

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
26-1337F	F3-6-Cond1	FLOOR	7	1	

25.3.0 s Jan 8 2026 MiTek Industries, Inc. Mon Jun 29 09:05:08 2026 Page 1
ID:wQ3D8L_6C9PfXPTa6UWFCnz1URE-hevWZjglIFV6IUqj4UQEjgRKA?WGAKYo0oYP9rz1UJv

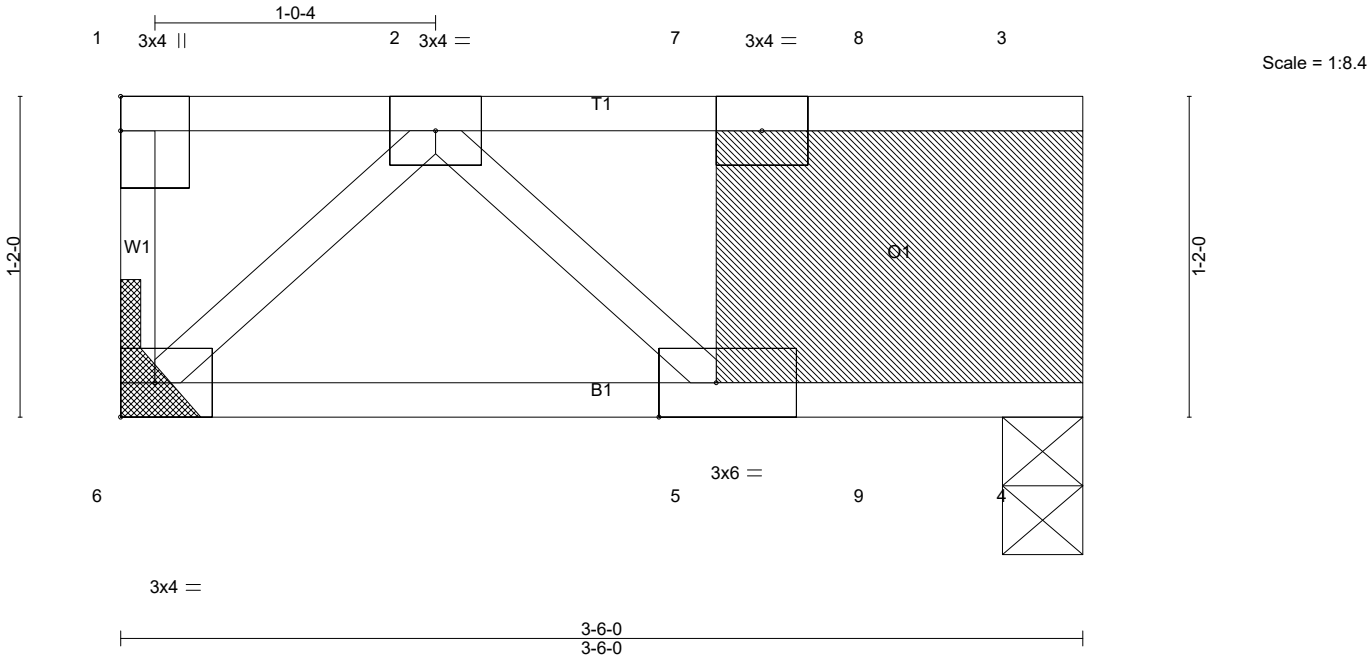


Plate Offsets (X,Y)-- [5:0-2-8,Edge]									
LOADING (psf)		SPACING- 1-7-3		CSI.		DEFL. in (loc) l/defl L/d		PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.04	Vert(LL)	-0.00 6 >999 360	MT20	197/144
TCDL	10.0	Lumber DOL	1.00	BC	0.05	Vert(CT)	-0.00 5-6 >999 240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.02	Horz(CT)	0.00 4 n/a n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-P				Weight: 15 lb	FT = 20%F, 11%E

Job	Truss	Truss Type	Qty	Ply	
26-1337F	F11-Cond1	FLOOR	7	1	Job Reference (optional)

