Mark Morris, P.E. #126, 1317-M, Summerville, SC 29483

843 209-5784, Fax (866)-213-4614

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

AST #: 52246 JOB: 24-7625-F02 JOB NAME: LOT 0.0028 HONEYCUTT HILLS Wind Code: N/A Wind Speed: Vult= N/A Exposure Category: N/A Mean Roof Height (feet): N/A These truss designs comply with IRC 2015 as well as IRC 2018. *30 Truss Design(s)*

Trusses:

F200, F201, F202, F202A, F203, F204, F205, F206, F207, F208, F209, F209A, F209B, F210, F211, F212, F213, F215, F216, F217, F218, F219, F220, F221, F222, F223, F224, F225, F225A, F226



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

Job	Truss	Truss Type	Qty	Ply	LOT 0.0028 HONEYCUTT HILLS 448	ADAMS POINTE COURT ANGIER, NC
24-7625-F02	F200	Floor Supported Gable	1	1	Job Reference (optional)	# 52246
0 _[1 ₆ 8			Run: 8.630 s Jul 12 ID:oDuWOOMhLxM	22024 Print Oj2fwcp2a	t: 8.630 s Jul 12 2024 MiTek Industries, aKqzMG6w-nepw5CJAi3HQ31TbC	Inc. Thu Sep 12 10:39:01 2024 Page 1 Swm0Kqe1sQxQ47VYh?jxALyePpu 0 ₁ 178 Scale = 1:21.3
$ \begin{array}{c} 1 \\ 23 \\ 1 \\ 1 \\ 23 \\ 1 \\ 23 \\ 1 \\ 24 \\ 22 \\ 22 \\ 3x4 \\ 1 \end{array} $	3 STT1	4 5 ST1 ST1 0 19 18	$6^{3x4} = 7$ $5T1$ $W2$ 17 16 $3x4$	=	8 9 ST1	10 11 24 0 0 0 13 12 3x4
<u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-4-0</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u> <u>1-6:(7-0)</u>	2-8-0 4-0.0 1-4-0 1-4-0 D-1-8,Edge], [16:0-1-8,Edge SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	5-4-0 6-8-0 1-4-0 1-4-0 , [22:Edge,0-1-8] 1.4-0 CSI. TC TC 0.06 BC 0.01 WB 0.03 Matrix-SH	D 8-0-0 D 1-4-0 DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00 PRACINC	9-4 1-4 (loc) I - - 12	-0 10-8-0 1 -0 1-4-0 1 //defi L/d PLAT n/a 999 MT20 n/a 999 n/a n/a Weigt	2-0-0 13-1-0 -4-0 1-1-0 ES GRIP 244/190 ht: 58 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No OTHERS 2x4 SP No	0.1(flat) 0.1(flat) 0.3(flat) 0.3(flat)		BRACING- TOP CHORD BOT CHORD	Structura end verti Rigid cei	al wood sheathing directly appli icals. iling directly applied or 10-0-0 o	ed or 6-0-0 oc purlins, except c bracing.

REACTIONS. All bearings 13-1-0.

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

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

NOTES- (6)

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

2) Gable requires continuous bottom chord bearing.

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

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

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

LOAD CASE(S) Standard





	L	5-10-7	1	0-0-/ /-2-/	13-1-0	0	
	1	5-10-7	'	0-8-0 ' 0-8-0 '	5-10-9	9	Į.
Plate C	Offsets (X,Y)	[8:0-1-8,Edge], [12:0-1-8,Edge], [13:0)-1-8,Edge], [16:Edge,0)-1-8]			
LOADII TCLL TCDL BCLL BCDL	NG (psf) 40.0 10.0 0.0 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.28 BC 0.43 WB 0.45 Matrix-SH	DEFL. ir Vert(LL) -0.08 Vert(CT) -0.12 Horz(CT) 0.03	n (loc) I/defl L/d 3 12-13 >999 480 2 12-13 >999 360 3 9 n/a n/a	PLATES C MT20 2 Weight: 68 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBE TOP CI BOT CI WEBS	FR- HORD 2x4 SF HORD 2x4 SF 2x4 SF	2 No.1(flat) 2 No.1(flat) 2 No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d end verticals. Rigid ceiling directly applied	lirectly applied or 6-0- l or 10-0-0 oc bracing.	0 oc purlins, except

REACTIONS. (Ib/size) 16=700/0-3-8 (min. 0-1-8), 9=700/0-3-8 (min. 0-1-8)

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

40 -

TOP CHORD 16-17=-695/0, 1-17=-694/0, 9-18=-701/0, 8-18=-700/0, 1-2=-787/0, 2-3=-1803/0, 3-4=-2148/0, 4-5=-2148/0,

5-6=-2148/0, 6-7=-1569/0, 7-8=-388/0

BOT CHORD 14-15=0/1472, 13-14=0/2107, 12-13=0/2148, 11-12=0/1980, 10-11=0/1127

WEBS 4-13=-254/95, 1-15=0/952, 2-15=-891/0, 2-14=0/431, 3-14=-395/0, 3-13=-160/368, 6-12=-25/412, 6-11=-534/0, 7-11=0/576, 7-10=-962/0, 8-10=0/723

NOTES- (4)

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

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

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

LOAD CASE(S) Standard



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Job	Truss	Truss Type	Qty	Ply LOT 0.0028 H	IONEYCUTT HILLS 448 ADAN	IS POINTE COURT ANGIER, NC
24-7625-F02	F202	Floor	2	1		# 52246
			Run: 8.630 s Jul 12	Job Referen 2024 Print: 8.630 s Jul 1	ice (optional) 2 2024 MiTek Industries, Inc. Th	nu Sep 12 10:39:03 2024 Page 1
			ID:oDuWOOMhLxN	10j2fwcp2aKqzMG6w	-j1xhWuLREhX8ILdzNLoUF	PFkHhEVxYqJr9JC2EEyePps
0-1-8						
H			———————————————————————————————————————			10-6-5 $10-7-8$ Scale = 1:22.7
1.5x3 =		1.5x3			4>	4 = 4x6 =
1	2	3 4	_5	6	7	$8^{5x6} = 9$
	1		-11 			
o ¹⁹		W3	\square			
	Ý		_B1	¥/		
				•	10	
185 17		16 15	14 1	3	12	10 200 - 500 -
			1.5X3		4x4 —	3X0 = 5X0 =
 	<u> </u>	<u> </u>	2-7 8-0	<u>12-11</u> 5-9-	-12 -5	13-11-12
Plate Offsets (X,Y) [5:0-	-1-8,Edge], [9:0-1-8,Edge], [10:Edge,0-1-8], [15:0-1-8,Edge], [1	8:Edge,0-1-8]		•	
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. in	(loc) I/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.42	Vert(LL) -0.07	15-16 >999 480	МТ20	244/190
BCLL 0.0	Rep Stress Incr NO	WB 0.84	Horz(CT) -0.10	15-16 >999 360 11 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	()		Weight: 75	lb FT = 20%F, 11%E
LUMBER-		· · ·	BRACING-			
TOP CHORD 2x4 SP No	.1(flat)		TOP CHORD	Structural wood she	athing directly applied or	6-0-0 oc purlins, except
WEBS 2x4 SP No	.3(flat)		BOT CHORD	Rigid ceiling directly	applied or 10-0-0 oc brad	cing, Except:
		10.0004/Marchanisch 44.0000/0.0	0 (6-0-0 oc bracing: 11	-12,10-11.	
Max Grav	18=605/0-3-8 (min. 0-1-8), 18=605(LC 1), 10=3384(LC	4), 11=2288(LC 1)	-8 (min. 0-1-8)			
TOP CHORD 18-19=-6	10/0, 1-19=-599/0, 9-10=-37	736/0, 1-2=-661/0, 2-3=-1460/0, 3-4	4=-1574/0, 4-5=-157	4/0, 5-6=-1161/0,		
7-8=0/11	39		07 44 40 050/0 4	0.44		
WEBS 8-11=-14	1236, 15-16=0/1636, 14-15 72/0, 1-17=0/799, 2-17=-74	=0/1574, 13-14=0/1574, 12-13=0/7 8/0, 2-16=0/291, 3-15=-274/176, 5-	67, 11-12=-650/0, 1 -13=-528/0, 6-13=0/	513, 6-12=-910/0,		
7-12=0/9	35, 7-11=-922/0, 8-10=0/17	71	,	,,		
NOTES- (7)						
1) Unbalanced floor live lo	ads have been considered	for this design.				
 All plates are 3x4 M120 Refer to girder(s) for true) unless otherwise indicated iss to truss connections.	1.				
4) Load case(s) 1, 2, 3, 4,	5, 6, 7, 8, 9, 10 has/have b	een modified. Building designer m	ust review loads to	verify that they are c	orrect for	
5) Recommend 2x6 strong	s truss. abacks, on edge, spaced at	10-0-0 oc and fastened to each tr	uss with 3-10d (0.1;	31" X 3") nails. Stro	ngbacks to	
be attached to walls at	their outer ends or restraine	ed by other means.				
6) CAUTION, Do not erec	t truss backwards.					
LOAD CASE(S) Standard						
1) Dead + Floor Live (bala Uniform Loads (plf)	anced): Lumber Increase=1.	00, Plate Increase=1.00				Hilling.
Vert: 10-18=-10), 1-8=-100, 8-9=-180				WHINDTH C	AROIT
Concentrated Loads (lk Vert: 9=-3680))				OFES	SIDA ATT
2) Dead: Lumber Increase	e=1.00, Plate Increase=1.00	1			mill and	LE
Uniform Loads (pit) Vert: 10-18=-10), 1-8=-100, 8-9=-180				SE	AL E
Concentrated Loads (It))				281	47
Vert: 9=-3680 3) 1st Dead + Floor Live (unbalanced): Lumber Increa	ase=1.00, Plate Increase=1.00				
Uniform Loads (plf)	,				AP	CARS INT
vert: 10-18=-10 Concentrated Loads (Ib), 1-9=-100))				Manna K.	Monum
Vert: 9=-3680					0/1	1/2024
					3/11	

Job	Truss	Truss Type	Qty	Ply	LOT 0.0028 HONEYCUTT HILLS 448 AD	AMS POINTE COURT ANGIER, NC
24-7625-F02	F202	Floor	2	1	Job Reference (optional)	# 52246
		Run: 8	3.630 s. Jul 1	2 2024 Prin	t: 8.630 s Jul 12 2024 MiTek Industries. Inc.	Thu Sep 12 10:39:03 2024 Page 2

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Thu Sep 12 10:39:03 2024 Page 2 ID:oDuWOOMhLxMOj2fwcp2aKqzMG6w-j1xhWuLREhX8ILdzNLoUPFkHhEVxYqJr9JC2EEyePps

LOAD CASE(S) Standard 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-18=-10, 1-8=-20, 8-9=-180 Concentrated Loads (lb) Vert: 9=-3680 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-18=-10, 1-9=-100 Concentrated Loads (lb) Vert: 9=-3680 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-18=-10, 1-8=-20, 8-9=-180 Concentrated Loads (lb) Vert: 9=-3680

7) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf) Vert: 10-18=-10, 1-5=-100, 5-8=-20, 8-9=-180

Concentrated Loads (lb) Vert: 9=-3680

8) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 10-18=-10, 1-4=-20, 4-8=-100, 8-9=-180 Concentrated Loads (lb) Vert: 9=-3680

9) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-18=-10, 1-5=-100, 5-8=-20, 8-9=-180

Concentrated Loads (Ib)

Vert: 9=-3680 10) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 10-18=-10, 1-4=-20, 4-8=-100, 8-9=-180

