Mark Morris, P.E.

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

AST #: 53753 JOB: 24-9455-F01 JOB NAME: LOT 0.0026 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 2018 as well as IRC 2021. 22 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, F1-29, F1-30, F1-31, F1-32, F1-33



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

Job	Truss		Truss Type		(Qty Ply	LOT 0.0026 HONE	YCUTT HILLS 437 A	DAMS POINTE CO	URT ANGIER, NC
24-9455-F01	F1-01		Floor Supported	Gable		1	1 Job Reference (d	optional)		53753
	·		÷		Run: 8.6 ID:5fx	30 s_Jul 12 2024 LxLn?C6dWjia?	Print: 8.630 s Jul 12 202 SHK4thzkcYI-FGVv	24 MiTek Industries, In 1?4SUiSVGoxB9Pp	nc. Tue Oct 29 22:5 H06yKL2K4ZiA	8:59 2024 Page 1 AwuC6zyOQUA
0 ₁ 1_8										
										Scale = 1:21.5
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	$5^{3x4} =$	6 T1	7	8	9	10	11
]	•	•	0			•	0	•	•	
	ST1	ST1	ST1	ST1 WS	s sti	ST1	ST1	ST1	ST1	W1 -0-0
		1			$\geq $		1			\square
			•		B					
\times								~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		\times
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									
			13-1-12							
Plate Offsets (X,Y)	Plate Offsets (X,Y) [5:0-1-8,Edge], [17:0-1-8,Edge], [22: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 0.06 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	PLATES GRIP MT20 244/190 Weight: 55 lb FT = 20%F, 11%E					
			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly applie	directly applied or 6-0-0 oc purlins, except					

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	Truss Type	Otv	Ply			
24-9455-F01	F1-02	Floor	Qty 5	1	LOT 0.0026 HONEYC	UTT HILLS 437 ADA	MS POINTE COURT ANGIER, NC # 52752
24-3433-101	1 1-02			Jul 12 2024 Prir	Job Reference (opt t: 8.630 s Jul 12 2024 l		# 53753 Tue Oct 29 22:59:00 2024 Page 1
0-1-8 ⊢⊢			ID:5fxLxLr	n?C6dWjia?SH	K4thzkcYI-jS3HqL4	4F0aMtyVOj6KWZŀ	(VQTSY_11aFPaemePyOQU9
4x4 = $1.5x3 =$ 1 1 1 1 1 1 1 1 $3x4 $	3x4 = 2 13 3x6 =	3x4 = 3 • • • • • • • • • • • • • • • • • • •	1.5x3 4 T1 B1 11 3x8 =	3x4 = 5	10 3x4 =	3x4 = 6 9 3x	3x6 = 7 W3 $W16 = 3x4 \parallel$
1-6-0 1-6-0 Plate Offsets (X,Y) LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	Plate Grip DOL 1 Lumber DOL 1	0-0 CSI. 00 TC 0.35 00 BC 0.54 40 WB 0.53	Vert(CT) -(D.12 `11´ >		11-7-8 2-6-0 PLATES MT20 Weight: 66	H 13-1-12 1-6-4 GRIP 244/190 5 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SI BOT CHORD 2x4 SI WEBS 2x4 SI			BRACING- TOP CHORE BOT CHORE	end vert			r 6-0-0 oc purlins, except acing.
REACTIONS. (Ib/siz	e) 14=703/0-7-8 (min. 0-1-	8), 8=1109/0-4-8 (min. 0-1-8)					
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	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=-436 ding designer must review loads d at 10-0-0 oc and fastened to e	0, 3-4=-2605/0, 4-5= /0, 6-10=0/481, 6-9= s to verify that they a	-1004/0, 7-9= re correct for	0/1121 the intended use o		
LOAD CASE(S) Star 1) Dead + Floor Live Uniform Loads (pli Vert: 8-14: Concentrated Load Vert: 7=-4: 2) Dead: Lumber Inci Uniform Loads (pli	dard (balanced): Lumber Increase 10, 1-7=-100 ds (Ib) 20 rease=1.00, Plate Increase= 					ununununununununununununununununununun	CAROLINI

Concentrated Loads (lb) Vert: 7=-400



Job	Truss	russ Type	Qty PI		ITT HILLS 437 ADAMS	POINTE COURT ANGIER, NO
24-9455-F01		loor	1	1 Job Reference (optio	·	# 53753
0-1-8 ⊢			Run: 8.630 s Jul 12 2 ID:5fxLxLn?C6dV	2024 Print: 8.630 s Jul 12 2024 M Vjia?SHK4thzkcYI-jS3HqL44	ITek Industries, Inc. Tu	e Oct 29 22:59:00 2024 Page 1 MoSb3I0uFPaemePyOQU9 0-10-12 Scale = 1:23.2
4x4 = $1.5x3 =$ 1 1 1 1 1 1 $3x4 $	2 3x8 =		3x4 = 1.5x3 4 11 5 12 12 3x8 = 12	3x4 = 6 11 3x4 =	3x4 = 7	3x6 = 8 y
1-4-8 1-4-8 Plate Offsets (X,Y)		4-8 6-0 [6:Edge,0-1-8]	10-6-0 5-1-8		13-0-0 2-6-0	<u>14-1-12</u> 1-1-12
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 0.59 BC 0.34 WB 0.58 Matrix-SH	DEFL. in (Vert(LL) -0.07 Vert(CT) -0.10 Horz(CT) 0.01 -0.10 -0.10	loc) I/defl L/d 12 >999 480 12 >999 360 9 n/a n/a	PLATES MT20 Weight: 73 II	GRIP 244/190 p FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			er BOT CHORD R	tructural wood sheathing ond verticals. igid ceiling directly appliec. 0-0 oc bracing: 15-16,14-	d or 10-0-0 oc braci	
Max U	e) 16=-964/1-7-8 (min. 0-1-8), plift16=-1011(LC 4) irav9=575(LC 4), 15=1911(LC 1		5=1911/1-7-8 (min. 0-1-8)	o o o o o o o o o o o o o o o o o o o		
FORCES. (lb) - Max. TOP CHORD 16-17 7-8=- 80T CHORD BOT CHORD 14-19 WEBS 2-15:	Comp./Max. Ten All forces 25 7=0/1005, 1-17=0/1003, 8-9=-57: 564/0 5=-1536/0, 13-14=0/413, 12-13= -891/0, 1-15=-1760/0, 2-14=0/1 =0/332, 7-10=-809/0, 8-10=0/743	0 (lb) or less except when sł 2/0, 1-2=0/1536, 2-3=0/514, 0/1456, 11-12=0/1734, 10-11 213, 3-14=-1129/0, 3-13=0/6	3-4=-954/0, 4-5=-1670/0, 5 1=0/1227			
 2) Provide mechanica 3) This truss has larged at the bearings. But 4) Recommend 2x6 s be attached to wall 	ve loads have been considered t al connection (by others) of truss e uplift reaction(s) from gravity lo ilding designer must provide for trongbacks, on edge, spaced at s at their outer ends or restrained erect truss backwards.	to bearing plate capable of v ad case(s). Proper connection uplift reactions indicated. 10-0-0 oc and fastened to e	on is required to secure true	ss against upward movem		
LOAD CASE(S) Stan	dard					
					NUMBER OFESE	AROLINIII



Job	Truss	Truss Type		Qty Pl	LOT 0.0026 HONEYCUTT HILLS 43	ADAMS POINTE COUR	T ANGIER, NC
24-9455-F01	F1-04	Floor		8	1 Job Reference (optional)	# 537	
			R	un: 8.630 s Jul 12 2 ID:5fxLxLn?0	2024 Print: 8.630 s Jul 12 2024 MiTek Industries C6dWjia?SHK4thzkcYI-Bedf1h5j0JjDV64a	, Inc. Tue Oct 29 22:59:0 Hprl5X1b0stX1UTOdI	1 2024 Page 1 ENJAryOQU8
0-1-8							
⊢ 1-3-0						<u> </u>	Scale = 1:23.2
							1.20.2
4x4 =							
1.5x3 =	3x4 =	3x4 =	1.5x3	3x4 =	3x4 =	$4x4 \equiv$	3x4
1	2	3	4 11	5	6	7	8
							1
			$\langle \parallel / /$	\sim		W3	W1
		\$	B1_B1_		$\overline{\mathbf{v}}$	`	\$∐ [

12

3x8 =

11

3x4 =

10

4x4 =

3x6 =

1-6-0 1-6-0 Plate Offsets (X Y)	4-0-0 2-6-0 [1:Edge,0-1-8], [15:Edge,0-1-8]	9-1 5-1		<u>11-7-8</u> 2-6-0	13-10-12 14-1-12 2-3-4 0-3-0
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 0.30 BC 0.58 WB 0.56 Matrix-SH	DEFL. in Vert(LL) -0.16 Vert(CT) -0.22 Horz(CT) 0.04	12 >999 480 11-12 >764 360	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			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly applie	directly applied or 6-0-0 oc purlins, except

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

13

3x4 =

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.

14

3x4 ||

3x6 =

LOAD CASE(S) Standard



Job	Truss		Truss Typ	e		Qty	Ply LOT 0.0	026 HONEYCUTT F	HILLS 437 ADAMS	POINTE COURT	ANGIER, NC
24-9455-F01	F1-05		Floor Supp	orted Gable		1	1 Job Re	eference (optional))	# 537:	53
			·		R	un: 8.630 s Jul ID:5fxLxL	12 2024 Print: 8.630 n?C6dWija?SHK4	s Jul 12 2024 MiTek thzkcYI-frB1F16L	Industries, Inc. Tue ndr47GfmrXM el	e Oct 29 22:59:02 2 agaFLmm3vXsi	2024 Page 1 J7silvOQU7
0 ₁ 1 ₆ 8										- 1	
н											
										Sci	ale = 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 3	x4
1	2	3	4	5	$6^{3x4} =$	7	8	9	10	11 1:	2
]	•	•	•	•		•	•	•	•	•	₽ (
	ST1	ST1	ST1	ST1	ST1 742	ST1	ST1	ST1	ST1	ST1	w1
			•				•	•	•		
		****		XXXXXXXX	XXXXXXXX			*****	XXXXXXXX		X
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	1.5x3 3	x4

Plate Offsets (X,Y) [6:0-1-8,Edge], [18:0-1-8,Edge], [24:Edge,0-1-8]									
1%E									
cept									
•									

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.

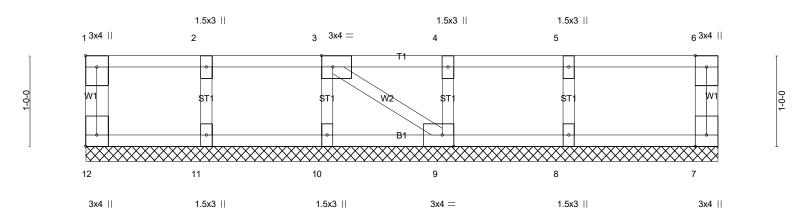
LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0026 HONEYCUTT HILLS 437 ADAMS POINTE COURT ANGIER, NO
24-9455-F01 F	F1-06	GABLE	1		Job Reference (optional) # 53753

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Oct 29 22:59:02 2024 Page 1 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-frB1F16Lndr47GfmrXM_elapBFLkm3pXsu7silyOQU7

Scale = 1:12.7



	1-4-0 1-4-0 [1:Edge,0-1-8], [3:0-1-8,	2-8 1-4 Edgel [9:0-1-	-0	4-0-0 1-4-0		-4-0 -4-0		6-11-12 1-7-12	
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/TI	2-0-0 1.00 1.00 YES	CSI. TC 0.08 BC 0.01 WB 0.04 Matrix-P	DEFL. Vert(LL) Vert(CT)	in (loc) n/a - n/a - -0.00 9		L/d 999 999 n/a	PLATES MT20 Weight: 32 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF	P No.1(flat)		Wautz-F	BRACING- TOP CHOR BOT CHOR	except	t end verti	cals.	lirectly applied or 6-	11-12 oc purlins,

