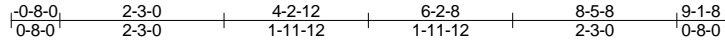


Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
MILFORD DISPLAYS	1-1	QUEENPOST	1	1	

Boise Cascade, Biddeford, ME 04005, Samantha Turbide

7.640 s Feb 22 2016 MiTek Industries, Inc. Tue Mar 28 12:04:52 2017 Page 1
 ID:HE91un8m8OvpN2IKoAZdkPyTvlA-?2fG5v87KA1esyRQKpBEs2_X2oe117Fel9vhd2zWQVP



Scale = 1:31.6

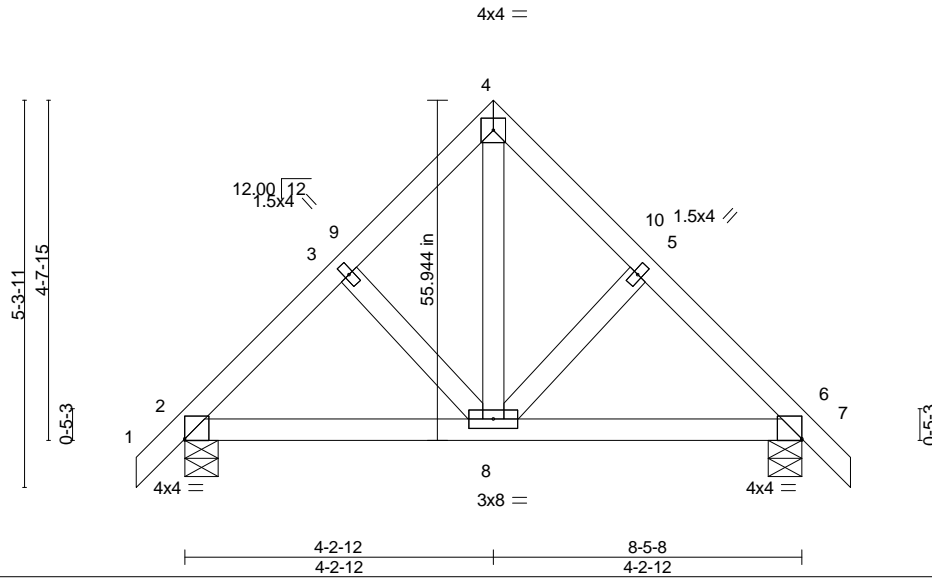


Plate Offsets (X,Y)-- [2:Edge,0-0-4], [6:Edge,0-0-4]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 70.0 (Roof Snow=70.0)	2-0-0	TC 0.13	in (loc) l/defl L/d	MT20	169/123
TCDL 10.0	Plate Grip DOL 1.15	BC 0.12	Vert(LL) -0.01 8 >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.12	Vert(TL) -0.02 2-8 >999 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.01 6 n/a n/a		
	Code IBC2009/TPI2007			Weight: 35 lb	FT = 0%

LUMBER-
 TOP CHORD 2x4 SPF 1650F 1.5E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 SPF-S No.2

BRACING-
 TOP CHORD
 BOT CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins.
 Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=863/0-5-8 (min. 0-1-8), 6=863/0-5-8 (min. 0-1-8)
 Max Horz 2=263(LC 7)
 Max Uplift 2=298(LC 8), 6=298(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-817/251, 3-9=-596/268, 4-9=-461/283, 4-10=-461/283, 5-10=-596/268,
 5-6=-817/251
 BOT CHORD 2-8=-163/454, 6-8=-62/454
 WEBS 4-8=-271/369

