Job	Truss	Truss Type		Qty	Ply	LOT 7	WOODBU	IRY FARM	
J0321-1553	A1	Common		1	1				
Comtoch Inc. Fouct	teville, NC 28309, Bob Lewis		Pup: 9 200 c Mor 2	2 2010 Prints	9 200 c Ma		erence (optiona		24 15:08:57 2021 Page 1
Comtecn, Inc., Fayet					3j_xrZlawB	Ne_4zXIAc	-QwnCfdwqW	vNONp3YxyaxRP	DRieP_?HC4xNyUstzXiAc
	-0 <u>-10-8</u> 0-10-8	7-6-8	14-11-0		22-3-		27-1-0		
	0-10-8	7-6-8	7-4-8		7-4-8	3	4-9-8	3	
				5x8					Scale = 1:73.2
			10.00 12	5					
			10.00 12						
			т2/	/// \\`	72				
		4x	6 1/	$/\!/$		<i>\</i> \	1x6 ◇		
		2x4 \\	4 W2	// \	//	6	3x4 ◇		
	15	3	// "	/	//		7		
	13-5-15	_//	*\		κk	,	T3.		
	`		\\		//	//		3x4	
		71/	\\		//	//	\W5\	8	
			wxx //		//	XX/4	1/2	No.	
	2	//	\\		//		//	3-2-8	
	9,1	HW1	B1 (b)		//	W B2		W	
	0-4-0			•					
	4x12	l	13	12		11		10 ⁹	
			3x4 =	4x6	= 3	3x4 =		4x12 =	
	⊢	10-6-0		19-4-0		1	27-1-0		
Plate Offsets (X Y)-	[2:0-0-13,0-1-0], [2:0-1-1	10-6-0 11 0-4-13] [2:0-5-8 Edd	iel	8-10-0		•	7-9-0	'	
					. , .	.,	. , .		
LOADING (psf) TCLL 20.0	SPACING- Plate Grip DOL	2-0-0 CSI. 1.15 TC		EFL. ert(LL) -0.	in (loc) 12 2-13	l/defl >999	L/d 360	PLATES MT20	GRIP 244/190
TCDL 10.0	Lumber DOL	1.15 BC	0.49 Ve	ert(CT) -0.	20 2-13		240	WITZU	2-1-1/100
BCLL 0.0 *	Rep Stress Incr	YES WB	0.47 Ho	orz(CT) 0.	02 10	n/a	n/a		II. ET 000/

LUMBER-

BCDL

TOP CHORD 2x6 SP No.1 BOT CHORD 2x6 SP No.1 2x4 SP No.2 *Except* **WEBS**

10.0

W6: 2x6 SP No.1

WEDGE

Left: 2x4 SP No.2

Wind(LL) BRACING-

TOP CHORD

BOT CHORD WEBS

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

Weight: 226 lb FT = 20%

Rigid ceiling directly applied or 10-0-0 oc bracing.

>999

0.04 2-13

1 Row at midpt 5-13, 7-10

240

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

Installation guide.

REACTIONS. (size) 2=0-4-0 (min. 0-1-9), 10=Mechanical

Max Horz 2=319(LC 9)

Max Uplift2=-70(LC 12), 10=-54(LC 12) Max Grav 2=1309(LC 19), 10=1270(LC 19)

Code IRC2015/TPI2014

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

2-3=-1509/336, 3-5=-1380/489, 5-7=-1143/460 TOP CHORD **BOT CHORD**

2-13=-216/1241, 11-13=-2/757, 10-11=-138/744

3-13=-527/371, 5-13=-229/946, 5-11=-146/399, 7-11=-171/263, 7-10=-1236/252 WEBS

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-8-10 to 5-7-0, Interior(1) 5-7-0 to 14-11-0, Exterior(2) 14-11-0 to 21-2-10, Interior(1) 21-2-10 to 26-8-12 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf 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.

Matrix-S

- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM		
J0321-1553	A1A	COMMON	1	1			
					Job Reference (optional)		
Comtech, Inc., Fayett	Comtech, Inc., Fayetteville, NC 28309, Bob Lewis		Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:08:58 2021 Pag				
•			ID:oc86cjOn3j_xrZlawBNe_4zXlAc-u7LatzxSHDVF_zekVf5AzdmcQ2k7kkPDA1i1OJz				

7-6-8 7-4-8 4-9-8 7-4-8

7-6-8 14-11-0 22-3-8 27-1-0

> Scale = 1:73.2 5x8 ||

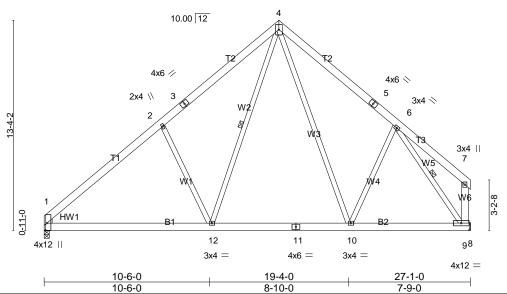


Plate Offsets (X,Y)-- [1:0-0-13,0-1-0], [1:0-1-11,0-4-13], [1:0-5-8,Edge]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.25	Vert(LL) -0.12 1-12 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.49	Vert(CT) -0.21 1-12 >999 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.47	Horz(CT) 0.02 9 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.03 1-12 >999 240	Weight: 224 lb FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.1 BOT CHORD 2x6 SP No.1 **WEBS** 2x4 SP No.2 *Except*

W6: 2x6 SP No.1 WEDGE

Left: 2x4 SP No.2

BRACING-

TOP CHORD

BOT CHORD WEBS

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

Rigid ceiling directly applied or 10-0-0 oc bracing.

1 Row at midpt 4-12.6-9

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

REACTIONS. (size) 1=0-4-0 (min. 0-1-8), 9=Mechanical

Max Horz 1=316(LC 9)

Max Uplift1=-56(LC 12), 9=-54(LC 12) Max Grav 1=1259(LC 19), 9=1270(LC 19)

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

1-2=-1511/342, 2-4=-1383/499, 4-6=-1143/461 TOP CHORD **BOT CHORD** 1-12=-218/1243, 10-12=-2/757, 9-10=-138/744

WEBS 2-12=-528/376, 4-12=-232/949, 4-10=-147/397, 6-10=-171/262, 6-9=-1236/256

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-2-0 to 6-5-10, Interior(1) 6-5-10 to 14-11-0, Exterior(2) 14-11-0 to 21-2-10, Interior(1) 21-2-10 to 26-8-12 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads
- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 9.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

ID:oc86cjOn3j_xrZlawBNe_4zXlAc-MJuy4Jy42Wd6c6Dx3NcPWqJlQR3wT7BNPhRbwlzXiAc	ob	Truss
ville, NC 28309, Bob Lewis Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:08:59 2021 Page 1 ID:oc86cjOn3j_xrZlawBNe_4zXlAc-MJuy4Jy42Wd6c6Dx3NcPWqJIQR3wT7BNPhRbwlzXiAc -0_10-8 7-6-8 14-11-0 22-3-8 27-1-0 0-10-8 7-6-8 7-4-8 7-4-8 4-9-8 5x8 Scale = 1:82.1	0321-1553 A1B	
$-0_{1}10-8$ $7-6-8$ $14-11-0$ $22-3-8$ $27-1-0$ $0-10-8$ $7-6-8$ $7-4-8$ $7-4-8$ $4-9-8$ Scale = 1:82.1	Comtech, Inc., Fayette	etteville, NC 28309, Bob Lewis
5x8 Scale = 1:82.1		-0 ₁ 10-8
		0-10-8
10.00 12 6		
		ĪĪ
4x6 //		
4x6 \		
// \W3		20
I 4 / / / / / / / / / / / / / / / / / /		7 4
rd rd 3 3x4		4 4

10-6-0 Plate Offsets (X,Y)-- [2:0-3-8,Edge], [3:0-3-13,0-0-8], [11:0-3-8,0-3-0], [16:0-0-8,0-2-0]

3x4 ||

10-6-0

3x10 ||

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.36	Vert(LL) -0.14 15-16 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.52	Vert(CT) -0.27 15-16 >999 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.69	Horz(CT) 0.08 11 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.10 15-16 >999 240	Weight: 254 lb FT = 20%

15 14 13

3x6 = 4x6 | |

4x6 ||

19-4-0

8-10-0

BRACING-

TOP CHORD

BOT CHORD

WEBS

12

5x5 =

27-1-0

7-9-0

except end verticals.

Installation guide.

1 Row at midpt

10 11

Structural wood sheathing directly applied or 5-5-15 oc purlins,

6-12, 8-11

MiTek recommends that Stabilizers and required cross bracing

be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 10-0-0 oc bracing.

5x8 =

LUMBER-

TOP CHORD 2x6 SP No.1

BOT CHORD 2x6 SP No.1 *Except* B1: 2x4 SP No.1, B4: 2x10 SP No.1 WFBS 2x4 SP No.2 *Except*

W6: 2x6 SP No.1

Left 2x4 SP No.2 -t 1-0-14 **SLIDER**

REACTIONS. (size) 2=0-4-0 (min. 0-1-8), 11=Mechanical

Max Horz 2=320(LC 9)

Max Uplift2=-68(LC 12), 11=-55(LC 12) Max Grav 2=1259(LC 19), 11=1256(LC 19)

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

2-3=-1218/312, 3-4=-1607/380, 4-6=-1506/505, 6-8=-1131/459 TOP CHORD

BOT CHORD 2-17=-246/466, 3-16=-39/931, 15-16=-245/1397, 12-15=-4/781, 11-12=-141/743 WEBS 4-15=-578/366, 6-15=-250/1121, 6-12=-151/342, 8-12=-186/269, 8-11=-1208/236

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-8-10 to 5-7-0, Interior(1) 5-7-0 to 14-11-0, Exterior(2) 14-11-0 to 21-2-10, Interior(1) 21-2-10 to 26-8-12 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 11.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	A1GE	GABLE	1	1	
					Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:00 2021 Page 1
ID:oc86cjOn3j_xrZlawBNe_4zXIAc-qVSKHezjpqlzEGo7d47e32rxQrPlCe4WeLB8SBzXiAn

-0-10-8 7-6-8 14-11-0 22-3-8 27-1-0 0-10-8 7-6-8 7-4-8 4-9-8

5x12 || Scale = 1:73.8

Structural wood sheathing directly applied or 5-11-15 oc purlins,

5-13, 5-11, 7-10

MiTek recommends that Stabilizers and required cross bracing

be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 10-0-0 oc bracing.

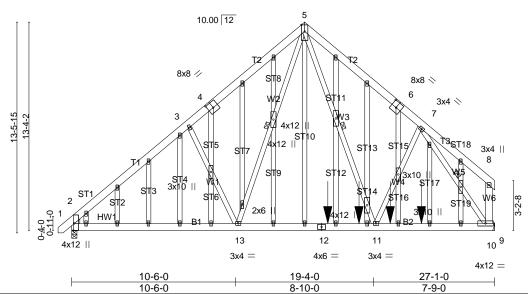


Plate Offsets (X,Y)-- [2:0-5-8,Edge], [2:0-1-11,0-4-13], [2:0-0-13,0-1-0], [4:0-4-0,0-4-8], [6:0-4-0,0-4-8]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.28	Vert(LL) -0.12 2-13 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.55	Vert(CT) -0.20 2-13 >999 240	
BCLL 0.0 *	Rep Stress Incr NO	WB 0.39	Horz(CT) 0.02 10 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.05 2-13 >999 240	Weight: 357 lb FT = 20%

BRACING-

TOP CHORD

BOT CHORD

WEBS

except end verticals.

Installation guide.

1 Row at midpt

LUMBER-

TOP CHORD 2x6 SP No.1 BOT CHORD 2x6 SP No.1 WEBS 2x4 SP No.2 *E

2x4 SP No.2 *Except* W6: 2x6 SP No.1

OTHERS 2x4 SP No.2

WEDGE

Left: 2x4 SP No.2

REACTIONS. (size) 2=0-4-0 (min. 0-1-10), 10=Mechanical

Max Horz 2=393(LC 5)

Max Uplift2=-265(LC 8), 10=-293(LC 8) Max Grav 2=1360(LC 33), 10=1400(LC 33)

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

TOP CHORD 2-3=-1583/341, 3-5=-1453/497, 5-7=-1265/485 BOT CHORD 2-13=-422/1338, 11-13=-116/835, 10-11=-182/826

WEBS 3-13=-447/471, 5-13=-332/979, 5-11=-325/550, 7-11=-183/399, 7-10=-1366/324

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.
- 4) All plates are 2x4 MT20 unless otherwise indicated.
- 5) Gable studs spaced at 2-0-0 oc.
- 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 30.0psf 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) Refer to girder(s) for truss to truss connections.
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=265, 10=293.
- 10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 11) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 48 lb down and 39 lb up at 16-4-12, 48 lb down and 39 lb up at 18-4-12, and 48 lb down and 39 lb up at 22-4-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

12) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

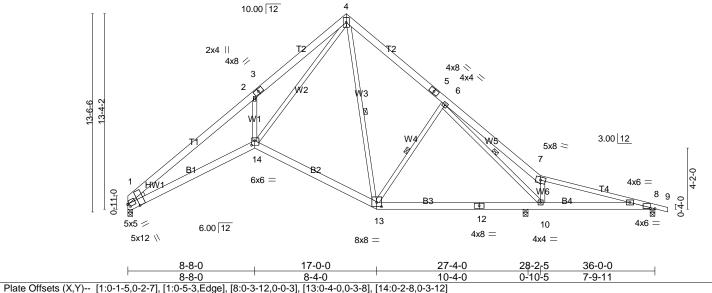
Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	A1GE	GABLE	1	1	.lob Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:00 2021 Page 2 ID:oc86cjOn3j_xrZlawBNe_4zXIAc-qVSKHezjpqlzEGo7d47e32rxQrPlCe4WeLB8SBzXiAn

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-5=-60, 5-8=-60, 2-9=-20
Concentrated Loads (lb)
Vert: 46=-38(B) 48=-38(B) 49=-38(B) 51=-38(B)

Job	Truss		Truss T	уре		Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	A2		Roof S	Special		2	1	Job Reference (optional)
Comtech, Inc., Fayett	eville, NC 28309,	Bob Lewis		Run: 8.3	300 s Mar 22 201		300 s Mar	r22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:01 2021 Pag rZlawBNe_4zXIAc-li0iV_zLa8tqrQNJAoetbFO1yFi?xy1fs?wh?ezXi
		8-8-0	1	14-11-0	21-6-10			3-2-5 36-0-0 36-10-8
		8-8-0		6-3-0	6-7-10		6-7	7-10 T-9-11 0-10-8
				5	x8			Scale = 1:7
			10.0	0 12	4			



LUMBER-

TCLL

TCDL

BCLL

BCDL

LOADING (psf)

TOP CHORD 2x6 SP No.1 *Except* T4: 2x4 SP No.1

BOT CHORD 2x6 SP No.1 WFBS 2x4 SP No.2

20.Ó

10.0

0.0

10.0

WEDGE

Left: 2x4 SP No.2

Wind(LL) **BRACING-**

DEFL.