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



participant prod prod <th>Job</th> <th>Truss</th> <th>Truss Type</th> <th>Qty</th> <th>Ply L</th> <th>OT 0.0026 HONE</th> <th>YCUTT HILLS 43</th> <th>7 ADAMS POINTE COURT ANGIER, NO</th>	Job	Truss	Truss Type	Qty	Ply L	OT 0.0026 HONE	YCUTT HILLS 43	7 ADAMS POINTE COURT ANGIER, NO
$\frac{130}{1000000} + \frac{1300}{100000000000000000000000000000000$	24-9455-F01	F1-08	Floor	3		lob Reference (ontional)	# 53753
$\frac{130}{120}$ $\frac{144}{120}$ $\frac{144}{1100}$ $\frac{144}{110$				Run: 8.630 s Jul 1 ID:5fxLxLr	12 2024 Print:	8.630 s Jul 12 20	24 MiTek Industries	s, Inc. Tue Oct 29 22:59:04 2024 Page 1 p9vvPSiAf5Z3zzEt9gJCcznAvOQU5
$\frac{180}{1000} = \frac{180}{2} + \frac{34}{100} + \frac{34}{2} + $	1-3-0							
$\frac{180}{1000} = \frac{180}{2} + \frac{34}{100} + \frac{34}{2} + $								Scale = 1:37.9
$ \begin{array}{c} \begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 $								00010 - 1.07.0
$ \begin{array}{c} 160 \\ 9 \\ 9 \\ 9 \\ 9 \\ 9 \\ 9 \\ 10 \\ 10 \\ 10$								
$ \begin{array}{c} \begin{array}{c} 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 $								
$\frac{1}{120} + \frac{2}{120} + \frac{3}{24} + \frac{3}{24} + \frac{3}{24} + \frac{3}{24} + \frac{5}{24} + \frac{6}{24} + \frac{7}{24} + \frac{1}{12} + \frac{1}{24} + \frac{1}{12} + \frac{1}{14} + \frac{1}{2} + \frac{1}{2} + \frac{1}{14} + \frac{1}{2} $								
Image: state of the state								
Image: style styl	, .			Lend.	T2	° R	, R	
$34 \parallel 34 = 34 = 34 = 1.53 \parallel 34 = 44 = 34 \parallel 34 = 34 = 7.8 + 1.27.8 + 1.4.4.3 = 34.8 + P= 34 = 34 = 34.4 = 3$					M	- 15		
$34 \parallel 34 = 34 = 34 = 1.53 \parallel 34 = 44 = 34 \parallel 34 = 34 = 7.8 + 1.27.8 + 1.4.4.3 = 34.8 + P= 34 = 34 = 34.4 = 3$		22		10 10	47	40 45		42 42
Mark Calculation of the standard of								
Image 2.8-0 2.8-0 2.7-8 2.8-0 1.8-0 1.4-8 2.6-0 2.6-0 1.1-10 LOADING (pst) SPACING- 1.4-0 T 1.8-0 1.4-8 2.6-0 1.2-0								
Image 2.8-0 2.8-0 2.7-8 2.8-0 1.8-0 1.4-8 2.6-0 2.6-0 1.1-10 LOADING (pst) SPACING- 1.4-0 T 1.8-0 1.4-8 2.6-0 1.2-0								
Image 2.8-0 2.8-0 2.7-8 2.8-0 1.8-0 1.4-8 2.6-0 2.6-0 1.1-10 LOADING (pst) SPACING- 1.4-0 T 1.8-0 1.4-8 2.6-0 1.2-0								
Image 2.8-0 2.8-0 2.7-8 2.8-0 1.8-0 1.4-8 2.6-0 2.6-0 1.1-10 LOADING (pst) SPACING- 1.4-0 T 1.8-0 1.4-8 2.6-0 1.2-0								
Image 2.8-0 2.8-0 2.7-8 2.8-0 1.8-0 1.4-8 2.6-0 2.6-0 1.1-10 LOADING (pst) SPACING- 1.4-0 T 1.8-0 1.4-8 2.6-0 1.2-0								
Plate Offsets (X,Y)- [25:Edge,0-1:8] LOADING (psf) SPACING- 1:4-0 CSI. in (loc) I/def I/def MT20 244/190 TCLL 40.0 Plate Grip DOL 1:00 BC 0:28 Vert(L1) 0:08 22 >999 360 MCDL 0:0 Rep Stress Incr NO Web 0:0.33 Vert(C1) 0:08 22 >999 360 BCDL 5:0 Code IRC2021/TPI2014 Matrix:SH Horz(CT) 0:01 18 n/a n/a DOP CHORD 2x4 SP No.1(flat) BCT Der CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. BOT CHORD Reactions. (bisize) 25:384/0-7-8 (min. 0-1-8), 12=641/0-4-6 (min. 0-1-8), 18=1653/0-4-8 (min. 0-1-8) Matrix:SH BCT CHORD Reigid ceiling directly applied or 6-0-0 oc bracing. REACTIONS. (bisize) 25:384/0-7-8 (min. 0-1-8), 12=641/0-4-6 (min. 0-1-8), 18=1653/0-4-8 (min. 0-1-8) Matrix:SH BCT CHORD Reigid ceiling directly applied or 6-0-0 oc bracing. FEACTIONS. (bisize) 25:384/0-7-8 (min. 0-1-8), 12=-61653/0-1, 12=-707/0, 12=0-10/39, 14-15=-707/9, 14=								
TCLL 40.0 Plate Grip DOL 1.00 TC 0.35 Vert(C1) -0.06 22 >999 360 BCDL 0.0 Rep Stress Incr NO WB 0.43 Horz(CT) 0.06 22 >999 360 BCDL 5.0 Code IRC2021/TPI2014 Matrix-SH Weight: 115 lb FT = 20%F, 11%E LUMBER- TOP CHORD 2x4 SP No.1(flat) Matrix-SH BRACINC- TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. BOT CHORD 2x4 SP No.1(flat) BOT CHORD Structural wood sheathing directly applied or 6-0-0 oc bracing. REACTIONS. (Ib/size) 25-384/0-7-8 (min. 0-1-8), 12=641/0-4-6 (min. 0-1-8), 18=1653/0-4-8 (min. 0-1-8) BOT CHORD Structural wood sheathing directly applied or 6-0-0 oc bracing. REACTIONS. (Ib/size) 25-384/0-7-8 (min. 0-1-8), 12=641/0-4-6 (min. 0-1-8), 18=1653/0-4-8 (min. 0-1-8) BOT CHORD Structural wood sheathing directly applied or 6-0-0 oc bracing. REACTIONS. (Ib/size) 25-384/0-7-8 (min. 0-1-8), 12=641/0-4-6 (min. 0-1-8), 13=653/0-48 (min. 0-1-8) BOT CHORD Structural wood sheathing directly applied or 6-0-0 oc bracing.	Plate Offsets (X,Y) [
TCDL 10.0 Lumber DOL 1.00 BC 0.28 Vert(CT) -0.08 22 >999 360 BCDL 5.0 Code IRC2021/TPI2014 Matrix-SH Horz(CT) 0.01 18 n/a N/a LUMBER- TOP CHORD 2x4 SP No.1(flat) BRACING- TOP CHORD 2x4 SP No.1(flat) BRACING- TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. WEBS 2x4 SP No.3(flat) BTCHORD Rigid celling directly applied or 6-0-0 oc bracing. FORCES. (b/size) 25=384/0-7-8 (min. 0-1-8), 12=641/0-4-6 (min. 0-1-8), 18=1653/0-4-8 (min. 0-1-8) Max Grav25=405(LC 3), 12=702(LC 4), 18=1653(LC 1) BOT CHORD Rigid celling directly applied or 6-0-0 oc bracing. FORCES. (b/size) 25=384/0-7-8 (min. 0-1-8), 12=641/0-4-6 (min. 0-1-8), 18=1653/0-4-8 (min. 0-1-8) BOT CHORD Rigid celling directly applied or 6-0-0 oc bracing. FORCES. (b/size) 25=384/0-7-8 (min. 0-7-8), 12=702(LC 4), 18=1653/0-4-8 (min. 0-1-8) BOT CHORD Rigid celling directly applied or 6-0-0 oc bracing. FORCES. (b) - Max. Comp./Max. Ten All forces 250 (b) or less except when shown. TOP CHORD 1-25=324/0-2405(LC 3), 12=702(LC 4), 18=1653/0-24=74/0, 42=20/0-171/0, 5-6=-750/59, 6-7=0/514, 7-8=0/779, 8-9=								
ECDL 5.0 Code IRC2021/TPI2014 Matrix-SH Weight: 115 lb FT = 20%F, 11%E LUMBER- TOP CHORD 2x4 SP No.1(flat) BRACING- TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. BRACING- TOP CHORD WEBS 2x4 SP No.3(flat) BTO CHORD Rigid ceilling directly applied or 6-0-0 oc bracing. REACTIONS. (bisze) 25=384/0-7-8 (min. 0-1-8), 12=641/0-4-6 (min. 0-1-8), 18=1653/0-4-8 (min. 0-1-8) Max Grav 25=405(LC 3), 12=702(LC 4), 18=1653(LC 1) BTO CHORD Rigid ceilling directly applied or 6-0-0 oc bracing. FORCES. (b) - Max Comp./Max. Ten All forces 250 (b) or less except when shown. TOP CHORD 1-25=-400(0, 1-12=-780/0, 1-22=707/114), 2-2=-210/380, 18-19=-1296/0, 17-18=-1305/0, 16-17=-567/339, 15-16=-567/339, 14-15=-228/724, 13-14=-42/604 WEBS 7-18=-1624/0, 1-24=0/613, 2-24=-551/0, 5-228/724, 13-14=-42/604 WEBS 7-18=-162/0, 1-24=0/613, 2-24=-551/0, 5-20=-474/0, 6-20=0/491, 6-19=-793/0, 7-19=0/907, 7-17=0/704, 8-17=-653/0, 8-15=-0/363, 9-15=-331/0, 10-13=-387/39, 11-13=14/2604 Structural wood sheat been considered for this design. 1) Lonbalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastenete to each t	TCDL 10.0	Lumber DOL 1.0	0 BC 0.28	Vert(CT) -0.08	22 >9	999 360	IVI I ZI	0 244/190
TOP CHORD 2x4 SP No.1(flat) TOP CHORD models and the second s				Horz(CT) 0.01	18	n/a n/a	Weig	ght: 115 lb FT = 20%F, 11%E
BOT CHORD 2x4 SP No.1(flat) end verticals. WEBS 2x4 SP No.3(flat) BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. REACTIONS. (lb/size) 25=384/0-7-8 (min. 0-1-8), 12=641/0-4-6 (min. 0-1-8), 18=1653/0-4-8 (min. 0-1-8) Max Grav 25=405(LC 3), 12=702(LC 4), 18=1653(LC 1) FORCES. (lb) Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 1-25=-400/0, 11-12=-700/0, 1-2=-517/0, 2-3=-1144/0, 3-4=-1217/0, 4-5=-1217/0, 5-6=-750/59, 6-7=0/514, 7-8=0/779, 8-9=-544/384, 9-10=-676/123, 10-11=-278/10 BOT CHORD 23-24-09(96, 22-23=-01/111, 20-21=0/1111, 19-20=-210/380, 18-19=-1296/0, 17-18=-1305/0, 16-17=-567/339, 15-16=-567/339, 14-15=-228/724, 13-14=-42/604 WEBS 7-18=-1624/0, 1-24-01/245, 11-22-071111, 20-21=0/1111, 19-20=-210/380, 18-19=-1296/0, 7-17=0/704, 8-17=-653/0, 8-15=-03/63, 9-15=-331/0, 10-13=-397/39, 11-13=-14/368 NOTES- (5) 1) Unbalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CADT CASE(S) Standard 1) Dead + Floor Live (Daakned): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pl)	LUMBER-			BRACING-				
WEBS 2x4 SP No.3(flat) BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. REACTIONS. (lb/size) 25=384/0-7-8 (min. 0-1-8), 12=641/0-4-6 (min. 0-1-8), 18=1653/0-4-8 (min. 0-1-8) Max Grav25=405(LC 3), 12=702(LC 4), 18=1653(LC 1) FORCES. (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 1-25=-400/0, 1-12=-700/0, 1-2=-517/0, 2-3=-1144/0, 3-4=-1217/0, 4-5=-1217/0, 5-6=-750/59, 6-7=0/514, 7-8=0/779, 8-9=-544/384, 9-10=-676/123, 10-11=-278/10 BOT CHORD 23-24=0/069, 22-23=0/1296, 21-22=0/1111, 20-21=0/1111, 19-20=-210/380, 18-19=-1296/0, 17-18=-1305/0, 16-17=-567/339, 15-6=567/339, 14-15=-2272/4, 13-14=-42/604 WEBS 7-18=-1624/0, 1-24=0/613, 2-24=-551/0, 5-20=-474/0, 6-20=0/491, 6-19=-793/0, 7-19=0/907, 7-17=0/704, 8-17=-653/0, 8-15=0/363, 9-15=-331/0, 10-13=-397/39, 11-13=-14/368 NOTESS= (5) 1) Unbalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (lb) Vert: 12:25=-7, 1-11=-67 Concentrated Loads (lb) <				TOP CHORD			ng directly appl	lied or 6-0-0 oc purlins, except
Max Grav 25=405(LC 3), 12=702(LC 4), 18=1653(LC 1) FORCES. (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 1-25=-400/0, 11-12=-700/0, 1-2=-517/0, 2-3=-1144/0, 3-4=-1217/0, 4-5=-1217/0, 5-6=-750/59, 6-7=0/514, 7-8=0/779, 8-9=-544/384, 9-10=-676/123, 10-11=-278/10 BOT CHORD 23-24=0/969, 22-23=0/1296, 21-22=0/1111, 20-21=0/1111, 19-20=-210/380, 18-19=-1296/0, 17-18=-1305/0, 16-17=-567/339, 15-16=-567/339, 14-15=-228/724, 13-14=-42/604 WEBS 7-18=-1624/0, 1-24=0/613, 2-24=-551/0, 5-20=-474/0, 6-20=0/491, 6-19=-793/0, 7-19=0/907, 7-17=0/704, 8-17=-653/0, 8-15=0/363, 9-15=-331/0, 10-13=-397/39, 11-13=-14/368 NOTES- (5) 1) Unbalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (b)				BOT CHORD			blied or 6-0-0 o	c bracing.
FORCES. (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 1.25=-400/0, 11-12=-700/0, 1-2=-517/0, 2-3=-1144/0, 3-4=-1217/0, 4-5=-1217/0, 5-6=-750/59, 6-7=0/514, 7-8=0/779, 8-9=-544/384, 9-10=-676/123, 10-11=-278/10 BOT CHORD 2.3-24=0/369, 22-23=0/11296, 21-22=0/1111, 20-21=0/1111, 19-20=-210/380, 18-19=-1296/0, 17-18=-1305/0, 16-17=-567/399, 14-15=-228/724, 13-14=-42/604 WEBS 7-18=-1624/0, 1-24=0/613, 2-24=-551/0, 5-20=-474/0, 6-20=0/491, 6-19=-793/0, 7-19=0/907, 7-17=0/704, 8-17=-653/0, 8-15=-0/363, 9-15=-331/0, 10-13=-397/39, 11-13=-14/368 NOTES- (5) 1) Unbalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-255=-7, 1-11=-67 Concentrated Loads (b)				1653/0-4-8 (min. 0-1-	8)			
TOP CHORD 1-25=-400/0, 11-12=-700/0, 1-2=-517/0, 2-3=-1144/0, 3-4=-1217/0, 4-5=-1217/0, 5-6=-750/59, 6-7=0/514, 7-8=0/779, 8-9=-544/384, 9-10=-676/123, 10-11=-278/10 BOT CHORD 23-24-0/969, 22-23=0/1296, 21-22=-0/1111, 20-21=0/1111, 19-20=-210/380, 18-19=-1296/0, 17-18=-1305/0, 16-17=-567/339, 15-16=-567/339, 14-15=-228/724, 13-14=-42/604 WEBS 7-18=-1624/0, 1-24=0/613, 2-24=-551/0, 5-20=-474/0, 6-20=-0/491, 6-19=-793/0, 7-19=0/907, 7-17=0/704, 8-17=-653/0, 8-15=-0/363, 9-15=-331/0, 10-13=-397/39, 11-13=-14/368 NOTES- (5) 1) Unbalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-225=-7, 1.11=-67 Concentrated Loads (lb)			,, , , , , , , , , , , , , , , , , , ,					
 BOT CHORD 23-24=0/969, 22-23=0/1296, 21-22=0/1111, 20-21=0/1111, 19-20=-210/380, 18-19=-1296/0, 17-18=-1305/0, 16-17=-567/339, 15-16=-567/339, 14-15=-228/724, 13-14=-42/604 WEBS 7-18=-1624/0, 1-24=0/613, 2-24=-551/0, 5-20=-474/0, 6-20=0/491, 6-19=-793/0, 7-19=0/907, 7-17=0/704, 8-17=-653/0, 8-15=0/363, 9-15=-331/0, 10-13=-397/39, 11-13=-14/368 NOTES- (5) Unbalanced floor live loads have been considered for this design. 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. 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. CAUTION, Do not erect truss backwards. LOAD CASE(S) Standard Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) 	TOP CHORD 1-25=	-400/0, 11-12=-700/0, 1-2=-5	517/0, 2-3=-1144/0, 3-4=-1217/0, 4		/59, 6-7=0/	/514, 7-8=0/77	' 9,	
 16-17=-567/339, 15-16=-567/339, 14-15=-228/724, 13-14=-42/604 WEBS 7-18=-1624/0, 1-24=-0/613, 2-24=-551/0, 5-20=-474/0, 6-20=0/491, 6-19=-793/0, 7-19=0/907, 7-17=0/704, 8-17=-653/0, 8-15=0/363, 9-15=-331/0, 10-13=-397/39, 11-13=-14/368 NOTES- (5) 1) Unbalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) 				10/380. 18-19=-1296	/0. 17-18=-	-1305/0.		
 8-15=0/363, 9-15=-331/0, 10-13=-397/39, 11-13=-14/368 NOTES- (5) Unbalanced floor live loads have been considered for this design. 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. 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. CAUTION, Do not erect truss backwards. LOAD CASE(S) Standard Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pl) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) 	16-17	=-567/339, 15-16=-567/339,	14-15=-228/724, 13-14=-42/604	,		,	53/0	
 Unbalanced floor live loads have been considered for this design. 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. 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. CAUTION, Do not erect truss backwards. LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb)				-19195/0, 1-19-0/9	07, 7-17-0	///04, 0-1/0	5570,	
 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pl) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb)								
 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) Standard Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) 				w loads to verify that t	hey are co	prrect for the in	tended	
be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb)		rongbacks on edge spaced	at 10-0-0 oc and fastened to each	n truss with 3-10d (0 1	- 31" X 3") r	nails Strongb	acks to	
LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb)	be attached to walls	at their outer ends or restrai				iano: orongo		
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb)	,							
Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) Vert: 7=-600 11=-400 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) Vert: 7=-600 11=-400 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: 7=-600 11=-400 10/29/2024			=1.00, Plate Increase=1.00					
Concentrated Loads (lb) Vert: 7=-600 11=-400 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) Vert: 7=-600 11=-400 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: 7=-600 11=-400 10/29/2024		=-7, 1-11=-67						ALL HILLING (Jack
2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) Vert: 7=-600 11=-400 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: 7=-600 11=-400 10/29/2024	Concentrated Loads	s (lb)					utiting.	TH CAROLINI
Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) Vert: 7=-600 11=-400 3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-7=-67, 7-11=-13 Concentrated Loads (lb) Vert: 7=-600 11=-400 10/29/2024	2) Dead: Lumber Incre		00				in the	OFESSIONS
Concentrated Loads (lb) Vert: 7=-600 11=-400 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: 7=-600 11=-400 10/29/2024	Vert: 12-25=						The	SEAL
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: 7=-600 11=-400 10/29/2024							11111	28147
Vert: 12-25=-7, 1-7=-67, 7-11=-13 Concentrated Loads (lb) Vert: 7=-600 11=-400 10/29/2024	3) 1st Dead + Floor Liv		rease=1.00, Plate Increase=1.00				All Internet	
Vert: 7=-600 11=-400 10/29/2024	Vert: 12-25						THE AP	VOINEE ORS INT
10/29/2024							591111	K. Monum
								10/29/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0026 HONEYCUTT HILLS 437 ADAMS POINTE COURT ANGIER, NC
24-9455-F01	F1-08	Floor	3	1	Job Reference (optional) # 53753
					it: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Oct 29 22:59:04 2024 Page 2 ?SHK4thzkcYI-bDJngi7bJE5oMap9yyPSjAf5Z3zzEt9qJCcznAyOQU5