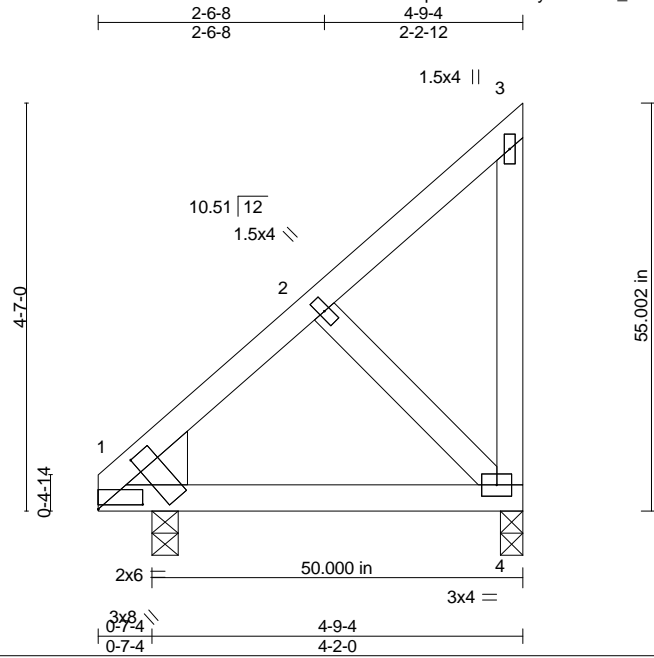
- NOTES-** (9-10)
- 1) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) TCLL: ASCE 7-05; Pf=70.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 70.0 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 298 lb uplift at joint 2 and 298 lb uplift at joint 6.
 - 8) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - 9) Dimensions are in feet-inches-sixteenths
 - 10) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
MILFORD DISPLAYS	1-2	MONO TRUSS	1	1	

Boise Cascade, Biddeford, ME 04005, Samantha Turbide

ID:HE91un8m8OvpN2IKoAZdkPyTvlA-b01_bWWWZ1ixF4jJNfpEVcampwHCX38RctUvqClzWQUw 7.640 s Feb 22 2016 MiTek Industries, Inc. Tue Mar 28 12:05:23 2017 Page 1



Scale = 1:25.9

Plate Offsets (X,Y)-- [1:0-6-0,0-0-10], [1:0-2-2,0-7-10]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 70.0 (Roof Snow=70.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.15 BC 0.17 WB 0.08 (Matrix)	Vert(LL) -0.02 Vert(TL) -0.06 Horz(TL) 0.00	1-4 1-4 4	>999 >954 n/a	240 180 n/a	MT20	169/123
TCDL 10.0	Rep Stress Incr YES							
BCLL 0.0 *	Code IBC2009/TPI2007							
BCDL 10.0							Weight: 22 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 SPF 1650F 1.5E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 SPF-S No.2
 WEDGE
 Left: 2x8 SP M 23

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-9-4 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 4=403/0-3-0 (min. 0-1-8), 1=403/0-3-8 (min. 0-1-8)
 Max Horz 1=327(LC 8)
 Max Uplift 4=-275(LC 8)
 Max Grav 4=463(LC 2), 1=422(LC 2)

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

TOP CHORD 1-2=-417/0
 BOT CHORD 1-4=-220/250
 WEBS 2-4=-355/312

NOTES- (8-9)

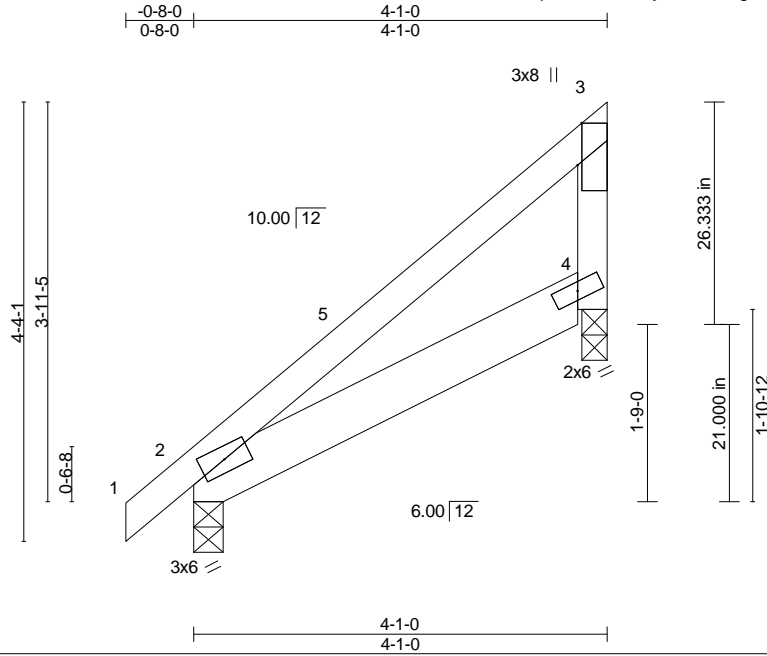
- 1) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Corner(3) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-05; Pf=70.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 275 lb uplift at joint 4.
- 7) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
- 8) Dimensions are in feet-inches-sixteenths
- 9) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	
MILFORD DISPLAYS	2-1	MONO SCISSOR	1	1	Job Reference (optional)

