# Mark Morris, P.E.

#126, 1317-M, Summerville, SC 29483 843 209-5784, Fax (866)-213-4614

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 #: 46957 JOB: 24-2343-F01 JOB NAME: LOT 0.0022 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. 24 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, F1-16, F1-19, F1-20, F1-26, F1-29, F1-30, F1-31, F1-32, F1-33



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

OD	Truss		Truss Type			Qty	Piy	LOT 0.0022 HONEY	CUTT HILLS   345 A	DAMS POINTE CO	OURT ANGIER, NO
4-2343-F01	F1-01		Floor Supported	Gable		1	1	Job Reference (or	otional)	# 4	46957
					Run: 8.430 ID:5	) s Feb 12 fxLxLn?C	2021 Print 6dWjia?S	: 8.430 s Feb 12 2021 HK4thzkcYI-RbAV	MiTek Industries, In HEhJiEmljcQoBC	c. Tue Mar 26 14: WV846XhnNsK	35:46 2024 Page 1 yYgQIECi0zX2T>
0 <sub>1</sub> 18											Seele - 1:01 5
											Scale = 1:21.5
1.5x3											
1.5x3 =	1.5x3	1.5x3	1.5x3	0.1	1.5x3	1.5	ix3	1.5x3	1.5x3	1.5x3	3x4
1	2	3	4	$5^{3x4} \equiv$	6	7		8	9	10	11
	•	•	•				<b>.</b>	•	•	•	ि ि
923	ST1	ST1	ST1	ST1 W	2 ST1	s	- T1	ST1	ST1	ST1	
	1.	1		1		1	<u> </u>	1			
		•			B	· · · · ·			•		
$\times$		×××××××××				XXXX	XXXX	XXXXXXXXX	XXXXXXXXX		
22	21	20	19	18	17	16	i	15	14	13	12
3x4	1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	1.5	ix3	1.5x3	1.5x3	1.5x3	3x4

				10 1 12		
Plate O	ffsets (X,Y)	[5:0-1-8,Edge], [17:0-1-8,Edge], [2	2:Edge,0-1-8]	13-1-12		
LOADIN TCLL TCDL BCLL BCDL	IG (psf) 40.0 10.0 0.0 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	<b>DEFL.</b> in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	(loc) l/defl L/d - n/a 999 - n/a 999 12 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 55 lb         FT = 20%F, 11%E
LUMBE TOP CH BOT CH WEBS OTHER	R- IORD 2x4 SP IORD 2x4 SP 2x4 SP S 2x4 SP	No.1(flat) No.1(flat) No.3(flat) No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly appli	directly applied or 6-0-0 oc purlins, except ed or 10-0-0 oc bracing.

13-1-12

### 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)

Gable requires continuous bottom chord bearing.
 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	russ Type	Qty	Ply	LOT 0.0022 HONEY	CUTT HILLS   345 ADAI	MS POINTE COURT ANGIER, NC
24-2343-F01	F1-02 F	LOOR	5	1	Job Reference (op	tional)	# 46957
			Run: 8.430 s Feb 1 ID:5fxLxLn?	2 2021 Prir C6dWjia?	it: 8.430 s Feb 12 2021 SHK4thzkcYI-RbAVI	MiTek Industries, Inc. 1 HEhJiEmljcQoBCW	Tue Mar 26 14:35:46 2024 Page 1 /846RanEvKq5gQIECi0zX2Tx
0-1-8							124
H	——						Scale = 1:21.5
4x4 =							
1.5x3 =	3x4 =	3x4 =	1.5x3    3x	4 =		$3x4 \equiv$	3x8 =
		$\overline{}$	4				7
915				2			W3 W1 2
14 3x4	13 3x6 =	12 3x4 =	11 3x8 =		10 3x4 =	9 3>	(8 = 3x4
			0.00		0,11		
100	4.0.0		0.4.0			11.7.0	40.4.40
1-6-0 1-6-0	4-0-0 2-6-0 1:Edgo 0 1 81 [7:0 2 0 Edgo] [1		9-1-8 5-1-8			2-6-0	13-1-12
LOADING (nof)	SBACING 2.1.12		DEEL	( 00)			CDID
TCLL 40.0	Plate Grip DOL 1.00	TC 0.38	Vert(LL) -0.13	3 11	>999 480	MT20	244/190
ICDL 10.0 BCLL 0.0	Lumber DOL 1.00 Rep Stress Incr NO	BC 0.58 WB 0.57	Vert(CT) -0.18 Horz(CT) 0.03	3 11 3 8	>874 360 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH				Weight: 66	b lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP	No.1(flat)		BRACING- TOP CHORD	2-0-0 o	c purlins (6-0-0 ma	ax.), except end ve	rticals
BOT CHORD 2x4 SP WEBS 2x4 SP	No.1(flat) No.3(flat)		BOT CHORD	(Switch Rigid ce	ed from sheeted: S eiling directly appli	Spacing > 2-0-0). ed or 10-0-0 oc bra	acing.
REACTIONS. (lb/size	e) 14=754/0-7-8 (min. 0-1-8). 8	=1161/0-4-8 (min. 0-1-8)		0	0 , 11		0
FORCES. (lb) - Max.	Comp./Max. Ten All forces 25(	0 (lb) or less except when sh	own.				
TOP CHORD 14-15	=-749/0, 1-15=-747/0, 7-8=-1153	3/0, 1-2=-1008/0, 2-3=-2315/0	0, 3-4=-2795/0, 4-5=-2	795/0, 5-0	6=-2324/0,		
BOT CHORD 12-13	=0/1887, 11-12=0/2705, 10-11=(	0/2707, 9-10=0/1902 23 3 12- 475/0 5 10- 468/0	) 6 10-0/516 6 0- 10	77/0 7 0	-0/1203		
	0/1140, 2-1310/3/0, 2-12-0/3	23, 3-12473/0, 3-10400/0	, 0-10-0/310, 0-310	1110, 1-9	-0/1203		
1) Load case(s) 1, 2 h	as/have been modified. Building	designer must review loads	to verify that they are c	orrect for	the intended use	of this	
2) Graphical purlin rep	resentation does not depict the	size or the orientation of the	ourlin along the top and	d/or botto	m chord.		
<ol> <li>Recommend 2x6 st be attached to walls</li> </ol>	rongbacks, on edge, spaced at 1 s at their outer ends or restrained	I0-0-0 oc and fastened to ea by other means.	ich truss with 3-10d (0.	131" X 3'	') nails. Strongbac	ks to	
4) CAUTION, Do not e	erect truss backwards.						
LOAD CASE(S) Stand 1) Dead + Floor Live (I	lard balanced): Lumber Increase=1.0	0, Plate Increase=1.00					
Uniform Loads (plf) Vert: 8-14=-	-11, 1-7=-107						
Concentrated Loads	s (lb)						
2) Dead: Lumber Incre	ease=1.00, Plate Increase=1.00					INDIALITY IN	AP
Vert: 8-14=- Concentrated Loads	-11, 1-7=-107 s (lb)					WITH PROFE	SSIDANS

Vert: 7=-400

SEAL 28147 3/25/2024

Job	Truss	Truss Type	Qty	Ply LC	T 0.0022 HONEYCU	FT HILLS   345 ADAMS	S POINTE COURT ANGIER, NC
24-2343-F01	F1-03	Floor	1	1			# 46957
			Run: 8.430 s Feb 12	J0 2 2021 Print: 8.4 2 C6dW/iia2S	b Reference (optio 30 s Feb 12 2021 Mi	nal) Fek Industries, Inc. Tu hytXuQLmlw1kb	e Mar 26 14:35:47 2024 Page 1
0-1-8			ID.JIAEAEI				
H	1-3-0						0-10-12
							Scale = 1:23.2
4x4 =							
1.5x3 =	3x8 —	$3x4 \equiv$	3x4 = 1.5x3	3x4 =		3x4 =	3x6 =
	2 0,0 -	3	4 5 T1	6		7	8
917							WA W1 9
			B1				
			2.				
	14	13	12		11		10
3x4    3)	x6 = 3x8 =	3x4 =	3x8 =		3x4 =		$3x4 = 3x4 \parallel$
. 1-4-8 1	-6-0 2-10-8	5-4-8	10-6-0			13-0-0	14-1-12
1-4-8 0 Plate Offsets (X Y) [1	-1-8 1-4-8 Fdge 0-1-8 [2:0-3-0 Edge]	2-6-0 [16:Edge 0-1-8]	5-1-8		•	2-6-0	1-1-12
	SPACING 2.0.0		DEEL in	(loc) l/de	afl I/d		CPIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.59	Vert(LL) -0.07	12 >99	9 480	MT20	244/190
BCLL 10.0	Rep Stress Incr YES	BC 0.34 B WB 0.58	Vert(CT) -0.10 Horz(CT) 0.01	12 >99 9 n	99 360 /a n/a		
BCDL 5.0	Code IRC2021/TPI2014	4 Matrix-SH				Weight: 73 I	b FT = 20%F, 11%E
LUMBER-	No 1(flot)		BRACING-	Structural	upped cheathing d	inativ applied or 6	0.0 oo purling oveent
BOT CHORD 2x4 SP I	No.1(flat)			end vertica	Is.		
WEBS 2x4 SP I	No.3(flat)		BOT CHORD	6-0-0 oc bra	g directly applied acing: 15-16,14-1	or 10-0-0 oc brac 5.	ing, Except:
REACTIONS. (lb/size) Max Up	16=-964/1-7-8 (min. 0-1-8 lift16=-1011(I C 4)	), 9=575/0-4-8 (min. 0-1-8),	15=1911/1-7-8 (min. 0-1-	8)			
Max Gra	av 9=575(LC 4), 15=1911(LC	1)					
FORCES. (Ib) - Max. C	Comp./Max. Ten All forces	250 (lb) or less except when	shown.				
TOP CHORD 16-17= 7-8=-5	=0/1005, 1-17=0/1003, 8-9=-{ 64/0	572/0, 1-2=0/1536, 2-3=0/514	4, 3-4=-954/0, 4-5=-1670/0	), 5-6=-1670	/0, 6-7=-1498/0,		
BOT CHORD 14-15= WEBS 2-15=-	1536/0, 13-14=0/413, 12-13 891/0_1-15=-1760/0_2-14=0	3=0/1456, 11-12=0/1734, 10- /1213_3-14=-1129/0_3-13=0	11=0/1227 /663	)/257 6-11=	-288/0		
7-11=0	)/332, 7-10=-809/0, 8-10=0/7	43	,		,		
<b>NOTES-</b> (6)							
<ol> <li>Unbalanced floor live</li> <li>Provide mechanical</li> </ol>	e loads have been considere connection (by others) of true	d for this design. ss to bearing plate capable o	f withstanding 1011 lb upli	ft at joint 16.			
<ol> <li>This truss has large at the bearings Build</li> </ol>	uplift reaction(s) from gravity	load case(s). Proper connector uplift reactions indicated	tion is required to secure	truss agains	t upward moveme	ent	
4) Recommend 2x6 stro	ongbacks, on edge, spaced a	at 10-0-0 oc and fastened to	each truss with 3-10d (0.7	131" X 3") na	ills. Strongbacks	to	
5) CAUTION, Do not er	rect truss backwards.	ieu by ourier means.					
LOAD CASE(S) Standa	ard						
							illille.
						WHINN TH C.	AROLINI
						N'OFESI	SID



Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYCUTT HILLS   345 ADAM	S POINTE COURT ANGIER, NO
24-2343-F01	F1-04	Floor	8	1	Job Reference (optional)	# 46957
0-1-8		Run: 8	3.430 s Feb 12 ID:5fxLxL	2021 Print: n?C6dWji	8.430 s Feb 12 2021 MiTek Industries, Inc. Tu a?SHK4thzkcYI-NzIFiwiaEs00ywZBJdYz	e Mar 26 14:35:48 2024 Page 1 EVCoMbwJokrytcjJmvzX2Tv

1-3-0 ΗF

<u>1-0-4</u> Scale = 1:23.2 L\_\_\_\_



1-6-0 1-6-0	4-0-0 2-6-0	9-1 5-1	-8 -8	11-7-8 2-6-0	<u>13-10-12</u> <u>14-1-</u> 12 <u>2-3-4</u> <u>0-3-0</u>
Plate Offsets (A, f)	[1.Euge,0-1-6], [15.Euge,0-1-6]				
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 0.30 BC 0.58 WB 0.56 Matrix-SH	DEFL. in (loc Vert(LL) -0.16 12 Vert(CT) -0.22 11-12 Horz(CT) 0.04 5	:) l/defl L/d 2 >999 480 2 >764 360 9 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 71 lb         FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP	P No.1(flat) P No.1(flat)		BRACING- TOP CHORD Struct end	ctural wood sheathing d verticals.	irectly applied or 6-0-0 oc purlins, except

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

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

### REACTIONS. (lb/size) 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

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, WEBS

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



	Tiuss		Thuss Typ	Je		Qiy		.0022 HONEYCUTT F	ILLS   345 ADAMS	POINTE COURT ANGLE	R, NC
4-2343-F01	F1-05		Floor Supp	orted Gable		1	1 Job F	eference (optional)	)	# <b>4695</b> 7	
0- <mark>1</mark> -8	·				Rur	: 8.430 s Feb 12 ID:5fxLxLi	2021 Print: 8.430 n?C6dWjia?SHI	s Feb 12 2021 MiTek (4thzkcYI-NzIFiwia	Industries, Inc. Tue Es00ywZBJdYzE	Mar 26 14:35:48 2024 P VCsAb3Kos2ytcjJmvz	age 1 X2T
										Scale = 1	23.2
1.5x3 ∣∣ 1.5x3 ≕	1.5x3	1.5x3	1.5x3	1.5x3		1.5x3	1.5x3	1.5x3	1.5x3	1.5x3    3x4	
1	2	3	4	5	6 <sup>3x4</sup>	7	8	9	10	11 12	
	ST1	ST1	ST1	ST1	ST1 W2		ST1	STI STX	ST1		1-0-0
24	23	22	21	20	19	18	17	16	15	14 13	
0.4.11	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	1.5x3	1.5x3	1.5x3	1.5x3    3x4	

			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)           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	<b>DEFL.</b> in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	(loc) l/defl L/d - n/a 999 - n/a 999 13 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 59 lb         FT = 20%F, 11%E
LUMBER- TOP CHORD 2 BOT CHORD 2 WEBS 2 OTHERS 2	4 SP No.1(flat) 4 SP No.1(flat) 4 SP No.3(flat) 4 SP No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d end verticals. Rigid ceiling directly appliec	lirectly applied or 6-0-0 oc purlins, except I or 10-0-0 oc bracing.

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

NOTES-(6)

Gable requires continuous bottom chord bearing.
 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 0.0022 HONEYCUTT HILLS   345 ADAM	S POINTE COURT ANGIER, NO
24-2343-F01	F1-06	GABLE	1	1	Job Reference (optional)	# 46957

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tue Mar 26 14:35:49 2024 Page 1 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-rAsdwGjC?98sa48NsL4Cmik0X?PXXJB66GTsJLzX2Tu

Scale = 1:12.7



	1-4-0 1-4-0	2-8-0 1-4-0		4-0-0 1-4-0		5 1	4-0 4-0		6-11-12 1-7-12	
Plate Offsets (X,Y)	[1:Edge,0-1-8], [3:0-1-8	,Edge], [9:0-1-8,E	_dge], [12:Edge,0-1-8							
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/I	2-0-0 1.00 1.00 YES TPI2014	<b>CSI.</b> TC 0.08 BC 0.01 WB 0.04 Matrix-P	<b>DEFL.</b> 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	<b>GRIP</b> 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF OTHERS 2x4 SF	<sup>9</sup> No.1(flat) <sup>9</sup> No.1(flat) <sup>9</sup> No.3(flat) <sup>9</sup> No.3(flat)			BRACING- TOP CHORI BOT CHORI	D S E D F	Structu except Rigid c	ral wood end vertie eiling dire	sheathing cals. ctly applie	directly applied or 6-1 d or 10-0-0 oc bracing	11-12 oc purlins, g.

**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. (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).

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





Plate Offsets (X,Y)	[9:Edge,0-1-8]			
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	<b>CSI.</b> TC 0.18 BC 0.12 WB 0.18 Matrix-P	DEFL.         in         (loc)         l/defl         L/d           Vert(LL)         -0.01         7         >999         480           Vert(CT)         -0.01         7         >999         360           Horz(CT)         0.00         5         n/a         n/a	PLATES         GRIP           MT20         244/190           Weight: 40 lb         FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SI	P No.1(flat)		BRACING- TOP CHORD Structural wood sheathing dire	ectly applied or 6-0-0 oc purlins, except

BOT CHORD 2x4 SP No.1(flat)

2x4 SP No.3(flat) WEBS

BOT CHORD

end verticals

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

REACTIONS. (lb/size) 9=272/0-8-0 (min. 0-1-8), 5=272/0-4-6 (min. 0-1-8)

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

TOP CHORD 1-9=-268/0, 4-5=-270/0, 1-2=-310/0, 2-3=-563/0, 3-4=-250/0

BOT CHORD 7-8=0/573, 6-7=0/529

WEBS 1-8=0/368, 2-8=-321/0, 3-6=-340/0, 4-6=0/326

NOTES-(2-5)

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) 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.

3) 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.

4) 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.

5) 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



Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYCUTT HILLS   345 ADAMS PO	INTE COURT ANGIER, NO
24-2343-F01	F1-09	Floor Supported Gable	1	1	Job Reference (optional)	# 46957

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tue Mar 26 14:35:49 2024 Page 1 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-rAsdwGjC?98sa48NsL4Cmik1u?PZXJG66GTsJLzX2Tu

Scale = 1:13.3



1			7-3-10		
r			7-3-10		1
Plate Offsets (X,Y)	[1:Edge,0-1-8], [3:0-1-8,Edge], [11:0-	1-8,Edge], [14: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-P	<b>DEFL.</b> in Vert(LL) n/a Vert(CT) n/a Horz(CT) -0.00	i (loc) l/defi L/d - n/a 999 - n/a 999 11 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 34 lb         FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF OTHERS 2x4 SF	' ' No.1(flat) ' No.3(flat) ' No.3(flat) ' No.3(flat)	· · · · · ·	BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly appl	g directly applied or 7-3-10 oc purlins, except ied or 10-0-0 oc bracing.

**REACTIONS.** All bearings 7-3-10.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 14, 8, 13, 12, 11, 10, 9

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.

- 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.
- 7) 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.
   8) 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



Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYC	UTT HILLS   345 ADA	MS POINTE COURT ANGIER, NO
24-2343-F01	F1-10	Floor	5	1			# 46957
			Run: 8.430 s Feb 12	2021 Print:	Job Reference (opti 8.430 s Feb 12 2021 N	ional) /iTek Industries, Inc. ]	Tue Mar 26 14:35:51 2024 Page 1
			ID:5fxLxLn?C	6dWjia?S	HK4thzkcYI-oY_OK	ylSXnOapOlm_m6g	gr7q8uo0M?56PZZyzNEzX2Ts
0-1-8			4.4.0				0.40.40
H⊢ <u>1-3-0</u>			<u> </u>				<u>0-10-12</u> Scale = 1:38.2
3x4 =	0.4 - 0.4 -		- 0.0 -		0.4 -	0	o
1.5x3 =	$3x4 \equiv 3x4 \equiv$	3x8 = 3x8 FP = 3x4	= 3x8 =		3x4 =	$3x4 \equiv 27$	3x4 = 3x6 =
			W3 -				
				<b>₩</b> ₹			
25 24	23	22 21 20	19 18	17	16 15	14	13 12
3x4 Ⅲ 3x4 =	3x4 =	3x4 = 1.5x3    3x4 =	4x4 = 3x4 ∥	4x4 =	3x8 FP=	3x4 =	$3x4 = 3x4 \parallel$
					3x4 =		
1-6-0	4-0-0 6-6-0	9-1-8 11-7-8	<u> </u>	) / (	17-0-0 1	9-6-0 2	2-0-0 23-1-12
Plate Offsets (X,Y) [2	5:Edge,0-1-8]	2-7-0 2-0-0	1-0-0 1-4-0		2-0-0 2	2-0-0 2	-0-0 1-1-12
	SPACING 140	681	DEEL in	(100)	/dof   /d		CPIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.99	Vert(LL) -0.06	(100) 1	>999 480	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.31	Vert(CT) -0.07	22 >	>999 360		
BCLL 0.0 BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	Horz(CT) 0.01	12	n/a n/a	Weight: 11	15 lb FT = 20%F. 11%E
						5	,
LUMBER- TOP CHORD 2x4 SP N	No 1(flat)		TOP CHORD	Structura	al wood sheathing	directly applied or	4-10-14 oc purlins
BOT CHORD 2x4 SP N	No.1(flat)			except e	nd verticals.		
WEBS 2x4 SP N	No.3(flat)		BOT CHORD	Rigid cei	iling directly applie	d or 6-0-0 oc brac	sing.
REACTIONS. (lb/size)	25=363/0-7-8 (min. 0-1-8)	12=427/0-4-8 (min. 0-1-8), 18	=1220/0-4-8 (min. 0-1-8	3)			
Max Gra	w 25=384(LC 3), 12=488(LC	4), 18=1220(LC 1)					
FORCES. (Ib) - Max. C	omp./Max. Ten All forces 2	250 (Ib) or less except when she	own.				
TOP CHORD 25-26=	-380/0, 1-26=-379/0, 11-12= 736	-486/0, 1-2=-492/0, 2-3=-1068/( 2-27=-1296/0_10-27=-1296/0_1	), 3-4=-1093/0, 4-5=-574 10-11=-525/0	4/235, 5-6	6=-574/235,		
BOT CHORD 23-24=	0/916, 22-23=0/1197, 21-22=	-75/962, 20-21=-75/962, 19-20	=-412/180, 18-19=-1542	2/0, 17-18	8=-1549/0,		
16-17= WEBS 7-18=-1	-393/512, 15-16=-393/512, 1 1190/0_1_24=0/559_2_24=-5	4-15=0/1423, 13-14=0/1149	6-10810/0 7-10-0/03	85 7-17=	0/963 8-17=-896/	n	
8-15=0	)/683, 9-15=-652/0, 10-13=-7	61/0, 11-13=0/691	0-19-019/0, 7-19-0/90	55, 7-17-	0/903, 0-17090/	0,	
1) Unbalanced floor live	loads have been considered	d for this design.					
2) Load case(s) 1, 2, 3,	4, 5, 6 has/have been modif	ed. Building designer must rev	ew loads to verify that th	ney are c	orrect for the inten	ded	
3) Recommend 2x6 stro	ongbacks, on edge, spaced a	t 10-0-0 oc and fastened to ea	ch truss with 3-10d (0.1	31" X 3")	nails. Strongback	as to	
be attached to walls a	at their outer ends or restrain	ed by other means.	Υ.	,	Ũ		
<ol> <li>CAUTION, Do not ere</li> <li>Graphical bracing reg</li> </ol>	ect truss backwards.	the size. type or the orientation	of the brace on the mer	nber. Svr	mbol only indicates	s that	
the member must be	braced.						
<li>6) Bearing symbols are design of the truss to</li>	only graphical representation support the loads indicated	ns of a possible bearing condition	on. Bearing symbols are	not cons	sidered in the struc	ctural	
7) Web bracing shown i	s for lateral support of individ	lual web members only. Refer t	o BCSI - Guide to Good	Practice	for Handling, Inst	alling, Multill	IIIIIIIItte
Restraining & Bracing	g of Metal Plate Connected V	Vood Trusses for additional bra		ng diagon	nal bracing.	D WHENRTH	CAROLIN
MINIMUM BRACING	REQUIREMENTS OF TOP	CHORD, BOTTOM CHORD, A	ND WEB PLANES. IN A		N TO THESE MIN	INUM COFE	SSIDN
GUIDELINES, ALWA	YS CONSULT THE PROJE	CT ARCHITECT OR ENGINEE	R FOR ADDITIONAL B	RACING	CONSIDERATION	ISE ST.	NE
LOAD CASE(S) Standa	ırd					St	AL
1) Dead + Floor Live (ba	alanced): Lumber Increase=1	.00, Plate Increase=1.00				28	14/ j Ē
Vert: 12-25=-	7, 1-11=-67					The state	
Concentrated Loads	(16.)					1, Maring	NEP
vert 2/=-33	(0)					1. VPL	apple in
2) Dead: Lumber Increa	(ID) 5 Ise=1.00, Plate Increase=1 0	0				nin RK K.	MORRIGHT
2) Dead: Lumber Increa	se=1.00, Plate Increase=1.0	0				Mannak K.	MORPH MIN

Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYCUTT HILLS   345 AD	AMS POINTE COURT ANGIER, NC
24-2343-F01	F1-10	Floor	5	1	Job Reference (optional)	# <b>4695</b> 7
		B 0.11		0004 B : /		T M 00 44:05-54 0004 D-

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LOAD CASE(S) Standard Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) Vert: 27=-335 3) 1st Dead + Floor Live (unbalanced): 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: 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: 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: 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: 27=-335



Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONE	YCUTT HILLS   345	ADAMS POI	NTE COURT ANGIER, NC
24-2343-F01	F1-11	Floor	3		1	antional)		# 46957
			Run: 8.430 s Feb 12	2 2021 Pri	JOD Reference ( nt: 8.430 s Feb 12 20	optional) 21 MiTek Industries,	Inc. Tue Mar	26 14:35:52 2024 Page 1
0.1.0			ID:5fxLxLn?C6	dWjia?S	HK4thzkcYI-GIXm	YII4I4WRRXtyY10	IVOLMUGCI	NOkZmYoDhWvgzX2Tr
120			1 / 9					0 10 12
HH-1-3-0		ŀ	1-4-0					Scale = 1:38.2
3x4 =	2×4	3X8 = 2x4 -	210 -		2×4 —	2×4 —	2×4 —	226 -
1.5x5 —	3X4 — 3X4 —	3x0 FF 3x4	3xo — 7		3X4 — o	3x4 —	3x4 — 10	3x0 —
			, 	T			। ।	
26B			W3 W					
				-BY	\\$			
25 24	23	22 21 20 19	9 18	17	16 15	14		13 12
3x4    3x4 =	3x4 = 3	x4 = 1.5x3    3x4 = 4x4	4 = 3x4 ∐	3x4 =	3x8 FP=	3x4 :	=	3x4 = 3x4
					3x4 =			
1-6-0	4-0-0 6-6-0	9-1-8 11-7-8	13-1-8   14-6-	0	17-0-0	19-6-0	22-0-0	23-1-12
Plate Offsets (X V) [25]	2-6-0 2-6-0	2-7-8 2-6-0	1-6-0 1-4-8	3 '	2-6-0	2-6-0	2-6-0	' 1-1-12 '
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in	(loc)	I/defl L/d	PLAT MT20	ES C	
TCDL 10.0	Lumber DOL 1.00	BC 0.25	Vert(CT) -0.08	22	>999 360	101120	2	
BCLL 0.0	Rep Stress Incr YES	WB 0.43	Horz(CT) 0.01	18	n/a n/a	10/		
BCDL 5.0	Code IRC2021/1PI2014	Matrix-SH				vveigi	nt: 115 ID	FT = 20%F, 11%E
LUMBER-		I	BRACING-					
TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No	o.1(flat) o.1(flat)		TOP CHORD	Structu	ral wood sheathi rticals	ng directly appli	ed or 6-0-0	oc purlins, except
WEBS 2x4 SP No	p.3(flat)	E	BOT CHORD	Rigid c	eiling directly app	blied or 6-0-0 oc	bracing.	
	2E = 280/0.7.9 (min 0.1.9)	12 - 241/0.4.9 (min. 0.1.9) $12 - 1054$	10 1 9 (min 0 1	0)				
Max Grav	25=400(LC 3), 12=303(LC 4	12-241/0-4-8 (mm. 0-1-8), 18-1034/ 4), 18=1054(LC 1)	/0-4-0 (11111. 0-1-	0)				
	<b>** * *</b>							
TOP CHORD 25-26=-3	mp./Max. Ten All forces 2 97/0 1-26=-396/0 11-12=-	50 (Ib) or less except when shown. 301/0 1-2=-519/0 2-3=-1143/0 3-4=	-1216/0 4-5=-12	16/0 5-	6=-748/62			
6-7=0/51	6, 7-8=0/778, 8-9=-545/384	, 9-10=-678/123, 10-11=-281/10	,		,			
BOT CHORD 23-24=0/ 16-17=-5	/967, 22-23=0/1295, 21-22= 566/339_15-16=-566/339_1/	0/1109, 20-21=0/1109, 19-20=-213/3 1-15=-228/726_13-14=-42/607	79, 18-19=-1300	/0, 17-1	8=-1306/0,			
WEBS 7-18=-10	)27/0, 1-24=0/589, 2-24=-54	17/0, 5-20=-475/0, 6-20=0/491, 6-19=-	-793/0, 7-19=0/9	09, 7-17	=0/706, 8-17=-6	53/0,		
8-15=0/3	363, 9-15=-332/0, 10-13=-3	97/39, 11-13=-13/371						
<b>NOTES-</b> (4)								
1) Unbalanced floor live l	oads have been considered	for this design.						
2) Recommend 2x6 stron	gbacks, on edge, spaced a	t 10-0-0 oc and fastened to each trus	s with 3-10d (0.1	131" X 3	") nails. Strongb	acks to		
Se allached to wails at								
<ol><li>CAUTION, Do not erec</li></ol>	t truss backwards.	ed by other means.						

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYCUTT H	ILLS   345 ADAMS POINTE COURT ANGIER,	, NC
24-2343-F01	F1-12	Floor	2	1	lah Deference (entional)	# 46957	
			Run: 8.430 s Feb 12	2021 Print:	8.430 s Feb 12 2021 MiTek I	ndustries, Inc. Tue Mar 26 14:35:53 2024 Pag	ge 1
. 1-3-0			1-5-4	LUICOUAN	Jia / SHK4In2KCY I-KX56ium	. 1-5-12 .0-3-8	.21q
						Scale = 1:3	38.0
		3x8 =				4x6 =	
3x6 =	3x4 = 3x4 =	3x8 FP= 3x4	= 3x8 =		3x4 = 1.5x3    3x4 =	= 3x4 = 3x4	
1	2 T1 3	4 5 6	7	T2	8 9 10	11 12 <sub>W</sub> g3	ſ
			W3 -			W4	0-0
				TT -			[-
⊠ 27 26	25	24 23 22	21 20	19	18 17	16 15 14	
3x4    3x4 =	3x4 =	3x4 = 1.5x3    3x4 =	3x6 = − 3x4	3x4 =	3x8 FP=3x8=	3x4 = 3x6 =	
						4x6 =	
		13-2-4			22-6-8	23-2-8	
	[14:Edgo 0 1 9] [27:Edgo	13-2-4			9-4-4	0-8-0	
Plate Olisets (X, f)	[14.Euge,0-1-6], [27.Euge	,0-1-0]					—
LOADING (psf)	SPACING-	1-4-0 <b>CSI.</b> 1 00 TC 0.37	DEFL. in Vert(LL) -0.06	(loc)   24 2	l/defl L/d >999 480	PLATES         GRIP           MT20         244/190	
TCDL 10.0	Lumber DOL	1.00 BC 0.27	Vert(CT) -0.08	24 >	>999 360		
BCLL 0.0 BCDL 5.0	Code IRC2021/TPI	NO WB 0.45 2014 Matrix-SH	Horz(CT) 0.01	14	n/a n/a	Weight: 119 lb FT = 20%F, 11%	ε
			BRACING-				
TOP CHORD 2x4 SF	PNo.1(flat)		TOP CHORD	Structura	al wood sheathing direc	tly applied or 6-0-0 oc purlins, excep	ot
WEBS 2x4 SF	P No.1(flat) P No.3(flat)		BOT CHORD	end vert	icals. iling directly applied or 6	3-0-0 oc bracing.	
	-) 07-070/0 4 0 (min 0	1 0) 00-1101/0 1 0 (min 0 1 0)	14-1040/0 4 0 (min 0 4	0)	5 5 11	3	
Max G	Grav 27=400(LC 3), 20=112	1-6), 20–1121/0-4-6 (mm. 0-1-6), 1(LC 1), 14=1111(LC 4)	14–1049/0-4-6 (min. 0-1	-0)			
FORCES (lb) - Max	Comp /Max Ten - All for	ces 250 (lb) or less except when s	hown				
TOP CHORD 1-27	=-395/0, 1-2=-509/0, 2-3=-	1122/0, 3-4=-1180/0, 4-5=-1180/0,	5-6=-698/127,				
6-7=0 BOT CHORD 25-26	0/582, 7-8=0/802, 8-9=-718 6=0/954, 24-25=0/1266, 23	3/224, 9-10=-718/224, 10-11=-978 3-24=0/1066, 22-23=0/1066, 21-22	/0, 11-12=-672/0 !=-288/322, 20-21=-1408/	/0,			
19-20 WERS 7 20-	)=-1417/0, 18-19=-513/394	4, 17-18=-513/394, 16-17=0/960, 1	5-16=0/968, 14-15=0/67	2			
7-21=	=-1093/0, 1-26=0/604, 2-26 =0/948, 7-19=0/804, 8-19=	-744/0, 8-17=0/514, 10-17=-399/0	, 11-15=-338/154,				
12-14	4=-1277/0						
<b>NOTES-</b> (5)							
1) Unbalanced floor li 2) Load case(s) 1. 2.	ve loads have been consid 3. 4. 5. 6 has/have been m	lered for this design. Iodified. Buildina desianer must re	view loads to verifv that t	hev are c	orrect for the intended		
use of this truss.							
3) Recommend 2x6 s be attached to wall	trongbacks, on edge, spaces at their outer ends or res	ed at 10-0-0 oc and fastened to e trained by other means.	each truss with 3-10d (0.1	31" X 3")	nails. Strongbacks to		
4) CAUTION, Do not	erect truss backwards.	,					
LOAD CASE(S) Stan	dard						
1) Dead + Floor Live ( Uniform Loads (plf)	(balanced): Lumber Increa	se=1.00, Plate Increase=1.00					
Vert: 14-27	=-7, 1-13=-67					WINATH CAROLUL	
Concentrated Load Vert: 12=-8	is (id) 865				111	OFESSION	
2) Dead: Lumber Incr	ease=1.00, Plate Increase	=1.00			inn,	12 NE:	
Vert: 14-27	/ ′=-7, 1-13=-67				mu	SEAL	
Concentrated Load	ls (lb) 865				UHU	2014/ 1 5	
3) 1st Dead + Floor Li	ive (unbalanced): Lumber	Increase=1.00, Plate Increase=1.0	00		Inth	ALLENOWSER !!!	
Uniform Loads (plf) Vert <sup>.</sup> 14-27	) '=-7, 1-7=-67, 7-13=-13				1	ARK CARRENING	
Concentrated Load	ls (lb)					Mana A. WOMBH	
Vert: 12=-8	COO					3/25/2024	

Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYCUTT HILLS   345 AD/	AMS POINTE COURT ANGIER, NC
24-2343-F01	F1-12	Floor	2	1	Job Reference (optional)	# 46957
			Run: 8 430 s Feb 12	2021 Print	8 430 s Feb 12 2021 MiTek Industries Inc.	Tue Mar 26 14:35:53 2024 Page 2

n: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 Mi Lek Industries, Inc. Tue Mar 26 14:35:53 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-kx58ldmi3OeI3hS85A88xYve2ciKT?jh1tR4S6zX2Tq

LOAD CASE(S) Standard

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 LC	T 0.0022 HONEYCU	ITT HILLS   345 ADAMS F	OINTE COURT ANGIER, NO
24-2343-F01	F1-12A	Floor	7		b Reference (ontio	onal)	# 46957
	1		Run: 8.430 s Feb 12 ID:5fxLxl n?	2 2021 Print: 8.4 C6dWiia?SH	30 s Feb 12 2021 M 4thzkcYI-C7fW77	iTek Industries, Inc. Tue N nLgim9ar1KfufNTmSn	//ar 26 14:35:54 2024 Page 1 D00RCQKrFXAd ZzX2Tn
							0-3-8
1-3-0			1-5-4	1-0-4			
							Scale - 1.36.0
<u></u>	24 - 24 -	3x8 =	- 5:40 -	2.40			4x8 =
3xo —	3x4 - 3x4 - 2	3x8 FP 3x4 4 5 6	- 5x12	3x8	) — 3	9 10	
					$\mathbf{k}$	र रि	
		181				B2 81	
28 27 3x4    3x4 =	26 2 3x4 = 3x	24   23 4 = 15x3    3x4 =	22   21   20 3x6 =   3x8	) 19 18 FP= 3v4	1/	16 3x4 =	15 14 13 3x4
0,4 11 0,4	0,4 - 0,		3x4	4x10 =	0,4	5X4 —	4x4 = 4x6 =
	10		14-5-	6 15-8-	8		
	13	-2-4 -2-4	<u>13-3-12</u> 0-1-8	15-7-0		6-10-0	23-2-8
Plate Offsets (X,Y) [13	:Edge,0-1-8], [28:Edge,0-1-8	]	1-1-1	0 0-1-8	3		
LOADING (psf)	<b>SPACING-</b> 1-4-0	CSI.	DEFL. in	(loc) l/de	efl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.47	Vert(LL) -0.06	25 >99	99 480	MT20	244/190
BCLL 0.0	Rep Stress Incr NO	WB 0.62	Horz(CT) -0.08	13 n	/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH				Weight: 120 lb	FT = 20%F, 11%E
LUMBER-	- <b>4</b> ( <b>B</b> - <b>4</b> )		BRACING-	0		line athrean dia dae 0.0	0
BOT CHORD 2x4 SP No	D.1(flat)		TOP CHORD	end vertica	vood sneatning d ls.	irectly applied or 6-0	-0 oc puriins, except
WEBS 2x4 SP No W2 <sup>-</sup> 2x4 SP	o.3(flat) *Except* SP No 2(flat)		BOT CHORD	Rigid ceilin	g directly applied	l or 6-0-0 oc bracing.	
		04 4000/0 4 0 (min 0 4 0) 4	0 1000/0 1 0 (min 0 1	1.0)			
Max Grav	28=331/0-4-8 (min. 0-1-8), 28=351(LC 3), 21=1926(LC	21=1926/0-4-8 (min. 0-1-8), 1 1), 13=1286(LC 4)	3=1223/0-4-8 (min. 0-	1-8)			
FORCES. (Ib) - Max Co	mp /Max Ten - All forces 2	50 (lb) or less except when sh	own				
TOP CHORD 1-28=-34	47/0, 1-2=-434/0, 2-3=-910/3	7, 3-4=-831/245, 4-5=-831/245	5, 5-6=-206/614,				
BOT CHORD 26-27=0	/810, 25-26=-119/986, 24-25	5=-400/646, 23-24=-400/646, 2	22-23=-845/0,				
21-22=-2	2109/0, 20-21=-2124/0, 19-2 )/1426_14-15=0/770_13-14=	0=-2124/0, 18-19=0/1823, 17-	18=0/1823, 16-17=0/19	904,			
WEBS 7-21=-18	379/0, 1-27=0/515, 2-27=-45	9/2, 5-25=0/258, 5-23=-568/0,	6-23=0/585,				
6-22=-88 10-15=-5	39/0, 7-22=0/1031, 7-19=0/2 565/0, 11-15=0/416, 11-13=-	200, 8-19=-1960/0, 9-16=-278/ 1462/0	/0, 10-16=0/304,				
<b>NOTES-</b> (5)							
1) Unbalanced floor live I	oads have been considered	for this design.	· · · · · · · · · · · · · · · · · · ·	4		1	
2) Load case(s) 1, 2, 3, 4 use of this truss.	, 5, 6 has/have been modifie	ea. Builaing designer must revi	lew loads to verify that	they are corr	ect for the intend	lea	
<ol> <li>Recommend 2x6 stror be attached to walls at</li> </ol>	ngbacks, on edge, spaced at their outer ends or restraine	10-0-0 oc and fastened to ea	ch truss with 3-10d (0.	131" X 3") na	ails. Strongback	s to	
4) CAUTION, Do not erec	ct truss backwards.						
LOAD CASE(S)						MUMMIN	iller
1) Dead + Floor Live (bal	anced): Lumber Increase=1	.00, Plate Increase=1.00				WHING TH CA	9011111
Vert: 13-28=-7	, 1-12=-67					THE ROFESSI	ON STILL
Concentrated Loads (I Vert: 8=-932 1	b) 1=-865					ELECEAL	- Ci II
2) Dead: Lumber Increas	e=1.00, Plate Increase=1.00	)				28147	
Vert: 13-28=-7	, 1-12=-67						
Concentrated Loads (I Vert: 8=-932 1	b) 1=-865					A SNOINE	A.S. IN
3) 1st Dead + Floor Live	(unbalanced): Lumber Incre	ase=1.00, Plate Increase=1.00	)			MARK K. M	ORMANN
Vert: 13-28=-7	, 1-7=-67, 7-12=-13					2 /2 5 //	0004
						5/25/2	2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYCUTT HILLS   345 ADAMS P	OINTE COURT ANGIER, NC
24-2343-F01	F1-12A	Floor	7	1	Job Reference (optional)	# 46957

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tue Mar 26 14:35:54 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-C7fWzznLqim9gr1KfufNTmSnD00RCQKrFXAd\_ZzX2Tp

LOAD CASE(S)

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 L	OT 0.0022 HONEYCUTT H	ILLS   345 ADAMS POINT	E COURT ANGIER, NC
24-2343-F01	F1-13	Floor	1	1	ob Reference (optional)	ŧ	# 46957
		Ru	n: 8.430 s Feb 12 ID:5fxLxLn	2021 Print: 8 ?C6dWjia?S	3.430 s Feb 12 2021 MiTek I SHK4thzkcYI-C7fWzznLo	ndustries, Inc. Tue Mar 26 gim9gr1KfufNTmSgx03	3 14:35:54 2024 Page 1 32CT5rFXAd ZzX2Tp
1-3-0					1-5-4		<u></u>
					·		Scale = 1.26.0
							00010 - 1.20.0
							3x4 =
3×6 —	3x4 =	3x4 = 1.5x3    3x4 =		3x4 =		3x8 =	1.5x3 =
1 1 1 1	2			6		7	8
3 1					W3	AIR	W4 18 3
		B1					
		· · · · ·					Ľ
147⊃ 16 3×4 II 3×4 -	- 3×4 —	14 3×8 —	13 3×4 —		12 3×6 —	411⊃ 10 3×4 □ 3×4 −	- 3×4 Ⅲ
5,4    5,4 -	- 384 -	5x0 —	584 —		5x0 —	5,44    5,44	- 314
		13-2-4				15-9-12	
	1 8 Edge] [17:Edge 0 1 8]	13-2-4				2-7-8	
			<b></b>	(1	1. <b>4</b> 1/1		
TCLL 40.0	Plate Grip DOL 1.00	TC 0.30 Ve	rt(LL) -0.05	(IOC) I/C 14 >9	999 480	MT20 244	Р /190
TCDL 10.0 BCU 0.0	Lumber DOL 1.00 Rep Stress Incr YES	BC 0.24 Ve WB 0.44 Ho	rt(CT) -0.07 rz(CT) 0.01	14 >9 11	999 360 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	.2(01) 0.01			Weight: 80 lb F	FT = 20%F, 11%E
LUMBER-		BR	ACING-				
TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No	o.1(flat) o.1(flat)	ТО	P CHORD	Structural end vertic	wood sheathing direc als.	tly applied or 6-0-0 o	c purlins, except
WEBS 2x4 SP No	.3(flat)	ВО	T CHORD	Rigid ceili	ng directly applied or 6	3-0-0 oc bracing.	
REACTIONS. (lb/size)	17=395/0-4-8 (min. 0-1-8),	9=-353/0-3-8 (min. 0-1-8), 11=1096/0-4	-8 (min. 0-1-8	3)			
Max Uplift Max Grav	9=-413(LC 3) 17=395(LC 3), 11=1096(LC	1)					
FORCES. (Ib) - Max. Co	mp./Max. Ten All forces 2	50 (lb) or less except when shown.					
TOP CHORD 1-17=-39	1/0, 9-18=0/419, 8-18=0/41	8, 1-2=-504/0, 2-3=-1098/0, 3-4=-1169/0	0, 4-5=-1169/0	), 5-6=-650	/0, 6-7=0/378,		
BOT CHORD 15-16=0/	943, 14-15=0/1229, 13-14=	0/1002, 12-13=0/272, 11-12=-1189/0, 1	0-11=-1196/0				
WEBS 7-11=-10	65/0, 1-16=0/597, 2-16=-53	6/0, 5-13=-435/0, 6-13=0/468, 6-12=-79	1/0, 7-12=0/9	32, 7-10=0	/777, 8-10=-661/0		
<b>NOTES-</b> (5)	aads have been considered	for this design					
2) Provide mechanical co	nnection (by others) of truss	s to bearing plate capable of withstandin	g 413 lb uplift	at joint 9.			
<ol> <li>Recommend 2x6 stron be attached to walls at</li> </ol>	gbacks, on edge, spaced at their outer ends or restrained	10-0-0 oc and fastened to each truss ved by other means.	with 3-10d (0.1	131" X 3") n	ails. Strongbacks to		
4) CAUTION, Do not erec	t truss backwards.						
LOAD CASE(S) Standard	i						