LOAD CASE(S) Standard

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



Job	Truss	Truss Type	Qty Ply	LOT 0.0026 HONEYCUTT HILLS 43	7 ADAMS POINTE COURT ANGIER, NO
24-9455-F01	F1-09	Floor Supported Gable	1	1 Job Reference (optional)	# 53753
			Run: 8.630 s Jul 12 2024 ID:5fxLxLn?C6dWjia	I Print: 8.630 s Jul 12 2024 MiTek Industrie a?SHK4thzkcYI-4QtAt28D4YDf_jOLW	s, Inc. Tue Oct 29 22:59:05 2024 Page 1 fwhGNCKhTNSzPd_YsLXJdyOQU4
					Scale = 1:37.3
		1.5x3			
3x4 1.5x3 1.	5x3 1.5x3 1.5x3	3x8 FP= 1.5x3 1.5x3 3x4	↓= 1.5x3 1.5x3 1.5	x3 1.5x3 1.5x3 1.5x3	1.5x3 1.5x3 3x4
	3 4 5	<u>678910</u>	11 12 1	3 14 15 16 12	17 18 19
		ST1 ST1 ST1 ST1	W2 ST1 ST1 S	1 ST1 ST1 ST1	
	36 35 34	33 32 31 30	29 28 27 2	6 25 24 23	22 21 20
		1.5x3 1.5x3 1.5x3 1.5x3			
			1.5x3 1.5		

Plate Offsets (X,Y)	22-9-2 22-9-2 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- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code 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	a - n/a 999	PLATES GRIP MT20 244/190 Weight: 92 lb FT = 20%F, 11%E		
			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly applie	directly applied or 10-0-0 oc purlins, except d or 10-0-0 oc bracing.		

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)

