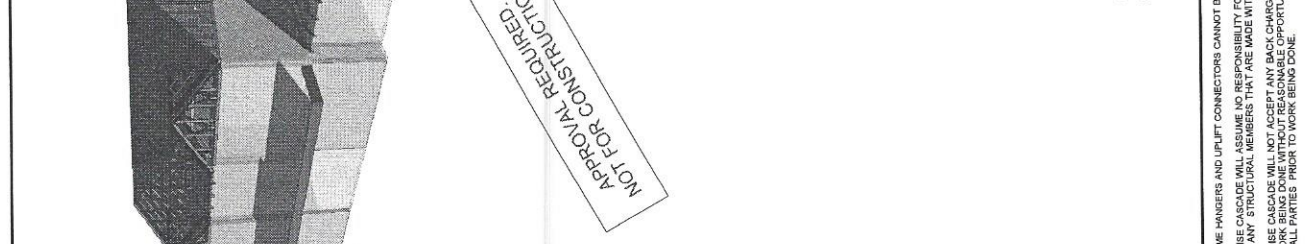
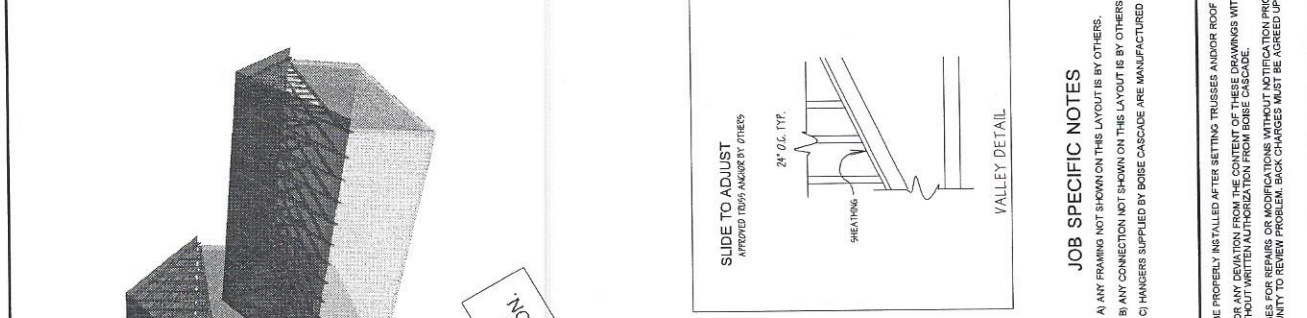


DRAWN BY: JAB
 SCALE: 1/4" = 1'-0"
 DATE: 11/07/2016
 REVISED:

CUSTOMER: YARD
 ADDRESS: AUBURN 2, ME
 JOB NAME: GERVAIS
 JOB #: 682591



JOB SPECIFIC NOTES

A) ANY FRAMING NOT SHOWN ON THIS LAYOUT IS BY OTHERS.
 B) ANY CONNECTION NOT SHOWN ON THE LAYOUT IS BY OTHERS.
 C) HANGERS SUPPLIED BY BOISE CASCADE ARE MANUFACTURED BY USP.

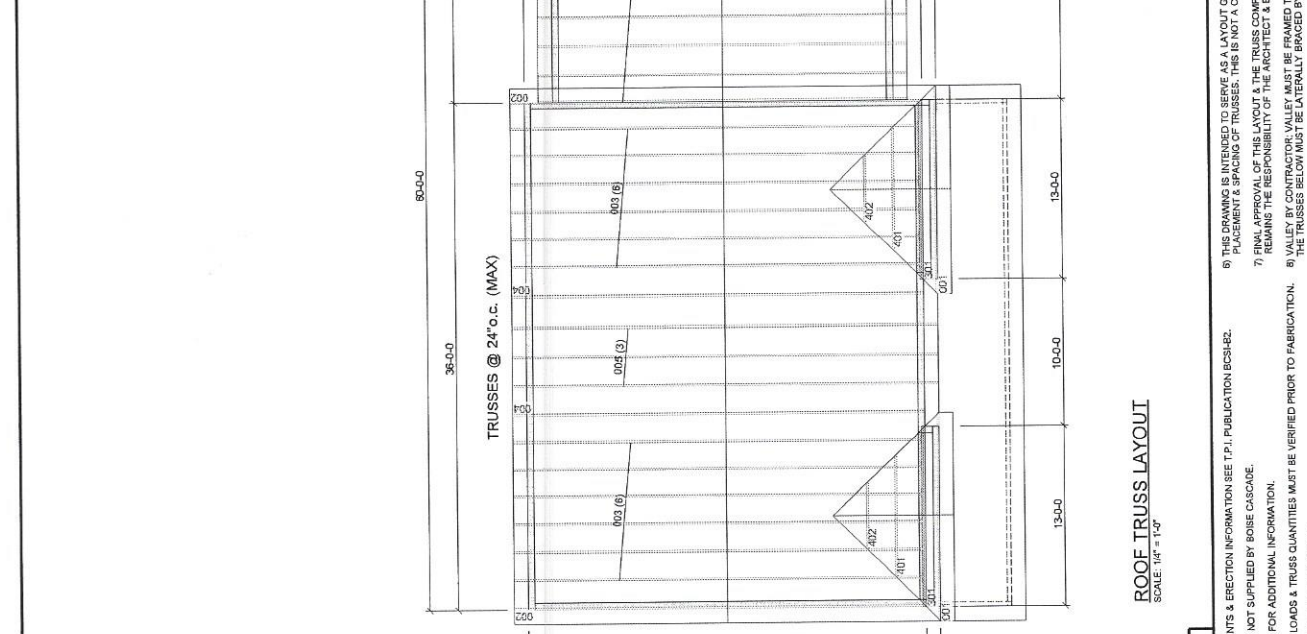
9) SOME HANGERS AND UPLIFT CONNECTORS CANNOT BE PROPERLY INSTALLED AFTER SETTING TRUSSES AND/OR ROOF SHEATHING.
 10) BOISE CASCADE WILL ASSUME NO RESPONSIBILITY FOR ANY DEVIATION FROM THE CONTENT OF THESE DRAWINGS WITH REGARDS TO ANY STRUCTURAL MEMBERS THAT ARE MADE WITHOUT WRITTEN AUTHORIZATION FROM BOISE CASCADE.
 11) BOISE CASCADE WILL NOT ACCEPT ANY BACK CHARGES FOR REPAIR OR MODIFICATIONS WITHOUT NOTIFICATION PRIOR TO WORK BEING DONE WITHOUT REASON. OPPORTUNITY TO REVIEW PROBLEM. BACK CHARGES MUST BE FORCED UPON BY ALL PARTIES PRIOR TO WORK BEING DONE.

6) THIS DRAWING IS INTENDED TO SERVE AS A LAYOUT GUIDE FOR THE TRUSS ERECTION CREW TO ENSURE PROPER PLACEMENT & SPACING OF TRUSSES. THIS IS NOT A COMPLETE FRAMING PLAN.
 7) FINAL APPROVAL OF THIS LAYOUT & THE TRUSS COMPONENTS TO BE SUPPLIED FOR COMPLIANCE WITH PROJECT SPECIFICATIONS REMAINS THE RESPONSIBILITY OF THE ARCHITECT & ENGINEER OF RECORD.
 8) VALLEY BY CONTRACTOR. VALLEY MUST BE FRAMED TO ENSURE UNIFORM DISTRIBUTION OF LIVE & DEAD LOADS. TOP CHORDS OF THE TRUSSES BELOW MUST BE LATERALLY BRACED BY MEANS OF SHEATHING OR PURLINS @ 24" O.C. MAX.

