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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 #: 58878 JOB: 25-3336-F01 JOB NAME: LOT 0.0048 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. *30 Truss Design(s)*

Trusses:

F1-01, F1-02, F1-03, F1-04, F1-05, F1-06, F1-08, F1-09, F1-10, F1-11, F1-12, F1-12A, F1-13, F1-14, F1-15, F1-19, F1-20, F1-21, F1-22, F1-23, F1-24, F1-25, F1-26, F1-27, F1-28, F1-29, F1-



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		Q	ty Ply	LOT 0.0048 HONE	YCUTT HILLS 56 SHEL	BY MEADOW I	LANE ANGIER, N
25-3336-F01	F1-01		Floor Supported 0	Bable	1		1 Job Reference (d	optional)	# 5	58878
			1		Run: 8.430) s Feb 12 202 5fxl xl n2C6d	1 Print: 8.630 s Jul 12 20	24 MiTek Industries, Inc. 2kyAd6nbtcIrtAGHtJc	Sat Apr 26 17: TkZ2O5igNO	18:50 2025 Page
0 ₁ 18					12.	OKEKEN: 000			nizz dojgi i di	0411000021102
11										0
										Scale = 1:21.
1.5x3										
1.5x3 = 1	1.5x3 2	1.5x3 3	1.5x3 4	5 ^{3x4} =	1.5x3 6	1.5x3 7	1.5x3 8	1.5x3 9	1.5x3 10	3x4 11
			-		T1	, 				
	ST1	ST1	ST1	ST1 W	2. ST1	ST1	ST1	⊔ ST1	ST1	W1
		Н				Ц				
22	21	20	19	18	17	16	15	14	13	12
3x4	1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	1.5x3	1.5x3	1.5x3	1.5x3	3x4
					13-1-12					
Plate Offsets (X,Y)	[5:0-1-8,Edge]	, [17:0-1-8,Edge], [22:Edge,0-1·	·8]	13-1-12					I
LOADING (psf)	SPACIN	IG- 2-0-0	с	SI.	DEFL.	in (loc) l/defl L/d	PLATES	GRIP	
TCLL 40.0 TCDL 10.0	Plate G Lumber	rip DOL 1.00	Т	C 0.06	Vert(LL) Vert(CT)	n/a -	n/a 999	MT20	244/190)
BCLL 0.0	Rep Str	ess Incr YES	- N	/B 0.03	Horz(CT)	n/a - 0.00 12				
BCDL 5.0	Code IF	RC2021/TPI2014	M	atrix-SH				Weight: 5	5 lb FT =	20%F, 11%E
L UMBER- TOP CHORD 2x4 SI	D No 1/flat)				BRACING TOP CHO		tural wood sheathir	ng directly applied o	r 6 0 0 00 pt	urling except
BOT CHORD 2x4 S	P No.1(flat)					end	verticals.	• • • • •	·	аппъ, ехсері
NEBS 2x4 S	P No.3(flat)				BOT CHO	RD Riaia	l ceiling directly app	lied or 10-0-0 oc bra	acing.	

2x4 SP No.3(flat) 2x4 SP No.3(flat) OTHERS

BOT CHORD

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

REACTIONS. All bearings 13-1-12.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 22, 12, 21, 20, 19, 18, 17, 16, 15, 14, 13

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

NOTES-(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) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Job 25-3336-F01	Truss F1-02	Truss Type Floor	Qty Ply 5 Run: 8.430 s Feb 12 20	1 Job Reference (optional)	5 56 SHELBY MEADOW LANE ANGIER, NC # 58878 Istries, Inc. Sat Apr 26 17:18:51 2025 Page 1 IAI9S1ISqbrr?y68YUxa6IrzcIJLeEzMoB2
0-1-8 ⊢∣			ID. JAEAEN ?		1-3-4
$4x4 =$ $1.5x3 =$ 1 1 1 1 $3x4 \parallel$	3x4 = 2 13 3x6 =	3x4 = 3 12 3x4 =	$1.5x3 \qquad 3x4 =$ $4 \qquad 5$ 11 $3x8 =$	3x4 = 6 10 3x4 =	$3x6 = 7$ 7 9 $3x6 = 3x4 \parallel$
<u>1-6-0</u> 1-6-0 Plate Offsets (X,Y)	4-0-0 2-6-0 [1:Edge,0-1-8], [14:Edge,0-	I-8]	<u>9-1-8</u> 5-1-8	<u>11-7-8</u> 2-6-0	13-1-12 1-6-4
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	Plate Grip DOL 1 Lumber DOL 1	CO-0 CSI. 00 TC 0.35 00 BC 0.54 NO WB 0.53 114 Matrix-SH		11 >999 480 N 11 >938 360 8 n/a n/a	LATES GRIP 1T20 244/190 Veight: 66 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SI BOT CHORD 2x4 SI WEBS 2x4 SI			enc	uctural wood sheathing directly a d verticals. jid ceiling directly applied or 10-0	applied or 6-0-0 oc purlins, except 0-0 oc bracing.
FORCES. (lb) - Max TOP CHORD 14-1 6-7= BOT CHORD 12-1 WEBS 1-13 NOTES- (4) 1) Load case(s) 1, 2 truss. 2) Recommend 2x6 s be attached to wal	Comp./Max. Ten All force 5=-698/0, 1-15=-696/0, 7-8= -950/0 3=0/1759, 11-12=0/2521, 10 =0/1070, 2-13=-1000/0, 2-12 has/have been modified. Bui	=0/487, 3-12=-443/0, 5-10=-43 Iding designer must review load d at 10-0-0 oc and fastened to	8/0, 3-4=-2605/0, 4-5=-2605/0, 6/0, 6-10=0/481, 6-9=-1004/0 ds to verify that they are correc	, 7-9=0/1121 ct for the intended use of this	
LOAD CASE(S) Star 1) Dead + Floor Live Uniform Loads (pll Vert: 8-14 Concentrated Load Vert: 7=-41 2) Dead: Lumber Inci Uniform Loads (plf	ndard (balanced): Lumber Increase f) =-10, 1-7=-100 ds (lb) 00 rease=1.00, Plate Increase= f) =-10, 1-7=-100 ds (lb)			THE CONTRACT OF THE OWNER	SEAL 28147 TAK K. MORRIS

Job	Truss	Truss Type	Qty	Ply LOT 0.0	0048 HONEYCUTT H	ILLS 56 SHELBY N	A MEADOW LANE ANGIER, NC
25-3336-F01	F1-03	Floor	1	1			# 58878
			Run: 8.430 s Feb 1	Job Re 12 2021 Print: 8.630	eference (optional) s Jul 12 2024 MiTek	Industries, Inc. Sat	Apr 26 17:18:51 2025 Page 1 y64tU_f6k9zcIJLeEzMoB2
0-1-8			ID:5fxLx	Ln?C6dWjia?SH	K4thzkcYI-pEIKNz	PMAI9S1ISqbrr?	y64tU_f6k9zcIJLeEzMoB2
H <u>⊢ 1-1-8</u>	1-3-0						0-10-12
	1						Scale = 1:23.2
4x4 =							
1.5x3 =		3x4 =	3x4 = 1.5x3	3x4 =		3x4 =	3x6 =
1	2 3x8 =	3	4 5	6		7	8
017					/		
					\searrow		W4 W1
			B1 D.C				
	14	13	12		11		10
3x4 3x	x6 = 3x8 =	3x4 =	3x8 =		3x4 =		3x4 = 3x4
1-4-8 0	1-8 1-4-8	5-4-8 2-6-0	<u> </u>			13-0-0 2-6-0	14-1-12
Plate Offsets (X,Y) [1	:Edge,0-1-8], [2:0-3-0,Edge	, [16:Edge,0-1-8]					
LOADING (psf) TCLL 40.0	SPACING- 2-0-			(loc) l/defl 12 >999	L/d 480	PLATES MT20	GRIP 244/190
TCDL 10.0	Plate Grip DOL 1.0 Lumber DOL 1.0	0 BC 0.34	Vert(LL) -0.07 Vert(CT) -0.10	12 >999	360	IVI I 20	244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr YE Code IRC2021/TPI201		Horz(CT) 0.01	9 n/a	n/a	Weight: 73 lb	FT = 20%F, 11%E
LUMBER-			BRACING-			5	
TOP CHORD 2x4 SP I			TOP CHORD		d sheathing direc	tly applied or 6-0	0-0 oc purlins, except
BOT CHORD 2x4 SP I WEBS 2x4 SP I	No.1(flat) No.3(flat)		BOT CHORD	end verticals. Rigid ceiling di	rectly applied or	10-0-0 oc bracin	q, Except:
REACTIONS (Ib/size)	16=-964/1-7-8 (min 0-1-8	3), 9=575/0-4-8 (min. 0-1-8), 1	5=1911/1-7-8 (min 0-1-8		ng: 15-16,14-15.		
Max Up	ift16=-1011(LC 4)			,			
Max Gra	av 9=575(LC 4), 15=1911(LC	; 1)					
		250 (lb) or less except when sl 572/0, 1-2=0/1536, 2-3=0/514,					
5-6=-1	670/0, 6-7=-1498/0, 7-8=-50	64/0		,			
		3=0/1456, 11-12=0/1734, 10-1)/1213, 3-14=-1129/0, 3-13=0/6					
4-12=0	/257, 6-11=-288/0, 7-11=0/3	332, 7-10=-809/0, 8-10=0/743					
NOTES- (6)	. In the later bases of the	d for the desire					
	e loads have been considere connection (by others) of tru	ed for this design. ss to bearing plate capable of v	withstanding 1011 lb uplit	ft at joint 16.			
3) This truss has large	uplift reaction(s) from gravity	v load case(s). Proper connection or uplift reactions indicated.			ward movement		
4) Recommend 2x6 stre	ongbacks, on edge, spaced	at 10-0-0 oc and fastened to e	each truss with 3-10d (0.1	31" X 3") nails.	Strongbacks to		
be attached to walls 5) CAUTION, Do not er	at their outer ends or restrai ect truss backwards.	ned by other means.					
, ,							

LOAD CASE(S) Standard



Job	Truss	Truss Type	G	ty Ply	LOT 0.	0048 HONEYCUTT H	ILLS 56 SHELBY ME	ADOW LANE ANGIER, NO
25-3336-F01	F1-04	Floor	8		1 Job R	eference (optional)		# 58878
			Run: 8.43) s Feb 12 20	21 Print: 8.630	s Jul 12 2024 MiTek	Industries, Inc. Sat Ap	r 26 17:18:51 2025 Page 1 UWu6lUzcIJLeEzMoB
0-1-8			IL	JUSIALALITE			FINAI93 HSqbH 908	
120)							1-0-4
H							F	Scale = 1:23.2
4x4 =								
1.5x3 =	$_{3x4} =$	$3x4 \equiv$	1.5x3 3x4	=		3x4 =	4x4	i = 3x4
1	2	3	4 5 T1			6	7	8
	/			\sim				× 1/13 W1 C
			Pol B1					
, X			1				L&	
15	14	13	12		11		10	
3x4	3x6 =	3x4 =	3x8 =		3x4 =		4x4 =	3x6 =
<u>⊢ 1-6-0</u> 1-6-0	4-0-0		<u>9-1-8</u> 5-1-8			<u>11-7-8</u> 2-6-0	13-10-1	
	- [1:Edge,0-1-8], [15:Edge,	0-1-8]	0-1-0			2-0-0	2-0-4	0-0-0
LOADING (psf)	SPACING-	2-0-0 CSI .	DEFL.	in (lo	c) l/defl	L/d	PLATES O	RIP
TCLL ÄO.Ó	Plate Grip DOL	1.00 TC 0.30	Vert(LL)	-0.16 `	12 >999	480		44/190
TCDL 10.0 BCLL 0.0	Lumber DOL Rep Stress Incr	1.00 BC 0.58 YES WB 0.56	Vert(CT) Horz(CT)	-0.22 11- 0.04	12 >764 9 n/a	360 n/a		
BCDL 5.0	Code IRC2021/TP			0.04	9 11/a	Ti/a	Weight: 71 lb	FT = 20%F, 11%E
LUMBER-	1		BRACING			I	-	
TOP CHORD 2x4 \$	SP No.1(flat)		TOP CHO	RD Str		d sheathing direc	tly applied or 6-0-0	0 oc purlins, except
BOT CHORD 2x4 \$	SP No.1(flat)				d verticals.	-	10.0.0 as here in a	
WEBS 2x4 S	SP No.3(flat)		BOT CHO	KU KIG	lia ceiling di	rectly applied or ?	10-0-0 oc bracing.	
REACTIONS. (Ib/s	ize) 15=758/0-7-8 (min. 0	-1-8), 9=764/0-4-8 (min. 0-1-8)						

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

TOP CHORD 15-16=-753/0, 1-16=-751/0, 1-2=-1026/0, 2-3=-2400/0, 3-4=-3005/0, 4-5=-3005/0, 5-6=-2721/0, 6-7=-1692/0

BOT CHORD 13-14=0/1923, 12-13=0/2841, 11-12=0/3013, 10-11=0/2396, 9-10=0/950

WEBS 1-14=0/1168, 2-14=-1095/0, 2-13=0/583, 3-13=-539/0, 5-11=-356/0, 6-11=0/398, 6-10=-859/0, 7-10=0/905, 7-9=-1196/0

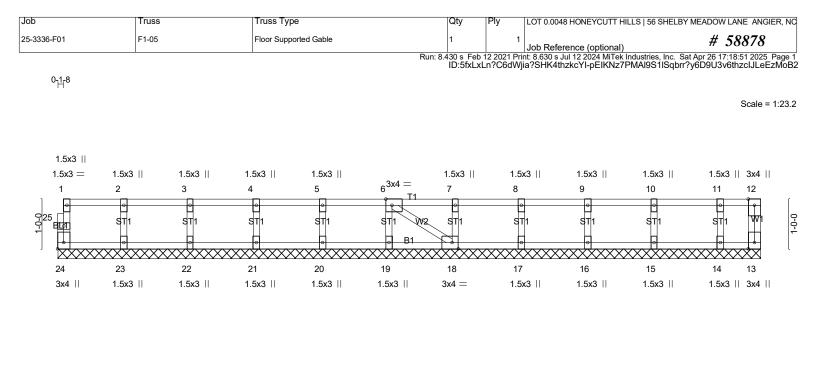
NOTES- (3)

1) 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.

2) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard





			14-1-12		
1			14-1-12		
Plate Offsets (X,Y)	[6:0-1-8,Edge], [18:0-1-8,Edge], [24:E	dge,0-1-8]			
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. ir	(loc) l/defl L/d	PLATES GRIP
TCLL ÄO.Ó	Plate Grip DOL 1.00	TC 0.06	Vert(LL) n/a	– n/a 999	MT20 244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.01	Vert(CT) n/a	- n/a 999	
BCLL 0.0	Rep Stress Incr YES	WB 0.03	Horz(CT) 0.00	13 n/a n/a	
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			Weight: 59 lb FT = 20%F, 11%E
LUMBER-			BRACING-		
TOP CHORD 2x4 SI	P No.1(flat)		TOP CHORD	Structural wood sheathing	directly applied or 6-0-0 oc purlins, except
BOT CHORD 2x4 SI	P No.1(Îlat)			end verticals.	
WEBS 2x4 SI	P No.3(flat)		BOT CHORD	Rigid ceiling directly applie	ed or 10-0-0 oc bracing.
OTHERS 2x4 SI	P No.3(flat)				č

14-1-12

REACTIONS. All bearings 14-1-12.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14

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

NOTES- (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) CAUTION, Do not erect truss backwards.

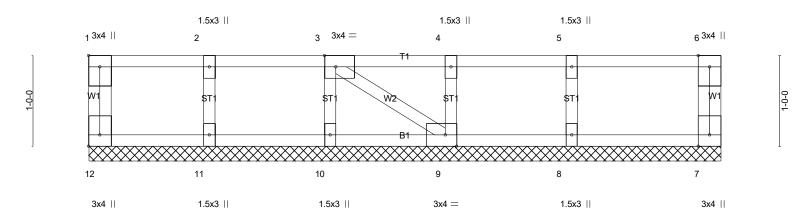
LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0048 HONEYCUTT HILLS 56 SHELBY MEADOW LANE ANGIER, NO
25-3336-F01	F1-06	GABLE	1		Job Reference (optional) # 58878

n: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Apr 26 17:18:52 2025 Page 1 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-HQsibJ817Ut04BKeOIM4Y9eNVuP6rKr7qy3vAhzMoB1

Scale = 1:12.7



\vdash	<u>1-4-0</u> 1-4-0	<u> 2-8-</u> 1-4-		<u>4-0-0</u> 1-4-0			-4-0 -4-0		<u>6-11-12</u> 1-7-12	
Plate Offsets (X,Y)-	- [1:Edge,0-1-8], [3:0-1-8						-4-0		1-1-12	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr Code IRC2021/7		CSI. TC 0.08 BC 0.01 WB 0.04 Matrix-P	DEFL. Vert(LL) Vert(CT) Horz(CT)	in n/a n/a -0.00	(loc) - - 9	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 32 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 BOT CHORD 2x4 WEBS 2x4 OTHERS 2x4	BRACING- TOP CHOF BOT CHOF		except	end verti	cals.	directly applied or 6-1 d or 10-0-0 oc bracing	•			

REACTIONS. All bearings 6-11-12.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 12, 7, 11, 10, 9, 8

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

NOTES- (5)

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.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply LOT	0.0048 HONEYCUTT	HILLS 56 SHELBY M	EADOW LANE ANGIER, NC
25-3336-F01	F1-08	Floor	3		Reference (optional		# 58878
⊢ <u>1-3-0</u>			Run: 8.430 s Feb ID:5fxLxLr 1-4-8	12 2021 Print: 8.6	30 s Jul 12 2024 MiTel	k Industries, Inc. Sat A	vpr 26 17:18:52 2025 Page 1 sJNuLtrEh7qy3vAhzMoB1 <u>ρ-10-10</u> Scale = 1:37.9
$3x6 =$ 1 25 25 24 $3x4 \parallel 3x4 \equiv$	3x4 = 3x4 $2 T1 3$ $3x4 = 23$ $3x4 = 3x4 = 3x4$	3x8 = $= 3x8 FP = 3x4$ $4 5 6$ $3x4 = 1.5x3 3x4 =$	= 3x8 = 7 19 18 4x4 = 3x4	3x4 T2 8 17 17 3x4 = 3x8	9 9 15	= 3x4 10 12 14 3x4 =	= 3x6 = 11 11 13 $3x4 = 3x4 $
<u>−1-6-0</u> 1-6-0 Plate Offsets (X,Y)	4-0-0 6-6- 2-6-0 2-6-0 - [25:Edge,0-1-8]				<u> </u>) <u>22-0-0</u> 2-6-0	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr Code IRC2021/T	1-4-0 CSI. 1.00 TC 0.35 1.00 BC 0.28 NO WB 0.43 PI2014 Matrix-SH	DEFL. ir Vert(LL) -0.00 Vert(CT) -0.00 Horz(CT) 0.07	5 22 >999 3 22 >999	L/d 480 360 n/a	PLATES MT20 Weight: 115 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 S BOT CHORD 2x4 S WEBS 2x4 S			BRACING- TOP CHORD BOT CHORD	end verticals.	-	ctly applied or 6-0 6-0-0 oc bracing.	-0 oc purlins, except
	ze) 25=384/0-7-8 (min. Grav25=405(LC 3), 12=7	0-1-8), 12=641/0-4-6 (min. 0-1-8), 1	8=1653/0-4-8 (min. 0-1	-8)			
FORCES. (Ib) - Ma: TOP CHORD 1-28 5-6: BOT CHORD 23-2 17-7 WEBS 7-18 7-19	x, Comp./Max, Ten, - All f 5=-400/0, 11-12=-700/0, 1 =-750/59, 6-7=0/514, 7-8= 24=0/969, 22-23=0/1296, 18=-1305/0, 16-17=-567/3 3=-1624/0, 1-24=0/613, 2-	cicle 1), 19 1000(201) prces 250 (lb) or less except when s -2=-517/0, 2-3=-1144/0, 3-4=-1217/ 10/779, 8-9=-544/384, 9-10=-676/12; 21-22=0/1111, 20-21=0/1111, 19-20; 39, 15-16=-567/339, 14-15=-228/72; 24=-551/0, 5-20=-474/0, 6-20=0/49; 7=-653/0, 8-15=0/363, 9-15=-331/0,	0, 4-5=-1217/0, 3, 10-11=-278/10)=-210/380, 18-19=-129 4, 13-14=-42/604 1, 6-19=-793/0,	6/0,			
 2) Load case(s) 1, 2 use of this truss. 3) Recommend 2x6 be attached to ward 	strongbacks, on edge, sp	sidered for this design. modified. Building designer must re aced at 10-0-0 oc and fastened to e estrained by other means.					
LOAD CASE(S) Sta 1) Dead + Floor Live Uniform Loads (p) Vert: 12-2 Concentrated Loa Vert: 7=-6	ndard e (balanced): Lumber Incre lf) 55=-7, 1-11=-67 dds (lb) 500 11=-400	ease=1.00, Plate Increase=1.00				THUMAN CAL	
Uniform Loads (p Vert: 12-2 Concentrated Loa Vert: 7=-6 3) 1st Dead + Floor Uniform Loads (p	25=-7, 1-11=-67 ads (lb) 500 11=-400 Live (unbalanced): Lumbe	se=1.00 er Increase=1.00, Plate Increase=1.0	00		antimphantantan.	SEAL 28147	AR ASHINING
Continued on page 2	2					4/25/2	2025

Job Truss	Truss Type	Qty	Ply	LOT 0.0048 HONEYCUTT HILLS 56 SHELBY	MEADOW LANE ANGIER, NC
25-3336-F01 F1-08	Floor	3	1	Job Reference (optional)	# 58878

n: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Apr 26 17:18:52 2025 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-HQsibJ817Ut04BKeOIM4Y9eJNuLtrEh7qy3vAhzMoB1

LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 7=-600 11=-400 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-7=-13, 7-11=-67 Concentrated Loads (lb) Vert: 7=-600 11=-400 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-7=-67, 7-11=-13 Concentrated Loads (lb) Vert: 7=-600 11=-400 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-7=-13, 7-11=-67

Concentrated Loads (lb) Vert: 7=-600 11=-400



$\begin{array}{c} 1.5x3 \\ 1.5x3 \\ 3x4 1.5x3 1.5$	25-3336-F01	F1-09	Floor Supported Gable	1 1	Job Reference (optional)	# 58878
$\begin{array}{c} 1.5x3 \\ 3x4 \\ 1 \\ 1 \\ 2 \\ 3 \\ 1 \\ 1 \\ 3x4 \\ 1 \\ 1 \\ 3x4 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ $			Run: II	3.430 s_Feb 12 2021 Pr D:5fxLxLn?C6dWjia?	int: 8.630 s Jul 12 2024 MiTek Industries, SHK4thzkcYI-HQsibJ817Ut04BKeOl	Inc. Sat Apr 26 17:18:52 2025 Page 1 IM4Y9eNmuP7rKv7qy3vAhzMoB1
$\begin{array}{c} 1.5x3 \\ 3x4 \\ 1 \\ 1 \\ 2 \\ 3 \\ 1 \\ 1 \\ 3x4 \\ 1 \\ 1 \\ 3x4 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ $						
$3x4 \parallel 1.5x3 \parallel 1.5x3 \parallel 1.5x3 \parallel 1.5x3 \parallel 1.5x3 \parallel 3x8 FP = 1.5x3 \parallel 1.5x3 \parallel 3x4 = 1.5x3 \parallel 1.5x3 \parallel$						Scale = 1:37.3
$3x4 \parallel 1.5x3 \parallel 1.5x3 \parallel 1.5x3 \parallel 1.5x3 \parallel 1.5x3 \parallel 3x8 FP = 1.5x3 \parallel 1.5x3 \parallel 3x4 = 1.5x3 \parallel 1.5x3 \parallel$						
$3x4 \parallel 1.5x3 \parallel 1.5x3 \parallel 1.5x3 \parallel 1.5x3 \parallel 1.5x3 \parallel 3x8 FP = 1.5x3 \parallel 1.5x3 \parallel 3x4 = 1.5x3 \parallel 1.5x3 \parallel$						
1 2 3 1 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 1 5 1 5 1 5 1 5 16 17 18 19 1 5			1.5x3			
Image: state stat	3x4 1.5x3 1.5	5x3 1.5x3 1.5x3 3	3x8 FP = 1.5x3 1.5x3 3x4 = 1.5x3	1.5x3 1.5x3	1.5x3 1.5x3 1.5x3 1	1.5x3 1.5x3 3x4
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		B 4 5	67 8 9 10 11	12 13 12	14 15 16	17 18 19
$\begin{array}{c c c c c c c c c c c c c c c c c c c $		T1 ST1 ST1	-19-19-19-19-19-19-19-19-19-19-19-19-19-	ST1 ST1		
38 37 36 35 34 33 32 31 30 29 28 27 26 25 24 23 22 21 20	10 0		B1 B B B			
3x4 1.3x3 1.3x3 1.3x3 1.3x3 1.3x3 1.3x3 1.3x3 3x4						
1.5x3 1.5x3						

Qty

Ply

LOT 0.0048 HONEYCUTT HILLS | 56 SHELBY MEADOW LANE ANGIER, NC

			22-3-2				
I			22-9-2				I
Plate Offsets (X,Y)-	- [1:Edge,0-1-8], [10:0-1-8,Edge], [29:0)-1-8,Edge], [38:Edge,0-	1-8]				
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING-2-0-0Plate Grip DOL1.00Lumber DOL1.00Rep Stress IncrYESCode IRC2021/TPI2014	CSI. TC 0.07 BC 0.01 WB 0.03 Matrix-SH	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	i - n/ i - n/	la 999 la 999	PLATES MT20 Weight: 92 lb	GRIP 244/190 FT = 20%F, 11%E
			BRACING- TOP CHORD BOT CHORD	end vertical	ls.	directly applied or 10)-0-0 oc purlins, except ng.

22-9-2

REACTIONS. All bearings 22-9-2.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 38, 20, 37, 36, 35, 34, 33, 32, 31, 30, 29, 28, 26, 25, 24, 23, 22, 21

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

NOTES- (5)

