Job	Truss	Truss Type	Qty	Ply	WSU/Net Zero T
A39428	A1G	GABLE	2	1	Job Reference (optional)

Automated Structures, Ogden, UT, 84401, Nate Carter
8.000 s Jan 15 2016 MiTek Industries, Inc. Tue Feb 02 15:11:38 2016 Page 1
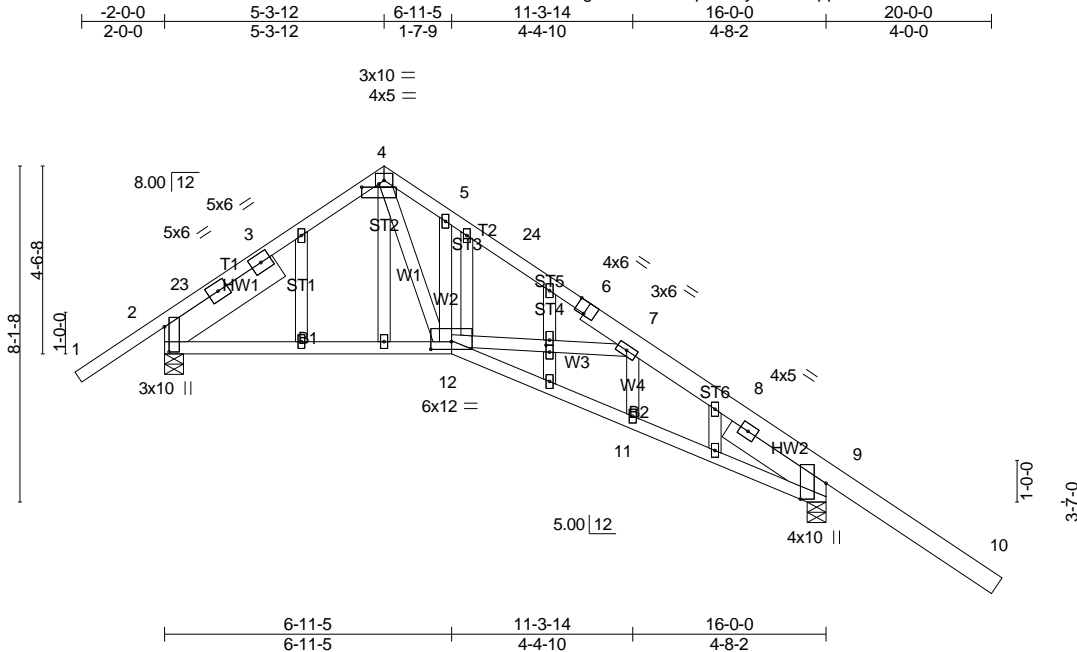ID:geZ0X5T6znXpxwxuyD05NlzqqRI-dvC4VVIcAxbU?mPGIa71P95qtl?nOoBG?Bw04Rzp7TZ

Scale = 1:55.7

Plate Offsets (X,Y)-- [2:0-7-5,0-1-5], [4:0-5-0,0-1-0], [6:0-3-0,Edge], [9:0-4-9,Edge], [12:0-6-0,0-2-4], [17:0-1-8,0-1-0]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plate Grip DOL	1.15	TC	0.43	Vert(LL)	-0.06	11-12	>999	240	MT20	185/144
(Roof Snow=30.0)		Lumber DOL	1.15	BC	0.43	Vert(TL)	-0.11	2-12	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.34	Horz(TL)	0.06	9	n/a	n/a		
BCLL	0.0 *	Code IRC2012/TPI2007		(Matrix)							Weight: 105 lb	FT = 20%
BCDL	5.0											

LUMBER-
TOP CHORD 2x4 HF No.2 *Except*
T3: 2x6 DF 1800F 1.6E
BOT CHORD 2x4 HF No.2
WEBS   2x4 SPF Stud
OTHERS   2x4 SPF Stud
SLIDER   Left 2x8 HF SS 3-3-13, Right 2x6 DF 1800F 1.6E 2-10-13

BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-3-9 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=847/0-5-8 (min. 0-1-8), 9=1088/0-5-8 (min. 0-1-9)
Max Horz 2=-200(LC 12)
Max Uplift2=-155(LC 12), 9=-371(LC 12)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-23=-819/99, 3-23=-769/103, 3-4=-624/131, 4-5=-998/215, 5-24=-892/123,
6-24=-934/109, 6-7=-1011/98, 7-8=-1235/202, 8-9=-1379/176
BOT CHORD 2-12=0/546, 11-12=-2/1003, 9-11=0/1001
WEBS   4-12=-133/779, 5-12=-316/149, 7-12=-403/161

NOTES-
1) Wind: ASCE 7-10; Vult=120mph (3-second gust) V(IRC2012)=95mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; enclosed; MWFRS (directional) and C-C Exterior(2) -2-1-0 to 0-11-0, Interior(1) 0-11-0 to 5-3-12, Exterior(2) 5-3-12 to 8-3-12 zone; cantilever left and right exposed ; end vertical 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 7-10; Pf=30.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
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 30.0 psf on overhangs non-concurrent with other live loads.
5) All plates are 2x4 MT20 unless otherwise indicated.
6) Gable studs spaced at 2-0-0 oc.
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.
9) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
10) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 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.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WSU/Net Zero T
A39428	A2	COMMON MC	4	1	
					Job Reference (optional)

Automated Structures, Ogden, UT, 84401, Nate Carter

8.000 s Jan 15 2016 MiTek Industries, Inc. Tue Feb 02 15:11:39 2016 Page 1
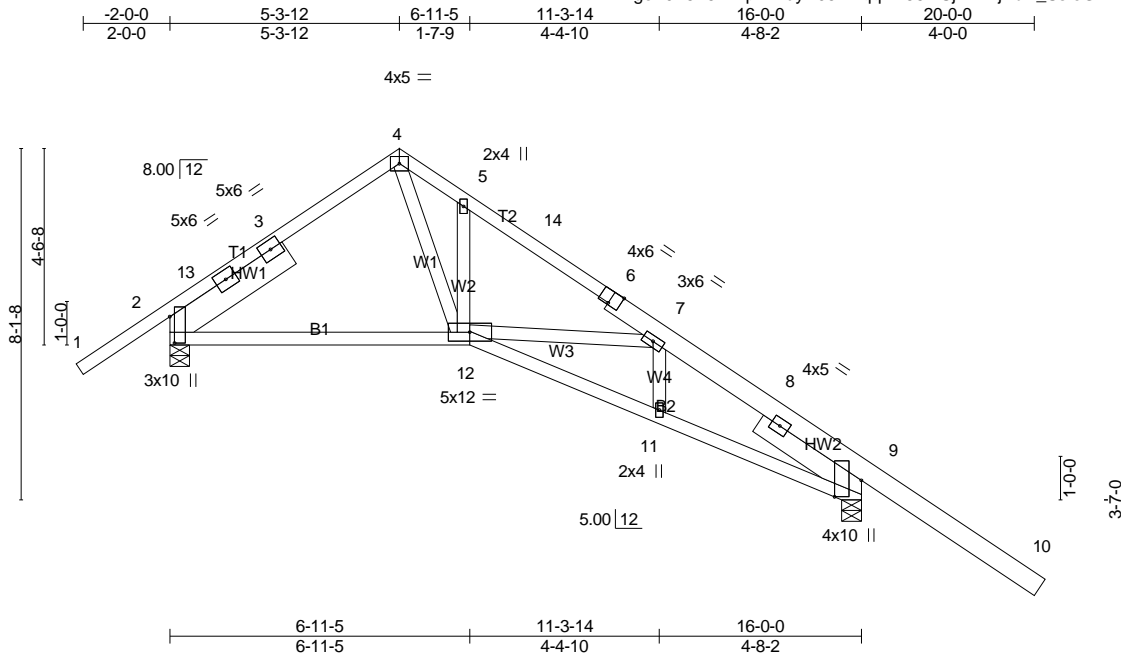ID:geZ0X5T6znXpxwxuyD05NlzqqRI-56mSjrIExFjKdw_SsIeGxMd?c8L07FRPErfZctzp7TY