25.3.0 s Jan 8 2026 MiTek Industries, Inc. Mon Jun 29 09:05:10 2026 Page 1

ID:wQ3D8L_6C9PFXPTa6UWFCnz1URE-e10G_PhZHslqXnz6CuSio5Wdbo4LeCZ4U61WEkz1UJt

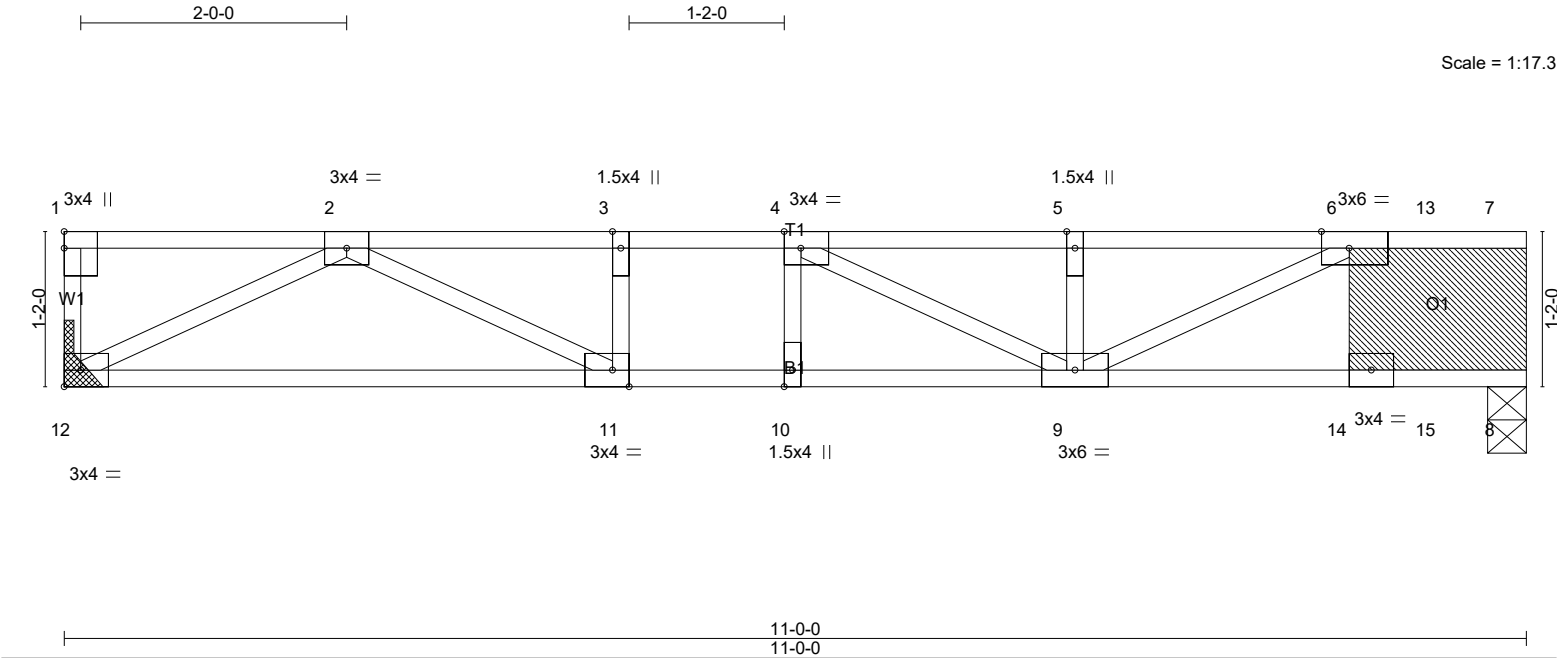


Plate Offsets (X,Y)-- [4:0-1-8,Edge], [6:0-2-8,Edge], [11:0-1-8,Edge]									
LOADING (psf)	SPACING-	1-7-3	CSI.	DEFL.	in	(loc)	I/defl	L/d	PLATES
TCLL 40.0	Plate Grip DOL	1.00	TC 0.24	Vert(LL)	-0.06	9-10	>999	360	MT20
TCDL 10.0	Lumber DOL	1.00	BC 0.45	Vert(CT)	-0.08	9-10	>999	240	GRIP
BCLL 0.0	Rep Stress Incr	YES	WB 0.18	Horz(CT)	0.01	8	n/a	n/a	197/144
BCDL 5.0	Code IRC2015/TPI2014		Matrix-S						
									Weight: 42 lb FT = 20%F, 11%E

