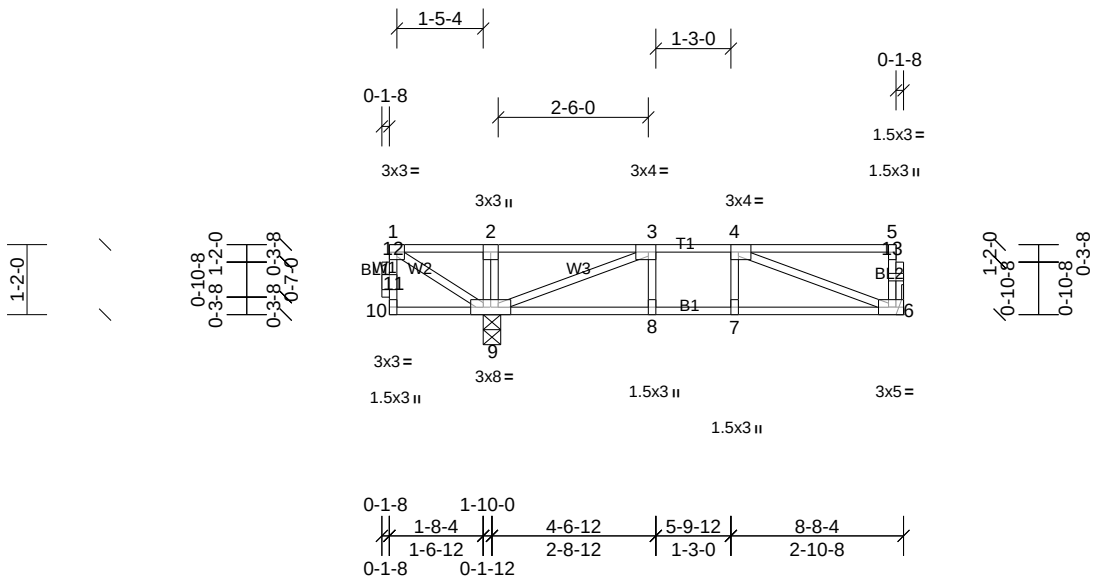


Job	Truss	Truss Type	Qty	Ply	EZ SPS DBA/GRN R PNL FLR
72406233	F100	Truss	14	1	Job Reference (optional)



Scale = 1:38.5

Plate Offsets (X, Y): [3:0-1-8,Edge], [4:0-1-8,Edge], [6:0-2-0,Edge]												
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.49	Vert(LL)	-0.04	6-7	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.39	Vert(CT)	-0.05	6-7	>999	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.19	Horz(CT)	0.01	6	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 46 lb	FT = 20%F, 11%E

LUMBER				BRACING			
TOP CHORD	2x4 SP No.2(flat)			TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.		
BOT CHORD	2x4 SP No.2(flat)			BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.		
WEBS	2x4 SP No.3(flat)						
OTHERS	2x4 SP No.3(flat)						

REACTIONS	(lb/size)	6=341/ Mechanical, (min. 0-1-8), 9=574/0-3-8, (min. 0-1-8)
	Max Grav	6=357 (LC 4), 9=574 (LC 1)
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD	3-4=-596/0	
BOT CHORD	8-9=0/596, 7-8=0/596, 6-7=0/596	
WEBS	2-9=-252/0, 3-9=-681/0, 4-6=-632/0	

- NOTES
- Unbalanced floor live loads have been considered for this design.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - CAUTION, Do not erect truss backwards.