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



Heads Prod	Job	Truss	Truss Type	Qty Ply	LOT 0.0026 HONEYCUTT HILI	_S 437 ADAMS POINTE COURT ANGIER, NC
$\frac{1}{100} = \frac{1}{100} = \frac{1}$					1	
$\frac{1}{10}$				Run: 8.630 s Jul 12 2024	Job Reference (optional) Print: 8.630 s Jul 12 2024 MiTek Inc HK4tbzkcYI-00 wlkATb9TND1	
$\frac{160}{100} + \frac{34}{23} + \frac{34}{24} + $	0-1-8			ib.okeken: oodrija.o		
$\frac{160}{100} + \frac{34}{23} + \frac{34}{24} + $	H ⊢1-3-0			1-4-8		0-10-12 Scale = 1:38.2
1.50 = 34 = 34 = 34 = 34 = 34 = 34 = 34 = 3						
1.50 = 34 = 34 = 34 = 34 = 34 = 34 = 34 = 3						
1.50 = 34 = 34 = 34 = 34 = 34 = 34 = 34 = 3						
1 2 1 3 4 5 8 7 72 9 9 27 10 11 10 11 10		3×4 — 3×4 —			3×4 — 3×4 —	3×1
•••••••••••••••••••••••••••••				7	8 9	
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $				et zes		W W
$\begin{array}{cccccccccccccccccccccccccccccccccccc$			B1 B1			
UPUBER Example TOP CHORD 24 SP No.1(flet) TOP CHORD 25 Status	25 24	23	22 21 20	19 18 17	16 15	14 13 12
Image: here Image: here <td>3x4 3x4</td> <td>= 3x4 =</td> <td>3x4 = 1.5x3 3x4 =</td> <td>4x4 = 3x4 4x4 =</td> <td></td> <td>3x4 = 3x4 = 3x4 ⊨</td>	3x4 3x4	= 3x4 =	3x4 = 1.5x3 3x4 =	4x4 = 3x4 4x4 =		3x4 = 3x4 = 3x4 ⊨
Integration Integration <thintegration< th=""> <thintegration< th=""></thintegration<></thintegration<>					3X4 —	
Integration Integration <thintegration< th=""> <thintegration< th=""></thintegration<></thintegration<>						
Integration Integration <thintegration< th=""> <thintegration< th=""></thintegration<></thintegration<>						
Integration Integration <thintegration< th=""> <thintegration< th=""></thintegration<></thintegration<>						
Plate Offsets (X,Y)- [25:Edge,0-1:8] Concent of the second of the secon						
TCLL 40.0 Plate Grip DOL 1.00 TC 0.99 Vert(C1) -0.06 22 >999 360 BCDL 5.0 Rep Stress Incr NO WB 0.46 Horz(CT) 0.01 12 999 360 BCDL 5.0 Code IRC2021/TPI2014 Matrix-SH BRACING- TOP CHORD 2x4 SP No.1(flat) Weight: 115 lb FT = 20%F, 11%E LUMBER TOP CHORD 2x4 SP No.1(flat) BTOL 100, 01112 BRACING- TOP CHORD 2x4 SP No.1(flat) BOT CHORD 12x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat) BOT CHORD 12x4 SP No.1(flat) BOT CHORD 11x2-480(flot, 12x-4390), 23-1070(0), 45- BOT CHORD 11x2-480(flot, 12x-4390), 23-1070(0), 45- 1295/0, 45- 56- 578/232, 6-70732, 7-8-07332, 7-8-07330, 11-22-480(flot, 12x-4390), 231070(0), 45- 1095/0, 5-6- 578/232, 6-70732, 7-8-0733, 9-931(0), 9-27- 1270/0, 10-271297/0, 10-27- 1297/0, 10-27- 1297/0, 10-27- 1297/0, 10-27- 1297/0, 10-27- 1297/0, 10-27- 1297/0, 10-27- 1297/0, 10-27- 1297/0, 10-27- 1297/0, 10-27- 1297/0, 10-27- 1297/0, 10-27-			2-7-8 2-1	D-U 1-6-U 1-4-8	2-6-0 2-6-0	2-6-0 1-1-12
TCDL 10.0 Lumber DOL 1.00 BC 0.31 Vert(2T) -0.07 22 >999 360 BCDL 5.0 Rep Stress Incr NO WB 0.46 Matrix-SH Weight: 115 lb FT = 20%F, 11%E LUMBER. TOP CHORD 2x4 SP No.1(flat) TOP CHORD Structural wood sheathing directly applied or 4-8-11 oc purlins, except end verticals. BRACING- TOP CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. WEBS 2x4 SP No.3(flat) BT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. REACTIONS. (Ibisize) 25=363/0.7-8 (min. 0-1-8), 12=427/0-4-8 (min. 0-1-8), 18=1820/0-4-8 (min. 0-1-8) BT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. REACTIONS. (Ibisize) 25=363/0.7-8 (min. 0-1-8), 12=427/0-4-8 (min. 0-1-8), 18=1820/0-4-8 (min. 0-1-8) BT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. FORCES. (Ib) Max Garv25=384(LC 3), 12=489(0, 1-22=493(0, 2-3=-1070/0, 3-4=-1095/0, 4-5=-1095/0, 5-6=-578/232, 6-710732, 7-8010/38, 9-981/0, 9-27=-1297/0, 10-27=-1297/0, 10-11=-527/0, 10-11=-527/0, 10-11=-527/0, 10-11=-527/0, 10-11=-527/0, 10-11=-527/0, 10-11=-527/0, 10-11=-527/0, 10-27=-1297/0, 10-27=-1297/0, 10-27=-1297/0, 10-27=-1297/0, 10-27=-1297/0, 10-27=-1297/0, 10-27=-1297/0, 10-27=-1297/0, 10-27=-1297/0, 10-27=-1297/0, 10-27=-1297/0, 10-11=-5137/0, 17-18=-1546/0, 1						
BCDL 5.0 Code IRC2021/TPI2014 Matrix-SH Weight: 115 lb FT = 20%F, 11%E LUMBER. TOP CHORD Zx4 SP No.1(flat) BOT CHORD BRACING. Zx4 SP No.3(flat) TOP CHORD Zx4 SP No.3(flat) Weight: 115 lb FT = 20%F, 11%E WEBS Zx4 SP No.3(flat) TOP CHORD Xx4 SP No.3(flat) BRACING. TOP CHORD Max Grav 25-384(LC 3), 12=427/0.4-8 (min. 0-1-8), 18=1820/0.4-8 (min. 0-1-8) Max Grav 25-384(LC 3), 12=489(0, 1-2#-0490, 0-18), 18=1820/0.4-8 (min. 0-1-8) Max Grav 25-384(LC 3), 12=489(0, 1-2#-0490, 0-14-5E, 1095/0, 4-5=-1095/0, 5-6=-578/232, 6-720/732, 74=0/803, 80=-981/0, 927=-1297/10, 10-11=-256/0 FORCES. (b) - Max. Comp./Max. Ten All forces 250 (b) or less except when shown. TOP CHORD 25-26=-380/0, 1-28=-380/0, 1-12=-489(0, 1-22=-499/0, 0-11=-250/0) 4-5=-1095/0, 5-6=-578/232, 6-720/732, 74=0/803, 80=-981/0, 927=-1297/10, 10-11=-250/0 BOT CHORD 23-24=0/917, 22-23=0/1198, 21-22=-72/965, 20-21=-72/965, 19-20=-409/183, 18-19=-1537/0, 17-18=-1546/0, 16-17=-392/513, 14-15=-01/620, 0-224=-518/0, 10-13=-762/0, 11-13=-0691 Notes- 8-15=-0/683, 9-15=-651/0, 10-13=-762/0, 11-13=-0691 NOTES- (6) I) Ubalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 c and fastened to each truss with 3-10d (0.131* X 3*) nails. Strongbacks to be attached to walls at their outer ends or restralined by other means. 4) CAUTION. Do not erect truss	TCDL 10.0	Lumber DOL	1.00 BC 0.31	Vert(CT) -0.07 22		MT20 244/190
TOP CHORD 2x4 SP No.1(flat) TOP CHORD Structural wood sheathing directly applied or 4-8-11 oc purlins, except end verticals. BOT CHORD 2x4 SP No.1(flat) BOT BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. REACTIONS. (lb/size) 25=363/0-7-8 (min. 0-1-8), 12=427/0-4-8 (min. 0-1-8), 18=1820/0-4-8 (min. 0-1-8). Rigid ceiling directly applied or 6-0-0 oc bracing. FORCES. (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. -0.1-8. TOP CHORD 25-26=-380/0, 1-26=-380/0, 11-12=-486/0, 1-2-493/0, 2-3=-1070/0, 34=-1095/0, 4-5=-1095/0, 5-6=-578/232, 6-769/732, 7-860/803, 8-9-891/0, 10-27=-1297/0, 10.27				Horz(CT) 0.01 12		Weight: 115 lb FT = 20%F, 11%E
BOT CHORD 2x4 SP No.1(flat) end verticals. end verticals. WEBS 2x4 SP No.3(flat) BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. REACTIONS. (lb/size) 25=363/0-7-8 (min. 0-1-8), 12=427/0-4-8 (min. 0-1-8), 18=1820/0-4-8 (min. 0-1-8) Max Grav 25=384(LC 3), 12=489(LC 4), 18=1820(LC 1) Reactions. FORCES. (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 25-26=-380/0, 1-12=-486/0, 1-2=-493/0, 2-3=-1070/0, 3-4=-1095/0, 5-6=-578/232, 6-7=0/732, 7-8=0/803, 8-9=-981/0, 9-27=-1297/0, 10-27=-1297/0, 10-11=-525/0 BOT CHORD 23-24=0/917, 22-23=01198, 21-22=-72/965, 19-20=-409/183, 18-19=-1537/0, 17-18=-1546/0, 16-17=-392/513, 15-16=-392/513, 14-15=-01424, 13-14=0/1149 WEBS 7-18=-01560, 2-24=-518/0, 5-20==-505/0, 6-20=0/522, 6-19=-819/0, 7-19=0/932, 7-17=-09/61, 8-17=-896/0, 8-15=-0683, 9-15=-651/0, 10-13=-762/0, 11-13=-0/691 NOTES- (5) 1) Unbalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131* X 3*) nails. Strongbacks to be attached to walls at their outer ends or restarined by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 <t< td=""><td>LUMBER-</td><td></td><td></td><td>BRACING-</td><td></td><td></td></t<>	LUMBER-			BRACING-		
REACTIONS. (lb/size) 25=363/0-7-8 (min. 0-1-8), 12=427/0-4-8 (min. 0-1-8), 18=1820/0-4-8 (min. 0-1-8) Max Grav 25=384(LC 3), 12=489(LC 4), 18=1820(LC 1) FORCES. (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 25-26=-380/0, 1-26=-380/0, 1-12=-483(0, 1-2=-493(0, 2-3=-1070/0, 3-4=-1095/0, 4-5=-1095/0, 5-6=-578/232, 6-7=0/732, 7-8=0/803, 8-9=-981/0, 9-27=-1297/0, 10-27=-1297/0, 10-11=-525/0 BOT CHORD 23-24=0/917, 22-23=0/1198, 21-22=-72/965, 19-20=-409/183, 18-19=-1537/0, 17-18=-1546/0, 16-17=-392/513, 15-16=-392/513, 14-15=0/1424, 13-14=0/1149 WEBS 7-18=-1788/0, 1-24=0/560, 2-24=-518/0, 5-20=-505/0, 6-20=0/522, 6-19=-819/0, 7-19=0/932, 7-17=0/961, 8-17=-896/0, 8-15=0/683, 9-15=-651/0, 10-13=-762/0, 11-13=0/691 NOTES- (5) 1) Unbalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=67 Vert: 12-25=-7, 1-11=-67						applied or 4-8-11 oc purlins, except
Max Grav 25=384(LC 3), 12=489(LC 4), 18=1820(LC 1) FORCES. (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 25-26=-380/0, 1-26=-380/0, 11-12=-486/0, 1-2=-493/0, 2-3=-1070/0, 3-4=-1095/0, 4-5=-1095/0, 5-6=-578/232, 6-7=0/732, 7-8=0/803, 8-9=-981/0, 9-27=-1297/0, 10-27=-1297/0, 10-11=-525/0 BOT CHORD 22-24=0/917, 22-23=0/1198, 21-22=-72/965, 19-20=-409/183, 18-19=-1537/0, 17-18=-1546/0, 16-17=-392/513, 15-16=-392/513, 14-15=0/1424, 13-14=0/1149 WEBS 7-18=-1788/0, 1-24=0/560, 2-24=-518/0, 5-20=-505/0, 6-20=0/522, 6-19=-819/0, 7-19=0/932, 7-17=0/961, 8-17=-896/0, 8-15=0/683, 9-15=-651/0, 10-13=-762/0, 11-13=0/691 NOTES- (5) 1) Unbalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (b)	WEBS 2x4 S	P No.3(flat)		BOT CHORD Rigid	ceiling directly applied or 6-0	0-0 oc bracing.
FORCES. (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 25-26=-380/0, 1-26=-380/0, 11-12=-486/0, 1-2=-493/0, 2-3=-1070/0, 3-4=-1095/0, 4-5=-1095/0, 5-6=-578/232, 6-7=0/732, 7-8=0/803, 8-9=-981/0, 9-27=-1297/0, 10-17=-525/0 BOT CHORD 23-24=0/917, 22-23=0/1198, 21-22=-72/965, 20-21=-72/965, 19-20=-409/183, 18-19=-1537/0, 17-18=-1546/0, 16-17=-392/513, 15-16=-392/513, 13-16=0/1424, 13-14=0/1149 WEBS 7-18=-1788/0, 1-24=0/560, 2-24=-518/0, 5-20=-505/0, 6-20=0/522, 6-19=-819/0, 7-19=0/932, 7-17=0/961, 8-17=-896/0, 8-15=-0/683, 9-15=-651/0, 10-13=-762/0, 11-13=-0/691 NOTES- (5) 1) Unbalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) 1) Uniform Loads (plf) Vert: 12-25=-7, 1.11=-67 Concentrated Loads (lb)				18=1820/0-4-8 (min. 0-1-8)		
TOP CHORD 25-26=-380/0, 1-26=-380/0, 11-12=-488/0, 1-2=-493/0, 2-3=-1070/0, 3-4=-1095/0, 4-5=-1095/0, 5-6=-578/232, 6-7=0/732, 7-8=0/803, 8-9=-981/0, 9-27=-1297/0, 10-27=-1297/0, 10-11=-525/0 BOT CHORD 23-24=0/917, 22-23=0/1198, 21-22=-72/965, 20-21=-72/965, 19-20=-409/183, 18-19=-1537/0, 17-18=-1546/0, 16-17=-392/513, 15-16=-392/513, 14-15=0/1424, 13-14=0/1149 WEBS 7-18=-1788/0, 1-24=0/560, 2-24=-518/0, 5-20=-505/0, 6-20=0/522, 6-19=-819/0, 7-19=0/932, 7-17=0/961, 8-17=-896/0, 8-15=0/683, 9-15=-651/0, 10-13=-762/0, 11-13=0/691 NOTES- (5) 1) Unbalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pif) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (bb)				shown		
 BOT CHORD 23-24=0/917, 22-23=0/1198, 21-22=-72/965, 20-21=-72/965, 19-20=-409/183, 18-19=-1537/0, 17-18=-1546/0, 16-17=-392/513, 15-16=-392/513, 14-15=0/1424, 13-14=0/1149 WEBS 7-18=-1788/0, 1-24=0/560, 2-24=-518/0, 5-20=-505/0, 6-20=0/522, 6-19=-819/0, 7-19=0/932, 7-17=0/961, 8-17=-896/0, 8-15=0/683, 9-15=-651/0, 10-13=-762/0, 11-13=0/691 NOTES- (5) Unbalanced floor live loads have been considered for this design. 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. 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. CAUTION, Do not erect truss backwards. LOAD CASE(S) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) 	TOP CHORD 25-2	6=-380/0, 1-26=-380/0, 11-	12=-486/0, 1-2=-493/0, 2-3=-107	0/0, 3-4=-1095/0, 4-5=-1095/0, 5	5-6=-578/232,	
 WEBS 7-18=-1788/0, 1-24=0/560, 2-24=-518/0, 5-20=-505/0, 6-20=0/522, 6-19=-819/0, 7-19=0/932, 7-17=0/961, 8-17=-896/0, 8-15=0/683, 9-15=-651/0, 10-13=-762/0, 11-13=0/691 NOTES- (5) Unbalanced floor live loads have been considered for this design. 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. 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. CAUTION, Do not erect truss backwards. LOAD CASE(S) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (b) 	BOT CHORD 23-2	4=0/917, 22-23=0/1198, 21	-22=-72/965, 20-21=-72/965, 19	-20=-409/183, 18-19=-1537/0, 17	7-18=-1546/0,	
 NOTES- (5) 1) Unbalanced floor live loads have been considered for this design. 2) 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. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) 	WEBS 7-18	=-1788/0, 1-24=0/560, 2-24	=-518/0, 5-20=-505/0, 6-20=0/52		7=0/961, 8-17=-896/0,	
 Unbalanced floor live loads have been considered for this design. 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. 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. CAUTION, Do not erect truss backwards. LOAD CASE(S) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) Concentrated Loads (lb)		5=0/683, 9-15=-651/0, 10-13	3=-762/0, 11-13=0/691			
 use of this truss. 3) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) 		live loads have been consid	ered for this design.			
be attached to walls at their outer ends or restrained by other means. 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb)		3, 4, 5, 6 has/have been m	odified. Building designer must r	eview loads to verify that they are	e correct for the intended	
 4) CAUTION, Do not erect truss backwards. LOAD CASE(S) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) 				each truss with 3-10d (0.131" X	3") nails. Strongbacks to	
1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb)						
 In Dead + Floot Eve (unbalanced): Lumber Increase=1:00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (plf) Vert: 7=-600 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: 7=-600 27=-335 ID/29/2024 		(balanced): Lumber Increase	na-1.00 Plata Ingrassa-1.00			
Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) Vert: 7=-600 27=-335 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 7=-600 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: 7=-600 27=-335 10/29/2024	Uniform Loads (pl	f)	e-1.00, Flate Increase-1.00			multin
Vert: 7=-600 27=-335 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) Vert: 7=-600 27=-335 3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-7=-67, 7-11=-13 Concentrated Loads (lb) Vert: 7=-600 27=-335 10/29/2024	Concentrated Loa	ds (lb)				MUMATH CARO
Uniform Loads (plf) Vert: 12-25=-7, 1-11=-67 Concentrated Loads (lb) Vert: 7=-600 27=-335 3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00 Uniform Loads (plf) Vert: 12-25=-7, 1-7=-67, 7-11=-13 Concentrated Loads (lb) Vert: 7=-600 27=-335 10/29/2024			=1.00		in the second	OFESSION
Concentrated Loads (lb) Vert: 7=-600 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: 7=-600 27=-335 10/29/2024					unu .	FAL
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: 7=-600 27=-335 10/29/2024	Concentrated Loa	ds (lb)				28147
Vert: 12-25=-7, 1-7=-67, 7-11=-13 Concentrated Loads (lb) Vert: 7=-600 27=-335 10/29/2024	3) 1st Dead + Floor I	_ive (unbalanced): Lumber I	ncrease=1.00, Plate Increase=1	.00	Ann	
Vert: 7=-600 27=-335 10/29/2024	Vert: 12-2	5=-7, 1-7=-67, 7-11=-13			min	A NOINEER OR SUIT
10/29/2024						Man K. MORINA
						10/29/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0026 HONEYCUTT HILLS 437 ADAMS POINTE COURT ANGIER, NO
24-9455-F01	F1-10	Floor	6	1	Job Reference (optional) # 53753
					t: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Oct 29 22:59:07 2024 Page 2 4thzkcYI-0o_wlkATb9TND1Ykd4y9LoHSnG?GRCVG0AqdOVyOQU2