LUMBER-	BRACING-	
TOP CHORD 2x4 SPF No.2(flat)	TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD 2x4 SPF No.2(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SPF No.2(flat)		
OTHERS 1-4-0 x 0-11-0 x 16" TrimFit I-Block (12" Trim)		

REACTIONS. (lb/size) 8=475/0-3-8 (min. 0-1-8), 12=475/Mechanical

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

TOP CHORD 2-3=-1209/0, 3-4=-1209/0, 4-5=-1071/0, 5-6=-1071/0, 6-13=-343/0

BOT CHORD 11-12=0/783, 10-11=0/1209, 9-10=0/1209, 9-14=0/500

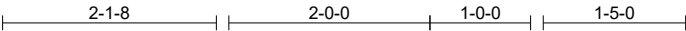
WEBS 6-9=0/639, 2-12=-877/0, 2-11=0/501, 4-9=-298/14

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) Refer to girder(s) for truss to truss connections.
 - 3) 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.
 - 4) This truss is manufactured with TrimFit I-Block trimmable end. TrimFit flange mininum Ft: 3X2=535 psi, 4X2=382 psi.
 - 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
 - 6) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
26-1337F	F14-Cond1	FLOOR	16	1	

25.3.0 s Jan 8 2026 MiTek Industries, Inc. Mon Jun 29 09:05:11 2026 Page 1
ID:wQ3D8L_6C9PfXPTa6UWFCnz1URE-6DafClIB2Ath9xYImczxLJ3jzCNxNcwEjmm3mAz1UJs



Scale = 1:22.9

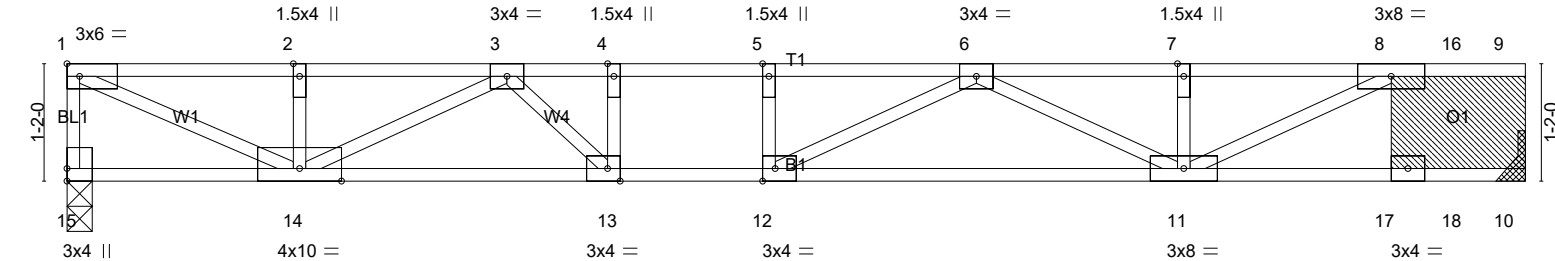


Plate Offsets (X,Y)-- [12:0-1-8,Edge], [13:0-1-8,Edge]									
LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES	
TCLL	40.0	Plate Grip DOL	1-7-3	TC	0.52	in	(loc)	l/defl	L/d
TCDL	10.0	Lumber DOL	1.00	BC	0.69	Vert(LL)	-0.16	11-12	>999
BCLL	0.0	Rep Stress Incr	YES	WB	0.37	Vert(CT)	-0.23	11-12	>761
BCDL	5.0	Code IRC2015/TPI2014		Matrix-S		Horz(CT)	0.03	10	n/a
								Weight: 55 lb	FT = 20%F, 11%E

LUMBER-		BRACING-		[MCT]
TOP CHORD	2x4 SPF No.2(flat)	TOP CHORD	Structural wood sheathing directly applied.	
BOT CHORD	2x4 SPF No.2(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.	
WEBS	2x4 SPF No.2(flat)			
OTHERS	1-4-0 x 0-11-0 x 16" TrimFit I-Block (12" Trim)			

