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 #: 50135 JOB: 24-1099-F01 JOB NAME: LOT 0.0032 HONEYCUTT HILLS Wind Code: N/A Wind Speed: Vult= N/A Exposure Category: N/A Mean Roof Height (feet): N/A These truss designs comply with IRC 2015 as well as IRC 2018. 24 Truss Design(s)

Trusses:

F1-01, F1-02, F1-03, F1-04, F1-05, F1-06, F1-08, F1-09, F1-10, F1-11, F1-12, F1-12A, F1-13, F1-14, F1-15, F1-16, F1-19, F1-20, F1-26, F1-29, F1-30, F1-31, F1-32, F1-33



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

lob		Truss		Truss Type		C	Jty	Ply	LOT 0.0032 HONEY	CUTT HILLS 330 A	DAMS POINTE CO	OURT ANGIER, NO
4-109	99-F01	F1-01		Floor Supported	Gable	1	I	1	Job Reference (or	otional)	# 5	50135
						Run: 8.430 ID:	s Feb 12 5fxLxLn1	2021 Print: ?C6dWjia?	8.430 s Feb 12 2021 SHK4thzkcYI-ha1	MiTek Industries, Ind _zY6FrJIO?Hmbp	c. Mon Aug 520:4 PUVn5t_VLsk11	41:00 2024 Page 1 IrdZmwAlbyqoZ>
	0 ₁ 78											
												Scale = 1:21.5
	1.5x3											
	1.5x3 =	1.5x3	1.5x3	1.5x3		1.5x3	1.5	ix3	1.5x3	1.5x3	1.5x3	3x4
	1	2	3	4	$5^{3x4} =$	6	7		8	9	10	11
]	•	•	•	•		•		ə	•	•	•	
0-0		ST1	ST1	ST1	ST1 VV2	ST1	s	т 1	ST1	ST1	ST1	W1 g
-							-	-				
]	XXXXX						XXXX					
	22	21	20	19	18	17	16	x x x x x ;	15	14	13	12
	3x4	1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	1.5	ix3	1.5x3	1.5x3	1.5x3	3x4

				13-1-12		
Plate O	ffsets (X,Y) [[5:0-1-8,Edge], [17:0-1-8,Edge], [22:1	Edge,0-1-8]			
LOADIN TCLL TCDL BCLL BCDL	IG (psf) 40.0 10.0 0.0 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	(loc) l/defi L/d - n/a 999 - n/a 999 12 n/a n/a	PLATES GRIP MT20 244/190 Weight: 55 lb FT = 20%F, 11%E
LUMBE TOP CH BOT CH WEBS OTHER	R- HORD 2x4 SP HORD 2x4 SP 2x4 SP S 2x4 SP	No.1(flat) No.1(flat) No.3(flat) No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly applie	directly applied or 6-0-0 oc purlins, except ed or 10-0-0 oc bracing.

13-1-12

REACTIONS. All bearings 13-1-12.

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

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

NOTES-(6)

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

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

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

5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCU	JTT HILLS 330 ADAMS	POINTE COURT ANGIER, NC
24-1099-F01	F1-02	FLOOR	5	1			# 50135
			Run: 8.430 s Feb 12	2021 Print	Job Reference (opti 8.430 s Feb 12 2021 N	onal) liTek Industries, Inc. Mo	n Aug 5 20:41:01 2024 Page 1
0-1-8 ⊢			ID:5fxLxLn?	²C6dWjia	?SHK4thzkcYI-9najB	u7tcdQFdRLoN6?kJ ⊢	Q38l30mMenoQfjH1yqoZW Scale = 1:21.5
4x4 = $1.5x3 =$ 1 1 1 1 1 $3x4 $	3x4 = 2 13 3x6 =	3x4 = 3 12 3x4 =	1.5x3 3x4 4 1 3x4 1 11 3x8 =	=	10 3x4 =	3x4 = 6 9 3x8	3x8 = 7 W3 W1 0-0-1 = 3x4
<u>1-6-0</u> <u>1-6-0</u> <u>Plate Offsets (X,Y)</u> LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	4-0-0 2-6-0 [1:Edge,0-1-8], [7:0-3-0,Edg SPACING- 2-1 Plate Grip DOL 1 Lumber DOL 1 Rep Stress Incr Code IPC0201/(TDI0/	Image: block with the system Image: block with the system	9-1-8 5-1-8 DEFL. in Vert(LL) -0.13 Vert(CT) -0.18 Horz(CT) 0.03	(loc) 11 : 11 : 8	//defl L/d >999 480 >874 360 n/a n/a	1-7-8 2-6-0 PLATES MT20	<u>13-1-12</u> <u>1-6-4</u> GRIP 244/190
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP	No.1(flat) No.1(flat) No.3(flat)		BRACING- TOP CHORD BOT CHORD	2-0-0 oc (Switche Rigid ce	purlins (6-0-0 max d from sheeted: Sp iling directly applied	.), except end vert bacing > 2-0-0). d or 10-0-0 oc brac	icals
REACTIONS. (Ib/size	e) 14=754/0-7-8 (min. 0-1	-8), 8=1161/0-4-8 (min. 0-1-8)					
FORCES. (Ib) - Max. TOP CHORD 14-16 6-7=- BOT CHORD 12-13 WEBS 1-13= NOTES- (5) 1) Load case(s) 1, 2 h truss. 2) Graphical purlin rep 3) Recommend 2x6 s be attached to walls 4) CAUTION, Do not of	Comp./Max. Ten All force 5=-749/0, 1-15=-747/0, 7-8= 1019/0 =0/1887, 11-12=0/2705, 10 =0/1148, 2-13=-1073/0, 2-12 as/have been modified. Bui presentation does not depic trongbacks, on edge, space s at their outer ends or restr erect truss backwards.	es 250 (lb) or less except when sh -1153/0, 1-2=-1008/0, 2-3=-2315/ -11=0/2707, 9-10=0/1902 2=0/523, 3-12=-475/0, 5-10=-468/0 Iding designer must review loads the size or the orientation of the d at 10-0-0 oc and fastened to ea ained by other means.	own. 0, 3-4=-2795/0, 4-5=-279 0, 6-10=0/516, 6-9=-107 to verify that they are co purlin along the top and/ ach truss with 3-10d (0.13	95/0, 5-6 7/0, 7-9= rrect for or botton 31" X 3")	=-2324/0, :0/1203 the intended use of n chord. nails. Strongback	^t this s to	
LOAD CASE(S) Stand 1) Dead + Floor Live (Uniform Loads (plf)	dard balanced): Lumber Increase	e=1.00, Plate Increase=1.00					

Vert: 8-14=-11, 1-7=-107 Concentrated Loads (lb)

Vert: 7=-400

2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-14=-11, 1-7=-107 Concentrated Loads (lb)