Job	Truss	Truss Type	Qty	Ply	EZ SPS DBA/GRN R PNL FLR
72406233	F101	Truss	4	1	Job Reference (optional)

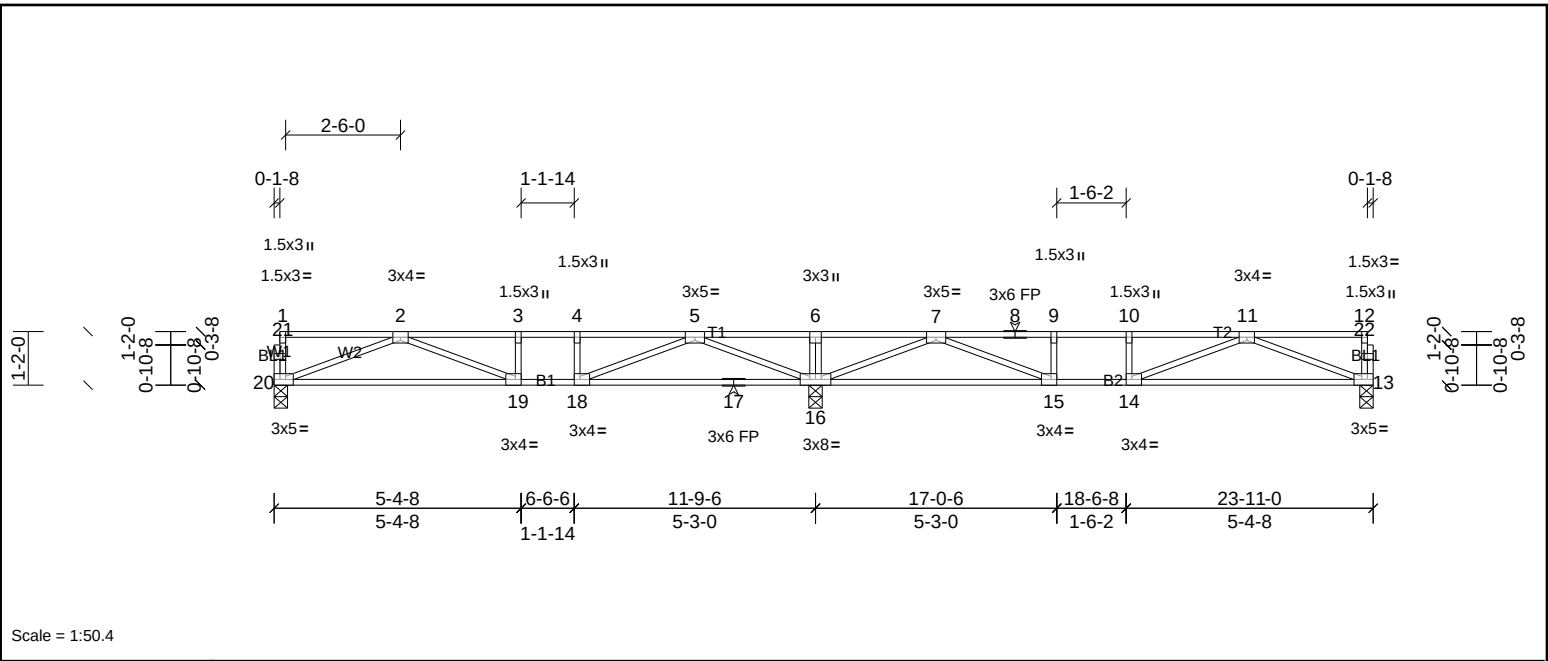


Plate Offsets (X, Y): [13:0-2-0,Edge], [14:0-1-8,Edge], [15:0-1-8,Edge], [18:0-1-8,Edge], [19:0-1-8,Edge], [20:0-2-0,Edge]												
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	I/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.65	Vert(LL)	-0.16	13-14	>898	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.65	Vert(CT)	-0.26	13-14	>553	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.46	Horz(CT)	0.03	13	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 116 lb	FT = 20%F, 11%E