1) FOR BRACING REQUIREMENTS & ERECTION INFORMATION SEE T.P.1, PUBLICATION BCS442.
 2) BRACING STOCK (2x4 MIN) NOT SUPPLIED BY BOISE CASCADE.
 3) SEE TRUSS ENGINEERING FOR ADDITIONAL INFORMATION.
 4) ALL DIMENSIONS, DESIGN LOADS & TRUSS QUANTITIES MUST BE VERIFIED PRIOR TO FABRICATION.
 5) ADDITIONAL FRAMING AS REQUIRED BY OTHERS.

GENERAL NOTES:
 SCALE: 1/4" = 1'-0"

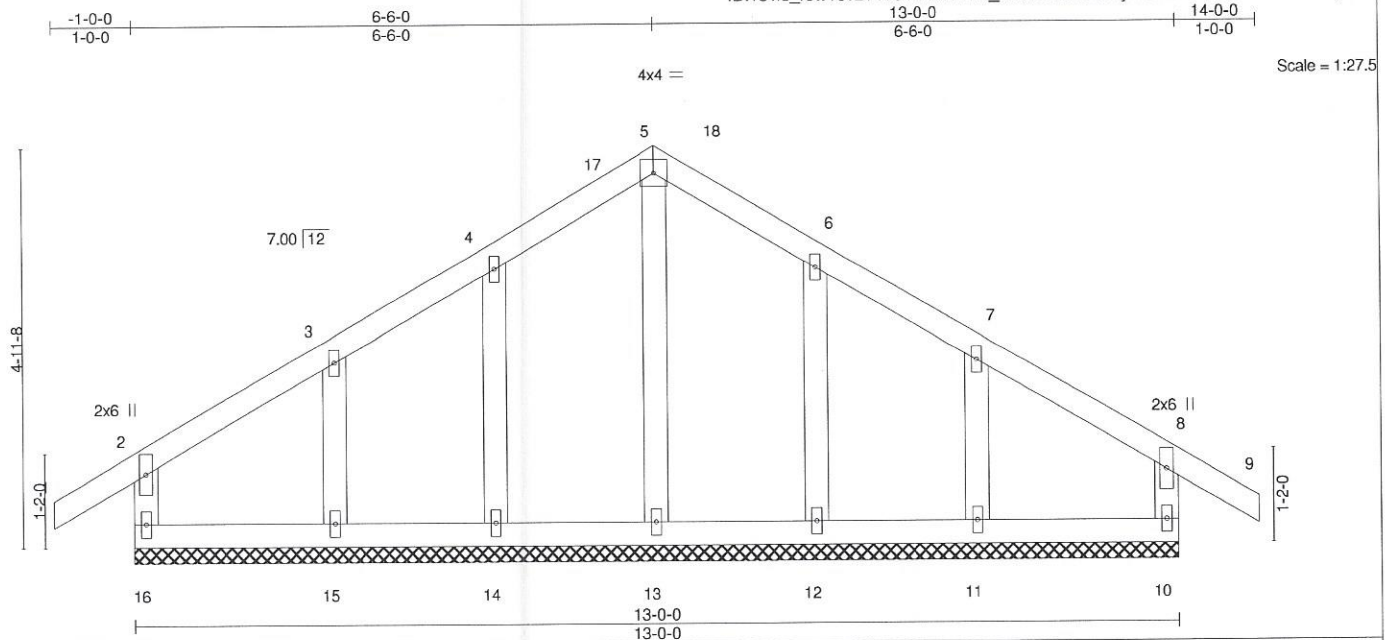
ROOF TRUSS LAYOUT
 SCALE: 1/4" = 1'-0"



APPROVAL REQUIRED:
 NOT FOR CONSTRUCTION.

Job	Truss	Truss Type	Qty	Ply	GERVAIS/AUBURN, ME
682591	001	GESI	2	1	A_MGE_E125993_11/7/2016 2:44:09 PM Job Reference (optional)

Boise Cascade, Biddeford, ME 04005, Jordan Berard Run: 7.640 s Feb 22 2016 Print: 7.640 s Feb 22 2016 MiTek Industries, Inc. Tue Nov 08 08:05:11 2016 Page 1
ID:1c4fo_r9w1ev2?4T9Y843Hz2kJ_-re7NFVciziE2mjr18eARvcJz6otakxf8s61wyLJs



LOADING (psf)	SPACING-	CSL	DEFL	PLATES	GRIP
TCLL 61.6 (Ground Snow=80.0)	2-0-0 Plate Grip DOL 1.15	TC 0.14	in (loc) l/defl L/d	MT20	169/123
TCDL 10.0	Lumber DOL 1.15	BC 0.05	Vert(LL) -0.01 9 n/r 180		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.13	Vert(TL) -0.00 9 n/r 120		
BCDL 10.0	Code IBC2009/TPI2007	(Matrix)	Horz(TL) 0.00 10 n/a n/a		
				Weight: 51 lb	FT = 0%

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

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. All bearings 13-0-0.
(lb) - Max Horz 16--158(LC 7)
Max Uplift All uplift 100 lb or less at joint(s) 14, 12 except 16--104(LC 9), 10--110(LC 10), 15--134(LC 9), 11--131(LC 10)
Max Grav All reactions 250 lb or less at joint(s) except 16=370(LC 1), 10=370(LC 1), 13=302(LC 1), 14=436(LC 14), 15=379(LC 14), 12=436(LC 15), 11=379(LC 15)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-348/164, 8-10=-348/164
WEBS 5-13=-261/0, 4-14=-398/118, 3-15=-333/147, 6-12=-398/118, 7-11=-333/145

- NOTES-** (16-17)
- 1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Corner(3) -1-0-0 to 2-0-0, Exterior(2) 2-0-0 to 3-6-0, Corner(3) 3-6-0 to 6-6-0, Exterior(2) 9-6-0 to 11-0-0 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) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - 3) TCLL: ASCE 7-05; Pg= 80.0 psf (ground snow); Pf=61.6 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 17.0 psf or 1.00 times flat roof load of 61.6 psf on overhangs non-concurrent with other live loads.
 - 6) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 7) All plates are 1.5x4 MT20 unless otherwise indicated.
 - 8) Gable requires continuous bottom chord bearing.
 - 9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - 10) Gable studs spaced at 2-0-0 oc.
 - 11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 12) * 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.
 - 13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14, 12 except (jt=lb) 16=104, 10=110, 15=134, 11=131.
 - 14) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - 15) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.
 - 16) Dimensions are in feet-inches-sixteenths
 - 17) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GERVAIS/AUBURN, ME
682591	002	GESI	2	1	B_MGE_E125993_11/7/2016 2:44:40 PM Job Reference (optional)