Job

Truss

Truss Type

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.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply LOT 0	.0048 HONEYCUTT	HILLS 56 SHELBY N	IEADOW LANE ANGIER, NC
25-3336-F01	F1-10	Floor	6	1 Job F	Reference (optiona	D	# 58878
L			Run: 8.430 s Feb ID:5fx	12 2021 Print: 8.63	0 s Jul 12 2024 MiTe	k Industries, Inc. Sat	Apr 26 17:18:53 2025 Page 1 BK6lgiagXG3coSi7zMoB0
0-1-8			1 4 9				0 10 12
⊢ 1-3-0			<u> −−1−4−8</u>				<u>0-10-12</u> Scale = 1:38.2
3x4 =		3x8 =					
1.5x3 = 1	3x4 = 3x4 = 2	3x8 FP= 3x4 = 4 5 6	: 3x8 = 7	3x4 = 8	= 3x4 9	= 3x4 27 10	= 3x6 = 11
			W3 T	T2	, I		
25 24	23	22 21 20	19 18	17 16	15	14	
3x4 3x4 =	3x4 =	3x4 = 1.5x3 3x4 =	4x4 = 3x4	4x4 = 3x8		3x4 =	3x4 = 3x4 ∥
					3x4 =		
	4-0-0 6-6-0 2-6-0 2-6-0	9-1-8 11-7-8 2-7-8 2-6-0	<u>13-1-8</u> 14-6 1-6-0 1-4-		19-6- 2-6-0		
Plate Offsets (X,Y) [<u> </u>						
LOADING (psf) TCLL 40.0	SPACING- 1-4- Plate Grip DOL 1.0	0 TC 0.99	Vert(LL) -0.06		L/d 480	PLATES MT20	GRIP 244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.0 Rep Stress Incr N	O WB 0.46	Vert(CT) -0.07 Horz(CT) 0.01		360 n/a		
BCDL 5.0	Code IRC2021/TPI201	4 Matrix-SH				Weight: 115 lb	FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP	No.1(flat)		BRACING- TOP CHORD	Structural woo	od sheathing dire	ectly applied or 4-8	3-11 oc purlins, except
BOT CHORD 2x4 SP WEBS 2x4 SP	No.1(flat) No.3(flat)		BOT CHORD	end verticals. Rigid ceiling d	irectly applied or	r 6-0-0 oc bracing	
), 12=427/0-4-8 (min. 0-1-8), 18=	1820/0-4-8 (min. 0-1	-8)			
	rav 25=384(LC 3), 12=489(LC						
TOP CHORD 25-26	=-380/0, 1-26=-380/0, 11-12:	250 (lb) or less except when show =-486/0, 1-2=-493/0, 2-3=-1070/0,	3-4=-1095/0,				
	1095/0, 5-6=-578/232, 6-7=0/ =-1297/0, 10-11=-525/0	/732, 7-8=0/803, 8-9=-981/0, 9-27	=-1297/0,				
		2=-72/965, 20-21=-72/965, 19-20= -17=-392/513, 15-16=-392/513, 1-					
	=0/1149 -1788/0, 1-24=0/560, 2-24=-:	518/0, 5-20=-505/0, 6-20=0/522, 6	6-19=-819/0,				
	0/932, 7-17=0/961, 8-17=-89 =0/691	6/0, 8-15=0/683, 9-15=-651/0, 10	-13=-762/0,				
NOTES- (5)							
	e loads have been considere , 4, 5, 6 has/have been mod	ed for this design. ified. Building designer must revie	w loads to verify that	they are correct	t for the intended	1	
use of this truss. 3) Recommend 2x6 st	rongbacks, on edge, spaced	at 10-0-0 oc and fastened to eac	h truss with 3-10d (0.	- 131" X 3") nails	. Strongbacks to)	
	at their outer ends or restrai			/	Ū		
LOAD CASE(S)							
	palanced): Lumber Increase=	1.00, Plate Increase=1.00				WHUNHUNHUNHU	ROUL
	=-7, 1-11=-67 s (lb)				2	IN OFESS	ON A HILL
Vert: 7=-600		00			MIII	A CONTRACT	A state
Uniform Loads (plf)	=-7, 1-11=-67				nun	28147	
Concentrated Loads Vert: 7=-600	s (lb)				HUIN		
		rease=1.00, Plate Increase=1.00				SEAL 28147	ORAL SUITH
Operation of the second second						MARINE K. M	aman
Continued on page 2		before use . This design is based only u				4/25/2	and loaded

Job	Truss	Truss Type	Qty	Ply	LOT 0.0048 HONEYCUTT HILLS 56 SHELBY M	EADOW LANE ANGIER, NC
25-3336-F01	F1-10	Floor	6	1	Job Reference (optional)	# 58878

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Apr 26 17:18:53 2025 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-IdP5oe8fuo?tiLvqy0tJ5NBK6IgiagXG3coSi7zMoB0

LOAD CASE(S) Uniform Loads (plf) Vert: 12-25=-7, 1-7=-67, 7-11=-13 Concentrated Loads (lb) Vert: 7=-600 27=-335 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-7=-13, 7-11=-67 Concentrated Loads (lb) Vert: 7=-600 27=-335 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-7=-67, 7-11=-13 Concentrated Loads (lb) Vert: 7=-600 27=-335 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-7=-13, 7-11=-67

Concentrated Loads (lb)

Vert: 7=-600 27=-335



Job	Truss	Truss Type	Qty	Ply L	OT 0.0048 HONEYCUT	FHILLS 56 SHELBY M	EADOW LANE ANGIER, NC
25-3336-F01	F1-11	Floor	3	1	lah Dafaranga (antian	-1)	# 58878
			Run: 8.430 s Feb	12 2021 Print:	Job Reference (option: 8.630 s Jul 12 2024 MiT	ek Industries, Inc. Sat A	Apr 26 17:18:53 2025 Page 1
0-1-8			ID:5IXI	_xLn?Couvy	ia/SHK4ln2kC1-luP5	0eoluo?uLvqy0iJoine	3VIIhVahwG3coSi7zMoB0
H⊢ <u>1-3-0</u>		F	1-4-8				0-10-12
		1	I				Scale = 1:38.2
3x4 =		3x8 =					
1.5x3 =	3x4 = 3x4 =	3x8 FP= 3x4 =	3x8 =	3	3x4 = 3x4	= 3x4 =	= 3x6 =
1	2 3	4 5 6	7	то	8 9	10	11
	T1 R		W3 II	T2	म म		
				The second secon	-		
25 24	23	22 21 20 19		17	16 15	14	13 12
3x4 3x4 =	23 3x4 =	3x4 = 1.5x3 3x4 = 4x4			3x8 FP=	3x4 =	$3x4 = 3x4 \parallel$
					3x4 =		
1-6-0	4-0-0 6-6-0	9-1-8 11-7-8	13-1-8 14-6	-0 17	7-0-0 19-6	-0 22-0-0) 23-1-12
Plate Offsets (X,Y) [2	2-6-0 2-6-0 25:Edge 0-1-8]	2-7-8 2-6-0	1-6-0 1-4-		2-6-0 2-6-		
				(1	dafi 1/d		
LOADING (psf) TCLL 40.0	SPACING- 1-4- Plate Grip DOL 1.0		DEFL. ir /ert(LL) -0.06		defl L/d 999 480	PLATES MT20	GRIP 244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.0 Rep Stress Incr YE		/ert(CT) -0.08 Horz(CT) 0.01		999 360 n/a n/a		
BCDL 5.0	Code IRC2021/TPI201		1012(01) 0.01	10	11/a 11/a	Weight: 115 lb	FT = 20%F, 11%E
LUMBER-		B	BRACING-				
TOP CHORD 2x4 SP		Т	OP CHORD			ectly applied or 6-0	-0 oc purlins, except
BOT CHORD 2x4 SP WEBS 2x4 SP	No.1(liat) No.3(flat)	В	BOT CHORD	end vertic Rigid ceili	ing directly applied o	or 6-0-0 oc bracing.	
REACTIONS (lb/size)	25=380/0-7-8 (min 0-1-8), 12=241/0-4-8 (min. 0-1-8), 18=1054/(0-4-8 (min 0-1	-8)			
	av 25=400(LC 3), 12=303(LC			0)			
FORCES. (Ib) - Max. (Comp./Max. Ten All forces	250 (lb) or less except when shown.					
TOP CHORD 25-26=	-397/0, 1-26=-396/0, 11-12:	=-301Ì0, 1-2=-519/0, 2-3=-1143/0, 3-4=- 16, 7-8=0/778, 8-9=-545/384, 9-10=-678					
10-11=	-281/10		,				
		2=0/1109, 20-21=0/1109, 19-20=-213/37 5-16=-566/339, 14-15=-228/726, 13-14=		0/0,			
WEBS 7-18=-	1027/0, 1-24=0/589, 2-24=-	547/0, 5-20=-475/0, 6-20=0/491, 6-19=-	793/0,				
)/909, 7-17=0/706, 8-17=-65 13/371	3/0, 8-15=0/363, 9-15=-332/0, 10-13=-3	397/39,				
	-						
	e loads have been considere						
	ongbacks, on edge, spaced at their outer ends or restrai	at 10-0-0 oc and fastened to each truss ned by other means	s with 3-10d (0.	131" X 3") r	nails. Strongbacks t	0	
3) CAUTION, Do not er							

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0048 HONEYCUTT HI	LLS 56 SHELBY MEADOW	LANE ANGIER, NC
25-3336-F01	F1-12	Floor	2	1	Job Reference (optional)	# :	58878
		I	Run: 8.430 s Feb ID:5fxLxLr	12 2021 Prin ?C6dWjia?	it: 8.630 s Jul 12 2024 MiTek SHK4thzkcYI-DpzT0_9Hi	ndustries, Inc. Sat Apr 26 17: 57kJUU1WjOYdajfXi0RJ7	18:54 2025 Page 1 7tQIGY0EZzMoB?
<u> </u>			1-5-4			1-5-12	⊣ ⁰ -3-8
							Scale = 1:38.0
3x6 =	3x4 = 3x4 =	3x8 = = 3x8 FP= 3x4 =	= 3x8 =		3x4 = 1.5x3 3x4 =	= 3x4 =	4x6 = 3x4
1	2 T1 3	4 5 6	7	T2	8 9 10	11	12 _W 43
-0-0			W3			Re W4	
			21 20				15 14
27 26 3x4 3x4 =	25 3x4 =	24 23 22 3x4 = 1.5x3 3x4 =	21 20 3x6 = 3x4	19 3x4 =	18 17 3x8 FP=3x8 =	16 3x4 =;	15 14 3x6 =
			0,0 - 0,4 11	0x4 —	0,0 11 - 0,0 -	0,4 - 0	4x6 =
		<u>13-2-4</u> 13-2-4			<u>22-6-8</u> 9-4-4		23-2-8
Plate Offsets (X,Y)	[14:Edge,0-1-8], [27:Edge						
LOADING (psf) TCLL 40.0	SPACING- Plate Grip DOL	1-4-0 CSI. 1.00 TC 0.37	DEFL. in Vert(LL) -0.06		/defl L/d •999 480	PLATES GRIP MT20 244/19	90
TCDL 10.0 BCLL 0.0	Lumber DOL Rep Stress Incr	1.00 BC 0.27 NO WB 0.45	Vert(CT) -0.08 Horz(CT) 0.01	24 >	•999 360 n/a n/a		
BCDL 5.0	Code IRC2021/TP	I2014 Matrix-SH				Weight: 119 lb FT =	= 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF			BRACING- TOP CHORD		I wood sheathing direct	ly applied or 6-0-0 oc p	urlins, except
BOT CHORD 2x4 SF WEBS 2x4 SF	P No.1(flat) P No.3(flat)		BOT CHORD	end verti Rigid cei	cals. ling directly applied or 6	-0-0 oc bracing.	
		-1-8), 20=1121/0-4-8 (min. 0-1-8),	14=1049/0-4-8 (min. 0-	1-8)			
		21(LC 1), 14=1111(LC 4)					
TOP CHORD 1-27	=-395/0, 1-2=-509/0, 2-3=	rces 250 (lb) or less except when sh -1122/0, 3-4=-1180/0, 4-5=-1180/0,	5-6=-698/127,				
BOT CHORD 25-20	6=0/954, 24-25=0/1266, 2	8/224, 9-10=-718/224, 10-11=-978/ 3-24=0/1066, 22-23=0/1066, 21-22	-288/322, 20-21=-1408	,			
WEBS 7-20:	-1093/0, 1-26=0/604, 2-2)4, 17-18=-513/394, 16-17=0/960, 1)6=-542/0, 5-22=-483/0, 6-22=0/499 =-744/0, 8-17=0/514, 10-17=-399/0,	, 6-21=-804/0,	Z			
12-14	-0/948, 7-19-0/804, 8-19 4=-1277/0	744/0, 6-17-0/514, 10-17399/0,	11-15556/154,				
NOTES- (5)	ve loads have been cons	dered for this design					
		nodified. Building designer must rev	view loads to verify that	they are c	orrect for the intended		
3) Recommend 2x6 s	trongbacks, on edge, spa s at their outer ends or re	ced at 10-0-0 oc and fastened to e strained by other means	ach truss with 3-10d (0.	131" X 3")	nails. Strongbacks to		
	erect truss backwards.						
LOAD CASE(S) Stan 1) Dead + Floor Live		ase=1.00, Plate Increase=1.00					
Uniform Loads (plf							
Concentrated Load Vert: 12=-8	ls (lb)				8	MUCHTH CAROLIN	1111
	ease=1.00, Plate Increas	e=1.00			mm	2ROFESSION	(Institution of the second sec
	/=-7, 1-13=-67				tunin.	SEAL	111111
Vert: 12=-8	365	Increase=1.00, Plate Increase=1.0	0		BHIII	28147	in the second seco
Uniform Loads (plf					(IIIII)	1 ANOINEER S	Summer Street
						SEAL 28147	
Continued on page 2						4/25/2025	
***				1			

25-3336-F01 F1-12 Floor 2 1 Job Reference (optional)	# 58878

n: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 Mi Lek Industries, Inc. Sat Apr 26 17:18:54 2025 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-DpzT0_9Hf57kJUU1WjOYdajfXi0RJ7tQIGY0EZzMoB?

LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 12=-865 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 14-27=-7, 1-7=-13, 7-13=-67 Concentrated Loads (lb) Vert: 12=-865 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 14-27=-7, 1-7=-67, 7-13=-13 Concentrated Loads (lb) Vert: 12=-865 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 14-27=-7, 1-7=-13, 7-13=-67

Concentrated Loads (lb) Vert: 12=-865



Job	Truss	Truss Type		Qty Ply	/ LOT 0.0048	HONEYCUTT HILLS 56 SHEL	BY MEADOW LANE ANGIER, NC
25-3336-F01	F1-12A	Floor		7	1	ence (optional)	# 58878
				Run: 8.430 s Feb 12 2 ID:5fxLxLn?C6	021 Print: 8.630 s Ju	Il 12 2024 MiTek Industries, Inc.	Sat Apr 26 17:18:54 2025 Page 1 Ydajdyi_JJ5EQIGY0EZzMoB?
120				154	104		0-3-8
1-3-0				1-5-4	1-0-4		⁰ [4] ⁰ ⊨ Scale = 1:38.0
		3x8 =					4x8 =
3x6 =		4 = 3x8 FP=	3x4 =	5x12 =	3x8 =		3x4 = 3x4 ∥
	2 T1 3		6 	7 		9 	10 11 _{W6} 2 ໄຂໂ ທີ່ຖືກໃຫ ້ ໂອ
		1 1 1 1		Wal		B2 B2	
	26	25 24 2	3 22	21 20 19	9 18	17 16	15 14 13
3x4 3x4	= 3x4 =	3x4 = −1.5x3 3x	≪4 = 3x6 =			3x4 = 3x4 =	3x4
				3x4 4x1	10 =		4x4 = 4x6 =
				14-5-6	15-8-8		
		<u>13-2-4</u> 13-2-4			15-7-0 1-1-10 0-1-8	<u>22-6-8</u> 6-10-0	<u>23-2-8</u> 0-8-0
	- [13:Edge,0-1-8], [28:Ec	lge,0-1-8]					
LOADING (psf) TCLL 40.0	SPACING- Plate Grip DOL	1-4-0 CSI. 1.00 TC	0.47 Ve		25 >999 4	./d PLATES 80 MT20	GRIP 244/190
TCDL 10.0 BCLL 0.0	Lumber DOL Rep Stress Incr		0.62 H	ert(CT) -0.08 16- orz(CT) 0.01		60 n/a	
BCDL 5.0	Code IRC2021/	TPI2014 Matri				Weight: 12	20 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4						neathing directly applied o	r 6-0-0 oc purlins, except
	SP No.3(flat) *Except*		В		d verticals. gid ceiling direct	ly applied or 6-0-0 oc brad	cing.
	2x4 SP No.2(flat)	. 0-1-8), 21=1926/0-4-8 (n	nin (0.1.8) (13=1223)	0_1_8 (min_0_1_8)			
		1926(LC 1), 13=1286(LC 4		0-4-0 (11111: 0-1-0)			
		forces 250 (lb) or less exc 3=-910/37, 3-4=-831/245, 4		206/614			
6-7	/=0/1210, 7-8=-332/338, 8	3-9=-1881/0, 9-10=-1676/0 36, 24-25=-400/646, 23-24	, 10-11=-963/0				
21		4/0, 19-20=-2124/0, 18-19					
WEBS 7-2	1=-1879/0, 1-27=0/515, 2	2-27=-459/2, 5-25=0/258, 7-19=0/2200, 8-19=-1960/0					
	-15=-565/0, 11-15=0/416,		·,··,··,··	,			
NOTES- (5) 1) Unbalanced floo	r live loads have been co	nsidered for this design.					
use of this truss.		n modified. Building desigi					
be attached to w	alls at their outer ends or	paced at 10-0-0 oc and fa restrained by other means		with 3-10d (0.131	" X 3") nails. Str	rongbacks to	
,	ot erect truss backwards.						
		rease=1.00, Plate Increase	e=1.00			MUMELINI	CAR
	28=-7, 1-12=-67					UNITER TH	SEIN
	932 11=-865					PROFE 28	1 and the second
Úniform Loads (196-1.00				28	AL
Concentrated Lo	28=-7, 1-12=-67 ads (lb) 932 11=-865					4111111	
		per Increase=1.00, Plate In	crease=1.00			A ARY	NEEPARS
Continued on page	2					Min K.	AL 147 NORAS 1000 5/2025 Iled and loaded
	∠ design parameters and read	I notes hofers was This desire	is based only man	amatara aharrin ar 1 :-	for an individ11	4/2	5/2025

Job	Truss	Truss Type	Qty	Ply	LOT 0.0048 HONEYCUTT HILLS 56 SHELBY MEADOW LANE ANGIER, NC
25-3336-F01	F1-12A	Floor	7		Job Reference (optional) # 58878

n: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Apr 26 17:18:54 2025 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-DpzT0_9Hf57kJUU1WjOYdajdyi_JJ5EQIGY0EZzMoB?

LOAD CASE(S) Uniform Loads (plf) Vert: 13-28=-7, 1-7=-67, 7-12=-13 Concentrated Loads (lb) Vert: 8=-932 11=-865 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-28=-7, 1-7=-13, 7-12=-67 Concentrated Loads (lb) Vert: 8=-932 11=-865 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-28=-7, 1-7=-67, 7-12=-13 Concentrated Loads (lb) Vert: 8=-932 11=-865 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-28=-7, 1-7=-13, 7-12=-67

Concentrated Loads (lb)

Vert: 8=-932 11=-865



Job	Truss	Truss Type	Qty	Ply	LOT 0.0048 HONEYCU	JTT HILLS 56 SHELBY M	EADOW LANE ANGIER, NC
25-3336-F01	F1-13	Floor	1	1			# 58878
			Run: 8 430 s. Feb	12 2021 Pr	Job Reference (opti-		Apr 26 17:18:54 2025 Page 1
			ID:5fxLxLn?	2C6dWjia	?SHK4thzkcYI-DpzT0	_9Hf57kJUU1WjOYdaj	ggi1wJ8?QIGY0EZzMoB?
1-3-0	1				1-5-	4	<u>1-0-0</u> -1-8
							Scale = 1:26.0
							Scale - 1.20.0
							3x4 =
3×6 —	3x4 =	3x4 = 1.5x3	3x4 =	3x4	=	3x8 =	1.5x3 =
1 ^{3x6} =	2	3 4	5 	6		7	8
					W		
			B1				
\bowtie							o 🖉
¥Ž 10		14	13		12		
3x4 3>	4 = 3x4 =	3x8 =	3x4 =		3x6 =	3x4 3	x4 = 3x4
		13-2-4				15 (9-12
		13-2-4					7-8
Plate Offsets (X,Y)	[8:0-1-8,Edge], [17:Edge,0-1-8]	1			1	
LOADING (psf)	SPACING- 1-4-) CSI.	DEFL. in	(loc)	l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.0		Vert(LL) -0.05	14	>999 480	MT20	244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.0 Rep Stress Incr YES		Vert(CT) -0.07 Horz(CT) 0.01		>999 360 n/a n/a		
BCDL 5.0	Code IRC2021/TPI201				inga inga	Weight: 80 lb	FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP	No.1(flat)		TOP CHORD	Structur	ral wood sheathing	directly applied or 6-0	-0 oc purlins, except
BOT CHORD 2x4 SP				end ver	ticals.		
WEBS 2x4 SP	No.3(flat)		BOT CHORD	Rigid ce	eiling directly applie	d or 6-0-0 oc bracing.	
		, 9=-353/0-3-8 (min. 0-1-8), 11	=1096/0-4-8 (min. 0-1-	8)			
	plift9=-413(LC 3)	~ 1					
Max G	rav17=395(LC 3), 11=1096(L	5 1)					
		250 (lb) or less except when sh					
	:-391/0, 9-18=0/419, 8-18=0/4 1169/0, 5-6=-650/0, 6-7=0/37	18, 1-2=-504/0, 2-3=-1098/0, 3 7-8=0/540	-4=-1169/0,				
		=0/1002, 12-13=0/272, 11-12=	-1189/0, 10-11=-1196/0				
		36/0, 5-13=-435/0, 6-13=0/468	, 6-12=-791/0,				
7-12=	0/932, 7-10=0/777, 8-10=-66	10					
NOTES- (5)							
	/e loads have been considere	d for this design. ss to bearing plate capable of v	vithstanding 413 lb unlif	t at ioint (a		
		at 10-0-0 oc and fastened to each				s to	
be attached to walls	s at their outer ends or restrain		,		· •		
4) CAUTION, Do not e	erect truss dackwards.						
LOAD CASE(S) Stand	dard						



Job	Truss	Truss Type	Qty	Ply	LOT 0.0048 HONEYCU	ITT HILLS 56 SHELBY	MEADOW LANE ANGIER, NC		
25-3336-F01	F1-14	Floor	4	1			# 58878		
			Run: 8.430 s Feb	12 2021 Pi	Job Reference (option int: 8.630 s Jul 12 2024 N	liTek Industries, Inc. Sa	t Apr 26 17:18:55 2025 Page 1		
1-3-0			ID:SIXLXLI17C0	avvjia?5r	1-5-		rQ6N92bFZXwHZn?zMoB_ <u>1-0-0</u> 0-1-8		
						1			
							Scale = 1:26.0		
							3x4 =		
2,46	3x4 =	3x4 = − 1.5x3	3x4 =	3x4	=	3x8 =	1.5x3 =		
1 ^{3x6} =	2	3 4	5 	6		7	8		
					×43				
			B1 B1						
					I				
47 16	15	14	13		12				
3x4 3x4	3x4 =	3x8 =	3x4 =		3x6 =	3x4	3x4 = − 3x4		
1-6-0	4-0-0	9-1-8		11-7-			15-9-12		
1-6-0 Plate Offsets (X,Y) [8	2-6-0 2:0-1-8,Edge], [17:Edge,0-1-6	<u>5-1-8</u>	1	2-6-) 1-6-	12 1-4-8	1-3-0		
LOADING (psf)	SPACING- 1-4-	0 CSI .	DEFL. in	(loc)	l/defl L/d	PLATES	GRIP		
TCLL 40.0	Plate Grip DOL 1.0	D TC 0.30	Vert(LL) -0.05	<u>14</u>	>999 480	MT20	244/190		
TCDL 10.0 BCLL 0.0	Lumber DOL 1.0 Rep Stress Incr YE		Vert(CT) -0.07 Horz(CT) 0.01		>999 360 n/a n/a				
BCDL 5.0	Code IRC2021/TPI201	4 Matrix-SH				Weight: 80 lb	FT = 20%F, 11%E		
LUMBER- TOP CHORD 2x4 SP I	No 1(flat)		BRACING- TOP CHORD	Structu	al wood sheathing a	lirectly applied or 6	-0-0 oc purlins except		
BOT CHORD 2x4 SP	No.1(flat)			end verticals.					
WEBS 2x4 SP	No.3(flat)		BOT CHORD	Rigid ce	iling directly applied	l or 6-0-0 oc bracing	g.		
	17=395/0-8-4 (min. 0-1-8) lift9=-413(LC 3)), 9=-353/0-7-8 (min. 0-1-8), 11=	1096/0-4-8 (min. 0-1-	8)					
	av 17=395(LC 3), 11=1096(L	C 1)							
		250 (lb) or less except when sho							
	391/0, 9-18=0/419, 8-18=0/4 169/0, 5-6=-650/0, 6-7=0/37	18, 1-2=-504/0, 2-3=-1098/0, 3-4 8, 7-8=0/540	4=-1169/0,						
BOT CHORD 15-16=	0/943, 14-15=0/1229, 13-14								
	/932, 7-10=0/777, 8-10=-66		0-1273170,						
NOTES- (5)									
	e loads have been considere	d for this design. ss to bearing plate capable of wi	thstanding 413 lb unlift	t at ioint (9				
3) Recommend 2x6 str	ongbacks, on edge, spaced	at 10-0-0 oc and fastened to ea				s to			
4) CAUTION, Do not er	at their outer ends or restrai ect truss backwards.	ieu by other means.							
LOAD CASE(S) Standa	ard								
,									
						INTERTH CA	uillen.		
						WHEN BIH CA	ROLIA		
						MIN OROFESE	Pro Pin		



Job	Truss	Truss Type	Qty	Ply LOT 0.0048 HONE	EYCUTT HILLS 56 SHELB	Y MEADOW LANE ANGIER, NC
25-3336-F01	F1-15	Floor	1	1 Job Reference (# 58878
0-1-8 ⊢⊢ <u>1-3-0</u>	-		ID:5fxLxLn?C6d	Wjia?SHK4thzkcYI-h?XrDł	124 Millek industries, inc. s (AvQPFbxe3D3QvnAoC	at Apr 26 17:18:55 2025 Page 1 GrW6NB2bSZXwHZn?zMoB_ 01r8 01r8 Scale = 1:26.0
	3x4 = 2 16 15 3x4 = 3x4 =	3x4 = 1.5x3 3 4 14 14 3x8 = 3x8 = 3x8	3x4 = 5 T1 B1 13 3x4 =	3x4 = 6 12 4x4 =	3x8 = 7 W3 3x4	3x4 = 1.5x3 = 8 19 10 3x4 = 3x4
Plate Offsets (X,Y)	[8:0-1-8,Edge], [17:Edge,0-1-6	<u>13-1-8</u> 13-1-8 3]				15-9-0 2-7-8
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4- Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI201-	TC 0.29 BC 0.24 WB 0.43	DEFL. in Vert(LL) -0.05 Vert(CT) -0.07 Horz(CT) 0.01	(loc) l/defl L/d 14 >999 480 14 >999 360 11 n/a n/a	PLATES MT20 Weight: 80	GRIP 244/190 Ib FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP			BRACING- TOP CHORD BOT CHORD	Structural wood sheathi end verticals. Rigid ceiling directly ap		6-0-0 oc purlins, except ng.
Max U	e) 17=389/0-3-8 (min. 0-1-8) plift9=-409(LC 3) rav 17=389(LC 3), 11=1088(L	l, 9=-348/0-7-8 (min. 0-1-8), 11 C 1)	=1088/0-4-8 (min. 0-1-8	3)		
TOP CHORD 17-18 3-4=- BOT CHORD 15-16 WEBS 7-11=	3=-386/0, 1-18=-385/0, 9-19=0 1155/0, 4-5=-1155/0, 5-6=-63 5=0/936, 14-15=0/1219, 13-14	=0/986, 11-12=-1178/0, 10-11= 29/0, 5-13=-439/0, 6-13=0/472	2-3=-1090/0, 1183/0			
2) Provide mechanica3) Recommend 2x6 st	trongbacks, on edge, spaced as at their outer ends or restrain	ss to bearing plate capable of w at 10-0-0 oc and fastened to ea			acks to	
LOAD CASE(S) Stand	dard					



Job	Truss		Truss Type			Qty P	ly LOT 0.004	B HONEYCUTT HIL	LS 56 SHELBY MEA	DOW LANE ANGIER, NC
25-3336-F01	F1-19		GABLE			1	1	anao (antional)		# 58878
					Run	: 8.430 s Feb 12	2021 Print: 8.630 s J	ence (optional) ul 12 2024 MiTek In b2XrDKAyOPEb	dustries, Inc. Sat Apr	26 17:18:55 2025 Page 1 Qr2hhZXwHZn?zMoB_
0- <u>1-</u> 8										
11										Scale = 1:22.9
1.5x3										1.5x3
1.5x3 = 1	1.5x3 2	1.5x3 ∣∣ 3	1.5x3 ∣∣ 4	1.5x3 5	$6^{3x4} =$	1.5x3 7	1.5x3 8	1.5x3 ∣∣ 9	1.5x3	3x4 11 12
	2				T1		8		<u> </u>	
	ST1	ST1	ST1	ST1	STI W2	ST1	ST1	ST1	ST1	ST1 W1 00
					ы. т					
						XXXXXXX			XXXXXXXXX	XXXXXX
24	23	22	21	20	19	18	17	16	15	14 13
3x4	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	1.5x3	1.5x3	1.5x3	3x4
										1.5x3
1-4-0	2-8-0) 4-0-1) 5-4-0) 6-8-0	8-0-0	.	4-0 10-8	-0 12-0)-0 13-4-() 12 11 0
1-4-0	1-4-() 1-4-) 1-4-0) 1-4-0	1-4-0		4-0 10-8 4-0 1-4			
Plate Offsets (X,Y)	[6:0-1-8,Ed	lge], [18:0-1-8,E	.dge], [24:Edge,	0-1-8]						
LOADING (psf)			-0-0	CSI.	DEFL			_/d		RIP
TCLL 40.0 TCDL 10.0			1.00 1.00	TC 0.06 BC 0.01	Vert(Vert(99 99	MT20 24	14/190
BCLL 0.0 BCDL 5.0		Stress Incr e IRC2021/TPI2	YES	WB 0.03	Horz	(CŤ) 0.00	13 n/a	n/a	Weight: 59 lb	FT = 20%F, 11%E
	Cod		2014	Matrix-SH					weight: 59 lb	FT = 20%F, TT%E
LUMBER- TOP CHORD 2x4 S	P No 1(flat)				BRAC		tructural wood s	heathing directly	v applied or 6-0-0	oc purlins, except
BOT CHORD 2x4 S	P No.1(flat)					е	nd verticals.			oc pullins, except
	P No.3(flat) P No.3(flat)				BOT	CHORD R	ligid ceiling direc	tly applied or 10	0-0-0 oc bracing.	
	. ,									
REACTIONS. All b	earings 13-	11-8.								