Concentrated Loads (lb) Vert: 9=-3680



Job	Truss	Truss Type	Qty F	Ply LOT 0.	0028 HONEYCUTT HILLS 448 AD	AMS POINTE COURT ANGIER, NC
24-7625-F02	F202A	Floor	3	1 Job R	eference (optional)	# 52246
		ID	Run: 8.630 s Jul 12 2 oDuWOOMhLxMC	2024 Print: 8.630 Dj2fwcp2aKqzW	s Jul 12 2024 MiTek Industries, Inc. IG6w-CDV3jEL3?_f?wVCAx3K	Thu Sep 12 10:39:04 2024 Page 1 xTGSTerAHHW_NzxbmgyePpr
0-1-8						
H		0-5-15 1-4-0	-			0-6-5 0-7-8 Scale = 1:22.7
						00010 11221
1 5×2 —		1.5v2				4×4 — 4×6 —
1	2	3 4	5	6	5	$7 8^{5x6} = 9$
		T [,]			1	
		W3				
		B1		\checkmark		
17		16 15	14 13	3	12	10
		1	1.5x3		$4x4 \equiv$	3x6 = 5x6 =
1	5-10-7	6-6-7 7-2-7	I		12-11-12	13-11-12
Plate Offsets (X,Y) [5:0-	5-10-7 -1-8,Edge], [9:0-1-8,Edge], [0-8-0 ′ 0-8-0 10:Edge,0-1-8], [15:0-1-8,Edge], [18:E			5-9-5	' 1-0-0 '
LOADING (psf)	SPACING- 2-0-0	CSI. D	EFL in	(loc) l/defl	I/d PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.42 V	ert(LL) -0.07 1	5-16 >999	480 MT20	244/190
BCLL 0.0	Rep Stress Incr NO	WB 0.85 H	orz(CT) 0.02	5-16 >999 11 n/a	n/a	
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			Weight: 7	75 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No.	1(flat)	B	RACING-	Structural woo	d sheathing directly applied	or 6-0-0 oc purlins except
BOT CHORD 2x4 SP No.	.1(flat) .2(flat)	D		end verticals.	iroathy applied or 10.0.0 och	
WEBS 2X4 SF NO.	.o(nat)	ים	6	6-0-0 oc bracir	ng: 11-12,10-11.	racing, Except.
REACTIONS. (Ib/size) 1 Max Grav 1	18=605/0-3-8 (min. 0-1-8), 18=605(LC 1), 10=3349(LC	10=2325/Mechanical, 11=2253/0-3-8 4), 11=2253(LC 1)	(min. 0-1-8)			
FORCES. (lb) - Max Cor	np /Max Ten - All forces 2	50 (lb) or less except when shown				
TOP CHORD 18-19=-59	99/0, 1-19=-598/0, 9-10=-37	706/0, 1-2=-661/0, 2-3=-1460/0, 3-4=-1	1574/0, 4-5=-1574	4/0, 5-6=-116 ⁻	1/0,	
BOT CHORD 16-17=0/	1236, 15-16=0/1635, 14-15=	=0/1574, 13-14=0/1574, 12-13=0/767,	11-12=-650/0, 10	0-11=-1144/0		
WEBS 8-11=-143 7-12=0/93	30/0, 1-17=0/798, 2-17=-74 35, 7-11=-931/0, 8-10=0/17	8/0, 2-16=0/291, 3-15=-274/176, 5-13 78	=-528/0, 6-13=0/5	513, 6-12=-91	0/0,	
NOTES- (7)						
1) Unbalanced floor live lo	ads have been considered	for this design.				
3) Refer to girder(s) for tru	iss to truss connections.	1.				
4) Load case(s) 1, 2, 3, 4, the intended use of this	5, 6, 7, 8, 9, 10 has/have b truss.	een modified. Building designer must	review loads to ve	erify that they	are correct for	
5) Recommend 2x6 strong	gbacks, on edge, spaced at	10-0-0 oc and fastened to each truss	with 3-10d (0.13	1" X 3") nails.	Strongbacks to	
6) CAUTION, Do not erec	t truss backwards.	a by other means.				
LOAD CASE(S)						
 Dead + Floor Live (bala Uniform Loads (plf) 	inced): Lumber Increase=1.	00, Plate Increase=1.00				Willinger.
Vert: 10-18=-10 Concentrated Loads (Ib), 1-9=-100				UNHUND TH	CAROLINI
Vert: 9=-3680					III POROF	SOIPNA STIT
Uniform Loads (plf)	- 1.00, male increase=1.00	1			il s	EAL
Vert: 10-18=-10 Concentrated Loads (Ib), 1-9=-100))				28	3147
Vert: 9=-3680 3) 1st Dead + Floor Live (unbalanced). Lumber Increa	ase=1.00. Plate Increase=1.00			&	
Uniform Loads (plf)		1.00, 1 late introduce - 1.00			A A P	INEE
Concentrated Loads (Ib	ο, τ-σ=-του, δ-9=-20)				in the K	Monum
Vert: 9=-3680					9/	11/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0028 HONEYCUTT HILLS 448 AD	AMS POINTE COURT ANGIER, NC
24-7625-F02	F202A	Floor	3	1	Job Reference (optional)	# 52246
		Run: 8	630 s. Jul 1	2 2024 Prin	t: 8 630 s. Jul 12 2024 MiTek Industries Inc.	Thu Sen 12 10:39:04 2024 Page 2

ID:oDuWOOMhLxMOj2fwcp2aKqzMG6w-CDV3jEL3?_f?wVCAx3KjxTGSTerAHHW_NzxbmgyePpr

LOAD CASE(S)

4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-18=-10, 1-8=-20, 8-9=-100 Concentrated Loads (lb) Vert: 9=-3680 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-18=-10, 1-8=-100, 8-9=-20 Concentrated Loads (lb) Vert: 9=-3680 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-18=-10, 1-8=-20, 8-9=-100 Concentrated Loads (lb) Vert: 9=-3680 7) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-18=-10, 1-5=-100, 5-8=-20, 8-9=-100 Concentrated Loads (lb) Vert: 9=-3680 8) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-18=-10, 1-4=-20, 4-9=-100 Concentrated Loads (lb) Vert: 9=-3680 9) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-18=-10, 1-5=-100, 5-8=-20, 8-9=-100 Concentrated Loads (lb) Vert: 9=-3680 10) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 10-18=-10, 1-4=-20, 4-9=-100 Concentrated Loads (lb) Vert: 9=-3680





	5-7-7	6-3-7 6-11	-7	12-0-15	13-3-15 13-10-0
	5-7-7	0-8-0 0-8-	0 '	5-1-8	1-3-0 '0-6-1'
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Edge], [16:Ed	dge,0-1-8]			
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.35 BC 0.69 WB 0.50 Matrix-SH	DEFL. in (loc Vert(LL) -0.12 1 Vert(CT) -0.16 11-1 Horz(CT) 0.03	 c) I/defl L/d 2 >999 480 2 >999 360 8 n/a n/a 	PLATES GRIP MT20 244/190 Weight: 71 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF	P No.1(flat) P No.1(flat) P No.3(flat)		BRACING- TOP CHORD Stru end BOT CHORD Rigi	ictural wood sheathing o verticals. id ceiling directly applico	directly applied or 6-0-0 oc purlins, except

REACTIONS. (lb/size) 16=747/Mechanical, 8=741/0-3-8 (min. 0-1-8)

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

TOP CHORD 1-16=-742/0, 1-2=-843/0, 2-3=-1948/0, 3-4=-2409/0, 4-5=-2289/0, 5-6=-1594/0

BOT CHORD 14-15=0/1579, 13-14=0/2409, 12-13=0/2409, 11-12=0/2409, 10-11=0/2114, 9-10=0/1027, 8-9=0/1027

WEBS 1-15=0/1057, 2-15=-959/0, 2-14=0/480, 3-14=-623/0, 4-11=-351/80, 5-11=0/313, 5-10=-677/0, 6-10=0/725,

6-8=-1229/0

NOTES- (6)

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

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

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

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





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

9/11/2024







REACTIONS. (lb/size) 4=2/1-11-8 (min. 0-1-8), 6=50/1-11-8 (min. 0-1-8), 5=130/1-11-8 (min. 0-1-8)

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

NOTES- (6)

1) Gable requires continuous bottom chord bearing.

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

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

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

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

5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0028 HONEYCUTT HILLS 448 ADAM	S POINTE COURT ANGIER, NO
24-7625-F02	F207	Floor	4	1	lah Deference (anti-u-l)	# 52246
		Ru	In: 8.630 s Jul 12	2 2024 Prin	JOD Reference (optional) It: 8.630 s Jul 12 2024 MiTek Industries, Inc. Th	u Sep 12 10:39:09 2024 Page 1
400 070	4.4.40	ID:	9vTDwC2bJN3	39NxhlMk	8CGOyOxYS-YBlymxPBqXII0G57kcvve	N_H5fRMyXojXFfMSuyePpm
1-3-0 0-7-0	1-4-10	1-4-0	4			0-11-10
						Scale = 1:30.6
4x6	= 3x8 FP=		7			$4x4 \equiv$
	3 4		/ T2		8 9	10 11
	WA					
		B1 B1				B2
⊥₩			-			'
23 22 21	20	19 18 [°]	17 16		15 14 13	12
5x8 = 3x	x6 =	1.5x3 1.	5x3		3x8 FP=	3x6 =
					4x4 =	=
2-2-8	8-1	0-2 9-6-2 10-2-2 -10 0-8-0 0-8-0	2 1		<u>19-0-4</u> 8-10-2	
Plate Offsets (X,Y) [1:E	dge,0-1-8], [6:0-1-8,Edge],	[7:0-1-8,Edge], [23:Edge,0-1-8]			0102	
LOADING (psf)	SPACING- 1-4-0	CSI. DEF	L. in	(loc)	I/defl L/d PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.55 Vert	(LL) -0.24	17-18	>934 480 MT20	244/190
BCLL 10.0	Rep Stress Incr NO	WB 0.91 Hor	z(CT) -0.42 z(CT) 0.07	18 12	>536 360 n/a n/a	
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	(-)		Weight: 99	lb FT = 20%F, 11%E
LUMBER-		BRA	CING-		· · · ·	
TOP CHORD 2x4 SP No	p.1(flat)	TOF	CHORD	Structur	al wood sheathing directly applied or (6-0-0 oc purlins, except
WEBS 2x4 SP No	p.3(flat)	BOT	CHORD	Rigid ce	iling directly applied or 10-0-0 oc brac	sing.
REACTIONS. (lb/size)	23=1222/Mechanical 12=7	55/0-3-8 (min 0-1-8)				
FORCES. (lb) - Max. Co TOP CHORD 1-23=-12	mp./Max. Ten All forces 2 212/0. 1-2=-1519/0. 2-3=-23	50 (lb) or less except when shown.)2/0, 3-4=-2302/0, 4-5=-3234/0, 5-6=-364	46/0.6-7=-36	87/0. 7-8	=-3388/0.	
8-9=-265	59/0, 9-10=-1481/0			45.40		
BOT CHORD 21-22=0/ 13-14=0/	/2302, 20-21=0/2892, 19-20 /2173. 12-13=0/769	=0/3558, 18-19=0/3687, 17-18=0/3687, 1	16-17=0/3687	, 15-16=	0/3121, 14-15=0/21/3,	
WEBS 2-21=0/4	21, 1-22=0/1906, 2-22=-139	92/0, 5-20=-421/0, 4-20=0/446, 4-21=-71	6/0, 7-16=-55	5/0, 8-16	6=0/434,	
8-15=-60	12/0, 9-15=0/632, 9-13=-901	/0, 10-13=0/927, 10-12=-1062/0				
NOTES- (7)	aada haya haan aanaidarad	for this design				
2) All plates are 3x4 MT2	0 unless otherwise indicated	d.				
3) Refer to girder(s) for tr	uss to truss connections.	ad Building designer must review loads t	o verify that t	nev are d	correct for the intended	
use of this truss.		building designer must review loads t		loy alo t		
 Recommend 2x6 stron be attached to walls at 	gbacks, on edge, spaced at their outer ends or restrained	10-0-0 oc and fastened to each truss w	ith 3-10d (0.1	31" X 3")) nails. Strongbacks to	
6) CAUTION, Do not erec	t truss backwards.					
LOAD CASE(S) Standard	ł					
1) Dead + Floor Live (bala	anced): Lumber Increase=1	.00, Plate Increase=1.00				110.
Vert: 12-23=-7	, 1-11=-67				WINNITH C	ARO
Concentrated Loads (II	b)				STILL OFES	SIGN
2) Dead: Lumber Increase	e=1.00, Plate Increase=1.00)			and a second	ANR MIL
Uniform Loads (plf)	1 11- 67				SE	AL I
Concentrated Loads (II	b)				Ē (281	47
Vert: 2=-600	r Live (unbalanced): Lumbe	r Increase=1.00. Plate Increase=1.00				
Uniform Loads (plf)	a cive (unbalanceu). Luitibe	- morease - 1.00, Flate morease - 1.00			THE ASSINGIN	EES OF UNIT
Vert: 12-23=-7	, 1-7=-67, 7-11=-13 h)				Tunik K.	MOHTMAN
Vert: 2=-600	~,				0.413	
					9/11	/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0028 HONEYCUTT HILLS 448 ADAMS POINTE COURT ANGIER, N
24-7625-F02	F207	Floor	4	1	Job Reference (optional) # 52246
		R	un: 8.630 s Jul 1 :9vTDwC2bJN	2 2024 Prin 39NxhIMk	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc. Thu Sep 12 10:39:09 2024 Page 2 «8CGOyOxYS-YBIymxPBqXII0G57kcvveW_H5fRMyXojXFfMSuyePpi