Boise Cascade, Biddeford, ME 04005, Jordan Berard Run: 7.640 s Feb 22 2016 Print: 7.640 s Feb 22 2016 MiTek Industries, Inc. Tue Nov 08 08:05:12 2016 Page 1
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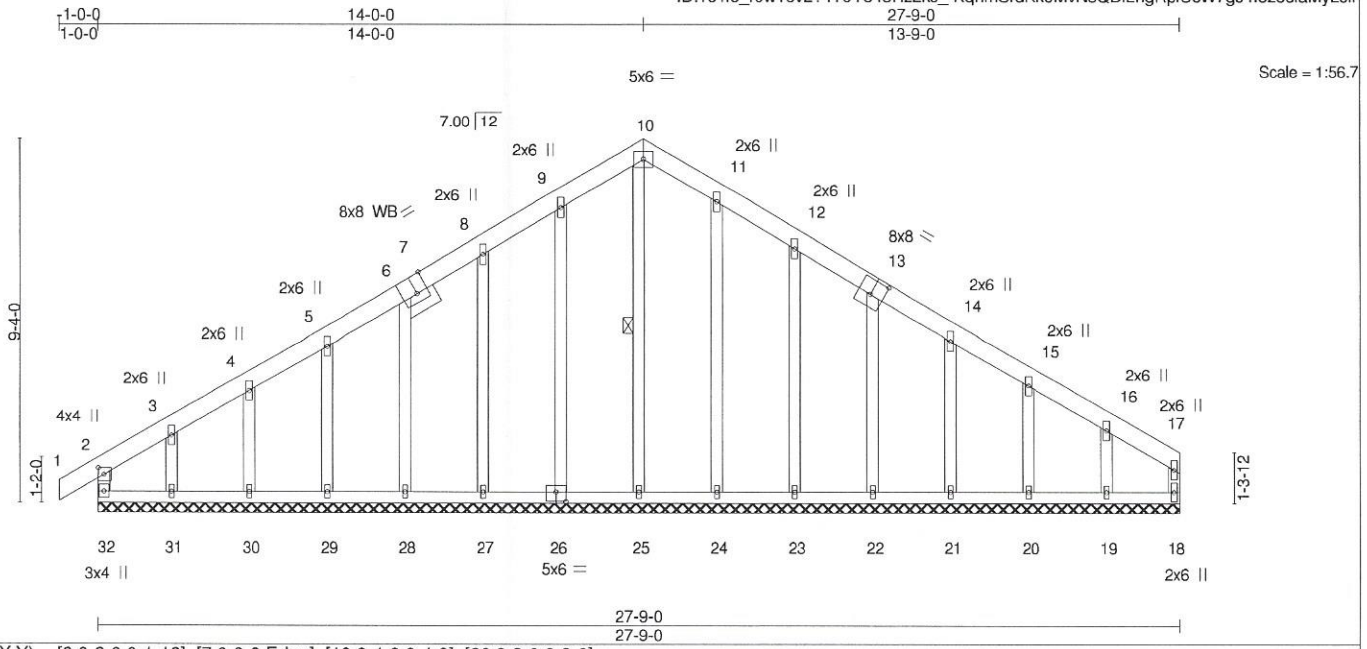


Plate Offsets (X,Y)-- [2:0-2-0,0-1-12], [7:0-3-8,Edge], [13:0-4-0,0-4-8], [26:0-3-0,0-3-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 61.6 (Ground Snow=80.0)	2-0-0	TC 0.15	in (loc) l/defl L/d	MT20	169/123
TCDL 10.0	Plate Grip DOL 1.15	BC 0.08	Vert(LL) -0.00 1 n/r 180		
BCLL 0.0 *	Lumber DOL 1.15	WB 0.57	Vert(TL) -0.00 1 n/r 120		
BCDL 10.0	Rep Stress Incr YES	(Matrix)	Horz(TL) 0.01 18 n/a n/a		
	Code IBC2009/TPI2007			Weight: 156 lb	FT = 0%

LUMBER-	BRACING-
TOP CHORD 2x6 SPF 1650F 1.5E	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
BOT CHORD 2x4 SPF 1650F 1.5E	BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
WEBS 2x4 SPF 1650F 1.5E *Except* W2: 2x4 SPF-S No.2	WEBS 1 Row at midpt 10-25
OTHERS 2x4 SPF-S No.2 *Except* SB1: 2x6 SPF 1650F 1.5E	

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

REACTIONS. All bearings 27-9-0.
(lb) - Max Horz 32=354(LC 8)
Max Uplift All uplift 100 lb or less at joint(s) 18, 26, 27, 28, 29, 30, 24, 23, 22, 21,
20 except 32=233(LC 7), 31=-216(LC 8), 19=-150(LC 7)
Max Grav All reactions 250 lb or less at joint(s) 18 except 32=353(LC 1), 25=288(LC 1),
26=480(LC 14), 27=455(LC 14), 28=379(LC 14), 29=325(LC 1), 30=338(LC 1),
31=257(LC 14), 24=450(LC 15), 23=477(LC 15), 22=395(LC 15), 21=320(LC 1),
20=331(LC 1), 19=316(LC 15)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-32=-334/200, 2-3=-310/287, 7-8=-93/257, 8-9=-116/336, 9-10=-138/384, 10-11=-130/380,
11-12=-134/343, 12-13=-130/263
WEBS 9-26=-440/69, 8-27=-417/134, 6-28=-339/116, 5-29=-286/115, 4-30=-297/124,
11-24=-411/49, 12-23=-437/136, 13-22=-355/118, 14-21=-280/112, 15-20=-289/124,
16-19=-282/151

- NOTES-** (16-17)
- 1) Wind: ASCE 7-05; 100mph; TCCL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Corner(3) -1-0-0 to 1-10-8, Exterior(2) 1-10-8 to 11-0-0, Corner(3) 11-0-0 to 14-0-0, Exterior(2) 17-0-0 to 24-7-4 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) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - 3) TCLL: ASCE 7-05; Pg= 80.0 psf (ground snow); Pf=61.6 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 17.0 psf or 1.00 times flat roof load of 61.6 psf on overhangs non-concurrent with other live loads.
 - 6) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 7) All plates are 1.5x4 MT20 unless otherwise indicated.
 - 8) Gable requires continuous bottom chord bearing.
 - 9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - 10) Gable studs spaced at 2-0-0 oc.
 - 11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 12) * 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.

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	GERVAIS/AUBURN, ME
682591	002	GESI	2	1	B_MGE_E125993_11/7/2016 2:44:40 PM Job Reference (Optional)

Boise Cascade, Biddeford, ME 04005, Jordan Berard

Run: 7.640 s Feb 22 2016 Print: 7.640 s Feb 22 2016 MiTek Industries, Inc. Tue Nov 08 08:05:12 2016 Page 2
ID:1c4fo_r9w1ev274T9Y843Hz2kJ_-KqhmSrdKk0MvNsQDiLhgRplUcW7gJ4IozocfaMyLJlr

NOTES- (16-17)

- 13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 18, 26, 27, 28, 29, 30, 24, 23, 22, 21, 20 except (jt=lb) 32=233, 31=216, 19=150.
- 14) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
- 15) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.
- 16) Dimensions are in feet-inches-sixteenths
- 17) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GERVAIS/AUBURN, ME
682591	003	FINK	12	1	B_PMT_E125993_11/7/2016 2:44:36 PM Job Reference (optional)