Boise Cascade, Biddeford, ME 04005, Samantha Turbide

7.640 s Feb 22 2016 MiTek Industries, Inc. Mon Apr 03 09:15:47 2017 Page 1
 ID:HE91un8m8OvpN2IKoAZdkPyTvlA-zzvdgx2eZYpADswz1x6wblsdcTKoozsKp63p_KzUUPw



Scale = 1:22.7

Plate Offsets (X,Y)-- [3:0-5-0,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 70.0 (Roof Snow=70.0)	2-0-0	TC 0.40	Vert(LL)	-0.00	2-4	>999	MT20	169/123
TCDL 10.0	Plate Grip DOL 1.15	BC 0.13	Vert(TL)	-0.01	2-4	>999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.00	Horz(TL)	0.00	4	n/a		
BCDL 10.0	Rep Stress Incr YES	(Matrix)					Weight: 17 lb	FT = 0%
	Code IBC2009/TPI2007							

LUMBER-
 TOP CHORD 2x4 SPF 1650F 1.5E
 BOT CHORD 2x6 SPF 1650F 1.5E
 WEBS 2x4 SPF-S No.2
 OTHERS 2x4 SPF-S No.2

BRACING-
 TOP CHORD
 BOT CHORD

Structural wood sheathing directly applied or 4-1-0 oc purlins.
 Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=485/0-3-8 (min. 0-1-8), 4=327/0-3-0 (min. 0-1-8)
 Max Horz 2=317(LC 8)
 Max Uplift 2=72(LC 8), 4=-219(LC 8)
 Max Grav 2=509(LC 2), 4=384(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-5=-451/0

NOTES- (10-11)

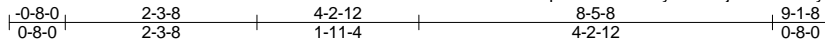
- 1) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-05; Pf=70.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 14.0 psf or 1.00 times flat roof load of 70.0 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 7) Bearing at joint(s) 2, 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 4=219.
- 9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
- 10) Dimensions are in feet-inches-sixteenths
- 11) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
MILFORD DISPLAYS	2-2	SPECIAL	1	1	

