webs.

4. The thickness of the supporting girder must be equal to or greater than the screw length. For applications where the length of the supplied screws exceeds the thickness of the supporting girder, 3" or 4 1/2" screws may be substituted for the longer length screws with no load reduction, or a shim block may be used as approved by the Designer.



LIMIT  
STATES  
DESIGN

This technical bulletin is effective until June 30, 2019, and reflects information available as of March 1, 2017. This information is updated periodically and should not be relied upon after June 30, 2019. Contact Simpson Strong-Tie for current information and limited warranty or see [strongtie.com](http://strongtie.com).

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T-SPECTHGQ17 3/17 exp. 6/19

(800) 999-5099  
[strongtie.com](http://strongtie.com)

## LUS - Double Shear Joist Hangers



All LUS hangers have double shear nailing. This patented innovation distributes the load through two points on each joist nail for greater strength. It also allows the use of fewer nails, faster installation and the use of common nails for all connections.

**Material:** 18 gauge

**Finish:** G90 galvanized

### Design:

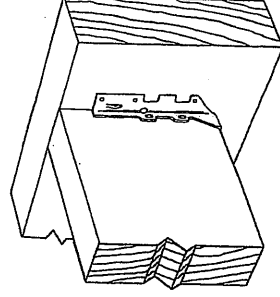
- Factored resistances are in accordance with CSA O86-14.
- Uplift resistances have been increased 15%. No further increase is permitted.
- Wood shear is not considered in the factored resistances given. The specifier must ensure that the joist and header capacities are capable of withstanding these loads.

### Installation:

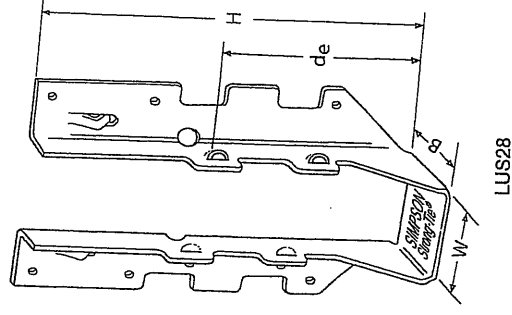
- Use all specified fasteners.
- Nails:  $16d = 0.162"$  dia. x  $3\frac{1}{2}"$  long common wire,  $10d = 0.148"$  x  $3"$  long common wire.
- Double shear nails must be driven at an angle through the joist or truss into the header to achieve the table loads.
- Not designed for welded or nailer applications.

### Options:

- These hangers cannot be modified



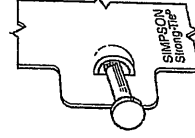
Typical LUS  
Installation



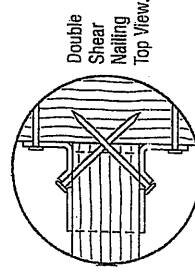
LUS28

| Model No. | Ga. | Dimensions (in.)               |                                |                               |                                |         | Fasteners | Factored Resistance (lb.) |                                  |                                  |                                  |
|-----------|-----|--------------------------------|--------------------------------|-------------------------------|--------------------------------|---------|-----------|---------------------------|----------------------------------|----------------------------------|----------------------------------|
|           |     |                                |                                |                               |                                |         |           | D.Fit-L                   |                                  | S-P-F                            |                                  |
|           |     | W                              | H                              | B                             | d <sub>g</sub> <sup>1</sup>    | Face    |           | Joist                     | Uplift<br>(K <sub>G</sub> =1.15) | Normal<br>(K <sub>G</sub> =1.00) | Uplift<br>(K <sub>G</sub> =1.15) |
| LUS24     | 18  | 1 <sup>9</sup> / <sub>16</sub> | 3 <sup>1</sup> / <sub>8</sub>  | 1 <sup>3</sup> / <sub>4</sub> | 1 <sup>5</sup> / <sub>16</sub> | (4) 10d | (2) 10d   | 710                       | 1630                             | 645                              | 1155                             |
| LUS24-2   | 18  | 3 <sup>1</sup> / <sub>8</sub>  | 3 <sup>1</sup> / <sub>8</sub>  | 2                             | 1 <sup>9</sup> / <sub>16</sub> | (4) 16d | (2) 16d   | 835                       | 2020                             | 590                              | 1435                             |
| LUS26     | 18  | 1 <sup>9</sup> / <sub>16</sub> | 4 <sup>3</sup> / <sub>8</sub>  | 1 <sup>3</sup> / <sub>4</sub> | 3 <sup>3</sup> / <sub>8</sub>  | (4) 10d | (4) 10d   | 1420                      | 2170                             | 1290                             | 1630                             |
| LUS26-2   | 18  | 3 <sup>1</sup> / <sub>8</sub>  | 4 <sup>7</sup> / <sub>8</sub>  | 2                             | 4                              | (4) 16d | (4) 16d   | 1720                      | 2595                             | 1545                             | 1920                             |
| LUS26-3   | 18  | 4 <sup>3</sup> / <sub>8</sub>  | 4 <sup>3</sup> / <sub>8</sub>  | 2                             | 3 <sup>3</sup> / <sub>4</sub>  | (4) 16d | (4) 16d   | 1720                      | 2595                             | 1545                             | 2340                             |
| LUS28     | 18  | 1 <sup>9</sup> / <sub>16</sub> | 6 <sup>5</sup> / <sub>8</sub>  | 1 <sup>3</sup> / <sub>4</sub> | 3 <sup>3</sup> / <sub>8</sub>  | (6) 10d | (6) 10d   | 1420                      | 2520                             | 1290                             | 1790                             |
| LUS28-2   | 18  | 3 <sup>1</sup> / <sub>8</sub>  | 7                              | 2                             | 4                              | (6) 16d | (4) 16d   | 1720                      | 3325                             | 1545                             | 2575                             |
| LUS28-3   | 18  | 4 <sup>3</sup> / <sub>8</sub>  | 6 <sup>1</sup> / <sub>4</sub>  | 2                             | 3 <sup>3</sup> / <sub>4</sub>  | (6) 16d | (4) 16d   | 1720                      | 3325                             | 1545                             | 2375                             |
| LUS210    | 18  | 1 <sup>9</sup> / <sub>16</sub> | 7 <sup>9</sup> / <sub>16</sub> | 1 <sup>3</sup> / <sub>4</sub> | 3 <sup>3</sup> / <sub>8</sub>  | (8) 10d | (4) 10d   | 1420                      | 2785                             | 1290                             | 2210                             |
| LUS210-2  | 18  | 3 <sup>1</sup> / <sub>8</sub>  | 9                              | 2                             | 6                              | (8) 16d | (6) 16d   | 2580                      | 4500                             | 2320                             | 3195                             |
| LUS210-3  | 18  | 4 <sup>3</sup> / <sub>8</sub>  | 8 <sup>3</sup> / <sub>8</sub>  | 2                             | 5 <sup>1</sup> / <sub>4</sub>  | (8) 16d | (6) 16d   | 2580                      | 3345                             | 2320                             | 2375                             |