Vert(LL)

Vert(CT)

Horz(CT)

in (loc)

-0.16 11-13

-0.31 13-14

0.16 8-10

0.22

I/defI

>999

>999

>648

n/a

L/d

360

240

n/a

240

TOP CHORD **BOT CHORD** WFBS

Structural wood sheathing directly applied or 3-10-0 oc purlins. Rigid ceiling directly applied or 10-0-0 oc bracing. 1 Row at midpt

PLATES

MT20

GRIP

Weight: 259 lb FT = 20%

244/190

4-13, 6-13, 6-10

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

REACTIONS. (size) 1=0-4-0 (min. 0-1-8), 8=0-4-0 (min. 0-1-8), 11=0-4-0 (min. 0-1-10)

2-0-0

1.15

1.15

YES

Max Horz 1=-325(LC 10)

SPACING-

Plate Grip DOL

Rep Stress Incr

Code IRC2015/TPI2014

Lumber DOL

Max Uplift1=-66(LC 12), 8=-176(LC 9), 11=-60(LC 13) Max Grav 1=1114(LC 1), 8=518(LC 1), 11=1352(LC 2)

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

TOP CHORD 1-2=-2914/476, 2-4=-2939/836, 4-6=-1101/448, 6-7=-754/597, 7-8=-501/286 BOT CHORD 1-14=-241/2599, 13-14=0/868, 11-13=-104/806, 10-11=-104/806, 8-10=-203/435 WEBS 2-14=-585/483, 4-14=-509/2623, 4-13=-250/263, 6-13=-422/371, 6-10=-804/31,

7-10=-715/502

- NOTES-1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-2-0 to 6-5-10, Interior(1) 6-5-10 to 14-11-0, Exterior(2) 14-11-0 to 21-2-10, Interior(1) 21-2-10 to 36-10-8 zone; porch right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

CSI.

TC

ВС

WB

Matrix-S

0.55

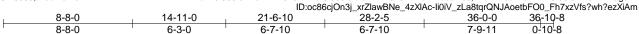
0.74

0.99

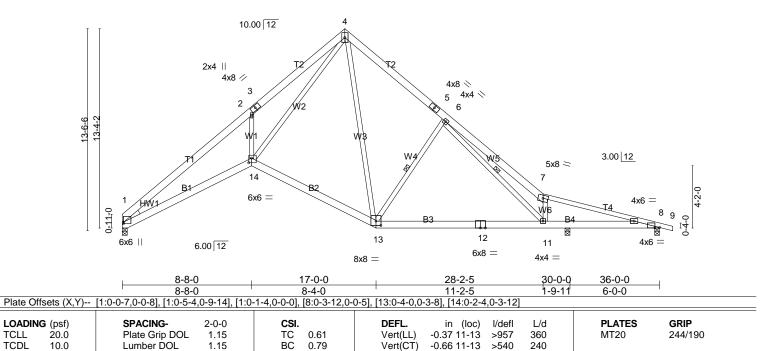
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 5) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 11 except (it=lb) 8=176.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	A2A	Roof Special	6	1	
		•			Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:01 2021 Page 1



Scale = 1:77.2 5x8 ||



LUMBER-

TCLL

TCDL

BCLL

BCDL

TOP CHORD 2x6 SP No.1 *Except* T4: 2x4 SP No.1

BOT CHORD 2x6 SP No.1 *Except* B4: 2x6 SP 2400F 2.0E

Rep Stress Incr

Code IRC2015/TPI2014

WEBS 2x4 SP No.2

0.0

10.0

WEDGE

Left: 2x4 SP No.2

Wind(LL) **BRACING-**

Horz(CT)

0.24

0.13 11-13

TOP CHORD **BOT CHORD** WFBS

Structural wood sheathing directly applied or 3-7-9 oc purlins. Rigid ceiling directly applied or 10-0-0 oc bracing.

Weight: 259 lb FT = 20%

1 Row at midpt 6-13, 6-11

n/a

240

n/a

>999

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

REACTIONS. (size) 1=0-4-0 (min. 0-1-8), 8=0-4-0 (min. 0-1-8), 10=0-4-0 (min. 0-1-8)

YES

Max Horz 1=-325(LC 10)

Max Uplift1=-63(LC 12), 8=-121(LC 9), 10=-104(LC 13) Max Grav 1=1185(LC 1), 8=313(LC 24), 10=1429(LC 1)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 1-2=-3222/466, 2-4=-3235/827, 4-6=-1267/453, 6-7=-1434/219, 7-8=-1040/0 **BOT CHORD** $1\text{-}14\text{-}232/2852,\ 13\text{-}14\text{-}0/1005,\ 11\text{-}13\text{-}79/1028,\ 10\text{-}11\text{-}0/980,\ 8\text{-}10\text{-}0/980$ WEBS 2-14=-572/483, 4-14=-494/2783, 4-13=-242/426, 6-13=-481/321, 7-11=-894/315

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-2-0 to 6-5-10, Interior(1) 6-5-10 to 14-11-0, Exterior(2) 14-11-0 to 21-2-10, Interior(1) 21-2-10 to 36-10-8 zone; porch right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

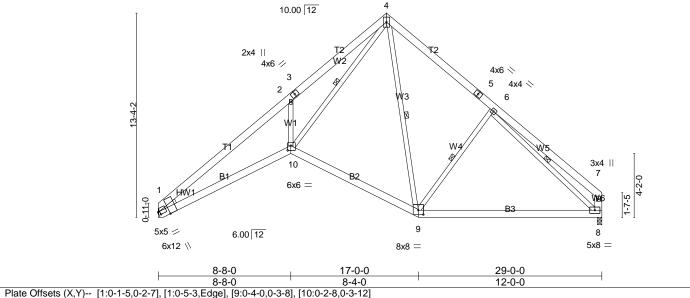
WB

Matrix-S

0.96

- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) Bearing at joint(s) 1 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 8=121, 10=104.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

FARM	LOT 7 WOODBURY	Ply	Qty			Truss Type		Truss	ob
		1	4		al	Roof Specia		А3	10321-1553
	Job Reference (optional)					·			
nc. Wed Mar 24 15:09:02 2021 Page ?hTayWkVA78TxCif3egVbp5fgFX4zX				ar 22 20	Run: 8.300 s 1		Bob Lewis	ville, NC 28309,	Comtech, Inc., Fayett
1	29-0-0	2	21-9-12	1	14-11-0	-8-0	8-8		
1	7-2-4	2	6-10-12		6-3-0	-8-0	8-8		
Scale = 1:75				5x8					
				4	.00 12				



LOADING (psf) SPACING-**PLATES GRIP** 2-0-0 CSI. DEFL. (loc) I/defI L/d **TCLL** 20.Ó Plate Grip DOL 1.15 TC 0.55 Vert(LL) -0.29 8**-**9 >999 360 MT20 244/190 >741 **TCDL** 10.0 Lumber DOL 1.15 ВС 0.65 Vert(CT) -0.47 8-9 240 **BCLL** 0.0 Rep Stress Incr YES WB 0.58 Horz(CT) 0.23 8 n/a n/a **BCDL** 10.0 Code IRC2015/TPI2014 Matrix-S Wind(LL) 0.12 10 >999 240 Weight: 231 lb FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2 *Except*
W6: 2x6 SP No.1

WEDGE

Left: 2x4 SP No.2

BRACING-

WEBS

TOP CHORD

BOT CHORD R

Structural wood sheathing directly applied or 3-8-5 oc purlins, except end verticals.

RD Rigid ceiling directly applied or 10-0-0 oc bracing.

Installation guide.

1 Row at midpt 4-10, 4-9, 6-9, 6-8

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

REACTIONS. (size) 1=Mechanical, 8=0-3-8 (min. 0-1-8) Max Horz 1=320(LC 9)

Max Uplift1=-63(LC 12), 8=-59(LC 13) Max Grav 1=1148(LC 1), 8=1211(LC 20)

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

TOP CHORD

1-2=-3080/561, 2-4=-3106/919, 4-6=-1186/471, 6-7=-652/217, 7-8=-542/223

BOT CHORD 1-10=-353/2727, 9-10=-8/929, 8-9=-151/900

WEBS 2-10=-588/480, 4-10=-619/2713, 4-9=-206/340, 6-9=-429/334, 6-8=-872/213

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-0-12 to 6-4-6, Interior(1) 6-4-6 to 14-11-0, Exterior(2) 14-11-0 to 21-2-10, Interior(1) 21-2-10 to 28-9-4 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) Refer to girder(s) for truss to truss connections.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 8.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type		Qty	Ply	LOT 7 WOODE	BURY FARM	
J0321-1553	A4	Common		6	1			
Comtook Inc. Fount	teville, NC 28309, Bob Lewis		Bun: 9 200 o M	Apr 22 2010 Print: 9	9 200 o Ma	Job Reference (option		4 15:09:03 2021 Page 1
Comtecn, Inc., Fayer	leville, NC 28309, Bob Lewis		Run: 8.300 S 1					4 15:09:03 2021 Page 93SHP_myKJPo3WzXiA
	-0 ₋ 10 ₋ 8	7-6-8	14-11-0		22-3-8	29-	0-0	- ,
	0-10-8	7-6-8	7-4-8	1	7-4-8	6-8	3-8	
				5x8				Scale = 1:73.
			10.00 12	5				
		4x6 /	, 72		T2	4x6 ⟨		
	19 01	2x4 \\ 3	4 W	2// \/\w3		6 4x4 \\ 7		
	13-5-15			/ //				
		71		\	\setminus	13 W.		
	2		vv)			W4	3x4 8	
	0.1 HW1	B	1 8	į.		/ B2	1-7-5	
	4x12		12	11	10		9	
	4812		3x4 =	4x6 =	3x4	=	9	
		40.00		40.40		20.00	4x6 =	
		10-6-0 10-6-0		19-4-0 8-10-0	+	29-0-0 9-8-0		
Plate Offsets (X,Y)-	- [2:0-0-13,0-1-0], [2:0-1-1		ge]	3 10 0				
LOADING (psf) TCLL 20.0	SPACING- Plate Grip DOL	2-0-0 CS 1.15 TC		DEFL. Vert(LL) -0.	in (loc) 12 2-12	l/defl L/d >999 360	PLATES MT20	GRIP 244/190
TCDL 10.0	Lumber DOL	1.15 BC	0.49	Vert(CT) -0.2	21 2-12	>999 240	20	
BCLL 0.0 * BCDL 10.0	Rep Stress Incr Code IRC2015/TP		3 0.46 trix-S	Horz(CT) 0.0 Wind(LL) 0.0	03 9 04 2-12	n/a n/a >999 240	Weight: 235 I	b FT = 20%
LUMBER-	CD No. 1	•	,	BRACING-	Ctru	ural wood aboothin	directly applied	10 E oo purling
TOP CHORD 2x6 BOT CHORD 2x6				TOP CHORD		ural wood sheathing t end verticals.	unectly applied of 5	- ro-s oc puriins,
WEBS 2x4	SP No.2 *Except* 2x6 SP No.1			BOT CHORD WEBS	Rigid (ceiling directly applie	ed or 10-0-0 oc braci 5-12, 5-10, 7-9	ng.
WO.	ZAU OF INU. I			VVEDO	I KOW	at mupt 5	J- 12, J-10, 1-8	

WEDGE

Left: 2x4 SP No.2

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

REACTIONS. (size) 2=0-4-0 (min. 0-1-11), 9=0-3-8 (min. 0-1-9)

Max Horz 2=321(LC 9)

Max Uplift2=-76(LC 12), 9=-59(LC 13) Max Grav 2=1408(LC 19), 9=1342(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 2-3=-1658/369, 3-5=-1523/521, 5-7=-1439/522, 7-8=-474/225, 8-9=-419/220

BOT CHORD 2-12=-172/1361, 10-12=0/885, 9-10=-149/1082

WEBS 3-12=-522/371, 5-12=-233/928, 5-10=-211/721, 7-10=-421/345, 7-9=-1193/178

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-8-10 to 5-7-0, Interior(1) 5-7-0 to 14-11-0, Exterior(2) 14-11-0 to 21-2-10, Interior(1) 21-2-10 to 28-9-4 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 9.
- 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

RM	7 WOODBURY FAI	LOT	Ply	Qty		Truss Type	Truss	Job
		1	1	1		GABLE	A4GE	J0321-1553
	eference (optional)	Job R						
Ved Mar 24 15:09:04 2021 Page 6uswCbDu0c5Sl28Rf6Zz9MbzzXi					Run: 8.300 s Mar 22 :	·	e, NC 28309, Bob Lewis	Comtech, Inc., Fayette
1	29-0-0		2-3-8	22	14-11-0	7-6-8	-0 ₋ 10 ₋ 8	
1	6-8-8		-4-8	7	7-4-8	7-6-8	0-10-8	
Scale = 1:73				12	5			

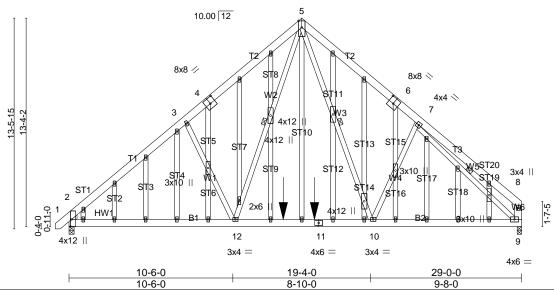


Plate Offsets (X,Y)-- [2:0-5-8,Edge], [2:0-1-11,0-4-13], [2:0-0-13,0-1-0], [4:0-4-0,0-4-8], [6:0-4-0,0-4-8]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.30	Vert(LL) -0.12 2-12 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.59	Vert(CT) -0.12 2-12 >999 360 Vert(CT) -0.20 2-12 >999 240	101120 244/190
BCLL 0.0 *	Rep Stress Incr NO	WB 0.48	Horz(CT) 0.03 9 n/a n/a	Weight: 367 lb FT = 20%
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.09 10-12 >999 240	

BRACING-TOP CHORD

BOT CHORD

WEBS

Structural wood sheathing directly applied or 5-7-15 oc purlins,

5-12, 5-10, 7-9

MiTek recommends that Stabilizers and required cross bracing

be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 10-0-0 oc bracing.

except end verticals

Installation guide.