REACTIONS. All bearings 13-11-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 23, 22, 21, 20, 19, 18, 17, 16, 15, 14

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

NOTES- (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) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply LOT 0.0048 HONEYCU	JTT HILLS 56 SHELBY MEADOW LANE ANGIER, NO
25-3336-F01	F1-20	Floor	4	1 Job Reference (optio	# 58878
0-1-8 H ├── <u>1-3-0</u>	4		Run: 8.430 s Feb ID:5fxLxLn?C6d	dWjia?SHK4thzkcYI-h?XrDKAv	ITER Industries, Inc. Sat Apr 26 17:18:55 2025 Page 1 QPFbxe3D3QvnAoGqR6Hf2ZOZXwHZn?zMoB_ 1-2-4 Scale = 1:23.5
$4x4 =$ $1.5x3 =$ 1 1 1 1 1 $3x4 \parallel 3$	3x4 = 2 4 x8 =	3x4 = 3 13 12 3x4 = 3x4	3x8 = 4 B1 B1 B1 B1 B1 B1 B1 B1 B1 B1 B1 B1 B1	3x4 = 5 10 3x4 =	4x4 = 3x4 $6 7$ 7 9 $4x4 = 3x6 =$
<u>− 1-6-0</u> <u>− 1-6-0</u> Plate Offsets (X,Y) [1:	<u> </u>	6-6-0 2-6-0 8]	<u>9-1-8</u> 2-7-8	<u>11-7-8</u> 2-6-0	14-0-12 14-3-12 2-5-4 0-3-0
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0 Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr YE Code IRC2021/TPI20	00 TC 0.36 00 BC 0.59 S WB 0.56	Vert(LL) -0.17	(loc) l/defl L/d 11-12 >999 480 11-12 >739 360 8 n/a n/a	PLATES GRIP MT20 244/190 Weight: 71 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N WEBS 2x4 SP N REACTIONS (lb/size)	o.1(flat) o.3(flat)), 8=773/0-4-8 (min. 0-1-8)	BRACING- TOP CHORD BOT CHORD	Structural wood sheathing o end verticals. Rigid ceiling directly applied	directly applied or 6-0-0 oc purlins, except d or 10-0-0 oc bracing.
	,	250 (lb) or loss except when sh			

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

TOP CHORD 15-16=-762/0, 1-16=-760/0, 1-2=-1038/0, 2-3=-2447/0, 3-4=-3029/0, 4-5=-2818/0, 5-6=-1811/0

BOT CHORD 13-14=0/1946, 12-13=0/2911, 11-12=0/3120, 10-11=0/3120, 9-10=0/2499, 8-9=0/1084

WEBS 1-14=0/1182, 2-14=-1108/0, 2-13=0/611, 3-13=-567/0, 4-10=-363/0, 5-10=0/389, 5-9=-840/0, 6-9=0/888, 6-8=-1302/0

NOTES- (3)

1) 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.

2) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Job	Truss	Truss Type		Qty	Ply	LOT 0.0048 HONEYCL	TT HILLS 56 SHELBY	MEADOW LANE ANGIER, NC
25-3336-F01	F1-21	Floor Girder		1	1			
23-3330-101	1 1-21				'	Job Reference (optic	onal)	# 58878
				Run: 8.430 s F ID:5fxLxL	eb 12 2021 Pri .n?C6dWjia?	int: 8.630 s Jul 12 2024 M SHK4thzkcYI-AC5DR	liTek Industries, Inc. Sat gBXBjNSZodPd8Q0i	Apr 26 17:18:56 2025 Page 1 ?pxhVYXnwUjla16ISzMoAz
0-1-8					,		0	
⊣ ⊢ 1-3-0	4	0-7-12			0-8-8			└ <u>0-8-8</u> Scale = 1:23.7
	1	1 1			I			Scale = 1:23.7
		THA422		THA422	THA42	22		
6x8 =	6x10 =	6x8 =	THA422	4x6	6x8	=	6x10 =	6x8 =
1	2	3	18	4 19	5		6	7
					-			
	W2 W2	W3 1 W2		W2 -	_wa	W2 V	V2 W2	
+				B1				
	6	15 14	13	12	2 11	10		9 8
3x6 6>	(12 =	5x6 = 3x6	4x6	4x	6 3x6			6x8 = 3x6
	4-9-4		٥	-5-12			14-3-12	
	4-9-4			-8-8			4-10-0	
Plate Offsets (X,Y) [7	7:0-3-0,Edge], [15:0-1-8,E	dge]						
LOADING (psf)	SPACING- 2	-0-0 CSI .		DEFL.	in (loc)	l/defl L/d	PLATES	GRIP
TCLL ÄO.Ó	Plate Grip DOL	1.00 TC	0.58	Vert(LL) -0.	29 12-13	>582 480	MT20	244/190
TCDL 10.0 BCLL 0.0	Lumber DOL Rep Stress Incr	1.00 BC NO WB	0.94	Vert(CT) -0. Horz(CT) 0.		>471 360 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2				05 0	n/a n/a	Weight: 112	b FT = 20%F, 11%E
							3	- ,
LUMBER- TOP CHORD 2x4 SP	No 1(flat)			BRACING- TOP CHORD	Structur	al wood sheathing c	lirectly applied or 6-	0-0 oc purlins, except
BOT CHORD 2x4 SP					end vert		incerty applied of 0-	
	No.3(flat) *Except*			BOT CHORD	Rigid ce	iling directly applied	l or 10-0-0 oc bracir	ng.
W2: 2x4	SP No.2(flat)							
REACTIONS. (Ib/size)) 17=1444/0-7-8 (min. 0	-1-8), 8=1447/0-4-8 (m	nin. 0-1-8)					
		· · · · · · · · · · · · · · · · · · ·	, 					
TOP CHORD 1-17=-	Comp./Max. Ten All for 1420/0, 7-8=-1434/0, 1-2	es 250 (ID) or less exce =-2401/0, 2-3=-6230/0	ept when show 3-18=-7839/0	/n. . 4-18=-7839/0				
4-19=-	7716/0, 5-19=-7716/0, 5-	6=-5453/0, 6-7=-1493/0)					
	=0/4497, 14-15=0/7313, 1	3-14=0/7314, 12-13=0/	8289, 11-12=0)/7252, 10-11=0/72	255,			
9-10=0	19091							

WEBS 3-13=0/602, 4-13=-525/0, 4-12=-669/0, 5-12=0/614, 5-10=-2063/0, 6-10=0/2048,

6-9=-2571/0, 7-9=0/2008, 1-16=0/2716, 2-16=-2445/0, 2-15=0/2022, 3-15=-1481/0

NOTES- (6)

1) 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.

2) CAUTION, Do not erect truss backwards.

3) Use Simpson Strong-Tie THA422 (6-16d Girder, 6-10d Truss) or equivalent spaced at 1-7-3 oc max. starting at 4-9-4 from the left end to

9-5-12 to connect truss(es) F1-24 (1 ply 2x4 SP), F1-23 (1 ply 2x4 SP), F1-22 (1 ply 2x4 SP) to back face of top chord.

4) Fill all nail holes where hanger is in contact with lumber.

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

LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf)

Vert: 8-17=-10, 1-7=-100

Concentrated Loads (lb)

Vert: 3=-425(B) 5=-447(B) 18=-236(B) 19=-236(B)



Job	Truss	Truss Type	Qty	Ply LOT 0	.0048 HONEYCUT	T HILLS 56 SHELBY N	IEADOW LANE ANGIER	l, NC
25-3336-F01	F1-22	Floor Girder	1 Run: 8.430 s Fe ID:5fxLxl	b 12 2021 Print: 8.63	Reference (option 0 s Jul 12 2024 MiT 4thzkcYI-AC5DR	ek Industries, Inc. Sat.	# 58878 Apr 26 17:18:56 2025 Pa i?pz_VjNn13jla16ISzM	ige 1 IoAz
0-1-8 ⊢ ⊢	1-3-0 0-5-8					J0-11-	8 Scale = 1:′	17.3
1 ^{3x4}	= 3x8 = 2	THA422 15	3 x 4 = 3 x 4 = 1	THA422 16	3x4 =	THA422 17	3x6 =	r
	1.5×3 = W3		B1			W4	W	1-0-0
12 1.5x3	$11 \qquad 3x4 = 3x4 =$	9 3x6 =		8 3x4 =		7 3x4 =	6 3x4	
	2-1-0 <u>1-6-0</u> <u>1-11-8</u> <u>1-6-0</u> 0-5-8 0-1-8	3-5-8 1-4-8	5-11-8 2-6-0		8-5-8 2-6-0		8-0 2-8	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0- Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr NC Code IRC2021/TPI201	TC 0.50 BC 0.24 WB 0.47	DEFL. i Vert(LL) -0.0 Vert(CT) -0.0 Horz(CT) 0.0	3 8 >999	L/d 480 360 n/a	PLATES MT20 Weight: 51 lb	GRIP 244/190 FT = 20%F, 11%	6E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			BRACING- TOP CHORD BOT CHORD	end verticals.	Ū	rectly applied or 6-0 or 6-0-0 oc bracing	0-0 oc purlins, excep	pt
	e) 6=528/Mechanical, 10=13 irav6=547(LC 4), 10=1370(LC							
TOP CHORD 5-6=- BOT CHORD 10-1	.543/0, 1-2=0/623, 3-16=-994/ I=-902/0, 9-10=-871/0, 8-9=0/	250 (lb) or less except when sh), 4-16=-994/0, 4-17=-517/0, 5- 363, 7-8=0/1088 /489, 2-9=0/990, 3-9=-929/0, 4	-17=-517/0					
2) Refer to girder(s) for	ve loads have been considere or truss to truss connections. 3 4 5 6 has/have been modi	d for this design. ïed. Building designer must rev	view loads to verify that	t they are correct	for the intende	ed.		
use of this truss. 4) Recommend 2x6 s be attached to wall 5) CAUTION, Do not	trongbacks, on edge, spaced s at their outer ends or restrain erect truss backwards.	at 10-0-0 oc and fastened to ended by other means.	ach truss with 3-10d (0).131" X 3") nails	Strongbacks	to		
to connect truss(es 7) Fill all nail holes wh) F1-27 (1 ply 2x4 SP) to back here hanger is in contact with l		-		e left end to 8-1	-4		
Uniform Loads (plf)	(balanced): Lumber Increase=						111.	
Concentrated Load Vert: 1=-26	ls (lb) i4 15=-144(B) 16=-144(B) 17= ease=1.00, Plate Increase=1.0	-144(B)				SEAL 28147 ARK K	ROLWA	
Concentrated Load Vert: 1=-26	i4 15=-144(B) 16=-144(B) 17=		10		annu the	SEAL 28147		
Uniform Loads (plf)					3	AND	2025	
Continued on page 2						4/25/2	2025	

Job	Truss	Truss Type	Qty	Ply	LOT 0.0048 HONEYCUTT HILLS 56 SHEL	BY MEADOW LANE ANGIER, NC
25-3336-F01	F1-22	Floor Girder	1	1	Job Reference (optional)	# 58878
		Run: 8	130 s Eeb	12 2021 Pri	nt: 8 630 s Jul 12 2024 MiTek Industries Inc.	Sat Apr 26 17:18:56 2025 Page 2

ID:5fxLxLn?C6dWjia?SHK4thzkcYI-AC5DRgBXBjNSZodPd8Q0i?pz_VjNn13jla16lSzMoAz

LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 1=-264 15=-224(B) 16=-224(B) 17=-224(B)

- 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
 - Vert: 6-12=-10, 1-2=-110(F=-90), 2-5=-100
- Concentrated Loads (lb)
- Vert: 1=-264 15-144(B) 16=-144(B) 17=-144(B) 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
 - Uniform Loads (plf)

Vert: 6-12=-10, 1-2=-190(F=-90), 2-5=-20

Concentrated Loads (lb) Vert: 1=-264 15=-224(B) 16=-224(B) 17=-224(B) 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf) Vert: 6-12=-10, 1-2=-110(F=-90), 2-5=-100

Concentrated Loads (lb) Vert: 1=-264 15=-144(B) 16=-144(B) 17=-144(B)