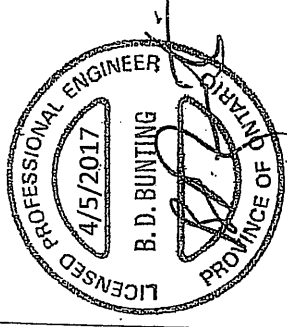
1. d<sub>1</sub> is the distance from the seat of the hanger to the highest joist nail.



Dome Double  
Shear Nailing  
prevents tabs  
breaking off  
(available on  
some models).  
U.S. Patent  
5,603,580



Double  
Shear  
Nailing  
Top View.



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CSPECTUS17-3/17 exp. 6/19

# HUS/LJS -- Double Shear Joist Hangers



All hangers have double shear nailing. This patented innovation distributes the load through two points on each joist nail for greater strength. It also allows the use of fewer nails, faster installation and the use of common nails for all connections. Do not bend or remove tabs.

**Material:** See table

**Finish:** G90 galvanized

**Design:**

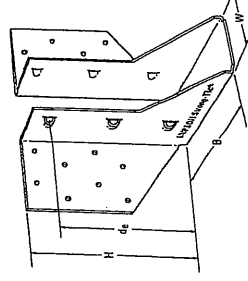
- Factored resistances are in accordance with CSA O86-14.
- Uplift resistances have been increased 15%. No further increase is permitted.
- Wood shear is not considered in the factored resistances given. The specifier must ensure that the joist and header capacities are capable of withstanding these loads.

**Installation:**

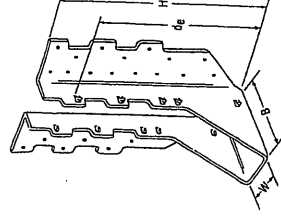
- Use all specified fasteners
- Nails: 16d = 0.162" dia. x 3 1/2" long common wire
- Double shear nails must be driven at an angle through the joist or truss into the header to achieve the table loads
- Not designed for welded or nailer applications

**Options:**

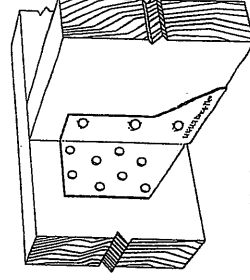
- See current catalogue for options



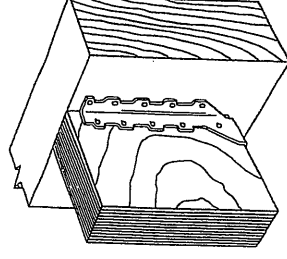
LJS26DS



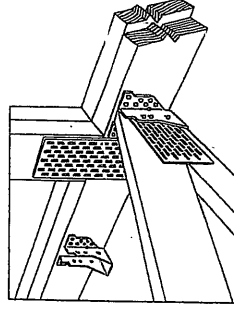
HUS210  
(HUS26, HUS28, similar)