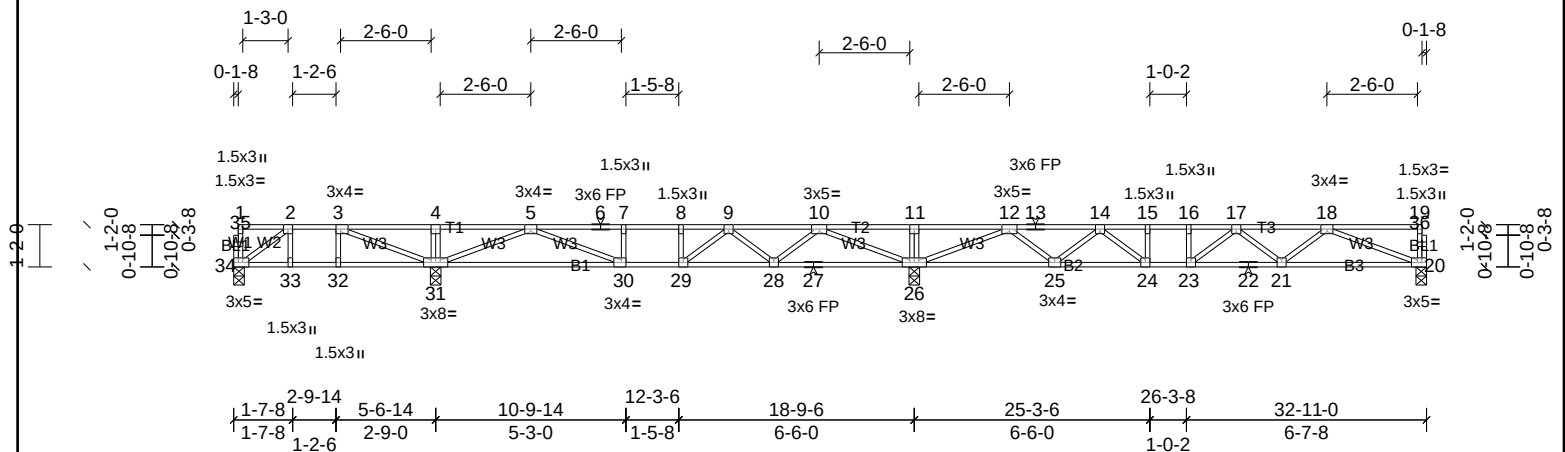
LUMBER			BRACING		
TOP CHORD	2x4 SP No.2(flat)		TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.	
BOT CHORD	2x4 SP No.2(flat)		BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing.	
WEBS	2x4 SP No.3(flat)				
OTHERS	2x4 SP No.3(flat)				
REACTIONS	(lb/size)	13=558/0-3-8, (min. 0-1-8), 16=1497/0-3-8, (min. 0-1-8), 20=536/0-3-8, (min. 0-1-8)			
	Max Grav	13=592 (LC 4), 16=1497 (LC 1), 20=575 (LC 10)			
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.				
TOP CHORD	2-3=-1481/0, 3-4=-1481/0, 4-5=-1481/0, 5-6=0/1107, 6-7=0/1107, 7-8=-1554/0, 8-9=-1554/0, 9-10=-1554/0, 10-11=-1554/0				
BOT CHORD	19-20=0/1145, 18-19=0/1481, 17-18=-222/772, 16-17=-222/772, 15-16=-185/784, 14-15=0/1554, 13-14=0/1187				
WEBS	6-16=-289/0, 4-18=-285/0, 9-15=-298/0, 2-20=-1225/0, 2-19=-23/363, 5-16=-1576/0, 5-18=0/923, 7-16=-1601/0, 7-15=0/961, 11-13=-1270/0, 11-14=-3/397				

- NOTES**
- Unbalanced floor live loads have been considered for this design.
 - All plates are 1.5x3 MT20 unless otherwise indicated.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
 - CAUTION, Do not erect truss backwards.