Job	Truss	Truss Type	Qty	Ply LOT 0.0048 HON	IEYCUTT HILLS 56 SHELBY MEADOW LANE ANGIER, NG
25-3336-F01	F1-23	Floor Special	2	1 Job Reference	(optional) # 58878
0-1-8			Run: 8.430 s Feb ID:5fxLxLn	12 2021 Print: 8.630 s Jul 12 2 h?C6dWjia?SHK4thzkcYI-A	2024 MiTek Industries, Inc. Sat Apr 26 17:18:56 2025 Page 1 AC5DRgBXBjNSZodPd8Q0i?p?PVkxn4bjla16ISzMoAz
H	1-3-0 0-5-8				0-11-8 Scale = 1:17.3
2.4	3x8 =		3x4 =	3x4 =	= 3x6 =
1 ^{3x4} =	2		3	4	5
	5x3 =				W4 W
			B1	¥	
12	11 10	9	8		7 6
1.5x3	3x4 = 3x4	3x4 =	3	3x4 =	3x4 == 3x4
	2-1-0 1-6-0 1-11-8	3-5-8	5-11-8	8-5-8	9-8-0
LOADING (psf)	1-6-0 0-5-8 0-1-8 SPACING- 2-0-0	1-4-8	2-6-0	2-6-0 1 (loc) l/defl L/d	1-2-8 PLATES GRIP
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.00 Lumber DOL 1.00	TC 0.35	Vert(LL) -0.02 Vert(CT) -0.02	2 8 >999 480	MT20 244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr NC Code IRC2021/TPI2014		Horz(CT) 0.00) 6 n/a n/a	Weight: 51 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N WEBS 2x4 SP N	o.1(flat)		BRACING- TOP CHORD BOT CHORD	end verticals.	ning directly applied or 6-0-0 oc purlins, except oplied or 6-0-0 oc bracing.
	6=317/Mechanical, 10=976				
FORCES. (lb) - Max. Co TOP CHORD 5-6=-33 BOT CHORD 10-11=-	2/0, 1-2=0/522, 2-3=0/501, 3 763/0, 9-10=-745/0, 8-9=-29	250 (lb) or less except when show 3-4=-546/145, 4-5=-297/2			
NOTES- (6) 1) Unbalanced floor live	loads have been considered	l for this design			
2) Refer to girder(s) for t 3) Load case(s) 1, 2, 3,	russ to truss connections.	ed. Building designer must revie	w loads to verify that	they are correct for the i	ntended
	ngbacks, on edge, spaced a t their outer ends or restrain	t 10-0-0 oc and fastened to eac	h truss with 3-10d (0.′	131" X 3") nails. Strong	backs to
5) CAUTION, Do not ere	ct truss backwards.	ed by other means.			
LOAD CASE(S) Standa 1) Dead + Floor Live (ba Uniform Loads (plf) Vert: 6-12=-10	lanced): Lumber Increase=1	.00, Plate Increase=1.00			
Concentrated Loads (Vert: 1=-264	lb)	_			
2) Dead: Lumber Increa Uniform Loads (plf) Vert: 6-12=-10	se=1.00, Plate Increase=1.0), 1-5=-100	0			SEAL 28147
Concentrated Loads (Vert: 1=-264		ana 100 Plata Ingrana 100			ROFESSION ANT
Uniform Loads (plf)	(unbalanced): Lumber Incre 0, 1-2=-100, 2-5=-20	ase=1.00, Plate Increase=1.00			SEAL 28147 TAK K. MORREN
Concentrated Loads (Vert: 1=-264		2000-1.00 Plate Instrument 00			4014/
Uniform Loads (plf)	e (unbalanced): Lumber Incr 0, 1-2=-20, 2-5=-100	ease=1.00, Plate Increase=1.00			PAK K MORRIS
Continued on more C					Market K. MORMANN

Continued on page 2

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.

4/25/2025

Job	Truss	Truss Type	Qty	Ply	LOT 0.0048 HONEYCUTT HILLS 56 SHELE	BY MEADOW LANE ANGIER, NC
25-3336-F01	F1-23	Floor Special	2	1	Job Reference (optional)	# 58878
		Dup 9	120 a Eab	12 2021 Dri	nt: 9 620 a Jul 12 2024 MiTak Industrian Inc.	Set Apr 26 17:19:56 2025 Dage 2

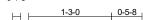
n: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 Mi Lek Industries, Inc. Sat Apr 26 17:18:56 2025 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-AC5DRgBXBjNSZodPd8Q0i?p?PVkxn4bjla16ISzMoAz

LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 1=-264 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 6-12=-10, 1-2=-100, 2-5=-20 Concentrated Loads (lb) Vert: 1=-264 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 6-12=-10, 1-2=-20, 2-5=-100 Concentrated Loads (lb)

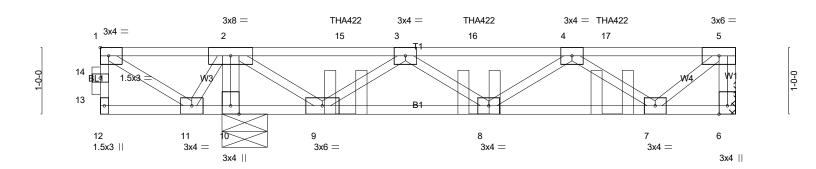
Vert: 1=-264



Job	Truss	Truss Type	Qty	Ply	LOT 0.0048 HONEYCUTT HILLS 56 SHELBY	MEADOW LANE ANGIER, NC
25-3336-F01	F1-24	Floor Girder	1	1	Job Reference (optional)	# 58878
0-1-8		Run: 8. I	430 s Feb D:5fxLxLn	i2 2021 Prir ?C6dWjia	it: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat ?SHK4thzkcYI-AC5DRgBXBjNSZodPd8Q0	i Apr 26 17:18:56 2025 Page 1 Di?pybVjRn15jla16ISzMoAz



0-11-8



F		3-5-8 1-4-8	5-11-8 2-6-0	8-5-8	9-8-0 1-2-8
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 NO Code IRC2021/TPI2014	CSI. TC 0.53 BC 0.24 WB 0.47 Matrix-SH	DEFL. in Vert(LL) -0.03 Vert(CT) -0.03 Horz(CT) 0.01	(loc) l/defl L/d 8 >999 480 8 >999 360 6 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 51 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SI BOT CHORD 2x4 SI			BRACING- TOP CHORD	Structural wood sheathing d end verticals.	irectly applied or 6-0-0 oc purlins, except

BOT CHORD

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

WEBS 2x4 SP No.3(flat)

WEBS 2x4 SP No.3(flat)

REACTIONS. (lb/size) 6=506/Mechanical, 10=1382/0-8-0 (min. 0-1-8) Max Grav 6=525(LC 4), 10=1382(LC 1)

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

TOP CHORD 5-6=-521/0, 1-2=0/616, 3-16=-984/0, 4-16=-984/0, 4-17=-508/0, 5-17=-508/0

BOT CHORD 10-11=-891/0, 9-10=-859/0, 8-9=0/862, 7-8=0/1068

WEBS 2-10=-1332/0, 1-11=-740/0, 2-11=0/483, 2-9=0/985, 3-9=-924/0, 4-7=-684/0, 5-7=0/653

NOTES- (9)

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

2) Refer to girder(s) for truss to truss connections.

3) Load case(s) 1, 2, 3, 4, 5, 6 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

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) Use Simpson Strong-Tie THA422 (Single Chord Girder) or equivalent spaced at 2-0-0 oc max. starting at 3-9-12 from the left end to 7-9-12 to connect truss(es) F1-25 (1 ply 2x4 SP) to front face of top chord.

7) Fill all nail holes where hanger is in contact with lumber.

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

LOAD CASE(S) Standard

 Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 6-12=-10, 1-2=-190, 2-5=-100 Concentrated Loads (lb) Vert: 1=-264 15=-141(F) 16=-141(F) 17=-141(F)
 Dead: Lumber Increase=1.00, Plate Increase=1.00

2) Dead: Lumber Increase= 1.00, Plate Increase= 1.00 Uniform Loads (plf) Vert: 6-12=-10, 1-2=-190, 2-5=-100

Concentrated Loads (lb) Vert: 1=-264 15=-141(F) 16=-141(F) 17=-141(F)

3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf) Vert: 6-12=-10, 1-2=-190, 2-5=-20



Continued on page 2

	LANE ANGIER, NC
25-3336-F01 F1-24 Floor Girder 1 Job Reference (optional) # 5	58878

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Apr 26 17:18:57 2025 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-eOfbe0CAy0VJAyCcBrxFFDL7Lv3gWUKs_EmgquzMoAy

LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 1=-264 15=-221(F) 16=-221(F) 17=-221(F) 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 6-12=-10, 1-2=-110, 2-5=-100 Concentrated Loads (lb)

Vert: 1=-264 15=-141(F) 16=-141(F) 17=-141(F)

5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 6-12=-10, 1-2=-190, 2-5=-20

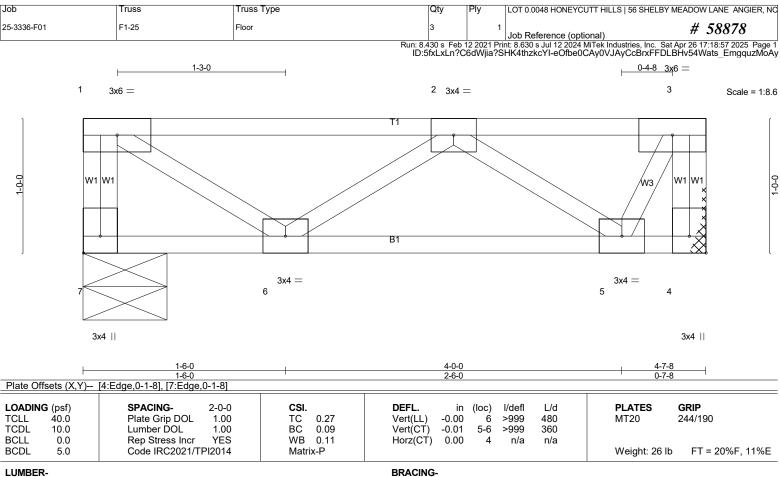
Concentrated Loads (lb) Vert: 1=-264 15=-221(F) 16=-221(F) 17=-221(F)

6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf) Vert: 6-12=-10, 1-2=-110, 2-5=-100

Concentrated Loads (lb) Vert: 1=-264 15=-141(F) 16=-141(F) 17=-141(F)





TOP CHORD

BOT CHORD

end verticals.

LUMBER-

TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat) 2x4 SP No.3(flat) WEBS

REACTIONS. (lb/size) 7=241/0-7-8 (min. 0-1-8), 4=241/Mechanical

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

BOT CHORD 5-6=0/357 WEBS 2-5=-300/0

NOTES-(3)

1) Refer to girder(s) for truss to truss connections.

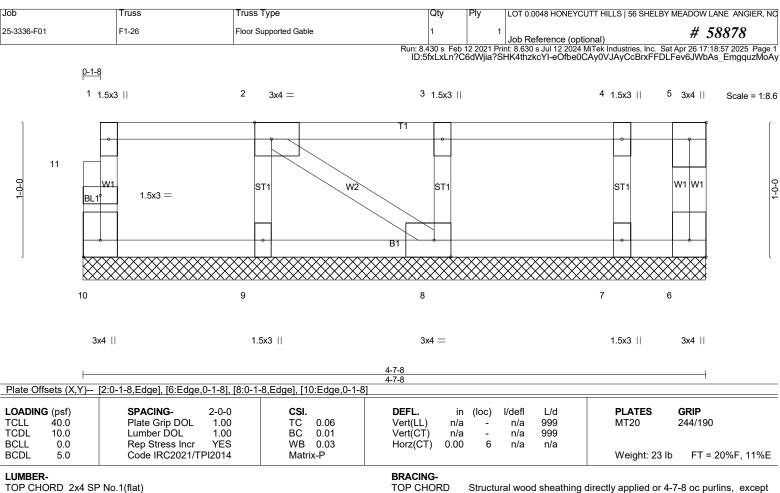
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

LOAD CASE(S) Standard



Structural wood sheathing directly applied or 4-7-8 oc purlins, except

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



end verticals.

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

BOT CHORD

BOT CHORD2x4 SP No.1(flat)BOT CHORD2x4 SP No.1(flat)WEBS2x4 SP No.3(flat)OTHERS2x4 SP No.3(flat)

REACTIONS. All bearings 4-7-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 10, 6, 9, 8, 7

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

NOTES- (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.

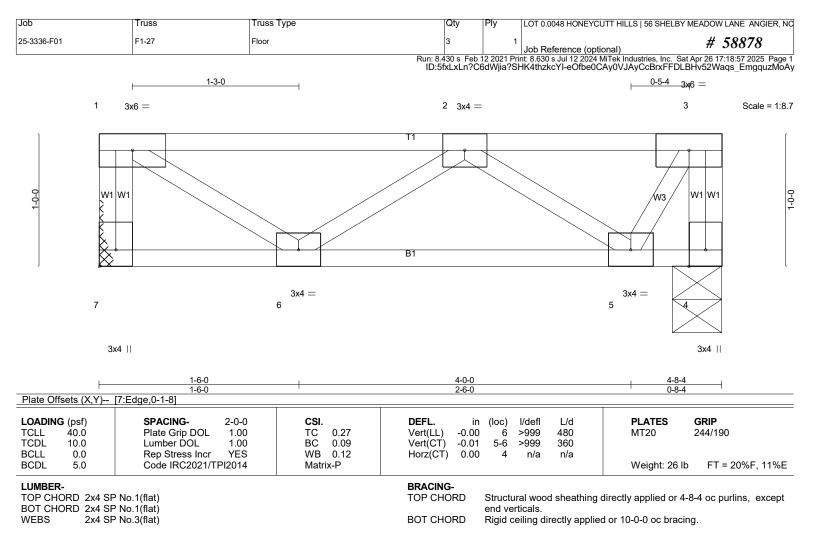
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

be attached to walls at their outer ends or restrained by other means.

5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard





REACTIONS. (lb/size) 7=244/Mechanical, 4=244/0-4-8 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. BOT CHORD 5-6=0/368 WEBS 2-5=-298/0

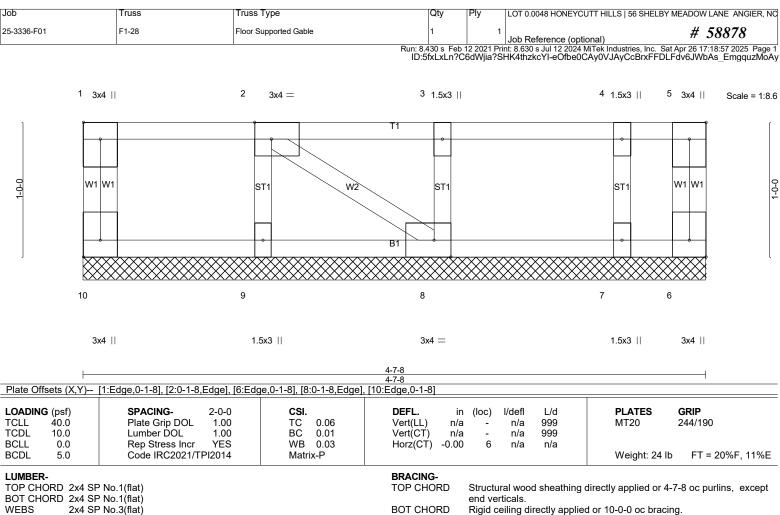
NOTES- (3)

1) Refer to girder(s) for truss to truss connections.

