Job	Truss	Truss Type	Qty	Ply	
8-39061_	TEST	ATTIC	10	1	Job Reference (optional)

Idaho Truss & Component Company, Nampa, Idaho 83687, Torrey Roberts — 6.500 s Feb 5 2007 MiTek Industries, Inc. Wed Jul 09 15:27:58 2008 Page 1

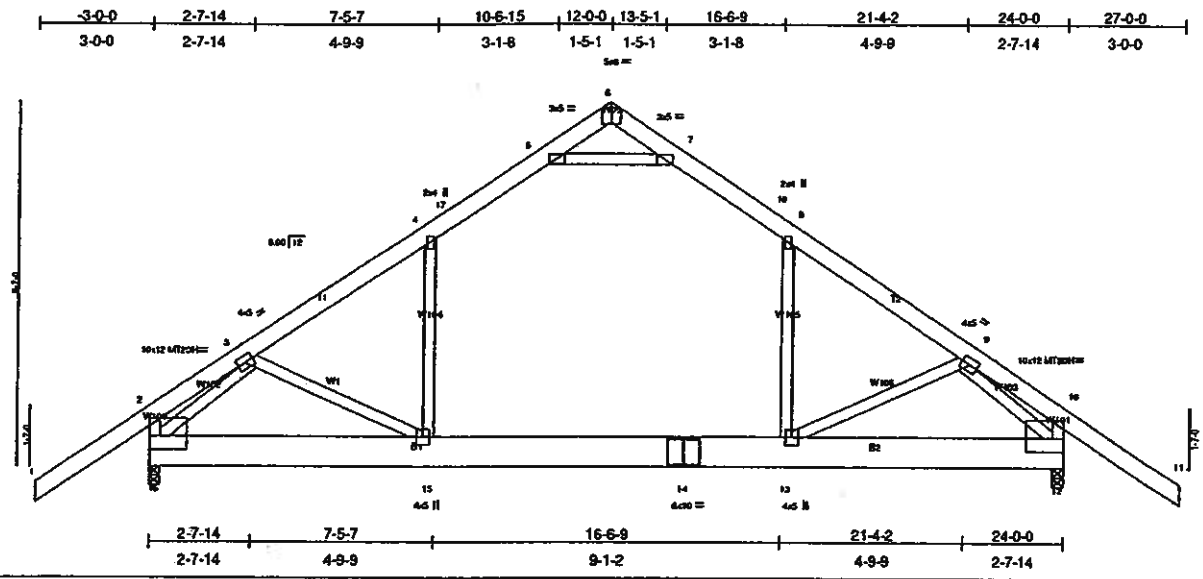


Plate Offsets (X,Y): [2:Edge,0-4-4], [6:0-3-0,Edge], [10:Edge,0-4-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	25.0	Plates Increase	1.15	TC	0.75	Vert(LL)	-0.20	13-15	>999	360	MT20	220/195
(Roof Snow=25.0)		Lumber Increase	1.15	BC	0.36	Vert(TL)	-0.35	13-15	>822	180	MT20H	165/146
TCDL	7.0	Rep Stress Incr	YES	WB	0.48	Horz(TL)	0.02	12	n/a	n/a		
BCLL	0.0	Code IRC2006/TPI2002		(Matrix)		Wind(LL)	0.05	15	>999	240	Weight: 206 lb	
BCDL	10.0											