Boise Cascade, Biddeford, ME 04005, Jordan Berard Run: 7.640 s Feb 22 2016 Print: 7.640 s Feb 22 2016 MiTek Industries, Inc. Tue Nov 08 08:05:12 2016 Page 1
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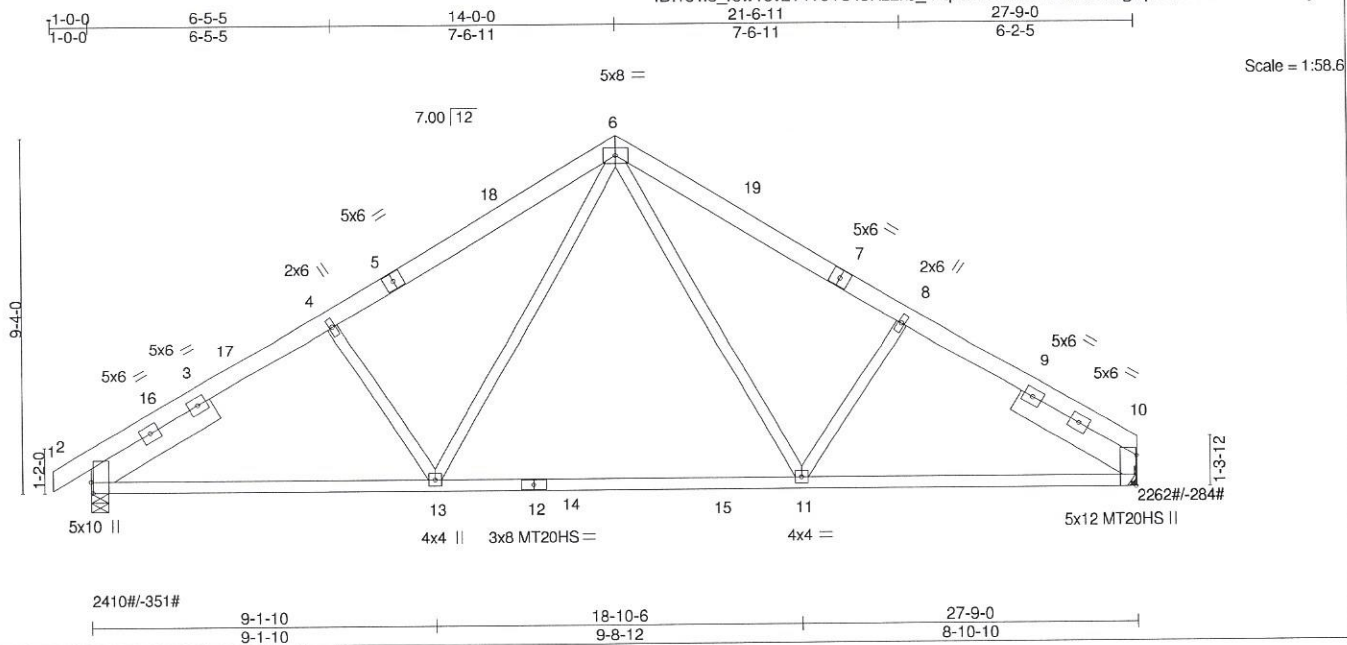


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [10:0-9-6,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 61.6 (Ground Snow=80.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IBC2009/TPI2007	TC 0.81 BC 0.76 WB 0.52 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.40 11-13 >823 240 Vert(TL) -0.66 11-13 >508 180 Horz(TL) 0.11 10 n/a n/a	MT20 MT20HS	169/123 148/108
TCDL 10.0 BCLL 0.0 * BCDL 10.0				Weight: 144 lb FT = 0%	

LUMBER-
TOP CHORD 2x6 SPF 1650F 1.5E
BOT CHORD 2x4 SPF 1650F 1.5E
WEBS 2x4 SPF-S No.2
SLIDER Left 2x8 SP M 23 3-10-0, Right 2x8 SP M 23 3-9-2

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-10-13 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=2410/0-5-8 (min. 0-3-12), 10=2262/Mechanical
Max Horz 2=-374(LC 7)
Max Uplift 2=-351(LC 9), 10=-284(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-16=-3324/447, 3-16=-3076/465, 3-17=-3083/486, 4-17=-2847/488, 4-5=-2822/489,
5-18=-2553/503, 6-18=-2485/525, 6-19=-2442/525, 7-19=-2513/503, 7-8=-2780/489,
8-9=-3029/489, 9-10=-3299/454
BOT CHORD 2-13=-262/2556, 13-14=-54/1801, 12-14=-54/1801, 12-15=-54/1801, 11-15=-54/1801,
10-11=-261/2485
WEBS 4-13=-849/293, 6-13=-152/1024, 6-11=-152/962, 8-11=-790/291

- NOTES-** (14-15)
- 1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 11-0-0, Exterior(2) 11-0-0 to 14-0-0, Interior(1) 17-0-0 to 24-9-0 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; Pg= 80.0 psf (ground snow); Pf=61.6 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 17.0 psf or 1.00 times flat roof load of 61.6 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) All plates are MT20 plates unless otherwise indicated.
 - 7) Plate(s) at joint(s) 6 checked for a plus or minus 3 degree rotation about its center.
 - 8) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 9) * 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, with BCDL = 10.0psf.
 - 10) Refer to girder(s) for truss to truss connections.
 - 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=351, 10=284.
 - 12) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - 13) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.
 - 14) Dimensions are in feet-inches-sixteenths
 - 15) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard

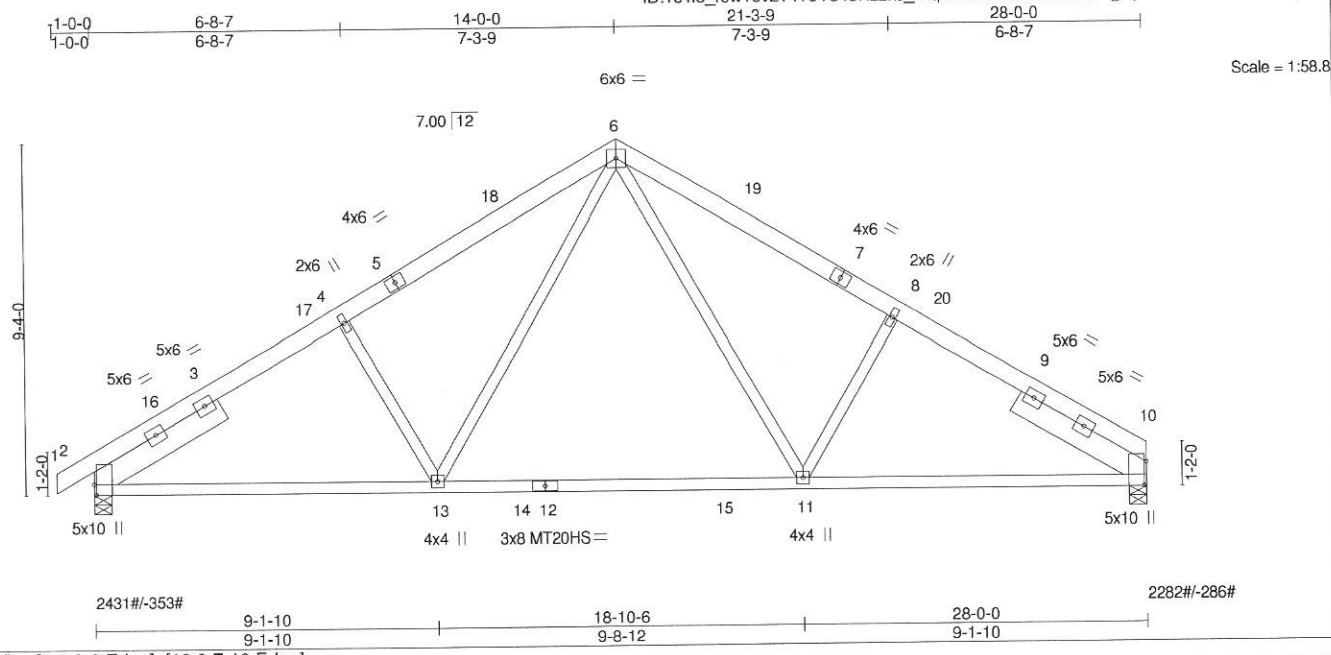


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [10:0-7-10,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 61.6 (Ground Snow=80.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IBC2009/TPI2007	TC 0.74 BC 0.76 WB 0.53 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.40 11-13 >836 240 Vert(TL) -0.65 11-13 >519 180 Horz(TL) 0.11 10 n/a n/a	MT20 MT20HS	169/123 148/108
TCDL 10.0					
BCLL 0.0 *					
BCDL 10.0					
				Weight: 146 lb	FT = 0%