Scale = 1:53.3

Plate Offsets (X,Y)-- [2:0-7-5,0-1-5], [6:0-3-0,Edge], [9:0-4-9,Edge]

LOADING (psf)	SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 30.0	Plate Grip DOL	1.15	TC	0.43	Vert(LL)	-0.06	11-12	>999	240	MT20	185/144
(Roof Snow=30.0)	Lumber DOL	1.15	BC	0.43	Vert(TL)	-0.11	2-12	>999	180		
TCDL 10.0	Rep Stress Incr	YES	WB	0.34	Horz(TL)	0.06	9	n/a	n/a		
BCLL 0.0 *	Code IRC2012/TPI2007		(Matrix)							Weight: 92 lb	FT = 20%
BCDL 5.0											

LUMBER-
TOP CHORD 2x4 HF No.2 *Except*
  T3: 2x6 DF 1800F 1.6E
BOT CHORD 2x4 HF No.2
WEBS   2x4 SPF Stud
SLIDER   Left 2x8 HF SS 3-3-13, Right 2x6 DF 1800F 1.6E 2-10-13

BRACING-
TOP CHORD   Structural wood sheathing directly applied or 5-3-9 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=847/0-5-8 (min. 0-1-8), 9=1088/0-5-8 (min. 0-1-9)
Max Horz 2=-200(LC 12)
Max Uplift2=-155(LC 12), 9=-371(LC 12)

FORCES.   (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   2-13=-819/99, 3-13=-769/103, 3-4=-624/131, 4-5=-998/215, 5-14=-892/123,
             6-14=-934/109, 6-7=-1011/98, 7-8=-1235/202, 8-9=-1379/176
BOT CHORD   2-12=0/546, 11-12=-2/1003, 9-11=0/1001
WEBS   4-12=-133/779, 5-12=-316/149, 7-12=-403/161

NOTES-
1) Wind: ASCE 7-10; Vult=120mph (3-second gust) V(IRC2012)=95mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; B=45ft; L=24ft;
   eave=4ft; Cat. II; Exp C; enclosed; MWFRS (directional) and C-C Exterior(2) -2-1-0 to 0-11-0, Interior(1) 0-11-0 to 5-3-12, Exterior(2)
   5-3-12 to 8-3-12 zone; cantilever left and right exposed ; end vertical 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 7-10; Pf=30.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
3) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 30.0 psf on overhangs
   non-concurrent with other live loads.
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) Bearing at joint(s) 9 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify
   capacity of bearing surface.
7) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and
   referenced standard ANSI/TPI 1.
8) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WSU/Net Zero T
A39428	B1	GIRDER	2	**2**	Job Reference (optional)

Automated Structures, Ogden, UT, 84401, Nate Carter
8.000 s Jan 15 2016 MiTek Industries, Inc. Tue Feb 02 15:11:40 2016 Page 1
ID:geZ0X5T6znXpxwxuyD05NlzqqRI-ZlKqwBJsiYrBE4ZeQ?9VUaABfYh6sfcZSVP79Jzp7TX

Scale = 1:64.7

Plate Offsets (X,Y)-- [2:0-5-5,0-1-4], [9:0-8-4,0-4-4], [11:0-1-14,0-3-11], [15:0-5-4,0-3-8]

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plate Grip DOL	1.15	TC	0.35	Vert(LL)	-0.09	13-14	>999	240	MT20	185/144
(Roof Snow=30.0)		Lumber DOL	1.15	BC	0.44	Vert(TL)	-0.15	13-14	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.53	Horz(TL)	0.07	11	n/a	n/a		
BCLL	0.0 *	Code IRC2012/TPI2007		(Matrix)							Weight: 278 lb	FT = 20%
BCDL	5.0											

