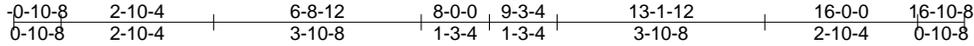


Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B0903115	AT16	ATTIC	10	1	

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ID:s_gapG9hVvUK0t0GmC3No?zxpWD-TONglYfFa0t3bp??kumeke49CN6ov?wUia7FF8zqwDM



Scale = 1:42.8

Plate Offsets (X,Y): [2:0-4-8,0-2-0], [5:0-3-0,Edge], [8:0-4-8,0-2-0], [10:0-6-0,0-0-0], [11:0-6-0,0-1-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.83	in (loc) l/defl L/d	MT20	197/144
TCDL 7.0	Plates Increase 1.15	BC 0.68	Vert(LL) -0.31 10-11 >593 240		
BCLL 0.0	Lumber Increase 1.15	WB 0.23	Vert(TL) -0.45 10-11 >414 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.01 8 n/a n/a		
	Code IBC2009/TPI2007		Attic -0.19 10-11 665 360	Weight: 119 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.2	TOP CHORD 2-0-0 oc purlins (4-4-1 max.), except sheathed or 5-6-4 oc purlins: 3-4, 6-7.
BOT CHORD 2 X 8 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SPF No.2	JOINTS 1 Brace at Jt(s): 5

REACTIONS (lb/size) 2=1122/0-5-8 (min. 0-1-8), 8=1122/0-5-8 (min. 0-1-8)
 Max Horz 2=146(LC 9)
 Max Uplift 2=19(LC 10), 8=19(LC 10)
 Max Grav 2=1275(LC 2), 8=1275(LC 2)

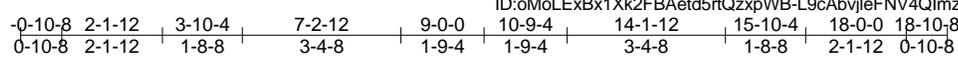
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1559/0, 3-12=-841/41, 4-12=-649/60, 4-5=-1/474, 5-6=-1/474, 6-13=-649/60, 7-13=-841/41, 7-8=-1559/0
 BOT CHORD 2-11=0/751, 10-11=0/755, 8-10=0/751
 WEBS 4-6=-1395/96, 3-11=0/928, 7-10=0/928

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TCCL=4.2psf; BCCL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (all heights); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCLL: ASCE 7-05; Pr=30.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps=21.3 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
 - Roof design snow load has been reduced to account for slope.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 27.7 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - Ceiling dead load (5.0 psf) on member(s). 3-4, 6-7, 4-6
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 10-11
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 19 lb uplift at joint 2 and 19 lb uplift at joint 8.
 - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B0903115	AT18	ATTIC	10	1	

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Scale = 1:48.9

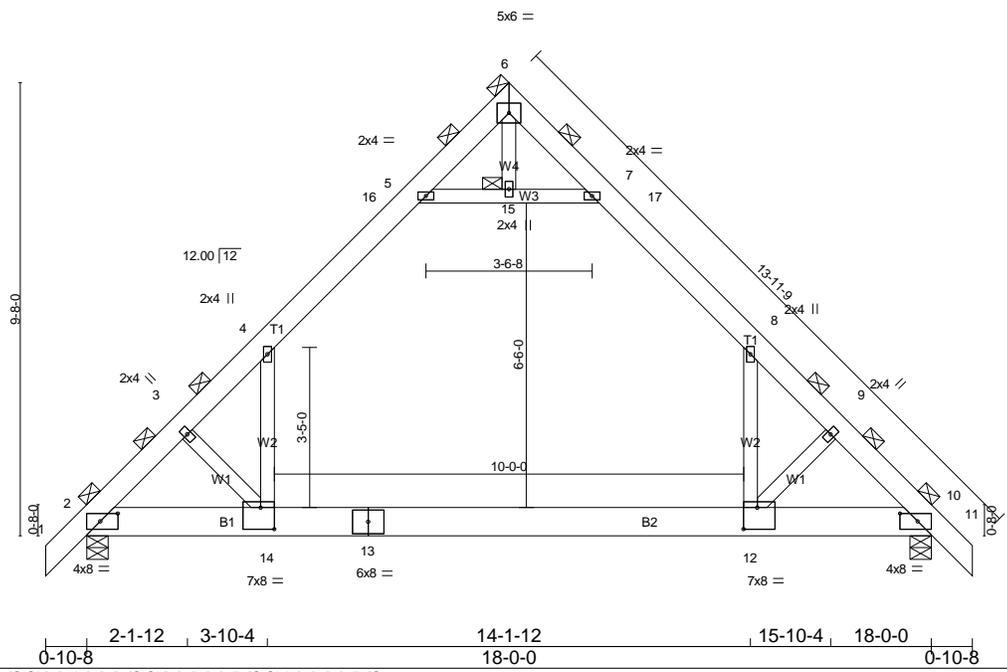


Plate Offsets (X,Y): [2:0-4-8,0-2-0], [10:0-4-8,0-2-0], [12:0-3-8,0-5-8], [14:0-3-8,0-5-8]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.86	in (loc) l/defl L/d	MT20	197/144
TCDL 7.0	Plates Increase 1.15	BC 0.65	Vert(LL) -0.30 12-14 >697 240		
BCLL 0.0	Lumber Increase 1.15	WB 0.26	Vert(TL) -0.43 12-14 >485 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.01 10 n/a n/a		
	Code IBC2009/TPI2007		Attic -0.17 12-14 730 360	Weight: 142 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 6 SYP No.2	TOP CHORD 2-0-0 oc purlins (4-0-8 max.), except sheathed or 5-1-1 oc purlins: 4-5, 7-8.
BOT CHORD 2 X 8 SYP No.2	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SPF No.2	JOINTS 1 Brace at Jt(s): 6, 15

REACTIONS (lb/size) 2=1198/0-5-8 (min. 0-1-10), 10=1198/0-5-8 (min. 0-1-10)
 Max Horz 2=164(LC 9)
 Max Uplift 2=-21(LC 10), 10=-21(LC 10)
 Max Grav 2=1369(LC 2), 10=1369(LC 2)

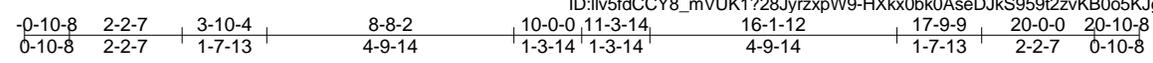
FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1796/0, 3-4=-1716/0, 4-16=-930/47, 5-16=-765/65, 5-6=-11/333, 6-7=-11/333, 7-17=-765/65, 8-17=-930/47, 8-9=-1716/0, 9-10=-1796/0
 BOT CHORD 2-14=0/1169, 13-14=0/881, 12-13=0/881, 10-12=0/1169
 WEBS 5-15=-1320/100, 7-15=-1320/100, 4-14=0/1028, 8-12=0/1028, 3-14=-448/59, 9-12=-448/59

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TCCL=4.2psf; BCCL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (all heights); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCLL: ASCE 7-05; Pr=30.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps=21.3 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
 - Roof design snow load has been reduced to account for slope.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 27.7 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-15, 7-15
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 12-14
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 21 lb uplift at joint 2 and 21 lb uplift at joint 10.
 - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B0903115	AT20	ATTIC	10	1	