1 Row at midpt

LUMBER-

TOP CHORD 2x6 SP No.1 BOT CHORD 2x6 SP No.1

WEBS 2x4 SP No.2 *Except* W6: 2x6 SP No.1

OTHERS 2x4 SP No.2

WEDGE

Left: 2x4 SP No.2

REACTIONS. (size) 2=0-4-0 (min. 0-1-12), 9=0-3-8 (min. 0-1-11)

Max Horz 2=399(LC 5)

Max Uplift2=-293(LC 8), 9=-261(LC 9) Max Grav 2=1486(LC 33), 9=1421(LC 34)

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

TOP CHORD 2-3=-1784/393, 3-5=-1647/544, 5-7=-1560/531, 7-8=-482/215, 8-9=-428/212

BOT CHORD 2-12=-410/1500, 10-12=-90/982, 9-10=-197/1174

WEBS 3-12=-443/475, 5-12=-379/1042, 5-10=-348/824, 7-10=-330/457, 7-9=-1340/266

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.
- 4) All plates are 2x4 MT20 unless otherwise indicated.
- 5) Gable studs spaced at 2-0-0 oc.
- 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 30.0psf 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=293, 9=261.
- 9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 10) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 83 lb down and 54 lb up at 13-8-12, and 83 lb down and 54 lb up at 15-8-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.
- 11) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

Continued on page 2 LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	A4GE	GABLE	1	1	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:04 2021 Page 2 ID:oc86cjOn3j_xrZlawBNe_4zXIAc-iHir700Dt3GPiu6uswCbDu0c5Sl28Rf6Zz9MbzzXiAj

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-5=-60, 5-8=-60, 2-9=-20
Concentrated Loads (lb)
Vert: 11=-74(F) 47=-74(F)

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	A5	Common	1	1	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:05 2021 Page 1
ID:oc86cjOn3j_xrZlawBNe_4zXIAc-BTGDLM0rdMOGK1g5Pejqm5Ymhs8rtt_Fnduv8PzXiAi

5x8 ||



Scale = 1:74.7

Structural wood sheathing directly applied or 6-0-0 oc purlins,

4-9, 4-7, 5-11

MiTek recommends that Stabilizers and required cross bracing

be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 10-0-0 oc bracing.

except end verticals.

Installation guide.

1 Row at midpt

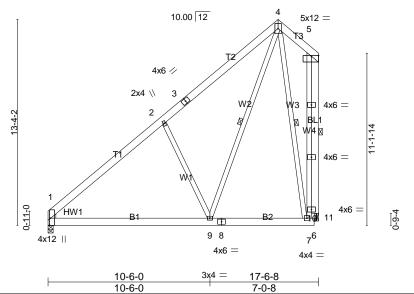


Plate Offsets (X,Y)-- [1:0-5-8,Edge], [1:0-1-11,0-4-13], [1:0-0-13,0-1-0], [5:Edge,0-0-12]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.38	Vert(LL) -0.13 1-9 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.42	Vert(CT) -0.22 1-9 >948 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.54	Horz(CT) 0.01 11 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.03 1-9 >999 240	Weight: 184 lb FT = 20%

BRACING-TOP CHORD

BOT CHORD

WEBS

LUMBER-

TOP CHORD 2x6 SP No.1
BOT CHORD 2x6 SP No.1
WEBS 2x4 SP No.2
OTHERS 2x6 SP No.1

WEDGE Left: 2x4 SP No.2

REACTIONS.

(size) 1=0-4-0 (min. 0-1-8), 11=0-3-0 (min. 0-1-8)

Max Horz 1=398(LC 12)

Max Uplift11=-190(LC 12)

Max Grav 1=794(LC 19), 11=917(LC 19)

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

TOP CHORD 1-2=-808/10, 2-4=-705/180, 7-10=-288/853, 5-10=-288/853

BOT CHORD 1-9=-317/671

WEBS 2-9=-580/402, 4-9=-263/947, 4-7=-754/316, 5-11=-918/306

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-2-0 to 6-5-10, Interior(1) 6-5-10 to 14-11-0, Exterior(2) 14-11-0 to 16-11-4 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) 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.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=190.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	B1	Attic	8	1	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:06 2021 Page 1 ciOn3i xrZlawBNe_4zXlAc-ffqbYi1TOgW7yBFHzLE3IJ5trGQQcPwP0HeSgrzXiAh

			10.000000000000000000000000000000000000		_ 12/11/10 1190 1111	. og , bi i
-0-10 ₇ 8	5-0-0	7-7-15 8 ₋ 10-1 ₁ 1 11-4-0	13-9-5 15-0-1	17-8-0	22-8-0	23-6 ₁ 8
0-10-8	5-0-0	2-7-15 1-2-12 2-5-5	2-5-5 1-2-12	2-7-15	5-0-0	0-10-8

Scale = 1:69.3 6x8 =

Structural wood sheathing directly applied or 4-11-2 oc purlins,

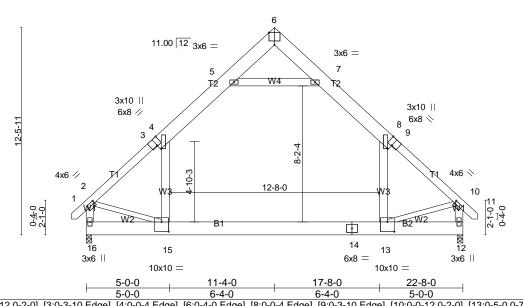
MiTek recommends that Stabilizers and required cross bracing

be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 10-0-0 oc bracing.

except end verticals.

Installation guide.



Flate Offsets (A, I)	[2.0-0-12,0-2-0], [3.0-3-10,Euge], [4.	0-0-4,⊑ugej, [6.0-4-0,⊑c	ige], [6.0-0-4,⊏uge], [9.0	-3-10,⊑uge], [10.0-0-12,0-	2-0], [13.0-3-0,0- <i>1</i> -0],	[13.0-3-0,0-7-0]
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in	(loc) I/defl	L/d	PLATES	GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.61	Vert(LL) -0.23 1	3-15 >999	360	MT20	244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.66	Vert(CT) -0.31 1	3-15 >861	240		
BCLL 0.0 *	Rep Stress Incr YES	WB 0.24	Horz(CT) 0.01	12 n/a	n/a		
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.05 1	3-15 >999	240	Weight: 252 lb	FT = 20%

BRACING-

TOP CHORD

BOT CHORD

LUMBER-

TOP CHORD 2x10 SP No.1 *Except* T1: 2x6 SP No.1

BOT CHORD 2x10 SP No.1

2x6 SP No.1 *Except* **WEBS**

W2: 2x4 SP No.2

REACTIONS. (size) 16=0-4-0 (min. 0-1-11), 12=0-4-0 (min. 0-1-11)

Max Horz 16=-328(LC 10)

Max Grav 16=1429(LC 20), 12=1429(LC 21)

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

2-4=-1617/95, 4-5=-1088/233, 5-6=-38/407, 6-7=-38/407, 7-8=-1088/233, 8-10=-1616/95, 2-16=-1587/135, 10-12=-1588/136 TOP CHORD

BOT CHORD 15-16=-320/482, 13-15=0/1085

8-13=-38/711, 4-15=-38/711, 5-7=-1451/357, 2-15=0/957, 10-13=-3/962 **WEBS**

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-8-10 to 5-7-0, Interior(1) 5-7-0 to 11-4-0, Exterior(2) 11-4-0 to 17-11-2, Interior(1) 17-11-2 to 23-4-10 zone; 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
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) Ceiling dead load (10.0 psf) on member(s). 4-5, 7-8, 5-7; Wall dead load (5.0psf) on member(s).8-13, 4-15
- 6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 13-15
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 8) Attic room checked for L/360 deflection.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	B1GE	GABLE	1	1	Joh Reference (ontional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:06 2021 Page 1 ID:oc86cjOn3j_xrZlawBNe_4zXlAc-ffqbYi1TOgW7yBFHzLE3lJ5trGQQcPwP0HeSgrzXiAh

22-8-0

except end verticals.

Installation guide.

Structural wood sheathing directly applied or 4-11-2 oc purlins,

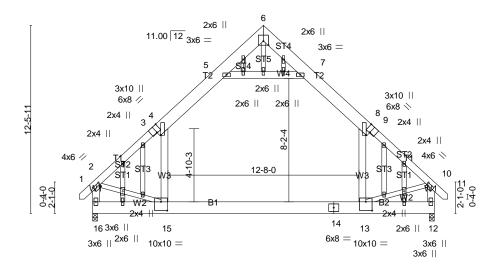
MiTek recommends that Stabilizers and required cross bracing

be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 10-0-0 oc bracing.

22-8-0 -0-10₋₈ 7-7-158₁10-11 13-9-5 15-0-1 17-8-0 2-5-5 1-2-12 2-7-15 0-10-8 2-7-15 1-2-12 2-5-5 5-0-0 5-0-0

Scale = 1:76.4 8x8 =



I	5-0-0	6-4-0	6-4-0	5-0-0	
Plate Offsets (X,Y) [2:0-0-12,0-2-0], [3:0-3-10,Edge	e], [4:0-0-4,Edge],	[6:0-4-0,0-3-4], [8:0-0	0-4,Edge], [9:0-3-10,E	Edge], [10:0-0-12,0-2-0], [13:0-5-0,0-7-0], [15:0-5-0,0-7-0]

17-8-0

11-4-0

LOADING (psf) TCLL 20.0	SPACING- 2-0-0 Plate Grip DOL 1.15	CSI. TC 0.61	DEFL. in (loc) I/defl L/d Vert(LL) -0.23 13-15 >999 360	PLATES GRIP MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.66	Vert(CT) -0.31 13-15 >861 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.24	Horz(CT) 0.01 12 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.07 13-15 >999 240	Weight: 276 lb FT = 20%

BRACING-TOP CHORD

BOT CHORD

LUMBER-

TOP CHORD 2x10 SP No.1 *Except* T1: 2x6 SP No.1

BOT CHORD 2x10 SP No.1

2x6 SP No.1 *Except* **WEBS**

W2: 2x4 SP No.2 **OTHERS** 2x4 SP No.2

REACTIONS. (size) 16=0-4-0 (min. 0-1-11), 12=0-4-0 (min. 0-1-11)

Max Horz 16=-410(LC 10)

Max Uplift16=-49(LC 12), 12=-49(LC 13) Max Grav 16=1422(LC 20), 12=1422(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 2-4=-1632/123, 4-5=-1092/257, 5-6=-60/407, 6-7=-60/407, 7-8=-1092/257,

8-10=-1631/123, 2-16=-1596/152, 10-12=-1597/152

BOT CHORD 15-16=-414/549, 13-15=0/1113

WEBS 8-13=-38/711, 4-15=-38/711, 5-7=-1441/415, 2-15=-52/996, 10-13=-59/1002

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-Č Corner(3) -0-8-10 to 5-7-0, Exterior(2) 5-7-0 to 11-4-0, Corner(3) 11-4-0 to 17-11-2, Exterior(2) 17-11-2 to 23-4-10 zone; 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

5-0-0

- 3) 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.
- 4) Gable studs spaced at 1-4-0 oc.
- 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 30.0psf 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) Ceiling dead load (10.0 psf) on member(s). 4-5, 7-8, 5-7; Wall dead load (5.0psf) on member(s).8-13, 4-15
- 8) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 13-15
- 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 16, 12.
- 10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 11) Attic room checked for L/360 deflection.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J03	B2	ATTIC	3	1	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:07 2021 Page 1

		10:0086	cjonsj_xrziawbiv	16_42XIAC-7SINZIZZ69_	_e_aLq i Xziii wez rgmai
-Q-10 _⊺ 8	5-0-0	₁ 7-7-15 8 ₋ 10-1 ₁ 1 11-4-0 ₁ 13-9-	5 15-0-1 17-8-0	22-8-0	1
0-10-8	5-0-0	2-7-15 1-2-12 2-5-5 2-5-5	5 1-2-12 2-7-15	5-0-0	1

6x8 = Scale = 1:69.3

Structural wood sheathing directly applied or 4-10-14 oc purlins,

MiTek recommends that Stabilizers and required cross bracing

be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 10-0-0 oc bracing.