Typical LJS26DS Installation



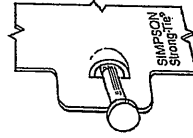
Typical HUS Installation



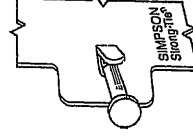
Typical HUS Installation  
(Truss Designer to provide fastener quantity for connecting multiple members together)

| Model No.  | Ga. | Dimensions (in.) |        |       |                | Fasteners |          | Factored Resistance (lb.)               |                                         |                                         |                                         |
|------------|-----|------------------|--------|-------|----------------|-----------|----------|-----------------------------------------|-----------------------------------------|-----------------------------------------|-----------------------------------------|
|            |     | W                | H      | B     | d <sub>1</sub> | Face      | Joist    | D.Fit-L                                 |                                         | S-P-F                                   |                                         |
|            |     |                  |        |       |                |           |          | Uplift<br>(K <sub>u</sub> =1.15)<br>lb. | Normal<br>(K <sub>u</sub> =1.00)<br>lb. | Uplift<br>(K <sub>u</sub> =1.15)<br>lb. | Normal<br>(K <sub>u</sub> =1.00)<br>lb. |
| LJS26DS    | 18  | 1 9/16           | 5      | 3 1/2 | 4 5/8          | (16) 16d  | (6) 16d  | 2055                                    | 4265                                    | 1460                                    | 4115                                    |
| HUS26      | 16  | 1 5/8            | 5 3/8  | 3     | 3 5/16         | (14) 16d  | (6) 16d  | 2705                                    | 4940                                    | 2065                                    | 3875                                    |
| HUS28      | 16  | 1 5/8            | 7 7/16 | 3     | 6 9/16         | (22) 16d  | (8) 16d  | 3605                                    | 5365                                    | 2675                                    | 4345                                    |
| HUS210     | 16  | 1 5/8            | 9 9/16 | 3     | 7 9/16         | (30) 16d  | (10) 16d | 4505                                    | 5795                                    | 4010                                    | 4740                                    |
| HUS1.81/10 | 16  | 1 13/16          | 9      | 3     | 8              | (30) 16d  | (10) 16d | 4505                                    | 6450                                    | 4010                                    | 5200                                    |

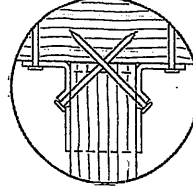
1. d<sub>1</sub> is the distance from the seat of the hanger to the highest joist nail.



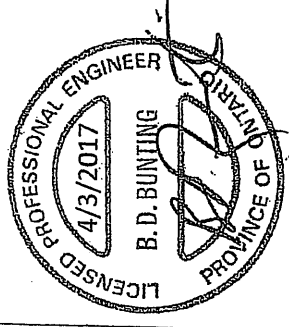
Dome Double Shear Nailing prevents tabs breaking off (available on some models).  
U.S. Patent 5,603,580



Double Shear Nailing Side View. Do not bend tab back.



Double Shear Nailing Top View.



LIMIT STATES DESIGN

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strongtie.com

## HGUS – Double Shear Joist Hangers



All HGUS hangers have double shear nailing. This patented innovation distributes the load through two points on each joist nail for greater strength. It also allows the use of fewer nails, faster installation and the use of common nails for all connections. Do not bend or remove tabs.

**Material:** 12 gauge

**Finish:** G90 galvanized

**Design:**

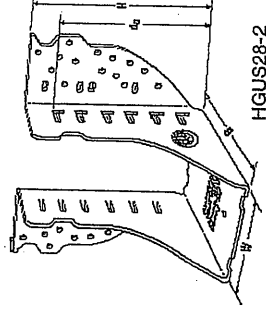
- Factored resistances are in accordance with CSA O86-14.
- Uplift resistances have been increased 15%. No further increase is permitted.
- Wood shear is not considered in the factored resistances given. The specifier must ensure that the joist and header capacities are capable of withstanding these loads.

**Installation:**

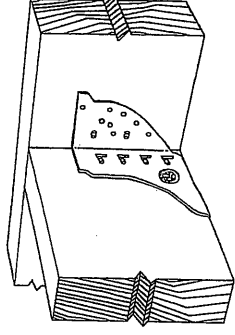
- Use all specified fasteners
- Nails:  $16d = 0.162"$  dia x  $3\frac{1}{2}"$  long common wire
- Double shear nails must be driven at an angle through the joist or truss into the header to achieve the table loads
- Not designed for welded or nailer applications

**Options:**

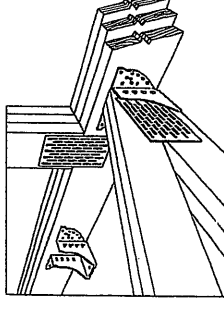
- See current catalogue for options



HGUS28-2



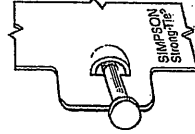
Typical HGUS Installation



Typical HGUS Installation  
(Truss Designer to provide fastener quantity for connecting multiple members together)