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Scale = 1:44.7

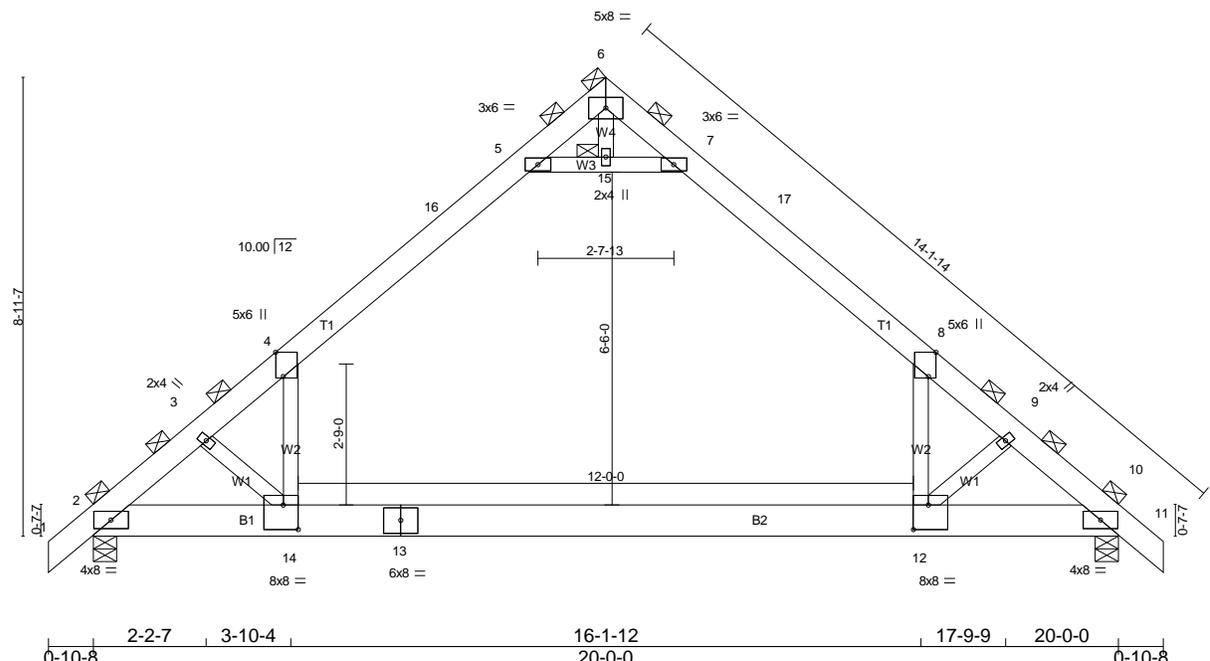


Plate Offsets (X,Y): [4:0-5-11,Edge], [8:0-5-11,Edge], [12:0-3-8,0-5-12], [14:0-3-8,0-5-12]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.75	in (loc) l/defl L/d	MT20	197/144
TCDL 7.0	Plates Increase 1.15	BC 0.93	Vert(LL) -0.57 12-14 >412 240		
BCLL 0.0	Lumber Increase 1.15	WB 0.35	Vert(TL) -0.82 12-14 >288 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.02 10 n/a n/a		
	Code IBC2009/TPI2007		Attic -0.34 12-14 435 360	Weight: 145 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 6 SYP 2400F 2.0E	TOP CHORD 2-0-0 oc purlins (5-5-3 max.), except sheathed or 6-0-0 oc purlins: 4-5, 7-8.
BOT CHORD 2 X 8 SYP No.2	BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 2 X 4 SPF No.2	JOINTS 1 Brace at Jt(s): 6, 15

REACTIONS (lb/size) 2=1461/0-5-8 (min. 0-1-13), 10=1461/0-5-8 (min. 0-1-13)
 Max Horz 2=142(LC 8)
 Max Uplift 2=18(LC 10), 10=18(LC 10)
 Max Grav 2=1553(LC 2), 10=1553(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-2324/0, 3-4=-2143/0, 4-16=-1213/49, 5-16=-995/67, 5-6=0/810, 6-7=0/810, 7-17=-995/67, 8-17=-1213/49, 8-9=-2143/0, 9-10=-2324/0
 BOT CHORD 2-14=0/1671, 13-14=0/1148, 12-13=0/1148, 10-12=0/1671
 WEBS 5-15=-2268/92, 7-15=-2268/92, 4-14=0/1360, 8-12=0/1360, 3-14=-731/34, 9-12=-731/34

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TCCL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (all heights); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCCL: ASCE 7-05; Pr=30.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps=25.8 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
 - Roof design snow load has been reduced to account for slope.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 27.7 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-15, 7-15
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 12-14
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 18 lb uplift at joint 2 and 18 lb uplift at joint 10.
 - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B0903115	AT22	ATTIC	10	1	

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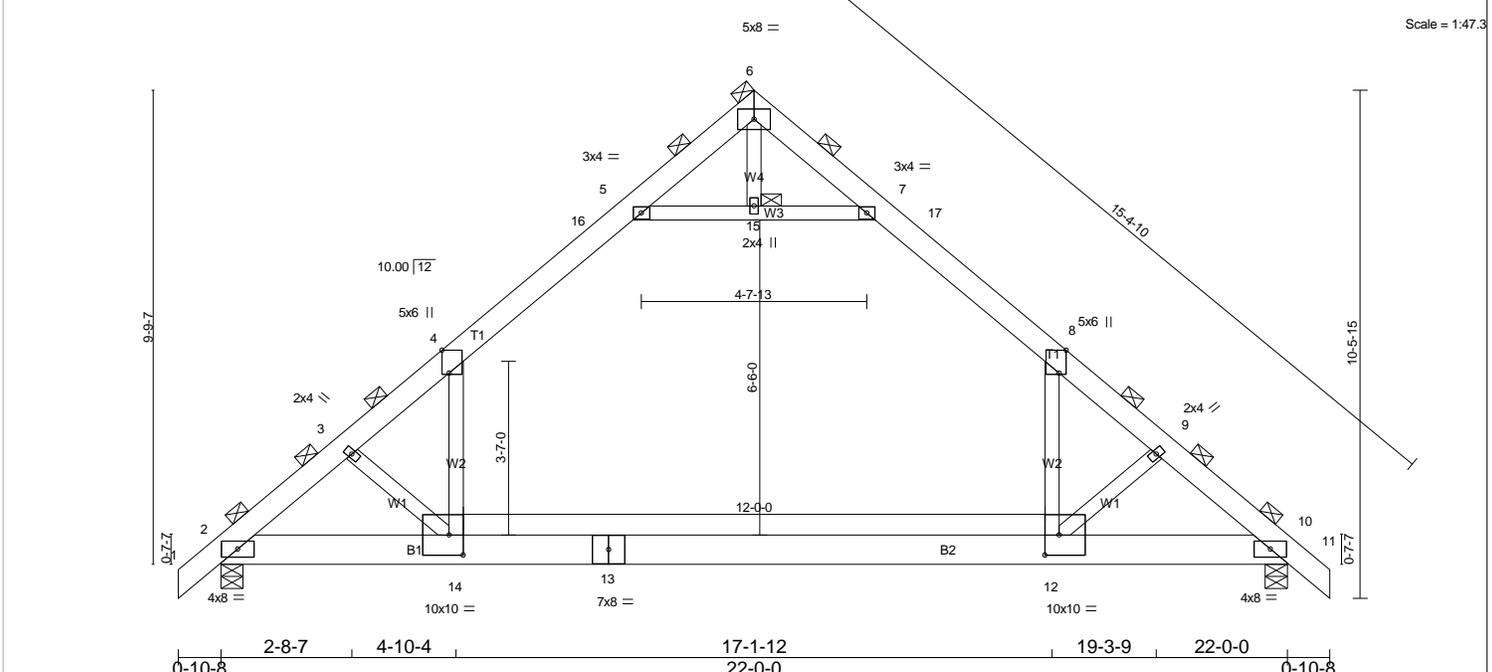
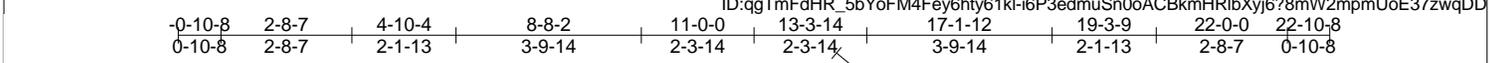


Plate Offsets (X,Y): [4:0-5-11,Edge], [8:0-5-11,Edge], [12:0-3-8,0-5-0], [14:0-3-8,0-5-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 35.0	Plates Increase 1.15	TC 0.69	in (loc) l/defl L/d	MT20	197/144
TCDL 7.0	Lumber Increase 1.15	BC 0.88	Vert(LL) -0.52 12-14 >494 240		
BCLL 0.0	Rep Stress Incr YES	WB 0.32	Vert(TL) -0.74 12-14 >348 180		
BCDL 10.0	Code IBC2009/TPI2007	(Matrix)	Horz(TL) 0.03 10 n/a n/a		
			Attic -0.31 12-14 482 360	Weight: 164 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 6 SYP 2400F 2.0E	TOP CHORD 2-0-0 oc purlins (5-1-10 max.), except sheathed or 6-0-0 oc purlins: 4-5, 7-8.
BOT CHORD 2 X 8 SYP No.2	BOT CHORD Rigid ceiling directly applied or 9-0-0 oc bracing.
WEBS 2 X 4 SPF No.2	JOINTS 1 Brace at Jt(s): 6, 15

REACTIONS (lb/size) 2=1593/0-5-8 (min. 0-2-1), 10=1593/0-5-8 (min. 0-2-1)
 Max Horz 2=156(LC 8)
 Max Uplift 2=21(LC 10), 10=21(LC 10)
 Max Grav 2=1766(LC 2), 10=1766(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-2600/0, 3-4=-2385/0, 4-16=-1462/39, 5-16=-1273/68, 5-6=0/471, 6-7=-1273/68, 8-17=-1462/39, 8-9=-2385/0, 9-10=-2600/0
 BOT CHORD 2-14=0/1882, 13-14=0/1422, 12-13=0/1422, 10-12=0/1882
 WEBS 5-15=-1995/76, 7-15=-1995/76, 4-14=0/1262, 8-12=0/1262, 3-14=-665/53, 9-12=-665/53

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TCCL=4.2psf; BCCL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (all heights); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCCL: ASCE 7-05; Pr=35.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Pf=27.7 psf (flat roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 27.7 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-15, 7-15
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 12-14
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 21 lb uplift at joint 2 and 21 lb uplift at joint 10.
 - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B0903115	AT24	ATTIC	10	1	