Vert: 7=-400



Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCU	TT HILLS 330 ADAMS	POINTE COURT ANGIER, NC
24-1099-F01	F1-03	Floor	1	1	lab Deference (* . "	and)	# 50135
			Run: 8.430 s Feb 12	 2021 Prin	Job Reference (optic it: 8.430 s Feb 12 2021 Mi	onal) Tek Industries, Inc. Mor WixX6Ebw, wpW/zcW	Aug 5 20:41:02 2024 Page 1
0-1-8			ID.SIXEXEN?COU	uvija : Si	1144112RC11-02030E0V	www.wpwzsw	20191 9 000004F1141 9402 0
⊣ ⊢ 1-1-8	1-3-0						0-10-12
							Scale = 1:23.2
4x4 =							
1.5x3 =		3x4 =	3x4 = 1.5x3 ∣∣	3x4	4 =	3x4 =	3x6 =
1	2 ^{3x8} =	3	4 5	6	_	7	8
917					Ł		
	XX		B1 1 _o r				
	14	13	12		11		10
3x4 3	3x6 = 3x8 =	3x4 =	3x8 =		3x4 =		3x4 = − 3x4
<u> </u>	1 ₁ 6 ₁ 0 2-10-8)-1-8 1-4-8	5-4-8 2-6-0	<u> </u>			<u>13-0-0</u> 2-6-0	14-1-12
Plate Offsets (X,Y) [1:Edge,0-1-8], [2:0-3-0,Edge]	, [16:Edge,0-1-8]	I		1		
LOADING (psf)	SPACING- 2-0-	csi .	DEFL. in	(loc)	l/defl L/d	PLATES	GRIP
TCDL 40.0	Lumber DOL 1.0	D BC 0.34	Vert(LL) -0.07 Vert(CT) -0.10	12	>999 480 >999 360	MT20	244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr YES Code IRC2021/TPI201	S WB 0.58 4 Matrix-SH	Horz(CT) 0.01	9	n/a n/a	Weight: 73 lb	FT = 20%F. 11%E
			BRACING			5	
TOP CHORD 2x4 SP	No.1(flat)		TOP CHORD	Structu	ral wood sheathing o	lirectly applied or 6-	-0-0 oc purlins, except
WEBS 2x4 SP	No.1(flat) No.3(flat)		BOT CHORD	end ver Rigid ce	ticals. eiling directly applied	l or 10-0-0 oc bracir	ng, Except:
REACTIONS. (Ib/size) $16=-964/1-7-8$ (min 0-1-8) 9=575/0-4-8 (min 0-1-8) 1	5=1911/1-7-8 (min 0-1-8	6-0-0 o	c bracing: 15-16,14-	15.	
Max Up	f(1) = 1011(LC 4)	1)		-)			
Max Gr	av9=575(LC 4), 15=1911(LC	1)					
FORCES. (lb) - Max. (TOP CHORD 16-17:	Comp./Max. Ten All forces =0/1005. 1-17=0/1003. 8-9=-{	250 (lb) or less except when sl 572/0. 1-2=0/1536. 2-3=0/514.	hown. 3-4=-954/0. 4-5=-1670/0	. 5-6=-1	670/0. 6-7=-1498/0.		
7-8=-5 BOT CHORD 14-15:	564/0 =-1536/0_13-14=0/413_12-1	8=0/1456 11-12=0/1734 10-1	1=0/1227				
WEBS 2-15=-	-891/0, 1-15=-1760/0, 2-14=0	/1213, 3-14=-1129/0, 3-13=0/6	63, 4-13=-615/0, 4-12=0)/257, 6-	11=-288/0,		
7-11=0	0/332, 7-10=-809/0, 8-10=0/7	43					
NOTES- (6) 1) Unbalanced floor liv	e loads have been considere	d for this desian.					
2) Provide mechanical	connection (by others) of true	ss to bearing plate capable of v	withstanding 1011 lb uplit	ft at joint	t 16. Sinct upword movem	ont	
at the bearings. Buil	ding designer must provide f	or uplift reactions indicated.		liuss aya		ent	
 Recommend 2x6 str be attached to walls 	rongbacks, on edge, spaced at their outer ends or restrain	at 10-0-0 oc and fastened to e ned by other means.	each truss with 3-10d (0.1	31" X 3'	') nails. Strongbacks	s to	
5) CAUTION, Do not e	rect truss backwards.						
LOAD CASE(S) Stand	ard						
						- Mattheway	uilletter.
						INNI ATH CA	NOLINIU



Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT HILLS 330 ADAMS	POINTE COURT ANGIER, NO
24-1099-F01	F1-04	Floor	8	1	Job Reference (optional)	# 50135
0-1.8			Run: 8.430 s Feb 12 : ID:5fxLxLn?C6dW	2021 Print: /jia?SHK4	: 8.430 s Feb 12 2021 MiTek Industries, Inc. Mo http://wpwistocylicky.wpwistores. http://wpwistores.com/action/file/file/file/file/file/file/file/file	n Aug_5 20:41:02 2024_Page 1 GA9PBVp8w04PHqTyqoZ\
0-1-0						

H <u>1-3-0</u>

<u>1-0-4</u> Scale = 1:23.2 L____



1-6-0 1-6-0 Plate Offsets (X X)	4-0-0 2-6-0	9-1 5-1	I-8 I-8	11-7-8 2-6-0	<u>13-10-12</u> <u>14-1-12</u> <u>2-3-4</u> <u>0-3-0</u>
	[1.Luge,0-1-0], [10.Luge,0-1-0]				
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.30 BC 0.58 WB 0.56 Matrix-SH	DEFL. in (loc) Vert(LL) -0.16 12 Vert(CT) -0.22 11-12 Horz(CT) 0.04 9) I/defl L/d 2 >999 480 2 >764 360 9 n/a n/a	PLATES GRIP MT20 244/190 Weight: 71 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF	P No.1(flat) P No.1(flat)		BRACING- TOP CHORD Struc end v	ctural wood sheathing di verticals.	rectly applied or 6-0-0 oc purlins, except

2x4 SP No.3(flat) WEBS

BOT CHORD

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

REACTIONS. (lb/size) 15=758/0-7-8 (min. 0-1-8), 9=764/0-4-8 (min. 0-1-8)

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

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

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

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

7-9=-1196/0

NOTES-(3)

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

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

2) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



ob		Truss		Truss Type			Qty	Ply	LOT 0.0032 H	IONEYCUTT H	ILLS 330 ADAMS PC	DINTE C	OURT ANGIER, NO
4-1099-F01		F1-05		Floor Support	ed Gable		1	1	Job Referer	nce (optional)		# :	50135
0.1	0					Run: 8.4 II	30 s Feb 12 D:5fxLxLn?	2021 Print: C6dWjia?	8.430 s Feb 1 SHK4thzkcY	2 2021 MiTek li 1-59iUca888E	ndustries, Inc. Mon Au gzsIVAUX1COjVU	ug 520: jZtREO	41:03 2024 Page 1 a4Fk8qMwyqoZU
내	ō												
													Scale = 1:23.2
1.5	5x3												
1.5>	x3 = 1.5x3	3	1.5x3	1.5x3	1.5x3		1.5x3	1.5x	3	1.5x3	1.5x3	1.5x3	3x4
1	2		3	4	5	$6^{3x4} =$	7	8		9	10	11	12
	• •		•	•	•		•	•		•	•	•	
	, ST1		ST1	ST1	ST1	ST1 W2	ST1	ST	1	ST1	ST1	ST1	W1 3
- 1	4 4				H		<u> </u>	H		H		Н	
) F		XXXX							~~~~~			\sim	
24	23		22	21	20	19	18	17		16	15	14	13
3x4	4 1.5x3	3	1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	1.5x	3	1.5x3	1.5x3	1.5x3	3x4

				14-1-12					
Plate O	ffsets (X,Y) [6:0-1-8,Edge], [18:0-1-8,Edge],	24:Edge,0-1-8]						
LOADIN TCLL TCDL BCLL BCDL	IG (psf) 40.0 10.0 0.0 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	(loc) - - 13	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 59 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBE TOP CH BOT CH WEBS OTHER	R- IORD 2x4 SP IORD 2x4 SP 2x4 SP S 2x4 SP	No.1(flat) No.1(flat) No.3(flat) No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structu end ve Rigid o	ural wood erticals. ceiling dir	l sheathing d ectly applied	lirectly applied or 6-0 l or 10-0-0 oc bracing)-0 oc purlins, except g.