Job	Truss	Truss Type	Qty	Ply	EZ SPS DBA/GRN R PNL FLR
72406233	F104	Truss	6	1	Job Reference (optional)

Run: 8.62 S Sep 22 2022 Print: 8.620 S Sep 22 2022 MiTek Industries, Inc. Thu Feb 29 10:01:47 Page: 1
ID:2h4uFG2ncdGBly6rFJlcbzIbCf-Blwj_1RvJMTOqdgybmB7Tzw9g5oM_jqovXXEfBzgKEY



Scale = 1:63.9

Plate Offsets (X, Y):	[3:0-1-8,Edge], [20:0-2-0,Edge], [30:0-1-8,Edge], [34:0-2-0,Edge]
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Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.86	Vert(LL)	-0.13	21-23	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.69	Vert(CT)	-0.17	21-23	>995	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.55	Horz(CT)	0.03	20	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 163 lb	FT = 20%F, 11%E

LUMBER		BRACING	
TOP CHORD	2x4 SP No.2(flat)	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	2x4 SP No.2(flat)	BOT CHORD	Rigid ceiling directly applied or 6-0-0 oc bracing, Except:
WEBS	2x4 SP No.3(flat)		10-0-0 oc bracing: 23-24,21-23,20-21.
OTHERS	2x4 SP No.3(flat)		
REACTIONS			
	All bearings 0-3-8.		
	(lb) - Max Uplift	All uplift 100 (lb) or less at joint(s) 34	
	Max Grav	All reactions 250 (lb) or less at joint(s) 34 except 20=671 (LC 5), 26=1750 (LC 11), 31=1154 (LC 3)	
FORCES			
	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.		
TOP CHORD	3-4=0/757, 4-5=0/757, 5-6=-1369/146, 6-7=-1369/146, 7-8=-1369/146, 8-9=-1369/146, 9-10=-834/493, 10-11=0/1865, 11-12=0/1865, 12-13=-1120/318, 13-14=-1120/318, 14-15=-1939/0, 15-16=-1939/0, 16-17=-1939/0, 17-18=-1706/0		
BOT CHORD	30-31=-164/748, 29-30=-146/1369, 28-29=-316/1219, 27-28=-692/414, 26-27=-692/414, 25-26=-557/593, 24-25=-103/1627, 23-24=0/1939, 22-23=0/1961, 21-22=0/1961, 20-21=0/1392		
WEBS	4-31=-274/0, 11-26=-281/0, 2-34=-280/204, 15-24=-276/0, 3-31=-842/0, 5-31=-1448/0, 5-30=0/727, 10-26=-1804/0, 10-28=0/640, 9-28=-618/0, 9-29=0/490, 12-26=-2028/0, 12-25=0/768, 14-25=-754/0, 14-24=0/657, 18-20=-1491/0, 18-21=0/408, 17-21=-331/36, 17-23=-338/111		



Job	Truss	Truss Type	Qty	Ply	EZ SPS DBA/GRN R PNL FLR
72406233	F106	Truss	2	1	Job Reference (optional)