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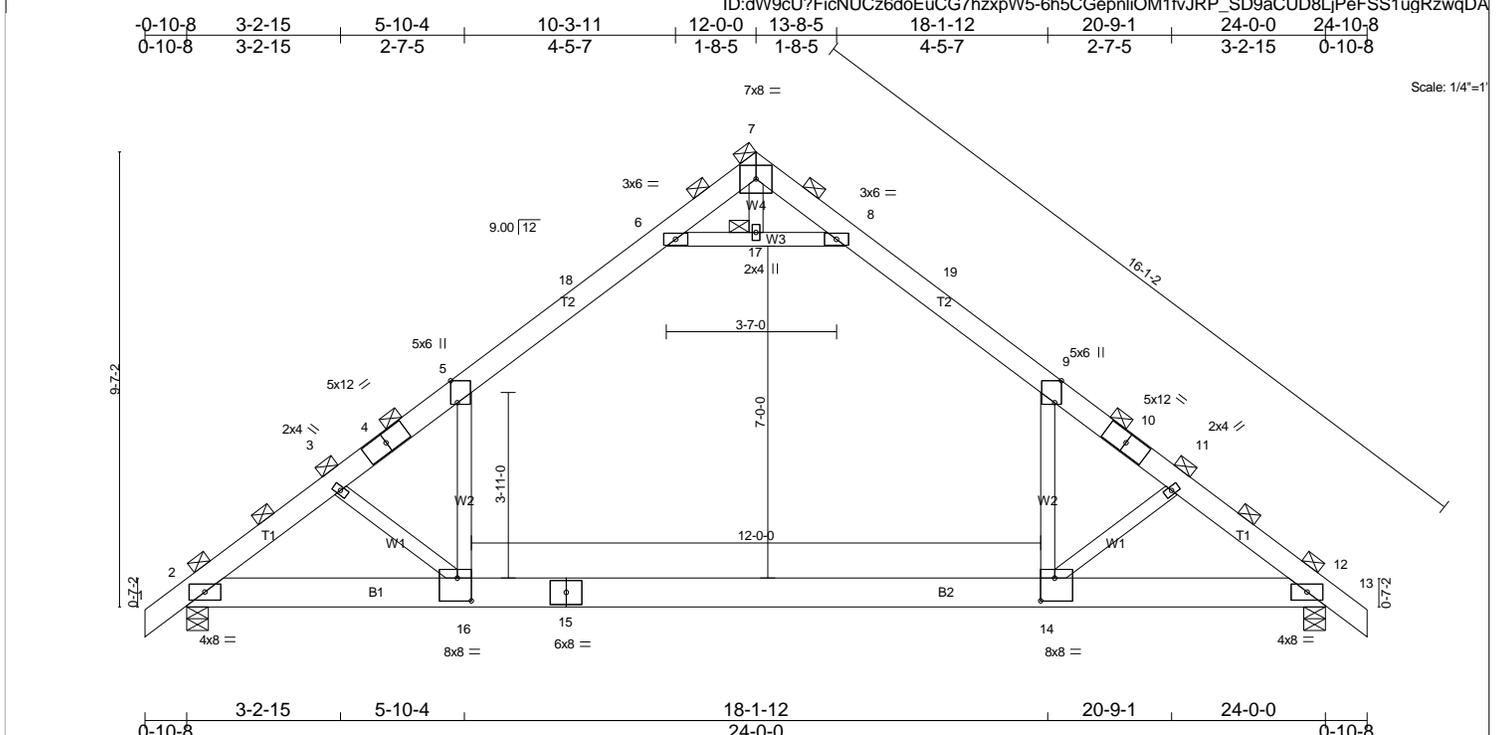


Plate Offsets (X,Y): [5:0-5-9,Edge], [9:0-5-9,Edge], [14:0-3-8,0-5-12], [16:0-3-8,0-5-12]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.81	in (loc) l/defl L/d	MT20	197/144
TCDL 7.0	Plates Increase 1.15	BC 0.95	Vert(LL) -0.66 14-16 >429 240		
BCLL 0.0	Lumber Increase 1.15	WB 0.31	Vert(TL) -0.95 14-16 >297 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.03 12 n/a n/a		
	Code IBC2009/TPI2007		Attic -0.34 14-16 434 360	Weight: 172 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 6 SYP 2400F 2.0E *Except*	TOP CHORD 2-0-0 oc purlins (4-1-11 max.), except sheathed or 5-6-9 oc purlins: 5-6, 8-9.
T1: 2 X 6 SYP No.2	BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
BOT CHORD 2 X 8 SYP No.2	JOINTS 1 Brace at Jt(s): 7, 17
WEBS 2 X 4 SPF No.2	

REACTIONS (lb/size) 2=1683/0-5-8 (min. 0-2-1), 12=1683/0-5-8 (min. 0-2-1)
 Max Horz 2=147(LC 8)
 Max Uplift 2=23(LC 10), 12=23(LC 10)
 Max Grav 2=1741(LC 2), 12=1741(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-2691/0, 3-4=-2391/0, 4-5=-2279/0, 5-18=-1525/57, 6-18=-1338/73, 6-7=0/911, 7-8=0/911, 8-19=-1338/73, 9-19=-1525/57,
 9-10=-2279/0, 10-11=-2391/0, 11-12=-2691/0
 BOT CHORD 2-16=0/2076, 15-16=0/1519, 14-15=0/1519, 12-14=0/2076
 WEBS 6-17=-2722/89, 8-17=-2722/89, 5-16=0/1235, 9-14=0/1235, 3-16=-747/63, 11-14=-747/63

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TCCL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCCL: ASCE 7-05; Pr=30.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps=27.7 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
 - Roof design snow load has been reduced to account for slope.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 27.7 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - Ceiling dead load (5.0 psf) on member(s), 5-6, 8-9, 6-17, 8-17
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room, 14-16
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 23 lb uplift at joint 2 and 23 lb uplift at joint 12.
 - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B0903115	AT26	ATTIC	10	1	

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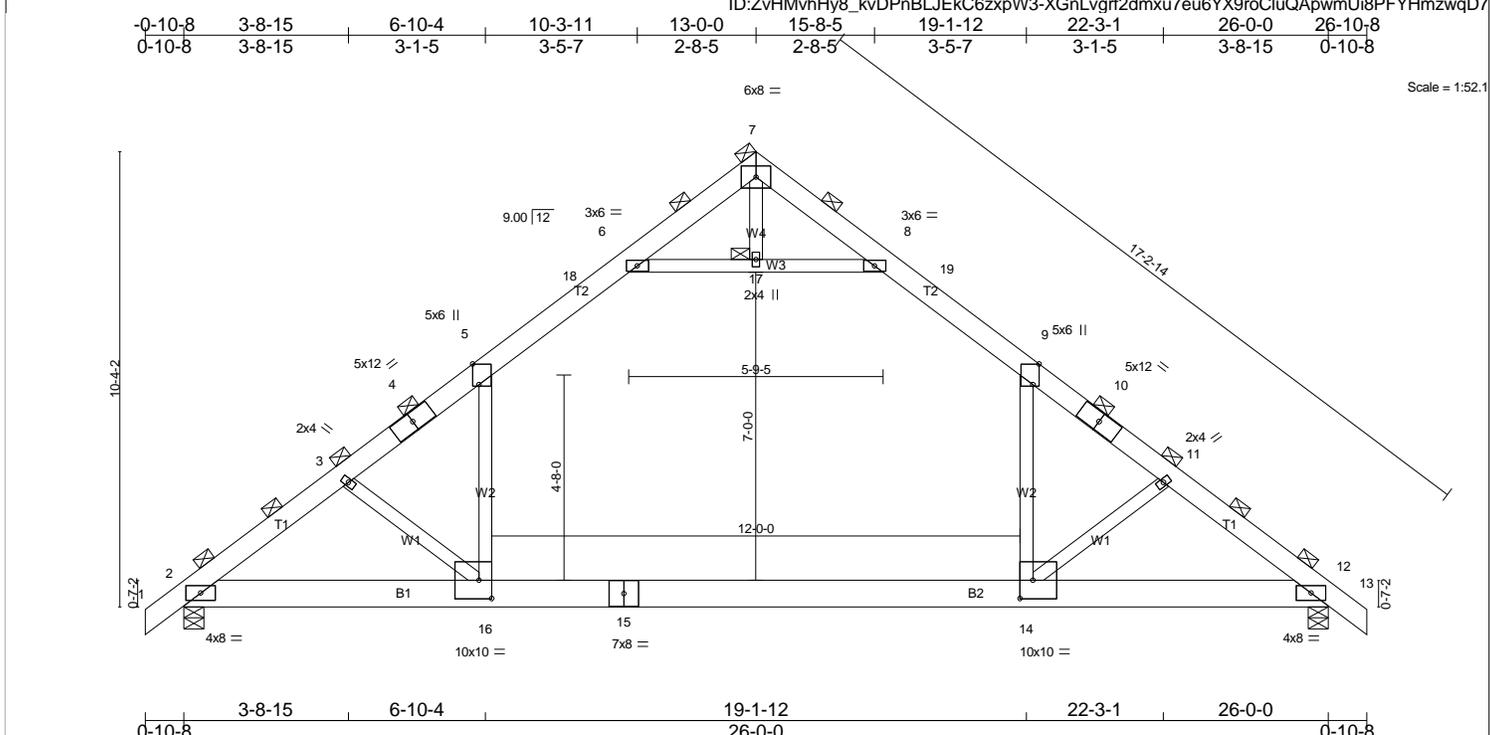


Plate Offsets (X,Y): [5:0-5-9,Edge], [9:0-5-9,Edge], [14:0-3-8,0-5-0], [16:0-3-8,0-5-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.67	in (loc) l/defl L/d	MT20	197/144
TCDL 7.0	Plates Increase 1.15	BC 0.90	Vert(LL) -0.56 14-16 >549 240		
BCLL 0.0	Lumber Increase 1.15	WB 0.30	Vert(TL) -0.80 14-16 >384 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.04 12 n/a n/a		
	Code IBC2009/TPI2007		Attic -0.31 14-16 474 360	Weight: 191 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 6 SYP 2400F 2.0E *Except*	TOP CHORD 2-0-0 oc purlins (3-9-1 max.), except sheathed or 6-0-0 oc purlins: 5-6, 8-9.
T1: 2 X 6 SYP No.2	BOT CHORD Rigid ceiling directly applied or 9-4-10 oc bracing.
BOT CHORD 2 X 8 SYP No.2	JOINTS 1 Brace at Jt(s): 7, 17
WEBS 2 X 4 SPF No.2	