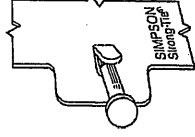
| Model No. | Ga. | Dimensions (in.) |        |   |                             | Fasteners |          | Factored Resistance (lb.)        |                                  |                                  |                                  |
|-----------|-----|------------------|--------|---|-----------------------------|-----------|----------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
|           |     |                  |        |   |                             |           |          | D.F.R.-L                         |                                  | S-P-F                            |                                  |
|           |     | W                | H      | B | d <sub>1</sub> <sup>1</sup> | Face      | Joist    | Uplift<br>(K <sub>0</sub> =1.15) | Normal<br>(K <sub>0</sub> =1.00) | Uplift<br>(K <sub>0</sub> =1.15) | Normal<br>(K <sub>0</sub> =1.00) |
| HGUS26    | 12  | 1%               | 5%     | 5 | 4 5/16                      | (20) 16d  | (8) 16d  | 2685                             | 6925                             | 2685                             | 5700                             |
| HGUS26-2  | 12  | 3%               | 5 1/16 | 4 | 4 1/4                       | (20) 16d  | (8) 16d  | 4385                             | 8950                             | 3100                             | 6355                             |
| HGUS26-3  | 12  | 4 1/16           | 5 1/2  | 4 | 4 1/4                       | (20) 16d  | (6) 16d  | 4385                             | 8950                             | 3100                             | 6355                             |
| HGUS26-4  | 12  | 6%               | 5 1/16 | 4 | 4 1/4                       | (20) 16d  | (8) 16d  | 4385                             | 8950                             | 3100                             | 6355                             |
| HGUS28    | 12  | 1%               | 7 1/8  | 5 | 6 1/8                       | (36) 16d  | (12) 16d | 3310                             | 7675                             | 3100                             | 6900                             |
| HGUS28-2  | 12  | 3 1/8            | 7 3/8  | 4 | 6 1/8                       | (36) 16d  | (12) 16d | 6070                             | 12980                            | 4310                             | 9215                             |
| HGUS28-3  | 12  | 4 1/8            | 7 1/4  | 4 | 6 3/8                       | (36) 16d  | (12) 16d | 6070                             | 12980                            | 4310                             | 9215                             |
| HGUS28-4  | 12  | 6 1/8            | 7 3/8  | 4 | 6 1/8                       | (36) 16d  | (12) 16d | 6070                             | 12980                            | 4310                             | 9215                             |
| HGUS210-2 | 12  | 3 5/8            | 9 3/8  | 4 | 8 1/8                       | (46) 16d  | (16) 16d | 6840                             | 14645                            | 4855                             | 10400                            |
| HGUS210-3 | 12  | 4 1/8            | 9 1/4  | 4 | 8 3/8                       | (46) 16d  | (16) 16d | 6840                             | 14645                            | 4855                             | 10400                            |
| HGUS210-4 | 12  | 6 3/8            | 9 3/8  | 4 | 8 1/8                       | (46) 16d  | (16) 16d | 6840                             | 14645                            | 4855                             | 10400                            |
| HGUS212-4 | 12  | 6 3/8            | 10 3/8 | 4 | 10 1/8                      | (56) 16d  | (20) 16d | 7640                             | 14995                            | 5425                             | 10845                            |
| HGUS214-4 | 12  | 6 3/8            | 12 3/8 | 4 | 11 1/8                      | (66) 16d  | (22) 16d | 10130                            | 16400                            | 7195                             | 11645                            |

1.  $d_e$  is the distance from the seat of the hanger to the highest joist nail.

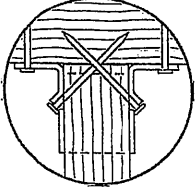


Dome Double Shear Nailing prevents tabs breaking off (available on some models).

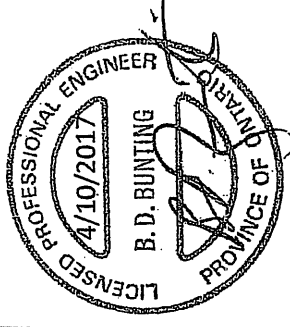
U.S. Patent  
5,603,580



Double Shear Nailing Side View. Do not bend tab back.



Double Shear Nailing Top View.



LIMIT  
STATES  
DESIGN

This technical bulletin is effective until June 30, 2019, and reflects information available as of March 2017. This information is updated periodically and should not be relied upon after June 30, 2019. For more information, contact Simpson Strong-Tie for current information and limited warranty. See strongtie.com.

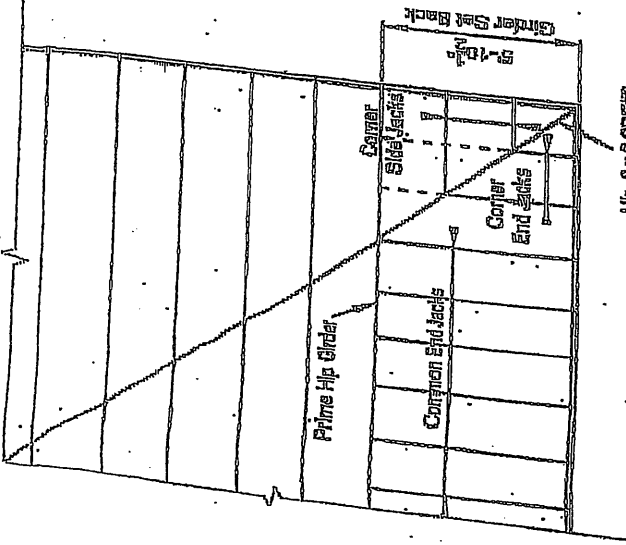
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HSPEC-HGUS17-3/17 exp 6/19