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.

LOAD CASE(S) Standard





2x4 SP No.3(flat) WFBS 2x4 SP No.3(flat) OTHERS

REACTIONS. All bearings 4-7-8.

(Ib) - Max Grav All reactions 250 lb or less at joint(s) 10, 6, 9, 8, 7

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

NOTES-(5)

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).

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.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply LOT 0.004	18 HONEYCUTT HILLS 56 SI	HELBY MEADOW LANE ANGIER, NC
25-3336-F01	F1-29	Floor	1	1	erence (optional)	# 58878
			Run: 8.430 s Feb ID:5fxLxLn?C	12 2021 Print: 8.630 s 6dWija?SHK4thzkc	Jul 12 2024 MiTek Industries, I YI-eOfbe0CAv0VJAvCcBr	Inc. Sat Apr 26 17:18:57 2025 Page 1 kFFDL9qv26WRZs_EmgquzMoAy
0-1-8				· · · · · j · · · · · · · · · · · · ·		
⊣ ⊢ 1-3-0					0-7-2 0-6-12 0-	10-8 1-1-8 Scale = 1:25.9
3x4 =						
1.5x3 =	3x4 =	3x8 =	3x4 =	3x4 =	4x8 = 6 74x6 = 7	= 8 ^{3x6} = 9
	2	3		5		
					W3 W4	N5 W6 W1 0-
	Ť		B1 81			
20	19	18 17 16	15		14 13 🙀	
3x4	3x4 =	3x4 = 1.5x3 3x4 =	3x4 =		$3x4 = 3x4 \parallel 4x6 =$	4x6 = 3x6 =
					13-8- 13-0-63-3-12 12-9-0 13-3-6	
 		<u>12-4-2</u> 12-4-2			12-9-0 13-3-6 12-5-10, 13-1-14 0-1-8 0-3-60-0-6	<u>14-1-14</u> <u>15-9-6</u> 0-5-4 <u>1-6-0</u>
					0-3-6 0-1-80-4-1 0-1-8	
Plate Offsets (X,Y)-	- [20:Edge,0-1-8]					
LOADING (psf) TCLL 40.0	SPACING- Plate Grip DOL	1-4-0 CSI. 1.00 TC 0.43	DEFL. ir Vert(LL) -0.05		L/d PLATE 480 MT20	S GRIP 244/190
TCDL 10.0 BCLL 0.0	Lumber DOL Rep Stress Incr	1.00 BC 0.28 NO WB 0.65	Vert(CT) -0.08 Horz(CT) 0.01		360 n/a	
BCDL 5.0	Code IRC2021/1				Weight	t: 85 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 S	SP No 1(flat)		BRACING- TOP CHORD	Structural wood s	sheathing directly applie	d or 6-0-0 oc purlins, except
BOT CHORD 2x4 S	SP No.1(flat)			end verticals.	0 7 11	
	SP No.3(flat)	· · · · · · · · · · · · · · · · · · ·	BOT CHORD	0 0	ctly applied or 6-0-0 oc b	J.
		n. 0-1-8), 10=-340/1-7-8 (min. 0-1-8) -476(LC 3), 11=-396(LC 1)), 11=-396/1-7-8 (min. 0-	1-8), 11=-396/1-7-	8 (min. 0-1-8), 12=2204	4/0-4-8 (min. 0-1-8)
		forces 250 (lb) or less except when s				
6-7	=0/1685, 7-8=0/614	1-2=-523/0, 2-3=-1149/0, 3-4=-1222				
	19=0/973, 17-18=0/1311 13=-581/0, 11-12=-1685/	, 16-17=0/1311, 15-16=0/1116, 14-1 0, 10-11=-614/0	5=0/391, 13-14=-581/0,			
	, , ,	-11=0/1357, 8-10=0/728, 1-19=0/594 14=-730/0, 6-14=0/589, 6-12=-1622/	, ,			
NOTES- (6-9)			-			
1) Unbalanced floor	live loads have been cor	nsidered for this design.) of truss to bearing plate capable of	withstanding 272 lb unlif	t at joint 10 and 47	6 lb uplift at	
í joint 11.		,	0 1	,		
use of this truss.		n modified. Building designer must re				
		paced at 10-0-0 oc and fastened to restrained by other means.	each truss with 3-10d (0.	131" X 3") nails. S	trongbacks to	
5) CAUTION, Do no 6) Graphical bracino	t erect truss backwards. g representation does not	depict the size, type or the orientation	on of the brace on the me	ember. Symbol onl	y indicates that	
the member mus	t be braced.	contations of a possible bearing cond	ition Booring symbols of	o not considered i	n the structural	
design of the trus	is to support the loads income	dicated. of individual web members only. Refe nected Wood Trusses for additional to IANENT RESTRAING/BRACING OF F TOP CHORD, BOTTOM CHORD,	er to BCSL. Quide to Coo	d Drastics for Han		A CARANIC
Restraining & Bra	acing of Metal Plate Conr	nected Wood Trusses for additional b	pracing guidelines, includ	ing diagonal bracir	ng.	FESSIA
9) SEE BCSI-B3 SC MINIMUM BRAC	IMMARY SHEET-PERM ING REQUIREMENTS O	F TOP CHORD, BOTTOM CHORD,	AND WEB PLANES. IN	ADDITION TO TH	IESE MINIMUM	A way in
GUIDELINES, AL	WAYS CONSULT THE I	PROJECT ARCHITECT OR ENGINE	EER FOR ADDITIONAL E	BRACING CONSID	ERATIONS	SEAL
LOAD CASE(S) Sta 1) Dead + Floor Live		rease=1.00, Plate Increase=1.00			111111	
Uniform Loads (p					THIN AP ST	VOINEER S
	,				MARK	K. MORMun
Continued on page 2	2				/	SEAL 28147 K. MORALINA V/25/2025
					4	

vertically. Applicability of design parameters and prove tart nates before tart in a stage in graph parameters and interest and reacting to parameters and interest and reacting of parameters and interest and reacting of the stage in a state of the stage in a state of the state

Job	Truss	Truss Type	Qty	Ply	LOT 0.0048 HONEYCUTT HILLS 56 SHELBY MEADO	WLANE ANGIER, NC
25-3336-F01	F1-29	Floor	1	1	Job Reference (optional) #	58878
					nt: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Apr 26 K4thzkcYI-6aD_sMCojKdAo6noIZTUoQuKaJOLFu	

LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 6=-735 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-20=-7, 1-9=-67 Concentrated Loads (lb) Vert: 6=-735 3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-20=-7, 1-7=-67, 7-9=-13 Concentrated Loads (lb) Vert: 6=-735 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-20=-7, 1-7=-13, 7-9=-67 Concentrated Loads (lb) Vert: 6=-735 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-20=-7, 1-7=-67, 7-9=-13 Concentrated Loads (lb) Vert: 6=-735 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-20=-7, 1-7=-13, 7-9=-67

Vert: 10-20=-7, 1-7=-13 Concentrated Loads (lb)

Vert: 6=-735



Job	Truss	Truss Type	Qty	Ply LOT 0.0048 H	ONEYCUTT HILLS 56 SHELBY MEADOW LANE ANGIER, NC
25-3336-F01	F1-30	Floor	2	1	# 58878
			Run: 8.430 s Feb	12 2021 Print: 8.630 s Jul 1	12 2024 MiTek Industries, Inc. Sat Apr 26 17:18:58 2025 Page 1
0-1-8			ID:SIXLXLI1?CC	ouvojia (SHK4tri2KCTi-oai	D_sMCojKdAo6nolZTÜoQuKUJO6Fs2?DuWDMKzMŏAx
⊣ ⊢1-3-0					<u>0-7-2</u> <u>0-6-12</u> <u>1-3-8</u> 0 ₁ 1 ₇ 8 Scale = 1:24.4
					Scale = 1.24.4
0.4 -					
3x4 = 1.5x3 =	$_{3x4} =$	3x8 =	3x4 =	3x4 =	4x8 = 1.5x3
1	2	3	4	5	6 7 4x8 = 8
			B1		
	17 16	6 15 14		13	12 11 20 5
3x4	3x4 = 3x	4 = 1.5x3 3x4	=	3x4 =	3x4 = 3x4 4x6 = 7x8
					12.0.0
		12-4-2			13-0-6 12-9-0 12-5-10,13-11-14 14-9-14 ,
ŀ		12-4-2			0-1-8 0-3-6 1-8-0 0-3-6 0-1-8
Plate Offsets (X,Y)	[7:0-3-0,Edge], [9:Edge,0-3-0]	, [18:Edge,0-1-8]			
LOADING (psf)	SPACING- 1-4-			n (loc) l/defl L/d	
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.0 Lumber DOL 1.0		Vert(LL) -0.05 Vert(CT) -0.08		
BCLL 0.0 BCDL 5.0	Rep Stress Incr NC Code IRC2021/TPI201		Horz(CT) 0.07	1 10 n/a n/a	Weight: 78 lb FT = 20%F, 11%E
LUMBER-			BRACING-		5 1 1
TOP CHORD 2x4 SF			TOP CHORD		athing directly applied or 6-0-0 oc purlins, except
BOT CHORD 2x4 SF WEBS 2x4 SF	P No.3(flat) P No.3(flat)		BOT CHORD	end verticals. Rigid ceiling directly	applied or 6-0-0 oc bracing.
Max U	e) 18=415/0-7-14 (min. 0-1-6 plift9=-871(LC 3) irav 18=415(LC 3), 10=2215(L	3), 9=-834/0-8-0 (min. 0-1-8), 1 C 1)	0=2215/0-4-8 (min. 0-	1-8)	
FORCES. (lb) - Max.	Comp./Max. Ten All forces	250 (lb) or less except when sh	iown.		
TOP CHORD 18-19		42/0, 2-3=-1204/0, 3-4=-1313/0			
BOT CHORD 16-17	7=0/1010, 15-16=0/1383, 14-1	5=0/1383, 13-14=0/1224, 12-13	3=0/535, 11-12=-412/5	9,	
WEBS 7-10=		16, 2-17=-572/0, 4-13=-408/0,	5-13=0/434,		
5-12=	710/0, 6-12=0/573, 6-10=-16	08/0			
NOTES- (6-9)	ve loads have been considere	d for this design			
2) Provide mechanica	I connection (by others) of true	ss to bearing plate capable of w			a intended
use of this truss.		fied. Building designer must rev			
	trongbacks, on edge, spaced s s at their outer ends or restrai	at 10-0-0 oc and fastened to ea ned by other means.	ach truss with 3-10d (0.	131" X 3") nails. Stroi	ngbacks to
	erect truss backwards. representation does not depict	the size, type or the orientation	n of the brace on the m	ember Symbol only in	dicates that
the member must b	be braced.	no of a possible bearing condit	ion Rooring overhold o	ro not considered in th	
design of the truss	to support the loads indicated				ie studium
8) Web bracing shown Restraining & Brac	n is for lateral support of indivi	dual web members only. Refer Wood Trusses for additional bra	to BCSI - Guide to Goo acing guidelines, incluc	od Practice for Handlin ling diagonal bracing.	ig, Installing, TH CAHOL
9) SEE BCSI-B3 SUM MINIMUM BRACIN	MARY SHEET- PERMANEN	T RESTRAING/BRACING OF (CHORD BOTTOM CHORD A	CHORDS & WEB MEM	BERS FOR RECOMN	
GUIDELINES, ALV	VAYS CONSULT THE PROJE	CT ARCHITECT OR ENGINEE	ER FOR ADDITIONAL I	BRACING CONSIDER	ATIONS
LOAD CASE(S) Stand					28147
Uniform Loads (plf)		1.00, Plate Increase=1.00			The Annual A
Vert: 9-18=					ANTANA
					ATIONS SEAL 28147 4/25/2025
Continued on page 2					4/25/2025
					ilding component to be installed and loaded uss engineer. Bracing shown is for lateral support

vertically. Applicability of design parameters and read notes before use. This begin is based only upon parameters shown, and is to fail individual building component to be instanted and based only upon parameters shown, and is to fail individual building component is responsibility of building designer – not truss designer or truss engineer. 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 Trusse 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 0.0048 HONEYCUTT HILLS 56 SHELBY MEADOW LANE ANGIER, NC
25-3336-F01	F1-30	Floor	2		Job Reference (optional) # 58878

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Apr 26 17:18:58 2025 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-6aD_sMCojKdAo6noIZTUoQuKUJO6Fs2?DuWDMKzMoAx

LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 6=-735
2) Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 9-18=-7, 1-8=-67
Concentrated Loads (lb)
Vert: 6=-735
3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 9-18=-7, 1-7=-67, 7-8=-13
Concentrated Loads (lb)
Vert: 6=-735
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 9-18=-7, 1-7=-13, 7-8=-67
Concentrated Loads (lb)
Vert: 6=-735
5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 9-18=-7, 1-7=-67, 7-8=-13 Concentrated Loads (lb)
Vert 6=-735
6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 9-18=-7, 1-7=-13, 7-8=-67
Concentrated Loads (lb)
Vert: 6=-735