LUMBER-
 TOP CHORD 2x6 SPF 1650F 1.5E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 SPF-S No.2
 SLIDER Left 2x8 SP M 23 3-11-12, Right 2x8 SP M 23 3-11-12

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 3-6-8 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=2431/0-5-8 (min. 0-3-13), 10=2282/0-5-8 (min. 0-3-9)
 Max Horz 2=-374(LC 7)
 Max Uplift 2=-353(LC 9), 10=-286(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-16=-3320/455, 3-16=-3087/455, 3-17=-3093/484, 4-17=-2846/487, 4-5=-2861/498,
 5-18=-2600/518, 6-18=-2543/538, 6-19=-2550/546, 7-19=-2606/525, 7-8=-2868/505,
 8-20=-2853/494, 9-20=-3099/491, 9-10=-3334/461
 BOT CHORD 2-13=-257/2566, 13-14=-57/1829, 12-14=-57/1829, 12-15=-57/1829, 11-15=-57/1829,
 10-11=-268/2576
 WEBS 4-13=-856/293, 6-13=-163/1061, 6-11=-168/1077, 8-11=-871/298

- NOTES-** (12-13)
- 1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 11-0-0, Exterior(2) 11-0-0 to 14-0-0, Interior(1) 17-0-0 to 25-0-0 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; Pg= 80.0 psf (ground snow); Pf=61.6 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 17.0 psf or 1.00 times flat roof load of 61.6 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) All plates are MT20 plates unless otherwise indicated.
 - 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 8) * 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, with BCDL = 10.0psf.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=353, 10=286.
 - 10) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - 11) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.
 - 12) Dimensions are in feet-inches-sixteenths
 - 13) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard

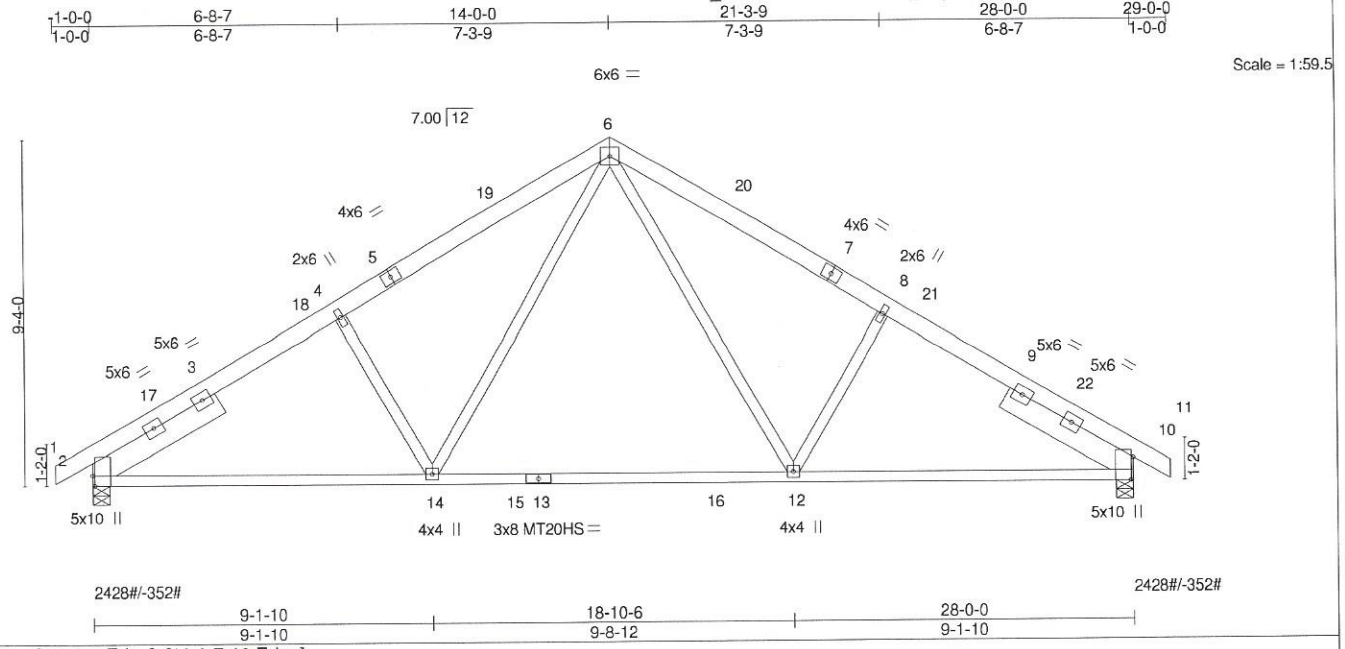


Plate Offsets (X,Y)-- [2:0-3-8,Edge], [10:0-7-10,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 61.6 (Ground Snow=80.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IBC2009/TPI2007	TC 0.74 BC 0.76 WB 0.52 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.40 12-14 >835 240 Vert(TL) -0.65 12-14 >518 180 Horz(TL) 0.11 10 n/a n/a	MT20 MT20HS Weight: 148 lb	169/123 148/108 FT = 0%
TCDL 10.0					
BCLL 0.0 *					
BCDL 10.0					

LUMBER-
 TOP CHORD 2x6 SPF 1650F 1.5E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 SPF-S No.2
 SLIDER Left 2x8 SP M 23 3-11-12, Right 2x8 SP M 23 3-11-12

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 3-6-8 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=2428/0-5-8 (min. 0-3-13), 10=2428/0-5-8 (min. 0-3-13)
 Max Horz 2=370(LC 8)
 Max Uplift 2=-352(LC 9), 10=-352(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-17=-3316/450, 3-17=-3083/450, 3-18=-3088/479, 4-18=-2842/482, 4-5=-2857/493,
 5-19=-2596/513, 6-19=-2539/533, 6-20=-2539/533, 7-20=-2596/513, 7-8=-2857/493,
 8-21=-2842/482, 9-21=-3088/479, 9-22=-3083/450, 10-22=-3316/450
 BOT CHORD 2-14=-275/2562, 14-15=-75/1825, 13-15=-75/1825, 13-16=-75/1825, 12-16=-75/1825,
 10-12=-275/2562
 WEBS 4-14=-861/293, 6-14=-163/1066, 6-12=-163/1066, 8-12=-861/293

- NOTES-** (12-13)
- 1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 11-0-0, Exterior(2) 11-0-0 to 14-0-0, Interior(1) 17-0-0 to 26-0-0 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; Pg= 80.0 psf (ground snow); Pf=61.6 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 17.0 psf or 1.00 times flat roof load of 61.6 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) All plates are MT20 plates unless otherwise indicated.
 - 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 8) * 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, with BCDL = 10.0psf.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=-352, 10=352.
 - 10) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - 11) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.
 - 12) Dimensions are in feet-inches-sixteenths
 - 13) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	GERVAIS/AUBURN, ME
682591	006	GESI	1	1	C_MGE_E125993_11/7/2016 2:44:53 PM Job Reference (optional)