REACTIONS (lb/size) 2=1772/0-5-8 (min. 0-2-3), 12=1772/0-5-8 (min. 0-2-3)
 Max Horz 2=161(LC 8)
 Max Uplift 2=26(LC 10), 12=26(LC 10)
 Max Grav 2=1835(LC 2), 12=1835(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-2813/0, 3-4=-2518/0, 4-5=-2386/0, 5-18=-1672/50, 6-18=-1531/75, 6-7=0/487, 7-8=0/487, 8-19=-1531/75, 9-19=-1672/50,
 9-10=-2386/0, 10-11=-2518/0, 11-12=-2813/0
 BOT CHORD 2-16=0/2161, 15-16=0/1703, 14-15=0/1703, 12-14=0/2161
 WEBS 6-17=-2288/77, 8-17=-2288/77, 5-16=0/1166, 9-14=0/1166, 3-16=-641/77, 11-14=-641/77

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TCCL=4.2psf; BCCL=6.0psf; h=25ft; B=45ft; L=26ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCCL: ASCE 7-05; Pr=30.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps=27.7 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
 - Roof design snow load has been reduced to account for slope.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 27.7 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - Ceiling dead load (5.0 psf) on member(s), 5-6, 8-9, 6-17, 8-17
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room, 14-16
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 26 lb uplift at joint 2 and 26 lb uplift at joint 12.
 - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B0903115	AT28	ATTIC	10	1	

APM Building Materials, Arendtsville, PA 7.250 s Nov 19 2010 MITek Industries, Inc. Mon Jan 10 08:36:12 2011 Page 1

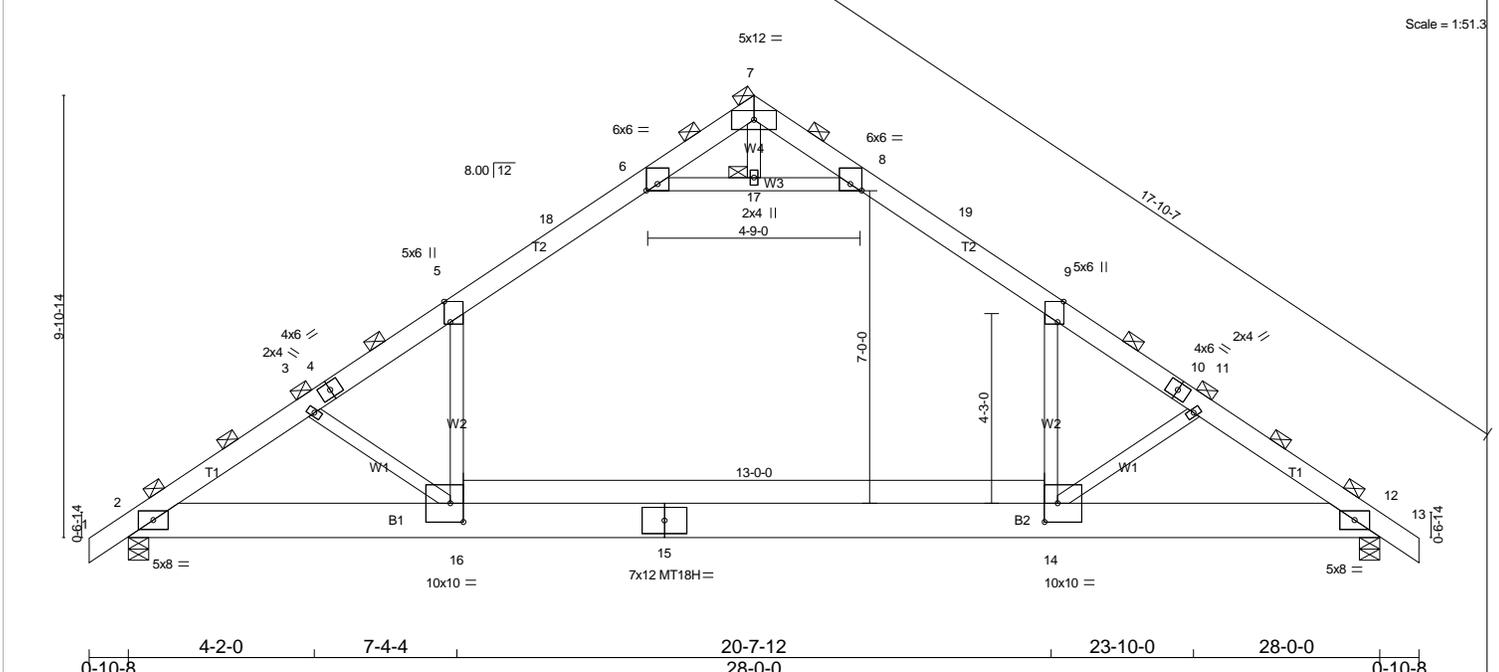
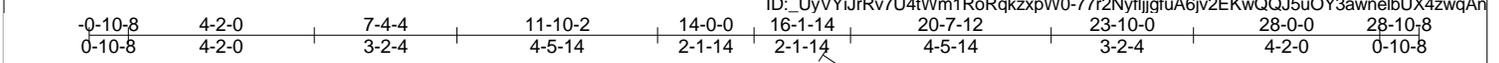


Plate Offsets (X,Y): [5:0-5-8,Edge], [6:0-3-0,0-1-12], [8:0-3-0,0-1-12], [9:0-5-8,Edge], [14:0-3-8,0-5-0], [16:0-3-8,0-5-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.93	in (loc) l/defl L/d	MT20	197/144
TCDL 7.0	Plates Increase 1.15	BC 0.80	Vert(LL) -0.71 14-16 >463 240	MT18H	244/190
BCLL 0.0	Lumber Increase 1.15	WB 0.41	Vert(TL) -1.05 14-16 >314 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.04 12 n/a n/a		
	Code IBC2009/TPI2007		Attic -0.28 14-16 559 360		
				Weight: 220 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 6 SYP 2400F 2.0E *Except* T1: 2 X 6 SYP No.2	TOP CHORD 2-0-0 oc purlins (2-8-10 max.), except sheathed or 2-2-0 oc purlins: 5-6, 8-9.
BOT CHORD 2 X 10 SYP No.1	BOT CHORD Rigid ceiling directly applied or 8-0-8 oc bracing.
WEBS 2 X 4 SPF No.2	JOINTS 1 Brace at Jt(s): 7, 17

REACTIONS (lb/size) 2=1906/0-5-8 (min. 0-2-5), 12=1906/0-5-8 (min. 0-2-5)
Max Horz 2=150(LC 8)
Max Uplift 2=26(LC 10), 12=26(LC 10)
Max Grav 2=1974(LC 2), 12=1974(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-3224/0, 3-4=-2788/0, 4-5=-2663/0, 5-18=-1927/45, 6-18=-1753/71, 6-7=0/968, 7-8=0/968, 8-19=-1753/71, 9-19=-1927/45,
9-10=-2663/0, 10-11=-2788/0, 11-12=-3224/0
BOT CHORD 2-16=0/2661, 15-16=0/1944, 14-15=0/1944, 12-14=0/2661
WEBS 6-17=-3168/68, 8-17=-3168/68, 5-16=0/1330, 9-14=0/1330, 3-16=-897/70, 11-14=-897/70

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TCCL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=28ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCCL: ASCE 7-05; Pr=30.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps=27.7 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
 - Roof design snow load has been reduced to account for slope.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 27.7 psf on overhangs non-concurrent with other live loads.
 - All plates are MT20 plates unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - Ceiling dead load (5.0 psf) on member(s), 5-6, 8-9, 6-17, 8-17
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 14-16
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 26 lb uplift at joint 2 and 26 lb uplift at joint 12.
 - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B0903115	AT30	ATTIC	10	1	

APM Building Materials, Arendtsville, PA 7.250 s Nov 19 2010 MTEK Industries, Inc. Mon Jan 10 08:33:48 2011 Page 1