Boise Cascade, Biddeford, ME 04005, Samantha Turbide

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4x4 =

Scale = 1:27.5

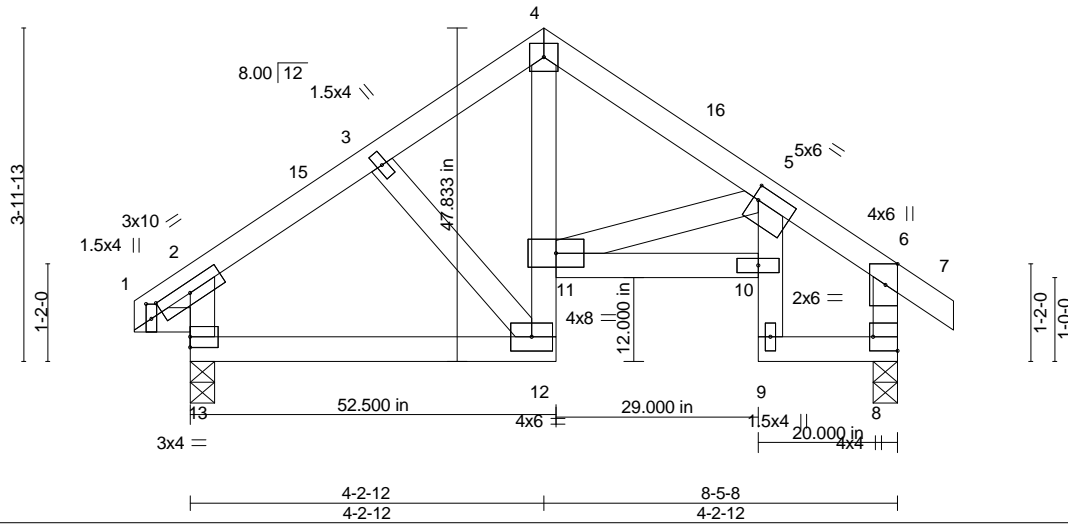


Plate Offsets (X,Y)-- [1:0-2-2,0-0-12], [2:0-4-14,0-1-8], [5:0-0-12,0-2-0], [6:0-3-0,Edge], [8:Edge,0-3-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 70.0 (Roof Snow=70.0)	2-0-0	TC 0.52	in (loc) l/defl L/d	MT20	169/123
TCDL 10.0	Plate Grip DOL 1.15	BC 0.72	Vert(LL) -0.08 10-11 >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.10	Vert(TL) -0.12 10-11 >824 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.13 8 n/a n/a		
	Code IBC2009/TPI2007			Weight: 36 lb	FT = 0%

LUMBER-

TOP CHORD 2x4 SPF 1650F 1.5E
 BOT CHORD 2x4 SPF 1650F 1.5E *Except*
 B2: 2x4 SPF-S No.2, B4: 2x4 SPF 2100F 1.8E
 WEBS 2x4 SPF-S No.2 *Except*
 W1: 2x4 SP 2700F 2.2E, W4: 2x4 SPF 1650F 1.5E
 OTHERS 2x4 SPF 1650F 1.5E

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.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 13=865/0-3-8 (min. 0-1-8), 8=865/0-3-8 (min. 0-1-8)
 Max Horz 13=168(LC 7)
 Max Uplift 13=291(LC 8), 8=294(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-15=-752/260, 3-15=-588/271, 3-4=-547/270, 4-16=-629/265, 5-16=-713/253,
 5-6=-612/232, 2-13=-819/348, 6-8=-769/314
 BOT CHORD 12-13=-134/444, 8-9=-70/310, 10-11=-220/931
 WEBS 5-11=-490/198

NOTES- (10-11)

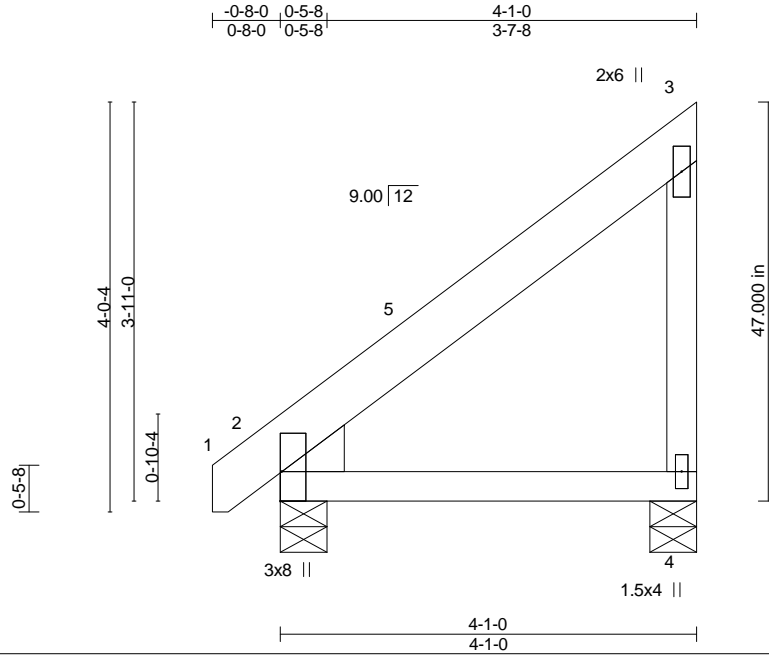
- 1) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-05; Pf=70.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
- 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 70.0 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 291 lb uplift at joint 13 and 294 lb uplift at joint 8.
- 8) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
- 9) "Semi-rigid pitchbreaks including heels" Member end fixity model was used in the analysis and design of this truss.
- 10) Dimensions are in feet-inches-sixteenths
- 11) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
MILFORD DISPLAYS	2-3	MONO TRUSS	1	1	

Boise Cascade, Biddeford, ME 04005, Samantha Turbide

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Scale = 1:22.6

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

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 70.0 (Roof Snow=70.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.19 BC 0.13 WB 0.00 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.01 2-4 >999 240 Vert(TL) -0.03 2-4 >999 180 Horz(TL) 0.00 n/a n/a	MT20	169/123
TCDL 10.0	Rep Stress Incr YES				
BCLL 0.0 *	Code IBC2009/TPI2007				
BCDL 10.0				Weight: 20 lb	FT = 0%