Boise Cascade, Biddeford, ME 04005, Jordan Berard
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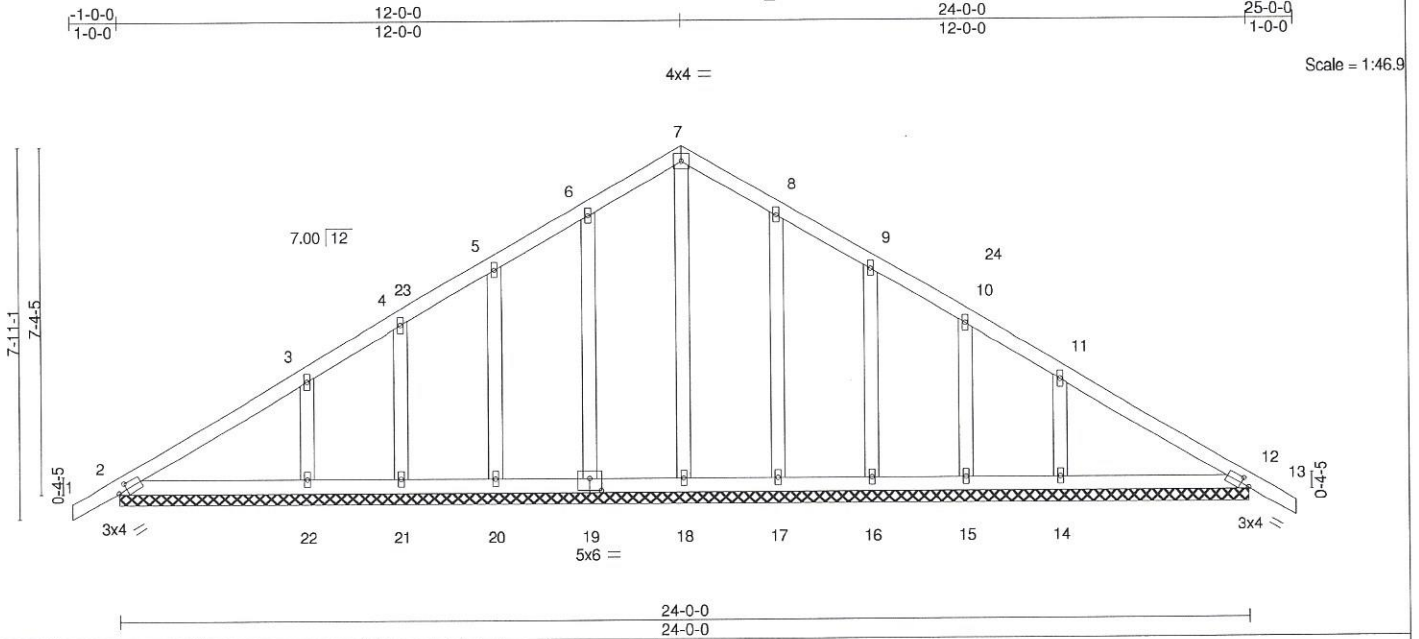


Plate Offsets (X,Y)-- [2:0-2-4,0-1-8], [12:0-2-4,0-1-8], [19:0-3-0,0-3-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 61.6 (Ground Snow=80.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IBC2009/TPI2007	TC 0.24 BC 0.13 WB 0.33 (Matrix)	in (loc) l/defl L/d Vert(LL) 0.01 13 n/r 180 Vert(TL) 0.01 13 n/r 120 Horz(TL) 0.01 12 n/a n/a	MT20	169/123
TCDL 10.0				Weight: 99 lb FT = 0%	
BCLL 0.0 *					
BCDL 10.0					

LUMBER-	BRACING-
TOP CHORD 2x4 SPF 1650F 1.5E	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins.
BOT CHORD 2x4 SPF 1650F 1.5E	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS 2x4 SPF-S No.2	

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

REACTIONS. All bearings 24-0-0.
 (lb) - Max Horz 2=296(LC 8)
 Max Uplift All uplift 100 lb or less at joint(s) 2, 19, 20, 21, 17, 16, 15, 12 except 22=184(LC 9), 14=184(LC 10)
 Max Grav All reactions 250 lb or less at joint(s) 21, 15 except 2=456(LC 1), 18=261(LC 1), 19=467(LC 14), 20=476(LC 14), 22=625(LC 1), 17=467(LC 15), 16=476(LC 15), 14=625(LC 1), 12=456(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
WEBS 6-19=-430/107, 5-20=-426/127, 3-22=-506/213, 8-17=-430/107, 9-16=-426/127, 11-14=-506/212

- NOTES-** (15-16)
- 1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Corner(3) -1-0-0 to 2-0-0, Exterior(2) 2-0-0 to 9-0-0, Corner(3) 9-0-0 to 12-0-0, Exterior(2) 15-0-0 to 22-0-0 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) Truss designed for wind loads in the plane of the truss only. For studs exposed to wind (normal to the face), see Standard Industry Gable End Details as applicable, or consult qualified building designer as per ANSI/TPI 1.
 - 3) TCLL: ASCE 7-05; Pg= 80.0 psf (ground snow); Pf=61.6 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 17.0 psf or 1.00 times flat roof load of 61.6 psf on overhangs non-concurrent with other live loads.
 - 6) This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 7) All plates are 1.5x4 MT20 unless otherwise indicated.
 - 8) Gable requires continuous bottom chord bearing.
 - 9) Gable studs spaced at 2-0-0 oc.
 - 10) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 11) * 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.
 - 12) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 19, 20, 21, 17, 16, 15, 12 except (jt=lb) 22=184, 14=184.
 - 13) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - 14) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.
 - 15) Dimensions are in feet-inches-sixteenths
 - 16) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard

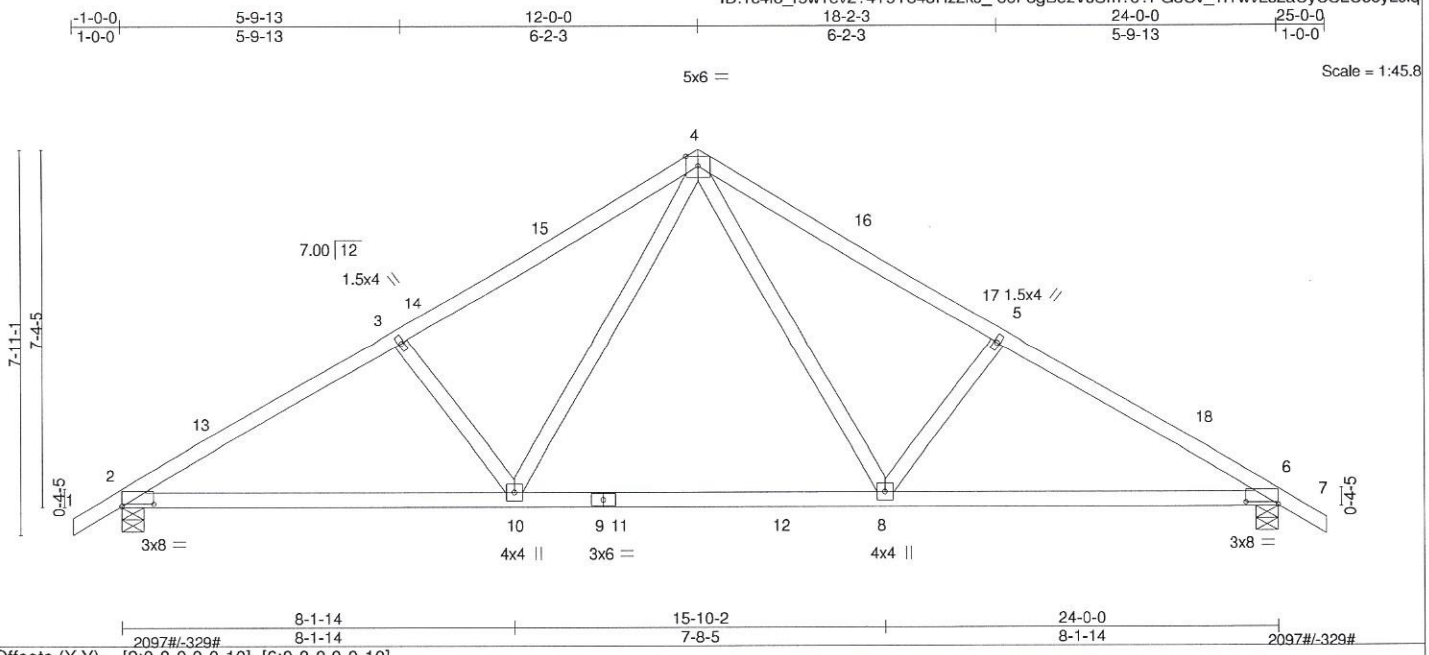


Plate Offsets (X,Y)-- [2:0-8-0,0-0-10], [6:0-8-0,0-0-10]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 61.6 (Ground Snow=80.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15 Rep Stress Incr YES Code IBC2009/TPI2007	TC 0.95 BC 0.60 WB 0.38 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.19 8-10 >999 240 Vert(TL) -0.29 8-10 >977 180 Horz(TL) 0.09 6 n/a n/a	MT20	169/123
TCDL 10.0				Weight: 85 lb FT = 0%	
BCLL 0.0 *					
BCDL 10.0					

LUMBER-
 TOP CHORD 2x4 SPF 2100F 1.8E
 BOT CHORD 2x4 SPF 1650F 1.5E
 WEBS 2x4 SPF-S No.2

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

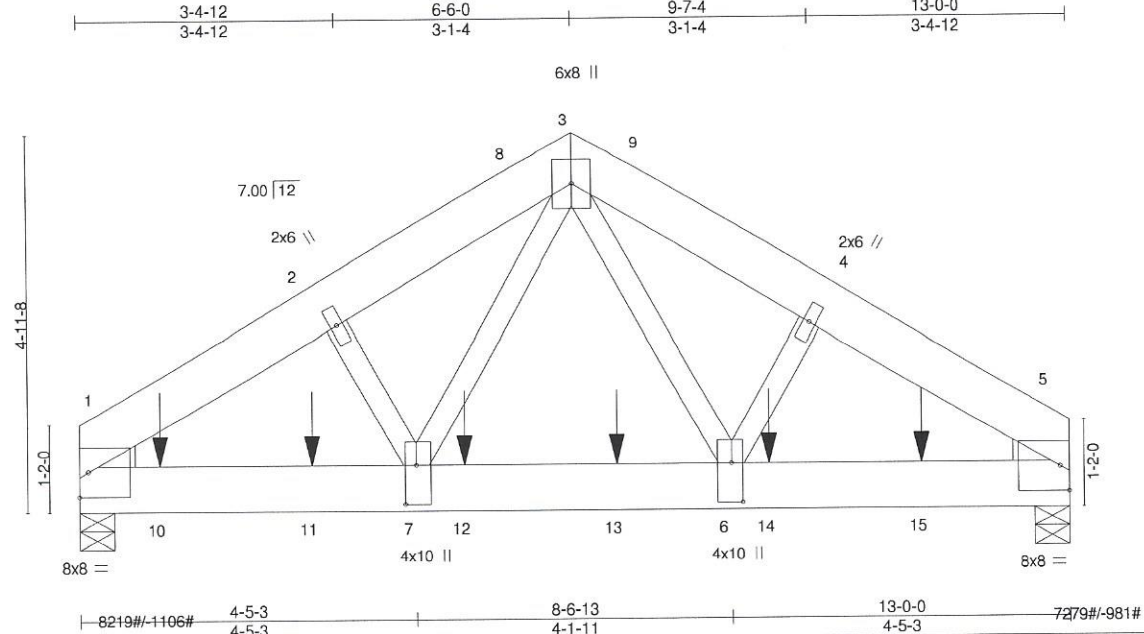
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=2097/0-5-8 (min. 0-3-5), 6=2097/0-5-8 (min. 0-3-5)
 Max Horz 2=296(LC 8)
 Max Uplift 2=-329(LC 9), 6=-329(LC 10)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-13=-3093/410, 3-13=-2722/441, 3-14=-2618/424, 14-15=-2382/440, 4-15=-2373/458,
 4-16=-2373/458, 16-17=-2382/440, 5-17=-2618/424, 5-18=-2722/441, 6-18=-3093/410
 BOT CHORD 2-10=-246/2488, 9-10=-33/1622, 9-11=-33/1622, 11-12=-33/1622, 8-12=-33/1622,
 6-8=-240/2488
 WEBS 3-10=-940/265, 4-10=-143/1059, 4-8=-143/1059, 5-8=-940/265

- NOTES-** (11-12)
- 1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone and C-C Exterior(2) -1-0-0 to 2-0-0, Interior(1) 2-0-0 to 9-0-0, Exterior(2) 9-0-0 to 12-0-0, Interior(1) 15-0-0 to 22-0-0 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; Pg= 80.0 psf (ground snow); Pf=61.6 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 17.0 psf or 1.00 times flat roof load of 61.6 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, with BCDL = 10.0psf.
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=329, 6=329.
 - 9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - 10) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.
 - 11) Dimensions are in feet-inches-sixteenths
 - 12) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard



Scale = 1:29.0

Plate Offsets (X,Y)-- [6:0-6-4,0-1-12], [7:0-6-4,0-1-12]

LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL 61.6 (Ground Snow=80.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.63 BC 0.50 WB 0.70 (Matrix)	in (loc) l/defl L/d Vert(LL) -0.06 6-7 >999 240 Vert(TL) -0.09 6-7 >999 180 Horz(TL) 0.03 5 n/a n/a	MT20	169/123
TCDL 10.0	Rep Stress Incr NO			Weight: 204 lb FT = 0%	
BCLL 0.0 *	Code IBC2009/TPI2007				
BCDL 10.0					

LUMBER-
 TOP CHORD 2x8 SP M 23
 BOT CHORD 2x8 SP M 23
 WEBS 2x4 SPF-S No.2
 WEDGE
 Left: 2x4 SPF-S No.2, Right: 2x4 SPF-S No.2

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 4-11-2 oc purlins.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 1=8219/0-5-8 (min. 0-3-6), 5=7279/0-5-8 (min. 0-3-0)
 Max Horz 1=179(LC 16)
 Max Uplift 1=-1106(LC 8), 5=-981(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-2=-9176/1232, 2-8=-8799/1241, 3-8=-8588/1255, 3-9=-8538/1249, 4-9=-8749/1236,
 4-5=-9138/1228
 BOT CHORD 1-10=-964/7146, 10-11=-964/7146, 7-11=-964/7146, 7-12=-698/5728, 12-13=-698/5728,
 6-13=-698/5728, 6-14=-899/7083, 14-15=-899/7083, 5-15=-899/7083
 WEBS 3-6=-625/4358, 4-6=-225/1334, 3-7=-636/4447, 2-7=-216/1279