LOAD CASE(S)

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 LOT	0.0026 HONEYCUTT HILL	S 437 ADAMS POINTE COURT ANGIER, NO		
24-9455-F01	F1-11	Floor	3	1 Job	Reference (optional)	# 53753		
0-1-8 H├─ <u>1-3-0</u>			Run: 8.630 s Jul 1 ID:5fxLxLn?C6	12 2024 Print: 8.63	30 s Jul 12 2024 MiTek Indu	ustries, Inc. Tue Oct 29 22:59:08 2024 Page 1 B7wBnTOt0qoAgLIAg8QEqaBwyyOQU1 <u>ρ-10-12</u> Scale = 1:38.2		
3x4 = 1.5x3 = 1 260 25 24 $3x4 \parallel$ $3x4 =$		3x8 = 3x8 FP = $3x44 5 63x8 FP =$ $3x44 5 63x4 =22 21 203x4 = 1.5x3 \parallel 3x4 =$	4 = 3x8 = 7 7 19 19 4x4 = 3x4	3x4 T2 8 17 16 3x4 = 3x8	9	3x4 = 3x6 = 10 11 0 11 0 11 0 0 0		
Image: 1-6-0 1-6-0 Plate Offsets (X,Y) [2] LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	TC 0.31 BC 0.25 WB 0.43		3 2-6-0	L/d H 480 N 360 n/a	22-0-0 23-1-12 2-6-0 1-1-12 PLATES GRIP MT20 244/190		
	lo.1(flat) lo.3(flat)		BRACING- TOP CHORD BOT CHORD	end verticals. Rigid ceiling	od sheathing directly	Weight: 115 lb FT = 20%F, 11%E applied or 6-0-0 oc purlins, except -0 oc bracing.		
Max Gra FORCES. (lb) - Max. C TOP CHORD 25-26= 6-7=0/5 BOT CHORD 23-24= 16-17= WEBS 7-18=- 8-15=0 NOTES- (4) 1) Unbalanced floor live 2) Recommend 2x6 stro be attached to walls a	WEBS 2x4 SP No.3(flat) BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. REACTIONS. (Ib/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) Max Grav 25=400(LC 3), 12=303(LC 4), 18=1054(LC 1) Rigid ceiling directly applied or 6-0-0 oc bracing. FORCES. (Ib) - Max. Comp./Max. Ten All forces 250 (Ib) or less except when shown. TOP CHORD 25-26=-397/0, 1-26=-396/0, 11-12=-301/0, 1-2=-519/0, 2-3=-1143/0, 3-4=-1216/0, 4-5=-1216/0, 5-6=-748/62, 6-7=0/516, 7-8=0/778, 8-9=-545/384, 9-10=-678/123, 10-11=-281/10 BOT CHORD 23-24=0/967, 22-23=0/1295, 21-22=0/1109, 20-21=0/1109, 19-20=-213/379, 18-19=-1300/0, 17-18=-1306/0, 16-17=-566/339, 15-16=-566/339, 14-15=-228/726, 13-14=-42/607 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, 7-19=0/909, 7-17=0/706, 8-17=-653/0, 8-15=0/363, 9-15=-332/0, 10-13=-397/39, 11-13=-13/371							

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty Ply	LOT 0.0026 HONEYCUT	TT HILLS 437 ADAMS POINTE COURT ANGIER, NC
24-9455-F01	F1-12	Floor	2	1 Job Reference (optior	# 53753
			Run: 8.630 s Jul 12 2024 ID:5fxLxLn?C6dWji	Print: 8.630 s Jul 12 2024 Mi	Tek Industries, Inc. Tue Oct 29 22:59:09 2024 Page 1 k7mj4SLi6IV?dQDMyy4gEv64ZTTJkSOyOQU0
1-3-0			1-5-4		<u>1-5-12</u> 0 <mark>13-</mark> 8
					Scale = 1:38.0
		3x8 =			4x6 =
3x6 = 1	3x4 = 3x4 = 2	3x8 FP= 3x4 = 4 5 6	3x8 = 7		x4 = 3x4 = 3x4 10 11 12vg3
			Wa	<u>T2</u>	
		B 1 B 1			
	25	24 23 22	21 20 19	18 17	16 15 14
$3x4 \parallel 3x4 =$		3x4 = 1.5x3 3x4 =	$3x6 = 3x4 \parallel 3x4 =$		3x4 = 3x6 =
					4x6 =
		13-2-4 13-2-4		22-6-8 9-4-4	23-2-8 0-8-0
Plate Offsets (X,Y) [1	4:Edge,0-1-8], [27:Edge,0-1	1-8]			
LOADING (psf) TCLL 40.0	SPACING- 1-4 Plate Grip DOL 1.0		DEFL. in (loc) Vert(LL) -0.06 24		PLATES GRIP MT20 244/190
TCDL 10.0	Lumber DOL 1.0	0 BC 0.27	Vert(CT) -0.08 24	>999 360	W120 244/100
BCLL 0.0 BCDL 5.0	Rep Stress Incr N Code IRC2021/TPI201		Horz(CT) 0.01 14	n/an/a	Weight: 119 lb FT = 20%F, 11%E
LUMBER-			BRACING-	I	
TOP CHORD 2x4 SP I BOT CHORD 2x4 SP I				tural wood sheathing di verticals.	rectly applied or 6-0-0 oc purlins, except
WEBS 2x4 SP I	No.3(flat)		BOT CHORD Rigid	ceiling directly applied	or 6-0-0 oc bracing.
	27=379/0-4-8 (min. 0-1-8 av 27=400(LC 3), 20=1121(L), 20=1121/0-4-8 (min. 0-1-8), 14	=1049/0-4-8 (min. 0-1-8)		
TOP CHORD 1-27=-	395/0, 1-2=-509/0, 2-3=-112	250 (lb) or less except when sho 22/0, 3-4=-1180/0, 4-5=-1180/0, 5-	6=-698/127,		
		24, 9-10=-718/224, 10-11=-978/0, 4=0/1066, 22-23=0/1066, 21-22=-2			
		7-18=-513/394, 16-17=0/960, 15- 542/0, 5-22=-483/0, 6-22=0/499, 6			
7-21=0		4/0, 8-17=0/514, 10-17=-399/0, 1			
	1277/0				
	e loads have been consider				
 Load case(s) 1, 2, 3, use of this truss. 	4, 5, 6 has/have been mod	ified. Building designer must revie	w loads to verify that they ar	re correct for the intende	ed
	ongbacks, on edge, spaced at their outer ends or restra	at 10-0-0 oc and fastened to eac	h truss with 3-10d (0.131" X	3") nails. Strongbacks	to
4) CAUTION, Do not er		ned by other means.			
LOAD CASE(S) Standa					
1) Dead + Floor Live (b Uniform Loads (plf)	alanced): Lumber Increase-	=1.00, Plate Increase=1.00			and the second s
Vert: 14-27= Concentrated Loads					WINNERTH CAROLINI
Vert: 12=-86		00			A CFESS PAR
Uniform Loads (plf)		~~~			SEAL
Vert: 14-27= Concentrated Loads	(lb)				SEAL 28147
Vert: 12=-86 3) 1st Dead + Floor Live		rease=1.00, Plate Increase=1.00			A AMA A A
Uniform Loads (plf)	-7, 1-7=-67, 7-13=-13				ARKINGRAS
Concentrated Loads Vert: 12=-86	(lb)				SEAL 28147 10/29/2024
ven. 1200		hefere use This design is based only u		e on individual huilding age	10/29/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0026 HONEYCUTT HILLS 437 ADAMS POINT	E COURT ANGIER, NC
24-9455-F01	F1-12	Floor	2	1	Job Reference (optional)	\$ 53753
		Run: 8	.630 s Jul 1	2 2024 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Oct 29	22:59:09 2024 Page 2

un: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 Mi Lek Industries, Inc. Tue Oct 29 22:59:09 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-yB6gjQBk7mj4SLi6IV?dQDMyy4gEv64ZTTJkSOyOQU0

