

Mark Morris, P.E.

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The truss drawing(s) listed below have been prepared by **Atlantic Building Components** under my direct supervision based on the parameters provided by the truss designers.

AST #: 46873

JOB: 24-2342-R01

JOB NAME: LOT 0.0023 HONEYCUTT HILLS

Wind Code: ASCE7-16

Wind Speed: Vult= 120mph

Exposure Category: B

Mean Roof Height (feet): 23

These truss designs comply with IRC 2015 as well as IRC 2018.

11 Truss Design(s)

Trusses:

R01, R03, R04, R06, R07, R11, R12, R13, R14, SP01, SP02



3/22/2024

Mark Morris

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Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 HONEYCUTT HILLS 377 ADAMS POINTE COURT ANGIER, NC	# 46873
24-2342-R01	R01	Common Supported Gable	1	1		

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Sun Mar 24 12:14:20 2024 Page 1
 ID:R4JAOCFxLoAUFpwqRUTCbAz_Vw6-Q8AvKGMzpf6efrV4Ev7GIXo?LiifwlymmtLudzXkkX

-0-10-8 15-9-0 31-6-0 32-4-8
 0-10-8 15-9-0 15-9-0 0-10-8

4x6 =

Scale: 3/16"=1'

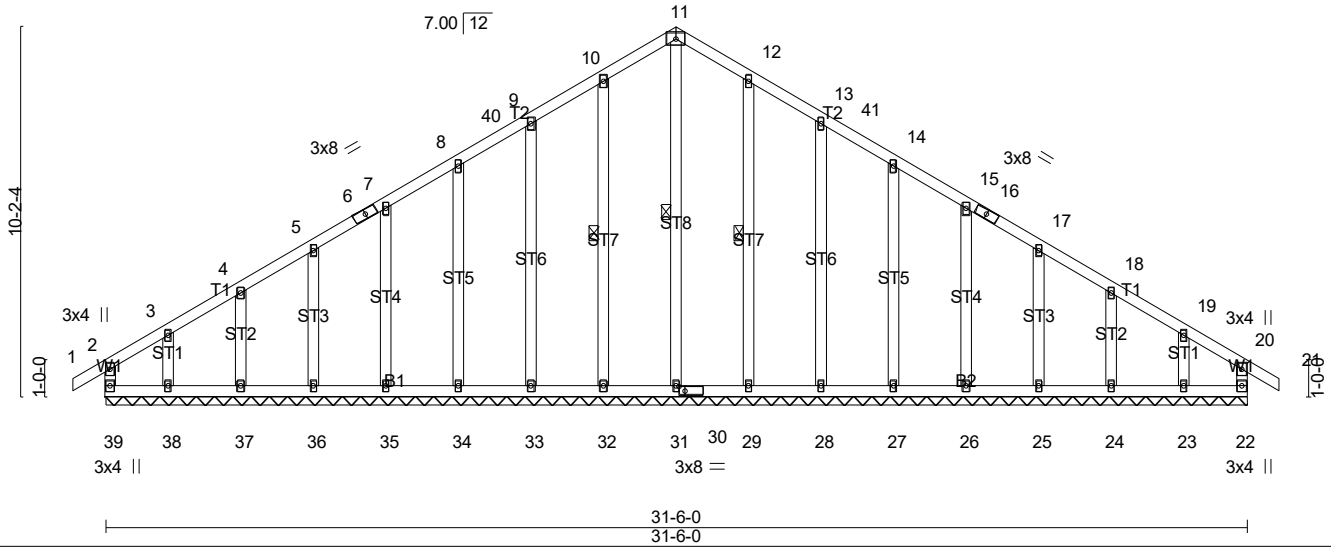


Plate Offsets (X,Y)-- [30:0-2-0,0-1-8]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof) 20.0	2-0-0	TC 0.15	Vert(LL) -0.00	21	n/r	180	MT20	244/190
Snow (Pf) 20.0	Plate Grip DOL 1.25	BC 0.12	Vert(CT) -0.00	21	n/r	80		
TCDL 10.0	Lumber DOL 1.25	WB 0.20	Horz(CT) 0.01	22	n/a	n/a		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-R						
BCDL 10.0	Code IRC2021/TPI2014							
							Weight: 224 lb	FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.3
 WEBS 2x4 SP No.3
 OTHERS 2x4 SP No.3

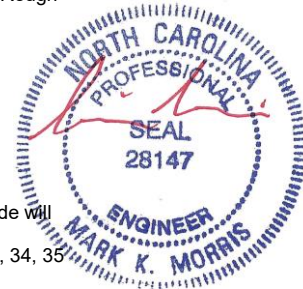
BRACING-
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 11-31, 10-32, 12-29

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

REACTIONS. All bearings 31-6-0.
 (lb) - Max Horz 39=189(LC 13)
 Max Uplift All uplift 100 lb or less at joint(s) 39, 22, 32, 33, 34, 35, 36, 37, 29, 28, 27, 26, 25, 24, 23 except 38=116(LC 14)
 Max Grav All reactions 250 lb or less at joint(s) 39, 22, 36, 37, 38, 25, 24, 23 except 31=286(LC 27), 32=296(LC 5), 33=273(LC 5), 34=251(LC 28), 35=258(LC 28), 29=295(LC 6), 28=274(LC 6), 27=251(LC 25), 26=258(LC 29)

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

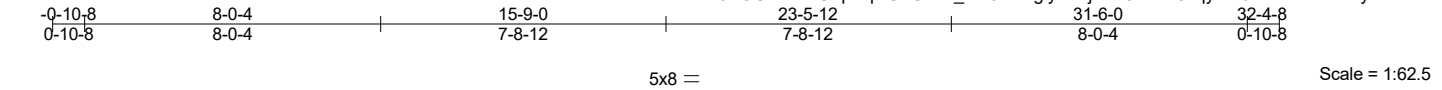
- NOTES-** (14)
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCCL=5.0psf; BCCL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3E) -0-10-8 to 3-9-0, Exterior(2N) 3-9-0 to 10-11-6, Corner(3R) 10-11-6 to 20-6-10, Exterior(2N) 20-6-10 to 27-6-14, Corner(3E) 27-6-14 to 32-4-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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.
 - TCCL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 Plate DOL=1.25); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCCL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 39, 22, 32, 33, 34, 35, 36, 37, 29, 28, 27, 26, 25, 24, 23 except (jt=lb) 38=116.



3/22/2024

LOAD CASE(S) Standard

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Scale = 1:62.5

LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES		GRIP	
TCLL (roof)	20.0	2-0-0	TC	0.84	in (loc)	l/defl	L/d	MT20	244/190	Weight: 185 lb FT = 20%	
Snow (Pf)	20.0	Plate Grip DOL	1.25	BC	0.64	Vert(LL)	-0.46 10-12 >815 240				
TCDL	10.0	Lumber DOL	1.25	WB	0.34	Vert(CT)	-0.63 10-12 >602 180				
BCLL	0.0 *	Rep Stress Incr	YES	Matrix-SH		Horz(CT)	0.06 8 n/a n/a				
BCDL	10.0	Code IRC2021/TPI2014									

LUMBER-	BRACING-
TOP CHORD 2x4 SP SS *Except* T1: 2x4 SP No.2	TOP CHORD Structural wood sheathing directly applied or 2-2-0 oc purlins.
BOT CHORD 2x4 SP SS	BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SP No.3	MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.
OTHERS 2x4 SP No.3	
SLIDER Left 2x8 SP No.2 -Ø 4-9-1, Right 2x8 SP No.2 -Ø 4-9-1	

REACTIONS. (lb/size) 2=1313/0-3-8 (min. 0-1-12), 8=1313/0-3-8 (min. 0-1-12)
 Max Horz2=-192(LC 10)
 Max Uplift2=-108(LC 14), 8=-108(LC 15)
 Max Grav2=1487(LC 24), 8=1487(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-2096/139, 3-4=-1956/179, 4-13=-1921/205, 5-13=-1820/229, 5-14=-1820/229,
 6-14=-1921/205, 6-7=-1956/179, 7-8=-2096/139
 BOT CHORD 2-15=-163/1809, 15-16=-163/1809, 12-16=-163/1809, 12-17=-9/1247, 11-17=-9/1247,
 11-18=-9/1247, 10-18=-9/1247, 10-19=-70/1667, 19-20=-70/1667, 8-20=-70/1667
 WEBS 5-10=-114/877, 6-10=-413/226, 5-12=-114/876, 4-12=-413/226

- NOTES-** (9)
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCCL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) -0-10-8 to 3-11-2, Interior(1) 3-11-2 to 10-11-6, Exterior(2R) 10-11-6 to 20-6-10, Interior(1) 20-6-10 to 27-6-14, Exterior(2E) 27-6-14 to 32-4-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - TCCL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 Plate DOL=1.25); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * 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 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=108, 8=108.

LOAD CASE(S) Standard



3/22/2024

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Job 24-2342-R01	Truss R04	Truss Type GABLE	Qty 1	Ply 1	LOT 0.0023 HONEYCUTT HILLS 377 ADAMS POINTE COURT ANGIER, NC	Job Reference (optional) # 46873
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Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Sun Mar 24 12:14:24 2024 Page 1
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0-10-8	6-7-12	13-0-0	17-6-0	22-0-0	28-4-4	35-0-0	35-10-8
0-10-8	6-7-12	6-4-4	4-6-0	4-6-0	6-4-4	6-7-12	0-10-8

5x8 =

Scale = 1:69.4

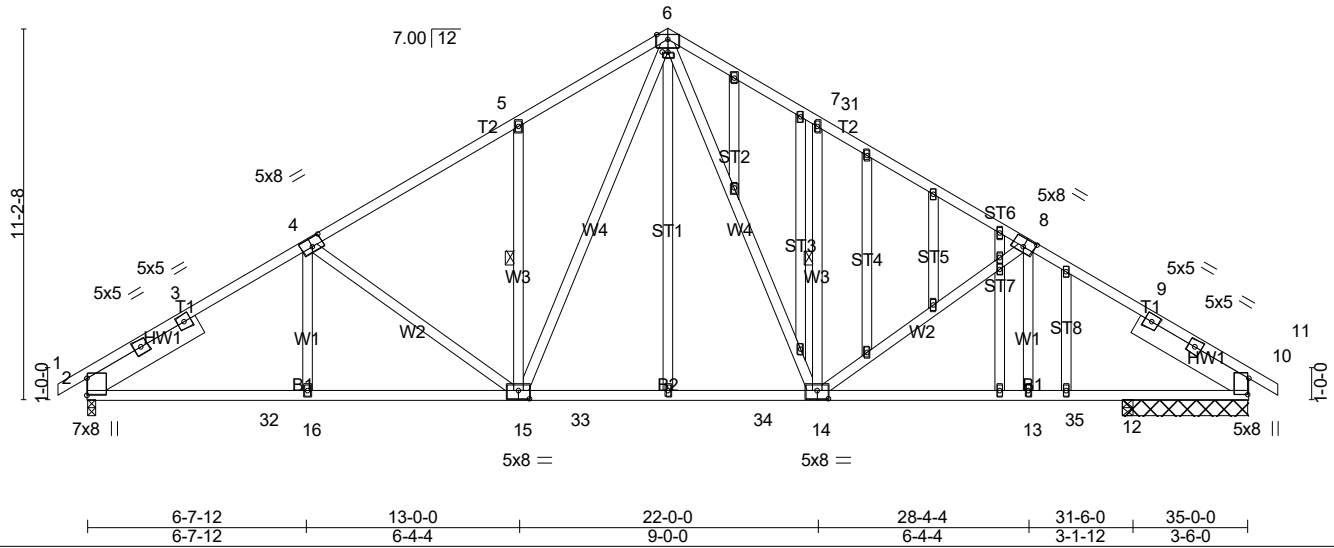


Plate Offsets (X,Y)-- [4:0-4-0,0-3-0], [6:0-2-0,0-0-0], [8:0-4-0,0-3-0], [10:0-5-15,0-0-6], [14:0-4-0,0-3-0], [15:0-4-0,0-3-0]

LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof) 20.0	2-0-0	TC 0.95	Vert(LL) -0.42	14-15	>894	240	MT20	244/190
Snow (Pf) 20.0	Plate Grip DOL 1.25	BC 0.87	Vert(CT) -0.61	14-15	>612	180		
TCDL 10.0	Lumber DOL 1.25	WB 0.52	Horz(CT) 0.07	10	n/a	n/a		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-SH						
BCDL 10.0	Code IRC2021/TPI2014							
							Weight: 292 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.1
WEBS 2x4 SP No.3
OTHERS 2x4 SP No.3
SLIDER Left 2x8 SP No.2 -Ø 3-11-6, Right 2x8 SP No.2 -Ø 3-11-6

BRACING-
TOP CHORD Structural wood sheathing directly applied.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
WEBS 1 Row at midpt 7-14, 5-15

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

REACTIONS. (lb/size) 2=1434/0-3-8 (min. 0-1-12), 10=1297/3-9-8 (min. 0-1-9), 12=174/0-3-8 (min. 0-1-8)
Max Horz 2=-212(LC 10)
Max Uplift 2=-120(LC 14), 10=-123(LC 15)
Max Grav 2=1488(LC 24), 10=1306(LC 25), 12=227(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-3=-2161/150, 3-4=-2066/172, 4-5=-1794/201, 5-6=-1829/296, 6-7=-1802/298,
7-31=-1607/203, 8-31=-1765/201, 8-9=-1911/179, 9-10=-2011/156
BOT CHORD 2-32=-196/1857, 16-32=-196/1857, 15-16=-197/1856, 15-33=-7/1224, 33-34=-7/1224,
14-34=-7/1224, 13-14=-82/1560, 13-35=-81/1559, 12-35=-81/1559, 10-12=-81/1559
WEBS 6-14=-195/914, 7-14=-484/177, 6-15=-194/970, 5-15=-470/177, 4-15=-343/144

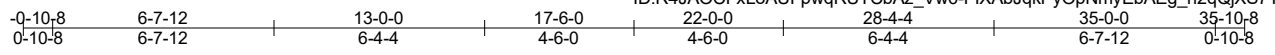
- NOTES-** (12)
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCCL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) -0-10-8 to 3-11-2, Interior(1) 3-11-2 to 12-8-6, Exterior(2R) 12-8-6 to 22-3-10, Interior(1) 22-3-10 to 31-0-14, Exterior(2E) 31-0-14 to 35-10-8 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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.
 - TCCL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 Plate DOL=1.25); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 2=120, 10=123.

LOAD CASE(S) Standard

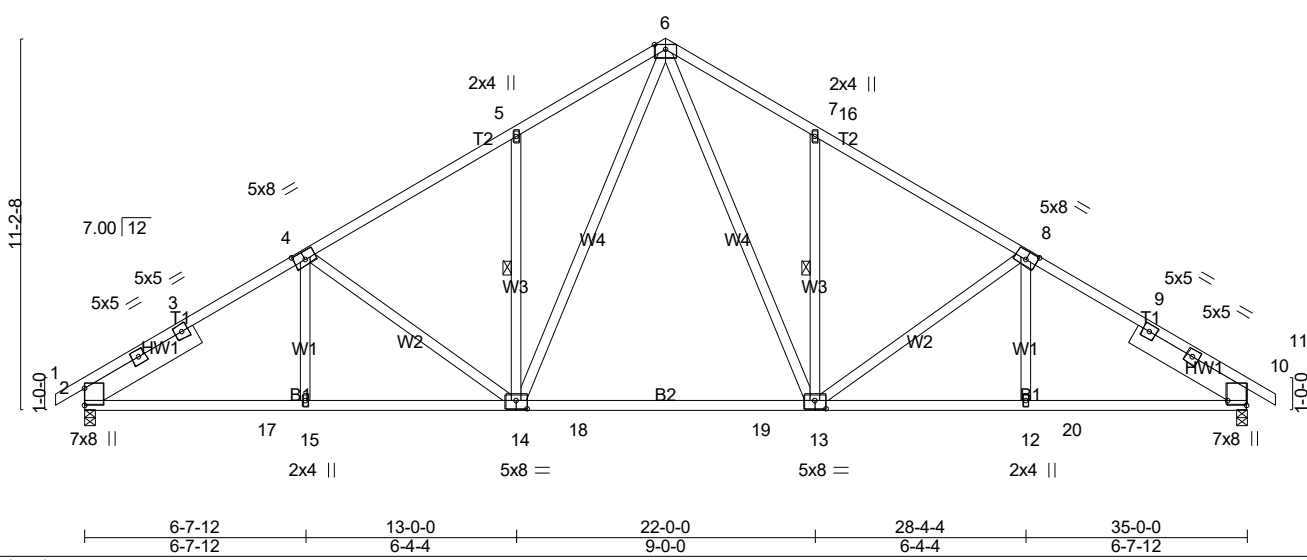


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5x8 = Scale = 1:69.4



LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES		GRIP	
TCLL (roof)	20.0	Plate Grip DOL	2.0-0	TC	1.00	Vert(LL)	-0.45 13-14 >936 240	MT20		244/190	
Snow (Pf)	20.0	Lumber DOL	1.25	BC	0.99	Vert(CT)	-0.66 13-14 >637 180				
TCDL	10.0	Rep Stress Incr	YES	WB	0.52	Horz(CT)	0.09 10 n/a n/a				
BCLL	0.0 *	Code IRC2021/TPI2014		Matrix-SH							
BCDL	10.0										Weight: 233 lb FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2 *Except*
 B2: 2x4 SP No.1
 WEBS 2x4 SP No.3
 SLIDER Left 2x8 SP No.2 -Ø 3-11-6, Right 2x8 SP No.2 -Ø 3-11-6

BRACING-
 TOP CHORD Structural wood sheathing directly applied.
 BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.
 WEBS 1 Row at midpt 7-13, 5-14

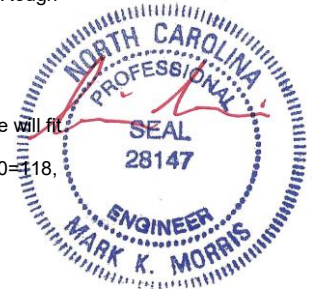
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 10=1453/0-3-8 (min. 0-1-13), 2=1453/0-3-8 (min. 0-1-13)
 Max Horz 2=-212(LC 10)
 Max Uplift 10=-118(LC 15), 2=-118(LC 14)
 Max Grav 10=1510(LC 25), 2=1510(LC 24)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-2203/149, 3-4=-2107/171, 4-5=-1836/199, 5-6=-1872/295, 6-7=-1872/296,
 7-16=-1675/199, 8-16=-1836/197, 8-9=-2108/171, 9-10=-2203/149
 BOT CHORD 2-17=-196/1892, 15-17=-196/1892, 14-15=-195/1893, 14-18=-4/1258, 18-19=-4/1258,
 13-19=-4/1258, 12-13=-74/1737, 12-20=-75/1735, 10-20=-75/1735
 WEBS 6-13=-196/975, 7-13=-488/181, 8-13=-342/143, 6-14=-196/975, 5-14=-477/182,
 4-14=-342/142

- NOTES-** (9)
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-16; VuIt=120mph (3-second gust) Vasd=95mph; TCCL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) 0-10-8 to 3-11-2, Interior(1) 3-11-2 to 12-8-6, Exterior(2R) 12-8-6 to 22-3-10, Interior(1) 22-3-10 to 31-0-14, Exterior(2E) 31-0-14 to 35-10-8 zone;C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) TCCL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 Plate DOL=1.25); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 7) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 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) 10=118, 2=118.

LOAD CASE(S) Standard



3/22/2024

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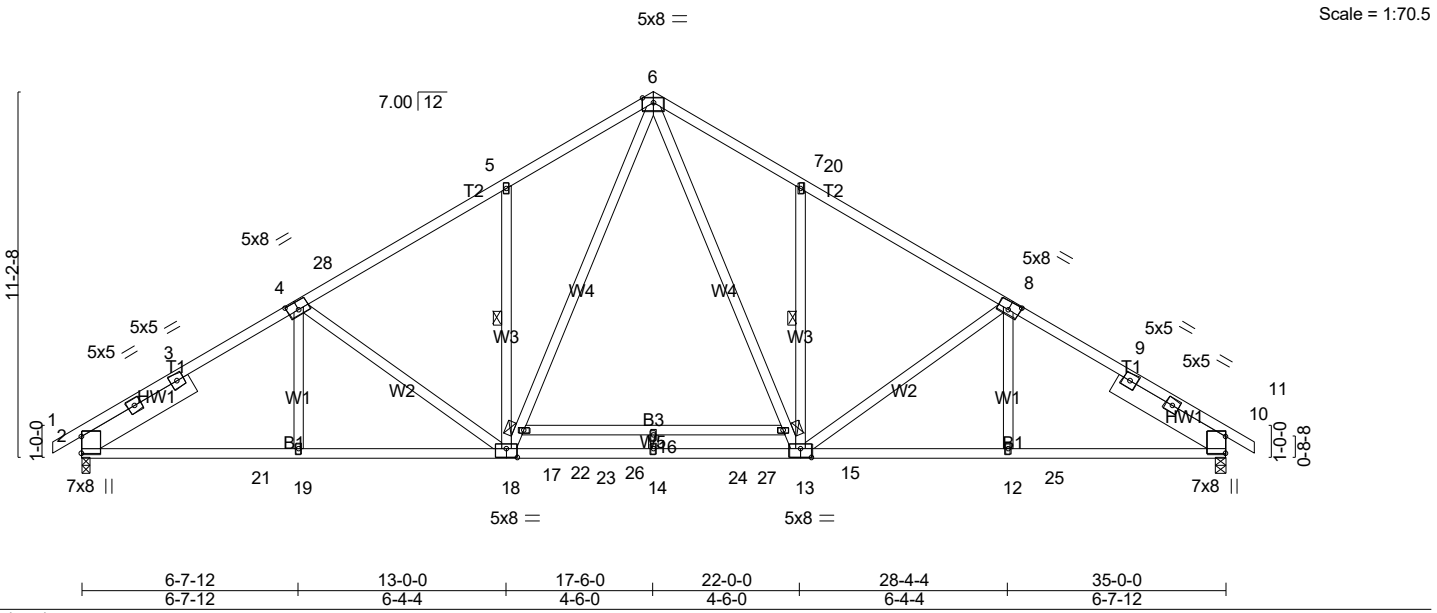
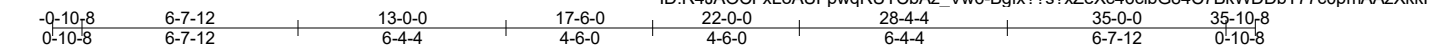


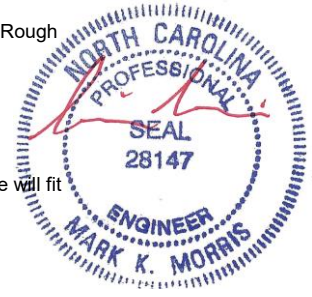
Plate Offsets (X,Y)-- [4:0-4-0-0-3-0], [8:0-4-0-0-3-0], [13:0-4-0-0-3-4], [18:0-4-0-0-3-4]					
LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL (roof) 20.0	2-0-0	TC 0.95	in (loc) l/defl L/d	MT20	244/190
Snow (Pf) 20.0	Plate Grip DOL 1.25	BC 0.97	Vert(LL) -0.49 16 >850 240		
TCDL 10.0	Lumber DOL 1.25	WB 0.49	Vert(CT) -0.75 16 >557 180		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.09 10 n/a n/a		
BCDL 10.0	Code IRC2021/TPI2014			Weight: 246 lb	FT = 20%

LUMBER-		BRACING-	
TOP CHORD 2x4 SP No.2 *Except* T1: 2x4 SP No.1		TOP CHORD	Structural wood sheathing directly applied.
BOT CHORD 2x4 SP No.1 *Except* B2: 2x4 SP SS		BOT CHORD	Rigid ceiling directly applied or 2-2-0 oc bracing.
WEBS 2x4 SP No.3		WEBS	1 Row at midpt 7-13, 5-18
SLIDER Left 2x8 SP No.2 -Ø 3-11-6, Right 2x8 SP No.2 -Ø 3-11-6			MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 2=1535/0-3-8 (min. 0-2-0), 10=1535/0-3-8 (min. 0-2-0)
 Max Horz 2=-212(LC 10)
 Max Uplift 2=-77(LC 14), 10=-77(LC 15)
 Max Grav 2=1690(LC 24), 10=1690(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-2508/82, 3-4=-2413/102, 4-28=-2172/122, 5-28=-2010/123, 5-6=-2209/219,
 6-7=-2209/219, 7-20=-2010/123, 8-20=-2172/122, 8-9=-2413/102, 9-10=-2508/82
 BOT CHORD 2-21=-139/2145, 19-21=-139/2145, 18-19=-138/2147, 18-22=0/1425, 22-23=0/1425,
 14-23=0/1425, 14-24=0/1425, 13-24=0/1425, 12-13=-18/1990, 12-25=-19/1989,
 10-25=-19/1989
 WEBS 6-15=-153/1155, 13-15=-189/1048, 7-13=-488/180, 8-13=-321/155, 17-18=-190/1049,
 6-17=-153/1155, 5-18=-488/180, 4-18=-321/154

- NOTES-** (10)
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCCL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) -0-10-8 to 3-11-2, Interior(1) 3-11-2 to 12-8-6, Exterior(2R) 12-8-6 to 22-3-10, Interior(1) 22-3-10 to 31-0-14, Exterior(2E) 31-0-14 to 35-10-8 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) TCCL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 Plate DOL=1.25); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
 - 6) All plates are 2x4 MT20 unless otherwise indicated.
 - 7) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 8) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 2, 10.



3/22/2024

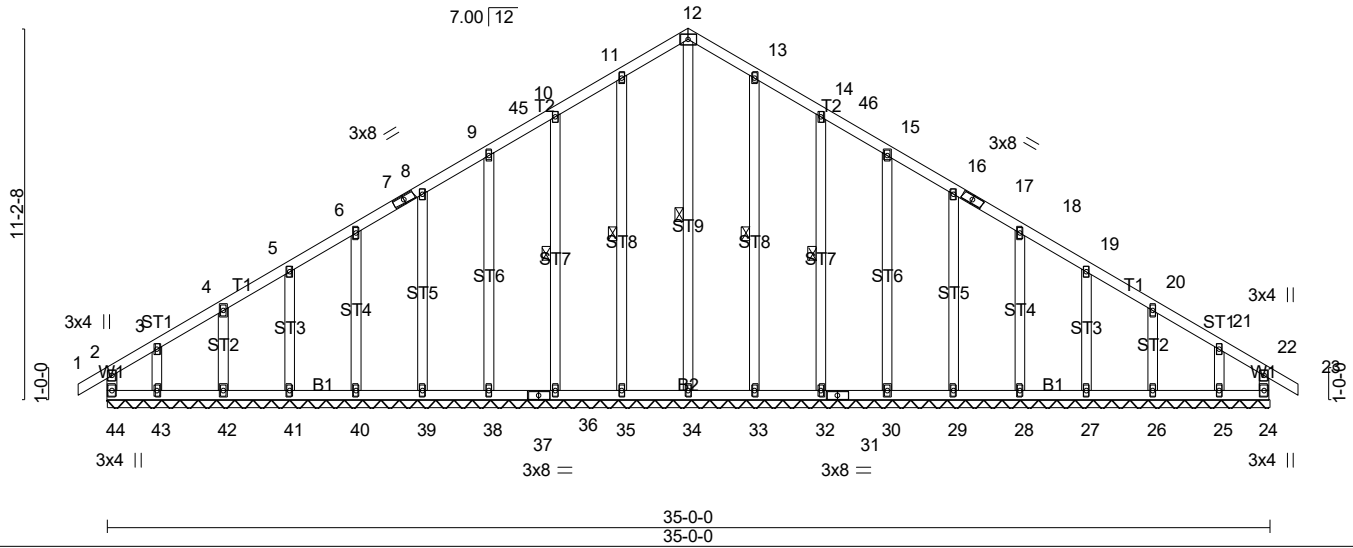
LOAD CASE(S) Standard

Warning !—Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 *Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

-0-10-8 17-6-0 35-0-0 35-10-8
 0-10-8 17-6-0 17-6-0 0-10-8

4x6 =

Scale = 1:69.4



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL (roof) 20.0	2-0-0	TC 0.17	in (loc) l/defl L/d	MT20	244/190
Snow (Pf) 20.0	Plate Grip DOL 1.25	BC 0.13	Vert(LL) -0.00 23 n/r 180		
TCDL 10.0	Lumber DOL 1.25	WB 0.13	Vert(CT) -0.00 23 n/r 80		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-R	Horz(CT) 0.01 24 n/a n/a		
BCDL 10.0	Code IRC2021/TPI2014				Weight: 262 lb FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.3
 WEBS 2x4 SP No.3
 OTHERS 2x4 SP No.3

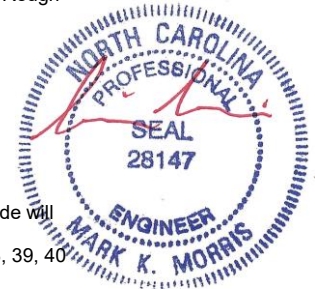
BRACING-
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 WEBS 1 Row at midpt 12-34, 11-35, 10-36, 13-33, 14-32

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

REACTIONS. All bearings 35-0-0.
 (lb) - Max Horz 44=-209(LC 12)
 Max Uplift All uplift 100 lb or less at joint(s) 24, 35, 36, 38, 39, 40, 41, 42, 33, 32, 30, 29, 28, 27, 26 except 44=-117(LC 10), 43=-137(LC 14), 25=-115(LC 15)
 Max Grav All reactions 250 lb or less at joint(s) 44, 24, 41, 42, 43, 27, 26, 25 except 34=307(LC 27), 35=296(LC 5), 36=273(LC 5), 38=253(LC 24), 39=251(LC 24), 40=258(LC 24), 33=296(LC 6), 32=273(LC 6), 30=253(LC 25), 29=251(LC 25), 28=258(LC 25)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 11-12=-152/260, 12-13=-152/260

- NOTES-** (14)
- Unbalanced roof live loads have been considered for this design.
 - Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCCL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3E) -0-10-8 to 3-11-2, Exterior(2N) 3-11-2 to 12-8-6, Corner(3R) 12-8-6 to 22-3-10, Exterior(2N) 22-3-10 to 31-0-14, Corner(3E) 31-0-14 to 35-10-8 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 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.
 - TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 Plate DOL=1.25); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - Unbalanced snow loads have been considered for this design.
 - This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
 - All plates are 2x4 MT20 unless otherwise indicated.
 - Gable requires continuous bottom chord bearing.
 - Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - Gable studs spaced at 2-0-0 oc.
 - This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members, with BCDL = 10.0psf.
 - Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 24, 35, 36, 38, 39, 40, 41, 42, 33, 32, 30, 29, 28, 27, 26 except (jt=lb) 44=117, 43=137, 25=115.



3/22/2024

LOAD CASE(S) Standard

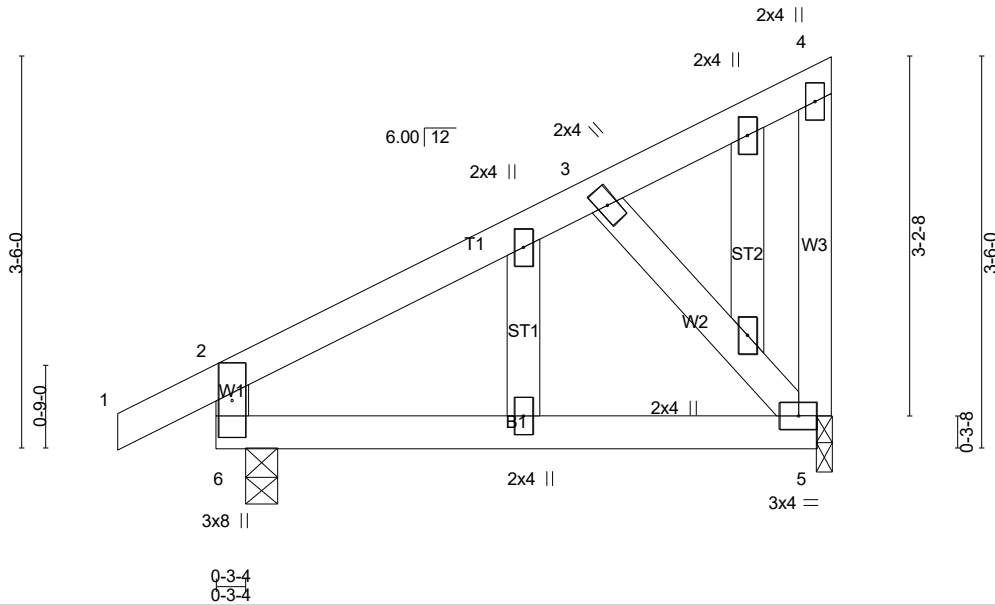
Warning !—Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 *Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 HONEYCUTT HILLS 377 ADAMS POINTE COURT ANGIER, NC
24-2342-R01	R12	GABLE	1	1	Job Reference (optional) # 46873

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Scale = 1:20.6



LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL (roof) 20.0	2-0-0	TC 0.21	in (loc) l/defl L/d	MT20	244/190
Snow (Pf) 20.0	Plate Grip DOL 1.25	BC 0.40	Vert(LL) -0.03 5-6 >999 240		
TCDL 10.0	Lumber DOL 1.25	WB 0.06	Vert(CT) -0.06 5-6 >999 180		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-SH	Horz(CT) 0.00 5 n/a n/a		
BCDL 10.0	Code IRC2021/TPI2014			Weight: 33 lb	FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.3
 WEBS 2x4 SP No.3
 OTHERS 2x4 SP No.3

BRACING-
 TOP CHORD Structural wood sheathing directly applied or 5-6-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
 MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 6=276/0-3-8 (min. 0-1-8), 5=202/0-1-8 (min. 0-1-8)
 Max Horz 6=93(LC 14)
 Max Uplift 6=-17(LC 14), 5=-54(LC 14)
 Max Grav 6=363(LC 21), 5=289(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-3=-264/20, 2-6=-308/121

- NOTES-** (12)
- 1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) 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) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 Plate DOL=1.25); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
 - 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 1-0-0 wide will fit between the bottom chord and any other members.
 - 9) Bearing at joint(s) 5 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity on bearing surface.
 - 10) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 5.
 - 11) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 6, 5.

LOAD CASE(S) Standard

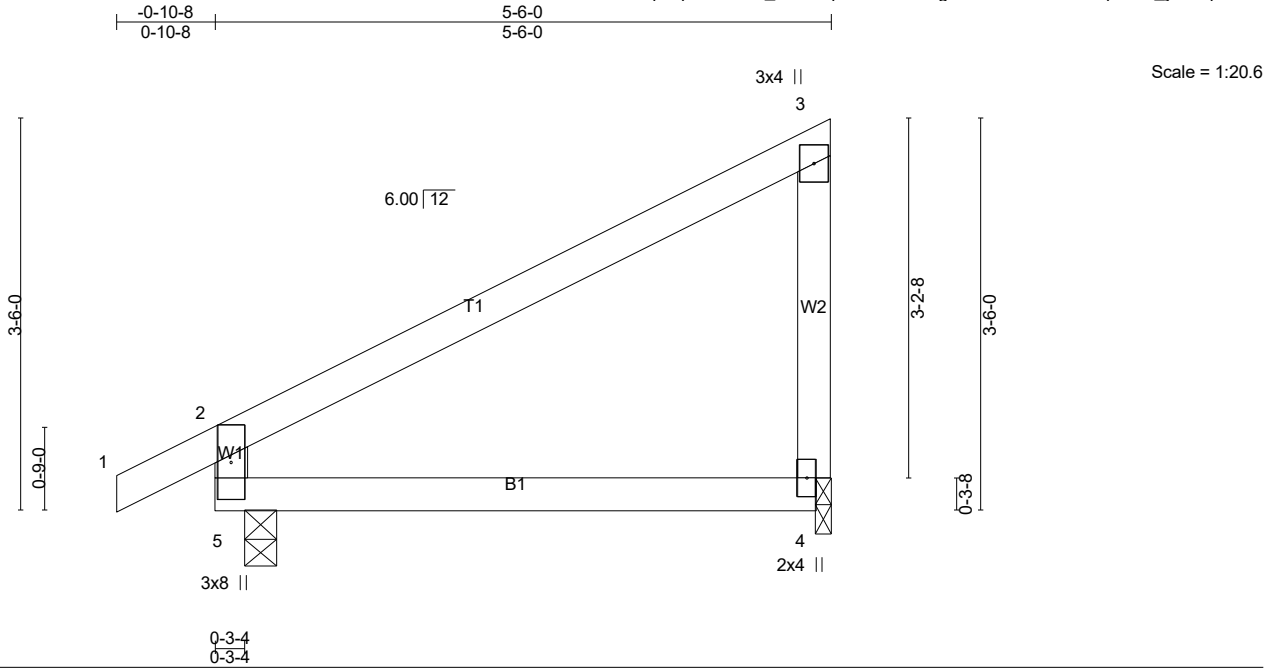


3/22/2024

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Job 24-2342-R01	Truss R13	Truss Type Monopitch	Qty 2	Ply 1	LOT 0.0023 HONEYCUTT HILLS 377 ADAMS POINTE COURT ANGIER, NC	Job Reference (optional) # 46873
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Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Sun Mar 24 12:14:34 2024 Page 1
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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL (roof) 20.0	2-0-0	TC 0.55	in (loc) l/defl L/d	MT20	244/190
Snow (Pf) 20.0	Plate Grip DOL 1.25	BC 0.25	Vert(LL) -0.03 4-5 >999 240		
TCDL 10.0	Lumber DOL 1.25	WB 0.00	Vert(CT) -0.06 4-5 >999 180		
BCLL 0.0 *	Rep Stress Incr YES	Matrix-R	Horz(CT) 0.00 4 n/a n/a		
BCDL 10.0	Code IRC2021/TPI2014			Weight: 24 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

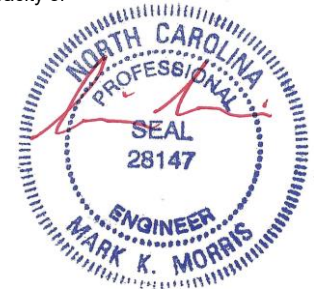
BRACING-
TOP CHORD Structural wood sheathing directly applied or 5-6-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 5=276/0-3-8 (min. 0-1-8), 4=202/0-1-8 (min. 0-1-8)
Max Horz 5=93(LC 14)
Max Uplift 5=17(LC 14), 4=54(LC 14)
Max Grav 5=363(LC 21), 4=289(LC 21)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
TOP CHORD 2-5=331/137

- NOTES-** (10)
- 1) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 2) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 Plate DOL=1.25); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 3) Unbalanced snow loads have been considered for this design.
 - 4) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
 - 5) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 6) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 7) Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
 - 8) Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
 - 9) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 4.

LOAD CASE(S) Standard



3/22/2024

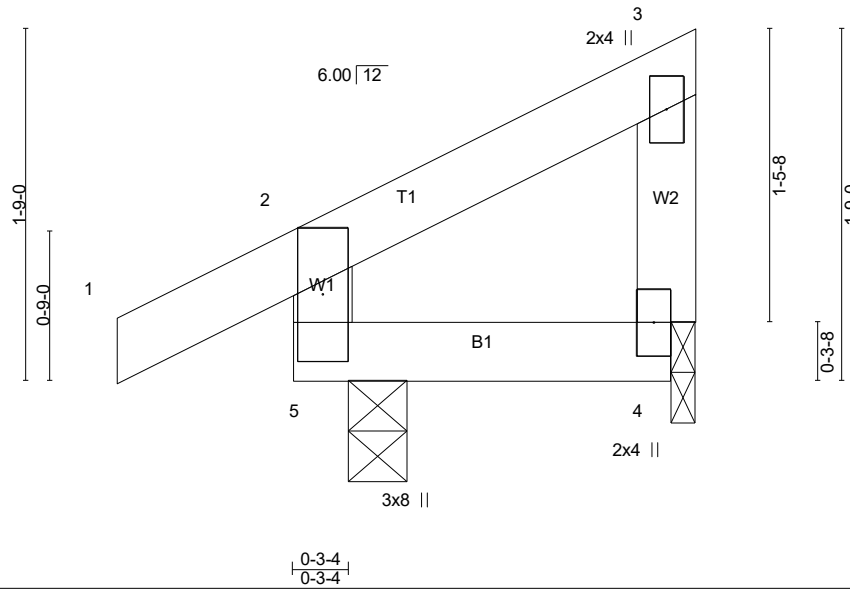
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Job 24-2342-R01	Truss R14	Truss Type Monopitch	Qty 1	Ply 1	LOT 0.0023 HONEYCUTT HILLS 377 ADAMS POINTE COURT ANGIER, NC	Job Reference (optional) # 46873
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Scale = 1:11.5



LOADING (psf)	SPACING-	CSI.	DEFL.	in (loc)	l/defl	L/d	PLATES	GRIP
TCLL (roof) 20.0	Plate Grip DOL 1.25	TC 0.12	Vert(LL) -0.00	5	>999	240	MT20	244/190
Snow (Pf) 20.0	Lumber DOL 1.25	BC 0.02	Vert(CT) -0.00	5	>999	180		
TCDL 10.0	Rep Stress Incr YES	WB 0.00	Horz(CT) -0.00	4	n/a	n/a		
BCLL 0.0 *	Code IRC2021/TPI2014	Matrix-R						
BCDL 10.0							Weight: 10 lb	FT = 20%

LUMBER-
TOP CHORD 2x4 SP No.2
BOT CHORD 2x4 SP No.2
WEBS 2x4 SP No.3

BRACING-
TOP CHORD Structural wood sheathing directly applied or 2-0-0 oc purlins, except end verticals.
BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

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

REACTIONS. (lb/size) 5=148/0-3-8 (min. 0-1-8), 4=50/0-1-8 (min. 0-1-8)
Max Horz 5=39(LC 14)
Max Uplift 5=-14(LC 14), 4=-20(LC 14)
Max Grav 5=202(LC 21), 4=64(LC 21)

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

NOTES- (10)

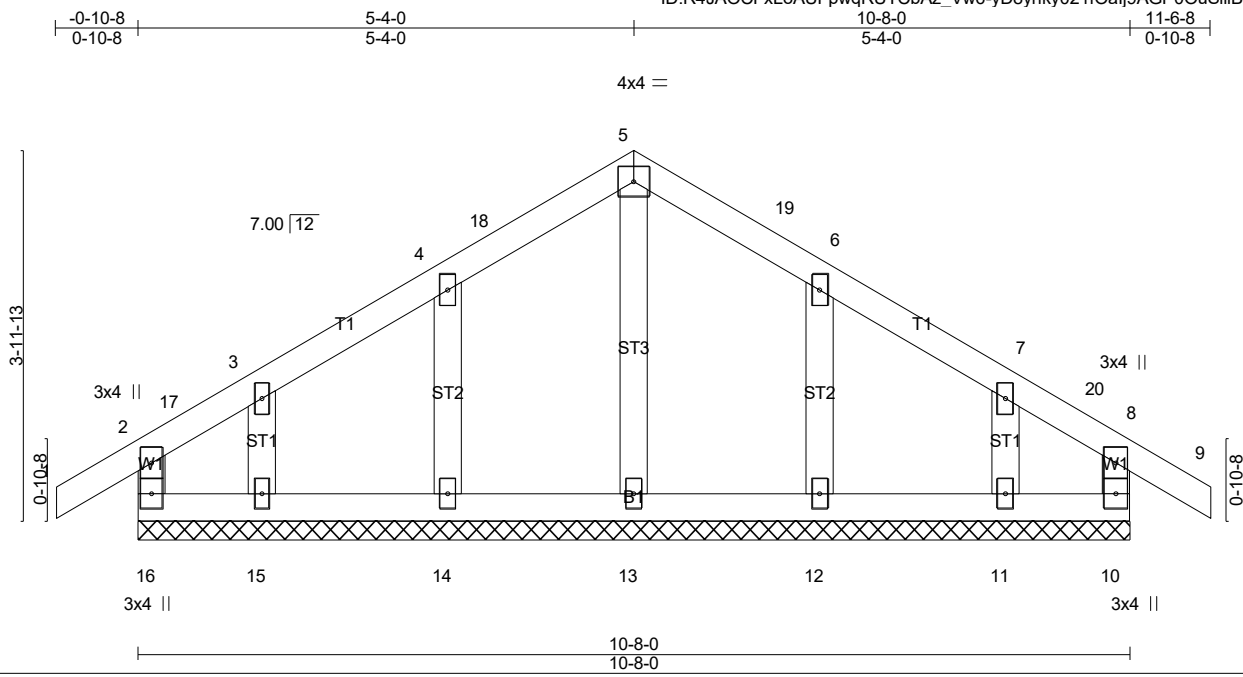
- Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
- TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 Plate DOL=1.25); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
- Unbalanced snow loads have been considered for this design.
- This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
- This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
- * 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 1-0-0 wide will fit between the bottom chord and any other members.
- Bearing at joint(s) 4 considers parallel to grain value using ANSI/TPI 1 angle to grain formula. Building designer should verify capacity of bearing surface.
- Provide mechanical connection (by others) of truss to bearing plate at joint(s) 4.
- Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 5, 4.

LOAD CASE(S) Standard



3/22/2024

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LOADING (psf)	SPACING-	CSI.	DEFL.	PLATES	GRIP
TCLL (roof) 20.0	2-0-0	TC 0.12	in (loc) l/defl L/d	MT20	244/190
Snow (Pf) 20.0	Plate Grip DOL 1.25	BC 0.05	Vert(LL) -0.00 9 n/r 180		
TCDL 10.0	Lumber DOL 1.25	WB 0.05	Vert(CT) -0.00 9 n/r 80		
BCDL 0.0 *	Rep Stress Incr YES	Matrix-R	Horz(CT) 0.00 10 n/a n/a		
BCDL 10.0	Code IRC2021/TPI2014			Weight: 54 lb	FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.3
 WEBS 2x4 SP No.3
 OTHERS 2x4 SP No.3

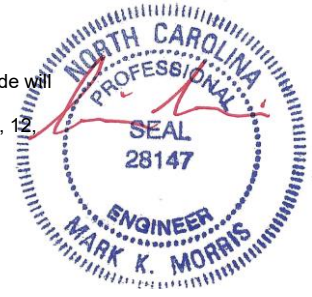
BRACING-
 TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.
 BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.
 MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. All bearings 10-8-0.
 (lb) - Max Horz 16=-71(LC 12)
 Max Uplift All uplift 100 lb or less at joint(s) 16, 10, 14, 15, 12, 11
 Max Grav All reactions 250 lb or less at joint(s) 16, 10, 13, 15, 11 except 14=258(LC 21), 12=258(LC 22)

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

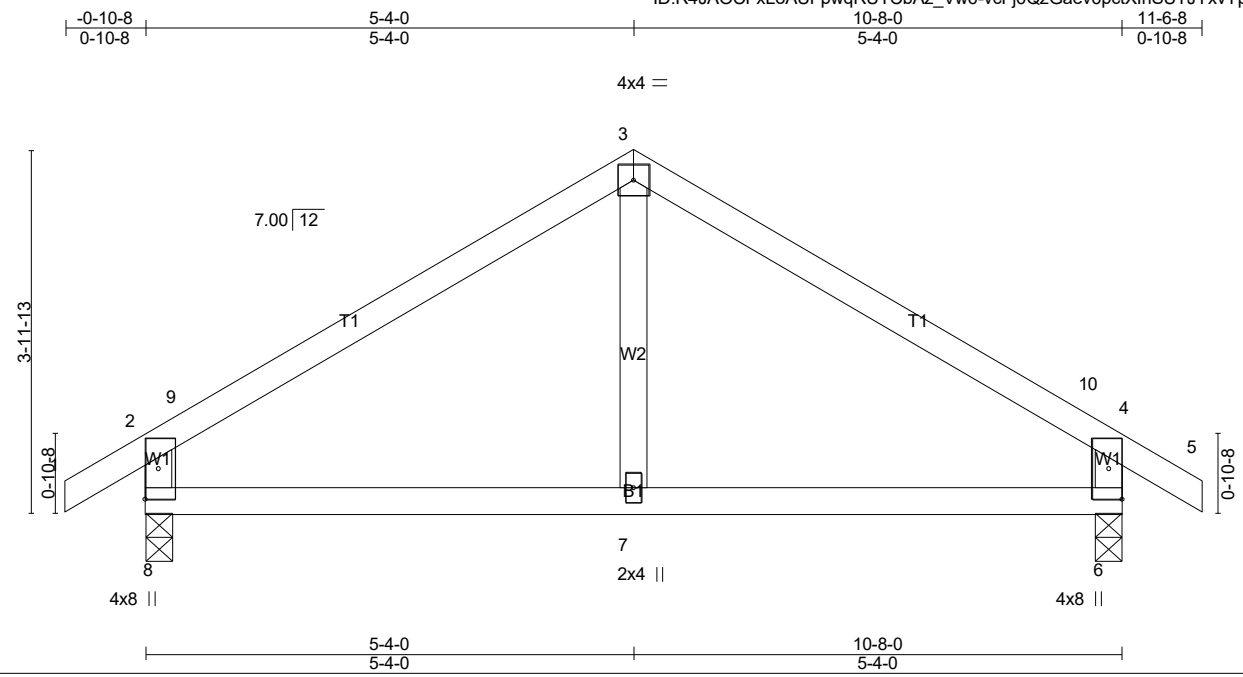
- NOTES-** (14)
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCDL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Corner(3E) -0-10-8 to 3-11-2, Corner(3R) 3-11-2 to 6-8-14, Corner(3E) 6-8-14 to 11-6-8 zone; 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) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 Plate DOL=1.25); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 5) Unbalanced snow loads have been considered for this design.
 - 6) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
 - 7) All plates are 2x4 MT20 unless otherwise indicated.
 - 8) Gable requires continuous bottom chord bearing.
 - 9) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
 - 10) Gable studs spaced at 2-0-0 oc.
 - 11) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 12) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 13) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 16, 10, 14, 15, 12, 11.

LOAD CASE(S) Standard



3/22/2024

Warning !—Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 *Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D’Onofrio Drive, Madison, WI 53719.



Scale = 1:25.2

LOADING (psf)		SPACING-		CSI.		DEFL.		PLATES	GRIP
TCLL (roof)	20.0	Plate Grip DOL	1.25	TC	0.71	Vert(LL)	-0.02 7-8 >999 240	MT20	244/190
Snow (Pf)	20.0	Lumber DOL	1.25	BC	0.25	Vert(CT)	-0.04 7-8 >999 180		
TCDL	10.0	Rep Stress Incr	YES	WB	0.08	Horz(CT)	0.01 6 n/a n/a		
BCLL	0.0 *	Code IRC2021/TPI2014		Matrix-R					
BCDL	10.0							Weight: 44 lb	FT = 20%

LUMBER-
 TOP CHORD 2x4 SP No.2
 BOT CHORD 2x4 SP No.2
 WEBS 2x4 SP No.3

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.

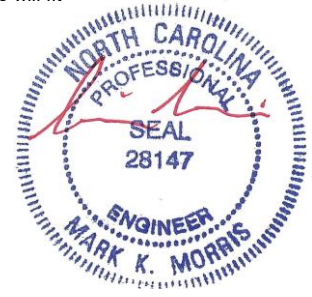
MiTek recommends that Stabilizers and required cross bracing be installed during truss erection, in accordance with Stabilizer Installation guide.

REACTIONS. (lb/size) 8=476/0-3-8 (min. 0-1-8), 6=476/0-3-8 (min. 0-1-8)
 Max Horz 8=-71(LC 12)
 Max Uplift 8=-46(LC 14), 6=-46(LC 15)
 Max Grav 8=566(LC 21), 6=566(LC 22)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.
 TOP CHORD 2-9=-511/68, 3-9=-498/94, 3-10=-498/94, 4-10=-511/68, 2-8=-516/144, 3-6=-516/144
 BOT CHORD 7-8=-3/327, 6-7=-3/327

- NOTES-** (9)
- 1) Unbalanced roof live loads have been considered for this design.
 - 2) Wind: ASCE 7-16; Vult=120mph (3-second gust) Vasd=95mph; TCCL=5.0psf; BCDL=5.0psf; h=23ft; Cat. II; Exp B; Enclosed; MWFRS (envelope) gable end zone and C-C Exterior(2E) -0-10-8 to 3-11-2, Exterior(2R) 3-11-2 to 6-8-14, Exterior(2E) 6-8-14 to 11-6-8 zone; C-C for members and forces & MWFRS for reactions shown; Lumber DOL=1.60 plate grip DOL=1.60
 - 3) TCLL: ASCE 7-16; Pr=20.0 psf (roof LL: Lum DOL=1.25 Plate DOL=1.25); Pf=20.0 psf (Lum DOL=1.15 Plate DOL=1.15); Is=1.0; Rough Cat B; Partially Exp.; Ce=1.0; Cs=1.00; Ct=1.10
 - 4) Unbalanced snow loads have been considered for this design.
 - 5) This truss has been designed for greater of min roof live load of 12.0 psf or 2.00 times flat roof load of 20.0 psf on overhangs non-concurrent with other live loads.
 - 6) This truss has been designed for a 10.0 psf bottom chord live load nonconcurrent with any other live loads.
 - 7) * This truss has been designed for a live load of 30.0psf on the bottom chord in all areas where a rectangle 3-6-0 tall by 1-0-0 wide will fit between the bottom chord and any other members.
 - 8) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 8, 6.

LOAD CASE(S) Standard



3/22/2024

Warning !—Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 *Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D*Onofrio Drive, Madison, WI 53719.