LUMBER-

TOP CHORD 2x6 SPF 1650F 1.5E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 SPF-S No.2
 WEDGE
 Left: 2x6 SPF 1650F 1.5E

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-1-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=479/0-5-8 (min. 0-1-8), 4=319/0-5-8 (min. 0-1-8)
 Max Horz 2=271(LC 8)
 Max Uplift 2=-71(LC 8), 4=-216(LC 8)
 Max Grav 2=504(LC 2), 4=373(LC 2)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 3-4=-336/265

NOTES- (10-11)

- 1) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-05; Pf=70.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 15.0 psf or 1.00 times flat roof load of 70.0 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 71 lb uplift at joint 2 and 216 lb uplift at joint 4.
- 8) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
- 9) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
- 10) Dimensions are in feet-inches-sixteenths
- 11) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard

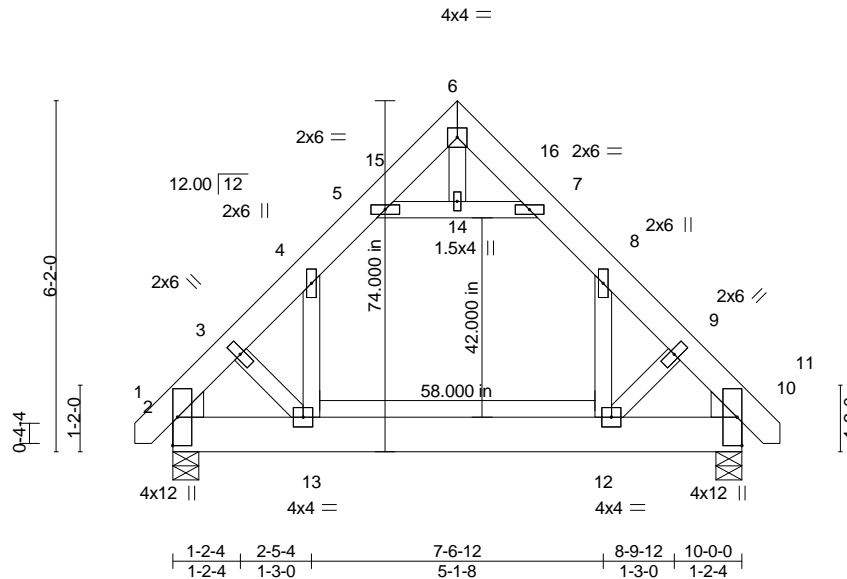
Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
MILFORD DISPLAYS	3-1	ATTIC	1	1	

Boise Cascade, Biddeford, ME 04005, Samantha Turbide

7.640 s Feb 22 2016 MiTek Industries, Inc. Tue Mar 28 12:11:06 2017 Page 1
 ID:HE91un8m8OvpN2IKoAZdkPyTvlA-2?GfaofjF49akR1IFMux0wTsiYH5wGohlLVUInzWQPZ

0-8-0	1-2-4	2-5-4	3-8-12	5-0-0	6-3-4	7-6-12	8-9-12	10-0-0	10-8-0
0-8-0	1-2-4	1-3-0	1-3-8	1-3-4	1-3-4	1-3-8	1-3-0	1-2-4	0-8-0

Scale = 1:40.5



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 70.0 (Roof Snow=70.0)	2-0-0	TC 0.12	in (loc) l/defl L/d	MT20	169/123
TCDL 10.0	Plate Grip DOL 1.15	BC 0.08	Vert(LL) -0.02 12-13 >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.12	Vert(TL) -0.03 12-13 >999 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.00 10 n/a n/a		
	Code IBC2009/TPI2007			Weight: 74 lb	FT = 0%

LUMBER-

TOP CHORD 2x6 SPF 1650F 1.5E
 BOT CHORD 2x8 SP M 23
 WEBS 2x4 SPF-S No.2
 WEDGE
 Left: 2x6 SPF 1650F 1.5E, Right: 2x6 SPF 1650F 1.5E