REACTIONS. (lb/size) 15=628/0-3-0 (min. 0-1-8), 10=628/Mechanical

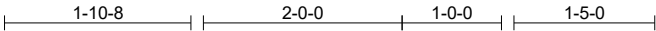
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1176/0, 2-3=-1176/0, 3-4=-2106/0, 4-5=-2106/0, 5-6=-2106/0, 6-7=-1547/0, 7-8=-1547/0, 8-16=-464/0, 1-15=-616/0
BOT CHORD 13-14=0/1825, 12-13=0/2106, 11-12=0/2026, 11-17=0/681
WEBS 8-11=0/970, 1-14=0/1296, 6-11=-537/0, 3-14=-727/0, 6-12=-104/327, 3-13=0/523, 4-13=-272/0

- NOTES-**
- Unbalanced floor live loads have been considered for this design.
 - Refer to girder(s) for truss to truss connections.
 - 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.
 - This truss is manufactured with TrimFit I-Block trimmable end. TrimFit flange minimum Ft: 3X2=535 psi, 4X2=382 psi.
 - Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
26-1337F	F14A-Cond1	FLOOR	12	1	Job Reference (optional)

25.3.0 s Jan 8 2026 MiTek Industries, Inc. Mon Jun 29 09:05:13 2026 Page 1
ID:wQ3D8L_6C9PfXPTa6UWFCnz1URE-2ciPdQjRan7PPFigt10PQk83N03RqXCXA3FAq3z1UJq



Scale = 1:23.2

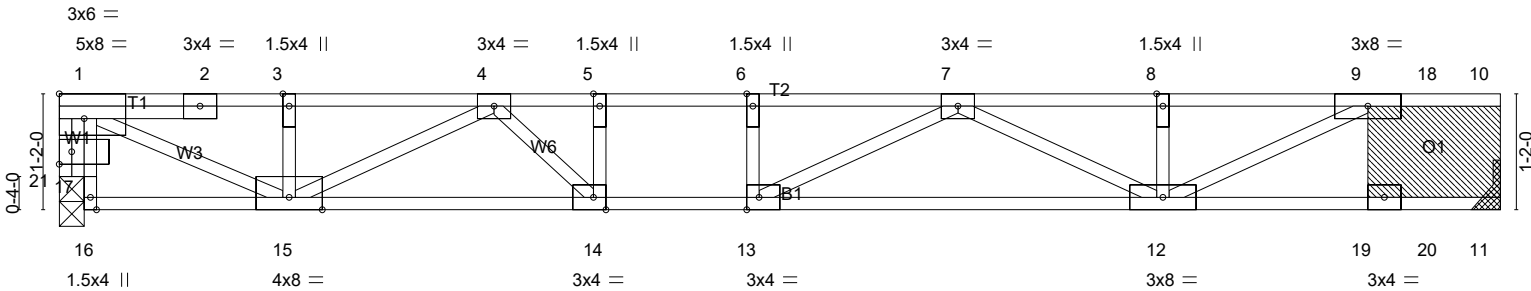


Plate Offsets (X,Y)-- [1:Edge,0-3-0], [13:0-1-8,Edge], [14:0-1-8,Edge], [17:0-1-8,0-1-8]									
LOADING (psf)		SPACING- 1-7-3		CSI.		DEFL. in (loc) l/defl L/d		PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	TC	0.53	Vert(LL)	-0.15 12-13 >999 360	MT20	197/144
TCDL	10.0	Lumber DOL	1.00	BC	0.69	Vert(CT)	-0.22 12-13 >763 240		
BCLL	0.0	Rep Stress Incr	YES	WB	0.32	Horz(CT)	0.03 11 n/a n/a		
BCDL	5.0	Code IRC2015/TPI2014		Matrix-S				Weight: 57 lb	FT = 20%F, 11%E

LUMBER-	BRACING-	[MCT]
TOP CHORD 2x4 SPF No.2(flat)	TOP CHORD Structural wood sheathing directly applied, except end verticals.	
BOT CHORD 2x4 SPF No.2(flat)	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.	
WEBS 2x4 SPF No.2(flat)		
OTHERS 1-4-0 x 0-11-0 x 16" TrimFit I-Block (12" Trim)		