(800) 999-5099  
strongtie.com

# ENGINEERING SERVICES INC.

TEL: (519) 287 - 2242



## LUMBER SPECIFICATION

TOP CHORD : 2x4 SPF#2

BOTTOM CHORD : 2x4 SPF#2

WEBS : 2x3 SPF#2

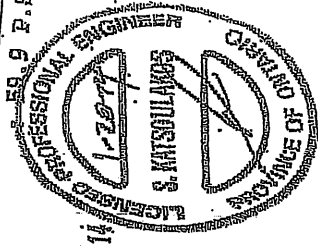
UNLESS OTHERWISE SHOWN

### DESIGN LOADS:

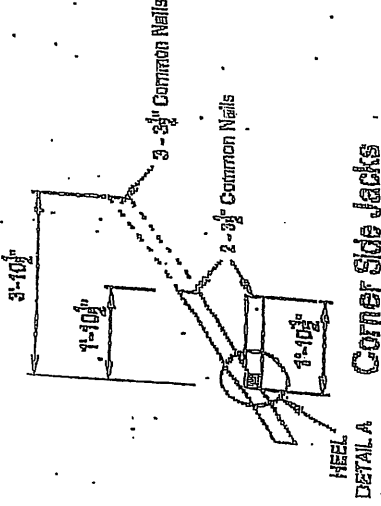
TOP CHORD LIVE LOAD : 39.4 P.S.F.  
 TOP CHORD DEAD LOAD : 3.0 P.S.F.  
 BOTTOM CHORD LIVE LOAD : 10.5 P.S.F.  
 BOTTOM CHORD DEAD LOAD : 7.0 P.S.F.

### TOTAL LOAD

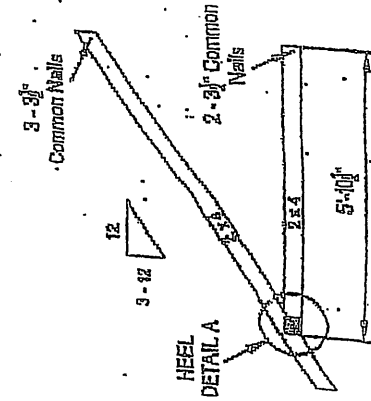
59.9 P.S.F.



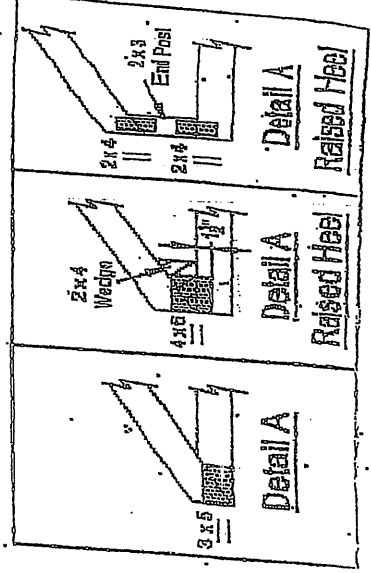
ING NO. 1118495-11  
 STRUCTURAL  
 COMPONENT ONLY



### Common End Jacks



### Common End Jacks



NOTE: DESIGN CONFORMS TO PART 9, O.B.C. 2012 (LIMIT STATES DESIGN)  
 (TO BE INCLUDED AND USED AS PART OF A FULL TRUSS ENGINEERING PACKAGE)

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# LUMBER SPECIFICATION

BOTTOM CHORD: 2x4 SPF#2

UNLESS OTHERWISE SHOWN

**DESIGN LOAD:**

TOP CHORD LIVE LOAD : 34.8 P.S.F.

TOP CHORD DEAD LOAD : 3.0 P.S.F.

BOTTOM CHORD LIVE LOAD, : 0.0 P.S.F.

**BOTTOM CHORD DEAD LOAD : 7.0 P.S.F.**

**TOTAL LOAD** : 44.8 P.S.F.

35314

上海外灘 100 號

AT&T 公司

45° Hip End

Min. 2 x 6 SPF#2  
Ridge Board

### Corner Side Jacks

## Corner End Jacks

## Common End Jacks

### Detail A

### Detail A

### Raised Heel

### Raised Heel

### Detail A

**NOTE: DESIGN CONFORMS TO PART 9, O.B.C. 2012 (LIMIT STATES DESIGN)**

(TO BE INCLUDED AND USED AS PART OF A FULL TRUSS ENGINEERING PACKAGE)