LUMBER
TOP CHORD 2 X 6 DF SS
BOT CHORD 2 X 10 DF SS
WEBS 2 X 4 DF Stud *Except*
W99 2 X 4 DF 1800F 1.6E

BRACING
TOP CHORD
Structural wood sheathing directly applied or 5-0-15 oc purlins.
BOT CHORD
Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS (lb/size)
16 = 1724/0-3-8
12 = 1724/0-3-8
Max Horz
16 = 195(LC 6)
Max Uplift
16 = -63(LC 7)
12 = -63(LC 8)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD
1-2 = 0/112, 2-3 = -75/212, 3-4 = -1822/0
4-17 = -1307/0, 5-17 = -1199/11, 5-6 = 0/931
6-7 = 0/931, 7-18 = -1199/0, 8-18 = -1307/0
8-9 = -1822/0, 9-10 = -75/212, 10-11 = 0/112
BOT CHORD
15-16 = 0/1244, 14-15 = 0/1339, 13-14 = 0/1339
12-13 = 0/1244
WEBS
5-7 = -2457/0, 3-15 = -58/160, 2-16 = -337/339
10-12 = -337/339, 3-16 = -1865/0, 9-12 = -1865/0
4-15 = 0/660
8-13 = 0/660, 9-13 = -59/160

JOINT STRESS INDEX
2 = 0.27, 3 = 0.65, 4 = 0.44, 5 = 0.85, 6 = 0.54, 7 = 0.85, 8 = 0.44, 9 = 0.65, 10 = 0.27, 12 = 0.00, 13 = 0.28, 14 = 0.47, 15 = 0.28 and 16 = 0.00

NOTES
1) Wind: ASCE 7-05; 90mph; h=25ft; TCDL=4.2psf; BCDL=6.0psf; Category II; Exp C; enclosed; MWFRS; cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60.
2) TCLL: ASCE 7-05; Pf=25.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct= 1
3) Unbalanced snow loads have been considered for this design.
4) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 25.0 psf on overhangs non-concurrent with other live loads.
5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
6) All plates are MT20 plates unless otherwise indicated.
7) This truss requires plate inspection per the Tooth Count Method when this truss is chosen for quality assurance inspection.
8) Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-7; Wall dead load (5.0psf) on member(s).4-15, 8-13
9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 13-15
10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 63 lb uplift at joint 16 and 63 lb uplift at joint 12.
11) This truss is designed in accordance with the 2006 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

LOAD CASE(S)
Standard

WARNING: Truss design is for an individual building component based on the parameters shown and proper incorporation of component is responsibility of the building designer. Bracing shown is for lateral support of individual web members only. Temporary bracing to insure stability during construction is the responsibility of the erector.

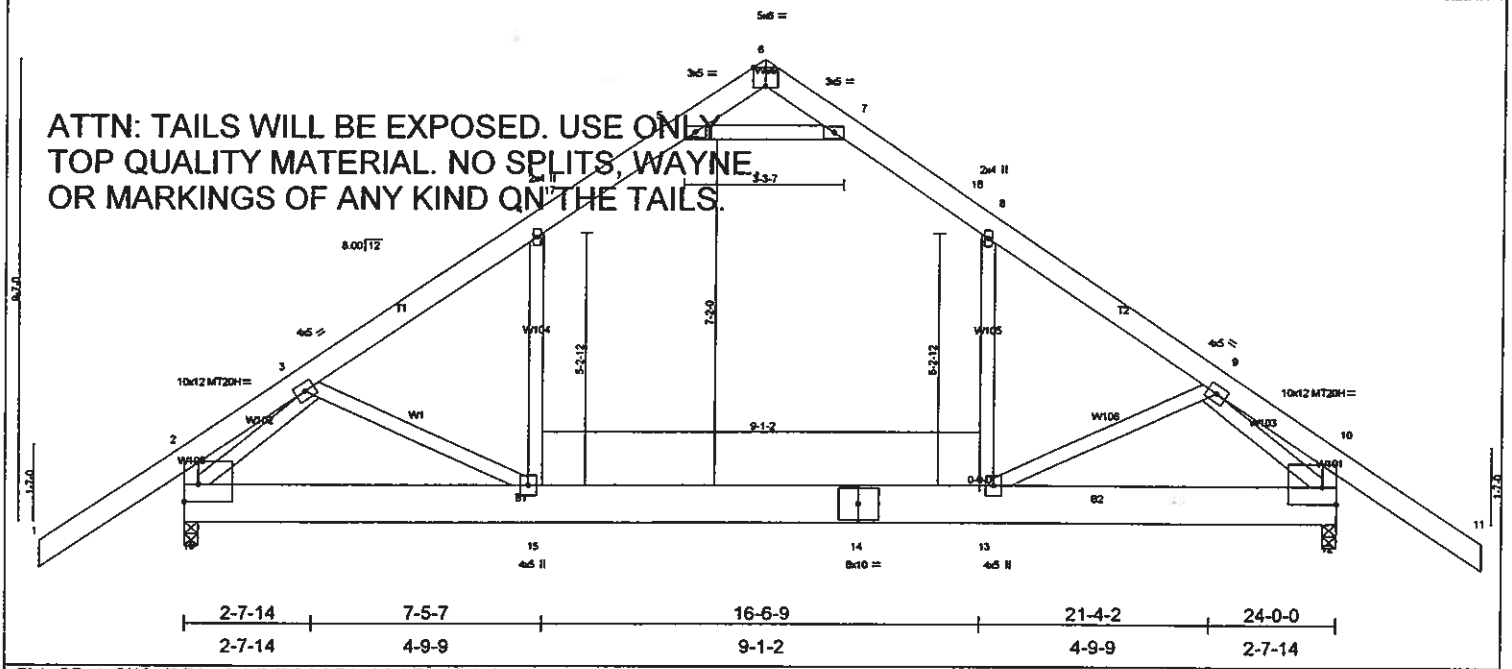
Job	Truss	Truss Type	Qty	Ply	
8-39061_	TEST	ATTIC	10	1	Job Reference (optional)