14-1-12

REACTIONS. All bearings 14-1-12.

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

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

NOTES- (6)

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 0.0032 HONEYCUTT HILLS 330 ADAMS	POINTE COURT ANGIER, NO
24-1099-F01	F1-06	GABLE	1	1	Job Reference (optional)	# 50135

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MITek Industries, Inc. Mon Aug 5 20:41:04 2024 Page 1 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-aMGspw9mvYoqUv4M2EZRxx2e4zDezrkDUOuOuMyqoZT

Scale = 1:12.7



Plate Offsets (X V)	1-4-0 1-4-0 [1:Edge 0-1-8] [3:0-1-8	2-8 1-4 3 Edge] [9:0-1	-0 -0 8 Edge] [12:Edge ()	4-0-0 1-4-0 -1-81	+	5-4-0 1-4-0		6-11-12 1-7-12	
	[1:Euge,0 1 0], [0:0 1 0	,Eugoj, [0.0-1	0,Euge], [12.Euge,0	1.0]					
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr Code IRC2021/7	2-0-0 1.00 1.00 YES IPI2014	CSI. TC 0.08 BC 0.01 WB 0.04 Matrix-P	DEFL. Vert(LL) Vert(CT) Horz(CT)	in n/a n/a -0.00	(loc) l/c - - 9	defl L/d n/a 999 n/a 999 n/a n/a	PLATES MT20 Weight: 32 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF OTHERS 2x4 SF	P No.1(flat) P No.1(flat) P No.3(flat) P No.3(flat)			BRACING- TOP CHOP BOT CHOP	RD RD	Structural except en Rigid ceili	wood sheat d verticals. ng directly a	thing directly applied or 6-1 applied or 10-0-0 oc bracing	1-12 oc purlins, I.

REACTIONS. All bearings 6-11-12.

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

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

NOTES- (5)

1) Gable requires continuous bottom chord bearing.

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

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

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

LOAD CASE(S) Standard





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

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

BOT CHORD

end verticals

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

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

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

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

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

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

NOTES-(2-5)

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

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

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

4) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT HILLS 330 ADAM	MS POINTE COURT ANGIER, NO
24-1099-F01	F1-09	Floor Supported Gable	1	1	Job Reference (optional)	# 50135

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Aug 5 20:41:05 2024 Page 1 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-2YqE1GAOgswh63fZcy4gU8bqBMZvil3Ni2dxQoyqoZS

Scale = 1:13.3



1			7-3-10				1
			7-3-10				
Plate Offsets (X,Y)	[1:Edge,0-1-8], [3:0-1-8,Edge], [11:0-	1-8,Edge], [14:Edge,0-1-8]				
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-P	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) -0.00	(loc) l/c - 11	defl L/d n/a 999 n/a 999 n/a n/a	PLATES MT20 Weight: 34 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF OTHERS 2x4 SF	² No.1(flat) ² No.1(flat) ² No.3(flat) ² No.3(flat)	· · · · · ·	BRACING- TOP CHORD BOT CHORD	Structural end vertic Rigid ceili	wood sheathing c als. ng directly appliec	lirectly applied or 7-3 l or 10-0-0 oc bracin	3-10 oc purlins, except g.

REACTIONS. All bearings 7-3-10.

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

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

NOTES- (5-8)

1) Gable requires continuous bottom chord bearing.

- 2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 3) Gable studs spaced at 1-4-0 oc.
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 5) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
- 6) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
- 7) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
 8) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED
- 8) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply LC	DT 0.0032 HONEYCUT	T HILLS 330 ADAMS PO	DINTE COURT ANGIER, NO
24-1099-F01	F1-10	Floor	5	1	b Reference (option	nal)	# 50135
			Run: 8.430 s Feb 12 ID:5fxLxLn?(2021 Print: 8. 26dWija?SH	430 s Feb 12 2021 MiT K4thzkcYI- xv RxB	ek Industries, Inc. Mon A eCTAPLMoxiN68ZZax	ug 520:41:072024 Page 1 BABiA5vfAM62VhvgoZC
0-1-8 H⊨ <u>1-3-0</u>			<u>⊢ 1-4-8</u>			g,	<u>p-10-12</u> Scale = 1:38.2
3x4 = 1.5x3 = 1 26B 25 24 $3x4 \parallel 3x4 =$	3x4 = 3x4 = $2 T1 3$ $23 3x4 = 3$	3x8 = 3x8 FP = 3x4 = 4 4 5 6 3x8 = 100 FP = 3x4 = 100 FP =	= 3x8 = 7 7 19 18 4x4 = 3x4	3) 8 17 4x4 = 3	4 = 3x 72	4 = 3x4 = 27 10 27 10 14 3x4 = 3x4 = 3x4	= 3x6 = 11 11 13 12 $3x4 = 3x4 $
⊢ 1-6-0 1-6-0 Plate Offsets (X,Y) [25:	4-0-0 6-6-0 2-6-0 2-6-0 Edge,0-1-8]	9-1-8 11-7-8 2-7-8 2-6-0	3 <u>+ 13-1-8 + 14-6-</u> 1-6-0 + 1-4-8	0 17- 3 2-	-0-0 19-6 6-0 2-6	6-0 <u>22-0-0</u> -0 <u>2-6-0</u>	23-1-12 1-1-12
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING-1-4-0Plate Grip DOL1.00Lumber DOL1.00Rep Stress IncrNOCode IRC2021/TPI2014	CSI. TC 0.99 BC 0.31 WB 0.46 Matrix-SH	DEFL. in Vert(LL) -0.06 Vert(CT) -0.07 Horz(CT) 0.01	(loc) l/d 22 >99 22 >99 12 r	efl L/d 99 480 99 360 n/a n/a	PLATES MT20 Weight: 115 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No	o.1(flat) o.1(flat) o.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural except enc Rigid ceilir	wood sheathing di l verticals. Ig directly applied o	rectly applied or 4-10 or 6-0-0 oc bracing.	0-14 oc purlins,
REACTIONS. (Ib/size)	25=363/0-7-8 (min. 0-1-8),	12=427/0-4-8 (min. 0-1-8), 18	=1220/0-4-8 (min. 0-1-	8)			
FORCES. (lb) - Max. Cor TOP CHORD 25-26=-3 6-7=0/73 BOT CHORD 23-24=0/ 16-17=-3 WEBS 7-18=-11 8-15=0(6	mp./Max. Ten All forces 2 80/0, 1-26=-379/0, 11-12=- 6, 7-8=0/803, 8-9=-980/0, 9 916, 22-23=0/1197, 21-22= 93/512, 15-16=-393/512, 1 90/0, 1-24=0/559, 2-24=-51 583, 9-15=-652/0, 10-13=-7	 4), 10-1220(LC 1) (b) or less except when shot 486/0, 1-2=-492/0, 2-3=-1068/0 1-27=-1296/0, 10-27=-1296/0, 1 -75/962, 20-21=-75/962, 19-20 4-15=0/1423, 13-14=0/1149 7/0, 4-20=-506/0, 6-20=0/522, 61/0, 11-13=0/691 	own. 0, 3-4=-1093/0, 4-5=-57 0-11=-525/0 I=-412/180, 18-19=-154 6-19=-819/0, 7-19=0/9	4/235, 5-6= 2/0, 17-18= 35, 7-17=0/	-574/235, -1549/0, 963, 8-17=-896/0,		
 NOTES- (5-8) 1) Unbalanced floor live ld 2) Load case(s) 1, 2, 3, 4, use of this truss. 3) Recommend 2x6 strong be attached to walls at 4) CAUTION, Do not erect 5) Graphical bracing repretember must be bio 6) Bearing symbols are or design of the truss to s 7) Web bracing shown is Restraining & Bracing 6 8) SEE BCSI-B3 SUMMA MINIMUM BRACING F GUIDELINES, ALWAY 	bads have been considered , 5, 6 has/have been modified gbacks, on edge, spaced a their outer ends or restrained truss backwards. esentation does not depict traced. Inly graphical representation upport the loads indicated. for lateral support of individ of Metal Plate Connected W RY SHEET- PERMANENT REQUIREMENTS OF TOP (S CONSULT THE PROJEC	for this design. ed. Building designer must revi t 10-0-0 oc and fastened to ea ed by other means. he size, type or the orientation is of a possible bearing condition ual web members only. Refer t /ood Trusses for additional bra RESTRAING/BRACING OF C CHORD, BOTTOM CHORD, AI CT ARCHITECT OR ENGINEE	ew loads to verify that t ch truss with 3-10d (0.1 of the brace on the me on. Bearing symbols are o BCSI - Guide to Gooo cing guidelines, includi HORDS & WEB MEME ND WEB PLANES. IN R FOR ADDITIONAL B	hey are cor 31" X 3") n mber. Symt e not consic d Practice fo ng diagonal BERS FOR I ADDITION RACING CO	rect for the intende ails. Strongbacks bol only indicates the lered in the structu or Handling, Install bracing. RECOMMENDED TO THESE MINIM ONSIDERATIONS	ed to hat ing, <u>UM</u> VorofESS	
LOAD CASE(S) Standard 1) Dead + Floor Live (bala Uniform Loads (plf) Vert: 12-25=-7, Concentrated Loads (lt Vert: 27=-335	d anced): Lumber Increase=1 , 1-11=-67 ๖)	.00, Plate Increase=1.00				SEAL 28147	A S MAN
z) Deau. Lumber morease	e=1.00, Plate Increase=1.00)				Manak K. M	DRM Mannen

Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT HILLS 330 AD	AMS POINTE COURT ANGIER, NC
24-1099-F01	F1-10	Floor	5	1	Job Reference (optional)	# 50135
		Dum 0	120 a Eak 11	0001 Duint	0.420 a Fab 12.2024 MiTak Industrian Inc.	Man Aug E 20.44.07 2024 Dags 2

Jn: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Aug 5 20:41:07 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-_xy_RxBeCTAPLMoxjN68ZZgxBABiA5vfAM62VhyqoZQ

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

Vert: 27=-335



Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONE	EYCUTT HILLS 3	330 ADAMS POI	NTE COURT ANGIER, NC
24-1099-F01	F1-11	Floor	3	1	Job Poforance (ontional)		# 50135
			Run: 8.430 s Feb 12	2021 Prin	1300 Reference (t: 8.430 s Feb 12 20	21 MiTek Industrie	es, Inc. Mon Aug	3 5 20:41:08 2024 Page 1
0-1-8			ID. JIXEXEIT: CO	uvvjia : Oi				
H ⊢ <u>1-3-0</u>			1-4-8					<u>0-10-12</u> Scale = 1:38.2
3x4 = 1.5x3 = 1 26B 25 25 24 $3x4 \parallel 3x4 =$	3x4 = 3x4 = 2 $2 T1$ $3x4 = 2$ $3x4 = 2$ $3x4 = 2$ 23 $3x4 = 2$	3x8 = 3x8 FP = 3x4 = 4 5 6 3x8 FP = 3x4 = 4 5 6 3x4 = 22 21 20 3x4 = 1.5x3 3x4 =	3x8 = 7 19 19 4x4 = 3x4	17 3x4 =	3x4 = 8 16 15 3x8 FP= 3x4 =	3x4 = 9 14 3x	3x4 = 10 12 4 4 4 =	3x6 = 11 3x6 = 13 12 $3x4 = 3x4 \parallel$
<u>1-6-0</u> 1-6-0 Plate Offsets (X,Y) [2	4-0-0 6-6-0 2-6-0 2-6-0 5:Edge,0-1-8]	9-1-8 11-7-8 2-7-8 2-6-0	13-1-8 14-6- 1-6-0 1-4-{	0	17-0-0 2-6-0	19-6-0 2-6-0	22-0-0 2-6-0	23-1-12
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4-(Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.31 BC 0.25 WB 0.43 Matrix-SH	DEFL. in Vert(LL) -0.06 Vert(CT) -0.08 Horz(CT) 0.01	(loc) 22 22 18	l/defl L/d >999 480 >999 360 n/a n/a	PLA MT: We	ATES (20 2 ight: 115 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP I BOT CHORD 2x4 SP I WEBS 2x4 SP I	No.1(flat) No.1(flat) No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structur end ver Rigid ce	ral wood sheathi ticals. eiling directly ap	ng directly app plied or 6-0-0 o	plied or 6-0-0 oc bracing.	oc purlins, except
REACTIONS. (Ib/size) Max Gra	25=380/0-7-8 (min. 0-1-8) av 25=400(LC 3), 12=303(LC	, 12=241/0-4-8 (min. 0-1-8), 18= 4), 18=1054(LC 1)	1054/0-4-8 (min. 0-1-	8)				
FORCES. (lb) - Max. C TOP CHORD 25-26= 6-7=0// BOT CHORD 23-24= 16-17= WEBS 7-18=- 8-15=1 NOTES- (4) 1) Unbalanced floor live 2) Recommend 2x6 strube 2) Recommend 2x6 strube 23-24= 8-15=1 3) CAUTION, Do not er 30	Comp./Max. Ten All forces -397/0, 1-26=-396/0, 11-12= 516, 7-8=0/778, 8-9=-545/38 0/967, 22-23=0/1295, 21-22 -566/339, 15-16=-566/339, 1 1027/0, 1-24=0/589, 2-24=-5 0/363, 9-15=-332/0, 10-13=-5 e loads have been considere ongbacks, on edge, spaced a at their outer ends or restrair ect truss backwards.	250 (lb) or less except when shov -301/0, 1-2=-519/0, 2-3=-1143/0, 4, 9-10=-678/123, 10-11=-281/10 =0/1109, 20-21=0/1109, 19-20=-2 4-15=-228/726, 13-14=-42/607 47/0, 5-20=-475/0, 6-20=0/491, 6 197/39, 11-13=-13/371 d for this design. tt 10-0-0 oc and fastened to each ed by other means.	vn. 3-4=-1216/0, 4-5=-12 213/379, 18-19=-1300 -19=-793/0, 7-19=0/90 h truss with 3-10d (0.1	16/0, 5-6 /0, 17-18 09, 7-17: 31" X 3"	5=-748/62, 3=-1306/0, =0/706, 8-17=-6) nails. Strongb	53/0, acks to		