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 LOT 0.0	0026 HONEYCUTT HILLS 437 ADAM	S POINTE COURT ANGIER, NC
24-9455-F01	F1-12A	Floor	7 1	-forence (ontional)	# 53753
			Run: 8.630 s Jul 12 2024 Print: 8.630	eference (optional) s Jul 12 2024 MiTek Industries, Inc. Τι zkcYI-uZER86D_fOzoierVsw15Ve	e Oct 29 22:59:11 2024 Page 1
					0-3-8
1-3-0			1-5-4 1-0-4		⁰ 5 Scale = 1:38.0
					Scale = 1:38.0
3x6 =	3x4 = 3x4 =	3x8 = 3x8 FP= 3x4 =	= 5x12 = 3x8 =	3x4 = 3>	$4x8 = 3x4 \parallel$
1	2 3	4 5 6	7 To 8	9 1	
			W3 LIN W2 LIN		
		8 81 8		B2 3	
	26	25 24 23	22 21 20 19 18	17 16	15 14 13
3x4 3x4 =	3x4 =	3x4 = 1.5x3 3x4 =	3x6 = 3x8 FP= 3x4	3x4 = 3x4 =	3x4
			3x4 4x10 =		4x4 =4x6 =
			14-5-6 15-8-8		
ļ		<u>13-2-4</u> 13-2-4	<u>13-3-12</u> <u>15-7-0</u> <u> </u> 0-1-8 1-1-10	<u>22-6-8</u> 6-10-0	23-2-8
Plate Offsets (X,Y)	[13:Edge,0-1-8], [28:Edge,0-	1-8]	1-1-10 0-1-8		
LOADING (psf)	SPACING- 1-4	-0 CSI .	DEFL. in (loc) I/defl	L/d PLATES	GRIP
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1. Lumber DOL 1.	00 TC 0.47	Vert(LL) -0.06 25 >999 Vert(CT) -0.08 16-17 >999	480 MT20 360	244/190
BCLL 0.0	Rep Stress Incr N	IO WB 0.62	Horz(CT) 0.01 13 n/a	n/a	
BCDL 5.0	Code IRC2021/TPI20	14 Matrix-SH		Weight: 120	lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP	No.1(flat)		BRACING- TOP CHORD Structural wood	d sheathing directly applied or 6	6-0-0 oc purlins, except
BOT CHORD 2x4 SP WEBS 2x4 SP	No.1(flat) No.3(flat) *Except*		end verticals. BOT CHORD Rigid ceiling di	rectly applied or 6-0-0 oc bracir	ia i
	4 SP No.2(flat)				.5.
		3), 21=1926/0-4-8 (min. 0-1-8),	13=1223/0-4-8 (min. 0-1-8)		
	rav28=351(LC 3), 21=1926(
FORCES. (lb) - Max. TOP CHORD 1-28=	Comp./Max. Ten All forces -347/0, 1-2=-434/0, 2-3=-91	s 250 (lb) or less except when sł 0/37, 3-4=-831/245, 4-5=-831/24	nown. 45, 5-6=-206/614,		
6-7=0)/1210, 7-8=-332/338, 8-9=-1	881/0, 9-10=-1676/0, 10-11=-96 -25=-400/646, 23-24=-400/646,	63/0		
21-22		9-20=-2124/0, 18-19=0/1823, 17			
WEBS 7-21=	-1879/0, 1-27=0/515, 2-27=	459/2, 5-25=0/258, 5-23=-568/0			
	=-889/0, 7-22=0/1031, 7-19=0 =-565/0, 11-15=0/416, 11-1	0/2200, 8-19=-1960/0, 9-16=-27; 3=-1462/0	8/0, 10-16=0/304,		
NOTES- (5)					
1) Unbalanced floor liv	ve loads have been consider		view loads to verify that they are correct	for the intended	
use of this truss.		5 5	, ,		
be attached to walls	s at their outer ends or restra		ach truss with 3-10d (0.131" X 3") nails.	Strongbacks to	
4) CAUTION, Do not e	erect truss backwards.				
LOAD CASE(S) 1) Dead + Floor Live (balanced): Lumber Increase	=1.00. Plate Increase=1.00		WHUTH C	ARO
Uniform Loads (plf)	· ·			UNIN OFES	SIGNAL
Concentrated Load				unin aller	Char and
Vert: 8=-93 2) Dead: Lumber Incre	2 11=-865 ease=1.00, Plate Increase=1	.00		SEA	
Uniform Loads (plf) Vert: 13-28	=-7, 1-12=-67			2814	" J Ē
Concentrated Load Vert: 8=-93	s (lb)			A NOIN	EER S MIT
3) 1st Dead + Floor Li	ve (unbalanced): Lumber Inc	crease=1.00, Plate Increase=1.0	0	2814 SEA	MORPANIN
Uniform Loads (plf) Vert: 13-28	=-7, 1-7=-67, 7-12=-13			(Altribut	
***				10/2	9/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0026 HONEYCUTT HILLS 437 ADAMS POINTE COURT ANGIER,	NC
24-9455-F01	F1-12A	Floor	7		Job Reference (optional) # 53753	

n: 8.630 s_Jul 12 2024 Print: 8.630 s_Jul 12 2024 MiTek Industries, Inc._Tue Oct 29 22:59:11 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-uZER86D_fOzoierVsw15VeSGtuKaN_xswnorXGyOQU_

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	LOT 0.0026 HONEYCUTT	HILLS 437 ADAM	S POINTE COURT ANGIER, NG
24-9455-F01	F1-13	Floor	1	1			# 53753
			Run: 8.630 s Jul 1	2 2024 Pri	Job Reference (optiona nt: 8.630 s Jul 12 2024 MiTe	l) k Industries, Inc. Tu	ue Oct 29 22:59:12 2024 Page 1 _UKHjQ6Uy09RYO2jyOQTz
130			ID:5fxLxLn?C6	dWjia?S⊦		h5fJoQhQdYK2s	
1-3-0					1-5-4	—	<u>1-0-0</u> ρ ₁ 1 ₁ 8
							Scale = 1:26.0
							3x4 =
1 ^{3x6} =	3x4 =	$3x4 = 1.5x3 \parallel$	3x4 =	3x4	=	3x8 =	1.5x3 =
	2	3 4	5 11	6		7	8
					W3		W1 18 00
			B1				
			I				
16 11 11 11 11 11 11 11 11 11 11 11 11 11	- 15	14	13		12	••	
3x4 3x4	= 3x4 =	3x8 =	3x4 =		3x6 =	3x4	$3x4 = 3x4 \parallel$
l		<u>13-2-4</u> 13-2-4				1	5-9-12 2-7-8
Plate Offsets (X,Y) [8	0-1-8,Edge], [17:Edge,0-1-8		1				
LOADING (psf)	SPACING- 1-4-0				l/defl L/d	PLATES	GRIP
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.00 Lumber DOL 1.00		Vert(LL) -0.05 Vert(CT) -0.07		>999 480 >999 360	MT20	244/190
BCLL 0.0	Rep Stress Incr YES	WB 0.44	Horz(CT) 0.01	11	n/a n/a	Weight 00	
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH				Weight: 80	lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP N	lo 1(flat)		BRACING- TOP CHORD	Structur	al wood sheathing dire	ectly applied or f	6-0-0 oc purlins, except
BOT CHORD 2x4 SP N	lo.1(Îlat)			end ver	icals.		
WEBS 2x4 SP N	lo.3(flat)		BOT CHORD	Rigid ce	iling directly applied o	r 6-0-0 oc bracir	ng.
	17=395/0-4-8 (min. 0-1-8) ft9=-413(LC 3)	, 9=-353/0-3-8 (min. 0-1-8), 11	=1096/0-4-8 (min. 0-1-8	3)			
	v 17=395(LC 3), 11=1096(LC	C 1)					
FORCES. (lb) - Max C	omp /Max Ten - All forces	250 (lb) or less except when sh	iown				
TOP CHORD 1-17=-3	91/0, 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), 5-6=-6	50/0, 6-7=0/378,		
7-8=0/5 BOT CHORD 15-16=		=0/1002, 12-13=0/272, 11-12=-	-1189/0, 10-11=-1196/0				
WEBS 7-11=-7	065/0, 1-16=0/597, 2-16=-5	36/0, 5-13=-435/0, 6-13=0/468	, 6-12=-791/0, 7-12=0/93	32, 7-10=	=0/777, 8-10=-661/0		
NOTES- (5)							
	loads have been considered	d for this design. Is to bearing plate capable of w	vithstanding 413 lb unlift	at ioint 9			
		at 10-0-0 oc and fastened to ea				D	
	at their outer ends or restrair						
be attached to walls a 4) CAUTION, Do not ere	at their outer ends or restrair ect truss backwards.						
be attached to walls a	at their outer ends or restrair ect truss backwards.						



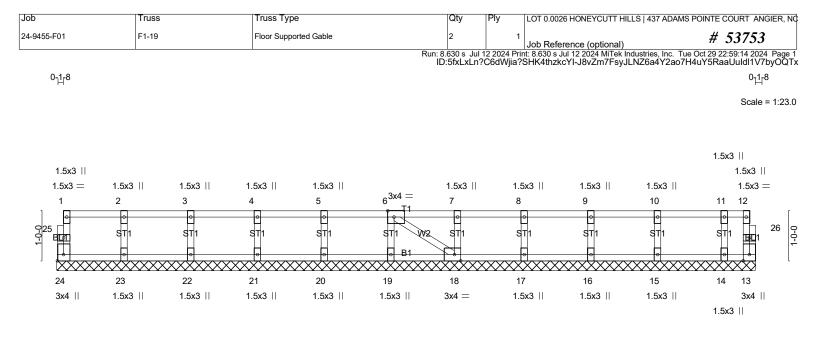
Job	Truss	Truss Type	Qty	Ply	LOT 0.0026 HONEYCUTT	HILLS 437 ADAMS I	POINTE COURT ANGIER, NC
24-9455-F01	F1-14	Floor	4	1	Joh Deference (entione)	N	# 53753
			Run: 8.630 s Jul 1	2 2024 Pri	Job Reference (optional nt: 8.630 s Jul 12 2024 MiTel	Industries Inc. Tue	Oct 29 22:59:13 2024 Page 1
1-3-0			ID:SIXLXLN?	Couvijia		B?Dvvxy?u_Lozao	Xf4h3frxC9O5Hya9yOQTy <u>1-0-0</u> 0- <u>1</u> -8
							Scale = 1:26.0
	3x4 =	3x4 = 1.5x3 ∣∣	3x4 =	3x4	_	3x8 =	3x4 = 1.5x3 =
1 ^{3x6} =	2	3 4	5 5	6	_	5x0 — 7	8
						Lis -	ित्
				/	W3		W4 B1 18 0-0-1
			B1 3				
16	15	14	13		12		10
3x4 3x4		3x8 =	3x4 =		3x6 =		$3x4 = 3x4 \parallel$
1-6-0	4-0-0	9-1-8		11-7-	8 13-2-4	14-6-12	15-9-12
1-6-0	<u>2-6-0</u> 0-1-8,Edge], [17:Edge,0-1-8	5-1-8		2-6-0) 1-6-12	1-4-8	1-3-0
				<i>a</i> ,			
LOADING (psf) TCLL 40.0	SPACING- 1-4-0 Plate Grip DOL 1.00		DEFL. in Vert(LL) -0.05		l/defl L/d >999 480	PLATES MT20	GRIP 244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.00 Rep Stress Incr YES		Vert(CT) -0.07 Horz(CT) 0.01	14 11	>999 360 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014				11/d 11/d	Weight: 80 lb	FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N			TOP CHORD	Structur end ver	al wood sheathing dire	ctly applied or 6-0	0-0 oc purlins, except
WEBS 2x4 SP N			BOT CHORD		eiling directly applied or	6-0-0 oc bracing	
REACTIONS. (lb/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	3)			
Max Upli	ft9=-413(LC 3) v 17=395(LC 3), 11=1096(LC		,	,			
		,					
TOP CHORD 1-17=-3	omp./Max. Ten All forces 2 91/0, 9-18=0/419, 8-18=0/4	250 (lb) or less except when sh 8, 1-2=-504/0, 2-3=-1098/0, 3-	iown. -4=-1169/0, 4-5=-1169/0), 5-6=-6	50/0, 6-7=0/378,		
7-8=0/5	40	0/1002, 12-13=0/272, 11-12=-					
		36/0, 5-13=-435/0, 6-13=0/468		32, 7-10=	=0/777, 8-10=-661/0		
NOTES- (5)							
	loads have been considered	l for this design. s to bearing plate capable of w	uthotopding 412 lb uplift	at joint (
3) Recommend 2x6 stro	ngbacks, on edge, spaced a	t 10-0-0 oc and fastened to ea					
be attached to walls a 4) CAUTION, Do not ere	at their outer ends or restrain ect truss backwards.	ed by other means.					
, ,							
LOAD CASE(S) Standa	IU						



Job	Truss	Truss Type	Qty	Ply LOT 0.0026 HONEYC	CUTT HILLS 437 ADAMS POIN	TE COURT ANGIER, NC	
24-9455-F01	F1-15	Floor	1	1 Job Reference (op	tional)	# 53753	
0-1-8 H	4		Run: 8.630 s Jul 1 ID:5fxLxLn?C	2 2024 Print: 8.630 s Jul 12 2024 6dWjia?SHK4thzkcYI-J8vZn	MiTek Industries, Inc. Tue Oct 2 n7FsyJLNZ6a4Y2ao7H4qw5	9 22:59:14 2024 Page 1 OwaOfIdI1V7byOQTx <u>1-0-0 0₁1-8</u> \$cale = 1:26.0	
	3x4 = 2 2 6 15 $x4 = 3x4 = 3$	3x4 = 1.5x3 3 4 2 6 14 3x8 =	3x4 = 5 1 $B1$ 13 $3x4 =$	3x4 = 6 12 12 4x4 =	3x8 = 7 43 10 3x4 3x4 =	3x4 = $1.5x3 =$ 8 19 9 $3x4 $	
Plate Offsets (X,Y) [8:0-1-8,Edge], [17:Edge,0-1-8]	<u>13-1-8</u> 13-1-8			<u> </u>		
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	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) l/defl L/d 14 >999 480 14 >999 360 11 n/a n/a		IP 1/190 FT = 20%F, 11%E	
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP			(Structural wood sheathing end verticals. Rigid ceiling directly applie		oc purlins, except	
Max Up) 17=389/0-3-8 (min. 0-1-8), blift9=-409(LC 3) av 17=389(LC 3), 11=1088(LC		=1088/0-4-8 (min. 0-1-8))			
TOP CHORD 17-18 6-7=0	Comp./Max. Ten All forces 2 =-386/0, 1-18=-385/0, 9-19=0/4)/399, 7-8=0/535	414, 8-19=0/414, 1-2=-503/0,	2-3=-1090/0, 3-4=-1155/0	0, 4-5=-1155/0, 5-6=-632/0),		
	BOT CHORD 15-16=0/936, 14-15=0/1219, 13-14=0/986, 11-12=-1178/0, 10-11=-1183/0 WEBS 7-11=-1057/0, 1-16=0/571, 2-16=-529/0, 5-13=-439/0, 6-13=0/472, 6-12=-791/0, 7-12=0/904, 7-10=0/768, 8-10=-654/0						
2) Provide mechanical 3) Recommend 2x6 st	e loads have been considered connection (by others) of truss rongbacks, on edge, spaced at at their outer ends or restraine rect truss backwards.	s to bearing plate capable of w t 10-0-0 oc and fastened to ea			ks to		
I OAD CASE(S) Stand	ard						

LOAD CASE(S) Standard





L			13-11-0				
1			13-11-8				1
Plate Offsets (X,Y)	[6:0-1-8,Edge], [18:0-1-8,Edge], [24:E	dae.0-1-81					
LOADING (psf)	SPACING- 2-0-0	CSI.		n (loc) l/def		PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.06	Vert(LL) n/a	a - n/a	ı 999	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.01	Vert(CT) n/a	a - n/a	999		
BCLL 0.0	Rep Stress Incr YES	WB 0.03	Horz(CT) 0.0	0 18 n/a	n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	(-)			Weight: 58 lb	FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP			TOP CHORD			directly applied or 6-	0-0 oc purlins, except
BOT CHORD 2x4 SF			DOT OUODD	end verticals	-		
WEBS 2x4 SF	P No.3(flat)		BOT CHORD	Rigid ceiling	directly applied	d or 6-0-0 oc bracing	l.