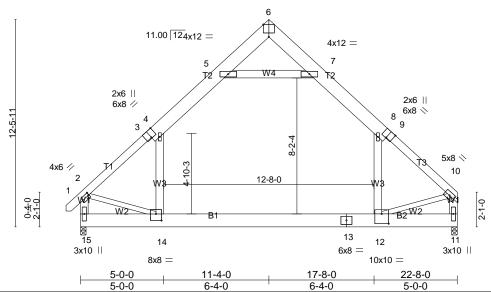


Plate Offsets (X,Y)-- [2:0-0-12,0-2-0], [3:0-4-0,Edge], [6:0-4-0,Edge], [9:0-4-0,Edge], [12:0-5-0,0-7-0], [14:0-4-0,0-4-12]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.61	Vert(LL) -0.23 12-14 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.66	Vert(CT) -0.31 12-14 >852 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.25	Horz(CT) 0.01 11 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.16 12-14 >999 240	Weight: 250 lb FT = 20%

BRACING-

TOP CHORD

BOT CHORD

except end verticals.

Installation guide.

LUMBER-

TOP CHORD 2x10 SP No.1 *Except* T1,T3: 2x6 SP No.1

BOT CHORD 2x10 SP No.1

WEBS 2x6 SP No.1 *Except*

W2: 2x4 SP No.2

REACTIONS. (size) 15=0-4-0 (min. 0-1-11), 11=0-4-0 (min. 0-1-10)

Max Horz 15=263(LC 9)

Max Grav 15=1406(LC 2), 11=1357(LC 2)

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

TOP CHORD 2-4=-1580/714, 4-5=-1068/523, 5-6=-303/416, 6-7=-297/412, 7-8=-1071/529,

8-10=-1562/688, 2-15=-1554/733, 10-11=-1508/676

BOT CHORD 14-15=-313/431, 12-14=-337/1042

WEBS 8-12=-372/680, 4-14=-419/716, 5-7=-1436/1116, 2-14=-137/944, 10-12=-215/994

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-8-10 to 5-7-0, Interior(1) 5-7-0 to 11-4-0, Exterior(2) 11-4-0 to 17-11-2, Interior(1) 17-11-2 to 22-5-4 zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) Ceiling dead load (10.0 psf) on member(s). 4-5, 7-8, 5-7; Wall dead load (5.0psf) on member(s).8-12, 4-14
- 6) Bottom chord live load (40.0 psf) and additional bottom chord dead load (0.0 psf) applied only to room. 12-14
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 8) Attic room checked for L/360 deflection.

Job	Truss	Truss Type		Qty	Ply	LOT 7 WOODB	URY FARM	
J0321-1553	C1	Common		3	1	2017 110000	01111711111	
30321-1333	O I	Common		3	'	Job Reference (option	nal)	
Comtech, Inc., Fayettevil	lle, NC 28309, Bob Lewis	Run: 8	3.300 s Mar 22 201	9 Print: 8.3	300 s Mar	22 2019 MiTek Indust	ries, Inc. Wed Mar 24	15:09:08 2021 Page 1
	-0-10-8	6-6-0 12-	ID:od 10-0	:86cjOn3j -19-2		Ne_4zXIAc-b2xMzN3k 25-8-0	wHmqBVPf5mGXNkA 26-6 ₇ 8	Fd47j4GFhTb7ZkkzXiAf
			4-0	6-4-0		6-6-0	0-10-8	
	0.00		. •	0.0			0.00	
			5x5 =					Scale = 1:68.6
	T T	10.00 12	5					
			J2/	15				
		4x6 //				4x6 ◇		
		2x4 📎 4			// (3		
		3			Ø.	2x4 //		
	11-9-1	3/*				XX.		
	7 7		W2					
		TI	1	W1	//	T 1		
		///	·	\$/				
		`						
	2 //			//				
	0-1-1 0-1-1 1 HW1	B1			В	2	HW 192 0	
	I 1 419 C ₽						1-14-	
	8x8 =		¹¹ 10				8x8 =	
			5x8 =					
			3x10 =					
	1	9-8-0	12-10-0		2	5-8-0	1	
		9-8-0	3-2-0		12	2-10-0		
Plate Offsets (X,Y) [2	2:0-1-0,0-0-13], [2:0-4-13,0)-1-11], [2:Edge,0-4-13], [8:0	-1-0,0-0-13], [8:0-4	4-13,0-1-	11], [8:E	dge,0-4-13]		

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.46	Vert(LL) -0.24 8-10 >769 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.61	Vert(CT) -0.42 8-10 >446 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.45	Horz(CT) 0.02 8 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.33 8-10 >565 240	Weight: 185 lb FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.1 BOT CHORD 2x6 SP No.1

WEBS WEDGE

Left: 2x4 SP No.2, Right: 2x4 SP No.2

2x4 SP No.2

BRACING-

TOP CHORD BOT CHORD **WEBS**

Structural wood sheathing directly applied or 6-0-0 oc purlins. Rigid ceiling directly applied or 9-2-1 oc bracing.

1 Row at midpt 5-10, 7-10, 3-10

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

REACTIONS. (size) 2=0-4-0 (min. 0-1-8), 8=0-4-0 (min. 0-1-8), 12=0-4-0 (min. 0-1-8)

Max Horz 2=-281(LC 10)

Max Uplift2=-113(LC 9), 8=-137(LC 8), 12=-68(LC 9) Max Grav 2=972(LC 1), 8=1016(LC 2), 12=256(LC 18)

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

TOP CHORD 2-3=-1106/796, 3-5=-842/805, 5-7=-844/813, 7-8=-1110/808

BOT CHORD 2-12=-463/817, 10-12=-463/817, 8-10=-482/770 5-10=-830/667, 7-10=-452/350, 3-10=-438/325 **WEBS**

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-8-10 to 5-7-0, Interior(1) 5-7-0 to 12-10-0, Exterior(2) 12-10-0 to 19-4-2, Interior(1) 19-4-2 to 26-4-10 zone; porch left and right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12 except (jt=lb) 2=113, 8=137.
- 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

	JRY FARM	LOT 7 WOODBU	Ply	Qty		Truss Type	Truss	Job
			1	1		GABLE	C1GE	J0321-1553
	al)	Job Reference (optional						
ar 24 15:09:09 2021 Page	es, Inc. Wed Mar	22 2019 MiTek Industrie	00 s Mar	Print: 8.3	Run: 8.300 s Mar 22 20	•	e, NC 28309, Bob Lewis	Comtech, Inc., Fayettevill
mwxjQFTTzpn4riFs6HAzXiA	Mhbuhpf_seTomy	wBNe_4zXlAc-3EVkAj4l	n3j_xrZlav):oc86cjO				
	26-6 ₇ 8	25-8-0)	19-2-0	12-10-0	6-6-0	-0 ₋ 10 ₋ 8	
	0-10-8	6-6-0		6-4-0	6-4-0	6-6-0	0-10-8	
Scale = 1:69					5x5 =			

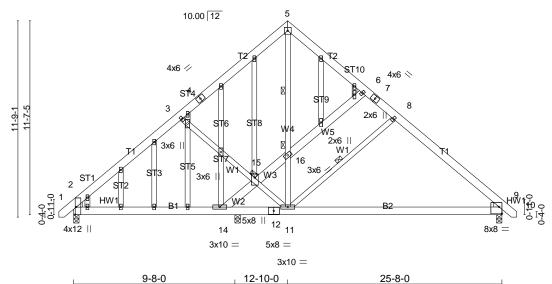


Plate Offsets (X,Y) [2:0-0-13,0-1-0], [2:0-1-11,0-4-13], [2:0-5-8,Edge], [9:0-1-0,0-0-13], [9:0-4-13,0-1-11], [9:Edge,0-4-13], [15:0-2-12,0-2-8]								
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP				
TCLL 20.0	Plate Grip DOL 1.15	TC 0.47	Vert(LL) -0.24 9-11 >772 360	MT20 244/190				
TCDL 10.0	Lumber DOL 1.15	BC 0.60	Vert(CT) -0.42 9-11 >446 240					
BCLL 0.0 *	Rep Stress Incr YES	WB 0.15	Horz(CT) 0.02 9 n/a n/a					
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.33 9-11 >576 240	Weight: 258 lb FT = 20%				

BRACING-TOP CHORD

WFBS

JOINTS

BOT CHORD

3-2-0

12-10-0

1 Row at midpt

1 Brace at Jt(s): 15, 16

Installation guide.

Structural wood sheathing directly applied or 6-0-0 oc purlins.

5-16, 8-11

MiTek recommends that Stabilizers and required cross bracing

be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 9-2-3 oc bracing.

LUMBER-

TOP CHORD 2x6 SP No.1 BOT CHORD 2x6 SP No.1

WEBS 2x6 SP No.1 *Except* W4,W1: 2x4 SP No.2

OTHERS 2x4 SP No.2

WEDGE

REACTIONS.

Left: 2x4 SP No.2 , Right: 2x4 SP No.2

(size) 2=0-4-0 (min. 0-1-8), 9=0-4-0 (min. 0-1-8), 13=0-4-0 (min. 0-1-8)

9-8-0

Max Horz 2=-352(LC 10)

Max Uplift2=-195(LC 12), 9=-192(LC 13), 13=-76(LC 13) Max Grav 2=936(LC 2), 9=1003(LC 2), 13=359(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 2-3=-1019/793, 3-5=-794/801, 5-6=-748/854, 6-8=-818/836, 8-9=-1049/852

BOT CHORD 2-14=-457/834, 13-14=-550/843, 11-13=-550/843, 9-11=-495/733

WEBS 11-16=-886/605, 5-16=-881/604, 8-11=-318/254, 3-15=-456/394, 11-15=-455/392

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2) -0-8-10 to 5-7-0, Interior(1) 5-7-0 to 12-10-0, Exterior(2) 12-10-0 to 19-4-2, Interior(1) 19-4-2 to 26-4-10 zone; porch right exposed; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.
- 4) All plates are 2x4 MT20 unless otherwise indicated.
- 5) Gable studs spaced at 2-0-0 oc.
- 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 30.0psf 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) 13 except (jt=lb) 2=195, 9=192.
- 9) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	C2GR	Monopitch Girder	1	2	Joh Reference (ontional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:09 2021 Page 1
ID:oc86cjOn3j_xrZlawBNe_4zXIAc-3EVkAj4Mhbuhpf_seTomwxjW_TWZpjnriFs6HAzXiAe
4-11-4
10-0-0

Structural wood sheathing directly applied or 6-0-0 oc purlins,

Rigid ceiling directly applied or 10-0-0 oc bracing.

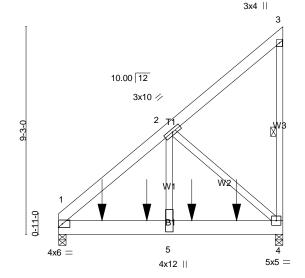
3-4

except end verticals.

1 Row at midpt

4-11-4 10-0-0 4-11-4 5-0-12

Scale = 1:51.4



4-11-4	10-0-0
4-11-4	5-0-12

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.10	Vert(LL) -0.02 4-5 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.44	Vert(CT) -0.04 4-5 >999 240	
BCLL 0.0 *	Rep Stress Incr NO	WB 0.43	Horz(CT) 0.01 4 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.02 4-5 >999 240	Weight: 178 lb FT = 20%

BRACING-

WEBS

TOP CHORD

BOT CHORD

LUMBER-

REACTIONS.

TOP CHORD 2x6 SP No.1 BOT CHORD 2x8 SP No.1 WEBS 2x4 SP No.2

(size) 1=0-4-0 (min. 0-1-9), 4=0-4-0 (min. 0-1-9)

Max Horz 1=289(LC 8)

Max Uplift1=-73(LC 8), 4=-323(LC 8) Max Grav 1=2685(LC 1), 4=2617(LC 1)

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

TOP CHORD 1-2=-2772/78

BOT CHORD 1-5=-241/2001, 4-5=-241/2001 WEBS 2-5=-147/3280, 2-4=-2683/323

NOTES-

1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:

Top chords connected as follows: 2x6 - 2 rows staggered at 0-9-0 oc, 2x4 - 1 row at 0-9-0 oc.

Bottom chords connected as follows: 2x8 - 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=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
- 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 30.0psf 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 100 lb uplift at joint(s) 1 except (jt=lb) 4=323.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 8) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1132 lb down and 83 lb up at 1-11-4, 1132 lb down and 83 lb up at 3-11-4, and 1132 lb down and 83 lb up at 5-11-4, and 1132 lb down and 83 lb up at 7-11-4 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15

Continued on page 2

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	C2GR	Monopitch Girder	1	2	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:09 2021 Page 2 ID:oc86cjOn3j_xrZlawBNe_4zXIAc-3EVkAj4Mhbuhpf_seTomwxjW_TWZpjnriFs6HAzXiAe

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOOD!	BURY FARM	
J0321-1553	D1	Common	1		1		
Comtech, Inc., Fayetteville	e, NC 28309, Bob Lewis	Run: 8.300 s				stries, Inc. Wed Mar 24 1	
	-0-10-8	8-0-0	ID:oc86cj	On3j_xrZla	wBNe_4zXIAc-XR36O3 16-0-0	34_Sv0YRpZ2CBJ?T9Ge 16-10-8	eqtusYEf_xucgpczXiAd
	- <u>0-10-8</u> 0-10-8	8-0-0			8-0-0	16-10-8 0-10-8	
			5x5 =				Scale = 1:42.2
			3				
	10.4	00 12					
5	0	ти /			X 1		
7-8-7 0-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	7-7-0	/'/	W				
	9 12 HW1					4 HW81 0-1-0 0-1-0 0-1-0	
	0.40 0.10 0.11 0.12 HW1		B			+ 0 + 0	
	1,40,						
	4x12		6			4x12	
		0.00	2x4		10.00		
		8-0-0 8-0-0	-		16-0-0 8-0-0	——	
Plate Offsets (X,Y) [2	:0-0-13,0-1-0], [2:0-1-11,0-4	4-13], [2:0-5-8,Edge], [4:0-0-13,0	-1-0], [4:0-1-11,0-4	1-13], [4:0	-5-8,Edge]		
LOADING (psf)	SPACING- 2-0-		DEFL.	in (loc)			GRIP
TCLL 20.0	Plate Grip DOL 1.1			.03 4-6		MT20	244/190

Vert(CT)

Horz(CT)

Wind(LL)

BRACING-

TOP CHORD

BOT CHORD

-0.06

0.01

0.03

4-6

2-6

>999

>999

Installation guide.

n/a

240

n/a

240

Structural wood sheathing directly applied or 6-0-0 oc purlins.