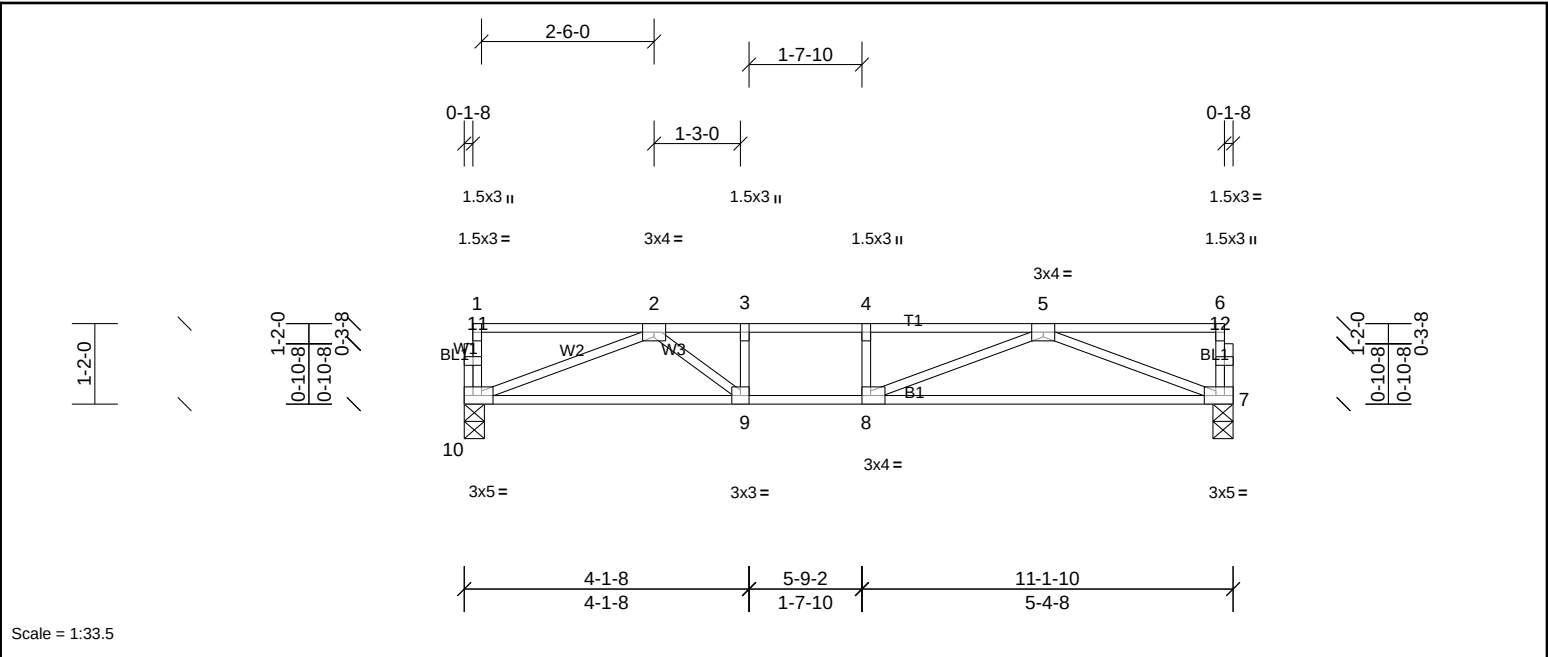


Plate Offsets (X, Y): [7:0-2-0,Edge], [8:0-1-8,Edge], [10:0-2-0,Edge]

Loading	(psf)	Spacing	1-7-3	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.51	Vert(LL)	-0.12	7-8	>999	480	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.52	Vert(CT)	-0.19	7-8	>670	360		
BCLL	0.0	Rep Stress Incr	YES	WB	0.28	Horz(CT)	0.02	7	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH							Weight: 55 lb	FT = 20%F, 11%E

