Job	Truss	Truss Type	Qty	Ply	
DISPLAY	FLOOR1	FLOOR	1	1	Job Reference (optional)

7.350 s Jun 13 2012 MiTek USA, Inc. Thu Jun 28 08:55:38 2012 Page 1
ID:IOH2ee?__zOr?PtJxjjhL8z5_rs-75?xpyYVU?4pjd3d88_DttVtz2JrRaUS7UU0M6z1ogZ

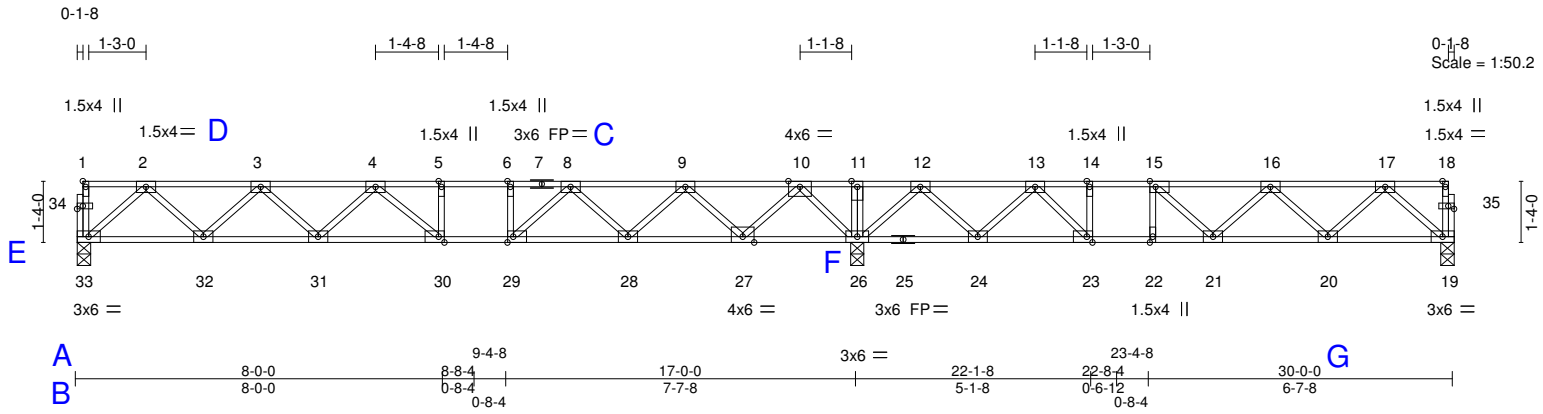

Plate Offsets (X,Y): [1:Edge,0-0-12], [15:0-1-8,Edge], [23:0-1-8,Edge], [29:0-1-8,Edge], [30:0-1-8,Edge], [34:0-1-8,0-0-12], [35:0-1-8,0-0-12]

LOADING (psf) H		**SPACING** 2-0-0 I		L **CSI**		M **DEFL**	in	(loc)	l/defl	L/d N	O **PLATES**
TCLL	40.0	Plates Increase	1.00	TC	0.48	Vert(LL)	-0.15	30-31	>999	360	MT20
TCDL	10.0	Lumber Increase	1.00 J	BC	0.60	Vert(TL)	-0.24	30-31	>854	240	
BCLL	0.0	Rep Stress Incr	YES	WB	0.47	Horz(TL)	0.04	19	n/a	n/a	Weight: 156 lb
BCDL	5.0	Code	IBC2009/TPI2007 K	(Matrix)							**GRIP** 244/190

LUMBER P
TOP CHORD 2x4 SYP No.1(flat)
BOT CHORD 2x4 SYP No.1(flat)
WEBS 2x4 SYP No.3(flat)

T **BRACING**
TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
FT = 0%F, 0%E

Q R
REACTIONS (lb/size) 19=515/0-3-8 (min. 0-1-8), 33=780/0-3-8 (min. 0-1-8), 26=1965/0-3-8 (min. 0-1-8)
S Max Grav 19=614(LC 3), 33=808(LC 2), 26=1965(LC 1)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. U
TOP CHORD 2-3=-1426/0, 3-4=-2239/0, 4-5=-2410/0, 5-6=-2410/0, 6-7=-2410/0, 7-8=-2410/0, 8-9=-1542/0, 9-10=-255/348, 10-11=0/1955, 11-12=0/1955, 12-13=-438/952, 13-14=-1341/374, 14-15=-1341/374, 15-16=-1402/150, 16-17=-1013/0
BOT CHORD 32-33=0/864, 31-32=0/1967, 30-31=0/2461, 29-30=0/2410, 28-29=0/2040, 27-28=-106/1040, 26-27=-912/0, 25-26=-1224/0, 24-25=-1224/0, 23-24=-671/972, 22-23=-374/1341, 21-22=-374/1341, 20-21=-25/1365, 19-20=0/639
WEBS 6-29=-338/0, 14-23=-350/0, 15-22=-280/0, 2-33=-1147/0, 2-32=0/782, 3-32=-751/0, 3-31=0/379, 4-31=-309/0, 4-30=-339/193, 8-29=0/727, 8-28=-737/0, 9-28=0/735, 9-27=-1132/0, 10-27=0/1166, 10-26=-1448/0, 12-26=-1245/0, 12-24=0/854, 13-24=-902/0, 13-23=0/833, 15-21=0/417, 16-20=-489/50, 17-20=-17/520, 17-19=-848/0

NOTES V
1) Unbalanced floor live loads have been considered for this design.
2) All plates are 3x5 MT20 unless otherwise indicated.
3) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
4) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
5) This truss is manufactured with TrimFit I-Block trimmable end. TrimFit flange minumum 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 W

A Cumulative Dimensions
B Panel Length (feet - inches - sixteenths)
C Chord Splice Face Plate
D Plate Size and Orientation
E Truss Depth
F Bearing Location
G Truss Span (feet - inches - sixteenths)
H Design Loading (PSF)
I Spacing O.C. (feet - inches - sixteenths)
J Duration of Load for Plate and Lumber Design
K Code
L TC, BC, Web Maximum Combined Stress Indices
M Deflections (inches) and Span to Deflection Ratio
N Input Span to Deflection Ratio
O MiTek Plate Allowables (PSI)
P Lumber Requirements
Q Reaction (pounds)
R Bearing Size: Input & (min. required)
S Maximum Uplift and/or Horizontal Reaction if Applicable
T Required Member Bracing
U Maximum Member Forces (Tens. [+] & Comp. [-])
V Notes
W Additional Loads/ Load Cases