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT HILLS 330) ADAMS POINTE COURT ANGIER, NO
24-1099-F01	F1-12	Floor	2	1	lob Reference (ontional)	# 50135
			Run: 8.430 s Feb 12	2021 Print	: 8.430 s Feb 12 2021 MiTek Industries, 2SHK4tbzkcYL-w I3IsdDvk4O6aqu	Inc. Mon Aug 5 20:41:09 2024 Page 1
, 1-3-0			1-5-4	Couvija		1-5-12 \0 _r 3-8
			F1			
						Scale = 1:38.0
226 -	2×4	3x8 =	- 2,49 —		24 - 1 542 11 244 -	4x6 =
3x0 — 1	3x4 = 3x4 = 2	4 5 6	- 3xo		8 9 10	3x4 = 3x4
				T2		
		B1 B1		1		
í 🕅						
27 26	25 2:4 —	24 23 22	21 20	19 2v4 —	18 17 16	15 14
3x4 3x4 —	3x4 —	3x4 — 1.5x3 3x4 —	3X6 — 3X4	3X4 —	3X8 FP = 3X8 = 3X4	- 3X0 - 4x6 =
						170 -
		3-2-4 3-2-4			<u> 22-6-8 </u>	23-2-8 0-8-0
Plate Offsets (X,Y) [14:Edge,0-1-8], [27:Edge,0-1	-8]				
LOADING (psf)	SPACING- 1-4	0 CSI.	DEFL. in	(loc)	I/defi L/d PLAT	ES GRIP
TCDL 40.0	Lumber DOL 1.0	0 IC 0.37 0 BC 0.27	Vert(LL) -0.06 Vert(CT) -0.08	24 × 24 ×	>999 480 M120 >999 360	244/190
BCLL 0.0 BCDI 5.0	Rep Stress Incr N Code IRC2021/TPI201	O WB 0.45 4 Matrix-SH	Horz(CT) 0.01	14	n/a n/a Weigh	ht 119 lb FT = 20%F 11%F
TOP CHORD 2x4 SP	No.1(flat)		TOP CHORD	Structura	al wood sheathing directly appli	ed or 6-0-0 oc purlins, except
BOT CHORD 2x4 SP	No.1(flat) No.3(flat)			end vert	icals.	bracing
				rtigiu ce	and applied of 0-0-0 oc	bracing.
REACTIONS. (Ib/size Max Gi) 27=379/0-4-8(min. 0-1-8 av27=400(LC 3). 20=1121(L), 20=1121/0-4-8 (min. 0-1-8), 1 .C 1). 14=1111(LC 4)	4=1049/0-4-8 (min. 0-1	-8)		
	Comp (Max Tan All foreas	250 (lb) or loss eveent when sh	0.11/0			
TOP CHORD 1-27=	-395/0, 1-2=-509/0, 2-3=-112	2/0, 3-4=-1180/0, 4-5=-1180/0, \$	5-6=-698/127,			
6-7=0 BOT CHORD 25-26	/582, 7-8=0/802, 8-9=-718/2 =0/954. 24-25=0/1266. 23-24	24, 9-10=-718/224, 10-11=-978/0 I=0/1066. 22-23=0/1066. 21-22=), 11-12=-672/0 :-288/322. 20-21=-1408/	0.		
19-20	=-1417/0, 18-19=-513/394, 1	7-18=-513/394, 16-17=0/960, 15	-16=0/968, 14-15=0/672	2		
7-20=	0/948, 7-19=0/804, 8-19=-74	4/0, 8-17=0/514, 10-17=-399/0,	6-21–-604/0, 11-15=-338/154,			
12-14	=-1277/0					
NOTES- (5)		a fan Maia ala sinn				
2) Load case(s) 1, 2, 3	6, 4, 5, 6 has/have been mod	ified. Building designer must revi	iew loads to verify that th	ney are c	correct for the intended	
use of this truss.	ronghacks on edge snaced	at 10-0-0 oc and fastened to ea	ch truss with 3-10d (0.1	31" X 3")	nails Strongbacks to	
be attached to walls	at their outer ends or restrai	ned by other means.		01 7 0)		
4) CAUTION, Do not e	rect truss backwards.					
LOAD CASE(S) Stand	ard	1.00 Plate Increase=1.00				
Uniform Loads (plf)	Jaianceu). Lumber increase-				1111	
Vert: 14-27= Concentrated Loads	=-7, 1-13=-67 s (lb)				IN THE OF	H LAROLINI
2) Dood: Lumber land		00			11 Martin	OFESOPAR
Uniform Loads (plf)	ase=1.00, Plate Increase=1.	00				SEAL
Vert: 14-27 Concentrated Loads	=-7, 1-13=-67 s (lb)					28147
Vert: 12=-8	55 (unhalanaad) lauraha l				11111	
Uniform Loads (plf)	ve (unbalanced): Lumber Inc	ease=1.00, Plate Increase=1.00	1		The Ar	VOINEER S STA
Vert: 14-27	=-7, 1-7=-67, 7-13=-13				TUNK	K. MORMUM
Vert: 12=-86	65					C (T (C C C)

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

8/5/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT HILLS 330 AD	AMS POINTE COURT ANGIER, NC
24-1099-F01	F1-12	Floor	2	1	Job Reference (optional)	# 50135
			Run: 8.430 s Feb 12	2021 Print:	: 8.430 s Feb 12 2021 MiTek Industries. Inc.	Mon Aug 5 20:41:09 2024 Page 2

n: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Aug 5 20:41:09 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-wJ3lsdDvk4Q6agyKro8ce_IRL_sge?Vydgb8ZZyqoZO

LOAD CASE(S) Standard

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

Uniform Loads (plf) Vert: 14-27=-7, 1-7=-13, 7-13=-67

Concentrated Loads (lb)

- Vert: 12=-865
- 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-27=-7, 1-7=-67, 7-13=-13
- Concentrated Loads (lb)
- Vert: 12=-865
- 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-27=-7, 1-7=-13, 7-13=-67 Concentrated Loads (lb)
- Vert: 12=-865