REACTIONS. (lb/size) 11=623/Mechanical, 21=612/0-3-0 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 1-2=-1098/0, 2-3=-1094/0, 3-4=-1094/0, 4-5=-2063/0, 5-6=-2063/0, 6-7=-2063/0, 7-8=-1530/0, 8-9=-1530/0, 9-18=-459/0
BOT CHORD 14-15=0/1778, 13-14=0/2063, 12-13=0/1998, 12-19=0/675
WEBS 9-12=0/958, 1-15=0/1119, 7-12=-525/0, 4-15=-766/0, 7-13=-113/313, 4-14=0/529, 5-14=-274/0, 1-21=-626/0

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) Refer to girder(s) for truss to truss connections.
 - 3) Bearing at joint(s) 21 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 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) This truss is manufactured with TrimFit I-Block trimmable end. TrimFit flange minimum Ft: 3X2=535 psi, 4X2=382 psi.
 - 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
 - 7) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard

25.3.0 s Jan 8 2026 MiTek Industries, Inc. Mon Jun 29 09:05:14 2026 Page 1
ID:wQ3D8L_6C9PfXPTa6UWFCnz1URE-WoGnqmk3L5GG0PHtRkXezxgEeQL3ZzngPijNVZ1UJp

[illegible]

LUMBER-		BRACING-	[MCT]
TOP CHORD	2x4 SPF No.2(flat)	TOP CHORD	Structural wood sheathing directly applied, except end verticals.
BOT CHORD	2x4 SPF No.2(flat)	BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing, Except:
WEBS	2x4 SPF No.2(flat)		2-2-0 oc bracing: 15-16.
OTHERS	1-4-0 x 0-11-0 x 16" TrimFit I-Block (12" Trim)		

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

TOP CHORD	2-3=-2350/0, 3-4=-2350/0, 4-5=-3187/0, 5-6=-3187/0, 6-7=-3187/0, 7-8=-1971/0, 8-9=-1971/0, 9-10=-1971/0, 10-19=-571/0
BOT CHORD	17-18=0/1360, 16-17=0/1360, 15-16=0/2952, 14-15=0/3187, 13-14=0/2729, 13-20=0/838
WEBS	10-13=0/1269, 2-18=-1524/0, 2-16=0/1108, 7-13=-849/0, 7-14=0/711, 4-16=-675/0, 4-15=-60/540

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
26-1337F	F17A-Cond1	FLOOR	5	1	Job Reference (optional)

25.3.0 s Jan 8 2026 MiTek Industries, Inc. Mon Jun 29 09:05:16 2026 Page 1
ID:wQ3D8L_6C9PfXPTa6UWFCnz1URE-SBOYFSmKtiWzGiRFY9Z62MmV5D?o1tzs1UqROz1UJn