Job	Truss	Truss Type	Qty	Ply LO	T 0.0022 HONEYCUTT	HILLS   345 ADAMS	POINTE COURT ANGIER, NO
24-2343-F01	F1-14	Floor	4	1	h Reference (ontiona	al)	# 46957
			Run: 8.430 s Feb 12	2 2021 Print: 8.4	30 s Feb 12 2021 MiTe	k Industries, Inc. Tue	Mar 26 14:35:55 2024 Page 1
1-3-0			ID.JIXEXEIT: C		-1-5-4		1-0-0 0-1-8
							H H
							Scale = 1:26.0
	3×1 —	3×1 — 1 5×3	3×1 —	3×4 —		378 —	3x4 ≡ 1 5x3 −
1 <sup>3x6</sup> =	3x4 — 2	3 4	5	5x4 — 6		5x6 — 7	8
						Link -	
₽ ₩1					W3		W4 BU1 <sup>18</sup> 9
			B1 8				
	45	44	10		10	×	40
3x4    3x	4 = 3x4 =	14 3x8 =	13 3x4 =		3x6 =	3x4	$3x4 = 3x4 \parallel$
			U.I.		ente		
<u> </u>	<u>4-0-0</u> 2-6-0	<u>9-1-8</u> 5-1-8		<u>11-7-8</u> 2-6-0	13-2-4 1-6-12	14-6-12	15-9-12
Plate Offsets (X,Y) [	8:0-1-8,Edge], [17:Edge,0-1-8	]					
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in	(loc) l/de	efi L/d	PLATES	GRIP
TCLL 40.0 TCDL 10.0	Lumber DOL 1.00	BC 0.24	Vert(LL) -0.05 Vert(CT) -0.07	14 >99 14 >99	99 480 99 360	MT20	244/190
BCLL 0.0	Rep Stress Incr YES	WB 0.44	Horz(CT) 0.01	11 n/	/a n/a	Weight: 80 lb	ET - 20%E 11%E
BCDL 5.0		Mauix-SH					) FI – 20%F, II%E
LUMBER- TOP CHORD 2x4 SP	No 1(flat)		BRACING- TOP CHORD	Structural w	vood sheathing dire	ectly applied or 6-	-0-0 oc purlins except
BOT CHORD 2x4 SP	No.1(flat)			end vertical	ls.		
WEBS 2x4 SP	No.3(flat)		BOT CHORD	Rigid celling	g directly applied o	r 6-0-0 oc bracing	g.
REACTIONS. (Ib/size	) $17=395/0-8-4$ (min. 0-1-8)	9=-353/0-7-8 (min. 0-1-8), 11	=1096/0-4-8 (min. 0-1-8	8)			
Max Gr	av 17=395(LC 3), 11=1096(LC	C 1)					
FORCES. (lb) - Max.	Comp./Max. Ten All forces 2	250 (lb) or less except when sh	own.				
TOP CHORD 1-17=	-391/0, 9-18=0/419, 8-18=0/4	18, 1-2=-504/0, 2-3=-1098/0, 3-	4=-1169/0, 4-5=-1169/0	0, 5-6=-650/0	0, 6-7=0/378,		
BOT CHORD 15-16	/540 =0/943, 14-15=0/1229, 13-14=	=0/1002, 12-13=0/272, 11-12=-	1189/0, 10-11=-1196/0				
WEBS 7-11=	-1065/0, 1-16=0/597, 2-16=-5	36/0, 5-13=-435/0, 6-13=0/468,	6-12=-791/0, 7-12=0/9	32, 7-10=0/7	77, 8-10=-661/0		
<b>NOTES-</b> (5)							
<ol> <li>Unbalanced floor liv</li> <li>Provide mechanical</li> </ol>	e loads have been considered connection (by others) of trus	t for this design. Is to bearing plate capable of w	ithstanding 413 lb uplift	t at ioint 9			
3) Recommend 2x6 str	ongbacks, on edge, spaced a	it 10-0-0 oc and fastened to ea	ach truss with 3-10d (0.1	131" X 3") na	ils. Strongbacks to	D	
4) CAUTION, Do not e	eat their outer ends or restrain rect truss backwards.	ed by other means.					
	ard						
LOAD CASE(S) Stand	aiu						



Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYCUTT H	ILLS   345 ADAMS P	OINTE COURT ANGIER, NC
24-2343-F01	F1-15	Floor	1	1			# 46957
			Run: 8.430 s Feb 12	2021 Print	Job Reference (optional) 8.430 s Feb 12 2021 MiTek I	ndustries, Inc. Tue M	ar 26 14:35:56 2024 Page 1
0-1-8			ID:SIXLXLN			DIVIJULW9AJNJISTB	хадркдурнојпкэкzд2тп
H <b>1-3-0</b>					1-4-8	_	<u>1-0-0</u> 0 <sub>1</sub> [8
2-4							Scale = 1:26.0
3x4 — 1.5x3 —	3x4 =	3x4 = 1.5x3 ∐	3x4 =	3x4	=	3x8 =	3x4 — 1.5x3 —
1	2	3 4	5	6		7	8
			B1	te	Wa		
16	15	14	13		12	1	0
3x4    3x4	= 3x4 =	3x8 =	3x4 =		$4x4 \equiv$	3x4    33	x4 = 3x4 ∥
Plate Offsets (X,Y) [8:0	)-1-8,Edge], [17:Edge,0-1-8]	<u>13-1-8</u> 13-1-8				15- 2-7	9-0 -8
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCLL 5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.29 BC 0.24 WB 0.43 Matrix-SH	DEFL.         in           Vert(LL)         -0.05           Vert(CT)         -0.07           Horz(CT)         0.01	(loc) 14 14 11	l/defl L/d >999 480 >999 360 n/a n/a	PLATES MT20 Weight: 80 lb	<b>GRIP</b> 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N WEBS 2x4 SP N	o.1(flat) o.1(flat) o.3(flat)		BRACING- TOP CHORD BOT CHORD	Structura end vert Rigid ce	al wood sheathing direc icals. iling directly applied or (	tly applied or 6-0 6-0-0 oc bracing.	-0 oc purlins, except
REACTIONS. (Ib/size) Max Uplif Max Grav	17=389/0-3-8 (min. 0-1-8), t9=-409(LC 3) r17=389(LC 3), 11=1088(LC	9=-348/0-7-8 (min. 0-1-8), 11= 1)	1088/0-4-8 (min. 0-1-8	·)			
<b>FORCES.</b> (lb) - Max. Co TOP CHORD 17-18=- 6-7=0/3 BOT CHORD 15-16=0	omp./Max. Ten All forces 2 386/0, 1-18=-385/0, 9-19=0/4 99, 7-8=0/535 //36_14_15=0/1219_13-14=	50 (lb) or less except when sho 114, 8-19=0/414, 1-2=-503/0, 2- 0/986, 11-12=-1178/0, 10-11=-	wn. -3=-1090/0, 3-4=-1155/ 1183/0	0, 4-5=-1	155/0, 5-6=-632/0,		
WEBS 7-11=-10	057/0, 1-16=0/571, 2-16=-52	9/0, 5-13=-439/0, 6-13=0/472,	6-12=-791/0, 7-12=0/90	04, 7-10=	0/768, 8-10=-654/0		
NOTES- (5) 1) Unbalanced floor live 2) Provide mechanical or 3) Recommend 2x6 stron be attached to walls a 4) CAUTION, Do not ere	loads have been considered onnection (by others) of truss ngbacks, on edge, spaced at t their outer ends or restraine ct truss backwards.	for this design. s to bearing plate capable of wit 10-0-0 oc and fastened to eac ed by other means.	thstanding 409 lb uplift ch truss with 3-10d (0.1	at joint 9 31" X 3")	nails. Strongbacks to		

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYCUTT	HILLS   345 ADAMS POINT	TE COURT ANGIER, NC
24-2343-F01	F1-16	GABLE	1	1			# 46957
			Run: 8.430 s Feb 12	2 2021 Prir	Job Reference (optional it: 8.430 s Feb 12 2021 MiTek	) Industries, Inc. Tue Mar 20	6 14:35:58 2024 Page 1
0-1-8			ID:5TXLXLN	?Codvyjia	?SHK4thzkcYI-4uv1oLqru	IWGD9SK6ukkKeccRad	R18HPRA98F7KZX211
1-3-0					Q-6-Q		0-6-4
П							Scale = 1:38.3
3x4 =	6x6    6x6	1 5x3 Ⅲ 3x8 =	1.5x3	1.5x3	3x6 =		
1.5x3 =	3x4 = 3x4 =	3x8 FP= 3x4	= 3x4 =		3x4 = 3	x4 = 3x4 =	= 3x6 =
1 1.5x3	2 1.5x3    3	4 5 <sup>1.5x3   </sup> 6	7	т	89.	10 48 11	12
		SH1 ST5 S	ST7 COL	9	W3	et et	WATT S
				8710	B2		
		27 $26$ $25$ $24$ $21$				15	14 13
3x4    3x4 =	1.5x3    3x4 = 1.5x3	3x4 = 1.5x3    3x4 = 1.5x3	3x4 = 3x8 FP = 8	Bx10 =	3x6 = 3x4 =	3x4 =	3x4
3x4	3x8 =	3x4    3x4    1.5x3    1.5	x3    1.5x3    1.5x3				3x4 =
		1.5x3	1.5x3				
. 1-4-0 1-6-0 2-8	0 4-0-0 5-4-0 6-6-0	6-8-0 8-0-0 9-1-8 9-4-0 10-8-0	12-0-0 11-7-8 13-4-0 14-1-	14-8-0 8. 15-	16-0-0 10-8 17-4-8 19-	-10-8 . 22-4-8	23-1-12
1-4-0 0-2-0 1-2	0 1-4-0 1-4-0 1-2-0	0-2-0 1-4-0 1-1-8 0-2-8 1-4-0	0-11-8 1-4-0 0-9-8	30-6-8 1-	2-8 0-1-8 1-4-8 2-	6-0 2-6-0	0-9-4
Plate Offsets (X,Y) [2:	0-0-0,0-3-0], [3:0-0-0,0-3-0],	[19:0-3-4,Edge], [29:0-4-0,0-0-	10], [32:Edge,0-1-8], [3	4:0-0-1,0	0-0-0], [37:0-0-1,0-0-0],	[39:0-0-11,0-1-4], [40	:0-1-8,0-0-8]
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in	(loc)	l/defl L/d	PLATES GF	RIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.64	Vert(LL) -0.01	15	>999 480	MT20 24	4/190
BCLL 0.0	Rep Stress Incr NO	WB 0.40	Horz(CT) 0.02	13	n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH				Weight: 126 lb	FT = 20%F, 11%E
LUMBER-	a 1/flat)		BRACING-	Ctructu	ral wood aboathing dira	atly applied or 6.0.0 c	o nurlino ovoont
BOT CHORD 2x4 SP N	o.1(flat)		TOP CHORD	end ver	ticals.	city applied of 0-0-0 0	c pullins, except
WEBS 2x4 SP N OTHERS 2x4 SP N	o.3(flat) o.3(flat)		BOT CHORD	Rigid co	eiling directly applied or	6-0-0 oc bracing.	
		. 40. 0. 4. 0					
(lb) - Max Upli	ft_All uplift 100 lb or less at j	oint(s) 18 except 19=-145(LC 4	.)				
Max Gra	/ All reactions 250 lb or less 13=340(LC 4) 17=806(LC	s at joint(s) 32, 31, 29, 27, 26, 2 1)	24, 22, 19, 30, 28, 25, 2	23, 20 ex	cept		
		·/					
TOP CHORD 12-13=-	omp./Max. Ten All forces 2 340/0, 8-9=0/584, 10-48=-72	250 (Ib) or less except when sho 21/0, 11-48=-721/0	own.				
BOT CHORD 18-19=-	410/0, 17-18=-410/0, 16-17=	584/0, 15-16=0/759, 14-15=0/	/659 11 14- 522/0				
12-14=0	)/389	<i>1</i> 0, 9-10-0/832, 10-10- <i>11</i> 1/0,	11-14525/0,				
<b>NOTES-</b> (7-10)							
1) Unbalanced floor live	loads have been considered	l for this design.					
3) Provide mechanical c	onnection (by others) of trus	s to bearing plate capable of wi	ithstanding 100 lb uplift	at joint(	s) 18 except (jt=lb)		
19=145. 4) Load case(s) 1 2 3	1 5 6 has/have been modifi	ed Building designer must revi	ew loads to verify that t	thev are	correct for the intended	1	
use of this truss.							
be attached to walls a	ngbacks, on edge, spaced a t their outer ends or restrain	ed by other means.	ch truss with 3-10d (0.1	131° X 3	) nails. Strongbacks to	,	
6) CAUTION, Do not ere	ct truss backwards.	the size turns or the orientation	of the brace on the me	mbor S	mbal any indicator the	at annualities.	
the member must be	braced.	the size, type of the orientation	of the brace on the me		ymbol only indicates tha	WHINTH CARO	IIIII.
8) Bearing symbols are design of the trues to	only graphical representation	is of a possible bearing condition	on. Bearing symbols ar	e not cor	nsidered in the structure	A OFESSIO	Non
9) Web bracing shown is	s for lateral support of individ	ual web members only. Refer t	o BCSI - Guide to Goo	d Practic	e for Handling, Instal	g, gen Ag	
Restraining & Bracing 10) SEE BCSI-B3 SUM	ot Metal Plate Connected V NARY SHEET- PERMANFN	Vood Trusses for additional bra T RESTRAING/BRACING OF (	icing guidelines, includi CHORDS & WEB MFM	ing diago IBERS F	onal bracing.	SEAL	1111
MINIMUM BRACING	REQUIREMENTS OF TOP	CHORD, BOTTOM CHORD, A	AND WEB PLANES. IN		ION TO THESE	28147	
MINIMUM GUIDELII CONSIDERATIONS	NES, ALWAYS CONSULT T	HE PROJECT ARCHITECT OF	K ENGINEER FOR AD		L BRACING	A SALA A	
	-4					ARY GINEE	Al Sunta
1) Dead + Floor Live (ba	u lanced): Lumber Increase=1	.00, Plate Increase=1.00				Man K. MOR	our.
						3/25/202	24

Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYCUTT HILLS   345 AD	AMS POINTE COURT ANGIER, NC
24-2343-F01	F1-16	GABLE	1	1	Job Reference (optional)	# 46957
		F	0.00 0 420 a Eak 42	2024 Daint	0 420 a Eab 42 2024 MiTal/ Industrias Inc.	Tue Mer 06 14/05/50 0004 Demo 0

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tue Mar 26 14:35:58 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-4uv1oLqruwGb9SK6ukkKeccRadR18HpRA98r7KzX2TI

LOAD CASE(S) Standard
Uniform Loads (plf)
Vert: 13-32=-7, 1-12=-67
Concentrated Loads (lb)
Vert: 48=-335
2) Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-32=-7, 1-12=-67
Concentrated Loads (lb)
Vert: 48=-335
3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-32=-7, 1-9=-67, 9-12=-13
Concentrated Loads (lb)
Vert: 48=-335
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-32=-7, 1-9=-13, 9-12=-67
Concentrated Loads (lb)
Vert: 48=-335
5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-32=-7, 1-9=-67, 9-12=-13
Concentrated Loads (lb)
Vert: 48=-335
6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 13-32=-7, 1-9=-13, 9-12=-67
Concentrated Loads (lb)
Vert: 48=-335



Job	Truss		Truss Type			Qty	Ply LOT 0.0	0022 HONEYCUTT H	ILLS   345 ADAMS P	OINTE COURT ANGI	ER, NC
24-2343-F01	F1-19		GABLE			1	1	oforanco (ontional)		# 46957	
0 <sub>1</sub> 1-8					Run: 8	8.430 s Feb 12 ID:5fxLxLn'	2021 Print: 8.430 S ?C6dWjia?SHK4	thzkcYI-4uv1oLqru	ndustries, Inc. Tue M wGb9SK6ukkKeca	1ar 26 14:35:58 2024 cafdTf8NWRA98r7h Scale =	Page 1 (zX2TI 1:22.9
$1.5x3 \parallel$ $1.5x3 = 1$ $1 \qquad 2$ $25 \qquad 1$ $1 \qquad 2$ $1 \qquad 2$	5x3    	1.5x3    3 ST1	1.5x3    4 STT1 6 XXXXXXXX	1.5x3    5 ST1 XXXXXXX	6 <sup>3x4</sup> = T1 ST1 W2	1.5x3    7 \$T1 \$XXXXX	1.5x3    8 ST1 •	1.5x3    9 ST1 •	1.5x3    10 ST1 0 XXXXXXXX	1.5x3    3x4    11 12 ST1 W1 ST1 W1	1-0-0
24 2 3x4    1.	2.8-0	22 1.5x3	21 1.5x3	20 1.5x3    6-8-0	19 1.5x3    8.0.0	18 3x4 =	17 1.5x3	16 1.5x3    0-8-0 12	15 1.5x3	14 13 3x4    1.5x3    4.0 13-11-8	
Plate Offsets (X,Y)	1-4-0 6:0-1-8.Edge	1-4-0 e]. [18:0-1-8.E	0 1-4-0	1-4-0 )-1-8]	1-4-0	)	1-4-0	1-4-0 1-	4-0 1-4	-0 0-7-8	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPAC Plate Lumbe Rep S Code	ING- 2 Grip DOL er DOL tress Incr IRC2021/TPI2	2-0-0 1.00 1.00 YES 2014	<b>CSI.</b> TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL Vert(I Vert(0 Horz(	in .L) n/a CT) n/a .CT) 0.00	(loc) l/defl - n/a - n/a 13 n/a	L/d 999 999 n/a	PLATES MT20 Weight: 59 lb	<b>GRIP</b> 244/190 FT = 20%F, 11	%E
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP	No.1(flat) No.1(flat) No.3(flat) No.3(flat)				BRAC TOP ( BOT (	C <b>ING-</b> CHORD CHORD	Structural wood end verticals. Rigid ceiling di	d sheathing direc	tly applied or 6-0 10-0-0 oc bracing	-0 oc purlins, exc g.	ept

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

NOTES-(6)

Gable requires continuous bottom chord bearing.
 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 0.0022 HONEYCUTT HI	LLS   345 ADAMS POINTE	COURT ANGIER, NO
24-2343-F01	F1-20	Floor		8	1	Job Reference (optional)	#	46957
			Rur	n: 8.430 s Feb 1 ID:5fxLxL	2 2021 Print: n?C6dWija	8.430 s Feb 12 2021 MiTek Ir ?SHK4thzkcYI-Z5TP0hrTe	ndustries, Inc. Tue Mar 26 eEOSncvISRFZAp9gh1	14:35:59 2024 Page 1 gitiTaPpuOfmzX2Tk
0-1-8				12 TO MERCE			peoenerie: « _ pogiii	giarai paoline, e m
∟ ∟ 1-3-0	_1						1-2	2-4
							Γ	Scale = 1:23.5
4x4 =								
1.5x3 =	3x4 =	3x4 =		3x8 =		3x4 =	4x4 =	3x4
1	2	3		4		5	6	7
			11					
		$\langle / \rangle$	_ //					13. W1 3.
	$\checkmark$		B1					
	-							
<b>151</b>	14	13	12	11	10	9		×
3x4    3	3x8 =	3x4 =	3x4 =	1.5x3	3x4 =	4)	x4 =	3x6 =

1-0-0	4-0-0	0-0-0	9-1-8	11-7-8	14-0-12 14-3-12
1-6-0	2-6-0	2-6-0	2-7-8	2-6-0	2-5-4 0-3-0
Plate Offsets (X,Y)	[1:Edge,0-1-8], [15:Edge,0-1-8]				
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 YES Code IRC2021/TPI2014	CSI. TC 0.36 BC 0.59 WB 0.56 Matrix-SH	DEFL.         in           Vert(LL)         -0.17           Vert(CT)         -0.23           Horz(CT)         0.04	(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 SF BOT CHORD 2x4 SF WEBS 2x4 SF	? No.1(flat) ? No.1(flat) ? No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing dir end verticals. Rigid ceiling directly applied c	ectly applied or 6-0-0 oc purlins, except or 10-0-0 oc bracing.

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REACTIONS. (lb/size) 15=767/0-7-8 (min. 0-1-8), 8=773/0-4-8 (min. 0-1-8)

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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

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## **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

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	11466				LO   545 ADAMO I OINTE	COURT ANOIEN, NO
24-2343-F01	F1-26	Floor Supported Gable	1 1	Job Reference (optional)	#	46957
		Run: 8.430 ID:	0 s Feb 12 2021 Print 5fxLxLn?C6dWjia?	8.430 s Feb 12 2021 MiTek Inc SHK4thzkcYI-Z5TP0hrTeE0	ustries, Inc. Tue Mar 26 1 OSncvISRFZAp9IP1pu	14:35:59 2024 Page 1 tqmaPpuOfmzX2Tk
0- <mark>1</mark> -8						
						Scale = 1:23.5
1.5x3		5 0 W (5 0 W				
1.5x3 = 1.5x3	1.5x3    1.	5x3    1.5x3    1.5 3v4 —	5x3    1.5x3	5    1.5x3	1.5x3    1.5x3	3    3x4
1 2	3 4	$5 6^{0,1}$ 7	8	9	10 11	12
	•		• •	•	- <del>  </del>	<b>Î</b>
9 <sup>25</sup>	ST1 S		T1 ST1	ST1	ST1 ST1	w1 S
			<u> </u>	•		<b> </b>
	******	*****	$\times$	*****	$\times$	
24 23	22 2	1 20 19 1	8 17	16	15 14	13
3x4    1.5x3	1.5x3    1.	5x3    1.5x3    1.5x3    3x4	4 = 1.5x3	3    1.5x3	1.5x3    1.5x3	3    3x4

				14-3-12		
Plate O	ffsets (X,Y)	[6:0-1-8,Edge], [18:0-1-8,Edge], [24:	Edge,0-1-8]			
LOADIN TCLL TCDL BCLL BCDL	IG (psf) 40.0 10.0 0.0 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	<b>DEFL.</b> ir Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	n (loc) l/defl L/d - n/a 999 a - n/a 999 13 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 60 lb         FT = 20%F, 11%E
LUMBE TOP CH BOT CH WEBS	<b>R-</b> IORD 2x4 SF IORD 2x4 SF 2x4 SF	? No.1(flat) ? No.1(flat) ? No.3(flat)	· · · · ·	BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly applie	directly applied or 6-0-0 oc purlins, except

14-3-12

OTHERS 2x4 SP No.3(flat)

REACTIONS. All bearings 14-3-12.