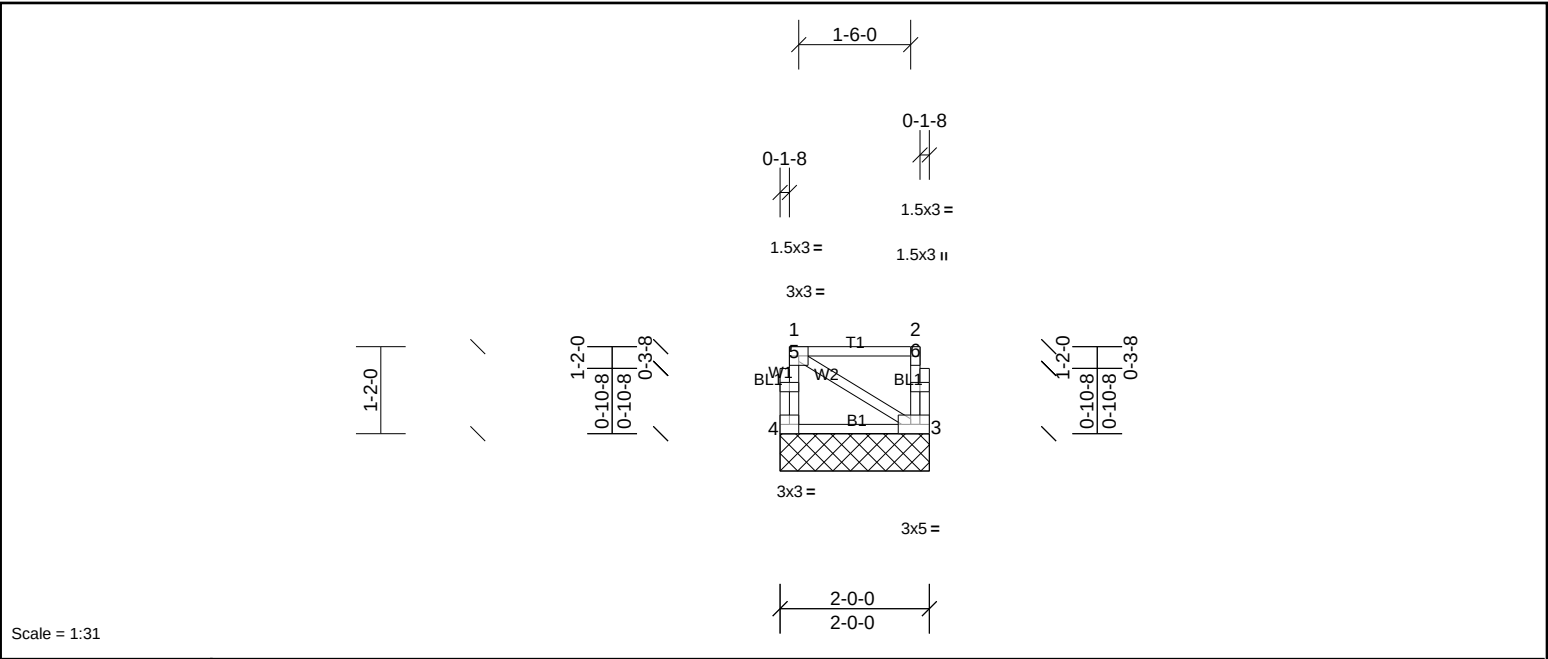
LUMBER		BRACING	
TOP CHORD	2x4 SP No.2(flat)	TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD	2x4 SP No.2(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS	2x4 SP No.3(flat)		
OTHERS	2x4 SP No.3(flat)		

REACTIONS	(lb/size)	7=474/0-3-8, (min. 0-1-8), 10=474/0-3-8, (min. 0-1-8)
FORCES	(lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.	
TOP CHORD	2-3=-1232/0, 3-4=-1232/0, 4-5=-1232/0	
BOT CHORD	9-10=0/952, 8-9=0/1232, 7-8=0/947	
WEBS	2-10=-1019/0, 2-9=0/460, 5-7=-1014/0, 5-8=0/404	

- NOTES
- Unbalanced floor live loads have been considered for this design.
 - This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.



Job	Truss	Truss Type	Qty	Ply	EZ SPS DBA/GRN R PNL FLR
72406233	K102	Truss	1	1	Job Reference (optional)



Scale = 1:31

Plate Offsets (X, Y):		[3:0-2-0,Edge]										
Loading	(psf)	Spacing	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.20	Vert(LL)	n/a	-	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.03	Vert(TL)	n/a	-	n/a	999		
BCLL	0.0	Rep Stress Incr	YES	WB	0.00	Horiz(TL)	0.00	3	n/a	n/a		
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-P							Weight: 13 lb	FT = 20%F, 11%E

LUMBER
TOP CHORD 2x4 SP No.2(flat)
BOT CHORD 2x4 SP No.2(flat)
WEBS 2x4 SP No.3(flat)
OTHERS 2x4 SP No.3(flat)

BRACING
TOP CHORD Structural wood sheathing directly applied or 2-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size) 3=90/2-0-0, (min. 0-1-8), 4=90/2-0-0, (min. 0-1-8)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES
1) Gable requires continuous bottom chord bearing.
2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
3) Gable studs spaced at 1-4-0 oc.
4) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
5) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