LUMBER-
TOP CHORD 2x4 HF No.2 *Except*
   T3: 2x6 DF 1800F 1.6E
BOT CHORD 2x6 DF 1800F 1.6E
WEBS   2x4 SPF Stud *Except*
   W8: 2x6 DF 1800F 1.6E
SLIDER   Left 2x6 DF 1800F 1.6E 2-2-5, Right 2x4 SPF Stud 2-10-4

BRACING-
TOP CHORD   Structural wood sheathing directly applied or 6-0-0 oc purlins,
   except end verticals. Except:
   6-0-0 oc bracing: 7-9
BOT CHORD   Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size)   2=1314/0-5-8 (min. 0-1-8), 11=2261/0-5-8 (min. 0-1-8)
   Max Horz 2=-143(LC 8)
   Max Uplift2=-299(LC 10), 11=-886(LC 10)
   Max Grav 2=1333(LC 27), 11=2302(LC 29)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   2-3=-1516/240, 3-4=-1425/264, 4-17=-1374/288, 5-17=-1315/300, 5-6=-1160/318,
   9-13=-468/1018, 7-9=-517/158, 9-19=-4467/1355, 19-20=-4565/1341, 10-20=-4574/1338,
   10-11=-4638/1351
BOT CHORD   2-16=-181/1112, 15-16=-181/1112, 14-15=-164/1197, 13-14=-985/4103, 11-13=-855/3742
WEBS   5-15=-80/505, 5-14=-715/160, 6-14=-712/2477, 6-9=-2062/589, 9-14=-2968/820

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
  Top chords connected as follows: 2x4 - 1 row at 0-9-0 oc, 2x6 - 2 rows staggered at 0-9-0 oc.
  Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
  Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) 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.
3) Wind: ASCE 7-10; Vult=120mph (3-second gust) V(IRC2012)=95mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; B=45ft; L=24ft;
  eave=4ft; Cat. II; Exp C; enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed;
  Lumber DOL=1.60 plate grip DOL=1.60
4) TCLL: ASCE 7-10; Pf=30.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
5) Unbalanced snow loads have been considered for this design.
6) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 30.0 psf on overhangs
  non-concurrent with other live loads.
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.
9) Bearing at joint(s) 11 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify
  capacity of bearing surface.
10) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 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.

PDF created with pdfFactory trial version www.pdffactory.com

Job	Truss	Truss Type	Qty	Ply	WSU/Net Zero T
A39428	B1	GIRDER	2	**2**	Job Reference (optional)

Automated Structures, Ogden, UT, 84401, Nate Carter

8.000 s Jan 15 2016 MiTek Industries, Inc. Tue Feb 02 15:11:40 2016 Page 2
ID:geZ0X5T6znXpxwxuyD05NlzqqRI-ZlKqwBJsiYrBE4ZeQ?9VUaABfYh6sfcZSVP79Jzp7TX