LOAD CASE(S) Standard 4) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-23=-7, 1-6=-13, 6-11=-67 Concentrated Loads (lb) Vert: 2=-600 5) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-23=-7, 1-7=-67, 7-11=-13 Concentrated Loads (lb)

Vert: 2=-600

6) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 12-23=-7, 1-6=-13, 6-11=-67 Concentrated Loads (lb)

Vert: 2=-600



a model iss <	Job	Truss	Truss Type	Qty	Ply	LOT 0.0028 HONEY	CUTT HILLS 448 ADAMS	POINTE COURT /	ANGIER, NC
Image: transmission of the second s	24-7625-F02	F208	Floor	2	1			# 5224	16
$\frac{1+2}{1+2} = \frac{1+2}{1+2}$ $\frac{1+2}{1+2}$					12 2024 Drin	Job Reference (op	tional)	<i>π J22</i>	024 Dago 1
$\frac{1}{121}, \underline{1110}, \underline{1110}, \underline{1110}, \underline{112}, \underline{112}, \underline{112}, \underline{112}$ Set 30.11 $\frac{1}{122}, \underline{1110}, \underline{1110}, \underline{1110}, \underline{1120}, 1$				ID:9vTDwC2bJN	39NxhlMk8	CGOyOxYS-0NsK	_HQqbqQ9eQfJHJQ8Bk	<pre>wNe3pihz0tmvF</pre>	Pw_KyePpl
1000000000000000000000000000000000000	0-11-0 0-11-0	1-4-10 1-3-0	—	1-4-0				1-1-2	
$ \frac{54 + 1}{12} + \frac{54}{12} +$				1					
								Sca	ale: 3/8"=1'
$\frac{3^{n-1}}{1^{n-1}} \underbrace{\frac{3^{n-1}}{1^{n-1}} $									
$ \begin{array}{c} 1 \\ 1 \\ 1 \\ 1 \\ 2 \\ 2 \\ 2 \\ 3 \\ 4 \\ 1 \\ 2 \\ 2 \\ 2 \\ 3 \\ 4 \\ 1 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2 \\ 2$									
$\frac{1}{120} + \frac{1}{12} + \frac{1}{12}$									
•••••••••••••••••••••••••••••		3x4 =							
$\frac{1}{12} = \frac{1}{2} + 1$	6x8	= 3x8 FP=	3x4 = 3x4 =	3x4 =	3x4	= 4	4x4 = 4	4x6 = 1.5x3 ∣	
Image: control of the second when shows End of the second when shows	$1^{6x8} = \frac{1}{10^{10}} \frac{1}$	3 4	5 6	7 _{T2}	8		9	10 11	
Product of the state							iz t		[_
Image: Provide and the set of th		W3 W4 V	NA WA		WA	W4 W4	- W4 W4	- VV5 VV1	-2-0
24 23 22 21 20 19 17 19 14 13 14 13 14 13 14 13 14 13 14 13 14 13 14 13 14 13 14 13 14 13 13 14 13 13 14 13 13 14 13 13 14 13 13 14 13 13 14 13 13 14 13 13 14 13 13 14 13 13 14 13 13 14 13 14 13 14 13 14 13 15 14 13 16 16 14 13 16<		B1 81	● B2 ●		<u>B3</u>		B4		7 %
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	· •			<u> </u>				X	6
Abs Bit Abs Abs III Abs Stell Abs<	24 23 22	2 21	20 19 18	17 16		15	14 13	² 1Ž	
Brit 2MT20H5 36 MT20H5 FP= 66 = 1-120 + 228 + 0.102 0.402 0.402 0.402 0.402 Plate Chines (X/P) - (156ga, 0.1-48, 120-3-0.654), 160-1-8, Edga, 170-1-8, Edga, 170-3-8, Edga, 1 0.402 0.402 0.402 Plate Chines (X/P) - (156ga, 0.1-48, 120-3-0.654), 160-1-8, Edga, 170-1-8, Edga, 170-3-8, Edga, 1 0.402 0.402 0.402 CLOADING (and plate GR) POL 1.00 C 0.82 Vert(L) 0.11 91 77-9694 460 0.00 0.402 0.402 0.412 n.40 0.41720 51 0.41720 51 0.41720 51 0.41720 51 0.418 91 0.41120 51 0.418 91 0.41120 51 0.41120 51 0.41120 51 0.418 91 0.41120 51	4x6 6	x6 = 3x6	4x6 3x6	3x6 4x6		5x6	3x8 FP=	4x6	
Image: 120 120 120 190-2 190-2 Plate Offsets (V): [156ge: 0-1-8] [2-0-3.0.Edge], [16-1-8.Edge], [17-0-3.0.Edge] B-16.2 Charles Offsets (V): [156ge: 0-1-8] [2-0-3.0.Edge], [16-1-8.Edge], [17-0-3.0.Edge] B-16.2 Charles Offsets (V): [156ge: 0-1-8] [2-0-3.0.Edge], [16-1-8.Edge], [17-0-3.0.Edge] BERL in (bc) 1/def I/def CDL 4.00 Pate Eng (Do. 1.10) BC 0.89 Vert(C1) 0.518-19 9440 360 TCDL 1.00 Respires since N.O. W8 0.97 Horz (C1) 0.6112 N/d Wright: 127 lb FT = 20WF: 11%E UMMER Code (RC2021/PE0/4 Matrix-SH TOP CHORD Det 28 PN 0.1(fal) "Except" TOP CHORD Det 28 PN 0.1(fal) "Except" TOP CHORD Det 28 PN 0.3(fal) "Except" TOP CHORD Pate SP No.3(fal) "Except" TOP CHORD Det 28 PN 0.3(fal) "Except" TOP CHORD Det 28 PN 0.3(fal) "Except" BOT CHORD Pate SP No.3(fal) "Except" TOP CHORD Pate SP No.3(fal)	8x12 MT20HS=	3x8	MT20HS FP=				6x6 =		
Image: Second									
Image: Provide of the set of the									
1-2-0 2-2-8 8-10-2 9-6-2/0-3-0 8-10-2 Plate Offsets (X/V) - [T-Edge, 0-1-6], [2-0-3-0, Edge], [70-1-8, Edge], [
Image: 123 + 283 + 123 193 + 123 194 + 123 Paire Offseis (XY) - (1:Edge.01-6] [2:0-30.Edge], [3:0-1-8.Edge], [7:0-1-8.Edge], [7:0-1-8.Edge], [7:0-30.Edge] In (0c) [//ed //ed //									
Image: Head of the start of the st									
Prace Offsets (XY)- f1 Edge 0.1-8], [2:0:3:0; Edge], [1:0:1-8; Edge], [1:7:0-1:8; Edge] DeFL in (loc) Idef Ide PLATES GRIP LOADINg (set) Plate Grap D0, 1:00 TC 0.22 Veri(L) 0.13 17:3:998 430 MT20H8 224/190 DCL 1:00 Limber Do: In: 1:00 EG 0.32 Veri(L) 0.13 17:3:998 430 MT20H8 224/190 MT20H8 100 MT20H8 100 MT20H8 100 MT20H8 100 MT20H8 204/190 Weight: 127 lb FT = 20%F, 11%E LUMEER. TOP CHORD 2: 45 PN 0; (flat) "Except" BRACING. Structural wood sheathing directly applied or 4-10-5 oc purlins, except and verticals. BOT CHORD 2: 45 PN 0; (flat) Weight: 127 lb FT = 20%F, 11%E FORCES. (lb) - Max. Ten - All forces 250 (lb) or less except when shown. TOP CHORD 1: 22-23900, 12-2-27900, 23-45700, 14-45-9000; 5-6-91400, 6-7=-57960, 7-8=-50490, 1-14-9006351; 14-19-907596, 15-16=-014535; 14-16-904035; 14-16-900403; 14-9004051; 12-22-904007, 12-22-908071; 12-22-908071; 12-22-908071; 12-22-908071; 12-22-908071; 12-22-908071; 12-22-908071; 12-22-908071; 12-22-908071; 12-22-90800; 14-907396; 15-16=-014535; 14-16-904036; 12-22-239400; 12-22-908071; 12-22-908071; 12-22-908030; 14-907396; 15-16=-014535; 14-16-900635; 14-900405; 12-22-9	<u> 1-2-0 2-2-8</u> 1-2-0 1-0-8	<u> </u>	0-2 9-6 -10 0-8	-2 10-2-2 -0 0-8-0		<u> </u>			
LOADING (psf) TCLL 400 Heat Grp DOL 100 Rep Stress from 700 BCCL 003 BCCL 003 BC	Plate Offsets (X,Y) [1:E	dge,0-1-8], [2:0-3-0,Edge],	[6:0-1-8,Edge], [7:0-1-8,Edge],	[17:0-3-0,Edge]					
Coll. Vertice of the set o		SPACING 140	190			l/defl l/d		CDID	
TCDL 10.0 Lumber DOL 10.0 BC 0.88 Vert(CT) -0.51 Hz.19 244 360 MT20HS 1127/H3 BCDL 5.0 Rep Bressiner NO MB 0.97 Matrix-SH Horz(CT) 0.51 Hz.19 244 Should be the control of the cont	TCLL 40.0	Plate Grip DOL 1.00	TC 0.82	Vert(LL) -0.1	9 17 2	>999 480	MT20	244/190	
BCLL 0.0 Rep Stress incr NO WH 0.97 Hotz(CT) 0.06 12 n/a Weight: 127 lb FT = 20%F, 11%E LUBER. TOP CHORD 2/4 SP No.1(flat) Except BRACING. TOP CHORD Structural wood sheathing directly applied or 4-10-5 oc purlins, except end verticats. BOT CHORD 2/4 SP No.3(flat) BOT CHORD Structural wood sheathing directly applied or 4-10-5 oc purlins, except end verticats. FORCES. (b). 4/4 SP No.3(flat) BOT CHORD Structural wood sheathing directly applied or 10-0-0 oc bracing. FORCES. (b). 4/2 - 3/40(0), 12/2/3700, 23-4 Structural wood sheathing directly applied or 10-0-0 oc bracing. BOT CHORD 2/4 SP No.3(flat) BOT CHORD Structural wood sheathing directly applied or 10-0-0 oc bracing. FORCES. (b). Max. Comp./Max. Ten All forces 250 (b) or less except when shown. TOP CHORD To 2-3/40(0), 7-8-2/40(0), 7-8-2/40(0), 7-8-6/1570, 5-6-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 7-8-6/149(0, 7-8-6/149(0, 7-8-6/149(0, 7-8-6/149(0, 7-8-6/149(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 7-8-6/149(0, 7-8-6/149(0, 7-8-6/149(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0, 6-7-5796(0, 7-8-6/149(0	TCDL 10.0	Lumber DOL 1.00	BC 0.89	Vert(CT) -0.5	1 18-19	>440 360	MT20HS	187/143	
Societ Observed and the second in the ord Indexecting Indexecting Charles Indexecting Indexecting Indexecting Indexecting Concentrated Structural wood sheathing directly applied or 4-10-5 oc purlins, except end verticals. Indexecting REACTIONS. (Ibidize) 24-39 No.1(If(at) BOT CHORD Structural wood sheathing directly applied or 10-0-0 oc bracing. REACTIONS. (Ibidize) 24-30 No.1(If(at) BOT CHORD Rigid celling directly applied or 10-0-0 oc bracing. REACTIONS. (Ibidize) 24-30 No.1(If(at) BOT CHORD Structural wood sheathing directly applied or 10-0-0 oc bracing. REACTIONS. (Ibidize) 24-30 No.1(If(at) BOT CHORD Structural wood sheathing directly applied or 10-0-0 oc bracing. REACTIONS. (Ibidize) 24-30 No.1(Ibidize) 24-30 No	BCLL 0.0	Rep Stress Incr NO	WB 0.97 Matrix_SH	Horz(CT) 0.0	5 12	n/a n/a	Weight: 127 /	Ib ET = 20%[= 11%F
LUMBER: BACING- TOP CHORD 2x4 SP No.1(flat) "Except" TO CHORD and verticals. BOT CHORD 2x4 SP No.1(flat) "Except" TO CHORD 2x4 SP No.1(flat) "Except" Right ceiling directly applied or 4-10-5 oc purlins, except end verticals. BOT CHORD 2x4 SP No.1(flat) "Except" Right ceiling directly applied or 10-0-0 oc bracing. WEBS 2x4 SP No.1(flat) (12-20790), 23-57500, 34-57500, 45-61970, 5-6-61490, 6-7-57960, 7-8-50490, 8-9-38200, 9-10-20800 BOT CHORD 2x2-39400, 1-2-29790, 23-57500, 34-57500, 54-61970, 5-6-61490, 6-7-57960, 7-8-50490, 8-9-38200, 9-10-20800 BOT CHORD 22-23-040730, 21-22-040071, 20-21-016301, 19-20-0/5301, 18-19-0/5796, 15-16=0/4535, 14-15-0/3081, 13-14-03061, 12-32-07080, 5-19-3840, 4-22-3820 BOT CHORD 22-39590, 0.519-0725, 8-15-9080, 9-15-0985, 9-13-12460, 10-13=0/1264, 10-12-14220, 12-32-04089, 2-23-39590, 0.519-0725, 8-15-9080, 9-15-0985, 9-13-12460, 10-13=0/1264, 10-12-14220, 12-32-04089, 2-23-39590, 0.519-0725, 8-15-9080, 9-15-0985, 9-13-12460, 10-13=0/1264, 10-12-14220, 12-304089, 2-23-39590, 0.519-0725, 8-15-9085, 9-13-12400, 10-13=0/1264, 10-12-14220, 12-30408, 2-23-39590, 0.519-0725, 8-15-9080, 9-15-0985, 9-13-12400, 10-13=0/1264, 10-12-14220, 12-3040, 0.510, 0.520, 0.510, 0.510, 0.510, 0.510, 0.510, 0.510, 0.510	BODE 5.0		Matrix-OTT						, II /0L
IDP CHORD 244 SP Ko (frait) Structural Wood shearthing directly applied or 4-10-5 oc punins, except end verticals. BOT CHORD 244 SP Ko (frait) BOT CHORD Rigid ceiling directly applied or 4-10-5 oc punins, except end verticals. REACTIONS. (lb/size) 24-3001/Mechanical, 12=953/0-3-8 (min. 0-1-8) Rigid ceiling directly applied or 10-0-0 oc bracing. REACTIONS. (lb/size) 24-3001/Mechanical, 12=953/0-3-8 (min. 0-1-8) Rigid ceiling directly applied or 10-0-0 oc bracing. REACTIONS. (lb/size) 24-3001/Mechanical, 12=953/0-3-8 (min. 0-1-8) Rigid ceiling directly applied or 10-0-0 oc bracing. REACTIONS. (lb/size) 24-3001/Mechanical, 12=053/0-3-8 (min. 0-1-8) Rigid ceiling directly applied or 10-0-0 oc bracing. REACTIONS. (lb/size) 24-30073/0, 24-3750/0, 4-52-66197/0, 5-6-6149/0, 5-6-5756/0, 7-8-5049/0, 8-23-3049/0, 12-23-04008, 2-23-3059/0, 6-19=0/739, 5-19=-364/0, 4-22-382/0 NOTES - (7) 10-12-1422/0, 1-23-04088, 2-23-3959/0, 6-19=0/739, 5-19=-364/0, 4-22-382/0 NOTES - (7) 1) Ubalas are MT20 plates unless otherwise indicated. 3) Reift oig/ref(s) for trus to trus connections. 4) Load case(§1, 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 hit trus. 6) CAUTON, Do not erect truss backwards. LOAD CASE(S) 1) Deatal + Floor Live (ubalanced): Lumber Increase=1.00, Pl	LUMBER-	<i>4 (5</i> 1 − 4) + □ − − − − 4+		BRACING-	0			10 5	
BOT CHORD 244 SP No.1(flat) WEBS 244 SP No.1(flat) REACTIONS (lbisize) 24 4 SP No.1(flat) REACTIONS (lbisize) 24 39001/Mechanical, 12=953/0-3.48 (min. 0-1-8) FORCES. (lb) Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 1:24=29400, 1:2-=20700, 2:3=-57500, 4:4=-5197/0, 5:6=-6149/0, 6:7=-5796/0, 7:8=-5049/0, 89–3620(0), 6:10=-208000 BOT CHORD 22,2:3=05730, 2:1-22=100071, 2:0:21=0/6301, 19:20=0/6301, 18:19=0/5796, 17:18=0/5796, 16:17=0/5796, 15:16=0/4535, 4:15=0/3051, 2:1,2:4=0/3061, 1:2:13=0/1036 BOT CHORD 22,2:3=05730, 2:1-2:2=0/0071, 2:0:21=0/6301, 19:20=0/6301, 18:19=0/5796, 17:18=0/5796, 15:16=0/4535, 4:15=0/3051, 2:1,2:4=0/2008, 2:2:3=-35930.0, 1:5=09080, 9:15=0/965, 9:13=-1246/0, 10:13=0/1264, 10:12=1:4220, 2:2:3=-35930.0, 2:2:2:3=-35930.0, 2:15=-30840, 4:22=-38200 NOTES (7) 1) Unbalanced foor live loads have been considered for this design. 2) All pates are MT20 plates unless otherwise indicated. 3) Refer to gridrei(s) for truss to truss connections. 4) Load case(6) 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. 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 restained by other means. 6) CAUTON, Do not revet truss backwards. LOAD CASE(9) 1) Bead + Floor Live (lubalanced): Lumber Increase=1.00, Plate Increase=1.00, Uniform Loads (pf) Vett: 1:2:24=-7, 1:2=-157, 2:11=-67 Concentrated Loads (p) Vett: 1:2:24=-7, 1:2=-157, 2:11=-67 Concentrated Loads (p) Vett: 1:2:24=-7, 1:2=-157, 2:71=-67 Concentrated Loads (p) Vett: 1:2:24=-7,	TOP CHORD 2x4 SP No T2: 2x4 SF	P SS(flat)		TOP CHORD	end vert	ai wood sneatning icals.	J directly applied of 4-	10-5 oc punins	, except