Job	Truss	Truss T	уре	Qty	Ply	LOT 0.0048 HONEY	CUTT HILLS 56 SHELB	MEADOW LANE ANGIER, NC
25-3336-F01	F1-31	Floor		1		1	<i>a</i> . N	# 58878
				Run: 8.430 s Feb	12 2021 F	Job Reference (op Print: 8.630 s Jul 12 2024	MiTek Industries, Inc. S	at Apr 26 17:18:58 2025 Page 1
0-1-8				ID:5TXLXLN?C6	odvvjia?S	SHK4thZKCY1-6aD_SN	ICOJKAAO6NOIZ I UOQU	KIJÖNFvb?DuWDMKzMoAx
H <u>1-3-0</u>					0-7	7-2 0-6-12 0-10-8	4	
								Scale = 1:30.1
3x4 =								1.5x3
1.5x3 =	3x4 = 3x8	FP= 3x8 =	3x4 =	$_{3x4} =$		4x8 = 4x6 =	3x6 =	3x4 = 1.5x3 =
1	23	4	5	6 	2	7 8	9	10 11
					_ W	3		
	r i	В1 🛛			¥			
24 23	22	2 21	20	19 18	17	16		
		4 = 1.5x3	3x4 =	3x4 = 3x8 FP=			$x_6 = 3x_4 =$	6x6
						13-8-10		
			12-4-2				1-3-6	
			12-4-2			<u>12-5-10,13-1-14 14-1-</u> 0-1-80-3-6 0-4-14 0 0-3-60-1-8 0-5	-1-8 3-10-	
						0-1-8 0-0-6	Ŧ	
Plate Offsets (X,Y)	24:Edge,0-1-8], [26:0-	-1-8,0-0-8]						
LOADING (psf) TCLL 40.0	SPACING- Plate Grip DOL	1-4-0 1.00	CSI. TC 0.42	DEFL. in Vert(LL) -0.05	· · ·	l/defl L/d >999 480	PLATES MT20	GRIP 244/190
TCDL 10.0	Lumber DOL	1.00	BC 0.27	Vert(CT) -0.08	20	>999 360	WIT20	2-11/100
BCLL 0.0 BCDL 5.0	Rep Stress Incr Code IRC2021/		WB 0.60 Matrix-SH	Horz(CT) 0.01	15	n/a n/a	Weight: 96 I	b FT = 20%F, 11%E
LUMBER-				BRACING-				
TOP CHORD 2x4 SP BOT CHORD 2x4 SP				TOP CHORD		ural wood sheathing erticals.	directly applied or 6	S-0-0 oc purlins, except
WEBS 2x4 SP	No.3(flat)			BOT CHORD	Rigid o	ceiling directly appli	ed or 6-0-0 oc bracir	ng.
REACTIONS. All be				3), 14=-401(LC 1), 13=-	120/1 C	3)		
				01(LC 1), 15=2117(LC		5)		
			or less except when sh					
5-6=-	746/0, 7-8=0/1716, 8-9	9=0/728, 9-10=0						
	=0/968, 21-22=0/1300 =-605/0, 15-16=-605/0		, 19-20=0/1100, 18-19=), 13-14=-728/0	0/371, 17-18=0/371,				
WEBS 9-14=	-398/0, 8-15=-835/0, 8	8-14=0/1252, 9-	13=0/513, 10-13=-328/0 7=-733/0, 7-17=0/591,					
	-54770, 5-1945270, 0	5-19-0/459, 0-1		-131034/0				
NOTES- (6-9) 1) Unbalanced floor liv								
 14=517, 13=129.		,		ithstanding 100 lb uplift		() 10 /		
 Load case(s) 1, 2, 3 use of this truss. 	3, 4, 5, 6 has/have bee	en modified. Buil	ding designer must rev	iew loads to verify that t	they are	e correct for the inte	nded	
4) Recommend 2x6 st	rongbacks, on edge, s s at their outer ends or			ach truss with 3-10d (0.1	131" X 3	3") nails. Strongbac	ks to	
5) CAUTION, Do not e	erect truss backwards.			- 6 4h - 1 4h			- 41 4	
the member must h	o broood	•		of the brace on the me				
 Bearing symbols ar design of the truss 	e only graphical repres to support the loads in	sentations of a p dicated.	ossible bearing conditi	on. Bearing symbols are to BCSI - Guide to Good acing guidelines, includi HORDS & WEB MEME	e not co	onsidered in the stru	ictural	ABO
8) Web bracing shown	n is for lateral support o	of individual web	members only. Refer	to BCSI - Guide to Good	d Practi ng diag	ce for Handling, Ins	talling	SIDA NATIL
9) SEE BCSI-B3 SUM	MARY SHEET- PERM	ANENT REST		HORDS & WEB MEME ND WEB PLANES. IN		OR RECOMMEND	ED	Lei
				R FOR ADDITIONAL B			NS. 281	
LOAD CASE(S) Stand							281	
1) Dead + Floor Live (Uniform Loads (plf)		crease=1.00, Pla	te Increase=1.00				A SNOIN	EER IS MINT
	=-7, 1-11=-67						THINK K.	MORMUN
Continued on page 2							1/25	2025
Warning Varify do	sign naramators and rea	d notes hofere us	This design is based only	upon parameters shown a	nd is for	on individual building	$\frac{4}{2J}$	d and loaded

Job	Truss	Truss Type	Qty	Ply	LOT 0.0048 HONEYCUTT HILLS 56 SHELBY MEADOW LANE AN	√GIER, NC	
25-3336-F01	F1-31	Floor	1	1	Job Reference (optional) # 58878	8	
Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Apr 26 17:18:58 2025 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-6aD_sMCojKdAo6noIZTUoQuKIJONFvb?DuWDMKzMoAx							

LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 7=-735 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-24=-7, 1-11=-67 Concentrated Loads (lb) Vert: 7=-735 3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-24 =-7, 1-8 =-67, 8-11 =-13 Concentrated Loads (lb) Vert: 7=-735 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-24=-7, 1-8=-13, 8-11=-67 Concentrated Loads (lb) Vert: 7=-735 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-24=-7, 1-8=-67, 8-11=-13 Concentrated Loads (lb) Vert: 7=-735 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 12-24=-7, 1-8=-13, 8-11=-67 Concentrated Loads (lb) Vert: 7=-735



Job	Truss	Truss Type	Qty	Ply LOT 0.0	048 HONEYCUT	T HILLS 56 SHELBY	MEADOW LANE ANGIER, NC
25-3336-F01	F1-32	Floor	5	1	eference (option		# 58878
			Run: 8.430 s Feb ID:5fxLxLn?C	12 2021 Print: 8.630 6dWjia?SHK4thz	s Jul 12 2024 MiT kcYI-annM3iDQ	ek Industries, Inc. Sat UeI1QGM_IG_jKeF	t Apr 26 17:18:59 2025 Page 1 RULjjQ_QK9RYFnvnzMoAw
0-1-8 H <u>⊢ 1-3-0</u>	ł			<u> 0-10-8_</u> 10 <u>11</u> -8 Scale = 1:30.1			
3x4 = 1.5x3 = 1 24B 24B 23 3x4 3x4 3x4		3x8 = 3x4 = 4 4 5 $1.5x3 \parallel 3x4 = 3x4 = 3x4$	3x4 = 6 T2 • • 18 17 3x4 = 3x8 FP=	4x8 = 7 7 7 16 15 3x4 = 3x4 4		3x4 = 9 3 44 =	3x4 = 1.5x3 = 10 75 11 $25123x4 = 3x4 \parallel$
Plate Offsets (X.Y)	[10:0-1-8,Edge], [23:Edge,0-1	<u>12-4-2</u> 12-4-2 -81		13- 12-9-0 <u>12-5-101</u> 0-14-80-3 0-3-6	3-1-14 3-6	<u>18-1-14</u> 5-0-0	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4- Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr Ni Code IRC2021/TPI201	0 CSI. 0 TC 0.49 0 BC 0.29 O WB 0.37	DEFL. in Vert(LL) -0.05 Vert(CT) -0.08 Horz(CT) 0.01	20 >999	L/d 480 360 n/a	PLATES MT20 Weight: 94 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			BRACING- TOP CHORD BOT CHORD	end verticals.	-	ectly applied or 6- or 6-0-0 oc bracing	0-0 oc purlins, except g.
Max L	e) 23=407/0-7-14 (min. 0-1- Jplift11=-244(LC 3) Grav 23=410(LC 3), 11=30(LC	8), 11=-125/0-8-0 (min. 0-1-8), 4), 14=1757(LC 1)	14=1757/0-4-8 (min. 0-	1-8)			
TOP CHORD 23-2 5-6= BOT CHORD 21-2 15-1 WEBS 8-14	4=-407/0, 1-24=-406/0, 1-2=-5 -846/0, 7-8=0/1598, 8-9=0/11(2=0/997, 20-21=0/1358, 19-20 6=-512/0, 14-15=-512/0, 13-14 =-530/0, 8-13=0/694, 9-13=-6	=0/1358, 18-19=0/1186, 17-18	, 4-5=-1281/0, =0/484, 16-17=0/484, , 1-22=0/608,				
 Provide mechanica Load case(s) 1, 2, use of this truss. Recommend 2x6 s be attached to wal CAUTION, Do not Graphical bracing the member must Bearing symbols a design of the truss Web bracing show Restraining & Brac SEE BCSI-B3 SUM MINIMUM BRACIN GUIDELINES, ALV LOAD CASE(S) Stan Dead + Floor Live Uniform Loads (piff Vert: 11-23) 	3, 4, 5, 6 has/have been modi strongbacks, on edge, spaced ls at their outer ends or restrai erect truss backwards. representation does not depic be braced. re only graphical representation to support the loads indicated to support the loads indicated for lateral support of indivi- sing of Metal Plate Connected MARY SHEET- PERMANEN IG REQUIREMENTS OF TOF VAYS CONSULT THE PROJE dard (balanced): Lumber Increase=	ss to bearing plate capable of w fied. Building designer must rev at 10-0-0 oc and fastened to ea ned by other means. It the size, type or the orientation ons of a possible bearing condit idual web members only. Refer Wood Trusses for additional br. T RESTRAING/BRACING OF C CHORD, BOTTOM CHORD, A ECT ARCHITECT OR ENGINEE	view loads to verify that t ach truss with 3-10d (0.1 n of the brace on the me ion. Bearing symbols are to BCSI - Guide to Good acing guidelines, includi CHORDS & WEB MEME ND WEB PLANES. IN	theý are correct 131" X 3") nails. mber. Symbol o e not considered d Practice for Ha ng diagonal bra JERS FOR REC ADDITION TO	for the intende Strongbacks t nly indicates th I in the structu andling, Installi cing. OMMENDED THESE MINIM IDERATIONS	d no nat ng, www.th.CA	2025
Continued on page 2						4/25/	2025
	esign parameters and read notes	before use. This design is based only				poment to be motuned	and folded

Job	Truss	Truss Type	Qty	Ply	LOT 0.0048 HONEYCUTT HILLS 56 SHELBY MEADOW LANE ANGIER, NO
25-3336-F01	F1-32	Floor	5	1	Job Reference (optional) # 58878

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Apr 26 17:18:59 2025 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-annM3iDQUeI1QGM_IG_jKeRULjjQ_QK9RYFnvnzMoAw

LOAD CASE(S) Standard
Concentrated Loads (lb) Vert: 7=-735
2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-23=-7, 1-10=-67
Concentrated Loads (lb) Vert: 7=-735
 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
Vert: 11-23=-7, 1-8=-67, 8-10=-13 Concentrated Loads (lb)
Vert: 7=-735
 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
Vert: 11-23=-7, 1-8=-13, 8-10=-67
Concentrated Loads (Ib) Vert: 7=-735
5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
Vert: 11-23=-7, 1-8=-67, 8-10=-13 Concentrated Loads (lb)
Vert: 7=-735
 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
Vert: 11-23=-7, 1-8=-13, 8-10=-67
Concentrated Loads (lb) Vert: 7=-735



JOD	Truss	Truss Type	Qty	Piy I	LOT 0.0048 HONEYCUTT HILLS 5	6 SHELBY MEADOW LANE ANGIER, NC
25-3336-F01	F1-33	Floor Supported Gable	1		Job Reference (optional)	# 58878
		·	Run: 8.430 s Feb 1 ID:5fxLxLn?C	2 2021 Print 6dWjia?SF	: 8.630 s Jul 12 2024 MiTek Industri IK4thzkcYI-annM3iDQUel1QGN	es, Inc. Sat Apr 26 17:18:59 2025 Page 1 M_IG_jKeRb7jnn_Vg9RYFnvnzMoAw
0- <u>1</u> -8						0-11-8
						Scale = 1:30.1
						1.5x3
1.5x3	1.5x3					1.5x3
1.5x3 = −1.5x3	3x8 FP=1.5x3	1.5x3 1.5x3 1.5x3	3x4 = 1.5x3 ∣	1.5x3	1.5x3 1.5x3	1.5x3 1.5x3 =
1 2 _{T1}	345	6 7 8	9 <u>10</u> 72	11	12 13	14 15 16
				P		
	ST1 ST1	ST1 ST1 ST1	st1 w2 st1	ST1	ST1 ST1	에 에 별기 년
_ +						
			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
32 31	30 29	28 27 26	25 24	23	22 21 20	19 18 17
3x4    1.5x3	1.5x3    1.5x3	1.5x3    1.5x3    1.5x3    1	1.5x3    3x4 =	1.5x3	3x8 FP=	1.5x3    3x4
					1.5x3    1.5x3	1.5x3

Plv

18-1-14           18-1-14           18-1-14           Plate Offsets (X,Y) [9:0-1-8,Edge], [24:0-1-8,Edge], [32:Edge,0-1-8]							
Plate Olisets (X, Y)	[9:0-1-8,Edge], [24:0-1-8,Edge], [32:E	age,0-1-8]				1	
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	<b>CSI.</b> TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	a - n/a	999 999	<b>PLATES</b> MT20 Weight: 74 lb	<b>GRIP</b> 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat) WEBS 2x4 SP No.3(flat) OTHERS 2x4 SP No.3(flat)			BRACING- TOP CHORD BOT CHORD	end verticals		directly applied or 6- d or 10-0-0 oc bracir	0-0 oc purlins, except ng.

#### REACTIONS. All bearings 18-1-14.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 32, 17, 31, 30, 29, 28, 27, 26, 25, 24, 23, 22, 20, 19, 18

Truss Type

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

NOTES- (5-8)

1) Gable requires continuous bottom chord bearing.

Truss

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 bracing representation does not depict the size, type or the orientation of the brace on the member. 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.

 Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
 SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED

8) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