NOTES-

12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1461 lb down and 571 lb up at 11-3-2 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
    Uniform Loads (plf)
        Vert: 1-6=-80, 6-7=-80, 7-8=-80, 9-12=-80, 2-15=-10, 11-15=-10
    Concentrated Loads (lb)
        Vert: 13=-1461(B)
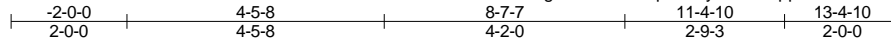
Scale = 1:39.9
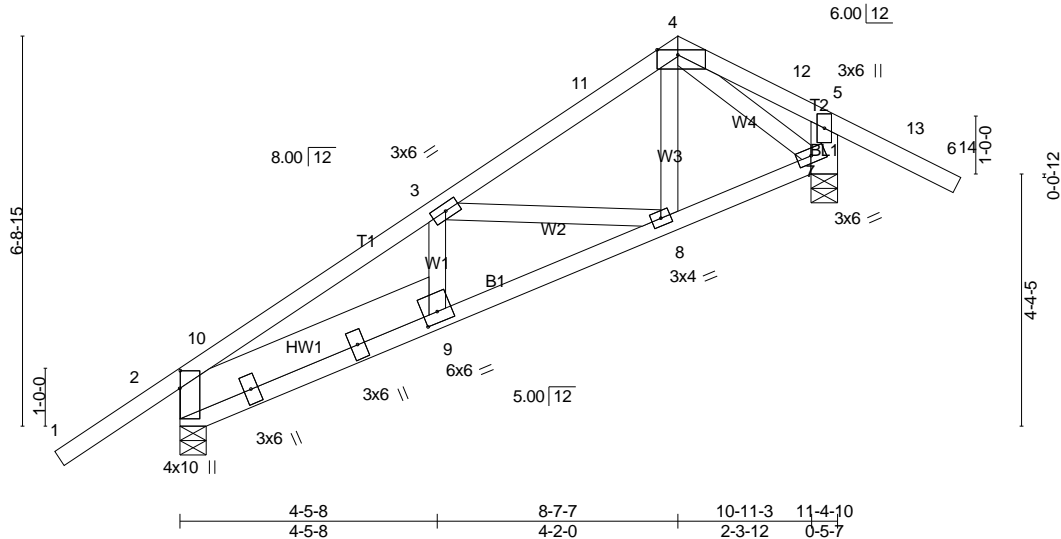
Plate Offsets (X,Y)-- [2:0-3-11,0-0-2], [4:0-4-5,Edge], [9:0-3-0,0-2-4]

LOADING (psf)	SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 30.0	Plate Grip DOL	1.15	TC	0.43	Vert(LL)	-0.02	8-9	>999	240	MT20	185/144
(Roof Snow=30.0)	Lumber DOL	1.15	BC	0.19	Vert(TL)	-0.04	8-9	>999	180		
TCDL 10.0	Rep Stress Incr	YES	WB	0.16	Horz(TL)	0.01	7	n/a	n/a		
BCLL 0.0 *	Code IRC2012/TPI2007		(Matrix)								
BCDL 5.0										Weight: 62 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 HF No.2
BOT CHORD 2x4 HF No.2
WEBS   2x4 SPF Stud
OTHERS   2x6 DF 1800F 1.6E
SLIDER   Left 2x8 HF SS 4-11-1

BRACING-
TOP CHORD   Structural wood sheathing directly applied or 5-7-3 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=665/0-5-8 (min. 0-1-8), 7=689/0-5-8 (min. 0-1-8)
Max Horz 2=135(LC 14)
Max Uplift2=-168(LC 14), 7=-199(LC 14)
Max Grav 2=668(LC 19), 7=689(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   2-10=-976/215, 3-10=-860/247, 3-11=-457/136, 4-11=-334/148, 5-7=-310/146
BOT CHORD   2-9=-273/761, 8-9=-272/763, 7-8=-13/335
WEBS   3-8=-417/235, 4-7=-544/297

NOTES-
1) Wind: ASCE 7-10; Vult=120mph (3-second gust) V(IRC2012)=95mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; enclosed; MWFRS (directional) and C-C Exterior(2) -2-1-0 to 0-11-0, Interior(1) 0-11-0 to 8-7-7, Exterior(2) 8-7-7 to 12-10-6 zone; cantilever left and right exposed ; end vertical 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 7-10; Pf=30.0 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 30.0 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, 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

LOAD CASE(S) Standard

Scale: 3/8"=1'

LOADING (psf)		SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL	30.0	Plate Grip DOL	1.15	TC	0.45	Vert(LL)	0.00	6	>999	240	MT20	185/144
(Roof Snow=30.0)		Lumber DOL	1.15	BC	0.05	Vert(TL)	0.00	6	>999	180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.16	Horz(TL)	-0.00	5	n/a	n/a		
BCLL	0.0 *	Code IRC2012/TPI2007		(Matrix)								
BCDL	5.0										Weight: 37 lb	FT = 20%