WEBS 2x4 SP No.3(flat) REACTIONS: (tbisize) 24=3001/Mechanical, 12=953/0-3.8 (min. 0-1.8) FORCES: (tb) 1-24=-2940, 1-22-2970, 2-3=-5750/0, 3-4=-5750/0, 4-5=-6197/0, 5-6=-6197/0, 5-7=-5796/0, 7-8=-5049/0, 6-9=-3620/0, 9-10=-2080/0 BOT CHORD: 2-23=-0573, 21-22=-01670, 1, 20-21=016301, 19-20=016301, 18-19=0/5796, 17-18=0/5796, 15-16=0/4535, 14-15=0/3061, 12-14=0/3061, 12-14=0/1085 WEBS 6-18=-5110, 7/17=0/547, 7-16=11230, 8-16=0/725, 8-15=-908/0, 9-15=0/965, 9-13=-1246/0, 10-13=0/1264, 10-12=-14220, 1-23=0/4009, 2-23=-3930/0, 6-19=0/739, 5-19=-364/0, 4-22=-382/0 NOTES: (7) 1) Unbalanced floor live loads have been considered for this design. 2) All plates and mI20 plates unless otherwise indicated. 3) Refer to girder(s) for truss to truss connections. 4) Load case(f) 1) Data data their outer ends or restrained by other means. 0) CAUTION, Do not erect truss backwards. Concentrated Loads (b) Vert: 2-2-394 2) Dead : Limber Increase=1.00, Plate Increase=1.00 Uniform Loads (pl) Vert: 12-24=-7, 1-2==157, 2-11=-67 Concentrated Loads (b) Vert: 12-24=-7, 1-2==157, 2-11=-67 Concentrated Loads (b) Vert: 12-24=-7, 1-2==157, 2-11=-67 Conconentrate Loads (c)	BOT CHORD 2x4 SP No	o.1(flat)		BOT CHORD	Rigid ce	iling directly appli	ed or 10-0-0 oc bracir	ıg.	
REACTIONS. (Ibisize) 24=3001/Mechanical, 12=953/0-3-8 (min. 0-1-8) FORCES. (Ib) - Max. Comp. Max. Ten All forces 250 (Ib) or less except when shown. TOP CHORD 1-24-29700, 0-108-20800. BOT CHORD 22-23=05700, 0-108-20800. BOT CHORD 22-23=05700, 0-128-20700, 0.1-28-3700, 0.4-56-61970, 5-66-6149/0, 6-7=-5796/0, 7-8=-5049/0, 4-9-33200, 0-108-20800. BOT CHORD 22-23=05700, 0.1-22-2100 (0301, 1, 12-109/1080). WEBS 6-18=-5110, 0.1-71-01547, 7-10-11230, 8-16=07/25, 8-15=-9060, 0-15-0065, 9-13=-12460, 10-13=01/264, 10-12=-14220, 1-23=04089, 2-23=-3959/0, 6-19=07/39, 5-19=-364/0, 4-22=-382/0 NOTES- (7) 1) Unbalanced foor live loads have been considered for this design. 2) All plates are MT20 plates unless otherwise indicated. 3) Refer to girlerify for truss to truss connections. 6) 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. 6) Refer to girlerify for truss to truss connections. 6) Refer to girler outer ends or restrained by other means. 6) CAUTION, Do not erect truss backwards. 7) Dead + Fior Live (halanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pf) Vert: 12-24=7, 1-2=-157, 2-11=-67 Concentrated Loads (b) Vert: 22-24=7, 1-2=-157, 2-11=-67 Concentrated Loads (b) Vert: 22-24=7, 1-2=-157, 2-11=-67 Concentrated Loads (b) Vert: 22-24=7, 1-2=-157, 2-11=-67 Concentrated Loads (c) Vert: 22-	WEBS 2x4 SP No	o.3(flat)							
FORCES. (b) - Max. Comp./Max. Ten All forces 250 (b) or less except when shown. TOP CHORD 1:24=:29400, 1:2-=29700, 2:3=-57500, 3:4=-57500, 4:5=-6197/0, 5:6=-6149/0, 6:7=-5796/0, 7:8=-5049/0, 8=3:8200, 9:10=:20800, 1:2:3=-01700, 2:2:2:2:0/6071, 20:2:1=0/6301, 18:19=0-0/5796, 1:7:18=0/5796, 1:6:17=0/5796, 1:5:16=0/4535, 1:4:15=0/3051, 1:3:14=0/3081, 1:2:13=0/1085 WEBS 6:18=:5110, 7:17=0/547, 7:16=-11230, 8:16=0/725, 8:15=:908/0, 9:15=0965, 9:13=:1246/0, 10:13=0/1264, 1:0:12=:1422/0, 1:23:0:0/4089, 2:23=:3959/0, 6:19=0/739, 5:19=:364/0, 4:22=:382/0 NOTES (7) 1) Unbalanced floor live loads have been considered for this design. 3) All plates unless otherwise indicated. 3) Refer to girder(s) for truss to truss connections. 4) Load case(g) 1) Dead signed 726 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. EVAD CASE(S) 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pfl) Wet: 12:24=7, 1:2=:157, 2:11=-67 Concentrated Loads (pl) Wet: 12:24=7, 1:2=:157, 2:17=, 2:1	REACTIONS. (lb/size)	24=3001/Mechanical, 12=9	53/0-3-8 (min. 0-1-8)						
PURCES: (b) - Max. Comp.Max. 2000; Di 24=2500; D) or the seaked purchase accept when shown. 124=23400; 1-22=20800; 3-4=5500; 3-4=5500; 3-4=5500; 4-5=61970; 5-6=6197									
BOT CHORD 22-33-073 0.1-0-20800 BOT CHORD 22-33-073 0.21-22-06(0071, 20-21-06(301, 18-20-06(301, 18-19=0/5796, 16-17=0/5796, 15-16=0/4535, 14-15=0/3061, 13-14=0/3061, 12-13=0/1085 WEBS 6-18=-511/0, 7-17=0/547, 7-16=-1123/0, 8-16=0/725, 8-15=-908(0, 9-15=-0/965, 9-13=-1246/0, 10-13=0/1264, 10-12=-1422/0, 1-23=-0/4009, 2-23=-3959/0, 6-19=-07739, 5-19=-364/0, 4-22=-382/0 NOTES- (7) 1) Unbalanced floor live loads have been considered for this design. 2) All plates are MT20 plates unless otherwise indicated. 3) Refer to grider(s) for truss to truss connections. 4) 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. 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131* X 3*) nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 6) CAUTION, Do not erect truss backwards. CADA CASE(S) 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pf) Vert: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (h) Vert: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (pl) Vert: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (pl) Vert: 12-24=-7, 1-2=-157, 2-1=-67, 7-11=-13 0/11/2024 Comment and Loads (pl) Vert: 12-24=-7, 1-2=-157, 2-7=-67, 7-11=-13 0/11/2024	TOP CHORD 1-24=-29	mp./wax. Ten All forces 2	50 (ib) of less except when sho 50/0, 3-4=-5750/0, 4-5=-6197/0	own.). 5-6=-6149/0. 6-7=-5	796/0. 7-8	=-5049/0.			
BOT CHORD 22-23=0/5730, 21-22=0/6071, 20-21=0/6301, 19-20=0/6301, 18-19=0/5796, 17-18=0/5796, 16-17=0/5796, 15-16=0/4535, 14-15=0/3061, 13-14=	8-9=-382	0/0, 9-10=-2080/0							
WEBS 6-10851100, 7-17=0/347, 7-16=-11230, 8-16=0/725, 8-15=-908/0, 9-15=-0/965, 9-13=-1246/0, 10-13=0/1264, 10-12=-1422/0, 1-23=0/4089, 2-23=-3959/0, 6-19=-0/739, 5-19=-364/0, 4-22=-382/0 NOTES- (7) 1) Unbalanced floor live loads have been considered for this design. 2) All plates are MT20 plates unless otherwise indicated. 3) Refer to gitder(s) for trues to truss connections. 4) 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. 5) Recommend 2x8 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131* X 3*) nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 6) CAUTION, Do not erect truss backwards. LOAD CASE(S) 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pf) Vert: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (b) Vert: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (b) Vert: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (b) Vert: 12-24=-7, 1-2=-157, 2-7=-67, 7-11=-13	BOT CHORD 22-23=0/ 14-15=0/	'5730, 21-22=0/6071, 20-21 '3061_13-14=0/3061_12-13	=0/6301, 19-20=0/6301, 18-19: =0/1085	=0/5796, 17-18=0/579	6, 16-17=0	0/5796, 15-16=0/4	4535,		
 10-12=-1422/0, 1-23=0/4089, 2-23=-3959/0, 6-19=0/739, 5-19=-364/0, 4-22=-382/0 NOTES- (7) Unbalanced floor live loads have been considered for this design. All plates are MT2D plates unless otherwise indicated. Refer to girder(s) for truss to truss connections. 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. 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. CADI CASE(S) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00, Uniform Loads (pl) Vert: 12-24-7, 1-2=-157, 2-11=-67 Concentrated Loads (h) Vert: 12-24-7, 1-2=-157, 2-11=-67 Concentrated Loads (h) Vert: 12-24-7, 1-2=-157, 2-11=-67 Concentrated Loads (h) Vert: 12-24-7, 1-2=-157, 2-71=-67 So Is the ase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-24-7, 1-2=-157, 2-7=-67, 7-11=-13 20/21/2024	WEBS 6-18=-51	1/0, 7-17=0/547, 7-16=-112	3/0, 8-16=0/725, 8-15=-908/0,	9-15=0/965, 9-13=-12	46/0, 10-1	3=0/1264,			
NOTES- (7) 1) Unbalanced floor live loads have been considered for this design. 2) All plates are MT20 plates unless otherwise indicated. 3) Refer to girder(s) for truss to truss connections. 4) 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. 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 6) CAUTION, Do not erect truss backwards. LOAD CASE(S) 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00, Uniform Loads (pf) Vert: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (b) Vert: 22-2394 3) Is the chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00, Uniform Loads (pf) Vert: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (b) Vert: 22-2394 3) Is the chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00, Uniform Loads (pf) Vert: 12-24=-7, 1-2=-157, 2-71=-67, 7-11=-13	10-12=-1	422/0, 1-23=0/4089, 2-23=-	3959/0, 6-19=0/739, 5-19=-364	4/0, 4-22=-382/0					
 I) Unbalanced floor live loads have been considered for this design. 2) All plates are MT20 plates unless otherwise indicated. 3) Refer to grider(5) for truss to truss connections. 4) 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. 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 6) CAUTION, Do not erect truss backwards. LOAD CASE(5) 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pif) Vert: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (lb) Vert: 22-234 2) Dead: Lumber Increase=1.00, Plate Increase=1.00, Plate Increase=1.00 Uniform Loads (pif) Vert: 22-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (lb) Vert: 22-24=-7, 1-2=-157, 2-7=-67, 7-11=-13 	NOTES (7)								
 2) All plates are MT20 plates unless otherwise indicated. 3) Refer to girder(s) for truss to truss connections. 4) 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. 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 6) CAUTION, Do not erect truss backwards. LOAD CASE(5) 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pif) Vert: 2-2-394 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pif) Vert: 2-2-394 3) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pif) Vert: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (b) Vert: 2-2-394 3) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pif) Vert: 12-24=-7, 1-2=-157, 2-7=-67, 7-11=-13 	1) Unbalanced floor live lo	oads have been considered	for this design.						
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 1) base of this fuse. 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. 6) 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: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (plf) Vert: 12-24=-7, 1-2=-157, 2-7=-67, 7-11=-13 <i>9/11/2024</i> Warning Interview Protect State Part and treat notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertually. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss	3) Refer to girder(s) for tri 4) Load case(s) 1 2 3 4	uss to truss connections. 5 6 has/have been modified	ed. Building designer must revi	ew loads to verify that	they are o	orrect for the inte	nded		
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be attached to Walls at their outer ends or restrained by other means. 6) 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: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (lb) Vert: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (lb) Vert: 2=-2394 3) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-24=-7, 1-2=-157, 2-7=-67, 7-11=-13 Vert: 12-24=-7, 12-2157, 1	5) Recommend 2x6 stron	gbacks, on edge, spaced at	10-0-0 oc and fastened to eac	ch truss with 3-10d (0	.131" X 3")	nails. Strongbac	ks to		
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Vert: 12-24=-7, 1-2=-157, 2-11=-67 Concentrated Loads (lb) Vert: 2=-2394 3) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-24=-7, 1-2=-157, 2-7=-67, 7-11=-13 9/11/2024 Concentrated vertically design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the	Uniform Loads (plf)						2814	7	
Vert: 2=-2394 3) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-24=-7, 1-2=-157, 2-7=-67, 7-11=-13 9/11/2024 warning !Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the	Vert: 12-24=-7	, 1-2=-157, 2-11=-67					111	· / j	•
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9/11/2024 Continued on page 2000 Sector 2	Vert: 12-24=-7	, 1-2=-157. 2-7=-67. 7-11=-	13				Minn K. N	NOUMUN	
9/11/2024 Continued on page vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is for lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the		,,,,,	-				0/11	/2024	
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of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the	Warning !Verify design Continued on page 2	parameters and read notes be	fore use. This design is based only	upon parameters shown,	and is for an	individual building of	component to be installed	and loaded	-t
	of individual web members	only. Additional temporary brac	ting to ensure stability during constru	uction is the responsibility	of the erect	tor. Additional perm	anent bracing of the over	all structure is the	•