# Site Copy

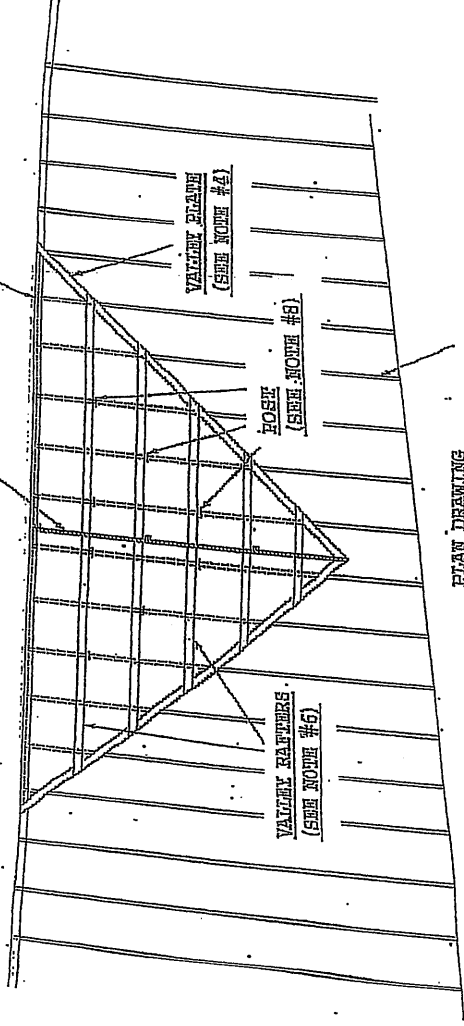
# ENGINEERING SERVICES INC.

TEL: (519) 287 - 2242

R.R. #1, P.O. BOX 61, GLENCOE, ONTARIO, N0L 1M0

## CONVENTIONAL VALLEY FRAMING DETAIL

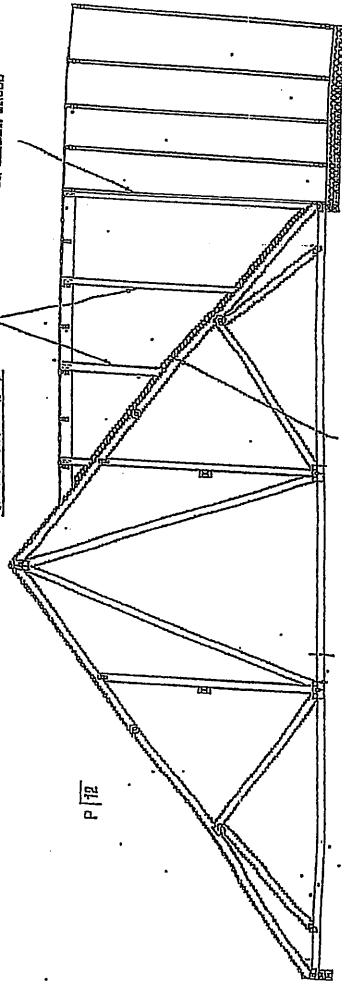
RIDGE BOARD  
(SEE NOTE #5)  
GABLE END, COMMON TRUSS,  
OR GIRDLE TRUSS



PLAN DRAWING

TRUSS SPACING  
(24" O/C)  
GABLE END, COMMON TRUSS  
OR GIRDLE TRUSS

POST  
(SEE NOTE #8)



PLAN SECTION

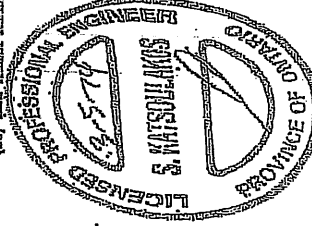
TRUSS MUST  
BE SEEN HERE

### GENERAL SPECIFICATIONS:

- (1) VALUE THE RAKE TRUSSES EXISTING (UNDESIGNED), APPLY SHEETING TOP THIRD OF SUPPORTING (RAKE) TRUSSES.
- (2) BRACE RAKE CHORD AND WEB MEMBERS AS PER ENGINEERED TRUSS DESIGNS.
- (3) DESIGN VALLEY RAKE IN ORDERING A LEVER STRIKE FROM THE INTERSECTING RIDGES OF THE (a) GABLE END, (b) GABLE TRUSS OR (c) COMMON TRUSS TO THE ROOF SHEETING.
- (4) INSTALLED 2 X 6 VALLEY PLATES ON EACH, FASTEN TO EACH SUPPORTING TRUSS WITH (2) 16d (3.5" x 0.131") NAILS.
- (5) SET A 2 X 6 RAKE BOARD (MAX. 10'-0" RIDGE) OR 2 X 8 RAKE RIDGE BOARD (MAX. 20'-0" RIDGE). SUPPORT RIDGE BOARD WITH 2 X 4 POSTS SPACED 48" O/C. RAKE BOARD OR POST TO BE INSTALLED ON THE SHEETING. FASTEN POST TO RIDGE WITH (4) 10d (3" x 0.131") NAILS. FASTEN POST TO ROOF SHEETING WITH (3) 10d (3" x 0.131") NAILS.
- (6) FRAME VALLEY RAFTERS FROM VALLEY PLATE TO RIDGE BOARD, MATCHED RAFTER SPACING IS 24" O/C. FASTEN VALLEY RAFTER TO RIDGE WITH (3) 16d (3.5" x 0.131") NAILS. FASTEN VALLEY RAFTER TO VALLEY PLATE WITH (3) 16d (3.5" x 0.131") NAILS.
- (7) SUPPORT THE VALLEY RAFTERS WITH 2 X 4 POSTS AT 48" O/C (OR LESS) ALONG EACH RAFTER. INSTANT POSTS IN A STAGGERED PATTERN AS SHOWN ON EACH DRAWING. ALIGN POSTS WITH TRUSSES BELOW. FASTEN POST RAFTER TO POST WITH (4) 10d (3" x 0.131") NAILS. FASTEN POST THROUGH SHEETING TO SUPPORTING TRUSSES WITH (2) 16d (3.5" x 0.131") NAILS. POSTS SHALL BE 2 X 4 1/2" OR BETTER. POSTS EXCEEDING 75' IN HEIGHT SHALL BE INCREASED TO 4 X 4 1/2" OR BETTER. OR BE DIS-ASSEMBLED TWO (2) SET 2 X 4 1/2" SET OR BETTER FASTENED TOGETHER WITH 2 NIPS OF 10d (3" x 0.131") NAILS AT 6" O/C.
- (8) MAINTAIN A MINIMUM 3/4" UNDER EDGE DISTANCE WHEN NAILING, NAIL SPACING SHOULD APPROXIMATE A MINIMUM 1-3/4" O/C OR MORE UNLESS NOTED OTHERWISE.
- (9) CONSTRUCTION TO CONFORM TO ONTARIO BUILDING CODE (CURRENT EDITION) AND ALL TRUSS.