BRACING-

TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=1060/0-5-8 (min. 0-1-8), 10=1060/0-5-8 (min. 0-1-8)
 Max Horz 2=-331(LC 7)
 Max Uplift 2=-236(LC 9), 10=-236(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-1033/196, 3-4=-901/226, 4-5=-669/261, 5-15=-265/71, 7-16=-265/71,
 7-8=-669/261, 8-9=-901/226, 9-10=-1033/196
 BOT CHORD 2-13=-210/457, 12-13=-78/538, 10-12=-38/457
 WEBS 5-14=-499/297, 7-14=-499/297, 4-13=-88/327, 8-12=-88/327

NOTES- (13-14)

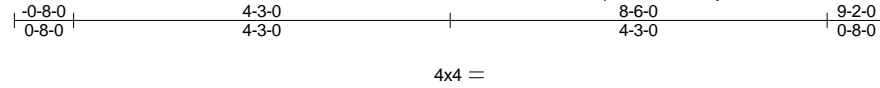
- 1) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-05; Pf=70.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for greater of min roof live load of 12.0 psf or 1.00 times flat roof load of 70.0 psf on overhangs non-concurrent with other live loads.
- 5) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
- 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 7) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 8) Ceiling dead load (5.0 psf) on member(s). 4-5, 7-8, 5-14, 7-14; Wall dead load (5.0psf) on member(s).4-13, 8-12
- 9) Bottom chord live load (40.0 psf) and additional bottom chord dead load (5.0 psf) applied only to room. 12-13
- 10) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 236 lb uplift at joint 2 and 236 lb uplift at joint 10.
- 11) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
- 12) Attic room checked for L/360 deflection.
- 13) Dimensions are in feet-inches-sixteenths
- 14) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard

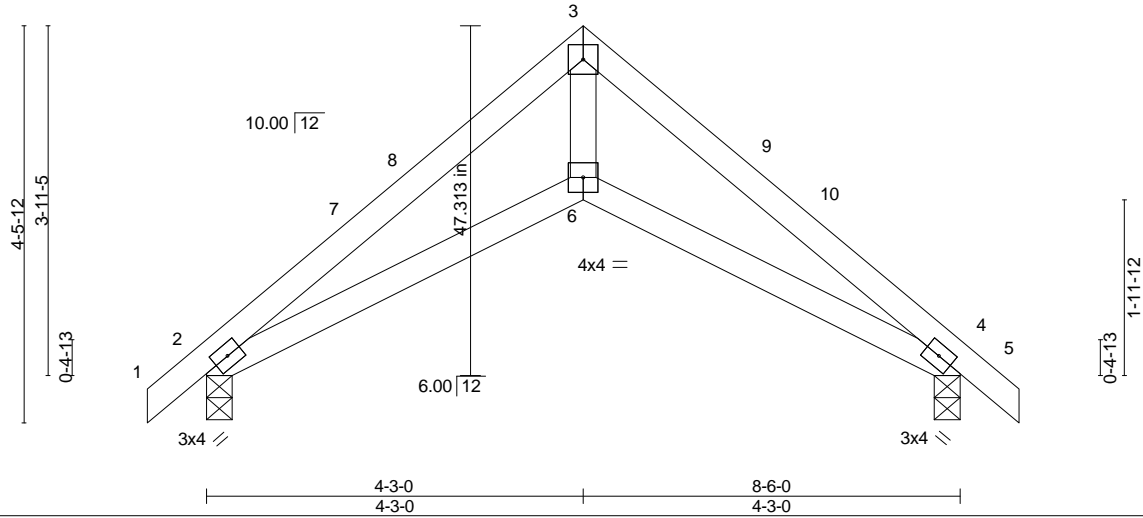
Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
MILFORD DISPLAYS	4-1	SCI	1	1	

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Scale = 1:26.0



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 70.0 (Roof Snow=70.0)	2-0-0	TC 0.71	in (loc) l/defl L/d	MT20	169/123
TCDL 10.0	Plate Grip DOL 1.15	BC 0.22	Vert(LL) -0.05 6 >999 240		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.31	Vert(TL) -0.07 4-6 >999 180		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.09 4 n/a n/a		
	Code IBC2009/TPI2007			Weight: 27 lb	FT = 0%

LUMBER-
 TOP CHORD 2x4 SPF 1650F 1.5E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 SPF-S No.2