Jop	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEY	CUTT HILLS 330 ADAMS	POINTE COURT ANGIER, NO
24-1099-F01	F1-12A	Floor	7	1	Job Reference (or	otional)	# 50135
		1	Run: 8.430 s Feb 12 ID:5fxLxLn	2 2021 Print: C6dWija	8.430 s Feb 12 2021 SHK4thzkcYI-siB	MiTek Industries, Inc. Mor /HJF9Giggq 6ivCB4iPc	Aug 520:41:112024 Page 1 IGnW06tMF5 4FeSvqoZM
				··· ,			0-3-8
1-3-0			1-5-4	1-0-4	4		$0_{1}4_{1}0_{5}$
							Scale - 1.50.0
							4.0
3x6 —	3x4 — 3x4 —	3x8 = 3x8 FP- 3x4 -	5x12 —		3v8 —	3x4	$4x8 \equiv$
1	2 - 3	4 5 6	7		8	9 10	11wd2
			watik	12 Wa			
-		5 1 6		×.		B2 3	
28 27	26 2	5 24 23	22 21 20	10	18 17	16	15 14 13
$3x4 \parallel 3x4 =$	3x4 = 3x4	4 = 1.5x3 3x4 =	3x6 = 3x8	FP= :	3x4 3x4 =	3x4 =	3x4
			3x4	4x10 =			$4x4 \equiv 4x6 \equiv$
L	13	3-2-4	14-5-1 13-3-12	6 15 15-7-0	5-8-8 	22-6-8	23-2-8
		3-2-4	0-1-8 1-1-1(1-1-10 0 0	-1-8	6-10-0	.0-8-0.
Plate Offsets (X,Y) [1]	3:Edge,0-1-8], [28:Edge,0-1-	8]					
LOADING (psf) TCLL 40.0	SPACING- 1-4-0 Plate Grip DOL 1.00	CSI. TC 0.47	DEFL. in Vert(LL) -0.06	(loc) 25 >	l/defl L/d >999 480	PLATES MT20	GRIP 244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.41	Vert(CT) -0.08	16-17	>999 360		2
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	Horz(CT) 0.01	13	n/a n/a	Weight: 120	lb FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N	lo.1(flat) lo.1(flat)		TOP CHORD	Structura	al wood sheathing icals	g directly applied or 6-	0-0 oc purlins, except
WEBS 2x4 SP N	lo.3(flat) *Except*		BOT CHORD	Rigid ce	iling directly appli	ed or 6-0-0 oc bracing	g.
VV2: 2x4	SP No.2(flat)						
REACTIONS. (Ib/size) Max Gra	28=331/0-4-8 (min. 0-1-8), v28=351(LC 3), 21=1926(LC	21=1926/0-4-8 (min. 0-1-8), 13 2 1). 13=1286(LC 4)	3=1223/0-4-8 (min. 0-1	1-8)			
EODCES (Ib) Max C	omn /Max Ton All forces)) or loss except when the					
TOP CHORD 1-28=-3	347/0, 1-2=-434/0, 2-3=-910/3	37, 3-4=-831/245, 4-5=-831/245	, 5-6=-206/614,				
6-7=0/1 BOT CHORD 26-27=	210, 7-8=-332/338, 8-9=-188 0/810, 25-26=-119/986, 24-2	31/0, 9-10=-1676/0, 10-11=-963 5=-400/646, 23-24=-400/646, 22	/0 2-23=-845/0,				
21-22= 15-16=	-2109/0, 20-21=-2124/0, 19-2	20=-2124/0, 18-19=0/1823, 17-1 =0/770	18=0/1823, 16-17=0/19	004,			
WEBS 7-21=-1	879/0, 1-27=0/515, 2-27=-4	59/2, 5-25=0/258, 5-23=-568/0, 0	6-23=0/585,				
10-15=	-565/0, 11-15=0/416, 11-13=	-1462/0	0, 10-16-0/304,				
NOTES- (5)							
1) Unbalanced floor live	loads have been considered	l for this design. ed. Building designer must revie	ew loads to verify that t	they are c	orrect for the inte	nded	
use of this truss.							
be attached to walls a	at their outer ends or restrain	ed by other means.	ch truss with 3-10d (0.1	131 × 3)	nalis. Strongbad		
4) CAUTION, Do not ere	ect truss backwards.						
LOAD CASE(S)	langed): Lumber Increase=1	00 Plata Increase=1.00				unununununun	uinun.
Uniform Loads (plf)		.00, FIALE INCIESE-1.00				UNU ATH CA	LINIU
Vert: 13-28=- Concentrated Loads	7, 1-12=-67 (lb)					in aportos	ALS IN
Vert: 8=-932) 11=-865 se=1.00. Plate Increase=1.0	n				SEA	
Uniform Loads (plf)	- 1.00, Flate IIICIEdSE-1.0	U				2814	7 Ē
Vert: 13-28=- Concentrated Loads	7, 1-12=-67 (lb)					THE SALAN	A
Vert: 8=-932 3) 1st Dead + Floor Live	11=-865 (unbalanced): Lumber Incre	ase=1.00 Plate Increase=1.00				ARY	ORREUNIN
Uniform Loads (plf)		aso - 1.00, 1 late indicase - 1.00				nan K.	Monthe
Vert: 13-28=-	1, 1-7=-67, 7-12=-13					8/5/2	024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT HILLS 330 ADAMS	POINTE COURT ANGIER, NC
24-1099-F01	F1-12A	Floor	7	1	Job Reference (optional)	# 50135

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Aug 5 20:41:11 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-siBVHJF9Gigqq_6jyCB4jPqIGnW06tMF5_4FeSyqoZM

LOAD CASE(S)

Concentrated Loads (lb) Vert: 8=-932 11=-865

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

Uniform Loads (plf)