13-11-8

OTHERS 2x4 SP No.3(flat)

REACTIONS. All bearings 13-11-8.

(lb) - Max Uplift All uplift 100 lb or less at joint(s) 13

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- (6-9)

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) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 13.
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 6) Graphical 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, 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 GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

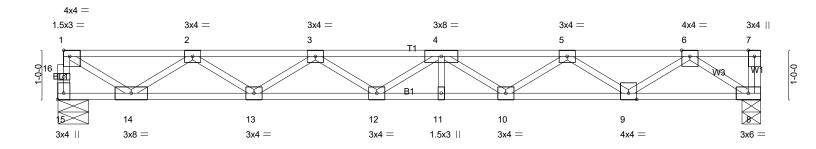
LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0026 HONEYCUTT HILLS 437 ADAMS PO	DINTE COURT ANGIER, NC
24-9455-F01	F1-20	Floor	8	1	Job Reference (optional)	# 53753
0-1-8					t: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue C HK4thzkcYI-nLTy_TGVjcTEAG9G5m51fUc_	

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-0
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14-3-12



1-0-0	4-0-0	0-0-0	3-1-0	11-7-0	14-0-12 14-0-12
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)	SPACING- 2-0-0	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.36	Vert(LL) -0.17 11-12	2 >999 480	MT20 244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.59	Vert(CT) -0.23 11-12	2 >739 360	
BCLL 0.0	Rep Stress Incr YES	WB 0.56	Horz(CT) 0.04	8 n/a n/a 🛛	
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			Weight: 71 lb FT = 20%F, 11%E
LUMBER-			BRACING-		
TOP CHORD 2x4 SP				ctural wood sheathing c	directly applied or 6-0-0 oc purlins, except

9-1-8

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

1_6_0

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

11_7_8

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

4-0-0

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

6-6-0

NOTES-(3-6)

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.

CAUTION, Do not erect truss backwards

3) 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.

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

5) 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.

6) 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



14-0-12

Job 24-9455-F01	Truss F1-29	Truss Type Floor	Qty 1	1 Job	Reference (option	al)	POINTE COURT ANGIER, NC # 53753
0-1-8 H	4		Run: 8.630 s Jul ID:5fxLxLn?C6	12 2024 Print: 8.6 SdWjia?SHK4th:		ek Industries, Inc. Tue Uwc5oQkTfTdGCi98 <u>0-6-12</u> <u>0-10-8</u>	0 Oct 29 22:59:16 2024 Page 1 3Ev3r2Emb43WcBUyOQTv ↓ 1-1-8 Scale = 1:25.9
	3x4 = 2 19 18 3x4 = 3x4 =	3x8 = 3 17 16 1.5x3 3x4 =	$3x4 =$ $4 \\ 1$ $B1$ 15 $3x4 =$	3x4 = 5	4x8 6 14 13 3x4 = 3x4	-7 ⁴ x6 = 8	3x4 $3x6 = 9$ 9 0 0 0 0 0 0 0 0 0 0
Plate Offsets (X,Y)	120:Edae.0-1-81	<u>12-4-2</u> 12-4-2			12-5 0-1	13-8-10 13-0433-3-12 2-9-0 13-3-6 14- 10_13-1-14 14-1-14 8 0-3-6 0-1-8 0-5-4 0-1-8 0-0-6	3-6 1 15-9-6 1-8 1-6-0
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 NO Code IRC2021/TPI2014	CSI. TC 0.43 BC 0.28 WB 0.65 Matrix-SH	DEFL. in Vert(LL) -0.05 Vert(CT) -0.08 Horz(CT) 0.01	16 >999	480 360	PLATES MT20 Weight: 85 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP			BRACING- TOP CHORD BOT CHORD	end verticals		rectly applied or 6- or 6-0-0 oc bracing	0-0 oc purlins, except g.
Max U FORCES. (Ib) - Max. TOP CHORD 20-21 BOT CHORD 18-19 10-11 WEBS 8-11=	e) 20=402/0-7-14 (min. 0-1-8) plift10=-372(LC 3), 11=-476(LC Comp./Max. Ten All forces 2! =-399/0, 1-21=-398/0, 1-2=-523 =0/973, 17-18=0/1311, 16-17=0 =-614/0 =-462/0, 7-12=-934/0, 7-11=0/13 =0/589, 6-12=-1622/0	3), 11=-396(LC 1) 50 (lb) or less except when sh 3/0, 2-3=-1149/0, 3-4=-1222/0 D/1311, 15-16=0/1116, 14-15-	own. , 4-5=-764/0, 6-7=0/168 :0/391, 13-14=-581/0, 1	35, 7-8=0/614 2-13=-581/0,	11-12=-1685/0,	8), 12=2204/0-4-8	(min. 0-1-8)
2) Provide mechanica	ve loads have been considered I connection (by others) of truss		rithstanding 100 lb uplifi	t at joint(s) exc	ept (jt=lb) 10=37	72,	
 use of this truss. 4) Recommend 2x6 st be attached to walls 5) CAUTION, Do not e 6) Graphical bracing r the member must b 7) Bearing symbols ar design of the truss 8) Web bracing showr Restraining & Braci 9) SEE BCSI-B3 SUM MINIMUM BRACIN GUIDELINES, ALW 	e only graphical representations to support the loads indicated. n is for lateral support of individu ng of Metal Plate Connected W IMARY SHEET- PERMANENT G REQUIREMENTS OF TOP C /AYS CONSULT THE PROJEC	10-0-0 oc and fastened to ea d by other means. ne size, type or the orientation s of a possible bearing conditi ual web members only. Refer 'ood Trusses for additional bra RESTRAING/BRACING OF C CHORD, BOTTOM CHORD, A	ach truss with 3-10d (0. of the brace on the me on. Bearing symbols ar to BCSI - Guide to Goo acing guidelines, includ HORDS & WEB MEME ND WEB PLANES. IN	131" X 3") nail mber. Symbol e not consider d Practice for ing diagonal b BERS FOR RE ADDITION TC	s. Strongbacks only indicates th red in the structu Handling. Install	to hat ral	
Uniform Loads (plf)	balanced): Lumber Increase=1. =-7, 1-9=-67 s (lb)	00, Plate Increase=1.00				ARK K. N	0/2024
Warning !—Verify de	sign parameters and read notes be	fore use. This design is based only	upon parameters shown, a	nd is for an indiv	idual building com	10/29	9/2024 I and loaded

Job	Truss	Truss Type	Qty	Ply	LOT 0.0026 HONEYCUTT HILLS 437 ADAM	IS POINTE COURT ANGIER, NO
24-9455-F01	F1-29	Floor	1	1	Job Reference (optional)	# 53753
	-	Run 8	3 630 s. Jul	12 2024 Pri	nt: 8 630 s Jul 12 2024 MiTek Industries Inc. T	ue Oct 29 22:59:17 2024 Page 2

8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 Mi lek Industries, Inc. Tue Oct 29 22:59:17 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-jjbiO9IIFEkyQZJfDA8VIviI_IP4nh0IJjF9jwyOQTu

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



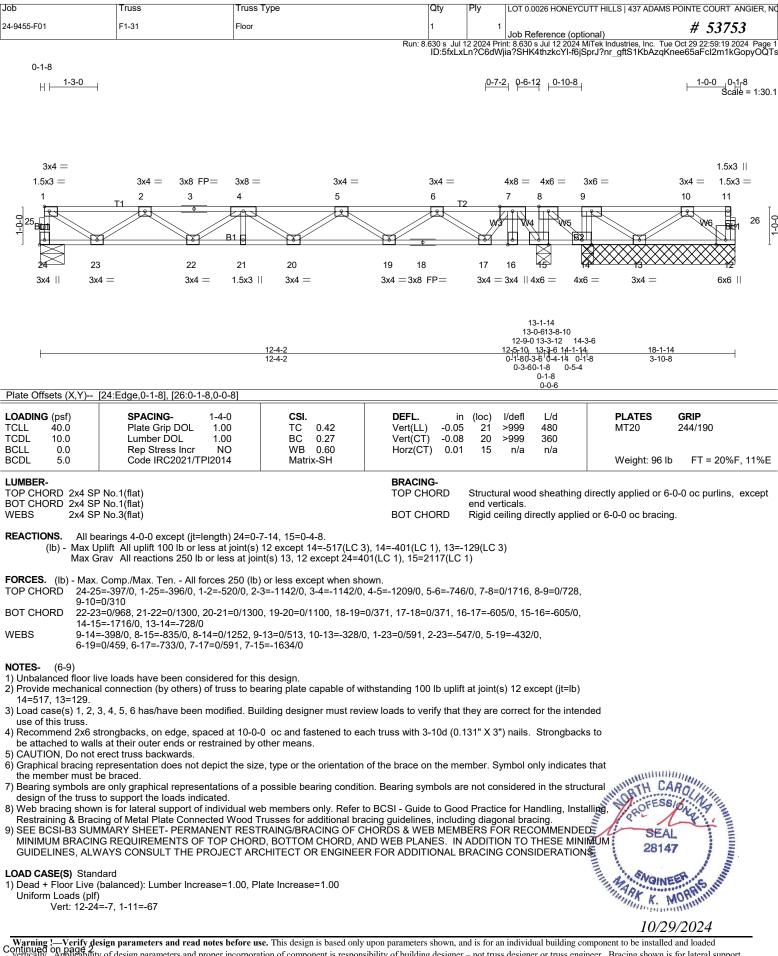
Job	Truss	ss Type	Qty	Ply LOT	0.0026 HONEYCUTT H	ILLS 437 ADAMS I	POINTE COURT ANGIER, NO
24-9455-F01	F1-30 Floo	Dr	2		Reference (optional)		# 53753
	1		Run: 8.630 s Jul ID:5fxLxL	12 2024 Print: 8.63	0 s Jul 12 2024 MiTek	Industries, Inc. Tue I0Xsp1jurnufkH7E	Oct 29 22:59:18 2024 Page 1 Tdil4W6VuXN?jGMyOQTt
0-1-8							
H					0-7-	-2 0-6-12 -	<u>1-3-8</u> 0-1-8 Scale = 1:24.4
3x4 =							
1.5x3 =	3x4 =	3x8 =	3x4 =		4 =	4x8 = 74x8	1.5x3
	2	3	4	5			8
					W.	\$417W4	
	T T		B1	¥			
	17 16	15 14		13	12	11	
3x4	3x4 = 3x4 =	1.5x3 3x4 =		3x4 =		3x4 4x6 =	7x8
		40.4.0				13-0-6 12-9-0	44.0.44
ŀ		<u>12-4-2</u> 12-4-2				<u>12₁5₁10 13₁14</u> 0-1-8 0-3-6 0-3-6 0-1-8	14-9-14 1-8-0
Plate Offsets (X,Y)	[7:0-3-0,Edge], [9:Edge,0-3-0], [18:	Edge,0-1-8]				0-0-0 0-1-0	
LOADING (psf) TCLL 40.0	SPACING- 1-4-0 Plate Grip DOL 1.00	CSI. TC 0.44	DEFL. ir Vert(LL) -0.05	()	L/d 480	PLATES MT20	GRIP 244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.29	Vert(CT) -0.08	14 >999	360	WI120	244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr NO Code IRC2021/TPI2014	WB 0.82 Matrix-SH	Horz(CT) 0.01	10 n/a	n/a	Weight: 78 lb	FT = 20%F, 11%E
LUMBER-			BRACING-	Ctrusturelius			
TOP CHORD 2x4 SF BOT CHORD 2x4 SF	P No.1(flat)		TOP CHORD	end verticals.	0		0-0 oc purlins, except
	P No.3(flat)		BOT CHORD	0 0	lirectly applied or (6-0-0 oc bracing	
Max U	e) 18=415/0-7-14(min. 0-1-8), 9= lplift9=-871(LC 3)	834/0-8-0 (min. 0-1-8), 10	1=2215/0-4-8 (min. 0-1	-8)			
Max G	Grav 18=415(LC 3), 10=2215(LC 1)						
	. Comp./Max. Ten All forces 250 9=-411/0, 1-19=-410/0, 1-2=-542/0,)4			
BOT CHORD 16-17	7=0/1010, 15-16=0/1383, 14-15=0/ =-980/0, 7-9=0/1728, 1-17=0/616, 2	1383, 13-14=0/1224, 12-13	=0/535, 11-12=-412/59	, 10-11=-412/5			
NOTES- (6-9)				0,012 0,010	0.10.1000/0		
1) Unbalanced floor li	ve loads have been considered for al connection (by others) of truss to		thetanding 100 lb unlif	at ioint(s) exc	ont (it-lh) 0-871		
3) Load case(s) 1, 2,	3, 4, 5, 6 has/have been modified.						
	trongbacks, on edge, spaced at 10		ch truss with 3-10d (0.	131" X 3") nails	. Strongbacks to		
5) CAUTION, Do not	s at their outer ends or restrained b erect truss backwards.						
the member must b							
	re only graphical representations of to support the loads indicated.	f a possible bearing condition	on. Bearing symbols ar	e not consider	ed in the structural		
		web members only. Refer t d Trusses for additional bra	o BCSI - Guide to Goo cing guidelines. includ	d Practice for I	landling, Installing acing.		111100
9) SEE BCSI-B3 SUN MINIMI IM BRACIN	MARY SHEET- PERMANENT RE		HORDS & WEB MEM	BERS FOR RE		ANNUMTH CA	ROLINI
GUIDELINES, ALV	n is for lateral support of individual ing of Metal Plate Connected Woo MARY SHEET- PERMANENT RE IG REQUIREMENTS OF TOP CHO VAYS CONSULT THE PROJECT A dard (balanced): Lumber Increase=1.00,) 7, 1-8=-67 is (Ib) 55 ease=1.00, Plate Increase=1.00) 7, 1-8=-67	ARCHITECT OR ENGINEE	R FOR ADDITIONAL E	RACING CON	SIDERATIONS	ROFESS	PAR S III
LOAD CASE(S) Stan	dard	Diata Ingrassa 1.00			mm	SEAL	
Uniform Loads (plf	(balanced): Lumber Increase=1.00,) 	Plate Increase=1.00			MUM	28147	
Vert: 9-18= Concentrated Load	∺-7, 1-8=-67 Is (lb)				Inne	A SAM	
Vert: 6=-73 2) Dead: Lumber Incr	35 ´´´aase=1.00, Plate Increase=1.00					ARKY	ORAN
Uniform Loads (plf Vert 9-18=) 7, 1-8=-67					Manna N	anne
	esign parameters and read notes before					10/29	/2024
Warning ! Varify de	sign narameters and read notes before	e use. This design is based only	upon parameters shown a	nd is for an indiv	dual building compor	pent to be installed	and loaded