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 4-5-7 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=869/0-3-8 (min. 0-1-8), 4=869/0-3-8 (min. 0-1-8)
 Max Horz 2=223(LC 7)
 Max Uplift 2=-297(LC 8), 4=-297(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-7=-1402/124, 7-8=-1218/128, 3-8=-1194/140, 3-9=-1183/164, 9-10=-1206/150,
 4-10=-1390/148
 BOT CHORD 2-6=-133/1031, 4-6=-132/1019
 WEBS 3-6=-61/983

- NOTES-** (10-11)
- 1) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) TCLL: ASCE 7-05; Pf=70.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 14.0 psf or 1.00 times flat roof load of 70.0 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) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
 - 7) Bearing at joint(s) 2, 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 297 lb uplift at joint 2 and 297 lb uplift at joint 4.
 - 9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - 10) Dimensions are in feet-inches-sixteenths
 - 11) Drawing prepared exclusively for manufacturing by Boise Cascade.

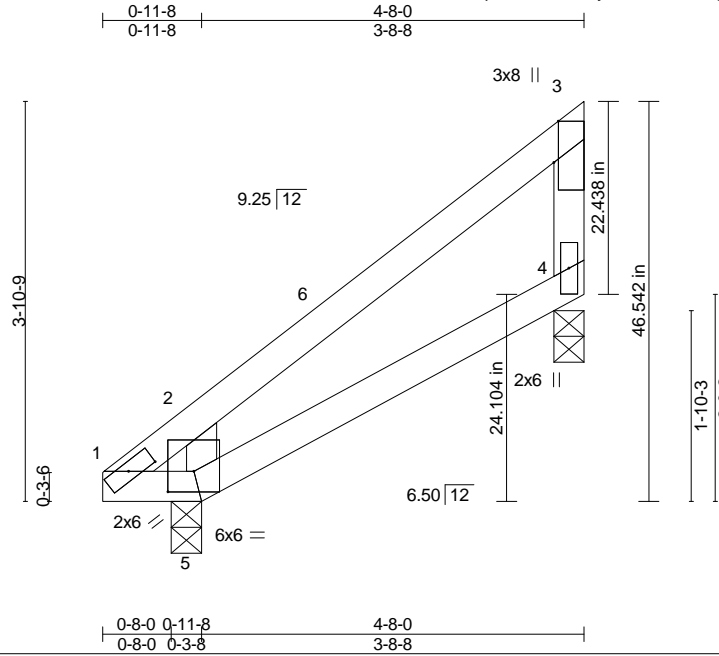
LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	Job Reference (optional)
MILFORD DISPLAYS	4-2	MONO SCISSOR	1	1	

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Scale = 1:22.3

Plate Offsets (X,Y)-- [1:0-3-2,0-1-0], [3:0-4-13,Edge], [5:0-3-0,0-2-6]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL 70.0 (Roof Snow=70.0)	2-0-0	TC 0.33	Vert(LL)	0.01	4-5	>999	MT20	169/123
TCDL 10.0	Plate Grip DOL 1.15	BC 0.12	Vert(TL)	-0.01	4-5	>999		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.09	Horz(TL)	-0.00	4	n/a		
BCDL 10.0	Rep Stress Incr YES	(Matrix)					Weight: 15 lb	FT = 0%
	Code IBC2009/TPI2007							

LUMBER-

TOP CHORD 2x4 SPF 1650F 1.5E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 SPF-S No.2

BRACING-

TOP CHORD Structural wood sheathing directly applied or 4-8-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 5=497/0-3-8 (min. 0-1-8), 4=306/0-3-8 (min. 0-1-8)
 Max Horz 5=273(LC 8)
 Max Uplift 5=64(LC 8), 4=220(LC 8)
 Max Grav 5=521(LC 2), 4=358(LC 2)

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

TOP CHORD 1-2=-255/43, 2-6=-367/9
 WEBS 2-5=-620/375

NOTES- (9-10)

- 1) Wind: ASCE 7-05; 120mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) zone; cantilever left and right exposed ;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) TCLL: ASCE 7-05; Pf=70.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
- 3) Unbalanced snow loads have been considered for this design.
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 20.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 64 lb uplift at joint 5 and 220 lb uplift at joint 4.
- 7) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 4.
- 8) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
- 9) Dimensions are in feet-inches-sixteenths
- 10) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard