

Job	Truss	Truss Type	Qty	Ply
DISPLAY	ROOF1	COMMON	1	1

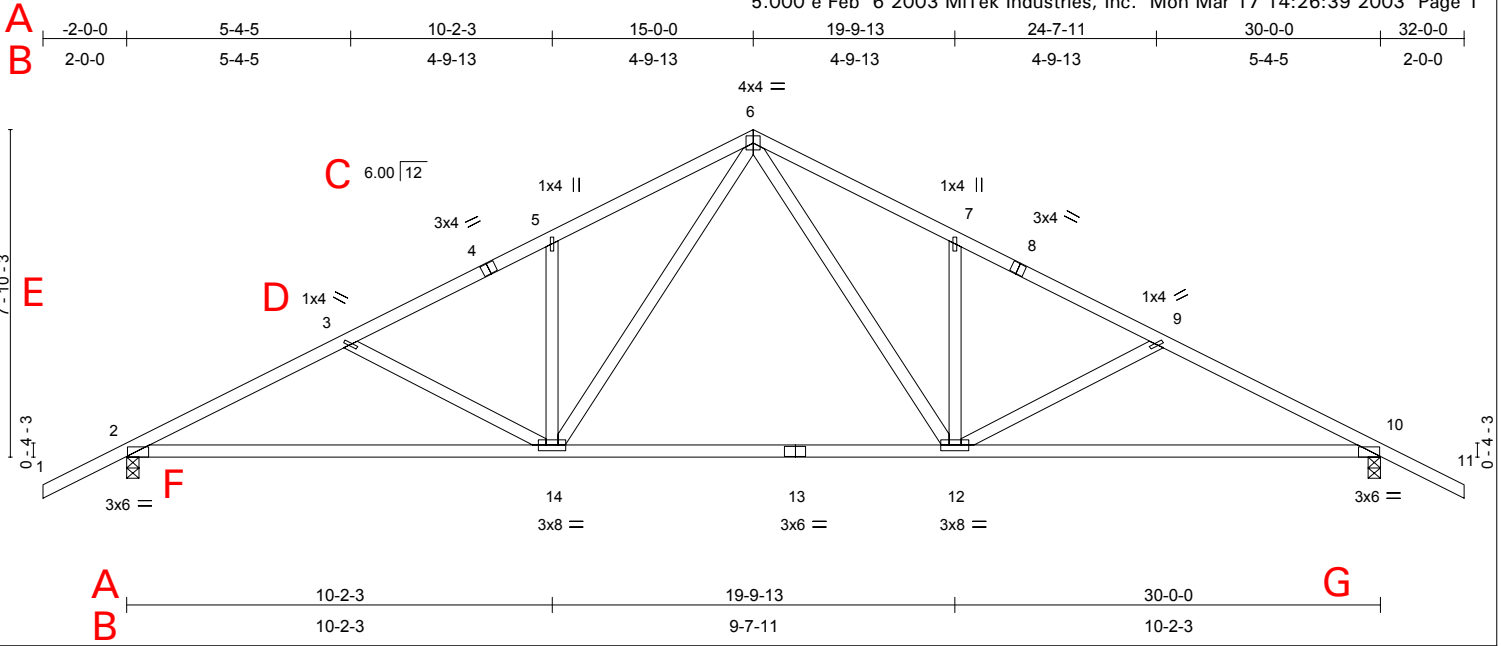


Plate Offsets (X,Y): [2:0-3-0,0-1-4], [10:0-3-0,0-1-4] H

LOADING (psf)	I	SPACING	2-0-0	J	M	CSI	N	DEFL	in (loc) l/defl	P	PLATES	GRIP
TCLL	20.0	Plates Increase	1.15	K	TC	0.29	Vert(LL)	-0.09 14 >999		MII20	249/190	
TCDL	10.0	Lumber Increase	1.15	L	BC	0.83	Vert(TL)	-0.39 12-14 >907				
BCLL	0.0	Rep Stress Incr	YES		WB	0.36	Horz(TL)	0.07 10 n/a				
BCDL	10.0	Code	BOCA/ANSI95				1st LC LL Min l/defl = 240			Weight: 158 lb		

LUMBER	Q	BRACING	U
TOP CHORD	2 X 4 SYP No.2	TOP CHORD	Sheathed or 4-2-1 oc purlins.
BOT CHORD	2 X 4 SYP No.2	BOT CHORD	Rigid ceiling directly applied or 8-6-11 oc bracing.
WEBS	2 X 4 SYP No.3		

REACTIONS (lb/size) 2=1317/0-3-8, 10=1317/0-3-8
T Max Horz 2=-175(load case 5)
 Max Uplift2=-341(load case 4), 10=-341(load case 5)

FORCES (lb) - First Load Case Only **V**
 TOP CHORD 1-2=26, 2-3=-2024, 3-4=-1722, 4-5=-1722, 5-6=-1722, 6-7=-1722, 7-8=-1722, 8-9=-1722,
 9-10=-2024, 10-11=26
 BOT CHORD 2-14=1794, 13-14=1140, 12-13=1140, 10-12=1794
 WEBS 5-14=-294, 7-12=-294, 3-14=-288, 6-14=742, 6-12=742, 9-12=-288

- NOTES** **W**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-98 per BOCA/ANSI95; 90mph; h=25ft; TCCL=5.0psf; BCDL=5.0psf; occupancy category II; exposure C; enclosed; MWFRS gable end zone; cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.33 plate grip DOL=1.33.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 341 lb uplift at joint 2 and 341 lb uplift at joint 10.

LOAD CASE(S) Standard X	A Cumulative Dimensions	M TC, BC, and Web Maximum Combined Stress Indices
	B Panel Length (feet - inches - sixteenths)	N Deflections (inches) and Span to Deflection Ratio
	C Slope	O Input Span to Deflection Ratio
	D Plate Size and Orientation	P MiTek Plate Allowables (PSI)
	E Overall Height	Q Lumber Requirements
	F Bearing Location	R Reaction (pounds)
	G Truss Span (feet - inches - sixteenths)	S Minimum Bearing Required (inches)
	H Plate Offsets	T Maximum Uplift and/or Horizontal Reaction if Applicable
	I Design Loading (PSF)	U Required Member Bracing
	J Spacing O.C. (feet - inches - sixteenths)	V Member Axial Forces for Load Case 1
	K Duration of Load for Plate and Lumber Design	W Notes
	L Code	X Additional Loads/Load Cases