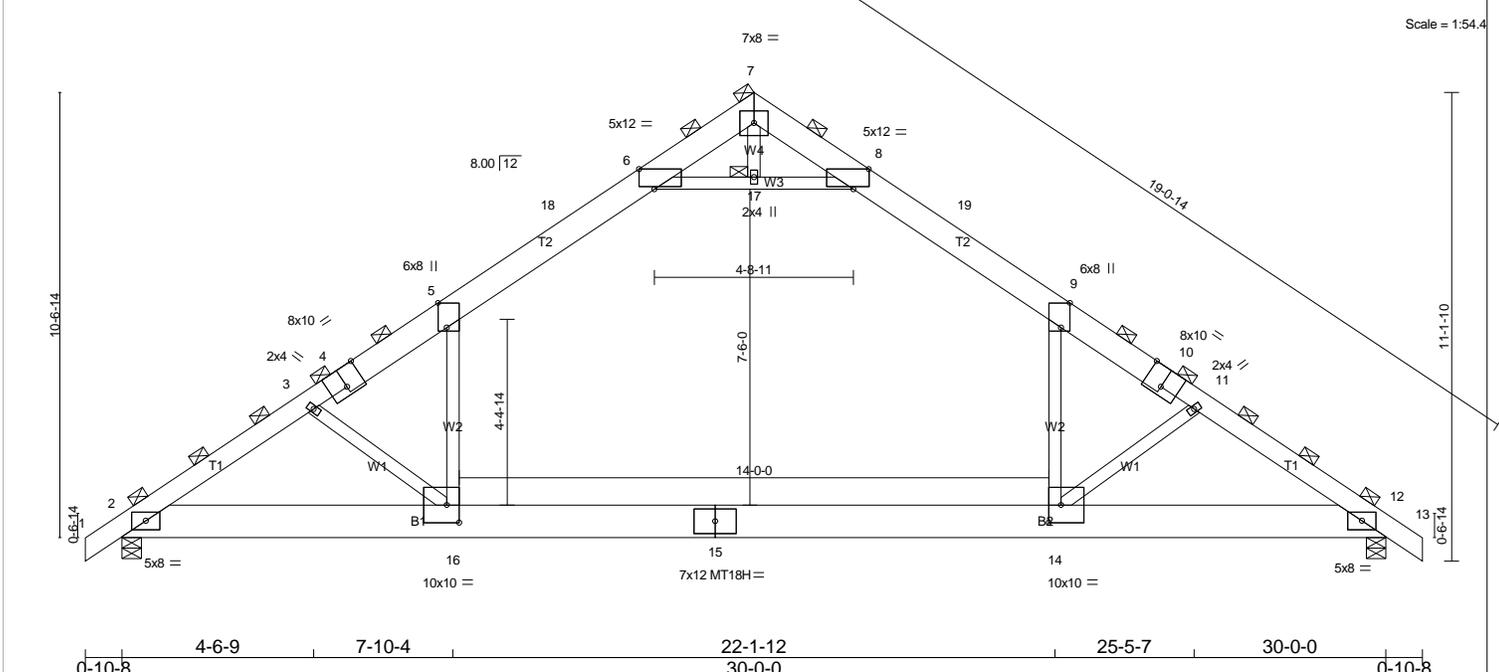
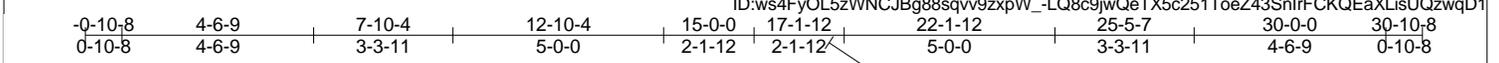


Plate Offsets (X,Y):	[4:0-5-0,Edge], [5:0-7-1,Edge], [6:Edge,0-5-13], [8:Edge,0-5-13], [9:0-7-1,Edge], [10:0-5-0,Edge], [14:0-3-8,0-5-0], [16:0-3-8,0-5-0]
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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	Plates Increase 1.15	TC 0.68	Vert(LL) -0.62 14-16 >571 240	MT20	197/144
TCDL 7.0	Lumber Increase 1.15	BC 0.78	Vert(TL) -0.90 14-16 >393 180	MT18H	244/190
BCLL 0.0	Rep Stress Incr YES	WB 0.48	Horz(TL) 0.04 12 n/a n/a		
BCDL 10.0	Code IBC2009/TPI2007	(Matrix)	Attic -0.29 14-16 585 360		
				Weight: 252 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 8 SYP 2400F 2.0E *Except* T1: 2 X 6 SYP No.2	TOP CHORD 2-0-0 oc purlins (3-10-0 max.), except sheathed or 5-10-6 oc purlins: 5-6, 8-9.
BOT CHORD 2 X 10 SYP No.1	BOT CHORD Rigid ceiling directly applied or 9-0-0 oc bracing.
WEBS 2 X 4 SPF No.2	JOINTS 1 Brace at Jt(s): 7, 17

REACTIONS (lb/size) 2=2041/0-5-8 (min. 0-2-8), 12=2041/0-5-8 (min. 0-2-8)
 Max Horz 2=-162(LC 8)
 Max Uplift 2=-25(LC 10), 12=-25(LC 10)
 Max Grav 2=2114(LC 2), 12=2114(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-3511/0, 3-4=-3074/0, 4-5=-2932/0, 5-18=-2133/46, 6-18=-1939/76, 6-7=0/988, 7-8=0/988, 8-19=-1939/76, 9-19=-2133/46, 9-10=-2932/0, 10-11=-3074/0, 11-12=-3511/0
 BOT CHORD 2-16=0/2845, 15-16=0/2163, 14-15=0/2163, 12-14=0/2845
 WEBS 6-17=-3472/69, 8-17=-3472/69, 5-16=0/1448, 9-14=0/1448, 3-16=-908/73, 11-14=-908/73, 7-17=0/355

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TC DL=4.2psf; BC DL=6.0psf; h=25ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (all heights); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCLL: ASCE 7-05; Pr=30.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps=27.7 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
 - Roof design snow load has been reduced to account for slope.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 27.7 psf on overhangs non-concurrent with other live loads.
 - All plates are MT20 plates unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - Ceiling dead load (5.0 psf) on member(s), 5-6, 8-9, 6-17, 8-17
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room, 14-16
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 25 lb uplift at joint 2 and 25 lb uplift at joint 12.
 - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B0903115	AT32	ATTIC	10	1	

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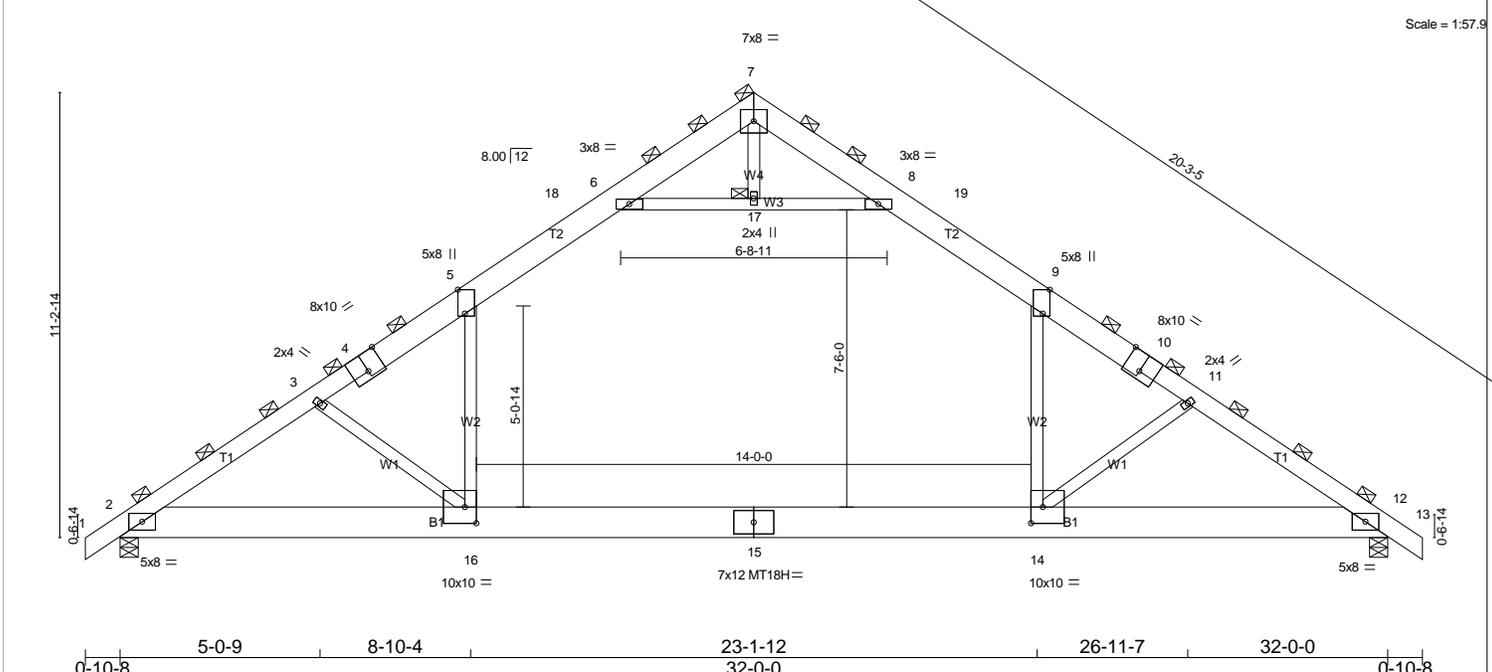
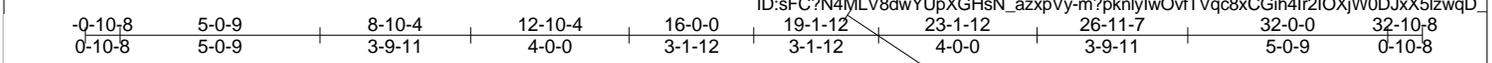