- NOTES-** (16-17)
- Special connection required to distribute top chord loads equally between all plies.
 - Special connection required to distribute bottom chord loads equally between all plies.
 - Special connection required to distribute web loads equally between all plies.
 - 2-ply truss to be connected together with 8d (0.131"x2.5") nails as follows:
 Top chords connected as follows: 2x8 - 2 rows staggered at 1-0-0 oc.
 Bottom chords connected as follows: 2x8 - 2 rows staggered at 0-4-0 oc.
 Webs connected as follows: 2x4 - 1 row at 1-0-0 oc.
 - All loads are considered equally applied to all plies, except if noted as front (F) or back (B) face in the LOAD CASE(S) section. Ply to ply connections have been provided to distribute only loads noted as (F) or (B), unless otherwise indicated.
 - Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) gable end zone; cantilever left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
 - TCLL: ASCE 7-05; Pg= 80.0 psf (ground snow); Pf=61.6 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=1106, 5=981.
 - This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

Job 682591	Truss 301	Truss Type GIRDER	Qty 2	Ply 2	GERVAIS/AUBURN, ME A_PMT_E125993_11/7/2016 2:44:07 PM Job Reference (optional)
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Boise Cascade, Biddeford, ME 04005, Jordan Berard

Run: 7.640 s Feb 22 2016 Print: 7.640 s Feb 22 2016 MiTek Industries, Inc. Tue Nov 08 08:05:14 2016 Page 2
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NOTES- (16-17)

- 15) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 2242 lb down and 296 lb up at 1-0-12, 2242 lb down and 296 lb up at 3-0-12, 2242 lb down and 296 lb up at 5-0-12, 2242 lb down and 296 lb up at 7-0-12, and 2242 lb down and 296 lb up at 9-0-12, and 2242 lb down and 296 lb up at 11-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 16) Dimensions are in feet-inches-sixteenths
- 17) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard

- 1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
- Uniform Loads (plf)
- Vert: 1-3=-143, 3-5=-143, 1-5=-20
- Concentrated Loads (lb)
- Vert: 10=-2242(B) 11=-2242(B) 12=-2242(B) 13=-2242(B) 14=-2242(B) 15=-2242(B)

Boise Cascade, Biddeford, ME 04005, Jordan Berard

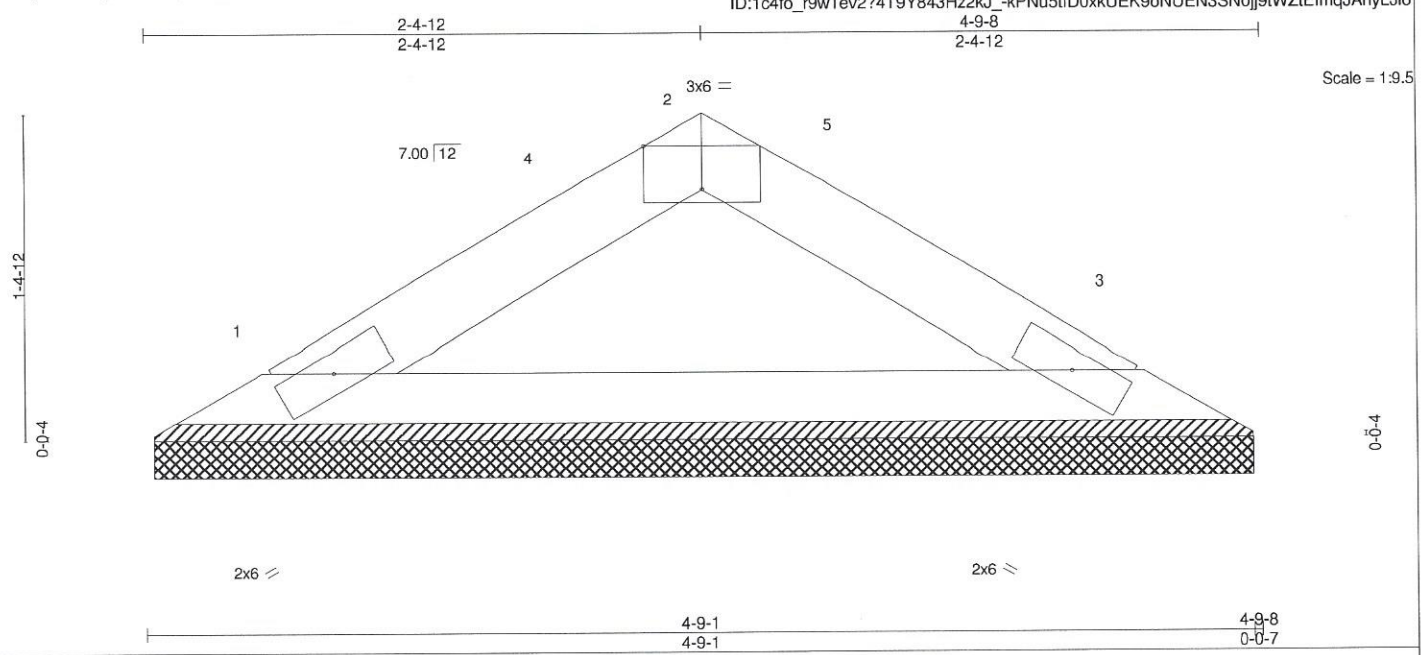


Plate Offsets (X,Y)-- [2:0-3-0,Edge]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	I/defl	L/d	PLATES	GRIP
TCLL 61.6 (Ground Snow=80.0)	2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.09 BC 0.11 WB 0.00 (Matrix)	Vert(LL) n/a Vert(TL) n/a Horz(TL) 0.00	- - 3	n/a n/a n/a	999 999 n/a	MT20	197/144
TCDL 10.0	Rep Stress Incr YES Code IBC2009/TPI2007							
BCLL 0.0 *							Weight: 10 lb	FT = 0%
BCDL 10.0								

LUMBER-
 TOP CHORD 2x4 SPF 1650F 1.5E
 BOT CHORD 2x4 SPF 1650F 1.5E

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 4-9-8 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) 1=303/4-8-11 (min. 0-1-8), 3=303/4-8-11 (min. 0-1-8)
 Max Horz 1=-45(LC 7)
 Max Uplift 1=-58(LC 9), 3=-58(LC 9)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 1-4=-317/90, 3-5=-317/90

- NOTES-** (11-12)
- 1) Wind: ASCE 7-05; 100mph; TCDL=6.0psf; BCDL=6.0psf; h=35ft; Cat. II; Exp C; enclosed; MWFRS (low-rise) automatic 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; Pg= 80.0 psf (ground snow); Pf=61.6 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 basic load combinations, which include cases with reductions for multiple concurrent live loads.
 - 5) Gable requires continuous bottom chord bearing.
 - 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
 - 9) This truss is designed in accordance with the 2009 International Building Code section 2306.1 and referenced standard ANSI/TPI 1.
 - 10) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.
 - 11) Dimensions are in feet-inches-sixteenths
 - 12) Drawing prepared exclusively for manufacturing by Boise Cascade.

LOAD CASE(S) Standard