MiTek recommends that Stabilizers and required cross bracing

be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 10-0-0 oc bracing.

Weight: 103 lb FT = 20%

LUMBER-

TCDL

BCLL

BCDL

TOP CHORD 2x6 SP No.1 BOT CHORD 2x6 SP No.1 **WEBS** 2x4 SP No.2

10.0

10.0

0.0 *

WEDGE

Left: 2x4 SP No.2, Right: 2x4 SP No.2

REACTIONS. (size) 2=0-4-0 (min. 0-1-8), 4=0-4-0 (min. 0-1-8)

Lumber DOL

Rep Stress Incr

Code IRC2015/TPI2014

Max Horz 2=-181(LC 10)

Max Uplift2=-47(LC 12), 4=-47(LC 13) Max Grav 2=785(LC 19), 4=785(LC 20)

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

1.15

2-3=-874/202, 3-4=-874/202 TOP CHORD BOT CHORD 2-6=0/590, 4-6=0/590

WEBS 3-6=0/584

NOTES-

1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) -0-8-10 to 5-7-0, Interior(1) 5-7-0 to 8-0-0, Exterior(2) 8-0-0 to 14-3-10, Interior(1) 14-3-10 to 16-8-10 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

ВС

WB

Matrix-S

0.31

0.13

3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.

- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 4.
- 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	D1GE	Common Supported Gable	1	1	
					Job Reference (optional)
Comtech, Inc., Fayette	eville, NC 28309, Bob Lewis	Run: 8.300 s Mar 22	2019 Print: 8	3.300 s Mar	22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:11 2021 Page 1
-		ID	:oc86cjOn3j	_xrZlawBNe	e_4zXIAc-?ddUbP5cDC8P2y8EmuqE?MotbHHWHiM8AYLDL3zXiAc
	-0-10-8	8-0-0		1	6-0-0 1,6-10-8

8-0-0

Scale = 1:41.6 5x5 =

Structural wood sheathing directly applied or 6-0-0 oc purlins.

MiTek recommends that Stabilizers and required cross bracing

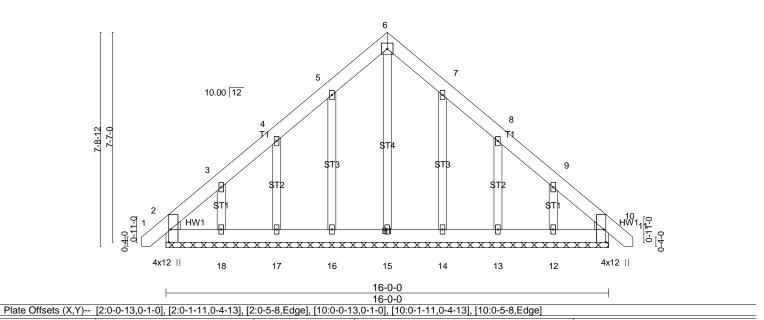
be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 10-0-0 oc bracing.

Installation guide.

8-0-0

0-10-8



LOADING (psf) SPACING-DEFL. **GRIP** 2-0-0 CSI. I/defI L/d **PLATES** (loc) **TCLL** 20.Ó Plate Grip DOL 1.15 TC 0.03 Vert(LL) 0.00 1Ó 120 MT20 244/190 n/r **TCDL** 10.0 Lumber DOL ВС 0.02 Vert(CT) 0.00 10 120 1.15 n/r **BCLL** 0.0 Rep Stress Incr YES WB 0.10 Horz(CT) 0.00 10 n/a n/a **BCDL** 10.0 Code IRC2015/TPI2014 Matrix-S Weight: 133 lb FT = 20%

BRACING-

TOP CHORD

BOT CHORD

LUMBER-

TOP CHORD 2x6 SP No.1 BOT CHORD 2x6 SP No.1 OTHERS 2x4 SP No.2

WEDGE

Left: 2x4 SP No.2, Right: 2x4 SP No.2

REACTIONS. All bearings 16-0-0.

(lb) - Max Horz 2=-226(LC 10)

Max Uplift All uplift 100 lb or less at joint(s) 2, 10, 14 except 16=-101(LC 12), 17=-123(LC 12), 18=-166(LC 12), 13=-124(LC 13), 12=-161(LC 13) Max Grav All reactions 250 lb or less at joint(s) 2, 10, 15, 16, 17, 18, 14, 13, 12

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

1) Unbalanced roof live loads have been considered for this design.

0-10-8

- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) -0-8-10 to 5-7-0, Exterior(2) 5-7-0 to 8-0-0, Corner(3) 8-0-0 to 14-0-0, Exterior(2) 14-0-0 to 16-8-10 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip
- 3) 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.
- 4) All plates are 2x4 MT20 unless otherwise indicated.
- 5) Gable requires continuous bottom chord bearing.
- 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 30.0psf 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10, 14 except (jt=lb) 16=101, 17=123, 18=166, 13=124, 12=161.
- 10) Beveled plate or shim required to provide full bearing surface with truss chord at joint(s) 2, 10.
- 11) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	E1GE	Common Girder	1	1	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:11 2021 Page 1 ID:oc86cjOn3j_xrZlawBbe_4zXIAc-?ddUbP5cDC8P2y8EmuqE?MoswHHKHiZ8AYLDL3zXiAc

-0-10-8 7-2-8 13-6-8 0-10-8 6-4-0 6-4-0

5x5 = Scale = 1:41.3

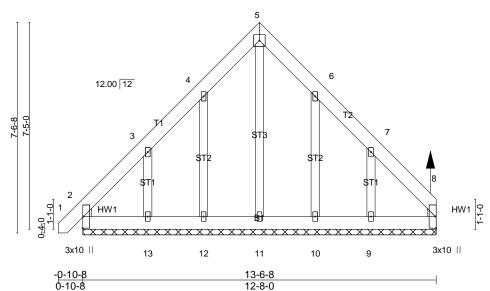


Plate Offsets (X,Y)-- [2:0-0-2,0-0-2], [2:0-0-5,0-2-10], [8:0-0-2,0-0-2], [8:0-0-5,0-2-10]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc)	l/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.07	Vert(LL) -0.00 1	n/r 120	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.04	Vert(CT) 0.00 1	n/r 120	
BCLL 0.0 *	Rep Stress Incr NO	WB 0.09	Horz(CT) 0.00 8	n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S			Weight: 107 lb FT = 20%

LUMBER-

TOP CHORD 2x6 SP No.1 BOT CHORD 2x6 SP No.1 OTHERS 2x4 SP No.2

WEDGE

Left: 2x4 SP No.2, Right: 2x4 SP 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. All bearings 12-8-0.

(lb) - Max Horz 2=218(LC 7)

Max Uplift All uplift 100 lb or less at joint(s) 2 except 12=-122(LC 34), 13=-235(LC

34), 10=-126(LC 35), 9=-264(LC 9), 8=-112(LC 7)

Max Grav All reactions 250 lb or less at joint(s) 2, 11, 12, 13, 10, 8 except 9=256(LC 41)

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

TOP CHORD 7-8=-276/168 WEBS 7-9=-195/271

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone; Lumber DOL=1.60 plate grip DOL=1.60
- 3) 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.
- 4) All plates are 2x4 MT20 unless otherwise indicated.
- 5) Gable requires continuous bottom chord bearing.
- 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 30.0psf 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2 except (jt=lb) 12=122, 13=235, 10=126, 9=264, 8=112.
- 10) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 11) See Standard Industry Piggyback Truss Connection Detail for Connection to base truss as applicable, or consult qualified building designer.
- 12) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 100 lb down and 269 lb up at 12-0-12 on top chord. The design/selection of such connection device(s) is the responsibility of others.

Continued on page 2 LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	E1GE	Common Girder	1	1	Joh Reference (ontional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:12 2021 Page 2 ID:oc86cjOn3j_xrZlawBNe_4zXlAc-TpBspl6E_WGGg6jRKcLTYaL1fhdZ09pHOC5nuVzXiAb

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
Uniform Loads (plf)
Vert: 1-5=-60, 5-8=-60, 2-8=-20
Concentrated Loads (lb)
Vert: 14=132

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	E2	Common	1	1	
					Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:12 2021 Page 1 ID:oc86cjOn3j_xrZlawBNe_4zXlAc-TpBspl6E_WGGg6jRKcLTYaL?VhbH09cHOC5nuVzXiAb

6-4-0 12-8-0 6-4-0 6-4-0

> Scale = 1:41.8 5x5 =

> > Structural wood sheathing directly applied or 6-0-0 oc purlins.

MiTek recommends that Stabilizers and required cross bracing

be installed during truss erection, in accordance with Stabilizer

Rigid ceiling directly applied or 10-0-0 oc bracing.

Installation guide.

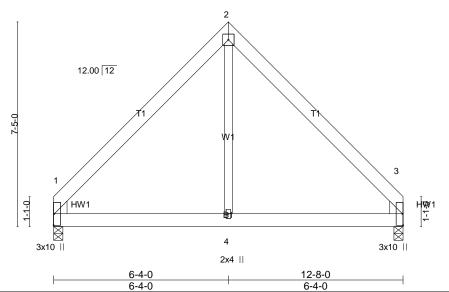


Plate Offsets (X,Y)-- [1:0-0-2,0-0-2], [1:0-0-5,0-3-15], [3:0-0-2,0-0-2], [3:0-0-5,0-3-15]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in	(loc)	I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.21	Vert(LL) -0.01	3-4	>999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.18	Vert(CT) -0.03	3-4	>999 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.10	Horz(CT) 0.00	3	n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.01	1-4	>999 240	Weight: 85 lb FT = 20%

BRACING-

TOP CHORD

BOT CHORD

LUMBER-

TOP CHORD 2x6 SP No.1 BOT CHORD 2x6 SP No.1 2x4 SP No.2 **WEBS**

WEDGE

Left: 2x6 SP No.1, Right: 2x6 SP No.1

REACTIONS. (size) 1=0-4-0 (min. 0-1-8), 3=0-4-0 (min. 0-1-8)

Max Horz 1=-171(LC 10)

Max Uplift1=-27(LC 13), 3=-27(LC 12) Max Grav 1=578(LC 20), 3=578(LC 19)

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

TOP CHORD 1-2=-629/166, 2-3=-629/166 BOT CHORD 1-4=-10/394, 3-4=-10/394

WEBS 2-4=0/455

NOTES-

1) Unbalanced roof live loads have been considered for this design.

- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 3.
- 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	E2GR	Common Girder	1	2	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:13 2021 Page 1
ID:oc86cjOn3j_xrZlawBNe_4zXIAc-y?IF057slqO7IGldtJsi4nu7S5q2IWmQdsqKQxzXiAa
6-4-0 12-8-0

6-4-0 12-8-0 6-4-0

5x5 || Scale = 1:41.8

Structural wood sheathing directly applied or 6-0-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc bracing.

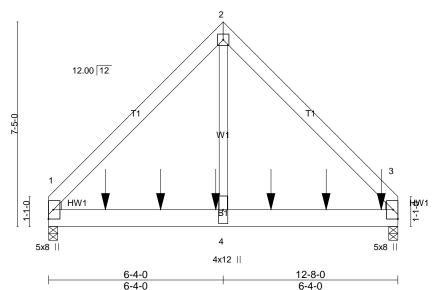


Plate Offsets (X,Y)-- [1:0-1-0,0-1-0], [1:0-2-1,0-4-6], [3:0-1-0,0-1-0], [3:0-2-1,0-4-6]

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.39	Vert(LL) -0.04 3-4 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.60	Vert(CT) -0.08 3-4 >999 240	
BCLL 0.0 *	Rep Stress Incr NO	WB 0.49	Horz(CT) 0.01 3 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S	Wind(LL) 0.03 3-4 >999 240	Weight: 186 lb FT = 20%

BRACING-TOP CHORD

BOT CHORD

LUMBER-

TOP CHORD 2x6 SP No.1 BOT CHORD 2x8 SP No.1 WEBS 2x4 SP No.2

WEDGE

Left: 2x4 SP No.2, Right: 2x4 SP No.2

REACTIONS. (size) 1=0-4-0 (min. 0-1-15), 3=0-4-0 (min. 0-2-6)

Max Horz 1=169(LC 24)

Max Uplift1=-208(LC 9), 3=-257(LC 8) Max Grav 1=3248(LC 1), 3=4045(LC 1)

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

TOP CHORD 1-2=-3106/261, 2-3=-3101/260 BOT CHORD 1-4=-126/2038, 3-4=-126/2038

WEBS 2-4=-201/4016

NOTES-

- 1) 2-ply truss to be connected together with 10d (0.131"x3") nails as follows:
 - Top chords connected as follows: 2x6 2 rows staggered at 0-9-0 oc.
 - Bottom chords connected as follows: 2x8 2 rows staggered at 0-6-0 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) Unbalanced roof live loads have been considered for this design.
- 4) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope); Lumber DOL=1.60 plate grip DOL=1.60
- 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 30.0psf 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.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 1=208, 3=257.
- 8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 9) Hanger(s) or other connection device(s) shall be provided sufficient to support concentrated load(s) 1194 lb down and 77 lb up at 2-0-12, 1050 lb down and 77 lb up at 4-0-12, 1050 lb down and 77 lb up at 4-0-12, and 1050 lb down and 77 lb up at 10-0-12, and 1201 lb down and 72 lb up at 12-0-12 on bottom chord. The design/selection of such connection device(s) is the responsibility of others.