### NOTES:

- (10) 48" O/C (MAXIMUM POST SPACING).
- (11) ROOF AREA 1000 = 24.8 RSF (MAX.)
- (12) ROOF AREA 1000 = 10.0 RSF (MAX.)
- (13) PER 19 PRESTRESSING CODE (CONCRETE BUILDING CODE)
- (14) PER 4 PRESTRESSING CODE (CONCRETE BUILDING CODE)
- (15) HAVE APPROVED DESIGN BY LICENSED PROFESSIONAL ENGINEER.
- (16) RAKE TRUSS: MAXIMUM (24" O/C MAX.)
- (17) ALL THE ENGINEERED RAKE TRUSS' CONSIDERED TO BE DESIGNED BY LICENSED PROFESSIONAL ENGINEER AND THIS DETAIL TO BE VERIFIED AND APPROVED BY SAME
- (18) WHEN RIDGE BOARD HEIGHT EXCEEDS 12'-0"
- (19) ALL RAKE TRUSSES: P = 4 (4/12) - RISING.
- (20) ALL TRUSS MEMBERS: P = 4 (4/12) - RISING.



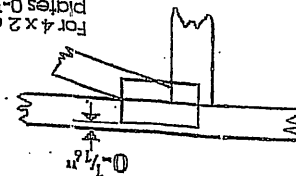
PROVINCE OF ONTARIO  
REGISTERED  
STRUCTURAL  
ENGINEER  
S. KATSOULAS  
574

Site Copy

# Symbols

## PLATE LOCATION AND ORIENTATION

Center plate on joint unless x, y offsets are indicated.  
Dimensions are in ft-in-sixteenths or mm.  
Apply plates to both sides of truss and fully embed teeth.



For 4 x 2 orientation, locate plates 0-1/4" from outside edge of truss.

This symbol indicates the required direction of slots in connector plates.

\*\*Plate location details available in Mitek software or upon request.

## PLATE SIZE

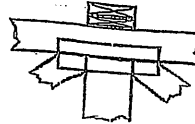
4 x 4

The first dimension is the plate width measured perpendicular to slots. Second dimension is the length parallel to slots.

## LATERAL BRACING LOCATION



Indicated by symbol shown and/or output. Use T, I or Eliminator bracing if indicated.



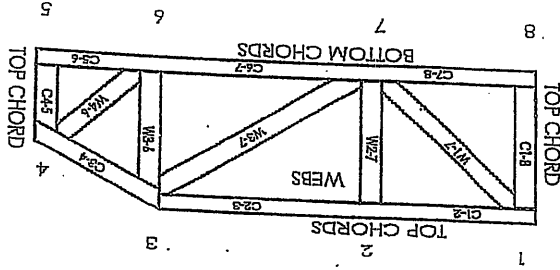
Indicates location where bearings (supports) occur. Icons vary but reaction section indicates joint number where bearings occur.

## Industry Standards

TPIC: Truss Design Procedures and Specifications for Light Metal Plate Connected Wood Trusses  
DSB-89: Building Component Safety Information Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses.

# Numbering System

Dimensions shown in ft-in-sixteenths or mm (Drawings shown not to scale)



JOINTS ARE GENERALLY NUMBERED/LETTERED CLOCKWISE AROUND THE TRUSS STARTING AT THE JOINT FARTHEST TO THE LEFT.

CHORDS AND WEBS ARE IDENTIFIED BY END JOINT NUMBERS/LETTERS.