Idaho Truss & Component Company, Nampa, Idaho 83687, CAPTAIN — 6.500 s Feb 5 2007 MiTek Industries, Inc. Thu Jul 10 08:01:10 2008 Page 1

-3-0-0	2-7-14	7-5-7	10-6-15	12-0-0	13-5-1	16-6-9	21-4-2	24-0-0	27-0-0
3-0-0	2-7-14	4-9-9	3-1-8	1-5-1	1-5-1	3-1-8	4-9-9	2-7-14	3-0-0

Scale: 1/4"=1'

ATTN: TAILS WILL BE EXPOSED. USE ONLY TOP QUALITY MATERIAL. NO SPLITS, WAYNE, OR MARKINGS OF ANY KIND ON THE TAILS.



2-7-14	7-5-7	16-6-9	21-4-2	24-0-0
2-7-14	4-9-9	9-1-2	4-9-9	2-7-14

Plate Offsets (X,Y): [2:Edge,0-4-4], [6:0-3-0,Edge], [10:Edge,0-4-4]

LOADING (psf)		SPACING	2-0-0	CSI		DEFL	in	(loc)	l/defl	L/d	PLATES	GRIP
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REACTIONS (lb/size) 16=1724/0-3-8, 12=1724/0-3-8
Max Horz 16=195(LC 6)
Max Uplift16=-63(LC 7), 12=-63(LC 8)

FORCES (lb) - Maximum Compression/Maximum Tension
TOP CHORD 1-2=0/112, 2-3=-75/212, 3-4=-1822/0, 4-17=-1307/0, 5-17=-1199/11, 5-6=0/931, 6-7=0/931, 7-18=-1199/0, 8-18=-1307/0, 8-9=-1822/0, 9-10=-75/212, 10-11=0/112
BOT CHORD 15-16=0/1244, 14-15=0/1339, 13-14=0/1339, 12-13=0/1244
WEBS 5-7=-2457/0, 3-15=-58/160, 2-16=-337/339, 10-12=-337/339, 3-16=-1865/0, 9-12=-1865/0, 4-15=0/660, 8-13=0/660, 9-13=-59/160

NOTES
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LOAD CASE(S) Standard