Continued on page 2 LOAD CASE(S) Standard

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	E2GR	Common Girder	1	2	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:13 2021 Page 2
ID:oc86cjOn3j_xrZlawBNe_4zXlAc-y?IF057slqO7lGldtJsi4nu7S5q2lWmQdsqKQxzXiAa

LOAD CASE(S) Standard

1) Dead + Roof Live (balanced): Lumber Increase=1.15, Plate Increase=1.15
 Uniform Loads (plf)
 Vert: 1-2=-60, 2-3=-60, 1-3=-20
 Concentrated Loads (lb)
 Vert: 4=-1050(F) 5=-1050(F) 7=-1050(F) 8=-1050(F) 10=-1050(F) 11=-1057(F)

Job	Truss	Truss Type		Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	V1	Valley		1	1	Job Reference (optional)
Comtech, Inc., Fayett	teville, NC 28309, Bob Le		Run: 8.300 s Mar 22 20 ID:oc8	19 Print: 8 6cjOn3j_xi	rZlawBNe_	r 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:14 2021 Page 1 _4zXIAc-QCIdDR7VW7W_vQspR1Nxd?QM?UH3U15asWatyNzXiAZ
	<u> </u>	11-9-5				23-6-10
	ļ	11-9-5	'		•	11-9-5
			4x4 =			Scale = 1:58.1
	9-9-12	10.00 12 3 T1 ST	ф З З З Т2		5 ST2	6 STI1

0-Q-7 0-0-7 23-6-10 23-6-3

12

LOADING (psf) TCLL 20.0	SPACING- 2-0-0 Plate Grip DOL 1.15	CSI. TC 0.15	DEFL. in (loc) I/defl L/d Vert(LL) n/a - n/a 999	PLATES GRIP MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.16	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.23	Horz(CT) 0.01 7 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S		Weight: 118 lb FT = 20%

11

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 2x4 SP No.2 **OTHERS**

BRACING-

109

3x4 =

TOP CHORD BOT CHORD WEBS

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

1 Row at midpt 4-11

8

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

9-0-0

3x4

REACTIONS. All bearings 23-5-12.

(lb) - Max Horz 1=236(LC 11)

Max Uplift All uplift 100 lb or less at joint(s) 1 except 12=-145(LC 12), 13=-134(LC 12), 10=-145(LC 13), 8=-134(LC 13)

Max Grav All reactions 250 lb or less at joint(s) 1, 7 except 11=433(LC 22), 12=560(LC 19), 13=399(LC 19), 10=548(LC 20), 8=399(LC 20)

13

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

3-12=-357/278, 2-13=-335/261, 5-10=-357/278, 6-8=-335/261 **WEBS**

3x4 //

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-13 to 6-8-7, Interior(1) 6-8-7 to 11-9-5, Exterior(2) 11-9-5 to 18-0-15, Interior(1) 18-0-15 to 23-1-13 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) All plates are 2x4 MT20 unless otherwise indicated.
- 4) Gable requires continuous bottom chord bearing.
 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 30.0psf 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.
- 7) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 12=145, 13=134, 10=145, 8=134,
- 8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty Ply	LOT 7 WOODBURY FARI	M
J0321-1553	V2	Valley	1 1		
				Job Reference (optional)	
Comtech, Inc., Fayetteville	e, NC 28309, Bob Lewis			22 2019 MiTek Industries, Inc. We	
		9-9-5		_4zXIAc-QCIdDR7VW7W_vQspR1N 9-6-10	NXd?QKZUHUUZAaswatyNZXIAZ
		9-9-5		9-9-5	
		4x4 =			Scale: 1/4"=1'
	10.	00 12 2x4 ST2 ST1	B S∏1	2x4 4 T1 B2	9-0-0
	3x4 //			6 3x4 \	
	384 1/	9 8	7	0	
		2x4 2x4	2x4	3x4 =	
	0-0-7 0-0-7	19-6-10 19-6-3			
LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING- 2-0- Plate Grip DOL 1.1 Lumber DOL 1.1 Rep Stress Incr YE- Code IRC2015/TPI201	5 TC 0.28 Vert(Lt 5 BC 0.17 Vert(C' 5 WB 0.16 Horz(C	Ť) n/a -	l/defl L/d PLATE n/a 999 MT20 n/a 999 n/a n/a Weigh	GRIP 244/190 t: 89 lb FT = 20%
		1		L	

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 OTHERS 2x4 SP 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. All bearings 19-5-12.

(lb) - Max Horz 1=-195(LC 8)

Max Uplift All uplift 100 lb or less at joint(s) 1 except 9=-197(LC 12), 7=-197(LC

13)

Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 8=404(LC 22), 9=602(LC 19), 7=602(LC 20)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. WEBS 2-9=-474/349, 4-7=-474/349

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-13 to 6-8-7, Interior(1) 6-8-7 to 9-9-5, Exterior(2) 9-9-5 to 16-0-15, Interior(1) 16-0-15 to 19-1-13 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Gable requires continuous bottom chord bearing.
- 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 30.0psf 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.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 9=197, 7=197.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM	1
J0321-1553	V3	Valley	1	1		
					Job Reference (optional)	
Comtech, Inc., Fayettevil	le, NC 28309, Bob Lewis	Run: 8.300 s	Mar 22 2019 Print: 8.	300 s Mar	22 2019 MiTek Industries, Inc. Wed le_4zXIAc-uOs?Rn87HRerXaR0?ku/	Mar 24 15:09:15 2021 Page 1
		7-9-5	10.00000,0113)	_XIZIAWDI\	15-6-10	AACZAJUUEDWOJ4ASKOQZAIA I
		7-9-5			7-9-5	
			4x4 =			Scale = 1:38.7
			3			
	Ī					
		10.00 12				
		10.00 12				
		2x4			2x4	
	6-5-12	2 71			11 4	
	9-2		\$T2			
		\$T1			\$T1	
	_ //				5	
	ω 1 ω		B			٥
	9	~~~~~~		$\langle \chi \chi \chi \rangle$	********************	ρ
	3x4 //	8	7		6 3x4 ≫	
		2x4	2x4		2x4	
		••				
	0- 0-7 0-0-7		15-6-10			
	0-0-7		15-6-3		1	
LOADING (psf)	SPACING-	2-0-0 CSI .	DEFL. i	n (loc)	I/defl L/d PLATE	S GRIP
TCLL 20.0	Plate Grip DOL	1.15 TC 0.15	Vert(LL) n/a	a -	n/a 999 MT20	244/190
TCDL 10.0	Lumber DOL	1.15 BC 0.17	Vert(CT) n/a		n/a 999	
BCLL 0.0 * BCDL 10.0	Rep Stress Incr Code IRC2015/TP	YES WB 0.10 2014 Matrix-S	Horz(CT) 0.00	5	n/a n/a Weight:	: 68 lb FT = 20%
	3000 11(02010/11)	20			VVOIgiti	11-2070
LUMBER-	No 1		BRACING-	Ctructu	rol wood ob oothing directly applie	d or 6.0.0 oo nurling

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 2x4 SP No.2 **OTHERS**

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. All bearings 15-5-12.

(lb) - Max Horz 1=153(LC 9)

Max Uplift All uplift 100 lb or less at joint(s) 1 except 8=-151(LC 12), 6=-150(LC

Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 7=410(LC 19), 8=425(LC 19), 6=425(LC 20)

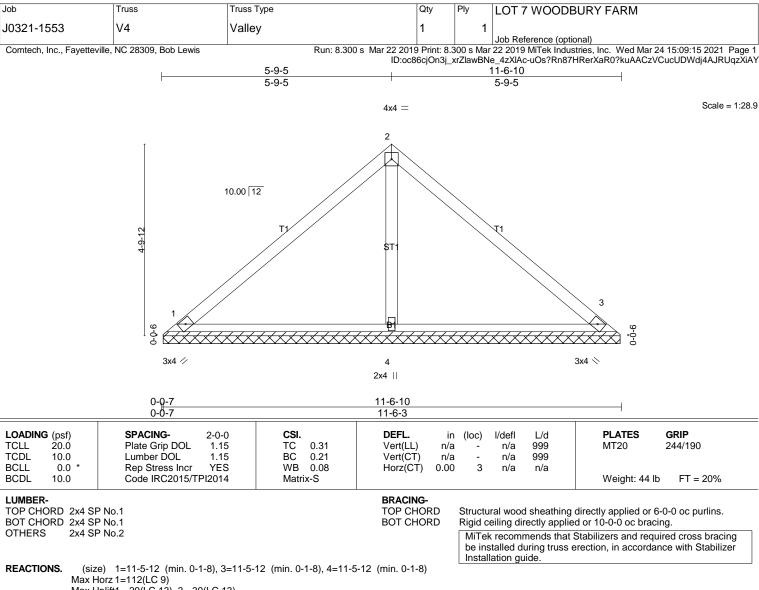
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. WEBS 2-8=-363/281, 4-6=-363/281

1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-13 to 6-8-7, Interior(1) 6-8-7 to 7-9-5, Exterior(2) 7-9-5 to 14-0-15, Interior(1) 14-0-15 to 15-1-13 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

3) Gable requires continuous bottom chord bearing.

- 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 30.0psf 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.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1 except (jt=lb) 8=151, 6=150.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

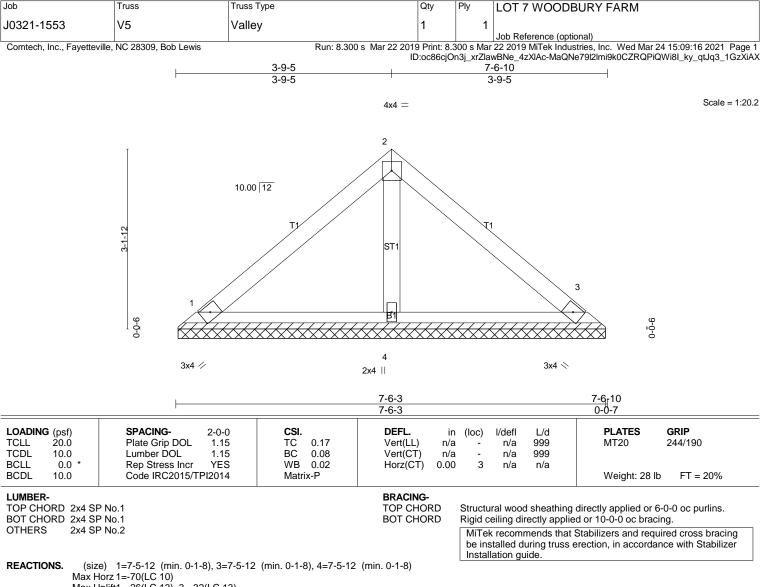


Max Uplift1=-29(LC 13), 3=-39(LC 13)

Max Grav 1=230(LC 1), 3=230(LC 1), 4=401(LC 1)

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

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Gable requires continuous bottom chord bearing.
- 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 30.0psf 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 100 lb uplift at joint(s) 1, 3.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.



Max Uplift1=-26(LC 13), 3=-32(LC 13)

Max Grav 1=156(LC 1), 3=156(LC 1), 4=228(LC 1)

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

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Gable requires continuous bottom chord bearing.
- 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 30.0psf 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 100 lb uplift at joint(s) 1, 3.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	V6	Valley	1	1	Job Reference (optional)
Comtech, Inc., Fayett	eville, NC 28309, Bob Lewis	Run: 8 1-9-5 1-9-5		n3j_xrZlav 3	ar 22 2019 MiTek İndustrieś, Inc. Wed Mar 24 15:09:17 2021 Page wBNe_4zXIAc-qn_IsSANp2uZmtbO69xeFd2u8iJHhRR0YUoYZizXiA 3-6-10 1-9-5
	Ī		3x4 =		Scale = 1:S
		10.00 12 T1		Ţ1	
	1-5-12	1			3
	9-0-0		B1		15
	3	x4 1/		3>	x4 📎
	0- <u>0-7</u> 0-0-7		3-6-10 3-6-3		
Plate Offsets (X,Y)-	- [2:0-2-0,Edge]				
LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr Code IRC2015/TF	2-0-0 CSI. 1.15 TC 0.03 1.15 BC 0.06 YES WB 0.00 Pl2014 Matrix-P	Vert(LL) n	in (loc) /a - /a - 00 3	I/defl L/d n/a 999 n/a 999 n/a n/a weight: 11 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1

BRACING-

TOP CHORD BOT CHORD

Structural wood sheathing directly applied or 3-6-10 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. (size) 1=3-5-12 (min. 0-1-8), 3=3-5-12 (min. 0-1-8)

Max Horz 1=-29(LC 10)

Max Uplift1=-6(LC 12), 3=-6(LC 13)

Max Grav 1=110(LC 1), 3=110(LC 1)

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

NOTES-

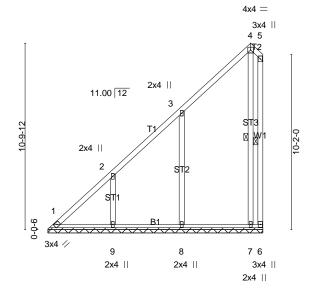
- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Gable requires continuous bottom chord bearing.
- 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 30.0psf 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 100 lb uplift at joint(s) 1, 3.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	VA1	Valley	1	1	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:17 2021 Page 1
ID:oc86cjOn3j_xrZlawBNe_4zXlAc-qn_lsSANp2uZmtbO69xeFd2sdilbhNU0YUoYZizXiAW

11-9-9 12-6-1 11-9-9 0-8-8

Scale = 1:66.9



12-6-1 12-6-1

LOADING (psf) TCLL 20.0	SPACING- 2-0-0 Plate Grip DOL 1.15	CSI. TC 0.19	DEFL. in (loc) I/defl L/d Vert(LL) n/a - n/a 999	PLATES GRIP MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.17	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.32	Horz(CT) 0.00 6 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-S		Weight: 87 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 WEBS 2x4 SP No.2 OTHERS 2x4 SP No.2 BRACING-

TOP CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

BOT CHORD WEBS

Rigid ceiling directly applied or 10-0-0 oc bracing. 1 Row at midpt 5-6, 4-7

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

REACTIONS. All bearings 12-5-11.