LUMBER-
TOP CHORD   2x6 DF 1800F 1.6E
BOT CHORD   2x4 HF No.2
WEBS   2x4 SPF Stud

BRACING-
TOP CHORD   Structural wood sheathing directly applied or 4-7-6 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) 7=705/0-5-8 (min. 0-1-8), 5=26/Mechanical
Max Horz 7=221(LC 12)
Max Uplift7=-297(LC 12), 5=-104(LC 16)
Max Grav 7=705(LC 1), 5=70(LC 8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   2-7=-699/555
BOT CHORD   6-7=-343/308, 5-6=-342/324
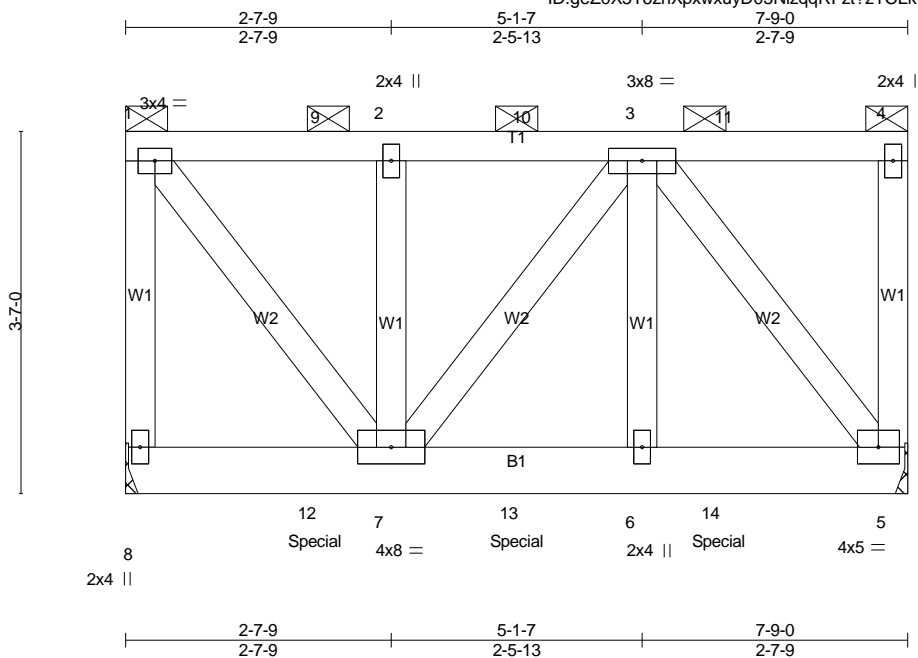WEBS   2-6=-313/523, 3-5=-286/316

NOTES-
1) Wind: ASCE 7-10; Vult=120mph (3-second gust) V(IRC2012)=95mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; enclosed; MWFRS (directional) and C-C Exterior(2) -4-1-8 to -1-1-8, Interior(1) -1-1-8 to 4-5-10 zone; cantilever left and right exposed ; end vertical 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 7-10; Pf=30.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
3) This truss has been designed for greater of min roof live load of 16.0 psf or 1.00 times flat roof load of 30.0 psf on overhangs non-concurrent with other live loads.
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) Refer to girder(s) for truss to truss connections.
7) Bearing at joint(s) 7 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
8) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
9) "Semi-rigid pitchbreaks with fixed heels" Member end fixity model was used in the analysis and design of this truss.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	**Ply**	WSU/Net Zero T
A39428	E1	Flat Girder	1	**2**	Job Reference (optional)

Automated Structures, Ogden, UT, 84401, Nate Carter
8.000 s Jan 15 2016 MiTek Industries, Inc. Tue Feb 02 15:11:43 2016 Page 1
ID:geZ0X5T6znXpxwxuyD05NlzqqRI-zt?zYCLk?TDm5XHD57iC6CoizmnS33Y?9Tdnlezp7TU