of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 0.0028 HONEYCUTT HILLS 448 ADA	AMS POINTE COURT ANGIER, NC
24-7625-F02	F208	Floor	2	1	Job Reference (optional)	# 52246
		Run 8	630 s. Jul 1	2 2024 Prin	nt: 8 630 s Jul 12 2024 MiTek Industries Inc.	Thu Sep 12 10:39:10 2024 Page 2

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Thu Sep 12 10:39:10 2024 Page 2 ID:9vTDwC2bJN39NxhIMk8CGOyOxYS-0NsK_HQqbqQ9eQfJHJQ8BkWNe3pihz0tmvPw_KyePpl

LOAD CASE(S)

Concentrated Loads (lb) Vert: 2=-2394

4) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf) Vert: 12-24=-7, 1-2=-103, 2-6=-13, 6-11=-67

Concentrated Loads (lb)

- Vert: 2=-2394
- 5) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-24=-7, 1-2=-157, 2-7=-67, 7-11=-13

Concentrated Loads (lb)

Vert: 2=-2394

6) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 12-24=-7, 1-2=-103, 2-6=-13, 6-11=-67 Concentrated Loads (lb)

Vert: 2=-2394





1	8-10-2		'0-8-0'0-8-0'					9-10-2		1
Plate Offsets (X	Y) [1:Edge,0-1-8], [7:0-1-8,Ec	dge], [8:0-1-8,Edge], [1	3:0-1-8,Edge]							
LOADING (psf)	SPACING- 1	1-4-0 CSI .		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL	1.00 TC	0.40	Vert(LL)	-0.30	20	>781	480	MT20	244/190
TCDL 10.0	Lumber DOL	1.00 BC	0.75	Vert(CT)	-0.42	20	>568	360		
BCLL 0.0	Rep Stress Incr	YES WB	0.42	Horz(CT)	0.07	14	n/a	n/a		
BCDL 5.0	Code IRC2021/TPI2	2014 Mati	rix-SH						Weight: 103 lb	FT = 20%F, 11%E
LUMBER-		·		BRACING		o				o "

9-6-210-2-2

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

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

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

20-0-4

REACTIONS. (lb/size) 25=727/Mechanical, 14=727/0-3-8 (min. 0-1-8)

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

8-10-2

TOP CHORD 13-14=-725/0, 2-3=-1350/0, 3-4=-2524/0, 4-5=-2524/0, 5-6=-2524/0, 6-7=-3192/0, 7-8=-3441/0, 8-9=-3342/0,

9-10=-2864/0, 10-11=-2864/0, 11-12=-1887/0, 12-13=-505/0

- BOT CHORD 24-25=0/666, 23-24=0/2015, 22-23=0/2957, 21-22=0/3441, 20-21=0/3441, 19-20=0/3441, 18-19=0/3211, 17-18=0/2453, 16-17=0/2453, 15-16=0/1299
- WEBS 7-22=-476/6, 6-22=0/381, 6-23=-552/0, 3-23=0/651, 3-24=-865/0, 2-24=0/891, 2-25=-977/0, 8-19=-349/133, 9-19=-4/291, 9-18=-443/0, 11-18=0/526, 11-16=-737/0, 12-16=0/765, 12-15=-1034/0, 13-15=0/842

NOTES- (5-6)

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

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

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

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

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

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty Ply	y LOT 0.0028 HONEYCUTT F	HILLS 448 ADAMS POINTE COURT ANGIER, N
24-7625-F02	F209A	Floor	5	1 Job Reference (optional	# 52246
			Run: 8.630 s Jul 12 20 ID:WqGEjhAqGZ	024 Print: 8.630 s Jul 12 2024 MiTek ZsGZLrD2cp_4YygjI1-zm_4PzS	Industries, Inc. Thu Sep 12 10:39:12 2024 Page 47SgstjpiPkTcG9cqzsYw91VADDu13CyePt
0-10-2 1-3-0)		1-4-0		1-3-2
					Scale = 1:27.
	3x8 FP=	1.5x3			1.5x3
					10 11 10 11 10 11 10 11 10 11 10 11 10 11
21	20	19 18	17 16	15 14	13
3x6 =		3x8 =	1.5x3 1.5x3	3x8 FP=	
I	<u>8-10-</u> 8-10	2	9-6-2 10-2-2	<u>16-8-</u>	4
Plate Offsets (X,Y) [1:	Edge,0-1-8], [7:0-1-8,Edge], [8:0-1-8,Edge]	0-0-0 0-0-0	0-0-2	
LOADING (psf) TCLL 40.0	SPACING- 1-4 Plate Grip DOL 1.0	-0 CSI. 10 TC 0.32	DEFL. in (I Vert(LL) -0.16 17	oc) I/defl L/d -18 >999 480	PLATES GRIP MT20 244/190

LOWIDER	L	U	М	в	Е	R-	
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TCDL

BCLL

BCDL

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

10.0

0.0

5.0

BRACING-TOP CHORD BOT CHORD

Vert(CT)

Horz(CT)

-0.22 17-18

12

0.04

>884

n/a

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

Weight: 85 lb

FT = 20%F, 11%E

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

360

n/a

REACTIONS. (lb/size) 21=605/Mechanical, 12=605/0-3-8 (min. 0-1-8)

Lumber DOL

Rep Stress Incr

Code IRC2021/TPI2014

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

1.00

YES

TOP CHORD 2-3=-1092/0, 3-4=-1092/0, 4-5=-1961/0, 5-6=-1961/0, 6-7=-2332/0, 7-8=-2344/0, 8-9=-2013/0, 9-10=-1240/0

BOT CHORD 20-21=0/553, 19-20=0/1609, 18-19=0/2260, 17-18=0/2344, 16-17=0/2344, 15-16=0/2344, 14-15=0/1726, 13-14=0/1726, 12-13=0/727