(lb) - Max Horz 1=344(LC 12)

Max Uplift All uplift 100 lb or less at joint(s) 1, 7 except 6=-163(LC 18),

8=-168(LC 12), 9=-155(LC 12)

Max Grav All reactions 250 lb or less at joint(s) 6 except 1=264(LC 12), 7=447(LC 19), 8=579(LC 19), 9=425(LC 19)

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

TOP CHORD 1-2=-540/487, 2-3=-343/295 WEBS 3-8=-399/330, 2-9=-364/303

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-8 to 6-8-2, Interior(1) 6-8-2 to 11-9-9, Exterior(2) 11-9-9 to 12-4-5 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Gable requires continuous bottom chord bearing.
- 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 30.0psf 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.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 7 except (jt=lb) 6=163, 8=168, 9=155.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	/	Ply	LOT 7 WOODBURY FARM	
J0321-1553	VA2	Valley	1		1		
						Job Reference (optional)	
Comtech, Inc., Fayett	eville, NC 28309, Bob L	Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:18 2021 Page 1					
					ID:oc86cjOn3j_xrZlawBNe_4zXIAc-lzY83oB?aM0QO1AagsStnrb_h6ebQqvAn8Y559z		
		İ	9-11-12		10-8-	4	

9-11-12

4x4 = 3x4 || 3 4 11.00 12 _{2x4 ||} /~/~/~/~/~/~/~/~/ 3x4 // 6 5 3x4 || 2x4 || 2x4 ||

LOADING ()	001	5	 	
		10-8-4		
		10-8-4		

LUADIN	G (psr)	SPACING- 2-0-0	Col.	DEFL.	in (loc)	ı/aeri	L/a	PLAIES	GRIP
TCLL	20.0	Plate Grip DOL 1.15	TC 0.36	Vert(LL) n/	/a -	n/a	999	MT20	244/190
TCDL	10.0	Lumber DOL 1.15	BC 0.19	Vert(CT) n/	/a -	n/a	999		
BCLL	0.0 *	Rep Stress Incr YES	WB 0.24	Horz(CT) -0.0	0 5	n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-S					Weight: 69 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 2x4 SP No.2 WFRS **OTHERS** 2x4 SP No.2 **BRACING-**

TOP CHORD

Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.

0-8-8

BOT CHORD WEBS

Rigid ceiling directly applied or 6-0-0 oc bracing.

1 Row at midpt 4-5, 3-6

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

Scale = 1:56.6

REACTIONS. All bearings 10-7-14.

(lb) - Max Horz 1=287(LC 12)

Max Uplift All uplift 100 lb or less at joint(s) 6 except 5=-174(LC 18), 7=-235(LC

Max Grav All reactions 250 lb or less at joint(s) 1, 5 except 6=385(LC 19), 7=635(LC 19)

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

TOP CHORD 1-2=-410/369 **WEBS** 2-7=-543/431

NOTES-

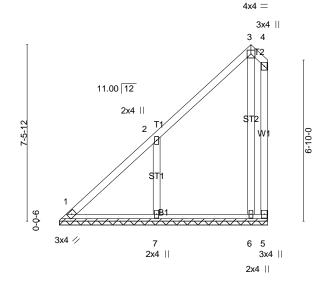
- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-8 to 6-8-2, Interior(1) 6-8-2 to 9-11-12, Exterior(2) 9-11-12 to 10-6-8 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Gable requires continuous bottom chord bearing.
- 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 30.0psf 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.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6 except (jt=lb) 5=174, 7=235.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
		**	1	*	2011 1100220111 17111111
J0321-1553	VA3	Vallev	1	1	
00021 1000	V/10	valicy	'	ļ '	
					Job Reference (optional)
Comtech, Inc., Favettevi	Run: 8.300 s M	Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:18 2021 Page 1			

ID:oc86cjOn3j_xrZlawBNe_4zXIAc-IzY83oB?aM0QO1AagsStnrb0j6e3QstAn8Y559zXiAV

	iD.0coocjOnoj_xiZiawbi	. 1
8-1-15	8 ₇ 10 ₇ 7	
8-1-15	0-8-8	

Scale = 1:48.9



8-10-7	ı
8-10-7	١

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.23	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.16	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.12	Horz(CT) 0.00 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P		Weight: 55 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 2x4 SP No.2 WFRS OTHERS 2x4 SP 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 10-0-0 oc bracing.

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

(size) 1=8-10-1 (min. 0-1-8), 5=8-10-1 (min. 0-1-8), 6=8-10-1 (min. 0-1-8), 7=8-10-1 (min. 0-1-8) REACTIONS.

Max Horz 1=231(LC 12)

Max Uplift1=-8(LC 10), 5=-180(LC 18), 6=-17(LC 12), 7=-191(LC 12)

Max Grav 1=159(LC 12), 6=420(LC 19), 7=505(LC 19)

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

TOP CHORD 1-2=-371/325 2-7=-459/387 WEBS

1) Unbalanced roof live loads have been considered for this design.

2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-8 to 6-8-2, Interior(1) 6-8-2 to 8-1-15, Exterior(2) 8-1-15 to 8-8-11 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60

3) Gable requires continuous bottom chord bearing.

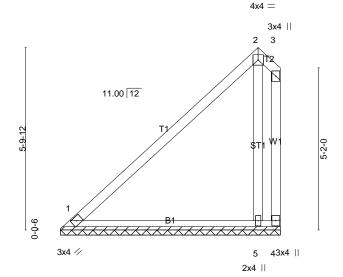
- 4) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 5) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 2-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
- 6) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 6 except (jt=lb) 5=180, 7=191.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	VA4	Valley	1	1	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:19 2021 Page 1
ID:oc86cjOn3j_xrZlawBNe_4zXIAc-m96WH8BdKg8H0BlnEaz6K284zVz19ImJ?oHedbzXiAU

		ID:0c86cjOn3j_xrZiav	VBINE_4Z/
ì	6-4-2	7-0	0-10
ļ	6-4-2	h	8-8

Scale = 1:36.8



7-0-10	
7-0-10	
<u> </u>	

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.64	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.24	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.14	Horz(CT) 0.00 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P		Weight: 39 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 WEBS 2x4 SP No.2 OTHERS 2x4 SP No.2 BRACING-

TOP CHORD

Structural wood sheathing directly applied or 7-0-10 oc purlins, except end verticals.

BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

Installation guide.

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

REACTIONS. (size) 1=7-0-3 (min. 0-1-8), 4=7-0-3 (min. 0-1-8), 5=7-0-3 (min. 0-1-8)

Max Horz 1=174(LC 12)

Max Uplift4=-273(LC 3), 5=-3(LC 12) Max Grav 1=225(LC 1), 5=513(LC 3)

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

WEBS 2-5=-274/224

NOTES-

1) Unbalanced roof live loads have been considered for this design.

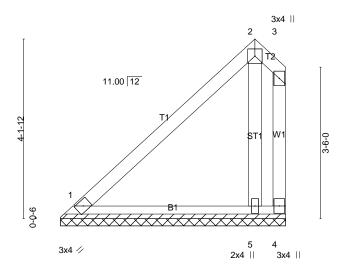
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Gable requires continuous bottom chord bearing.
- 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 30.0psf 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 100 lb uplift at joint(s) 5 except (jt=lb) 4=273
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	VA5	Valley	1	1	Joh Reference (ontional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:19 2021 Page 1
ID:oc86cjOn3j_xrZlawBNe_4zXIAc-m96WH8BdKg8H0BlnEaz6K28ALV?09KDJ?oHedbzXiAU

4-6-5 5-2-13 4-6-5 0-8-8

 $4x4 \equiv$ Scale = 1:26.6



5-2-13	
5-2-13	

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.30	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.11	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.05	Horz(CT) 0.00 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P		Weight: 28 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 WEBS 2x4 SP No.2 OTHERS 2x4 SP No.2 BRACING-

TOP CHORD

Structural wood sheathing directly applied or 5-2-13 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. (size) 1=5-2-6 (min. 0-1-8), 4=5-2-6 (min. 0-1-8), 5=5-2-6 (min. 0-1-8)

Max Horz 1=118(LC 12)

Max Uplift4=-118(LC 3), 5=-18(LC 12) Max Grav 1=157(LC 1), 5=295(LC 3)

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

NOTES-

- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Gable requires continuous bottom chord bearing.
- 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 30.0psf 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 100 lb uplift at joint(s) 5 except (jt=lb) 4=118.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODE	BURY FARM
J0321-1553	VA6	Valley	1	1	Job Reference (option	onal)
Comtech, Inc., Fayettev	ille, NC 28309, Bob Lewis		ID:oc86cjOn3j_xr	ZlawBNe_	22 2019 MiTek Indus 4zXIAc-EMguUUCF5	tries, Inc. Wed Mar 24 15:09:20 2021 Page 1 zH8dLKzoHULsGgOQvMUun_SES1CA1zXiAT
			-8-8 -8-8		-5-0 -8-8	
				4x4 =	3 3x4 T2	Scale = 1:14.5
	2-5-12	11.00 12	TY	ST1		
	9-0-0	1	B1		W1 0-01-1	
		3x4 //	2x4	5 3x4	4	
		-	3-5-0 3-5-0			
LOADING (psf) TCLL 20.0 TCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.15 Lumber DOL 1.15	TC 0.09 BC 0.03	Vert(LL) n/s Vert(CT) n/s	a -	l/defl L/d n/a 999 n/a 999	PLATES GRIP MT20 244/190
BCLL 0.0 * BCDL 10.0	Rep Stress Incr YES Code IRC2015/TPI2014		Horz(CT) 0.0	J	n/a n/a	Weight: 16 lb FT = 20%

LUMBER-

REACTIONS.

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 2x4 SP No.2 WFBS **OTHERS** 2x4 SP No.2 **BRACING-**

TOP CHORD

Structural wood sheathing directly applied or 3-5-0 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.

(size) 1=3-4-9 (min. 0-1-8), 4=3-4-9 (min. 0-1-8), 5=3-4-9 (min. 0-1-8)

Max Horz 1=61(LC 12)

Max Uplift4=-23(LC 3), 5=-14(LC 12)

Max Grav 1=89(LC 1), 4=6(LC 20), 5=153(LC 19)

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

NOTES-

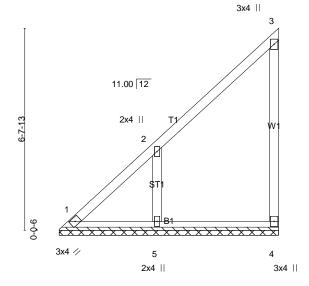
- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 3) Gable requires continuous bottom chord bearing.
- 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 30.0psf 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 100 lb uplift at joint(s) 4, 5.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job		Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1	553	VB1	Valley	1	1	Joh Reference (ontinnal)

| Job Reference (optional)
| Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:21 2021 Page 1
| ID:oc86cjOn3j_xrZlawBNe_4zXIAc-jYEGhqDusHP_FVv9L??aPTDYZJgidEScT6mliUzXiAS

7-3-1 7-3-1

Scale = 1:37.9



LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.19	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.16	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.06	Horz(CT) 0.00 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P		Weight: 37 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 WEBS 2x4 SP No.2 OTHERS 2x4 SP 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 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. (size) 1=7-2-11 (min. 0-1-8), 4=7-2-11 (min. 0-1-8), 5=7-2-11 (min. 0-1-8)

Max Horz 1=209(LC 12)

Max Uplift1=-23(LC 10), 4=-59(LC 12), 5=-164(LC 12) Max Grav 1=156(LC 12), 4=208(LC 19), 5=446(LC 19)

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

TOP CHORD 1-2=-380/324 WEBS 2-5=-409/356

NOTES

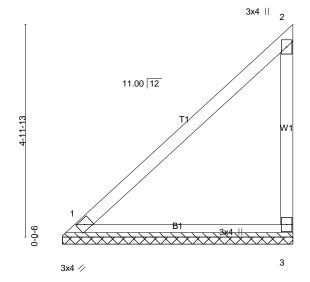
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) 0-4-8 to 6-8-2, Interior(1) 6-8-2 to 7-1-5 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Gable requires continuous bottom chord bearing.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 1, 4 except (jt=lb) 5=164.
- 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	VB2	Valley	1	1	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:21 2021 Page 1 ID:oc86cjOn3j_xrZlawBNe_4zXIAc-jYEGhqDusHP_FVv9L??aPTDUIJfndEQcT6mliUzXiAS

5-5-4 5-5-4

Scale = 1:27.0



LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.43	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.22	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) 0.00 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P		Weight: 25 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 2x4 SP No.2 WEBS