Scale = 1:22.8

LOADING (psf)		**SPACING-**	2-0-0	**CSI.**		**DEFL.**	in	(loc)	l/defl	L/d	**PLATES**	**GRIP**
TCLL	30.0	Plate Grip DOL	1.15	TC	0.35	Vert(LL)	-0.01	7	>999	240	MT20	185/144
(Roof Snow=30.0)		Lumber DOL	1.15	BC	0.08	Vert(TL)	-0.02	6-7	>999	180		
TCDL	10.0	Rep Stress Incr	NO	WB	0.33	Horz(TL)	0.00	5	n/a	n/a		
BCLL	0.0 *	Code IRC2012/TPI2007		(Matrix)							Weight: 101 lb	FT = 20%
BCDL	5.0											

LUMBER-
TOP CHORD 2x4 HF No.2
BOT CHORD 2x6 DF 1800F 1.6E
WEBS   2x4 SPF Stud

BRACING-
TOP CHORD   2-0-0 oc purlins (6-0-0 max.): 1-4, except end verticals.
BOT CHORD   Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 8=1471/Mechanical, 5=1541/Mechanical
Max Horz 8=-126(LC 4)
Max Uplift8=-561(LC 4), 5=-582(LC 5)
Max Grav 8=1594(LC 26), 5=1710(LC 26)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD   1-8=-1520/540, 1-9=-1056/355, 2-9=-1056/355, 2-10=-1056/355, 3-10=-1056/355
BOT CHORD   7-13=-402/1101, 6-13=-402/1101, 6-14=-402/1101, 5-14=-402/1101
WEBS   1-7=-591/1665, 2-7=-1222/387, 3-5=-1782/610

NOTES-
1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
   Top chords connected as follows: 2x4 - 1 row at 0-5-0 oc.
   Bottom chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc.
   Webs connected as follows: 2x4 - 1 row at 0-9-0 oc.
2) 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.
3) Wind: ASCE 7-10; Vult=120mph (3-second gust) V(IRC2012)=95mph; TCDL=6.0psf; BCDL=3.0psf; h=25ft; B=45ft; L=24ft; eave=4ft; Cat. II; Exp C; enclosed; MWFRS (directional); cantilever left and right exposed ; end vertical left and right exposed; Lumber DOL=1.60 plate grip DOL=1.60
4) TCLL: ASCE 7-10; Pf=30.0 psf (flat roof snow); Category II; Exp C; Partially Exp.; Ct=1.1
5) Provide adequate drainage to prevent water ponding.
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) Refer to girder(s) for truss to truss connections.
9) This truss is designed in accordance with the 2012 International Residential Code sections R502.11.1 and R802.10.2 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) Graphical purlin representation does not depict the size or the orientation of the purlin along the top and/or bottom chord.
12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 751 lb down and 212 lb up at 2-0-0, and 751 lb down and 212 lb up at 4-0-0, and 751 lb down and 212 lb up at 6-0-0 on top chord, and 106 lb down and 63 lb up at 1-10-8, and 106 lb down and 63 lb up at 3-10-8, and 106 lb down and 63 lb up at 5-10-8 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	WSU/Net Zero T
A39428	E1	Flat Girder	1	**2**	Job Reference (optional)

Automated Structures, Ogden, UT, 84401, Nate Carter

8.000 s Jan 15 2016 MiTek Industries, Inc. Tue Feb 02 15:11:43 2016 Page 2
ID:geZ0X5T6znXpxwxuyD05NlzqqRI-zt?zYCLk?TDm5XHD57iC6CoizmnS33Y?9Tdnlezp7TU

LOAD CASE(S) Standard
1) Dead + Snow (balanced): Lumber Increase=1.15, Plate Increase=1.15
   Uniform Loads (plf)
      Vert: 1-4=-110(F=-30), 5-8=-10
   Concentrated Loads (lb)
      Vert: 9=-690(F) 10=-690(F) 11=-690(F) 12=-16(F) 13=-16(F) 14=-16(F)