BC

WB

Matrix-SH

0.65

0.33

WEBS 6-19=-382/0, 4-19=0/449, 4-20=-674/0, 2-20=0/702, 2-21=-811/0, 8-15=-497/0, 9-15=0/392, 9-13=-632/0, 10-13=0/668, 10-12=-925/0

NOTES- (5-6)

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

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

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

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

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

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

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0028 HONEYCU	TT HILLS 448 ADAMS P	OINTE COURT ANGIER,	NC
24-7625-F02	F209B	Floor	1	1	Job Reference (optic	onal)	# 52246	
			Run: 8.630 s Jul 12 ID:WgG	2024 Prin EjhAqGZ	t: 8.630 s Jul 12 2024 Mi sGZLrD2cp 4Yygil1-	Tek Industries, Inc. Thu S RyYTcJSitlojVtOuzS rg	ep 12 10:39:13 2024 Page M8?hGtluTlJStdabfyel	∋1 Ppi
0-10-2 1-3-0		F	1-4-0		12 90	, , _,	0-11-10	·
							Scale = 1:31	12
	3x8 FP= 1.5x3				1.5x3		1.5x3	
1 2 _{T1}	3 4 5	6 7	8 T2	9	10	11	12 13	
		र वि		F		R		0
						B		1-2-
								l
24	23 22	21 20	19 18		17	16 15	4	
3x6 =	3x8 =	= 1.5x3	1.5x3		3x8 =	3x8 FP=		
-	8-10-2	9.	-6-2 10-2-2		19-0-4			
Plate Offsets (X,Y) [1:Edge,0-1-8], [7:0-1-8,Edge], [8:0-1-8,Edge]	-8-0 0-8-0		0-10-2			_
LOADING (psf)	SPACING- 1-4-	0 CSI.	DEFL. in	(loc)	l/defl L/d	PLATES	GRIP	
TCLL 40.0 TCDI 10.0	Plate Grip DOL 1.0	0 TC 0.32 0 BC 0.64	Vert(LL) -0.24 Vert(CT) -0.34	19-20 > 19-20 >	>928 480 >674 360	MT20	244/190	
BCLL 0.0	Rep Stress Incr YE	S WB 0.40	Horz(CT) 0.06	14	n/a n/a	Waight: 09 lb	ET - 200/ E 110/ F	_
BCDL 5.0		4 Matrix-SH					FT = 20%F, TT%E	-
LUMBER- TOP CHORD 2x4 SP	No.1(flat)		BRACING- TOP CHORD	Structura	al wood sheathing c	lirectly applied or 6-0	-0 oc purlins, except	t
BOT CHORD 2x4 SP	No.1(flat) No.3(flat)			end verti Rigid cei	icals. iling directly applied	l or 10-0-0 oc bracino	1	
) 04.004/Mashariash 44.0	201/0 0 0 (min 0 1 0)	Der enere	r tigita oci	ining an eoury applied			
REACTIONS. (ID/SIZE) 24=691/Mechanical, 14=6	91/0-3-8 (min. 0-1-8)						
FORCES. (Ib) - Max. TOP CHORD 2-3=-1	Comp./Max. Ten All forces 273/0. 3-4=-1273/0. 4-5=-23	250 (lb) or less except when sho 55/0, 5-6=-2355/0, 6-7=-2934/0.	own. . 7-8=-3112/0. 8-9=-2943	3/0. 9-10	=-2375/0.			
10-11 22.24	=-2375/0, 11-12=-1304/0	-0/2748 20 21-0/2112 10 20-	0/2112 19 10-0/2112	17 10-0	/2762 16 17-0/101	0		
15-16	=0/1919, 14-15=0/668	2-0/2746, 20-21-0/3112, 19-20-	0/3112, 16-19-0/3112,	17-10-0/	2763, 16-17-0/191	9,		
WEBS 7-21= 9-18=	-399/49, 6-21=0/327, 6-22=-{ 0/321, 9-17=-494/0, 11-17=0	501/0, 4-22=0/590, 4-23=-808/0, /582, 11-15=-800/0, 12-15=0/82	2-23=0/834, 2-24=-928/ 8, 12-14=-950/0	0, 8-18=	391/56,			
NOTES- (5-6)								
1) Unbalanced floor liv	e loads have been considere	ed for this design.						
3) Refer to girder(s) for	r truss to truss connections.	et 10.0.0. as and faster at the sa			naile. Other also sta			

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

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

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

LOAD CASE(S) Standard



Job Truss	ss Tru:	uss Type	Qty	Ply	LOT 0.0028 HONEYCUTT HILLS 448 ADA	AMS POINTE COURT A	NGIER, NO
24-7625-F02 F210	D Floo	or Supported Gable	1	1	Job Reference (optional)	# 5224	6

Run: 8.630 s_Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc._Thu Sep 12 10:39:14 2024 Page 1 ID:WqGEjhAqGZsGZLrD2cp_4Yygjl1-v85rpfTKe3wa61z5W9V4LahETgNSd0hSgXN775yePph

Scale = 1:25.7



			16-4-12					
Plate Offsets (X,Y)	[8:0-1-8,Edge], [23:0-1-8,Edge]							
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	ı (loc) ı - ı - ı -) 16	l/defl n/a S n/a S n/a	L/d 999 999 n/a	PLATES MT20 Weight: 70 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF	P No.1(flat) P No.1(flat)		BRACING- TOP CHORD	Struct end ve	ural wood s erticals.	heathing directly	applied or 10	0-0 oc purlins, except

16-4-12

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

BOT CHORD

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

REACTIONS. All bearings 16-4-12.

(lb) - Max Uplift All uplift 100 lb or less at joint(s) 16

Max Grav All reactions 250 lb or less at joint(s) 30, 16, 29, 28, 27, 26, 25, 24, 23, 22, 21, 19, 18, 17

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

NOTES-(7-8)

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

2) Gable requires continuous bottom chord bearing.

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

Gable studs spaced at 1-4-0 oc.

5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 16

6) 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.

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

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

LOAD CASE(S) Standard





REACTIONS. (lb/size) 6=191/0-3-8 (min. 0-1-8), 4=191/Mechanical

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. WEBS 2-4=-271/0

NOTES- (3)

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

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

LOAD CASE(S) Standard







2x4 SP No.3(flat)

BOT CHORD

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

REACTIONS. (lb/size) 5=147/0-3-8 (min. 0-1-8), 3=153/Mechanical

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

NOTES-(4)

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

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

3) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0028 HONEYCUTT HILLS 448 ADAMS POINTE	ECOURT ANGIER, NO
24-7625-F02	F215	Floor Supported Gable	1	1	Job Reference (optional) #	52246

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MITek Industries, Inc. Thu Sep 12 10:39:16 2024 Page 1 ID:WqGEjhAqGZsGZLrD2cp_4YygjI1-rXDbELVbAgAIML7TeaXYQ?mazT3w5wBl8qsEC_yePpf

Scale = 1:24.7



- F				15 0 11					
				15-8-14					· .
Plate	Offsets (X,Y)	[6:0-1-8,Edge], [20:0-1-8,Edge]							
LOAD TCLL TCDL BCLL	ING (psf) 40.0 10.0 0.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	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	(loc) - - 14	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20	GRIP 244/190
DODL	5.0	000001110202021/1112014	Matilx-OT					Weight. 07 lb	11 - 20701, 1170E
LUMB TOP (BOT (ER- CHORD 2x4 SF CHORD 2x4 SF	- ? No.1(flat) ? No.1(flat)		BRACING- TOP CHORD	Struct end ve	ural wood erticals.	d sheathing	directly applied or 10	I-0-0 oc purlins, except
WEBS	6 2x4 SF	^o No.3(flat)		BOT CHORD	Rigid	ceiling di	rectly applie	d or 10-0-0 oc bracin	g.

15-8-14

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

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

REACTIONS. All bearings 15-8-14.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 26, 14, 25, 24, 23, 22, 21, 20, 19, 18, 17, 16, 15

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

NOTES-(6-7)

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

2) Gable requires continuous bottom chord bearing.

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

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

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

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

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

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

LOAD CASE(S) Standard





	5-6-14 5-6-14	6-2-14 6-10-14 0-8-0 0-8-0	<u>15-8-14</u> 8-10-0	
Plate Offsets (X,Y)	[4:0-1-8,Edge], [5:0-1-8,Edge], [19:Ed	dge,0-1-8]		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.55 BC 0.99 WB 0.51 Matrix-SH	DEFL. in (loc) I/defl L/d Vert(LL) -0.21 14-15 >873 480 Vert(CT) -0.29 14-15 >636 360 Horz(CT) 0.05 11 n/a n/a	PLATES MT20 GRIP 244/190 Weight: 80 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SI BOT CHORD 2x4 SI	P No.1(flat) P No.1(flat)		BRACING- TOP CHORD Structural wood sheathing d end verticals.	irectly applied or 6-0-0 oc purlins, except

WEBS 2x4 SP No.3(flat) BOT CHORD Rigid ceiling directly applied or 2-2-0 oc bracing.

REACTIONS. (lb/size) 19=859/0-3-6 (min. 0-1-8), 11=859/0-3-0 (min. 0-1-8)

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

TOP CHORD 2-3=-1179/0, 3-4=-2469/0, 4-5=-3071/0, 5-6=-3158/0, 6-7=-2733/0, 7-8=-2733/0, 8-9=-1565/0

BOT CHORD 18-19=0/352, 17-18=0/1965, 16-17=0/3071, 15-16=0/3071, 14-15=0/3071, 13-14=0/3123, 12-13=0/2276, 11-12=0/821

4-16=-25/288, 5-15=-266/47, 4-17=-823/0, 3-17=0/656, 3-18=-1024/0, 2-18=0/1075, 2-19=-1016/0, 5-14=-231/315, WEBS

6-13=-498/0, 8-13=0/583, 8-12=-925/0, 9-12=0/970, 9-11=-1172/0

NOTES-(4-5)

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

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

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

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

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

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

LOAD CASE(S) Standard





		0011		021				10 1			10 9 0	10 0 0
	r	5-6-14		0-8-0	0-8-0			6-3-0)		0-1-8	2-2-0
Plate Of	fsets (X,Y)	[4:0-1-8,Edge], [5:0-1-8,Edge]	dge], [9:0-1-8	8,Edge], [19:	Edge,0-1-8]							
LOADIN TCLL TCDL BCLL	G (psf) 40.0 10.0 0.0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 1.00 1.00 YES	CSI. TC BC WB	0.30 0.59 0.41	DEFL. Vert(LL) Vert(CT) Horz(CT)	in -0.10 -0.13 0.03	(loc) 15 15 12	l/defl >999 >999 n/a	L/d 480 360 n/a	PLATES MT20	GRIP 244/190
BCDL	5.0	Code IRC2021/TPI	2014	Matrix	-SH						Weight: 81 lb	FT = 20%F, 11%E
LUMBER TOP CH BOT CH	R- ORD 2x4 SF ORD 2x4 SF	' P No.1(flat) P No.1(flat)				BRACING TOP CHC	- RD	Structurend ver	ral wood ticals.	sheathing di	rectly applied or 6-0	0-0 oc purlins, except

WEBS 2x4 SP No.3(flat) BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing.

13-3-6

15-5-6

13-1-14

REACTIONS. (Ib/size) 12=971/0-3-8 (min. 0-1-8), 19=701/0-3-6 (min. 0-1-8) Max Grav 12=971(LC 1), 19=715(LC 3)

5-6-14

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

TOP CHORD 2-3=-954/0, 3-4=-1898/0, 4-5=-2220/0, 5-6=-2036/0, 6-7=-1260/0

BOT CHORD 18-19=0/294, 17-18=0/1584, 16-17=0/2220, 15-16=0/2220, 14-15=0/2220, 13-14=0/1816, 12-13=-21/680

8-12=-285/0, 4-17=-503/0, 3-17=0/422, 3-18=-820/0, 2-18=0/859, 2-19=-847/0, 5-14=-426/2, 6-14=0/367, 6-13=-746/0, WEBS 7-13=0/779.7-12=-992/0

6-2-14 6-10-14

NOTES-(5-6)

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

All plates are 3x4 MT20 unless otherwise indicated.

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

4) CAUTION, Do not erect truss backwards.