Plate Offsets (X,Y): [4:0-5-0,Edge], [5:0-7-4,Edge], [9:0-7-4,Edge], [10:0-5-0,Edge], [14:0-3-8,0-5-0], [16:0-3-8,0-5-0]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.60	in (loc) l/defl L/d	MT20	197/144
TCDL 7.0	Plates Increase 1.15	BC 0.75	Vert(LL) -0.54 14-16 >699 240	MT18H	244/190
BCLL 0.0	Lumber Increase 1.15	WB 0.76	Vert(TL) -0.78 14-16 >486 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.05 12 n/a n/a		
	Code IBC2009/TPI2007		Attic -0.28 14-16 617 360		
				Weight: 272 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 8 SYP 2400F 2.0E *Except* T1: 2 X 6 SYP No.2	TOP CHORD 2-0-0 oc purlins (3-5-14 max.), except sheathed or 6-0-0 oc purlins: 5-6, 8-9.
BOT CHORD 2 X 10 SYP No.1	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2 X 4 SPF No.2	JOINTS 1 Brace at Jt(s): 7, 17

REACTIONS (lb/size) 2=2131/0-5-8 (min. 0-2-10), 12=2131/0-5-8 (min. 0-2-10)
 Max Horz 2=173(LC 8)
 Max Uplift 2=28(LC 10), 12=28(LC 10)
 Max Grav 2=2208(LC 2), 12=2208(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-3652/6, 3-4=-3225/0, 4-5=-3069/0, 5-18=-2300/55, 6-18=-2148/78, 6-7=0/573, 7-8=0/573, 8-19=-2148/78, 9-19=-2300/55,
 9-10=-3069/0, 10-11=-3225/0, 11-12=-3652/6
 BOT CHORD 2-16=0/2954, 15-16=0/2363, 14-15=0/2363, 12-14=0/2954
 WEBS 6-17=-3056/62, 8-17=-3056/62, 5-16=0/1380, 9-14=0/1380, 3-16=-808/87, 11-14=-808/87

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TCCL=4.2psf; BCCL=6.0psf; h=25ft; B=45ft; L=30ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCCL: ASCE 7-05; Pr=30.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps=27.7 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
 - Roof design snow load has been reduced to account for slope.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 27.7 psf on overhangs non-concurrent with other live loads.
 - All plates are MT20 plates unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - Ceiling dead load (5.0 psf) on member(s), 5-6, 8-9, 6-17, 8-17
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 14-16
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 28 lb uplift at joint 2 and 28 lb uplift at joint 12.
 - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B0903115	AT34	ATTIC	10	1	

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0-10-8	5-7-11	9-10-4	14-8-3	17-0-0	19-3-13	24-1-12	28-4-5	34-0-0	34-10-8
0-10-8	5-7-11	4-2-9	4-9-15	2-3-13	2-3-13	4-9-15	4-2-9	34-0-0	34-10-8

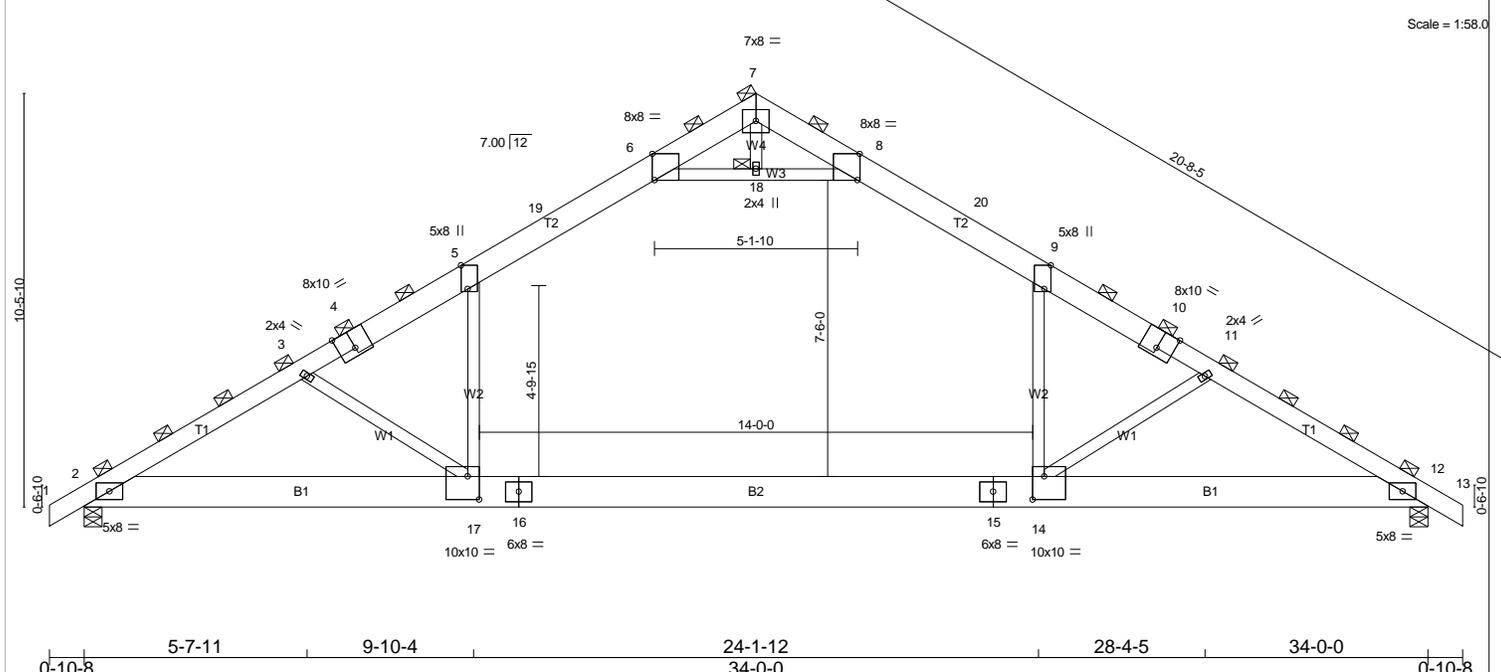


Plate Offsets (X,Y):	[4:0-5-0,Edge], [5:0-7-3,Edge], [6:Edge,0-8-0], [8:Edge,0-8-0], [9:0-7-3,Edge], [10:0-5-0,Edge], [14:0-3-8,0-7-0], [17:0-3-8,0-7-0]
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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.70	in (loc) l/defl L/d	MT20	197/144
TCDL 7.0	Plates Increase 1.15	BC 0.82	Vert(LL) -0.70 14-17 >574 240		
BCLL 0.0	Lumber Increase 1.15	WB 0.76	Vert(TL) -1.02 14-17 >394 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.06 12 n/a n/a		
	Code IBC2009/TPI2007		Attic -0.31 14-17 556 360	Weight: 279 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 8 SYP 2400F 2.0E *Except* T1: 2 X 6 SYP No.2	TOP CHORD 2-0-0 oc purlins (3-2-2 max.), except sheathed or 5-4-1 oc purlins: 5-6, 8-9.
BOT CHORD 2 X 10 SYP No.1	BOT CHORD Rigid ceiling directly applied or 9-4-10 oc bracing.
WEBS 2 X 4 SPF No.2	JOINTS 1 Brace at Jt(s): 7, 18

REACTIONS (lb/size)
2=2220/0-5-8 (min. 0-2-11), 12=2220/0-5-8 (min. 0-2-11)
Max Horz 2=156(LC 9)
Max Uplift 2=-30(LC 10), 12=-30(LC 10)
Max Grav 2=2301(LC 2), 12=2301(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-4128/18, 3-4=-3531/0, 4-5=-3373/0, 5-19=-2644/51, 6-19=-2475/77, 6-7=0/1139, 7-8=0/1139, 8-20=-2475/77, 9-20=-2644/51, 9-10=-3373/0, 10-11=-3531/0, 11-12=-4128/18
BOT CHORD 2-17=0/3490, 16-17=0/2710, 15-16=0/2710, 14-15=0/2710, 12-14=0/3490
WEBS 6-18=-4158/55, 8-18=-4158/55, 5-17=0/1436, 9-14=0/1436, 3-17=-993/93, 11-14=-993/93, 7-18=0/426

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=34ft; eave=4ft; Cat. II; Exp B; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCLL: ASCE 7-05; Pr=30.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps=27.7 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
 - Roof design snow load has been reduced to account for slope.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 27.7 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - Ceiling dead load (5.0 psf) on member(s), 5-6, 8-9, 6-18, 8-18
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room, 14-17
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 30 lb uplift at joint 2 and 30 lb uplift at joint 12.
 - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B0903115	AT36	ATTIC	10	1	

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0-10-8	5-7-11	9-10-4	14-8-3	18-0-0	21-3-13	26-1-12	30-4-5	36-0-0	36-10-8
0-10-8	5-7-11	4-2-9	4-9-15	3-3-13	3-3-13	4-9-15	4-2-9	5-7-11	0-10-8