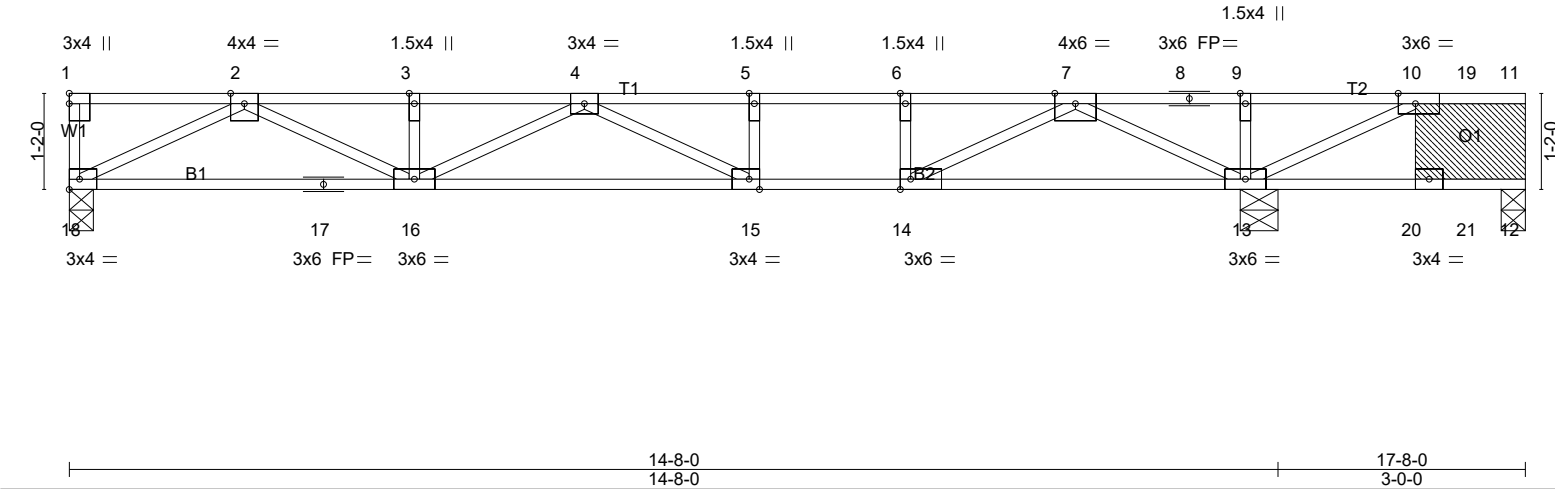
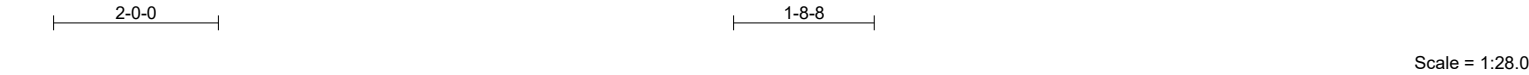


Plate Offsets (X,Y)-- [10:0-2-8,Edge], [14:0-1-8,Edge], [15:0-1-8,Edge]									
LOADING (psf)	SPACING-	1-7-3	CSI.	DEFL.	in	(loc)	I/defl	L/d	PLATES
TCLL 40.0	Plate Grip DOL	1.00	TC 0.82	Vert(LL)	-0.27	15-16	>640	360	MT20
TCDL 10.0	Lumber DOL	1.00	BC 0.96	Vert(CT)	-0.37	15-16	>461	240	GRIP
BCLL 0.0	Rep Stress Incr	YES	WB 0.31	Horz(CT)	0.03	13	n/a	n/a	197/144
BCDL 5.0	Code IRC2015/TPI2014		Matrix-S						
									Weight: 65 lb FT = 20%F, 11%E

LUMBER-	BRACING-	[MCT]
TOP CHORD 2x4 SPF No.2(flat)	TOP CHORD Structural wood sheathing directly applied, except end verticals.	
BOT CHORD 2x4 SPF No.2(flat)	BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.	
WEBS 2x4 SPF No.2(flat)		
OTHERS 1-4-0 x 0-11-0 x 16" TrimFit I-Block (12" Trim)		

REACTIONS. (lb/size) 13=999/0-5-8 (min. 0-1-8), 18=582/0-3-8 (min. 0-1-8), 12=-46/0-3-8 (min. 0-1-8)
Max Uplift12=-148(LC 3)
Max Grav13=999(LC 1), 18=582(LC 3), 12=89(LC 4)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-1626/0, 3-4=-1626/0, 4-5=-1561/0, 5-6=-1561/0, 6-7=-1561/0, 7-8=0/574, 8-9=0/574, 9-10=0/574
BOT CHORD 17-18=0/1004, 16-17=0/1004, 15-16=0/1858, 14-15=0/1561, 13-14=0/572
WEBS 10-13=-524/0, 2-18=-1125/0, 2-16=0/697, 7-13=-1268/0, 7-14=0/1113, 4-16=-260/0, 6-14=-370/0, 4-15=-379/27

- NOTES-**
- 1) Unbalanced floor live loads have been considered for this design.
 - 2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 148 lb uplift at joint 12.
 - 3) 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.
 - 4) This truss is manufactured with TrimFit I-Block trimmable end. TrimFit flange minimum Ft: 3X2=535 psi, 4X2=382 psi.
 - 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 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.
 - 6) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard