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 #: 59823 JOB: 25-3822-F02 JOB NAME: LOT 0.0011 HONEYCUTT HILLS Wind Code: N/A Wind Speed: Vult= N/A Exposure Category: N/A Mean Roof Height (feet): N/A These truss designs comply with IRC 2015 as well as IRC 2018. *20 Truss Design(s)*

Trusses:

F201, F202, F203, F204, F205, F206, F208, F209, F210, F211, F212, F213, F214, F215, F216, F217, F218, F219, F220, F221



My license renewal date for the state of North Carolina is 12/31/2025

Warning !--- Verify design parameters and read notes before use.

Job	Truss	Truss Type		Qty	Ply	LOT 0.0	011 HONEYCU	ITT HILLS 2	21 SHELBY	MEADOW L	ANE AN	GIER, NC
25-3822-F02	F201	Floor Supported Gable		1	1	loh Po	foranco (ontic			# 59	9823	
			Run: 8.4	30 s Feb 1	2 2021 Pri	nt: 8.630 s	Jul 12 2024 M	Tek Industrie	es, Inc. Sat N	lay 31 16:03	:21 2025	Page 1
			IL	J.guckszz	001/112	ZYGKHFII	NT YIOVI-UCOP	FILOUCIEO	ngnprnos		0-1-8	NIZAXVQ B
											- H -	
											Scale:	3/8"=1'
0-1 H		0.0 FD-	0.4	_								
3x4 ∥ 1 2	3 4	3x8 FP=	3x4 = 9 10	= 1'	1	12	13	14	15	16	17	
	T1				T2	0	9	•	e	•	6	[
0- ₩1 ST1	ST1 ST1	ST1 ST1 S	T1 ST1 W2 ST1	S	1	ST1	ST1	ST1	ST1	ST1	BR 21	35 0-
												ľ
34 33	32 31	30 29 28	8 27 26	2	5 24	23	22	21	20	19	18	
3x4			3x4 =		3x8 FP=	=					3x4 ∣	I
ŀ			<u>19-8-6</u> 19-8-6									
Plate Offsets (X,Y) [1	:Edge,0-1-8], [10:0-1-8,I	Edge], [27:0-1-8,Edge], [34	4:Edge,0-1-8]									
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 CSI. 1.00 TC 0 1.00 BC 0 YES WB 0	DEFL. 0.06 Vert(LL) 0.01 Vert(CT 0.03 Horz(CT)	in) n/a) n/a) 0.00	(loc) - - 18	l/defl n/a n/a n/a	L/d 999 999 n/a	PLA MT2	ATES 20	GRIP 244/190		
								vvei	gin: 85 lb	FI = 2	U%F, 1	1%E
LUMBER- TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N WEBS 2x4 SP N OTHERS 2x4 SP N	lo.1(flat) lo.1(flat) lo.3(flat) lo.3(flat)		BRACIN TOP CH BOT CH	ig- Iord Iord	Structur end ver Rigid ce	ral wood ticals. eiling dir	sheathing c	lirectly app I or 10-0-0	olied or 6-0 oc bracing)-0 oc purl g.	ins, ex	cept

REACTIONS. All bearings 19-8-6.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 34, 18, 33, 32, 31, 30, 29, 28, 27, 26, 25, 23, 22, 21, 20, 19

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

NOTES- (7-8)

1) All plates are 1.5x3 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

4) Gable studs spaced at 1-4-0 oc.

5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

6) CAUTION, Do not erect truss backwards.

7) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.

8) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply LOT	0.0011 HONEYCUTT H	ILLS 221 SHELBY MEADOW LANE ANGIER, NO
25-3822-F02	F202	Floor	3	1	Poforonco (ontional)	# 59823
			Run: 8.430 s Feb	12 2021 Print: 8.63	80 s Jul 12 2024 MiTek I	ndustries, Inc. Sat May 31 16:03:22 2025 Page 1
, 1-3-0 ,		, 0-11-12 , , 1-0-3 , ,	2-0-0			, 0-11-15 ,0-1-8
1			1			н н
						Scale = 1:32.7
		3x6 =				1.5x3
3x6 =	1.5x3	3x8 FP=			1.5x3	1.5x3 =
			8	79	10 11	
9 W1		W3 W4				
				×		
25 24	23	22 21 20	19 1 5×2 11	18 17	16 2.48 —	15 14
	3X6 —	3X0 — 1.3X3	1.5X3	3X8 FP-	388 —	
		8-4-6 8-11-15				
	7-8-12 7-8-12	<u>7-10-4 8-10-7 9-11-</u> 0-1-8 0-6-2 1-0	- <u>15 10-11-15 </u> -0 1-0-0		<u>19-11-14</u> 8-11-15	I
Plate Offsets (X,Y)	[7:0-1-8,Edge], [8:0-1-8,Edge]	, [25:Edge,0-1-8]				
LOADING (psf)	SPACING- 1-7-	3 CSI .	DEFL. i	n (loc) l/defl	L/d	PLATES GRIP
TCLL 40.0	Plate Grip DOL 1.0	0 TC 0.83	Vert(LL) -0.2	2 18-19 >671	480	MT20 244/190
BCLL 0.0	Rep Stress Incr YE	S WB 0.29	Horz(CT) -0.3	0 18-19 >491 3 14 n/a	360 n/a	
BCDL 5.0	Code IRC2021/TPI201	4 Matrix-SH				Weight: 104 lb FT = 20%F, 11%E
LUMBER-			BRACING-	o		
BOT CHORD 2x4 SF	P SS(flat) *Except*		TOP CHORD	end verticals.	od sneatning direc	tly applied or 6-0-0 oc purlins, except
WEBS 2x4 SE	4 SP No.1(flat) 2 No.3(flat)		BOT CHORD	Rigid ceiling	directly applied or f	10-0-0 oc bracing, Except:
					ing. 21-22.	
REACTIONS. (Ib/size Max G	e) 25=370/0-3-8(min. 0-1-8 irav25=375(LC 8), 21=810(LC), 21=810/0-3-8 (min. 0-1-8), 14= ; 1), 14=560(LC 4)	551/0-3-6 (min. 0-1-	8)		
	Comp /Max Top All foress	250 (lb) or loss except when she				
TOP CHORD 1-25=	-371/0, 1-2=-376/0, 2-3=-754	/0, 3-4=-754/0, 4-5=-528/0, 5-6=-	528/0, 6-7=-310/40,			
7-8=- BOT CHORD 23-24	1240/0, 8-9=-1658/0, 9-10=-1 1=0/697 22-23=0/763 21-22=	627/0, 10-11=-1627/0, 11-12=-10 -40/310_20-21=0/1240_19-20=0)24/0 /1240 18-19=0/1240			
17-18	B=0/1819, 16-17=0/1819, 15-1	6=0/1435, 14-15=0/582	4 00 004/0	,		
WEBS 7-20= 6-22=	=0/406, 8-19=-349/0, 6-21=-34 =0/389, 7-21=-1230/0, 8-18=0	/566, 11-15=-535/0, 12-15=0/576	4-22=-364/0, , 12-14=-794/0			
NOTES- (5-6)						
1) Unbalanced floor li	ve loads have been considere	d for this design.				
 All plates are 3x4 N Recommend 2x6 s 	I 20 unless otherwise indicat trongbacks, on edge, spaced	ed. at 10-0-0 oc and fastened to eac	h truss with 3-10d (0	.131" X 3") nails	s. Strongbacks to	
be attached to wall	s at their outer ends or restrai	ned by other means.		,	-	
5) Graphical web brac	cing representation does not d	epict the size, type or the orienta	tion of the brace on tl	he web. Symbo	I only indicates that	t
the member must b 6) Bearing symbols ar	e braced. e only graphical representation	ons of a possible bearing conditio	n Bearing symbols a	re not consider	ed in the structural	
design of the truss	to support the loads indicated					
LOAD CASE(S) Stand	dard					ANNUM MINIMUM
						WINNIERTH CAROLINI
					1111	TROFESSION A III
					Inn	SFAL
					Tan	28147
					HIII	
					ALL NO	A NOWSER



Job	Truss	Truss Type	Qty	Ply LOT 0.0011 HONEYC	UTT HILLS 221 SHELBY	MEADOW LANE ANGIER, NC
25-3822-F02	F203	Floor	4	1	ional)	# 59823
<u> </u>		↓ <u>0-8-4</u> ↓ <u>1-0-3</u> ↓ <u>2-0-0</u>	Run: 8.430 s Feb ID:gUCksxzC6J 	12 2021 Print: 8.630 s Jul 12 2024 7HT2yGkHFINYyiOvf-y?B4qM	uiTek Industries, Inc. Sat Qt8Su61_rCbCEKxZw⊺	May 31 16:03:23 2025 Page 1 IXMYp9VZ9nhRmSBZAxvo L0-11-15 10-1-8 Gcale: 3/8"=1'
3x6 = 1 $3x6 =$ 25 25	$ \begin{array}{c} 1.5x3 \\ 2 \\ 1.5x3 \\ 1.5x3 \\ 4 \\ 1.5x3 \\ 1.$	3x6 = 3x8 FP = 5 6 7 3x6 = 22 21 20 $3x6 = 1.5x3 \parallel$	8 19 18 1.5x3	1.5x3 79 10	11 B2 15	$1.5x3 \\ 1.5x3 = 12 \\ 12 13 26 \\ 14 6x6 $
Plate Offsets (X,Y) [7:0	7-5-4 7-5-4 1-1-8,Edge], [8:0-1-8,Edge],	8-0-14 8-8-7 7-6-12 8-6-15 9-8-7 1 0-1-8 0-6-2 1-0-0 1 0-6-2 0-1-8 [25:Edge,0-1-8]	0-8-7	<u>19-8-</u> 8-11-1	5	1
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.83 BC 0.74 WB 0.29 Matrix-SH	DEFL. in Vert(LL) -0.22 Vert(CT) -0.29 Horz(CT) 0.02	(loc) l/defl L/d 18-19 >676 480 18-19 >494 360 14 n/a n/a	PLATES MT20 Weight: 103 I	GRIP 244/190 b FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No BOT CHORD 2x4 SP SS B2: 2x4 SP WEBS 2x4 SP No	o.1(flat) 6(flat) *Except* P No.1(flat) o.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly applie 6-0-0 oc bracing: 21-22.	directly applied or 6- ed or 10-0-0 oc bracir	0-0 oc purlins, except ng, Except:
REACTIONS. (lb/size) Max Grav	25=361/Mechanical, 21=79 25=366(LC 8), 21=792(LC	02/0-3-8 (min. 0-1-8), 14=552/0-3-6 1), 14=561(LC 4)	(min. 0-1-8)			
FORCES. (Ib) - Max. Co TOP CHORD 1-25=-36 7-8=-124 BOT CHORD 23-24=0. 17-18=0/ WEBS 7-20=0/4 6-22=0/3 NOTES- (6-7) 1) Unbalanced floor live l	mp./Max. Ten All forces 2 52/0, 1-2=-365/0, 2-3=-723/0 66/0, 8-9=-1662/0, 9-10=-16 674, 22-23=0/712, 21-22=- 1822, 16-17=0/1822, 15-16 09, 8-19=-347/0, 6-21=-332 65, 7-21=-1245/0, 8-18=0/5 00000000000000000000000000000000000	250 (lb) or less except when shown. 0, 3-4=-723/0, 4-5=-476/0, 5-6=-476/ 30/0, 10-11=-1630/0, 11-12=-1026/0 35/308, 20-21=0/1246, 19-20=0/1246 2-0/1437, 14-15=0/582 2/11, 1-24=0/457, 2-24=-403/0, 4-22= 562, 11-15=-536/0, 12-15=0/577, 12- 1 for this design.	0, 6-7=-308/35,) 6, 18-19=0/1246, =-366/0, 14=-795/0			
 All plates are 3x4 MT2 Refer to girder(s) for tr Recommend 2x6 strom be attached to walls at CAUTION, Do not erec Graphical web bracing the member must be b Bearing symbols are o design of the truss to s 	0 unless otherwise indicate uss to truss connections. Igbacks, on edge, spaced a their outer ends or restrain ct truss backwards. representation does not de raced. nly graphical representatior support the loads indicated.	d. t 10-0-0 oc and fastened to each tru ed by other means. pict the size, type or the orientation of as of a possible bearing condition. Be	iss with 3-10d (0. of the brace on th earing symbols ar	131" X 3") nails. Strongbacl e web. Symbol only indicate e not considered in the stru	ks to es that ctural	64 - ²
LOAD CASE(S) Standard	1				SEAL 2814	ROLLER STRUCTURE

5/31/2025



REACTIONS. (lb/size) 6=60/1-11-14 (min. 0-1-8), 4=21/1-11-14 (min. 0-1-8), 5=98/1-11-14 (min. 0-1-8)

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

NOTES- (5-6)

- 1) Gable requires continuous bottom chord bearing.
- 2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

3) Gable studs spaced at 1-4-0 oc.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

5) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.

6) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty P	ly LOT 0.00	11 HONEYCUTT HI	LLS 221 SHELBY	MEADOW LANE ANGIER, NO
25-3822-F02	F205	Floor	4	1 Iob Ref	erence (ontional)		# 59823
		Ru	n: 8.430 s Feb 12 2 ID:gUCksxzC6J	2021 Print: 8.630 s 7HT2yGkHFINY	Jul 12 2024 MiTek Ir yiOvf-QBIT1iQVvi	ndustries, Inc. Sat M m0ze8QO8vIZUn	lay 31 16:03:24 2025 Page 1 TfemrNuwsJ?LBJ_dzAxvn
							0-1-8
1-3-0		0-8-4 1-0-3 2-0-0					0 <u>-5-1</u> 5 H Scale = 1:35.6
		3x6 =					1.5x3
3x6 =	1.5x3 3	Bx8 FP=			1.5x3		1.5x3 =
1 :	2 3 4		9	T2	10 11	12	13 14 W5
		W3 W4					
		19787 #7		¥			
27 26	25	24 23 22 21	20 19	18	17	16	⊠ 15
	3x8 =	3x6 = 1.5x3 1.5x3	3x8 FP=	:	3x8 =		6x6
			4X4 —				
	7-5-4	8-0-14 8-8-7 7-6-12 8-6-15 9-8-7 10-8-7			21-8-6		
	7-5-4	0-1-8 0-6-2 1-0-0 1-0-0 0-6-1 0-1-8			10-11-15		
Plate Offsets (X,Y) [7:0-	-1-8,Edge], [8:0-1-8,Edge],	[27:Edge,0-1-8]					
LOADING (psf)	SPACING- 1-7-3 Plate Grip DOI 1.00	CSI. DEF TC 0.74 Ver	=L. in (t(LL) -0.29.20	(loc) l/defl)-21 >579	L/d 480	PLATES MT20	GRIP 244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.91 Ver	t(CT) -0.4020)-21 >423	360	W120	244/100
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	2(01) 0.03	15 II/a	n/a	Weight: 113 lb	FT = 20%F, 11%E
LUMBER-		BRA	ACING-				
TOP CHORD 2x4 SP SS T1: 2x4 SP	(flat) "Except" No.1(flat)	IUF	CHORD S	nd verticals.	sneatning direct	ly applied or 6-0	-0 oc puriins, except
BOT CHORD 2x4 SP SS B2: 2x4 SF	(flat) *Except* ' No.1(flat)	BOT	F CHORD R 6-	igid ceiling dire -0-0 oc bracing	ectly applied or 1 : 23-24.	0-0-0 oc bracing	g, Except:
WEBS 2x4 SP No	.3(flat)						
REACTIONS. (Ib/size) 2 Max Grav2	27=317/Mechanical, 23=94 27=322(LC 8), 23=949(LC	9/0-3-8 (min. 0-1-8), 15=614/0-3-6 (min 1), 15=622(LC 4)	. 0-1-8)				
FORCES. (lb) - Max. Cor	np./Max. Ten All forces 2	250 (lb) or less except when shown.					
9-10=-21	21/0, 10-11=-1841/0, 11-12	2=-1841/0, 12-13=-950/0	00-0/0400				
18-19=0/2	2188, 17-18=0/2063, 16-17	/1201, 21-22-0/1201, 20-21-0/1201, 19- /=0/1490, 15-16=0/389	-20-0/2100,				
WEBS 7-22=0/5 6-24=0/4	20, 8-21=-449/0, 6-23=-333 54, 7-23=-1614/0, 8-20=0/8	3/17, 1-26=0/385, 2-26=-335/0, 4-24=-39 371, 9-20=-439/0, 10-17=-283/0, 12-17=0	4/0, /448,				
12-16=-7	03/0, 13-16=0/730, 13-15=	-766/0					
NOTES- (6-7) 1) Unbalanced floor live lo	ads have been considered	l for this design.					
2) All plates are 3x4 MT2(3) Refer to girder(s) for true) unless otherwise indicate	d.					
4) Recommend 2x6 strong	pbacks, on edge, spaced a	t 10-0-0 oc and fastened to each truss w	ith 3-10d (0.131	1" X 3") nails. S	Strongbacks to		
5) CAUTION, Do not erec	t truss backwards.	eu by ourer means.		wah Cumuhalan			
the member must be br	representation does not de aced.	pict the size, type or the orientation of the	e brace on the v	veb. Symbol or	ily indicates that		
 Bearing symbols are or design of the truss to see 	nly graphical representatior upport the loads indicated.	is of a possible bearing condition. Bearin	g symbols are n	not considered	in the structural	WHINTH CA	Internet in
LOAD CASE(S) Standard					Inthe	OFESS	ON NA III
					MIM	PORT AL	and a state of the
					Mun	28147	
					HIII	1	
					(Intro	AP	ALS WITH
						MININ K. M	Oummu

5/31/2025

Job	Truss	Truss Type	G	ity Ply	LOT 0.0011	HONEYCUTT HILLS 221 SHELBY	MEADOW LANE ANGIER, N
25-3822-F02	F206	Floor	2		1		# 59823
			Run: 8.430	s Feb 12 202	Job Refer	ence (optional) I 12 2024 MiTek Industries, Inc. Sat	May 31 16:03:25 2025 Page 1
			ID:gUC	ksxzC6J7H1	[2yGkHFINYyiC	vf-uOJrF2R7g38qGI_bidHo1_?	rTA9SdOZSE?wtW3zAxvn
1-3-0		0-7-4 0-9	9-7	2-0-0			<u>1-1-3</u> −0-1-8
							Scala = 1:26.0
							Scale - 1.30.0
		00					
		3x8 =					
3x6 =	1.5x3	3x8 FP=				1.5X3	1.5x3 =
1	2 3 4 $ T1$ $ -$	5 6 7	8	9	T2		13
			4	- L			WE 28 9
- 7 H					B		
	<u>u</u> ₀ ,			e			
27 26	25	24 23 22 21	20 19	1	8 17	16	15 14
	3x8 =	3x8 FP=	1.5x3	1.5	ix3	3x8 =	
	0.00 —		1.000	1.0		000 —	
		11	-0-0 12-1-11				
H	9-10-4	9-11 ₋ 12	12-0-3 13-	<u> -11 14-1-11 </u>		21-11-14	
Plate Offsets (X,Y) [8	:0-1-8,Edge], [9:0-1-8,Edge],	[13:0-1-8,Edge], [27:Edge,0-1	- <u>0-4 1-0-30-1-81-(</u> -8]	J-U I-U-U		7-10-3	
	<u></u>	<u></u>	-,				
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL.	in (loo	c) I/defi L	_/d PLATES	GRIP
TCDI 10.0	Lumber DOL 1.00	BC 0.98	Vert(LL)	-0.1917-1	8 > 771 4	80 MI20 60	244/190
BCLL 0.0	Rep Stress Incr YES	WB 0.32	Horz(CT)	0.03 1	4 n/a r	n/a	
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH				Weight: 114	lb FT = 20%F, 11%E
		I	BBACING	_			
TOP CHORD 2x4 SP N	No.1(flat)		TOP CHO	- RD Stru	ictural wood sh	neathing directly applied or 6-	0-0 oc purlins. except
BOT CHORD 2x4 SP	No.1(flat)			end	verticals.	······································	· · · · · · · · · · · · · · · · · · ·
WEBS 2x4 SP M	No.3(flat)		BOT CHO	RD Rigi	d ceiling direct	ly applied or 2-2-0 oc bracing	g.
REACTIONS. (lb/size)	27=415/0-3-8 (min. 0-1-8).	14=513/0-3-6 (min. 0-1-8). 21	=979/0-3-8 (min	. 0-1-8)			
Max Gra	av 27=427(LC 8), 14=532(LC	4), 21=979(LC 1)					
TOP CHORD $1-27=-4$	20mp./Max. Ten All forces 2 423/0 14-28=-531/0 13-28=-	.530/0 1-2=-445/0 2-3=-957/0	own. 3-4=-957/0				
4-5=-80	62/0, 7-8=-479/125, 8-9=-126	57/0, 9-10=-1531/0, 10-11=-132	26/0, 11-12=-132	6/0,			
12-13=	-535/0						
BOT CHORD 25-26= 19-20=	:0/829, 24-25=0/1014, 23-24= :0/1267_18_19=0/1267_17_18	=0/683,22-23=0/683,21-22=-3 8=0/1267_16_17=0/1596_15_16	47/110, 20-21=-3 3=0/1049	344/112,			
WEBS 8-19=0	/333, 9-18=-287/0, 7-21=-85	3/0, 1-26=0/558, 2-26=-500/0,	4-24=-268/0,				
5-24=0	/301, 5-22=-601/0, 7-22=0/4	59, 8-20=-1059/0, 7-20=0/569,	9-17=0/410,				
10-16=	-346/0, 12-16=0/353, 12-15=	-670/0, 13-15=0/675					
NOTES- (5-6)							
1) Unbalanced floor live	e loads have been considered	l for this design.					
2) All plates are 3x4 MT	20 unless otherwise indicate	d.		0.1 (0.4048)			
3) Recommend 2x6 stro	ongbacks, on edge, spaced a at their outer ends or restrain	It 10-0-0 oc and tastened to ea	ach truss with 3-1	ua (0.131° .	x 3") nalis. Sti	rongbacks to	
4) CAUTION, Do not er	ect truss backwards.	ed by other means.					
5) Graphical web bracin	ng representation does not de	pict the size, type or the orient	ation of the brace	e on the wel	b. Symbol only	indicates that	
the member must be	braced.				a a maintain and im		
 b) Bearing symbols are design of the truss to 	only graphical representation	is of a possible bearing conditi	on. Bearing symi	pois are not	considered in	the structural	
	support the locate maleated.					A A A A A A A A A A A A A A A A A A A	(IIII)
LOAD CASE(S) Standa	ard					WHINGTH CA	ROI
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						· ** ** * * * * * * * * * * * * * * * *	allar.
						5/31/	2025
Warning !—Verify desi	gn parameters and read notes b	efore use. This design is based only	upon parameters sl	nown, and is f	for an individual l	building component to be installed	and loaded

Job	Truss	Truss Type	Qty	Ply LC	OT 0.0011 HONEYCU	TT HILLS 221 SHELE	BY MEADOW LANE A	NGIER, NO
25-3822-F02	F208	Floor	1	1 Jo	ob Reference (optic	onal)	# 5982.	3
			Run: 8.430 s Feb 1 ID:gUCksxzC6	2 2021 Print: 8 J7HT2yGkH	8.630 s Jul 12 2024 M FINYyiOvf-uOJrF2I	Tek Industries, Inc. Sa R7g38qGI_bidHo1_	t May 31 16:03:25 20 ?yTALhdPOSE?wt	25 Page 1 W3zAxvm
1-3-0							0-7-8	
							Scal	e: 3/4"=1'
				1.5x3	II		3x6	=
1 3x6 =	2		3	4	:	5	6	
1-2-0			TH P			*	W3	1-2-0
			B1		4			•
12	11	10		9 3x8 :	_		8	
1-6-0		4-0-0		9-1-8			10-0-0	
Plate Offsets (X,Y) [1	2:Edge,0-1-8]	2-6-0		5-1-8			0-10-8	
LOADING (psf) TCLL 40.0	SPACING- 1- Plate Grip DOL 1	7-3 CSI. .00 TC 0.22	DEFL. in Vert(LL) -0.02	(loc) l/d 9-10 >9	lefi L/d 99 480	PLATES MT20	GRIP 244/190	

Vert(CT)

Horz(CT)

BRACING-

TOP CHORD

BOT CHORD

-0.03

0.01

9-10

7

end verticals.

>999

n/a

360

n/a

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

Weight: 54 lb

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

FT = 20%F, 11%E

WEBS

LUMBER-

TCDL

BCLL

BCDL

10.0

0.0

5.0

TOP CHORD 2x4 SP No.1(flat)

BOT CHORD 2x4 SP No.1(flat)

REACTIONS. (lb/size) 12=429/0-3-8 (min. 0-1-8), 7=429/0-3-8 (min. 0-1-8)

Lumber DOL

Rep Stress Incr

Code IRC2021/TPI2014

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

TOP CHORD 1-12=-424/0, 6-7=-429/0, 1-2=-450/0, 2-3=-941/0, 3-4=-902/0, 4-5=-902/0, 5-6=-261/0

1.00

YES

BOT CHORD 10-11=0/839, 9-10=0/1019, 8-9=0/677

2x4 SP No.3(flat)

WEBS 1-11=0/564, 2-11=-507/0, 5-9=0/287, 5-8=-541/0, 6-8=0/447

NOTES- (3-4)

1) All plates are 3x4 MT20 unless otherwise indicated.

2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

BC

WB

Matrix-SH

0.20

0.27

3) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.

4) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0011 HONEY	CUTT HILLS 221 SHELBY	MEADOW LANE ANGIER, NC
25-3822-F02	F209	Floor	5	1	Job Reference (o	ptional)	# 59823
			Run: 8.430 s Feb 12 ID:gUCksxzC6J7H	2 2021 Print T2yGkHFI	t: 8.630 s Jul 12 2024 NYyiOvf-NasDSO	4 MiTek Industries, Inc. Sat SmRNGhuRZnGKo1ZC	May 31 16:03:26 2025 Page 1 Y0eaWPMrkbTfgQ2WzAxvl
1-3-0		⊢ <mark>0-8-4</mark> ⊢ 0-9-7 ⊢ ⊢ − − −	2-0-0				<u>1-1-3</u> 0- <u>1</u> -8
							Scale = 1:29.7
3x6 =	3x8 FP=	3x6 =	7		1	.5x3 9 10	1.5x3 =
			<u>т2</u>				
1.1.1.20		103 104		_ //			W5 B1 24 0.
		B1 27 0	θ	TT -		B2	
23 22	21	20 19 18	17	16	15	14	13 12
		3x6 = 1.5x3 ∣	1.5x3		3x8 FP=	3x8 =	
	<u>6-0-12</u> 6-0-12	<u>6-2-4 7-2-7</u> 8-2-118-4-3 9-4-3	<u>3 10-4-3</u>		1	8-2-6 -10-3	
Plate Offsets (X,Y) [6:0	-1-8,Edge], [7:0-1-8,Edge],	[11:0-1-8,Edge], [23:Edge,0-1-8]					
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL. in	(loc) l	/defl L/d	PLATES	GRIP
TCDL 10.0	Lumber DOL 1.00	BC 0.94	Vert(LL) -0.18 Vert(CT) -0.24	16-17 > 16-17 >	>809 480 >595 360	MT20	244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr YES Code IRC2021/TPI2014	WB 0.33 Matrix-SH	Horz(CT) 0.02	12	n/a n/a	Weight: 95 lb	FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP No	0.1(flat) 0.1(flat)		TOP CHORD	Structura	al wood sheathin	g directly applied or 6-	0-0 oc purlins, except
WEBS 2x4 SP No	p.3(flat)		BOT CHORD	Rigid cei	ling directly appl	lied or 10-0-0 oc bracir	ıg, Except:
				6-0-0 oc 2-2-0 oc	bracing: 19-20 bracing: 17-18.		
REACTIONS. (lb/size) Max Grav	23=282/0-3-8 (min. 0-1-8), 23=305(LC 8), 12=539(LC 4	12=533/0-3-6 (min. 0-1-8), 20=75 4), 20=758(LC 1)	8/0-3-8 (min. 0-1-8)				
FORCES. (Ib) - Max Co	mp /Max Ten - All forces 2	50 (lb) or less except when shown					
TOP CHORD 1-23=-30)1/0, 12-24=-538/0, 11-24=-	537/0, 1-2=-287/0, 2-3=-480/0, 3-4	 =-480/0, 11- 542/0				
BOT CHORD 21-22=0	/525, 20-21=0/421, 18-19=0	/1325, 17-18=0/1325, 16-17=0/132	25, 15-16=0/1629,				
WEBS 6-18=0/3	/1629, 13-14=0/1066 01, 7-17=-259/0, 5-20=-436	6/0, 1-22=0/360, 2-22=-310/0, 4-20	=-337/0,				
6-19=-10 11-13=0/)04/0, 5-19=0/574, 7-16=0/3 /686	45, 8-14=-355/0, 10-14=0/364, 10	-13=-681/0,				
NOTES- (5-6)							
1) Unbalanced floor live I	oads have been considered	for this design.					
3) Recommend 2x6 stron	gbacks, on edge, spaced a	t 10-0-0 oc and fastened to each t	russ with 3-10d (0.1	31" X 3")	nails. Strongba	cks to	
be attached to walls at 4) CAUTION, Do not erec	their outer ends or restrainent truss backwards.	ed by other means.					
5) Graphical web bracing	representation does not de	pict the size, type or the orientation	n of the brace on the	e web. Sy	mbol only indica	tes that	

the member must be braced. 6) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural

design of the truss to support the loads indicated.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0011 HONEYCUTT HILLS 221 SHELBY MEADOW LANE A	NGIER, NC
25-3822-F02	F210	Floor Supported Gable	1	1	Job Reference (optional) # 59823	}

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MITek Industries, Inc. Sat May 31 16:03:27 2025 Page 1 ID:gUCksxzC6J7HT2yGkHFINYyiOvf-rmQbgkTOChOXVb8zq2JG6P5LWz4C5NalhJP_byzAxvk

0<u>-1-</u>8





			11-11-14			
Plate Offsets (X,Y)	[1:Edge,0-1-8], [6:0-1-8,Edge], [16:0-	1-8,Edge], [20:Edge,0-1-8	3]			
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	(loc) l/defl L/d - n/a 999 - n/a 999 11 n/a n/a	PLATES GR MT20 244 Weight: 54 lb	IP I/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF OTHERS 2x4 SF	P No.1(flat) P No.1(flat) P No.3(flat) P No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d end verticals. Rigid ceiling directly applied	irectly applied or 6-0-0 o or 10-0-0 oc bracing.	oc purlins, except

REACTIONS. All bearings 11-11-14.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 20, 11, 19, 18, 17, 16, 15, 14, 13, 12

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

NOTES-(7-8)

1) All plates are 1.5x3 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

4) Gable studs spaced at 1-4-0 oc.

5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

6) CAUTION, Do not erect truss backwards.

7) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.

8) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard







lob	Truss	Truss Type	Qty	Ply	LOT 0.0011 HONEY	CUTT HILLS 221 SHELBY N	IEADOW LANE ANGIER, NO
25-3822-F02	F212	Floor Supported Gable	1	1	Job Reference (o	ntional)	# 59823
0-1-8			Run: 8.430 s Feb 1 ID:gUCksxzC6	12 2021 Prii J7HT2yG	nt: 8.630 s Jul 12 202 kHFINYyiOvf-rmQt	AMTek Industries, Inc. Sat M ogkTOChOXVb8zq2JG6P	ay 31 16:03:27 2025 Page J SLYz4C5NblhJP_byzAxvk Scale = 1:38.1
1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 4 15 0 ST1 ST1 ST1 S XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	3x8 FP = 3x $5 7 8 9 10$ $1 5 1 5 1 0 5 1$ $3x 5 34 33 32 3$ $3x 4 = 5$	4 = 11 12 11 ST1 1 ST1 2 ST1 31 30 29 3x8 I	13 ST1 28 FP=	14 15 ST1 ST1 XXXXXXXX 27 26	16 17 1 ST1 ST1 S F2 P 25 24 2	3x4 8 19 20 1 ST 1 7 1 3 22 21 3x4
		23-3-	4				
Plate Offsets (X,Y) [11:0-1-8,Edge], [32:0-1-8,Edge], [40:Edge,0-1-8]	4				·
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. I TC 0.06 N BC 0.01 N WB 0.03 H Matrix-SH	DEFL. in /ert(LL) n/a /ert(CT) n/a Horz(CT) 0.00	(loc) - - 21	l/defl L/d n/a 999 n/a 999 n/a n/a	PLATES MT20 Weight: 100 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS. All be (lb) - Max Gr	No.1(flat) No.1(flat) No.3(flat) No.3(flat) arings 23-3-4. rav All reactions 250 lb or less	E T E at joint(s) 40, 21, 39, 38, 37, 36, 35,	3RACING- OP CHORD 3OT CHORD 34, 33, 32, 31, 3	Structur end vert Rigid ce	al wood sheathin ticals. illing directly appl	g directly applied or 6-0	-0 oc purlins, except
FORCES. (Ib) - Max.	24, 23, 22 Comp./Max. Ten All forces 2	50 (Ib) or less except when shown.					

NOTES- (7-8)

=

1) All plates are 1.5x3 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

4) Gable studs spaced at 1-4-0 oc.

5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

6) CAUTION, Do not erect truss backwards.

7) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.

8) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply LOT 0.0011 HONEYC	UTT HILLS 221 SHELB	Y MEADOW LANE ANGIER, NC
25-3822-F02	F213	FLOOR	3	1		# 59823
			Run: 8.430 s Feb 1	Job Reference (op 2 2021 Print: 8.630 s Jul 12 2024	tional) MiTek Industries, Inc. Sa	t May 31 16:03:28 2025 Page 1
			ID:gUCksxz	2C6J7HT2yGkHFINYyiOvf-Jz	_zt4T0y_WO7lj9NlqVe	eddTtNHkqeNuwz9X7OzAxvj
0-1-8	120		200			1 / 11
	1-3-0	H	2-0-0			Scale = 1:38.8
1.5x3 =		3x8 FP=		3x8 FP=		
6x6 =	$6x6 = 4x6 \parallel$	5 0 7	0	4x6	6x6 =	6x8 =
	2 T1 4		8			14
						W2 W1 S
	por 1					
28 27	26	25 24 23 22	21 20	19 18	17	16 15
6x8 =	= 6x8 =	3x8 MT20HS FP=	3x	8 MT20HS FP=	6x8 =	6x8 =
		4x6		4x6		
	10-7-11	1	1-7-11,12-7-11,	23-3-	6	
Plate Offsets (X Y) [10-7-11 1.0-1-8 0-0-8] [14:0-3-0 Edge	1 [21:0-3-0 0-0-0]	1-0-0 1-0-0	10-7-1	11	
				<i>// // // // // //////////////////////</i>		
TCLL 40.0	Plate Grip DOL 1.0	TC 0.21	Vert(LL) -0.42	(IOC) 1/defi L/d 21-22 >653 480	MT20	244/190
TCDL 10.0	Lumber DOL 1.0	BC 0.63	Vert(CT) -0.58	21-22 >475 360	MT20HS	187/143
BCDL 5.0	Code IRC2021/TPI201	4 Matrix-SH		15 11/a 11/a	Weight: 180	lb FT = 20%F, 11%E
LUMBER-			BRACING-			
TOP CHORD 2x4 SP	No.1(flat)		TOP CHORD	Structural wood sheathing	directly applied or 6	6-0-0 oc purlins, except
WEBS 2x4 SP	No.1(flat) No.3(flat)		BOT CHORD	end verticals. Rigid ceiling directly applie	ed or 10-0-0 oc brac	ina.
) 00-1010/0 0 0 (min 0 1)) 45-4040/0 0 0 (min 0 4 0)		· · · · · · · · · · · · · · · · · · ·		
REACTIONS. (ID/SIZE	e) 28=1013/0-3-6 (min. 0-1-6	3), 15=1013/0-3-8 (min. 0-1-8)				
FORCES. (lb) - Max.	Comp./Max. Ten All forces	250 (lb) or less except when sh	10WN.			
5-6=-	5118/0, 6-7=-5975/0, 7-8=-62	48/0, 8-9=-5975/0, 9-10=-5118/	'0, 10-11=-5118/0,			
11-12 BOT CHORD 26-27	=-3651/0, 12-13=-3651/0, 13- =0/2697 25-26=0/4521 24-2	14=-1485/0 5=0/5691 23-24=0/5691 22-2	3=0/6248 21-22=0/6248	1		
20-21	=0/6248, 19-20=0/5691, 18-1	9=0/5691, 17-18=0/4521, 16-1	7=0/2697	',		
WEBS 7-23= 2-27=	-678/135, 6-23=0/527, 6-25= -1485/0, 1-27=0/1743, 8-20=	/11/0, 4-25=0//40, 4-26=-106′ 678/135. 9-20=0/527. 9-18=-7′	1/0, 2-26=0/1163, 11/0. 11-18=0/740.			
11-17	=-1061/0, 13-17=0/1163, 13-	6=-1503/0, 14-16=0/1735				
NOTES- (6-7)						
1) Unbalanced floor liv	e loads have been considere	d for this design.				
3) All plates are 3x6 M	IT20 unless otherwise indicate	ed.				
 Required 2x6 strong attached to walls at 	gbacks, on edge, spaced at 1 their outer ends or restrained	0-0-0 oc and fastened to each	truss with 3-10d (0.131"	X 3") nails. Strongbacks to	o be	
5) CAUTION, Do not e	erect truss backwards.	by other means.				
 6) Graphical web brack the member must b 	ing representation does not d e braced	epict the size, type or the orien	tation of the brace on the	e web. Symbol only indicate	es that	
7) Bearing symbols ar	e only graphical representation	ns of a possible bearing condit	ion. Bearing symbols are	e not considered in the stru	ctural	
design of the truss t	to support the loads indicated					illiller.
LOAD CASE(S) Stand	lard				WHENTH C.	AROLINI
					A OFES	SIPAN SIL
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					11111	" [
					The AS SNOW	EF. C. MI
					MARK Y	MORRIGHT
					Man ha	annum annum
					5/31	/2025

Job	Truss	Truss Type	Qty	Ply L	OT 0.0011 HONEYCUTT	HILLS 221 SHELBY	MEADOW LANE AN	GIER, NC
25-3822-F02	F214	FLOOR	8	1			# 59823	
			Run: 8.430 s Feb	J 12 2021 Print:	ob Reference (optional 8.630 s Jul 12 2024 MiTek) Industries, Inc. Sat !	May 31 16:03:28 2025	5 Page 1
			ID:gUCksxz	2C6J7HT2yG	kHFINYyiOvf-Jz_zt4T0	y_WO7lj9NlqVedd	LHNKHqfWuwz9X7	7OzĂxvj
0-1-8	1-3-0		2-0-0				1-1-3	
∦├ '''	1-0-0	ł	2-0-0				Scale =	= 1:38.4
4x6 =	4 5-2 11 - 0-4	3x4 =	- 0.4 -	0.4 -	- 4 5-2 11 - 2-4		440 -	
1.5x5 —	2 3 4	- 3x6 FF 3x4 5 6 7	- 3x4	- 3x4 - 9	- 1.5x3 5x4 10 11	12	4x0 —	
			- -					[
		B2				HT I		8 1-2-(
	BID		ļi i	<u> </u>				۲ <u>۲</u>
27 26	25	24 23 22 21	20 1	9 18	17	16	15 14	
6x8	= 6x8 =	3x8 MT20HS FP=	:	3x8 MT20HS	FP=	5x6	6x6 =	
		4x6			6x8 =			
 	<u>10-7-11</u> 10-7-11	İ	<u>11-7-11 12-7-11 </u>		22-11-14			
Plate Offsets (X,Y)	[1:Edge,0-1-8], [7:0-1-8,Edg	ge], [8:0-1-8,Edge], [20:0-3-0,0-0-0)]		10-4-5			
LOADING (psf)	SPACING- 1-	7-3 CSI .	DEFL. ir	n (loc) l/c	defl L/d	PLATES	GRIP	
TCLL 40.0	Plate Grip DOL 1	.00 TC 0.76	Vert(LL) -0.50) 20-21 >5	548 480 260 260	MT20	244/190	
BCLL 0.0	Rep Stress Incr Y	YES WB 0.76	Horz(CT) -0.08	5 20-21 ×3 5 14	n/a n/a	WI 20H3	107/143	
BCDL 5.0	Code IRC2021/TPI2	014 Matrix-SH				Weight: 147 I	b FT = 20%F, 1	11%E
LUMBER-			BRACING-					
TOP CHORD 2x4 SP BOT CHORD 2x4 SP	' No.1(flat) ' SS(flat)		TOP CHORD	Structural end vertic	wood sheathing dire als.	ctly applied or 4-	5-11 oc purlins, e	except
WEBS 2x4 SP	No.3(flat)		BOT CHORD	Rigid ceili	ng directly applied or	10-0-0 oc bracin	ıg.	
REACTIONS. (Ib/size	e) 27=995/0-3-6 (min. 0-1	-8), 14=1000/Mechanical						
FORCES (Ib) - Max	Comp /Max Ten - All force	as 250 (lb) or less excent when sh	0.000					
TOP CHORD 27-28	=-978/0, 1-28=-977/0, 13-1	4=-984/0, 1-2=-1379/0, 2-3=-3366	6/0, 3-4=-3366/0,					
4-5=- 10-11	4723/0, 5-6=-4723/0, 6-7=- =-4584/0, 11-12=-3122/0, 1	5476/0, 7-8=-5728/0, 8-9=-5411/0 12-13=-1131/0	, 9-10=-4584/0,					
BOT CHORD 25-26	=0/2500, 24-25=0/4178, 23	8-24=0/5235, 22-23=0/5235, 21-22	2=0/5728, 20-21=0/572	8,				
WEBS 7-21=	-259/279, 8-20=-234/305, 7	7-22=-675/158, 6-22=0/437, 6-24=	-651/0, 4-24=0/691,					
4-25= 9_17=	-1013/0, 2-25=0/1081, 2-26 -682/0_11-17=0/794_11-16	6=-1423/0, 1-26=0/1588, 8-19=-72	7/102, 9-19=0/468, 1450/0_13-15=0/1448					
		5-10-3/0, 12-10-0/10/3, 12-13-	1430/0, 13-13-0/1440					
NOTES- (7-8) 1) Unbalanced floor liv	/e loads have been conside	ered for this design.						
2) All plates are MT20	plates unless otherwise in	dicated.						
4) Refer to girder(s) for	or truss to truss connections	aled.						
5) Required 2x6 stron	gbacks, on edge, spaced a	t 10-0-0 oc and fastened to each	truss with 3-10d (0.131	" X 3") nails	. Strongbacks to be			
6) CAUTION, Do not e	erect truss backwards.	ed by other means.						
 Graphical web brac the member must b 	ing representation does no e braced	t depict the size, type or the orient	ation of the brace on th	ne web. Sym	bol only indicates th	at		
8) Bearing symbols ar	e only graphical representa	tions of a possible bearing conditi	on. Bearing symbols a	re not consi	dered in the structura	al		
design of the truss	to support the loads indicat	ed.				WINNITH CA	ROUM	
LOAD CASE(S) Stand	dard					IN SPESS	1 Nolly	
					Illes	POR /	No. I	
					Int	1 SEAL		
					100	2814		
					1111	1.0	~ / 1	
						A NOINE	E. AS unit	
						MININK K. N	10Hrunnin	

5/31/2025

Job	Truss	Truss Type	C	ty Ply	LOT 0.0011 HONEYCU	IT HILLS 221 SHELB	Y MEADOW LANE ANGIER, NC
25-3822-F02	F215	FLOOR GIRDER	1				# 59823
			Run: 8.63	0 s Jul 12 2024 P	Job Reference (option rint: 8.630 s Jul 12 2024 Mi ⁻	nal) Tek Industries, Inc. Sa'	May 31 16:03:29 2025 Page 1
			ID:	gUCksxzC6J7H	T2yGkHFINYyiOvf-n9YI	M4QUejleFlvIMxTLk	BqÁYGnbyZ8729du4frzAxvi
0-1-8							1.0.10
∦	-3-0	ł	2-0-0			1-5-7	Scale = 1:38.2
						THA422	
1.5x3 =	1.5x3	3x8 FP=				3x6 =	4x6 =
1	2 ₁ 3 4	5 6 7	8		9 10	11	12 13
			Ŕ		ž p		
		B1 B1			_		
			M				
26 25	24	23 22 21	1 20	19 18	17	16 15	i 14
4x4 =	= 3x8 =	1.5x	⟨3 1.5x3	3x12 MT2	0HS FP=	3x6 = 4x6	6 = 3x6 =
1	10-7-11	1	11-7-11,12-7-11,		19-4-2	1	23-3-6
Plate Offsets (X V) [7	10-7-11 7-0 1 8 Edge] [8:0 1 8 Edge]	[26:Edge 0 1 8]	1-0-0 1-0-0		6-8-7		3-11-4
	.0-1-0,Lugej, [0.0-1-0,Lugej,						
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL.	in (loc)	I/defl L/d	PLATES	GRIP
TCDL 10.0	Lumber DOL 1.00	BC 0.76	Vert(CT)	-0.45 20	>444 360	MT20HS	187/143
BCLL 0.0	Rep Stress Incr NO	WB 0.60	Horz(CT)	0.08 14	n/a n/a	Mainte 000	
BCDL 5.0		Matrix-SH				weight: 236	10 FI = 20%F, 11%E
LUMBER-	AL- 4/8-4)		BRACING	- DD 04		ing ather any line law O	0.0
BOT CHORD 2x4 SP 1	No.1(flat) SS(flat) *Except*		TOP CHO	RD Structu end ve	iral wood sheathing di rticals.	rectly applied or 6	-0-0 oc purlins, except
B2: 2x4	SP No.1(flat)		BOT CHO	RD Rigid o	eiling directly applied	or 10-0-0 oc braci	ng.
WEBS 2x4 SP i	No.3(flat)						
REACTIONS. (lb/size)	26=1173/0-3-6 (min. 0-1-8), 14=1843/0-3-8 (min. 0-1-8)					
FORCES. (Ib) - Max. C	Comp./Max. Ten All forces 2	50 (lb) or less except when sh	iown.				
TOP CHORD 26-27=	-1167/0, 1-27=-1165/0, 1-2=-	1569/0, 2-3=-3885/0, 3-4=-388	35/0, 4-5=-5599/0),			
5-6=-5 11-12=	599/0, 6-7=-6755/0, 7-8=-737 :-4018/0	2/0, 8-9=-7494/0, 9-10=-7137/	0, 10-11=-6133/0),			
BOT CHORD 24-25=	0/2839, 23-24=0/4880, 22-23	=0/6279, 21-22=0/7372, 20-21	1=0/7372, 19-20=	:0/7372,			
18-19= WFBS 11-16=	=0/7471,17-18=0/7471,16-17 =0/438_7-21=0/406_8-20=-37	'=0/6785, 15-16=0/6133, 14-15 8/2 7-22=-1118/0 6-22=0/778	5=0/2068 6-23=-885/0				
4-23=0)/936, 4-24=-1270/0, 2-24=0/	335, 2-25=-1652/0, 1-25=0/18	345, 8-19=-150/60	01,			
9-17=-	434/0, 10-17=0/458, 10-16=-7	782/0, 11-15=-2654/0, 12-15=0)/2537, 12-14=-2	751/0			
NOTES- (10-11)							
 Fasten trusses toget Inbalanced floor live 	her to act as a single unit as	per standard industry detail, or	loads are to be e	evenly applied	to all plies.		
3) All plates are MT20	plates unless otherwise indica	ited.					
4) All plates are 3x4 MT	Γ20 unless otherwise indicate	d. _0_0_ oc and fastened to each t	truss with 3-10d	(0 131" X 3") n	ails Strongbacks to b		
attached to walls at t	heir outer ends or restrained	by other means.		(0.101 X 0) 11			
6) CAUTION, Do not er	ect truss backwards.	(irder) or equivalent at 10.4.2 f	from the left and	o connoct truc	va(aa) E211 (1 ply 2x4	SD)	
to back face of top cl	hord.				5(es) 1 2 1 1 (1 piy 2x4	SF)	
8) Fill all nail holes whe	ere hanger is in contact with lu	mber.	a frant (Γ) ar baal	(D)		Month C	ADAUIII
10) Graphical web brac	s) section, loads applied to the ing representation does not c	e face of the truss are noted as epict the size, type or the orier	ntation of the bra	c (B). ce on the web.	Symbol only indicates	s uning TH	A LIANIN
that the member m	ust be braced.					III POPESO	PAG 9 11
structural design of	e only graphical representation the truss to support the loads	ons of a possible bearing condi s indicated.	ition. Bearing syn	npois are not c	considered in the	E CEA	
						281A	
1) Dead + Floor Live (b)	ard alanced): Lumber Increase=1	.00. Plate Increase=1 00					
Uniform Loads (plf)	alansoa). Lamber moredse-					The AND	ER . MIL
Vert: 14-26=	-8, 1-13=-80					MARY	ORALINA
						man K.	Monut
Continued on page 2						5/31	/2025
Warning !—Verifv desi	gn parameters and read notes b	efore use. This design is based only	upon parameters sl	nown, and is for a	an individual building con	aponent to be installe	d and loaded

Job	Truss	Truss Type	Qty	Ply	LOT 0.0011 HONEYCUTT HILLS	S 221 SHELBY MEADOW LANE ANGIER, NC
25-3822-F02	F215	FLOOR GIRDER	1	2	Job Reference (optional)	# 59823
		Run: 8	.630 s Jul 1 D:gUCksx	2 2024 Prir zC6J7HT	nt: 8.630 s Jul 12 2024 MiTek Indu 2yGkHFINYyiOvf-n9YM4QUe	stries, Inc. Sat May 31 16:03:29 2025 Page 2 jleFlvIMxTLkBqAYGnbyZ8729du4frzAxvi

LOAD CASE(S) Standard Concentrated Loads (Ib)

Vert: 11=-996(B)



	Iruss		Qty	Ply LOT 0.0	011 HONEYCUTT HIL	LS 221 SHELBY MEADO	DW LANE ANGIER, NC
25-3822-F02	F216	Floor	2	Job Re	ference (optional)	#	59823
0-1-8	Ч	2-0-0	Run: 8.430 s Feb 12 ID:gUCksx:	2 2021 Print: 8.630 ; zC6J7HT2yGkHF	s Jul 12 2024 MiTek Inc INYyiOvf-n9YM4QL	Justries, Inc. Sat May 31 JejleFlvIMxTLkBqAUD	16:03:29 2025 Page 1 nYIZAo29du4frzAxvi <u></u>
4x4 = 1.5x3 1.5x3 = 1 2 $1 2$ $24 = 0$ $24 = 0$ $24 = 0$ $23 = 0$ $6x6 24$	3 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	20 1.5x3 25 20 1.5x3	3x8 FP 6 7 • • • 18 17 3x12 MT20HS FP=	= 8 8 8 16	1.5x3 9 T2 1 9 T2 1 15 3x8 =	0 8 14 4x4 =	4x4 = 11 12 4x4 = 11 12 7 13 3x6 =
Plate Offsets (X,Y) [4:	5-10-11 5-10-11 0-1-8,Edge], [5:0-1-8,Edge],	+ 6-10-11 + 7-10-11 + 1-0-0 + 1-0-0 + [23:Edge,0-3-0]		19 11-	-2-6 3-11		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.88 BC 0.93 WB 0.50 Matrix-SH	DEFL. in Vert(LL) -0.40 Vert(CT) -0.54 Horz(CT) 0.06	(loc) l/defl 18-19 >575 18-19 >418 13 n/a	L/d 480 360 n/a	PLATES GRIP MT20 244/1 MT20HS 187/1 Weight: 97 lb F1) 190 143 Г = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP M BOT CHORD 2x4 SP M B2: 2x4 SP WEBS 2x4 SP M	lo.1(flat) S(flat) *Except* SP No.1(flat) o.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood end verticals. Rigid ceiling dir 2-2-0 oc bracing	l sheathing directly rectly applied or 10 g: 19-20.	y applied or 2-2-0 oc)-0-0 oc bracing, E>	purlins, except kcept:
REACTIONS. (lb/size)	23=828/0-3-6 (min. 0-1-8),	13=833/Mechanical					
FORCES. (lb) - Max. C TOP CHORD 2-3=-13 8-9=-28 BOT CHORD 22-23=1 16-17=1 WEBS 4-20=0, 2-23=-1 10-14=-1	omp./Max. Ten All forces 2 36/0, 3-4=-2669/0, 4-5=-345 38/0, 9-10=-2838/0, 10-11=- 0/534, 21-22=0/2092, 20-21= 0/3812, 15-16=0/3296, 14-15 378, 5-19=-352/0, 4-21=-105 025/0, 5-18=-125/535, 6-16= 982/0, 11-14=0/1012, 11-13	50 (lb) or less except when shu 0/0, 5-6=-3738/0, 6-7=-3556/0, 1514/0 0/3450, 19-20=0/3450, 18-19= =0/2268, 13-14=0/736 51/0, 3-21=0/751, 3-22=-984/0, 333/0, 8-16=0/339, 8-15=-584 =-1104/0	own. 7-8=-3556/0, 0/3450, 17-18=0/3812, 2-22=0/1044, 4/0, 10-15=0/728,				
NOTES- (7-8) 1) Unbalanced floor live 2) All plates are MT20 p 3) All plates are 3x4 MT 4) Refer to girder(s) for t 5) Recommend 2x6 stro be attached to walls a 6) CAUTION, Do not ere 7) Graphical web bracim the member must be 8) Bearing symbols are design of the truss to	loads have been considered lates unless otherwise indicate 20 unless otherwise indicate russ to truss connections. ngbacks, on edge, spaced a at their outer ends or restrain ect truss backwards. g representation does not de braced. only graphical representatior support the loads indicated.	for this design. ted. d. t 10-0-0 oc and fastened to ea ed by other means. pict the size, type or the orienta is of a possible bearing conditio	ich truss with 3-10d (0.1 ation of the brace on the on. Bearing symbols are	31" X 3") nails. e web. Symbol o e not considered	Strongbacks to nly indicates that in the structural		
LOAD CASE(S) Standa	rd				The second	SEAL	A.P





		5-10-11	1-0-0 1-0-0	11-7-3	
Plate O	ffsets (X,Y)	[4:0-1-8,Edge], [5:0-1-8,Edge],	[23:Edge,0-3-0]		
LOADIN TCLL TCDL BCLL BCDL	IG (psf) 40.0 10.0 0.0 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.93 BC 0.96 WB 0.51 Matrix-SH	DEFL. in (loc) l/defl L/d Vert(LL) -0.42 18-19 >550 480 Vert(CT) -0.58 18-19 >400 360 Horz(CT) 0.07 13 n/a n/a	PLATES GRIP MT20 244/190 MT20HS 187/143 Weight: 98 lb FT = 20%F, 11%E
LUMBE TOP CH BOT CH WEBS	R- IORD 2x4 SP IORD 2x4 SP B2: 2x4 2x4 SP	9 No.1(flat) 9 SS(flat) *Except* 4 SP No.1(flat) 9 No.3(flat)		BRACING-TOP CHORDStructural wood sheathing end verticals.BOT CHORDRigid ceiling directly applie 2-2-0 oc bracing: 19-20.	directly applied or 2-2-0 oc purlins, except ed or 10-0-0 oc bracing, Except:

REACTIONS. (lb/size) 23=841/0-3-6 (min. 0-1-8), 13=846/0-3-8 (min. 0-1-8)

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

TOP CHORD 2-3=-1359/0, 3-4=-2723/0, 4-5=-3533/0, 5-6=-3850/0, 6-7=-3699/0, 7-8=-3699/0,

8-9=-3013/0, 9-10=-3013/0, 10-11=-1720/0

- BOT CHORD
 22-23=0/543, 21-22=0/2129, 20-21=0/3533, 19-20=0/3533, 18-19=0/3533, 17-18=0/3941, 16-17=0/3941, 15-16=0/3453, 14-15=0/2459, 13-14=0/956

 WEBS
 4-20=0/393, 5-19=-366/0, 4-21=-1085/0, 3-21=0/773, 3-22=-1001/0, 2-22=0/1063,
- 4-20=0/393, 5-19=-3600, 4-21=-108500, 5-21=0/17/3, 5-22=-10017/0, 2-22=0/1083, 2-23=-1042/0, 5-18=-111/569, 6-16=-315/0, 8-16=0/320, 8-15=-563/0, 10-15=0/707, 10-14=-962/0, 11-14=0/995, 11-13=-1255/0

NOTES- (6-7)

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

2) All plates are MT20 plates unless otherwise indicated.

3) All plates are 3x4 MT20 unless otherwise indicated.

4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

5) CAUTION, Do not erect truss backwards.

6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.

7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard





1		5-10-11		6-10-11 7-10-11	1	3-9-6
		5-10-11	I	<u>1-0-0 ' 1-0-0 '</u>	5.	10-11
Plate O	ffsets (X,Y)	[4:0-1-8,Edge], [5:0-1-8,Edge], [16:Ec	lge,0-3-0]			
LOADIN TCLL TCDL BCLL	G (psf) 40.0 10.0 0.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	CSI. TC 0.26 BC 0.52 WB 0.33	DEFL. ir Vert(LL) -0.09 Vert(CT) -0.12 Horz(CT) 0.03	n (loc) l/defl L/d 9 11-12 >999 480 2 11-12 >999 360 3 9 n/a n/a	PLATES GRIP MT20 244/190
BCDL	5.0	Code IRC2021/1PI2014	Matrix-SH			Weight: 70 lb FT = 20% F, 11% E
LUMBE TOP CH BOT CH WEBS	R- IORD 2x4 SF IORD 2x4 SF 2x4 SF	9 No.1(flat) 9 No.1(flat) 9 No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing c end verticals. Rigid ceiling directly applied	irectly applied or 6-0-0 oc purlins, except or 10-0-0 oc bracing.

REACTIONS. (lb/size) 16=590/0-3-6 (min. 0-1-8), 9=595/0-3-8 (min. 0-1-8)

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

TOP CHORD 2-3=-906/0, 3-4=-1665/0, 4-5=-1910/0, 5-6=-1665/0, 6-7=-906/0

BOT CHORD 15-16=0/376, 14-15=0/1413, 13-14=0/1910, 12-13=0/1910, 11-12=0/1910, 10-11=0/1413, 9-10=0/376

WEBS 4-14=-428/0, 3-14=0/355, 3-15=-660/0, 2-15=0/690, 2-16=-720/0, 5-11=-428/0, 6-11=0/355, 6-10=-660/0, 7-10=0/690, 7-9=-717/0

NOTES- (5-6)

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

2) All plates are 3x4 MT20 unless otherwise indicated.