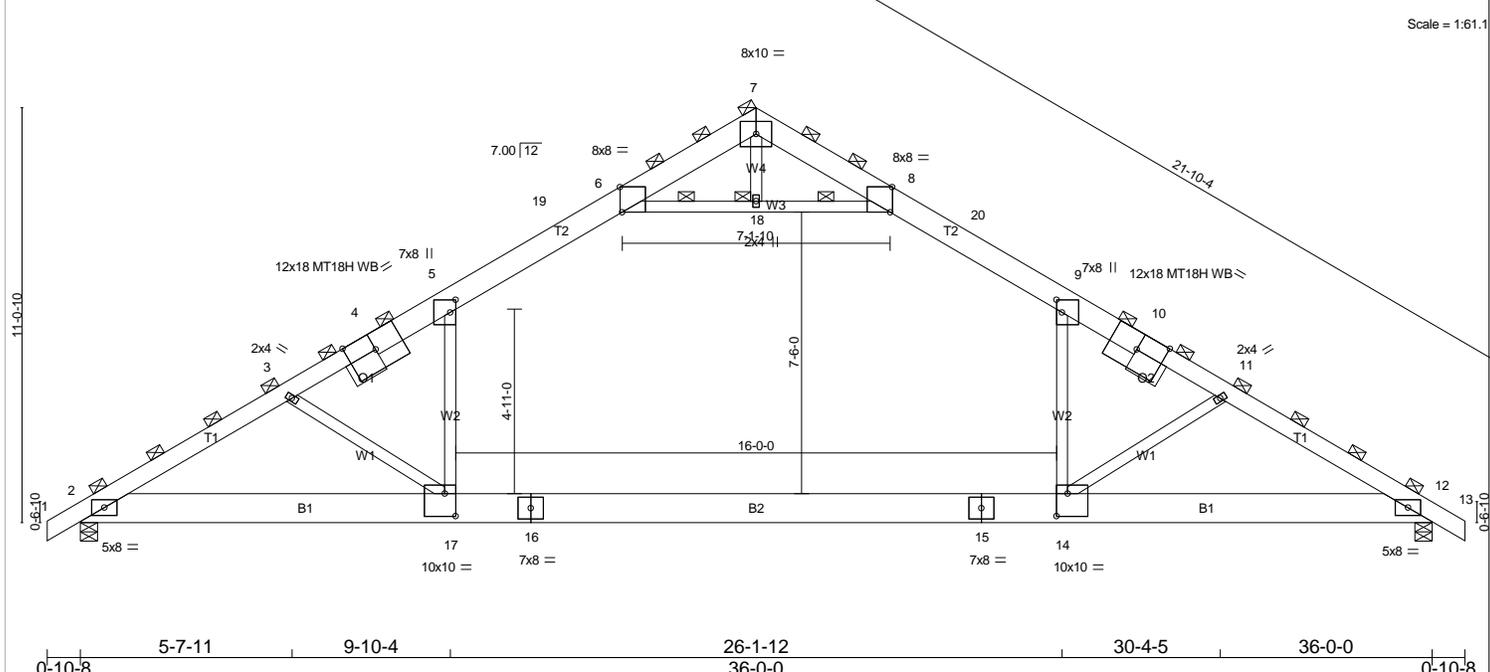


Plate Offsets (X,Y):	[5:0-4-0,0-1-12], [6:Edge,0-8-0], [8:Edge,0-8-0], [9:0-4-0,0-1-12], [14:0-3-8,0-7-4], [17:0-3-8,0-7-4]
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LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.79	in (loc) l/defl L/d	MT20	197/144
TCDL 7.0	Plates Increase 1.15	BC 0.99	Vert(LL) -0.93 14-17 >461 240	MT18H	244/190
BCLL 0.0	Lumber Increase 1.15	WB 0.57	Vert(TL) -1.33 14-17 >320 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.07 12 n/a n/a		
	Code IRC2009/TPI2007		Attic -0.47 14-17 417 360	Weight: 301 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 8 SYP 2400F 2.0E *Except* T1: 2 X 6 SYP 2400F 2.0E	TOP CHORD 2-0-0 oc purlins (3-7-13 max.), except sheathed or 4-8-2 oc purlins: 5-6, 8-9.
BOT CHORD 2 X 10 SYP No.1	BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 2 X 4 SPF No.2	WEBS 1 Row at midpt 6-18, 8-18
OTHERS 2 X 8 SYP No.2	JOINTS 1 Brace at Jt(s): 7, 18

REACTIONS (lb/size) 2=2399/0-5-8 (min. 0-2-15), 12=2399/0-5-8 (min. 0-2-15)
 Max Horz 2=165(LC 9)
 Max Uplift 2=-27(LC 10), 12=-27(LC 10)
 Max Grav 2=2485(LC 2), 12=2485(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-4608/2, 3-4=-3961/0, 4-5=-3796/0, 5-19=-2970/49, 6-19=-2801/75, 6-7=0/896, 7-8=0/896, 8-20=-2801/75, 9-20=-2970/49, 9-10=-3796/0, 10-11=-3961/0, 11-12=-4608/2
 BOT CHORD 2-17=0/3914, 16-17=0/3039, 15-16=0/3039, 14-15=0/3039, 12-14=0/3914
 WEBS 6-18=-4136/33, 8-18=-4136/33, 5-17=0/1643, 9-14=0/1643, 3-17=-1125/86, 11-14=-1125/86, 7-18=0/324

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TCCL=4.2psf; BCCL=6.0psf; h=25ft; B=45ft; L=36ft; eave=5ft; Cat. II; Exp B; enclosed; MWFRS (all heights); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCLL: ASCE 7-05; Pr=30.0 psf (roof live load); Lumber DOL=1.15 Plate DOL=1.15; Pg=40.0 psf (ground snow); Ps=27.7 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
 - Roof design snow load has been reduced to account for slope.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 27.7 psf on overhangs non-concurrent with other live loads.
 - All plates are MT20 plates unless otherwise indicated.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - Ceiling dead load (5.0 psf) on member(s) 5-6, 8-9, 6-18, 8-18
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 14-17
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 27 lb uplift at joint 2 and 27 lb uplift at joint 12.
 - This truss is designed in accordance with the 2009 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B0903115	AT38	ATTIC	10	1	

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0-10-8	6-2-6	10-10-4	15-9-11	19-0-0	22-2-5	27-1-12	31-9-10	38-0-0	38-10-8
0-10-8	6-2-6	4-7-14	4-11-7	3-2-5	3-2-5	4-11-7	4-7-14	6-2-6	0-10-8

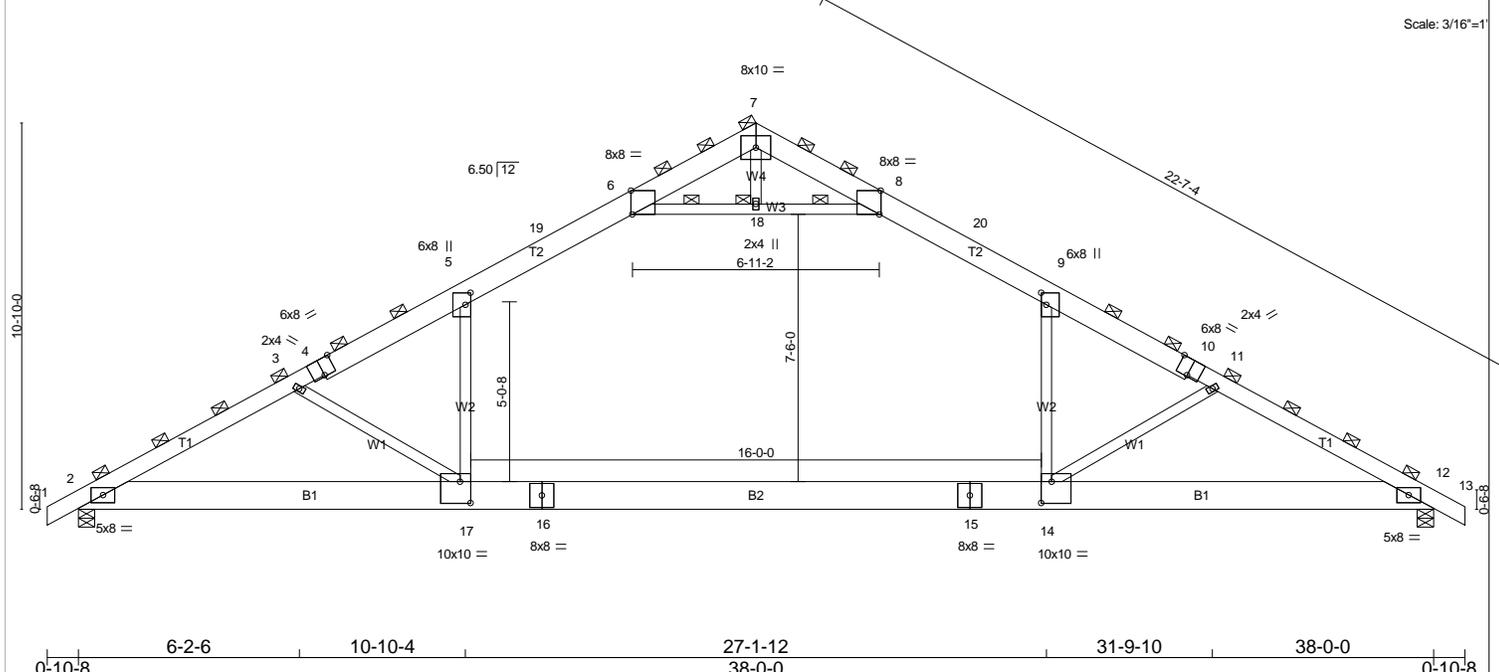


Plate Offsets (X,Y):	[4:0-4-0,Edge], [5:0-4-0,0-1-12], [6:Edge,0-8-0], [8:Edge,0-8-0], [9:0-4-0,0-1-12], [10:0-4-0,Edge], [14:0-3-8,0-7-4], [17:0-3-8,0-7-4]
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LOADING (psf)	SPACING	2-0-0	CSI	DEFL	in (loc)	l/defl	L/d	PLATES	GRIP	
TCLL 30.0	Plates Increase	1.15	TC 0.85	Vert(LL)	-0.97	14-17	>466	240	MT20	197/144
TCDL 7.0	Lumber Increase	1.15	BC 0.86	Vert(TL)	-1.40	14-17	>321	180		
BCLL 0.0	Rep Stress Incr	YES	WB 0.70	Horz(TL)	0.08	12	n/a	n/a		
BCDL 10.0	Code IBC2009/TPI2007		(Matrix)	Attic	-0.45	14-17	430	360		
									Weight: 310 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 8 SYP 2400F 2.0E *Except* T1: 2 X 6 SYP No.2	TOP CHORD 2-0-0 oc purlins (3-3-8 max.), except sheathed or 4-3-8 oc purlins: 5-6, 8-9.
BOT CHORD 2 X 10 SYP No.1 *Except* B2: 2 X 10 SYP 2400F 2.0E	BOT CHORD Rigid ceiling directly applied or 8-9-4 oc bracing.
WEBS 2 X 4 SPF No.2	WEBS 1 Row at midpt 6-18, 8-18
	JOINTS 1 Brace at Jt(s): 7, 18