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

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

LOAD CASE(S) Standard





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

9/11/2024

Job	Truss	Truss Type	Qty	Ply L	OT 0.0028 HONEYCUT	IT HILLS 448 ADAMS	POINTE COURT ANGIER, NO
24-7625-F02	F219	Floor	1	1	ob Reference (option	nal)	# 52246
07 <mark>3-14 1-3-0</mark>		<u> </u>	Run: 8.630 s Jul 1. ID:WqGEj	2 2024 Print: & hAqGZsGZL 0-11-12	3.630 s Jul 12 2024 Miī _rD2cp_4Yygjl1-kIT6	Tek Industries, Inc. Thu 34iY5EvgkryQEtQcU	Sep 12 10:39:20 2024 Page 1 brxBT5lc1drL3SqSLlyePpb
4x4 = 1.5x3 1 2 1 2 2 4 2 4 4x4 =	3 1 22 1.	4 5 B 21 20 19 5x3 1.5x3	3x8 FP= 4 6 7 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	x4 = 3x 3 9 • • • • • • • • • • • • • • • • • • •	$rac{16}{16} =$	10 • E 15 14 3x8 FP=	1.5x3 11 12 11 12 12 13
Plate Offsets (X,Y) [4:0-	<u>5-6-14</u> 5-6-14 -1-8,Edge], [5:0-1-8,Edge],	6-10-14 6-2-14 0-8-0 0-8-0 [[24:Edge,0-1-8]	<u>13-1-10</u> 6-2-12	+	1	<u>19-5-6</u> 6-3-12	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING-2-0-0Plate Grip DOL1.00Lumber DOL1.00Rep Stress IncrYESCode IRC2021/TPI2014	CSI. TC 0.42 BC 0.53 WB 0.44 Matrix-SH	DEFL. in Vert(LL) -0.07 Vert(CT) -0.10 Horz(CT) 0.02	(loc) l/d 21 >9 21 >9 17 ו	lefi L/d 199 480 199 360 n/a n/a	PLATES MT20 Weight: 99 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No	.1(flat) .1(flat) .3(flat)		BRACING- TOP CHORD BOT CHORD	Structural end vertica Rigid ceilir	wood sheathing di als. ng directly applied	irectly applied or 6- or 6-0-0 oc bracing	-0-0 oc purlins, except g.
REACTIONS. (Ib/size) Max Uplift Max Grav	13=108/0-3-8 (min. 0-1-8), 13=-126(LC 3) 13=264(LC 4), 17=1412(LC	17=1412/0-3-8 (min. 0-1-8), 24 1), 24=614(LC 3)	=606/0-3-6 (min. 0-1-	8)			
FORCES. (lb) Hax. Cor TOP CHORD 2-3=-795. 10-11=-2 BOT CHORD 23-24=0/. 17-18=-5 WEBS 9-17=-63. 6-19=0/4 10-14=0/2	np./Max. Ten All forces 2 /0, 3-4=-1496/0, 4-5=-1623/ 80/367 253, 22-23=0/1315, 21-22= 74/0, 16-17=-1359/0, 15-16 4/0, 4-22=-255/24, 3-23=-6 72, 6-18=-883/0, 8-18=0/92 327, 11-14=-282/41, 11-13=	50 (Ib) or less except when sho 0, 5-6=-1243/0, 8-9=0/1359, 9- 0/1623, 20-21=0/1623, 19-20=(=-619/278, 14-15=-619/278 77/0, 2-23=0/706, 2-24=-729/0, 1, 8-17=-1131/0, 9-16=0/729, 1 =-338/205	wn. 10=0/933, 0/1623, 18-19=0/889, 5-19=-524/0, 0-16=-670/0,				
NOTES- (6-7) 1) Unbalanced floor live lo 2) All plates are 3x4 MT2(3) Provide mechanical co 4) Recommend 2x6 strong be attached to walls at 5) CAUTION, Do not erec 6) Graphical web bracing the member must be bi 7) Bearing symbols are or	bads have been considered of unless otherwise indicated nnection (by others) of truss gbacks, on edge, spaced at their outer ends or restraine t truss backwards. representation does not de aced.	for this design. d. s to bearing plate capable of wit 10-0-0 oc and fastened to eac ed by other means. pict the size, type or the orienta s of a possible bearing conditio	hstanding 126 lb uplift h truss with 3-10d (0.1 tion of the brace on the n. Bearing symbols are	at joint 13. 31" X 3") n e web. Sym e not consid	ails. Strongbacks bol only indicates dered in the structu	to that ural	(11)1111.
design of the truss to si	upport the loads indicated.	-				SEAL 2814 2814 2814	AOUNA AND AND AND AND AND AND AND AND AND A

9/11/2024

Job	Truss	Truss Type	Qty	Ply LOT 0.0028 HC	DNEYCUTT HILLS 448 ADAMS I	POINTE COURT ANGIER, NO
24-7625-F02	F220	Floor	2	1	, , , , , , , , , , , , , , , , , , , ,	# 52246
			Run: 8.630 s Jul 12	Job Reference 2 2024 Print: 8.630 s Jul 12	2024 MiTek Industries, Inc. Thu	Sep 12 10:39:21 2024 Page 1
0-3-14 1-3-0	. 1-	4-0 ,	0-11-12 1-	ZsGZLrD2cp_4+ygji1-C 3-8	,010122j?D0DS6?RR77j721N	/ю∪ерт4_0н62?tByePpa , 1-5-4 ,
	<u> </u>					
4x4 —						Scale = 1:37.5
1.5x3		3x8	FP= 4x4 = 3x6 =			3x6 =
1 w2		5 6 7	89 = 191 [191	10 т	2 11 12 2 हिरो हिरे	13
			W4	V5	B2	W6 W1 -2-L
j <u>terne ser</u>	<u>187</u> 0					<u>tet</u> e
28 27	26 25	24 23 22	2 ŽĪ	20 19 4×4 - 3×8 EB-	18 17 16	15 14
4x4 —	1.5x5	1.5x5 4x4	4 - 3x0 -	4x4 — 5x6 FF —	1.5x5 1.5x5	
	5-6-14 6-2-1 5-6-14 0-8-0	6-10-14 4 13-1-10 0-8-0 6-2-12 6-2-12		<u>18-5-2</u> 5-3-8	19-9-2 <u>19-1-2</u> 0-8-0 ¹ 0-8-0	22-9-14 3-0-12
Plate Offsets (X,Y) [4:0	1-1-8,Edge], [5:0-1-8,Edge],	[11:0-1-8,Edge], [12:0-1-8,Edge],	[28: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 0.44 BC 0.55 WB 0.45 Matrix-SH	DEFL. in Vert(LL) -0.07 Vert(CT) -0.10 Horz(CT) 0.02	(loc) l/defl L/d 25 >999 480 25 >999 360 21 n/a n/a	PLATES MT20 Weight: 116 II	GRIP 244/190 b FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No	0.1(flat) 0.1(flat) 0.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood shea end verticals. Rigid ceiling directly a	thing directly applied or 6-0	D-0 oc purlins, except
REACTIONS. (Ib/size) Max Grav	14=368/Mechanical, 21=15 14=442(LC 4), 21=1519(LC	19/0-3-8 (min. 0-1-8), 28=603/0-3 ; 1), 28=634(LC 10)	3-6 (min. 0-1-8)			
FORCES. (lb) - Max. Co TOP CHORD 13-14=-4 7-8=-428 BOT CHORD 27-28=0/ 21-22=-6 16-17=-9 WEBS 9-21=-74 6-23=0/4 10-20=-8	mp./Max. Ten All forces 2 (33/0, 2-3=-827/0, 3-4=-157 (272, 8-9=0/1481, 9-10=0/7) (261, 26-27=0/1369, 25-26= (78/0, 20-21=-1481/0, 19-20) (3/858, 15-16=-93/858 (1/0, 3-26=0/270, 3-27=-705) (90, 6-22=-897/0, 8-22=0/93) (323/0, 9-20=0/916, 12-15=-4)	250 (lb) or less except when shown 6/0, 4-5=-1741/0, 5-6=-1400/0, 6- 777, 10-11=-679/319, 11-12=-858/ 50/1741, 24-25=0/1741, 23-24=0/1)=-513/473, 18-19=-513/473, 17-1 5/0, 2-27=0/736, 2-28=-752/0, 5-23 66, 8-21=-1105/0, 11-18=-465/0, 1 191/107, 13-15=-12/568	n. 7=-428/272, /93, 12-13=-473/10 741, 22-23=-63/107; 8=-93/858, 3=-568/0, 0-18=0/395,	3,		
NOTES- (6-7) 1) Unbalanced floor live I 2) All plates are 3x4 MT2 3) Refer to girder(s) for tr 4) Recommend 2x6 strom be attached to walls at 5) CAUTION, Do not erec 6) Graphical web bracing the member must be b 7) Bearing symbols are o design of the truss to s	oads have been considered 0 unless otherwise indicate uss to truss connections. gbacks, on edge, spaced a their outer ends or restrain at truss backwards. representation does not de raced. nly graphical representation upport the loads indicated.	l for this design. d. t 10-0-0 oc and fastened to each ed by other means. pict the size, type or the orientatic is of a possible bearing condition.	truss with 3-10d (0.1 on of the brace on the Bearing symbols are	31" X 3") nails. Stron web. Symbol only inc not considered in the	gbacks to dicates that e structural	ROUT
LOAD CASE(S) Standard	1				SEAL 28147 SHALL 28147	ER AS INTERNET

9/11/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0028 HONEYCU	TT HILLS 448 ADAMS P	OINTE COURT ANGIER, NO
24-7625-F02	F221	Floor	1		1		# 52246
			Run: 8.630 s Jul 1	 12 2024 Pr	IJOD Reference (optio int: 8.630 s Jul 12 2024 Mi	nal) Tek Industries, Inc. Thu S	ep 12 10:39:22 2024 Page 1
0-3-14 1-3-0		1-4-0	0-11-12 1	GZLIDZC	p_4 rygji i-gnasvOzLm	1-4-0	u_qvxEevvinj v PayePpz
	H						<u>⊢ · • · − </u>
							Scale = 1:37.5
4×4 —							
1.5x3		3x8	FP = 4x4 = 3x6 =	=			3x6 =
¹ w2	3 <u>4</u>	5 6 7	8 9		10 T2	11 12	13
				W5		FI R	WE WI 9
				NN N			
							· · ·
28 27	26 25	24 23 22	2 21 4 - 3x6 -	20 4×4	19 18 — 2×9 ED—	17 16	15 14
4x4 —	1.535		4 — 500 —	484	- 3X0 FF-	1.5x5 1.5x5	
	561/ 62	6-10-14 14 13 1 10			19 5 2	19-9-2	22.0.14
Plata Officata (X X) [4	5-6-14 0-4	3-0 0-8-0 6-2-12 1 [11:0 1 8 Edge] [12:0 1 8 Edge]			5-3-8	0-8-0 0-8-0	3-0-12
	.0-1-0,Eugej, [5.0-1-6,Euge	j, [11.0-1-0,Eugej, [12.0-1-0,Euge],	[20.Euge,0-1-6]				
LOADING (psf) TCLL 40.0	SPACING- 2-0 Plate Grip DOL 1.0	-0 CSI. 00 TC 0.44	DEFL. in Vert(LL) -0.07	i (loc) 25	l/defl L/d >999 480	PLATES MT20	GRIP 244/190
TCDL 10.0	Lumber DOL 1.0	BC 0.55	Vert(CT) -0.10	25	>999 360		
BCDL 5.0	Code IRC2021/TPI20	4 Matrix-SH	H012(C1) 0.02	. 21	11/a 11/a	Weight: 116 lb	FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP N	No.1(flat)		TOP CHORD	Structu	ral wood sheathing d	irectly applied or 6-0	-0 oc purlins, except
WEBS 2x4 SP N	No.3(flat)		BOT CHORD	Rigid c	eiling directly applied	or 6-0-0 oc bracing.	
REACTIONS. (lb/size)	14=368/Mechanical, 21=	1519/0-3-8 (min. 0-1-8), 28=603/0-	3-6 (min. 0-1-8)				
Max Gra	v 14=442(LC 4), 21=1519(I	_C 1), 28=634(LC 10)					
FORCES. (lb) - Max. C	comp./Max. Ten All forces	250 (lb) or less except when show	'n.				
TOP CHORD 13-14= 7-8=-42	-433/0, 2-3=-827/0, 3-4=-1: 28/272, 8-9=0/1481, 9-10=0	576/0, 4-5=-1741/0, 5-6=-1400/0, 6-)/777, 10-11=-679/319, 11-12=-858	-7=-428/272, /93. 12-13=-473/10				
BOT CHORD 27-28=	0/261, 26-27=0/1369, 25-2	6=0/1741, 24-25=0/1741, 23-24=0/	1741, 22-23=-63/107	73,			
16-17=	-93/858, 15-16=-93/858	20515/475, 10-19515/475, 17-	10–-93/030,				
WEBS 9-21=- 6-23=0	741/0, 3-26=0/270, 3-27=-7 /490 6-22=-897/0 8-22=0/	05/0, 2-27=0/736, 2-28=-752/0, 5-2 936 8-21=-1105/0 11-18=-465/0 1	3=-568/0, 10-18=0/395				
10-20=	-823/0, 9-20=0/916, 12-15=	-491/107, 13-15=-12/568					
NOTES- (6-7)							
1) Unbalanced floor live 2) All plates are 3x4 MT	loads have been consider	ed for this design. ted					
3) Refer to girder(s) for	truss to truss connections.						
 Recommend 2x6 strong be attached to walls 	ongbacks, on edge, spaced at their outer ends or restra	at 10-0-0 oc and fastened to each ined by other means.	truss with 3-10d (0.7	131" X 3	") nails. Strongbacks	to	
5) CAUTION, Do not er	ect truss backwards.	denict the size, type or the orientativ	on of the brace on th	a web S	Symbol only indicates	that	
the member must be	braced.			e web. c	symbol only indicates	u iat	
 Bearing symbols are design of the truss to 	only graphical representati support the loads indicate	ons of a possible bearing condition. d.	. Bearing symbols ar	e not co	nsidered in the struct	ural white TH CAL	Chille
	and a second					STILL OFESSI	6 Nall
LOAD CASE(S) SIANDA	iiu					in lot	A Real Provide
						SEAL	
						28147	/ <u>F</u>

SEAL 28147 9/11/2024



	5-6-14 5-6-14	6-2-14 6-10-14 0-8-0 0-8-0	<u>15-9-14</u> 8-11-0	
Plate Offsets (X,Y)	[4:0-1-8,Edge], [5:0-1-8,Edge], [19:Ed	dge,0-1-8]		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.33 BC 0.67 WB 0.34 Matrix-SH	DEFL. in (loc) l/defl L/d Vert(LL) -0.15 14-15 >999 480 Vert(CT) -0.20 14-15 >938 360 Horz(CT) 0.03 11 n/a n/a	PLATES GRIP MT20 244/190 Weight: 80 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 S BOT CHORD 2x4 S WEBS 2x4 S	P No.1(flat) P No.1(flat) P No.3(flat)		BRACING- TOP CHORD Structural wood sheathing d end verticals. BOT CHORD Rigid ceiling directly applied	lirectly applied or 6-0-0 oc purlins, except

REACTIONS. (Ib/size) 19=576/0-3-6 (min. 0-1-8), 11=576/0-3-8 (min. 0-1-8)

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

- TOP CHORD 2-3=-791/0, 3-4=-1658/0, 4-5=-2065/0, 5-6=-2129/0, 6-7=-1853/0, 7-8=-1853/0, 8-9=-1083/0
- BOT CHORD 17-18=0/1318, 16-17=0/2065, 15-16=0/2065, 14-15=0/2065, 13-14=0/2110, 12-13=0/1553, 11-12=0/589

WEBS 4-17=-556/0, 3-17=0/442, 3-18=-687/0, 2-18=0/722, 2-19=-681/0, 6-13=-328/0, 8-13=0/383, 8-12=-612/0, 9-12=0/642,

NOTES- (4-5)

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

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

9-11=-810/0

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

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

LOAD CASE(S) Standard





1	5-6-14			0-2-14	10-10-14					13-7-0		1
	5-6-14			0-8-0	' 0-8-0 '					6-8-8		1
Plate Offsets (X,Y	') [4:0-1-8,Edge], [5:0-1-8,	Edge], [16:Edge	e,0-1-8]									
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr	1-4-0 1.00 1.00 YES	CSI. TC BC WB	0.21 0.44 0.29	DEFL. Vert(L Vert(C Horz(L) -0. T) -0. CT) 0	in 08 10 02	(loc) 12 12 9	l/defl >999 >999 n/a	L/d 480 360 n/a	PLATES MT20	GRIP 244/190
BCDL 5.0	Code IRC2021/TI	PI2014	Matri	x-SH		.,		-			Weight: 68 lb	FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 BOT CHORD 2x4	l SP No.1(flat) SP No.1(flat)				BRAC TOP C	NG- Hord	ę	Structu end ve	ural wood erticals.	d sheathing d	irectly applied or 6-	0-0 oc purlins, except

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WEBS 2x4 SP No.3(flat) BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 16=495/0-3-6 (min. 0-1-8), 9=495/0-3-8 (min. 0-1-8)

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

TOP CHORD 2-3=-664/0, 3-4=-1337/0, 4-5=-1586/0, 5-6=-1497/0, 6-7=-1027/0

- - - -

BOT CHORD 14-15=0/1104, 13-14=0/1586, 12-13=0/1586, 11-12=0/1586, 10-11=0/1375, 9-10=0/658

4-14=-376/0, 3-14=0/309, 3-15=-572/0, 2-15=0/600, 2-16=-586/0, 6-10=-453/0, 7-10=0/481, 7-9=-797/0 WEBS

NOTES-(4-5)

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

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

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

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

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

LOAD CASE(S) Standard





ŀ	5-6-14 5-6-14	6-2-14 6-10-14 0-8-0 0-8-0	<u>15-9-14</u> 8-11-0	I
Plate Offsets (X,Y)	[4:0-1-8,Edge], [5:0-1-8,Edge], [19:Ed	dge,0-1-8]		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.33 BC 0.67 WB 0.34 Matrix-SH	DEFL. in (loc) I/defl L/d Vert(LL) -0.15 14-15 >999 480 Vert(CT) -0.20 14-15 >938 360 Horz(CT) 0.03 11 n/a n/a	PLATES GRIP MT20 244/190 Weight: 80 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF	P No.1(flat) P No.1(flat) P No.3(flat)		BRACING- TOP CHORD Structural wood sheathing end verticals. BOT CHORD Rigid ceiling directly applied	directly applied or 6-0-0 oc purlins, except

WFBS 2x4 SP No.3(flat) Rigid ceiling directly applied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 19=576/0-3-6 (min. 0-1-8), 11=576/0-3-8 (min. 0-1-8)

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

- TOP CHORD 2-3=-791/0, 3-4=-1658/0, 4-5=-2065/0, 5-6=-2129/0, 6-7=-1853/0, 7-8=-1853/0, 8-9=-1083/0
- BOT CHORD 17-18=0/1318, 16-17=0/2065, 15-16=0/2065, 14-15=0/2065, 13-14=0/2110, 12-13=0/1553, 11-12=0/589
- 4-17=-556/0, 3-17=0/442, 3-18=-687/0, 2-18=0/722, 2-19=-681/0, 6-13=-328/0, 8-13=0/383, 8-12=-612/0, 9-12=0/642, WEBS 9-11=-810/0

NOTES-(4-5)

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

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

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

- be attached to walls at their outer ends or restrained by other means.
- 4) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
- 5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard





I	11-3	3-0	' 0-8-0 ' 0-8-0 '	5-6-14
Plate Offsets (X,Y)	[8:0-1-8,Edge], [9:0-1-8,Edge], [13:Ed	dge,0-1-8]		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.48 BC 0.91 WB 0.40 Matrix-SH	DEFL. in (loc) l/defl L/d Vert(LL) -0.25 18-19 >879 480 Vert(CT) -0.34 18-19 >639 360 Horz(CT) 0.05 13 n/a n/a	PLATES GRIP MT20 244/190 Weight: 92 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF	P No.1(flat) P No.1(flat)		BRACING- TOP CHORD Structural wood sheathing end verticals.	directly applied or 6-0-0 oc purlins, except

WEBS 2x4 SP No.3(flat)

18-1-14

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

11-11-012-7-0

REACTIONS. (lb/size) 13=661/0-3-6 (min. 0-1-8), 23=661/0-3-8 (min. 0-1-8)

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

TOP CHORD 2-3=-1195/0, 3-4=-2216/0, 4-5=-2216/0, 5-6=-2732/0, 6-7=-2732/0, 7-8=-2801/0, 8-9=-2569/0, 9-10=-1998/0,

11-3-0

10-11=-924/0 22-23=0/587, 21-22=0/1783, 20-21=0/2557, 19-20=0/2898, 18-19=0/2569, 17-18=0/2569, 16-17=0/2569, 15-16=0/1545, BOT CHORD

14-15=0/1545, 13-14=0/271

- WEBS 8-18=-257/0.9-17=0/272.8-19=-67/414.5-21=-436/0.3-21=0/552.3-22=-766/0.2-22=0/791.2-23=-878/0. 9-16=-750/0, 10-16=0/589, 10-14=-809/0, 11-14=0/850, 11-13=-781/0

NOTES-(4-5)

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

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

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

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

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

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

LOAD CASE(S) Standard





	L	7-11-0		8-7-0 9-3-0		14-9-14	
	1	7-11-0		0-8-0 0-8-0		5-6-14	
Plate Of	ffsets (X,Y)	[5:0-1-8,Edge], [6:0-1-8,Edge], [10:Ed	dge,0-1-8]				
LOADIN TCLL TCDL BCLL BCDL	G (psf) 40.0 10.0 0.0 5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.28 BC 0.57 WB 0.36 Matrix-SH	DEFL. in (loc) //deft Vert(LL) -0.11 14-15 >999 Vert(CT) -0.15 14-15 >999 Horz(CT) 0.03 10 n/a	L/d 480 360 n/a	PLATES MT20 Weight: 75 II	GRIP 244/190 FT = 20%F, 11%E
LUMBER TOP CH BOT CH	R- IORD 2x4 SF IORD 2x4 SF	P No.1(flat) P No.1(flat)		BRACING- TOP CHORD Structural we end verticals	od sheathing	directly applied or 6	-0-0 oc purlins, except

WFBS 2x4 SP No.3(flat) BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

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REACTIONS. (lb/size) 18=539/0-3-8 (min. 0-1-8), 10=539/0-3-6 (min. 0-1-8)

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

TOP CHORD 1-18=-535/0, 1-2=-603/0, 2-3=-1474/0, 3-4=-1474/0, 4-5=-1842/0, 5-6=-1849/0, 6-7=-1513/0, 7-8=-733/0

BOT CHORD 16-17=0/1141, 15-16=0/1774, 14-15=0/1849, 13-14=0/1849, 12-13=0/1849, 11-12=0/1221

- . . .

WEBS 4-16=-383/0, 2-16=0/426, 2-17=-701/0, 1-17=0/760, 6-12=-474/0, 7-12=0/379, 7-11=-635/0, 8-11=0/666, 8-10=-638/0

NOTES-(4-5)

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

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

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

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

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0028 HONEYCUTT HILLS 448 ADAMS P	DINTE COURT ANGIE	ER, NC
24-7625-F02	F226	Floor Supported Gable	1	1	Job Reference (optional)	# 52246	

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MITek Industries, Inc. Thu Sep 12 10:39:27 2024 Page 1 ID:WqGEjhAqGZsGZLrD2cp_4Yygjl1-0eOIY5dUa3ZkA1TbnOE7NJjSBvpVAuvNg20J4ryePpU

Scale = 1:28.5



				18-1-14		
Plate C	Offsets (X,Y)	[8:0-1-8,Edge], [25:0-1-8,Edge]				
LOADI TCLL TCDL BCU	NG (psf) 40.0 10.0 0.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	CSI. TC 0.06 BC 0.01 WB 0.03	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) -0.00	n (loc) l/defl L/d a - n/a 999 a - n/a 999 D 17 n/a n/a	PLATES GRIP MT20 244/190
BCDL	5.0	Code IRC2021/TPI2014	Matrix-SH			Weight: 77 lb FT = 20%F, 11%E
LUMBE TOP C BOT C	ER- HORD 2x4 SF HORD 2x4 SF	P No.1(flat) P No.1(flat) P No.2(flat)		BRACING- TOP CHORD	Structural wood sheath end verticals.	ing directly applied or 10-0-0 oc purlins, except

18-1-14

OTHERS 2x4 SP No.3(flat)

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

NOTES-(6-7)

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

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

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

- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to
- be attached to walls at their outer ends or restrained by other means.
- 6) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
- 7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