BRACING-

TOP CHORD

Structural wood sheathing directly applied or 5-5-4 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. (size) 1=5-4-14 (min. 0-1-8), 3=5-4-14 (min. 0-1-8)

Max Horz 1=153(LC 12) Max Uplift3=-94(LC 12)

Max Grav 1=197(LC 1), 3=224(LC 19)

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

NOTES-

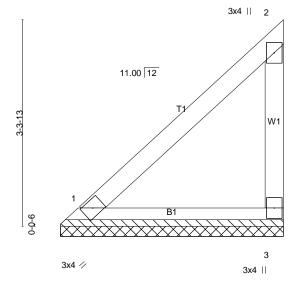
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate
- grip DOL=1.60
 2) Gable requires continuous bottom chord bearing.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
- 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	VB3	Valley	1	1	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:22 2021 Page 1 ID:oc86cjOn3j_xrZlawBNe_4zXIAc-BknevAEWdaXrtfUMviWpyhmjkj1BMhglhmWIEwzXiAR

3-7-7

Scale = 1:18.5



LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.16	Vert(LL) n/a - n/a 999	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.08	Vert(CT) n/a - n/a 999	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.00	Horz(CT) 0.00 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P		Weight: 16 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 2x4 SP No.2 WEBS

BRACING-

TOP CHORD

Structural wood sheathing directly applied or 3-7-7 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. (size) 1=3-7-1 (min. 0-1-8), 3=3-7-1 (min. 0-1-8)

Max Horz 1=96(LC 12) Max Uplift3=-59(LC 12)

Max Grav 1=124(LC 1), 3=141(LC 19)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 2) Gable requires continuous bottom chord bearing.
- 3) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 4) * This truss has been designed for a live load of 30.0psf 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.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 3.
- 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	VC1	Valley	1	1	Job Reference (optional)

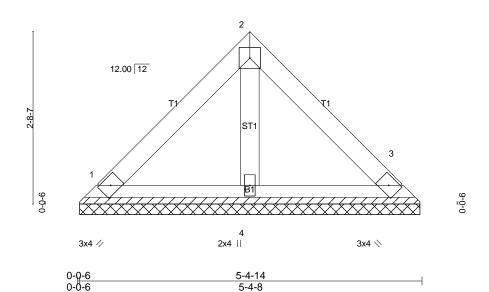
4x4 =

Comtech, Inc., Fayetteville, NC 28309, Bob Lewis

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:22 2021 Page 1 ID:oc86cjOn3j_xrZlawBNe_4zXIAc-BknevAEWdaXrtfUMviWpyhmksj2pMhUlhmWIEwzXiAR

2-8-7 5-4-14 2-8-7 2-8-7

Scale = 1:18.1



LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.09	Vert(LL)	n/a `-´	n/a	999	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.04	Vert(CT)	n/a -	n/a	999	
BCLL 0.0	Rep Stress Incr YES	WB 0.01	Horz(CT)	0.00 3	n/a	n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P					Weight: 21 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 2x4 SP No.2 **OTHERS**

BRACING-

TOP CHORD BOT CHORD Structural wood sheathing directly applied or 5-4-14 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. (size) 1=5-4-2 (min. 0-1-8), 3=5-4-2 (min. 0-1-8), 4=5-4-2 (min. 0-1-8)

Max Horz 1=59(LC 9)

Max Uplift1=-22(LC 13), 3=-22(LC 13)

Max Grav 1=115(LC 1), 3=115(LC 1), 4=147(LC 1)

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

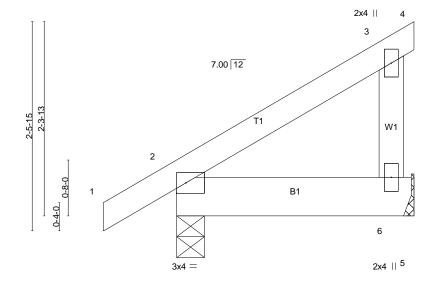
- 1) Unbalanced roof live loads have been considered for this design.
- 2) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 3) Gable requires continuous bottom chord bearing.
- 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 30.0psf 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 100 lb uplift at joint(s) 1, 3.
- 7) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	X1	Jack-Open	2	1	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MTek Industries, Inc. Wed Mar 24 15:09:23 2021 Page 1
ID:oc86cjOn3j_xrZlawBNe_4zXIAc-fxL16WE8OufiUo2YTQ22UuIvh7Nm58gvwQFsmMzXiAQ

		IB.00000JOHOJ_XIZIAWBIVO_4ZXIXO IXE IO
ı	-0-10-8	2-10-0
	0-10-8	2-10-0

Scale = 1:13.7



2-10-0
2-10-0

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.09	Vert(LL) -0.00 2 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.06	Vert(CT) -0.00 2 >999 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.02	Horz(CT) 0.00 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P	Wind(LL) 0.00 2 **** 240	Weight: 15 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x6 SP No.1 WEBS 2x4 SP No.2 BRACING-

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

REACTIONS.

(size) 2=0-4-0 (min. 0-1-8), 6=Mechanical

Max Horz 2=70(LC 12)

Max Uplift2=-6(LC 12), 6=-34(LC 12) Max Grav 2=171(LC 1), 6=106(LC 19)

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

NOTES

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 30.0psf 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.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6.
- 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	X1GE	GABLE	2	1	Job Reference (optional)

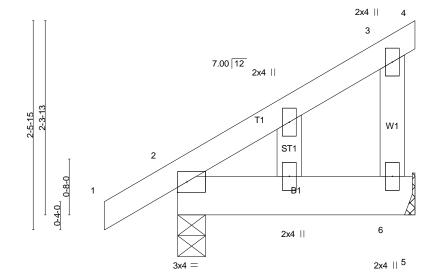
Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:23 2021 Page 1
ID:oc86cjOn3j_xrZlawBNe_4zXlAc-fxL16WE8OufiUo2YTQ22Uulvh7Nm58gvwQFsmMzXiAQ

Structural wood sheathing directly applied or 2-10-0 oc purlins.

Rigid ceiling directly applied or 10-0-0 oc bracing.

		ID.00000jOrioj_xiZiaWBivC_42XiXC IXE 10
, -C)-10-8	2-10-0
0	-10-8	2-10-0

Scale = 1:13.7



	2-10-0	
	2-10-0	

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc) I/defl L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.09	Vert(LL) -0.00 2 >999 360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.06	Vert(CT) -0.00 2 >999 240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.02	Horz(CT) 0.00 n/a n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P	Wind(LL) 0.00 2 **** 240	Weight: 16 lb FT = 20%

BRACING-TOP CHORD

BOT CHORD

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x6 SP No.1 WEBS 2x4 SP No.2 OTHERS 2x4 SP No.2

REACTIONS. (size) 2=0-4-0 (min. 0-1-8), 6=Mechanical

Max Horz 2=102(LC 12)

Max Uplift2=-31(LC 12), 6=-64(LC 12) Max Grav 2=171(LC 1), 6=110(LC 19)

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

NOTES-

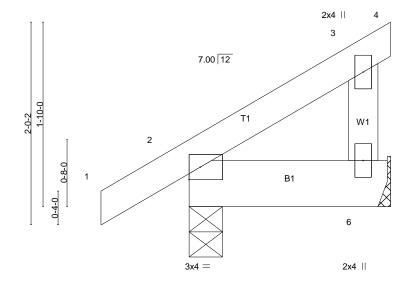
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) Truss designed for wind loads 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) Gable studs spaced at 1-4-0 oc.
- 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 30.0psf 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 6.
- 8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	X2	Jack-Open	4	1	Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:24 2021 Page 1
ID:oc86cjOn3j_xrZlawBNe_4zXIac-77vPKsFm9CnZ6ydk17ZH16r55Wjlqb?294?PJozXiAP



Scale = 1:11.4



2-0-0	
2-0-0	1

LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. ir	(loc)	l/defl	L/d	PLATES GRIP
TCLL 20.0	Plate Grip DOL 1.15	TC 0.04	Vert(LL) -0.00) 2	>999	360	MT20 244/190
TCDL 10.0	Lumber DOL 1.15	BC 0.04	Vert(CT) -0.00	2	>999	240	
BCLL 0.0 *	Rep Stress Incr YES	WB 0.01	Horz(CT) 0.00)	n/a	n/a	
BCDL 10.0	Code IRC2015/TPI2014	Matrix-P	Wind(LL) 0.00	2	>999	240	Weight: 11 lb FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x6 SP No.1 WEBS 2x4 SP No.2 BRACING-

TOP CHORD Structural wo BOT CHORD Rigid ceiling

Structural wood sheathing directly applied or 2-0-0 oc purlins. Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS.

(size) 2=0-4-0 (min. 0-1-8), 5=Mechanical

Max Horz 2=54(LC 12)

Max Uplift2=-9(LC 12), 5=-22(LC 12) Max Grav 2=144(LC 1), 5=65(LC 19)

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

NOTES-

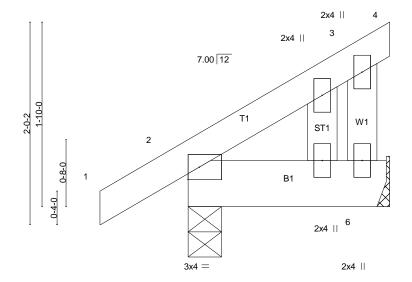
- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) and C-C Exterior(2) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- 2) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- 3) * This truss has been designed for a live load of 30.0psf 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.
- 4) Refer to girder(s) for truss to truss connections.
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 5.
- 6) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM
J0321-1553	X2GE	GABLE	2	1	
					Job Reference (optional)

Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:24 2021 Page 1
ID:oc86cjOn3j_xrZlawBNe_4zXIac-77vPKsFm9CnZ6ydk17ZH16r55Wjlqb?294?PJozXiAP



Scale = 1:11.4



2-0-0	2-0-0
	2-0-0

LOADING	(psf)	SPACING- 2-0-0	CSI.	DEFL. in	(loc)	l/defl	L/d	PLATES (GRIP
TCLL	20.Ó	Plate Grip DOL 1.15	TC 0.04	Vert(LL) -0.00	` ź	>999	360	MT20 2	244/190
TCDL	10.0	Lumber DOL 1.15	BC 0.04	Vert(CT) -0.00	2	>999	240		
BCLL	0.0 *	Rep Stress Incr YES	WB 0.01	Horz(CT) 0.00		n/a	n/a		
BCDL	10.0	Code IRC2015/TPI2014	Matrix-P	Wind(LL) 0.00	2	>999	240	Weight: 12 lb	FT = 20%

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x6 SP No.1 WEBS 2x4 SP No.2 OTHERS 2x4 SP No.2 BRACING-

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

REACTIONS. (size) 2=0-4-0 (min. 0-1-8), 5=Mechanical

Max Horz 2=79(LC 12)

Max Uplift2=-33(LC 12), 5=-41(LC 12) Max Grav 2=144(LC 1), 5=67(LC 19)

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

NOTES-

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) zone; 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) Gable studs spaced at 1-4-0 oc.
- 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 30.0psf 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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 5.
- 8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

			12	1					
Job	Truss	Truss Type	Qty	Ply	LOT 7 WOODBURY FARM				
J0321-1553	X3GE	GABLE	1	1					
	''I NO 00000 D I I I			200 14	Job Reference (optional)				
Comtech, Inc., Fayetteville, NC 28309, Bob Lewis Run: 8.300 s Mar 22 2019 Print: 8.300 s Mar 22 2019 MiTek Industries, Inc. Wed Mar 24 15:09:25 2021 Page 1 ID:oc86cjOn3j_xrZlawBNe_4zXIAc-bJTnXCGOwVvQk6Cxaq4WZJNEjw2YZ1sBOkkzrFzXiAO									
	-0-10-8		4-8-0		== 1.2.11.10				
	0-10-8		4-8-0		l				
ĪĪ					2x6 3x4 Scale = 1:10.7				
			3.00 12						
1-8-4	2		TI		ST1 W1				
0.4-0			B1						
					6 5				
	3x4	=			2x6 3x4				
	1								
LOADING (psf) TCLL 20.0 TCDL 10.0 BCLL 0.0 * BCDL 10.0	Plate Grip DOL Lumber DOL	C-0-0 CSI. 1.15 TC 0.18 1.15 BC 0.10 YES WB 0.10 Matrix-P	DEFL. i Vert(LL) -0.0 Vert(CT) 0.0 Horz(CT) 0.0	0 1 0 1	I/defl				

LUMBER-

TOP CHORD 2x4 SP No.1 BOT CHORD 2x4 SP No.1 2x4 SP No.2 WFRS **OTHERS** 2x4 SP No.2 **BRACING-**TOP CHORD

BOT CHORD

Structural wood sheathing directly applied or 4-8-0 oc purlins, except end verticals.

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. (size) 5=4-8-0 (min. 0-1-8), 2=4-8-0 (min. 0-1-8), 6=4-8-0 (min. 0-1-8)

Max Horz 2=69(LC 8)

Max Uplift5=-221(LC 1), 2=-84(LC 8), 6=-148(LC 12) Max Grav 5=70(LC 12), 2=187(LC 1), 6=449(LC 1)

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

TOP CHORD 4-5=-276/158 3-6=-326/567 WEBS

- 1) Wind: ASCE 7-10; Vult=130mph (3-second gust) Vasd=103mph; TCDL=6.0psf; BCDL=6.0psf; h=18ft; Cat. II; Exp C; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3) zone; 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) Gable requires continuous bottom chord bearing.
- 4) Gable studs spaced at 1-4-0 oc.
- 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 30.0psf 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 100 lb uplift at joint(s) 2 except (jt=lb) 5=221, 6=148,
- 8) This truss is designed in accordance with the 2015 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.