REACTIONS (lb/size) 2=2489/0-5-8 (min. 0-3-1), 12=2489/0-5-8 (min. 0-3-1)
 Max Horz 2=157(LC 9)
 Max Uplift 2=30(LC 10), 12=30(LC 10)
 Max Grav 2=2579(LC 2), 12=2579(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-4921/17, 3-4=-4201/0, 4-5=-4038/0, 5-19=-3267/50, 6-19=-3103/75, 6-7=0/1032, 7-8=0/1032, 8-20=-3103/75, 9-20=-3267/50, 9-10=-4038/0, 10-11=-4201/0, 11-12=-4921/17
 BOT CHORD 2-17=0/4245, 16-17=0/3344, 15-16=0/3344, 14-15=0/3344, 12-14=0/4245
 WEBS 6-18=-4621/27, 8-18=-4621/27, 5-17=0/1600, 9-14=0/1600, 3-17=-1130/97, 11-14=-1130/97, 7-18=0/379

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TCCL=4.2psf; BCCL=6.0psf; h=25ft; B=45ft; L=38ft; eave=5ft; Cat. II; Exp B; enclosed; MWFRS (all heights); cantilever left and right exposed; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCCL: ASCE 7-05; Pr=30.0 psf (roof live load; Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps=27.7 psf (roof snow; Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
 - Roof design snow load has been reduced to account for slope.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 27.7 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - Ceiling dead load (5.0 psf) on member(s), 5-6, 8-9, 6-18, 8-18
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 14-17
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 30 lb uplift at joint 2 and 30 lb uplift at joint 12.
 - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
B0903115	AT40	ATTIC	10	1	

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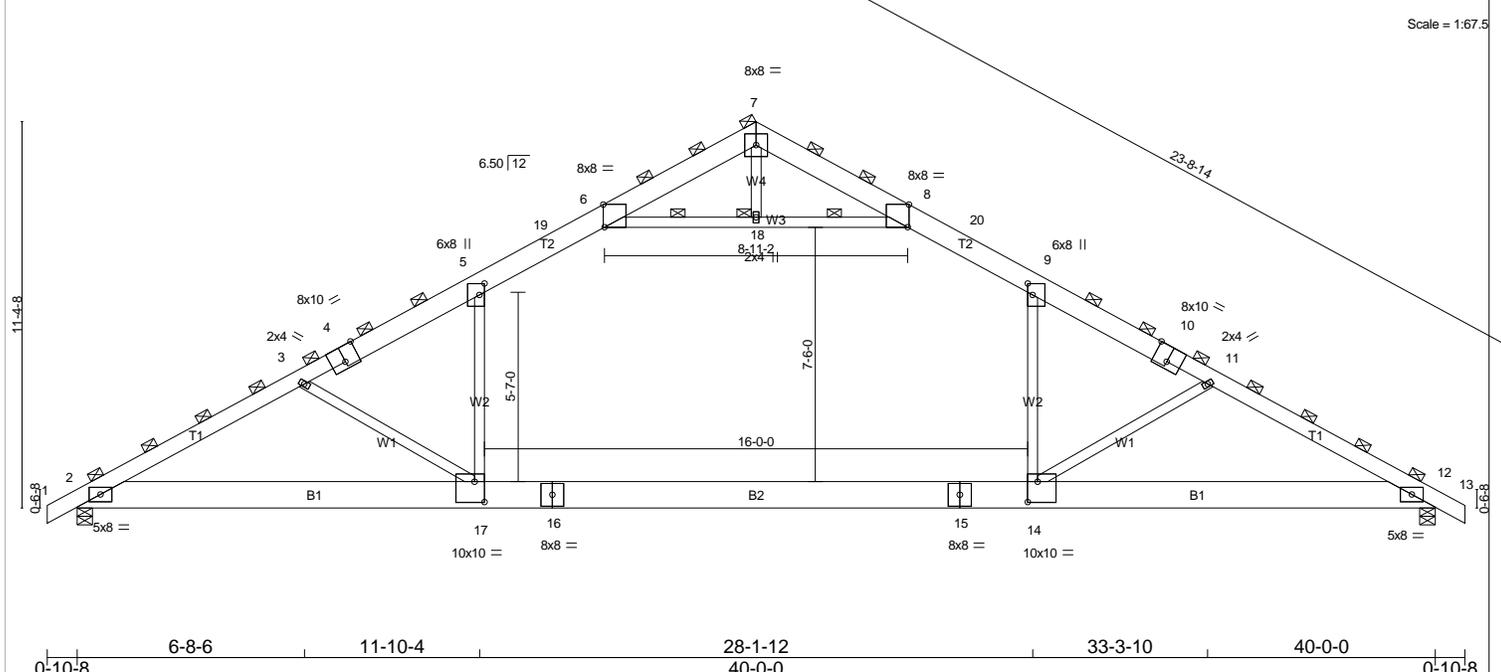


Plate Offsets (X,Y): [4:0-5-0,Edge], [5:0-4-0-0-1-12], [6:Edge,0-8-0], [8:Edge,0-8-0], [9:0-4-0-0-1-12], [10:0-5-0,Edge], [14:0-3-8,0-7-4], [17:0-3-8,0-7-4]

LOADING (psf)	SPACING	CSI	DEFL	PLATES	GRIP
TCLL 30.0	2-0-0	TC 0.75	in (loc) l/defl L/d	MT20	197/144
TCDL 7.0	Plates Increase 1.15	BC 1.00	Vert(LL) -0.88 14-17 >536 240		
BCLL 0.0	Lumber Increase 1.15	WB 0.86	Vert(TL) -1.26 14-17 >377 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.09 12 n/a n/a		
	Code IBC2009/TPI2007		Attic -0.49 14-17 402 360	Weight: 329 lb	FT = 20%

LUMBER	BRACING
TOP CHORD 2 X 8 SYP 2400F 2.0E *Except* T1: 2 X 6 SYP No.2	TOP CHORD 2-0-0 oc purlins (3-0-7 max.), except sheathed or 4-10-7 oc purlins: 5-6, 8-9.
BOT CHORD 2 X 10 SYP No.1	BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 2 X 4 SPF No.2	WEBS 1 Row at midpt 6-18, 8-18
	JOINTS 1 Brace at Jt(s): 7, 18

REACTIONS (lb/size) 2=2578/0-5-8 (min. 0-3-2), 12=2578/0-5-8 (min. 0-3-2)
 Max Horz 2=-166(LC 8)
 Max Uplift 2=-32(LC 10), 12=-32(LC 10)
 Max Grav 2=2673(LC 2), 12=2673(LC 2)

FORCES (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-5092/30, 3-4=-4412/0, 4-5=-4236/0, 5-19=-3482/56, 6-19=-3354/78, 6-7=0/585, 7-8=0/585, 8-20=-3354/78, 9-20=-3482/56,
 9-10=-4236/0, 10-11=-4412/0, 11-12=-5092/30
 BOT CHORD 2-17=0/4383, 16-17=0/3589, 15-16=0/3589, 14-15=0/3589, 12-14=0/4383
 WEBS 6-18=-4220/26, 8-18=-4220/26, 5-17=0/1554, 9-14=0/1554, 3-17=-1030/112, 11-14=-1030/112, 7-18=0/292

- NOTES**
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-05; 90mph; TCDL=4.2psf; BCDL=6.0psf; h=25ft; B=45ft; L=40ft; eave=5ft; Cat. II; Exp B; enclosed; MWFRS (all heights); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCLL: ASCE 7-05; Pr=30.0 psf (roof live load: Lumber DOL=1.15 Plate DOL=1.15); Pg=40.0 psf (ground snow); Ps=27.7 psf (roof snow: Lumber DOL=1.15 Plate DOL=1.15); Category II; Exp B; Fully Exp.; Ct=1.1
 - Roof design snow load has been reduced to account for slope.
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 27.7 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - Ceiling dead load (5.0 psf) on member(s), 5-6, 8-9, 6-18, 8-18
 - Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room, 14-17
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 32 lb uplift at joint 2 and 32 lb uplift at joint 12.
 - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - Design assumes 4x2 (flat orientation) purlins at oc spacing indicated, fastened to truss TC w/ 2-10d nails.
 - Attic room checked for L/360 deflection.

LOAD CASE(S) Standard