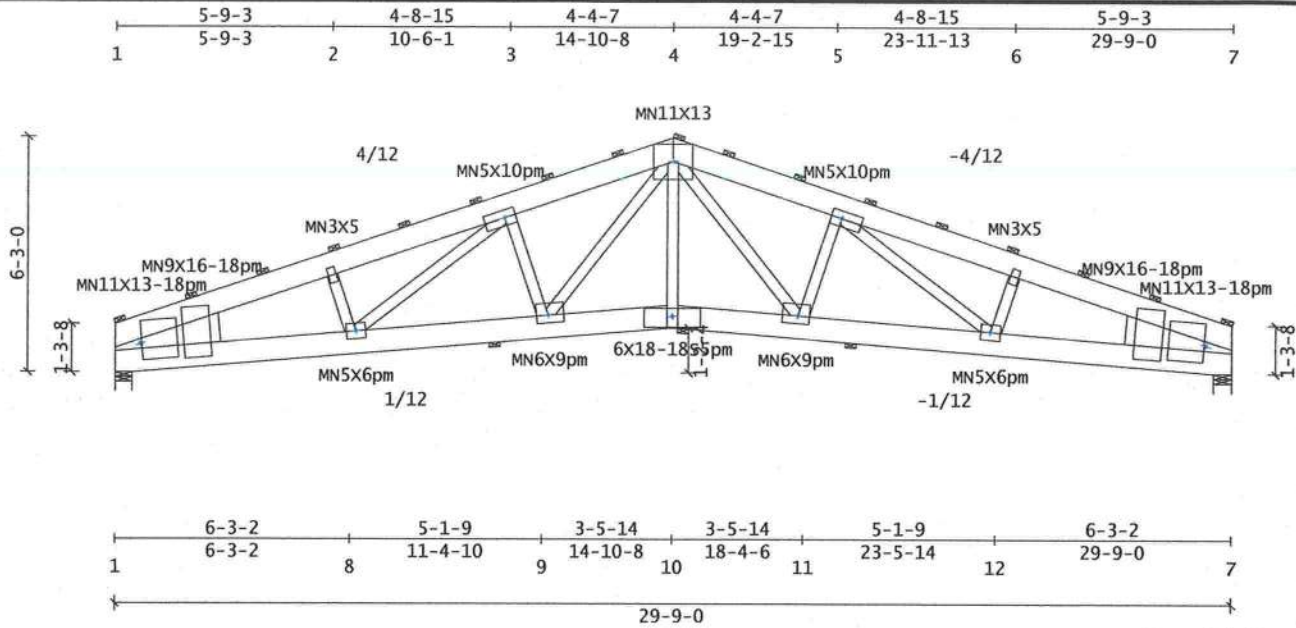


Customer: 131130939

SID:
TID:
Date: 10/10/21
Page: 1 of 1

Truss Mfr. MBI



Design: TPI-2014
PSF Live Dead Dur Factors
TC 45.0 4.0 Live Wind Snow
BC 0.0 4.0 Lum 1.15 N/A 1.15
Total 53.0 Plt 1.15 N/A 1.15
Spacing: 8-00-00 o.c. Plies: 1
Repetitive Member Increase: No
Green Lumber: No Wet Service: No
Fab Tolerance: 10% Creep (Kcr) = 2.0

Material Summary

TC 2x8 SP 2400/2.0
BC 2x8 SP 2400/2.0
Webs 2x4 SP (ALSC6-2013) #1
Wedge 2x10 SP (ALSC6-2013) #1

Member Forces Summary

Mem	Ten	Comp	CSI
TC 1-2	0	13218	0.76
2-3	0	12838	0.90
3-4	0	12714	0.60
4-5	0	12714	0.60
5-6	0	12837	0.90
6-7	0	13218	0.76
BC 1-8	12102	0	0.86
7-12	12101	0	0.86
8-9	12447	0	0.92
9-10	10335	0	0.53
10-11	10335	0	0.53
11-12	12447	0	0.92
Web 2-8	37	406	0.04
3-8	0	540	0.23
3-9	0	1759	0.29
4-9	2508	0	0.41
4-10	2101	0	0.35
4-11	2508	0	0.41
5-11	0	1759	0.29
5-12	0	540	0.23
6-12	37	405	0.04
MSC 10-10	0	0	0.00

Reaction Summary

Reaction Summary (Lbs)-----
Jnt --X- Loc React
1 02-12 6306
7 29-06-04 6306

Loads Summary

See Loadcase Report for loading combinations and additional details.

Notes

Plates designed for Cq at 0.90 and Rotational Tolerance of 5.0 degrees
A "pm" next to the plate size indicates that the plate has been user
modified; see Plate Offsets for any special positioning requirements.
Single pass roller reduction factor has been used.

Deflection Summary

TrussSpan	Limit	Actual(in)	Location
Vert LL	L/240	L/472(-0.74)	10-11
Vert DL	L/120	L/999(-0.13)	10-11
Vert CR	L/180	L/400(-0.88)	10-11
Horz LL	1.00in	(0.34)	@Jt 7
Horz CR	1.50in	(0.40)	@Jt 7
DPL LL	2L/120	2L/999(0.00)	10-4

Bracing Data Summary

-----Bracing Data-----
Chords; continuous except where shown
-----Purlins-----
--oC-- --From-- --To-- #Bays
TC 2-00-00 0 29-09-00 16
BC 7-06-00 0 29-09-00 3
Web Bracing -- None

Plate offsets (X, Y):

(None unless indicated below)
Jnt1(06-02,01-08), Jnt3(-01-07,-00-08),
Jnt4(0,-00-01), Jnt5(01-07,-00-08),
Jnt7(-06-02,01-08), Jnt8(00-01,-00-01),
Jnt9(00-09,00-11), Jnt10(00-01,-00-08),
Jnt11(-00-09,00-11), Jnt12(00-02,0)

Joint Stress Index (JSI):

Jnt1(0.97), Jnt1(0.83), Jnt2(0.60),
Jnt3(0.63), Jnt4(0.91), Jnt5(0.63),
Jnt6(0.60), Jnt7(0.97), Jnt7(0.83),
Jnt8(0.62), Jnt9(0.91), Jnt10(0.86),
Jnt11(0.91), Jnt12(0.61)

Digitally signed by
Benjamin Zobrist

Date: 2024.02.21 10:58:50

-06'00'

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Component Solutions
Truss Studio V
2021.3.3.19