Job	Truss	Truss Type	Qty	Ply	LOT 0.0026 HONEYCUTT HILLS 437 ADAM	S POINTE COURT ANGIER, NC
24-9455-F01	F1-30	Floor	2	1	Job Reference (optional)	# 53753
		Dum 9	620 a Jul 4	2 2024 D-i	nt: 9,620 a Jul 12,2024 MiTak Industrias Inc. T	10 Oct 20 22-E0-10 2024 Dame 2

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 Mi Lek Industries, Inc. Tue Oct 29 22:59:18 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-Bw94cVIN0Xsp1jurnufkH7ETdil4W6VuXN?jGMyOQTt

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





Job	Truss	Truss Type	Qty	Ply	LOT 0.0026 HONEYCUTT HILLS 437 ADAMS I	POINTE COURT ANGIER, NC
24-9455-F01	F1-31	Floor	1	1	Job Reference (optional)	# 53753
			D	40.0004 D	nt 0.620 a Jul 42.2024 MiTak Industrias Inc. Tue	0-+ 00 00 F0 40 0004 D 0

un: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 Mi Lek Industries, Inc. Tue Oct 29 22:59:19 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-f6jSprJ?nr_gftS1KbAzqKnee65aFcl2m1kGopyOQTs

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 0.0026 HONEYC	UTT HILLS 437 ADAMS	POINTE COURT ANGIER, NO
24-9455-F01	F1-32	Floor	5	1	Lak Dafar (1		# 53753
			Run: 8.630 s Jul 1	 2 2024 Prin	Job Reference (opti nt: 8.630 s Jul 12 2024 f K4th zkoVL ZIHr1PKe	Onal) MiTek Industries, Inc. Tue	Oct 29 22:59:20 2024 Page 1 oFWRd_71B?hUpKFyOQT
0-1-8			ID:5IXLXLN?C6	uvvjia?SH	кчиіzкоті-лінгівКо	лэблп ПЕИЈПСМҮК	υπννκα_/18?ΠΟΡΚΕΥΟQΙ
H <u>1-3-0</u>				₁ 0-7-2	2 0-6-12		<u>0-10-8</u> 0-1-8 Scale = 1:30.1
					1 1		Scale = 1:30.1
3x4 =							3x4 =
3x4 — 1.5x3 —	3x4 = 3x8 FP=	3x8 = 3x4 =	3x4 =		4x8 = 3x6 =	3x4 =	3x4 — 1.5x3 —
1	2 3	4 5	6		7 8	9	10
							W5 25 9
		B1 G S1					
			φ				
23 22	21	20 19	18 17		15 14	13	12
3x4	3x4 =	1.5x3 3x4 =	3x4 = 3x8 FP=	3x4 =	3x4 ∥4x6 =	3x4 =	$3x4 = 3x4 \parallel$
					13-1-14 13-0-6		
L		12-4-2			12-9-0 2 ₁ 5 ₁ 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]					
LOADING (psf) TCLL 40.0	SPACING- 1-4 Plate Grip DOL 1.0		DEFL. in Vert(LL) -0.05		l/defl L/d >999 480	PLATES MT20	GRIP 244/190
TCDL 10.0	Lumber DOL 1.0	00 BC 0.29	Vert(CT) -0.08	19 >	>999 360	WIT20	244/130
BCLL 0.0 BCDL 5.0	Rep Stress Incr N Code IRC2021/TPI201		Horz(CT) 0.01	14	n/a n/a	Weight: 94 It	FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP			TOP CHORD			directly applied or 6	-0-0 oc purlins, except
BOT CHORD 2x4 SP WEBS 2x4 SP	No.3(flat)		BOT CHORD	end verti Rigid ce		d or 6-0-0 oc bracin	g.
REACTIONS. (Ib/size) 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-	1-8)			
Max Up	olift11=-244(LC 3)			,			
Max G	rav23=410(LC 3), 11=30(LC	4), 14=1/5/(LC 1)					
		5 250 (lb) or less except when sh 535/0, 2-3=-1185/0, 3-4=-1185/0		/0 7-8=0	/1598 8-9=0/1106		
9-10=	=0/289					,	
	=0/997,20-21=0/1358,19-20 =-1598/0,12-13=-675/0	0=0/1358, 18-19=0/1186, 17-18	=0/484, 16-17=0/484, 15	-10=-512	2/0, 14-15=-512/0,		
	-530/0, 8-13=0/694, 9-13=-6 725/0, 7-16=0/581, 7-14=-1	51/0, 9-12=0/471, 10-12=-372/0 638/0	, 1-22=0/608, 2-22=-564	/0, 5-18=	-420/0, 6-18=0/44	6,	
NOTES- (6-9) 1) Unbalanced floor liv	e loads have been consider	ed for this design.					
		iss to bearing plate capable of w ified. Building designer must rev					
use of this truss.		6 6	,	,			
be attached to walls	at their outer ends or restra	at 10-0-0 oc and fastened to ea ined by other means.	ach truss with 3-10d (0.1	31 X 3)	nalis. Strongback	IS 10	
 5) CAUTION, Do not e 6) Graphical bracing re 		t the size, type or the orientatior	of the brace on the me	mber Svi	mbol only indicates	sthat	
, the sum such as maximal h							(L)
design of the truss t	o support the loads indicated	ons of a possible bearing condit 1.	ion. Bearing symbols are	e not cons	sidered in the struc	tural white TH CA	Routh
8) Web bracing shown	is for lateral support of indiv	vidual web members only. Refer	to BCSI - Guide to Good	d Practice	e for Handling, Inst	alling	10 Nolly
9) SEE BCSI-B3 SUM	MARY SHEET- PERMANEN	IT RESTRAING/BRACING OF (CHORDS & WEB MEME	ERS FO	R RECOMMENDE	DERRE	and the second sec
GUIDELINES, ALW	G REQUIREMENTS OF TOP AYS CONSULT THE PROJI	ons of a possible bearing condit 1. idual web members only. Refer Wood Trusses for additional br IT RESTRAING/BRACING OF (P CHORD, BOTTOM CHORD, A ECT ARCHITECT OR ENGINEE	ND WEB PLANES. IN ER FOR ADDITIONAL B	additio Racing	N TO THESE MIN CONSIDERATION	INTUM SEA	
						2814	
	palanced): Lumber Increase=	=1.00, Plate Increase=1.00				2814	A MARTIN
Uniform Loads (plf) Vert: 11-23=	=-7, 1-10=-67					ARK	ORALININ
Concentrated Loads	s (lb)					Inner K.	ALL HILLING
Vert: 7=-73						10/2	9/2024
Warning !—Verify des	ign parameters and read notes	before use. This design is based only	upon parameters shown, ar	nd is for an	individual building co	omponent to be installed	1 and loaded

Job	Truss	Truss Type	Qty	Ply	LOT 0.0026 HONEYCUTT HILLS 437 ADA	MS POINTE COURT ANGIER, NO
24-9455-F01	F1-32	Floor	5	1	Job Reference (optional)	# 53753
		Bun: 8	3 630 s Jul 1	12 2024 Pri	nt: 8.630 s. Jul 12 2024 MiTek Industries Inc.	Tue Oct 29 22:59:21 2024 Page 2

Run: 8.630 s. Jul 12 2024 Print: 8.630 s. Jul 12 2024 Mi lek industries, Inc. Tue Oct 29 22:59:21 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-cVqDEXLFISENuBcQS0CRvIsz?wmsjaGKELDNshyOQTq

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

> SEAL 28147 10/29/2024

JOD		Truss		Truss Typ	e			Qty	Ply	LOT 0.002	26 HONEY	CUTT HILLS 4	37 ADAMS PC	INTE CO	OURT ANGIER, NO
24-9455-F01		F1-33		Floor Supp	orted Gable			1	1	Job Refe	erence (op	tional)		# 5	53753
							Run: 8 ID:5fx	.630 s Jul 1 LxLn?C6c	2 2024 Prii Wjia?SHI	nt: 8.630 s K4thzkcYl	Jul 12 2024 -4hObSsL	MiTek Industri u3mMEWLB	es, Inc. Tue Oo c0kjgSzPFXJ	ct 29 22: JASS6s	59:22 2024 Page 1 US?zwP8yOQTp
0-1-8															0- <mark>1</mark> -8
															Scale = 1:30.1
														1.5x3	3
1.5x3		1.5x3													1.5x3
1.5x3 =	1.5x3	3x8 FP	=1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	1.5x3	1.5x	3 - 1	1.5x3	1.5x3	1.5x3		1.5x3 =
1	2 T1	3 4	5	6	7	8	9	10 T2	11		12	13	14	15	16
	0	<u> </u>	0	0	0	0	- E	- 12	P		0	0	0	0	•
0-33 _B ∎	ST1	ST1	ST1	ST1	ST1	ST1	ST1 W	2 ST1	ST	1	ST1	ST1	ST1	ST1	
	•	•	•	•	B1		•		- F		•	- 0	6 2	•	<u>+</u> +
	$\langle X X X X \rangle$	(XXXXXX)	XXXXXX	XXXXXX	\sim	XXXXXX	(XXXXXX)	XXXXX	XXXX	XXXX	XXXX	XXXXXX	XXXXX	∞	
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	1.5x3	3x4 =	1.5x	3	3x8	FP=	1.5x3		3x4
											1.5x3	1.5x3		1.5x3	3

Plate Offsets (X,Y)	[9:0-1-8,Edge], [24:0-1-8,Edge], [32:E	dge,0-1-8]	18-1-14 18-1-14		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. i Vert(LL) n/ Vert(CT) n/ Horz(CT) 0.0	a - n/a 999	PLATES GRIP MT20 244/190 Weight: 74 lb FT = 20%F, 11%E
			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly applied	directly applied or 6-0-0 oc purlins, except d or 10-0-0 oc bracing.

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.

Truss

Trues Type

- 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