## PRODUCT CODE APPROVALS

CCMC Reports: 11996-L, 10819-L, 13270-L, 12691-R

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Mitek Engineering Reference Sheet: MIM-7473C rev. 10-08

**General Safety Notes**  
Failure to Follow Could Cause Property Damage or Personal Injury

1. Additional stability bracing for truss system, e.g., diagonal or X-bracing, is always required. See BCSI.
2. Truss bracing must be designed by an engineer. For wide truss spacing, individual lateral bracing themselves may require bracing, or alternative T, I, or Eliminator bracing should be considered.
3. Never exceed the design loadings shown and never stack materials on inadequately braced trusses.
4. Provide copies of this truss design to the building designer, erection supervisor, property owner and all other interested parties.
5. Cut members to bear tightly against each other.
6. Place plates on each face of truss at each joint and embed fully. Knots and wane at joint locations are regulated by TPIC.
7. Design assumes trusses will be suitably protected from the environment in accord with TPIC.
8. Unless otherwise noted, moisture content of lumber shall not exceed 1% at time of fabrication.
9. Unless expressly noted, this design is not applicable for use with fire retardant, preservative treated, or green lumber.
10. Camber is a non-structural consideration and is the responsibility of truss fabricator. General practice is to camber for dead load deflection.
11. Plate type, size, orientation and location dimensions indicated are minimum plating requirements.
12. Lumber used shall be of the species and size, and in all respects, equal to or better than that specified.
13. Top chords must be sheathed or purlins provided at spacing indicated on design.
14. Bottom chords require lateral bracing at 10 ft. spacing, or less, if no ceiling is installed, unless otherwise noted.
15. Connections not shown are the responsibility of others.
16. Do not cut or alter truss member or plate without prior approval of an engineer.
17. Install and load vertically unless indicated otherwise.
18. Use of green or treated lumber may pose unacceptable environmental, health or performance risks. Consult with project engineer before use.
19. Review all portions of this design (from, back, words and pictures) before use. Reviewing pictures alone is not sufficient.
20. Design assumes manufacture in accordance with TPIC Quality Criteria.

Micro City Engineering Services Inc.  
(BCIN: 26064; FIRM BCIN: 29991)  
RR #1, Po Box 61  
Glencoe, Ontario  
N0L 1M0

(519) 287 - 2242; Fax: (519) 287 - 5750 (Call)

#### Responsibilities:

Micro City Engineering Services is responsible for the design of trusses as individual components.

It is the responsibilities of others to ascertain that the design loads utilized on this (these) drawing(s) meet or exceed the actual dead load imposed by the structure and the live load imposed by the local building code or the authorities having jurisdiction over such decisions.

All dimensions are to be verified by the owner, contractor, architect, or other authority having input over such decisions prior to truss component manufacture. At no time shall Micro City Engineering Services Inc. or its employees be responsible for dimension errors.

Micro City Engineering Services Inc. bears no responsibility for the erection of any truss components. Persons erecting truss components are cautioned to seek professional advice regarding temporary and permanent bracing systems and to be totally familiar with all aspects of truss erection prior to proceeding on any truss component erection job. Any bracing shown on Micro City Engineering Services Inc. or Tamarack Roof Trusses Inc. sealed or unsealed truss component drawings is specified for the single truss component in question and is identified as an integral part of the design for that particular truss component but is not meant to represent the only required bracing for that particular truss component when installed as a component in a series of truss components in a roof truss system.

It is the truss manufacturer's responsibility to ensure that trusses are manufactured in accordance with Micro-City-Engineering Services Inc. specifications outlined below:

#### SPECIFICATIONS:

Truss components sealed by Micro City Engineering Services Inc. must conform to the relevant sections of the current Building Code of Ontario and Canada (Part 4 or Part 9) or the current Farm Building Code of Canada in accordance with the application specified on the sealed truss component drawing. All truss component design procedures must conform to the current design standard issued by the Truss Plate Institute of Canada (TPIC). All unit lumber and nailing stresses identified on truss component design drawings and/or used in the design of individual truss components shall conform to the current CSA Wood Design standard identified in the current Building Code and TPIC Design Standards.

The lumber used to manufacture any truss component is to conform to the specified size and grade identified on the truss drawing.

The lumber used in the manufacture of any truss component is not to exceed 19% during its service use unless specifically noted on the truss drawing.

The lumber used in the manufacture of any truss component is not to be treated with any chemicals during its service life unless specifically noted on the truss drawing.

Connector plates shall be applied to both faces of the truss component at each joint and shall be positioned exactly as specified.

The top chord of any truss component is assumed to be continuously laterally braced by the roof sheathing or purlins at intervals specified on the sealed truss component drawing but not exceeding 24" o/c (Part 9 design) and not exceeding 48" o/c (Part 4 or Agricultural design).

When a truss component is to be installed with no rigid ceiling attached directly to the bottom chord, then the bottom chord is to be laterally braced at intervals not exceeding 3m (or 10'-0").

**All sealed or unsealed truss component drawings provided by Micro City Engineering Services Inc. Or Tamarack Roof Trusses Inc. should be read in conjunction with the following:**

**Warning-Verify design parameters and READ NOTES ON THIS AND INCLUDED MITEK REFERENCE PAGE ML-7473C rev 10-'08 BEFORE USE.** Design valid for use only with Mitek connectors. This design is based only upon parameters shown, and is for individual building component. Applicability of design parameters and proper incorporation of component is the responsibility of the building designer - not the truss designer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to insure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection, and bracing, consult TPIC Appendix G - Minimum Quality Manufacturing Criteria available from [www.tpinc.ca](http://www.tpinc.ca) and BCSI Building Component Safety Information available from the Truss Plate Institute, 781 N. Lee Street, Suite 312, Alexandria, VA, 22314.