3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

4) CAUTION, Do not erect truss backwards.

5) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.

6) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0011 HONEY	CUTT HILLS 221 SHELBY	MEADOW LANE ANGIER, NC
25-3822-F02	F219	Floor Supported Gable	1		1 Job Reference (or	otional)	# 59823
		· ·	Run: 8.430 s F ID:gUCksxz	eb 12 2021 F C6J7HT2v	Print: 8.630 s Jul 12 2024 GkHFINYviOvf-FL6kl	MiTek Industries, Inc. Sat M mVGUcm6M3tYVAszk2is	May 31 16:03:30 2025 Page 1 smB6plkKBOHeeBHzAxvh
0-1-8			5	,	- ,		
							Scale = 1:22.4
	<u>^</u>		3x4 =	=		10	3x4
	3	4 5			8 9		
	1 ST1	ST1 ST1	ST1 W2 ST		ST1 S	T1 ST1	ST1 W1 07
				××××			
23 22	21	20 19	18 17		16 1	5 14	13
3x4			3x4 =				3x6 =
			13-9-6				
			13-9-6				
Plate Offsets (X,Y) [7	:0-1-8,Edge], [18:0-1-8,E	_dge], [23:Edge,0-1-8]					
LOADING (psf) TCLL 40.0 TCDL 10.0	SPACING- 2 Plate Grip DOL Lumber DOL	2-0-0 CSI. 1.00 TC 0.06 1.00 BC 0.01	DEFL. Vert(LL) Vert(CT)	in (loc) n/a - n/a -	l/defl L/d n/a 999 n/a 999	PLATES MT20	GRIP 244/190
BCDL 5.0	Code IRC2021/TPI	2014 Matrix-SH		00 13	11/a 11/a	Weight: 62 lb	FT = 20%F, 11%E

LUMBER-		BRACING-			
TOP CHORD 2x4	4 SP No.1(flat)	TOP CHORD	Structural wood sheathing of	directly applied or 6-0-0 oc purlins, a	except
BOT CHORD 2x4	4 SP No.1(flat)		end verticals.		
WEBS 2x4	4 SP No.3(flat)	BOT CHORD	Rigid ceiling directly applied	d or 10-0-0 oc bracing.	
OTHERS 2x4	1 SP No.3(flat)			-	

REACTIONS. All bearings 13-9-6.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 23, 13, 22, 21, 20, 19, 18, 17, 16, 15, 14

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

NOTES- (7-8)

1) All plates are 1.5x3 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

4) Gable studs spaced at 1-4-0 oc.

5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

6) CAUTION, Do not erect truss backwards.

7) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.

8) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply LOT 0.0	011 HONEYCUTT H	HILLS 221 SHELBY MEA	ADOW LANE ANGIER, NC	÷
25-3822-F02	F220	Floor	12	1 Job Re	eference (optional)	# 59823	
		1	Run: 8.430 s Feb 12 ID:gUCksxzC6J	2 2021 Print: 8.630 J7HT2yGkHFINY	s Jul 12 2024 MiTek /yiOvf-jYg6V5WuF	, Industries, Inc. Sat May 3 Fvuz_DSk3tNCGFFxxt	31 16:03:31 2025 Page 1 bE713MKcxNBkjzAxvg	
0-3-10 1-3-0		⊢2	2-0-0				0 <u>-3-1</u> 0	
							Scale = 1:30.0	
					1.5x3			
4x4 =	1.5x3	5 6	7	8	3x8 FP=	11	4x4 =	
			, 					
	B1 00		•	B2 B2				
24 23	22	21 20 19	18	17	16	15	14	
4x6 = 4x4	= 3x8 = 3	8x8 MT20HS FP= 1.5x3 Ⅱ	1.5x3		3x8 =	4x4 =	= 4x6 =	
	<u>8-3-10</u> 8-3-10	9-3-10	0 <u>+ 10-3-10</u> <u>+</u> 1-0-0		<u>18-7-4</u> 8-3-10			
Plate Offsets (X,Y) [1	:Edge,0-1-8], [6:0-1-8,Edge],	[7:0-1-8,Edge]						
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL. in	(loc) l/defl	L/d	PLATES GR	XIP 4/190	
TCDL 10.0	Lumber DOL 1.00	BC 0.84	Vert(CT) -0.37 1	18-19 >603	360	MT20HS 187	7/143	
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	Horz(CT) 0.06	14 n/a	n/a	Weight: 97 lb	FT = 20%F, 11%E	
LUMBER-			BRACING-		1			
TOP CHORD 2x4 SP I BOT CHORD 2x4 SP I	No.1(flat) No.1(flat)		TOP CHORD	Structural wood end verticals.	d sheathing dired	ctly applied or 6-0-0 o	oc purlins, except	
WEBS 2x4 SP 1	No.3(flat)		BOT CHORD	Rigid ceiling di	rectly applied or	10-0-0 oc bracing.		
REACTIONS. (lb/size)	24=807/0-3-8 (min. 0-1-8),	14=807/Mechanical						
FORCES. (Ib) - Max. C	Comp./Max. Ten All forces	250 (lb) or less except when shown	1.					
TOP CHORD 2-3=-1 8-9=-2	153/0, 3-4=-2517/0, 4-5=-251 517/0, 9-10=-2517/0, 10-11=-	7/0, 5-6=-3276/0, 6-7=-3528/0, 7-8 2517/0, 11-12=-1153/0	8=-3276/0,					
BOT CHORD 23-24= 17-18=	0/357, 22-23=0/1927, 21-22= 0/3528, 16-17=0/3018, 15-16	=0/3018, 20-21=0/3018, 19-20=0/3 6=0/1927, 14-15=0/357	528, 18-19=0/3528,					
WEBS 6-20=-	540/18, 5-20=0/429, 5-22=-64 942/0 7-17=-540/18 8-17=0/	40/0, 3-22=0/753, 3-23=-1007/0, 2- 429 8-16=-640/0 11-16=0/753 1	-23=0/1036, 1-15=-1007/0					
12-15=	0/1036, 12-14=-942/0	-20, 0, 10- 0-0,0, 11-10-0,700, 1	1-10-100770,					
NOTES- (6-7)								
 Unbalanced floor live All plates are MT20 plates 	e loads have been considered plates unless otherwise indica	t for this design. ated.						
3) All plates are 3x4 M	20 unless otherwise indicate truss to truss connections	d.						
5) Recommend 2v6 str	andbacks on edge snaced a	t 10-0-0, oc and fastened to each t	trues with 3-10d (0.13	31" X 3") naile	Strongbacks to			

5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.

7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

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Job	Truss	Truss Type	Qty	Ply	LOT 0.0011 HONEYCUTT HILLS 221 SHELBY	MEADOW LANE ANGIER, NO
25-3822-F02	F221	Floor Supported Gable	1	1	Job Reference (optional)	# 59823

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat May 31 16:03:31 2025 Page 1 ID:gUCksxzC6J7HT2yGkHFINYyiOvf-jYg6V5WuFvuz_DSk3tNCGFF1VbR81AZKcxNBkjzAxvg

Scale = 1:29.9



L			18-3-10			
ſ			18-3-10			1
Plate Offsets (X,Y)	[1:Edge,0-1-8], [8:0-1-8,Edge], [25:0-	1-8,Edge], [32:Edge,0-1-8	81			
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. ir Vert(LL) n/z Vert(CT) n/z Horz(CT) -0.00	n (loc) l/defl L/d - n/a 999 - n/a 999 25 n/a n/a	PLATES MT20 Weight: 80 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 S BOT CHORD 2x4 S WEBS 2x4 S	P No.1(flat) P No.1(flat) P No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing c end verticals. Rigid ceiling directly applied	lirectly applied or 10 l or 10-0-0 oc bracin	l-0-0 oc purlins, except

OTHERS 2x4 SP No.3(flat)

REACTIONS. All bearings 18-3-10.

(Ib) - Max Grav All reactions 250 lb or less at joint(s) 32, 17, 31, 30, 29, 28, 26, 25, 24, 23, 22, 21, 20, 19, 18

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

NOTES-(6-7)

1) All plates are 1.5x3 MT20 unless otherwise indicated.

2) Gable requires continuous bottom chord bearing.

3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

4) Gable studs spaced at 1-4-0 oc.

5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.

7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