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

Truss Type

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

(6-9) NOTES-

1) Gable requires continuous bottom chord bearing.

Truce

- 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.
- 6) 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.
- 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.
- 8) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, 9) 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



LOT 0.0022 HONEVOLITT HILLS 1.345 ADAMS POINTE COURT ANGLER NO

24-2343-F01       F1-29       Floor       1       1       Job Reference (optional)       #         Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tue Mar 26 1. ID:5fxLxLn?C6dWjia?SHK4thzkcYI-1H0oD1s5PYXJOmUU09moj1hqKQ5v         0-1-8       -1-3-0       -0-7-2       0-6-12       -0-10-8       -1-7	<b>46957</b> :36:00 2024 Page 1 c7PjeTdxCCzX2Tj
	k:36:00 2024 Page 1 c7PjeTdxCCzX2Tj
D:5fxLxLn?C6dWjia?SHK4thzkcYl-1H0oD1s5PYXJOmUU09moj1hqKQ5v 0-1-8 ⊣ ⊢ 1-3-0 ⊣ └─-7-2   └─-6-12 ⊢ └─-10-8 ⊢ └─-1	c7PjeTdxCCzX2Tj
0-1-8 H   <u>1-3-0</u>   <u>0-6-12</u>   <u>0-6-12</u>   <u>0-10-8</u>   <u>1-</u>	
	-
	-8
	Scale = 1:25.9
2-4	
	0.1
1.5x3 = 3x4 = 3x8 = 3x4 = 3x4 = 4x8 = 4x6 = 3x6 = 3x6 = -3x6 =	3x4
1 $2$ $3$ $4$ $5$ $6$ $7$ $8$	9
	6 W1 -
2e 19 18 17 16 15 14 13 a table to the test of	
3x4    3x4 = 3x4 = 1.5x3    3x4 = 3x4 = 3x4 = 3x4    4x6 = 4x6 =	3x6 =
13-8-10 10 000 - 10	
13-0 <del>3</del> -312 12-90 13-36 14-3-6	
$\frac{12.4-2}{12.4-2}$	.9-6
12442	5-0
0-1-8	
Plate Offsets (X,Y) [20:Edge.0-1-8]	
LOADING (psf) SPACING- 1-4-0 CSI. DEFL. in (loc) I/defl L/d PLATES GRIP	
ICCL         40.0         Plate Grip DOL         1.00         IC         0.43         Vert(LL)         -0.05         17         >999         480         M120         244/15           TCDL         10.0         IC         0.28         Vert(LL)         -0.05         17         >999         480         M120         244/15           TCDL         10.0         IC         0.28         Vert(CL)         0.08         16         >090         360	10
BCLL         0.0         Rep Stress Incr         NO         WB         0.65         Horz(CT)         0.01         12         n/a	
BCDL 5.0 Code IRC2021/TPI2014 Matrix-SH Weight: 85 lb FT	= 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No 1/flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 or 1	ourlins excent
BOT CHORD 2x4 SP No.1(flat) end verticals.	dimite, except
WEBS     2x4 SP No.3(flat)     BOT CHORD     Rigid ceiling directly applied or 6-0-0 oc bracing.	
PEACTIONS (h/pizz) 20-402/0714 (min 0.1.9) 40-240/179 (min 0.1.9) 41-206/179 (min 0.1.9) 41-206/179 (min 0.1.9) 42-2204/0.4.9 (min 0.1.9)	1 0)
Max ublittl= $372(LC 3)$ 11= $-376(LC 3)$ 11= $-396(LC 1)$	-1-0)
FORCES. (Ib) - Max. Comp./Max. Ten All forces 250 (Ib) or less except when shown.	
I UP CHURD 20-21=-399/0, 1-21=-398/0, 1-2=-523/0, 2-3=-1149/0, 3-4=-1222/0, 4-5=-764/0, 6-7=0/1085, 7-8=0/614 BOT CHURD 18-10=-0/311, 12-6-0/1311, 16-17=-0/1311, 15-16=-0/1416, 14-15=-0/301, 13-14=-581/0, 12-13=-581/0, 11-12=-1685/0	
10-1361/1/0	
WEBS 8-11=-462/0, 7-12=-934/0, 7-11=0/1357, 8-10=0/728, 1-19=0/594, 2-19=-550/0, 4-15=-429/0, 5-15=0/455, 5-14=-730/0,	
6-14=0/589, 6-12=-1622/0	
NOTES- (6-9)	
1) Unbalanced floor live loads have been considered for this design.	
2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 372 lb uplift at joint 10 and 476 lb uplift at	
joint 11. 3) Load case(c) 1, 2, 3, 4, 5, 6 hav/have been medified. 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) CAU I ION, Do not erect truss backwards.	
b) Graphical bracing representation does not depict the size, type of the orientation of the brace on the member will 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.	
8) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing,	111
Nestraining & braung of metal Flate connected wood muses for additional bracing guidelines, including diagonal bracing.	0111
MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM	1 =
GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS	
LOAD CASE/S) Standard	
1) Dead + Eloor Live (balanced): Lumber Increase=1 00. Plate Increase=1 00.	
Úniform Loads (plf)	In
Vert: 10-20=-7, 1-9=-67	WHEN ST.
Concentrated Loads (Ib)	N
voit. 0=-750	
3/25/2024	
Warning !	ed

Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYCUTT HILLS   345 AD	AMS POINTE COURT ANGIER, NC
24-2343-F01	F1-29	Floor	1	1	Job Reference (optional)	# 46957
			Run: 8/130 s Feb 12	2021 Print	8 /30 s Eeb 12 2021 MiTek Industries Inc.	Tue Mar 26 14:36:00 2024 Page 2

n: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 Mi Fek Industries, Inc. Tue Mar 26 14:36:00 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-1H0oD1s5PYXJOmUU09moj1hqKQ5wc7PjeTdxCCzX2Tj

LOAD CASE(S) Standard 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

Concentrated Loads (lb) Vert: 6=-735



Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYCUT	T HILLS   345 ADAMS PC	DINTE COURT ANGIER, NO
24-2343-F01	F1-30	Floor	2	1		n,	# 46957
			Run: 8.430 s Feb 12	2021 Print:	Job Reference (option 8.430 s Feb 12 2021 MiT	nal) ek Industries. Inc. Tue Ma	ar 26 14:36:01 2024 Page 1
			ID:5fxLxLn?	C6dWjia?	SHK4thzkcYI-VTaARN	NskArfA0w3hZsH1FEE	?_qRwLYuts7NVkfzX2T
0-1-8							
⊣ ⊢ 1-3-0	4					0-7-2 0-6-12	<u>1-3-8</u> 0-1-8
							Scale = 1:24.4
3x4 =							
1.5x3 =	3x4 =	3x8 =	3x4 =		3x4 =	4x8 = 4x8 =	1.5x3
1	2	3	4		5	6 7	8
		- Lik					
						W3	₩5 BL1 <sup>20</sup> ½
	ří – Ť		B1	<b>-</b>	¥		
18 1	7 16	15 14	1	3	12	11 10	<b>9</b>
3x4    3x	x4 = 3x4	= 1.5x3    3x4 =	= 3	x4 =	3x4	= 3x4    4x6 =	7x8
						13-0-6 12-9-0	
<u> </u>		12-4-2				12 <sub>1</sub> 5 <sub>1</sub> 10 13 <sub>1</sub> 114	14-9-14
		12-4-2				0-3-6 0-1-8	1-0-0
Plate Offsets (X,Y) [7]	:0-3-0,Edge], [9:Edge,0-3-0],	[18:Edge,0-1-8]					
LOADING (psf)	<b>SPACING-</b> 1-4-0	CSI.	DEFL. in	(loc) l	/defl L/d	PLATES (	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.44	Vert(LL) -0.05	`1Ś >	999 480	MT20 2	244/190
ICDL 10.0	Lumber DOL 1.00 Rep Stress Incr NO	BC 0.29 WB 0.82	Vert(CT) -0.08 Horz(CT) 0.01	14 > 10	•999 360 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	11012(01) 0.01	10	n/a n/a	Weight: 78 lb	FT = 20%F, 11%E
			BRACING-				
TOP CHORD 2x4 SP N	lo.1(flat)		TOP CHORD	Structura	I wood sheathing di	rectly applied or 6-0-	0 oc purlins, except
BOT CHORD 2x4 SP N	lo.1(flat)			end verti	cals.		
WEBS 2X4 SP N	NO.3(TIAT)		BOT CHORD	Rigia cei	ling directly applied	or 6-0-0 oc bracing.	
REACTIONS. (lb/size)	18=415/0-7-14 (min. 0-1-8)	, 9=-834/0-8-0 (min. 0-1-8), 10	=2215/0-4-8 (min. 0-1-	8)			
Max Upl Max Gra	ift9=-871(LC 3) v 18=415(LC 3) 10=2215(LC	1)					
IVIAX GIA	10-2213(LC 3), 10-2213(LC	1)					
FORCES. (lb) - Max. C	omp./Max. Ten All forces 2	50 (lb) or less except when sho	wn.				
TOP CHORD 18-19= BOT CHORD 16-17=	-411/0, 1-19=-410/0, 1-2=-54 0/1010_15-16=0/1383_14-15	2/0, 2-3=-1204/0, 3-4=-1313/0, =0/1383_13-14=0/1224_12-13	4-5=-890/0, 6-7=0/1504 =0/535_11-12=-412/59	1 10-11=-4	112/59 9-10=-1504/	0	
WEBS 7-10=-9	980/0, 7-9=0/1728, 1-17=0/61	6, 2-17=-572/0, 4-13=-408/0, 5	-13=0/434, 5-12=-710/0	), 6-12=0	/573, 6-10=-1608/0	0	
1) Unbalanced floor live	loads have been considered	for this design.					
2) Provide mechanical of	connection (by others) of trus	s to bearing plate capable of wi	thstanding 871 lb uplift	at joint 9.			
3) Load case(s) 1, 2, 3,	4, 5, 6 has/have been modifie	ed. Building designer must revi	ew loads to verify that th	ney are c	orrect for the intende	ed	
4) Recommend 2x6 stro	ongbacks, on edge, spaced at	10-0-0 oc and fastened to ea	ch truss with 3-10d (0.1	31" X 3")	nails. Strongbacks	to	
be attached to walls a	at their outer ends or restraine	ed by other means.					
6) Graphical bracing reg	presentation does not depict t	he size. type or the orientation	of the brace on the mer	nber. Svr	nbol onlv indicates t	hat	
the member must be	braced.			<b>.</b> .			
<ol> <li>Bearing symbols are design of the trues to</li> </ol>	only graphical representation	s of a possible bearing condition	on. Bearing symbols are	not cons	idered in the structu	iral	
8) Web bracing shown i	s for lateral support of individ	ual web members only. Refer t	o BCSI - Guide to Good	Practice	for Handling, Install	ing,	
Restraining & Bracing	g of Metal Plate Connected W	lood Trusses for additional bra	cing guidelines, includir	ng diagon	al bracing.	Multillininini	little.
9) SEE BCSI-B3 SUMIV MINIMUM BRACING	REQUIREMENTS OF TOP (	CHORD BOTTOM CHORD AN		ERS FOR	N TO THESE MINIM	UMIN BTH CAN	OLIANIA
GUIDELINES, ALWA	YS CONSULT THE PROJEC	T ARCHITECT OR ENGINEE	R FOR ADDITIONAL BI	RACING	CONSIDERATIONS	IN GOFESSIC	N. THE
LOAD CASE(S) Standa	rd					1 A	Kit I
1) Dead + Floor Live (ba	alanced): Lumber Increase=1	.00, Plate Increase=1.00				SEAL	
Uniform Loads (plf)	,				19	28147	
Vert: 9-18=-7 Concentrated Loads	, 1-8=-67 (lb)						
Vert: 6=-735						A NOINEE	S. S. Martin
2) Dead: Lumber Increa	se=1.00, Plate Increase=1.00	)				MAK K. MC	Pression
Uniform Loads (pit) Vert: 9-18=-7	, 1-8=-67					White with	
						3/25/2	024
Warning !Verify desig	on narameters and read notes by	fore use. This design is based only	upon parameters shown an	d is for an	individual building com	popent to be installed ar	nd loaded

JOD HUSS	s i russ i	Туре	Qty	Ply	LOT 0.0022 HONEYCUTT HILLS   345 ADAM	IS POINTE COURT ANGIER, NC
24-2343-F01 F1-30	Floor	2	2	1	Job Reference (optional)	# <b>4695</b> 7

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LOAD CASE(S) Standard 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





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 instance and power of 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 Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYCUTT HILLS   345 AD	AMS POINTE COURT ANGIER, NC
24-2343-F01	F1-31	Floor	1	1	Job Reference (optional)	# 46957
			0 5 1 40	0004 D 1 4		T 11 00 11 00 00 0001 D 0

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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 0.0022 HONEYCUTT	HILLS   345 ADAMS PC	DINTE COURT ANGIER, NO	
24-2343-F01	F1-32	Floor	5	1		D.	# 46957	
			Run: 8.430 s Feb 12	2021 Print:	Job Reference (optional 8.430 s Feb 12 2021 MiTek	l) Industries, Inc. Tue Ma	ar 26 14:36:03 2024 Page 1	
0-1-8			ID:5fxLxLn	?C6dVVjia	SHK4thZKCYI-RSIWS2U	_IIVtFED3hHKVLtJJo	ceb1pZPAKRscoXzX21g	
1-3-0				0-7-2	0-6-12		0-10-8,0-1-8	
H				0.12			Scale = 1:30.1	
3x4 =							3x4 =	
1.5x3 =	3x4 = 3x8 FP =	3x8 = 3x4 =	3x4 =	4	4x8 = 3x6 =	3x4 =	1.5x3 =	
1		4 5					ال الح	
				W¥			W5 B1 25 9	
	1 1	B1 6 8		TH .	B R B2 R			
	21	20 10	18 17	16	15 17 13		12	
3x4    3x	4 = 3x4 =	15x3    3x4 =	3x4 = 3x8 FP =	3x4 = 3	3x4    4x6 = 3x4	ı =	$3x4 = 3x4 \parallel$	
				0,71				
					10.4.44			
					13-0-6			
		12-4-2		1	12-9-0 2-5-10	18-1-14		
		12-4-2			0-1-80-3-6 0-3-60-1-8	5-0-0		
Plate Offsets (X,Y)	[10:0-1-8,Edge], [23:Edge,0-1	-8]	1					
LOADING (psf)	SPACING- 1-4	0 <b>CSI</b> .	DEFL. in	(loc) l	/defl L/d	PLATES (	GRIP	
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.0 Lumber DOL 1.0	0 IC 0.49 0 BC 0.29	Vert(LL) -0.05 Vert(CT) -0.08	20 > 19 >	·999 480 ·999 360	M120 2	244/190	
BCLL 0.0	Rep Stress Incr N	O WB 0.37	Horz(CT) 0.01	14	n/a n/a	Waight: 04 lb	FT - 200/ F 110/ F	
							FT = 2078F, TT78E	
LUMBER-	No 1(flat)		BRACING-	Structure	l wood sheathing dire	ectly applied or 6-0-	0 oc purlins except	
BOT CHORD 2x4 SF	PNo.1(flat)			end verti	cals.			
WEBS 2x4 SF	' No.3(flat)		BOT CHORD	Rigid cei	ling directly applied or	6-0-0 oc bracing.		
REACTIONS. (Ib/size	e) 23=407/0-7-14 (min. 0-1-	8), 11=-125/0-8-0 (min. 0-1-8),	14=1757/0-4-8 (min. 0-7	1-8)				
Max O Max G	pint 1=-244(LC 3) irav 23=410(LC 3), 11=30(LC	4), 14=1757(LC 1)						
FORCES (Ib) Max	Comp /Max Ten All forces	250 (lb) or less except when sh						
TOP CHORD 23-24	4=-407/0, 1-24=-406/0, 1-2=-5	535/0, 2-3=-1185/0, 3-4=-1185/0	, 4-5=-1281/0, 5-6=-846	/0, 7-8=0/	1598, 8-9=0/1106,			
9-10 BOT CHORD 21-22	=0/289 2=0/997_20-21=0/1358_19-20	)=0/1358 18-19=0/1186 17-18:	=0/484 16-17=0/484 15	-16=-512	/0 14-15=-512/0			
21-22-0/397, 20-21-0/1330, 19-20-0/1330, 10-19-0/1100, 17-10-0/404, 10-17=0/484, 15-10=-312/0, 14-15=-312/0, 13-14=-1598/0, 12-13=-675/0								
WEBS 8-14=-530/0, 8-13=0/694, 9-13=-651/0, 9-12=0/471, 10-12=-372/0, 1-22=0/608, 2-22=-564/0, 5-18=-420/0, 6-18=0/446, 6-16=-725/0, 7-16=0/581, 7-14=-1638/0								
NOTES- (6-9) 1) Unbalanced floor live loads have been considered for this design.								
<ul> <li>2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=244.</li> <li>2) have (b) 2 4 5 2 have been been being plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=244.</li> </ul>								
s) 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								
5) CAUTION, Do not erect truss backwards.								
6) 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								
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. 8) Web bracing shown is for lateral support of individual web members only. Refer to BCSL- Guide to Good Practice for Handling. Installing with CAROUND								
Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.								
9) 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 IM								
GUIDELINES, ALV	AYS CONSULT THE PROJ	ECT ARCHITECT OR ENGINEE	ER FOR ADDITIONAL B	RACING	CONSIDERATION	28147		
LOAD CASE(S) Stand	dard				HIII			
1) Dead + Floor Live (	balanced): Lumber Increase=	1.00, Plate Increase=1.00			The second se	A ANOINEE	ele M	
Vert: 11-23	=-7, 1-10=-67					MARK Y MAG	RAMININ	
Concentrated Load	s (lb) 5					All the second	HILD	
ven. 7-75	~					3/25/2	024	
Warning !—Verify de	sign parameters and read notes	before use. This design is based only	upon parameters shown, an	d is for an	individual building compo	onent to be installed ar	nd loaded	

Job	Truss	Truss Type	Qty	Ply	LOT 0.0022 HONEYCUTT HILLS   345 AD	AMS POINTE COURT ANGIER, NC
24-2343-F01	F1-32	Floor	5	1	Job Reference (optional)	# 46957
			Run: 8.430 s Feb 12	2021 Print	: 8.430 s Feb 12 2021 MiTek Industries. Inc.	Tue Mar 26 14:36:03 2024 Page 2

un: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Tue Mar 26 14:36:03 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-Rsiws2u\_iTvtFED3hHKVLfJJce6TpZPAKRscoXzX2Tg

LOAD CASE(S) Standard 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 3) 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 4) 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 (lb) 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



100	11033	nuss type	Gety	l' 'y	LOT 0.0022 HONE FCOTT HILLS   34	45 ADAMS FOINTE COURT ANGIER, NO
24-2343-F01	F1-33	Floor Supported Gable	1	1	Job Reference (optional)	# 46957
		F	un: 8.430 s Feb 1 ID:5fxLxl	2 <sup>'</sup> 2021 Print _n?C6dWji	8.430 s Feb 12 2021 MiTek Industrie a?SHK4thzkcYI-v2GI3OvcTm1kt	s, Inc. Tue Mar 26 14:36:04 2024 Page 1 NoFF_rkttsb82W3Y5?JY5b9LzzX2T
0-1-8						0-1-8
						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    3	4 = 1.5x3	1.5x	3    1.5x3    1.5x3	1.5x3    1.5x3 =
1 2 <sub>11</sub>	3 4 5	6 7 8 9	_10	11	12 13	14 15 16
	ST1 ST1	Image: style="text-align: center;">Image: style="text-align: center;">Image: style="text-align: center;">Image: style="text-align: center;">Image: style="text-align: center;">Image: style="text-align: center;">Image: style="text-align: center;"/>Image: style=	1 W2 ST1	e ST	0 0 1 ST1 ST1	STI1 STI1 BUI 34 C
		рана разрована работ разрована и разрована разрована разрована на селото на селото на селото на селото на селот На селото на селото н На селото на селото н				
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    1.5x	3    3x4 =	1.5x	3    3x8 FP=	1.5x3    3x4
					1.5x3    1.5x3	1.5x3

1						10-1-14						
						18-1-14						1
Plate Offsets (X,Y) [9:0-1-8,Edge], [24:0-1-8,Edge], [32:Edge,0-1-8]												
LOADING ( TCLL 4 TCDL 1 BCLL BCDL	psf) 40.0 10.0 0.0 5.0	<b>SPACING-</b> Plate Grip DOL Lumber DOL Rep Stress Incr Code IRC2021/Tf	2-0-0 1.00 1.00 YES Pl2014	<b>CSI.</b> TC BC WB Matrix	0.06 0.01 0.03 <-SH	<b>DEFL.</b> Vert(LL) Vert(CT) Horz(CT)	in n/a n/a 0.00	(loc) - - 17	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES 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 CHOF BOT CHOF	RD RD	Structural wood sheathing directly applied or 6-0-0 oc purlins, exc end verticals. Rigid ceiling directly applied or 10-0-0 oc bracing.					

10 1 1/

### 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

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

NOTES- (5-8)

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 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.
- 7) 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.
   8) 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