Vert: 13-28=-7, 1-7=-13, 7-12=-67

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



Job	Truss	Truss Type	Qty Pl	LOT 0.0032 HONE	YCUTT HILLS 330 ADAMS POINTE COURT ANGIER,	NC
24-1099-F01	F1-13	Floor	1	1 Job Reference (optional) # 50135	
		Run:	8.430 s Feb 12 20 ID:5fxLxLn?C	021 Print: 8.430 s Feb 12 202 6dWjia?SHK4thzkcYI-Lu	21 MiTek Industries, Inc. Mon Aug 5 20:41:12 2024 Pag ItVfFn1?ohR7hvWwiJGdNzkBvsrNNPKeqpAuyqc	,e 1 oZL
1-3-0					<u>1-5-4</u> <u>1-0-0</u> ρ ₁ 1 ₇ 8	
					Scale = 1.20	60
						5.0
					3x4 =	
<u></u>	3x4 =	3x4 = 1.5x3 3x4 =		3x4 =	3x8 = 1.5x3 =	
1 ^{3x0}	2	3 4 5		6	7 8	ſ
					W3 W4 18	9
		B1				-
						L
	15	14	13	12		
3x4 3x4 =	3x4 =	3x8 =	3x4 =	3x6 =	3x4 3x4 = 3x4	
		13-2.4			15.0.12	
	4 0 Edwal (47 Edwa 0 4 0)	13-2-4			2-7-8	
	-1-0,Eugej, [17.Euge,0-1-0]					=
LOADING (psf) TCLL 40.0	SPACING- 1-4-0 Plate Grip DOL 1.00	TC 0.30 Vert	L. in ((LL) -0.05	loc) l/defl L/d 14 >999 480	PLATES GRIP MT20 244/190	
TCDL 10.0	Lumber DOL 1.00 Rep Stress Incr VES	BC 0.24 Vert	CT) -0.07	14 >999 360 11 p/a p/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	.(01) 0.01	11 1/4 1/4	Weight: 80 lb FT = 20%F, 11%F	Е
LUMBER-		BRA	CING-			_
TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No	.1(flat) .1(flat)	TOP	CHORD Si er	tructural wood sheathii nd verticals.	ng directly applied or 6-0-0 oc purlins, except	t
WEBS 2x4 SP No	.3(flat)	BOT	CHORD R	ligid ceiling directly app	blied or 6-0-0 oc bracing.	
REACTIONS. (lb/size)	17=395/0-4-8 (min. 0-1-8),	9=-353/0-3-8 (min. 0-1-8), 11=1096/0-4-8	3 (min. 0-1-8)			
Max Uplift Max Grav	9=-413(LC 3) 17=395(LC 3), 11=1096(LC	1)				
FORCES. (lb) - Max. Cor	np./Max. Ten All forces 2	50 (lb) or less except when shown.				
TOP CHORD 1-17=-39	1/0, 9-18=0/419, 8-18=0/41	8, 1-2=-504/0, 2-3=-1098/0, 3-4=-1169/0,	4-5=-1169/0, 5	5-6=-650/0, 6-7=0/378,	,	
BOT CHORD 15-16=0/	943, 14-15=0/1229, 13-14=	0/1002, 12-13=0/272, 11-12=-1189/0, 10-	11=-1196/0			
WEBS 7-11=-10	65/0, 1-16=0/597, 2-16=-53	6/0, 5-13=-435/0, 6-13=0/468, 6-12=-791	/0, 7-12=0/932,	, 7-10=0/777, 8-10=-66	31/0	
NOTES- (5)	ads have been considered	for this design				
2) Provide mechanical co	nnection (by others) of truss	to bearing plate capable of withstanding	413 lb uplift at	joint 9.		
be attached to walls at	gbacks, on edge, spaced at their outer ends or restraine	a 10-0-0 oc and fastened to each truss wited by other means.	th 3-10d (0.131	1" X 3") nails. Strongba	acks to	
4) CAUTION, Do not erec	t truss backwards.					
LOAD CASE(S) Standard						



Job	Truss	Truss Type	Qty	Ply LOT 0.	0032 HONEYCUTT HI	ILLS 330 ADAMS POII	NTE COURT ANGIER, NC
24-1099-F01	F1-14	Floor	4		eference (ontional)		# 50135
			Run: 8.430 s Feb 12	2021 Print: 8.430 s 6dWija?SHK4th	Feb 12 2021 MiTek Ir zkcYI-p5.JGi?GPn h	ndustries, Inc. Mon Aug xY3HG54dDYogw8l	5 20:41:13 2024 Page 1 JbE5agdYYJZMiKvgoZK
1-3-0			ID.OKEKEN C		1-5-4		1-0-0 ₁ 0-1 ₁ 8
					ŀ		
							Scale = 1:26.0
							3v4 —
	3x4 =	3x4 = 1.5x3	3x4 =	3x4 =		3x8 =	1.5x3 =
$_{1}^{3x6} =$	2	3 4	5	6		7	8
			<u>E</u>			AR	18
					W3		
	Lě l		B1				
17 16	15	14	13		12	10	
3x4 3x4 =	3x4 =	3x8 =	3x4 =		3x6 =	3x4 3x4	= 3x4
1-6-0	4-0-0	9-1-8		11-7-8 2-6-0	13-2-4	14-6-12	15-9-12
Plate Offsets (X,Y) [8:0	-1-8,Edge], [17:Edge,0-1-8]	3-1-0		2-0-0	1-0-12	1-4-0	1-5-0
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in	(loc) l/defl	L/d	PLATES GI	RIP
TCLL 40.0 TCDI 10.0	Plate Grip DOL 1.00	TC 0.30 BC 0.24	Vert(LL) -0.05 Vert(CT) -0.07	14 >999 14 >999	480 360	MT20 24	14/190
BCLL 0.0	Rep Stress Incr YES	WB 0.44	Horz(CT) 0.01	11 n/a	n/a		
BCDL 5.0	Code IRC2021/1 PI2014	Matrix-SH				Weight: 80 lb	FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No	1(flat)		BRACING- TOP CHORD	Structural woo	d sheathing direct	tly applied or 6-0-0	oc purlins except
BOT CHORD 2x4 SP No	.1(flat)			end verticals.			
WEBS 2x4 SP NO	.3(liat)		BOT CHORD	Rigia celling al	recuy applied or c	5-0-0 oc bracing.	
REACTIONS. (lb/size) Max Uplift	17=395/0-8-4 (min. 0-1-8), 9=-413(I C 3)	9=-353/0-7-8 (min. 0-1-8), 11=1	1096/0-4-8 (min. 0-1-8	5)			
Max Grav	17=395(LC 3), 11=1096(LC	1)					
FORCES. (Ib) - Max. Cor	np./Max. Ten All forces 2	50 (lb) or less except when show	wn.				
TOP CHORD 1-17=-39 7-8=0/54	1/0, 9-18=0/419, 8-18=0/41 0	8, 1-2=-504/0, 2-3=-1098/0, 3-4	=-1169/0, 4-5=-1169/0	, 5-6=-650/0, 6	-7=0/378,		
BOT CHORD 15-16=0/ WEBS 7-11=-10	943, 14-15=0/1229, 13-14= 65/0, 1-16=0/597, 2-16=-53	0/1002, 12-13=0/272, 11-12=-1 6/0, 5-13=-435/0, 6-13=0/468, 6	189/0, 10-11=-1196/0 5-12=-791/0, 7-12=0/93	32, 7-10=0/777	, 8-10=-661/0		
NOTES- (5)							
 Unbalanced floor live lo Provide mechanical co 	ads have been considered nnection (by others) of truss	for this design. s to bearing plate capable of with	nstanding 413 lb uplift	at joint 9.			
3) Recommend 2x6 strong	gbacks, on edge, spaced at	10-0-0 oc and fastened to eac	h truss with 3-10d (0.1	31 [°] X 3") nails.	Strongbacks to		
4) CAUTION, Do not erec	t truss backwards.	a by other means.					
LOAD CASE(S) Standard							



Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT H	ILLS 330 ADAMS POINT	E COURT ANGIER, NO
24-1099-F01	F1-15	Floor	1	1		. #	t 50135
			Run: 8.430 s Feb 12	2021 Print	Job Reference (optional) : 8.430 s Feb 12 2021 MiTek) Industries, Inc. Mon Aug 5 (daph.p.d.l.d.l.kml ac 11/20	20:41:14 2024 Page 1
0-1-8			ID.SIXEXEN?C	ouvyja ? c		uspiikinulkiil25jk?t	INIJH4IIIIyJVFIIyq0ZJ
⊢					1-4-8		<u>-0-0</u> 0-1-8 Scale = 1:26.0
3x4 =							3x4 =
1.5x3 =	3x4 =	$3x4 = 1.5x3 \parallel$	3x4 =	3x4	=	3x8 =	1.5x3 =
		3 4	3T1 8 B1	ŀ	W3		
16 3x4 3x4	15 = 3x4 =	14 3x8 =	13 3x4 =		12 4x4 =	10 3x4 3x4 =	3x4
Plate Offsets (X Y) 18:0	-1-8 Edge] [17·Edge 01-8]	13-1-8 13-1-8				<u> </u>	
	SBACING 140	681	DEEL in	(100)	l/dofi l/d		
TCLL 40.0	Plate Grip DOL 1.00	TC 0.29	Vert(LL) -0.05	14 :	>999 480	MT20 244/	190
TCDL 10.0 BCLL 0.0 BCDL 5.0	Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	BC 0.24 WB 0.43 Matrix-SH	Vert(CT) -0.07 Horz(CT) 0.01	14 : 11	>999 360 n/a n/a	Weight: 80 lb F	T = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No	.1(flat) .1(flat) .2(flat)		BRACING- TOP CHORD	Structura end vert	al wood sheathing directicals.	tly applied or 6-0-0 o	c purlins, except
REACTIONS. (lb/size) Max Uplift	17=389/0-3-8 (min. 0-1-8), 9=-409(LC 3)	9=-348/0-7-8 (min. 0-1-8), 11=	1088/0-4-8 (min. 0-1-8)		o-o-o oc bracing.	
FORCES. (lb) - Max. Col TOP CHORD 17-18=-3	17=389(LC 3), 11=1088(LC mp./Max. Ten All forces 2 86/0, 1-18=-385/0, 9-19=0/4	1) 50 (lb) or less except when sho 14, 8-19=0/414, 1-2=-503/0, 2-	wn. ·3=-1090/0. 3-4=-1155//	0. 4-5=-1	155/0. 5-6=-632/0.		
6-7=0/38 BOT CHORD 15-16=0/ WEBS 7-11=-10	99, 7-8=0/535 936, 14-15=0/1219, 13-14= 57/0, 1-16=0/571, 2-16=-52	0/986, 11-12=-1178/0, 10-11=- 9/0, 5-13=-439/0, 6-13=0/472, 6	1183/0 6-12=-791/0, 7-12=0/90	4, 7-10=	:0/768, 8-10=-654/0		
NOTES- (5) 1) Unbalanced floor live lo 2) Provide mechanical co 3) Recommend 2x6 stron be attached to walls at 4) CAUTION, Do not erec	bads have been considered nnection (by others) of truss gbacks, on edge, spaced at their outer ends or restraine t truss backwards.	for this design. to bearing plate capable of wit 10-0-0 oc and fastened to eac d by other means.	hstanding 409 lb uplift h truss with 3-10d (0.13	at joint 9 31" X 3")	nails. Strongbacks to		

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUT	T HILLS 330 ADAMS I	POINTE COURT ANGIER, NC
24-1099-F01	F1-16	GABLE	1	1		D.	# 50135
			Run: 8.430 s Feb 12	2 2021 Prin	Job Reference (option t: 8.430 s Feb 12 2021 MiTe	al) ek Industries, Inc. Mon	Aug 5 20:41:17 2024 Page 1
0.1.8			ID:5fxLxLn?C	6dWjia?S	HK4thzkcYI-hsYmYMJv	vrYR_YvZsJ1HUzg4	II6Cd5WdL8TwXas6yqoZG
0-1-0 1_3_0					0-6-0		0-6-4
H					φ- 0- Φ		Scale = 1:38.3
3x4 =	6x6 6x6	1.5x3 3x8 =	1.5x3	1.5x3	∣ 3x6 =		
1.5x3 =	$3x4 = 3x4 = 3x4 = 1.5x3 \parallel -$	3x8 FP= 3x4 =	3x4 =	3	3x4 =	3x4 = 3	3x4 = 3x6 =
1	2 T1 3		/ 8 6	T	8 9 2	10 48	
	1 1 1 1 1 1 1 1 1 1	ST STO	ST7 ST8	<u>S19</u>	Wys San	22	watt i
				XXXX XXXXX	XXX XXX	¥	
32 31	30 29 28	27 26 25 24 23	22 2120	19 18	17 16	15	14 13
3x4 3x4 =	1.5x3 3x4 = 1.5x3 3	$3x4 = 1.5x3 \parallel 3x4 = 1.5x3 \parallel$	3x4 = 3x8 FP = 8	3x10 =	3x6 = 3x4 =	3x4 =	3x4
3x4	3x8 =	^{3x4} 3x4 1.5x3 1.5x3	3 1.5x3 1.5x3				3x4 =
		1.5X3	1.5X3				
140 16028	0 400 540 660	680800 0180401080 1	12-0-0	14-8-0	16-0-0	0.10.9 24	2 / 9 22 1 12
1-4-0 1-0-0 2-8-	0 1-4-0 1-4-0 1-2-0	0-2-0 1-4-0 1-1-8 0-2-8 1-4-0 0)-11-8 1-4-0 0-9-8	80-6-8 1-	2-8 0-1-8 1-4-8	2-6-0 2	-6-0 0-9-4
Plate Offsets (X,Y) [2:0)-0-0,0-3-0], [3:0-0-0,0-3-0],	[19:0-3-4,Edge], [29:0-4-0,0-0-1	0-4-8 0], [32:Edge,0-1-8], [3	4:0-0-1,0	0-0-0], [37:0-0-1,0-0-0]], [39:0-0-11,0-1-4]	, [40:0-1-8,0-0-8]
	SPACING 1-4-0	201	DEEL in	(loc)	l/defl l/d		GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.64	Vert(LL) -0.01	15	>999 480	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.17	Vert(CT) -0.02	15 13	>999 360		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	11012(01) 0.00	15	11/a 11/a	Weight: 126 I	b FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP N	p.1(flat)		TOP CHORD	Structu	ral wood sheathing dir	ectly applied or 6-	0-0 oc purlins, except
BOT CHORD 2x4 SP No WEBS 2x4 SP No	o.1(flat) o.3(flat)		BOT CHORD	end ver Rigid ce	ticals. ailing directly applied o	or 6-0-0 oc bracing	
OTHERS 2x4 SP No	p.3(flat)						
REACTIONS. All beari	ngs 16-1-8 except (it=length) 13=0-4-8.					
(lb) - Max Uplif	t All uplift 100 lb or less at j	oint(s) 18 except 19=-145(LC 4)		2 20 24	aant		
Max Grav	13=340(LC 4), 17=806(LC	s at joint(s) 32, 31, 29, 27, 26, 24 1)	i, 22, 19, 30, 28, 25, 2	3, 20 ex	сері		
EODCES (Ib) Max Co	mp (Max Tan All foreas ?	50 (lb) or loss avaant when she					
TOP CHORD 12-13=-	340/0, 8-9=0/584, 10-48=-72	21/0, 11-48=-721/0	w11.				
BOT CHORD 18-19=-4	410/0, 17-18=-410/0, 16-17= 07/0 8 10-0/355 8 17- 350	-584/0, 15-16=0/759, 14-15=0/6)59 1 14- 523/0				
12-14=0	/389	/0, 9-10-0/032, 10-10771/0, 1	1-14323/0,				
NOTES. (7-10)							
1) Unbalanced floor live	oads have been considered	for this design.					
 2) Gable studs spaced a 3) Provide mechanical comparison 	t 1-4-0 oc. onnection (by others) of trus	s to bearing plate capable of with	nstanding 100 lb uplift	at ioint(s) 18 except (it=lb)		
19=145.							
4) Load case(s) 1, 2, 3, 4 use of this truss.	, 5, 6 has/have been modifi	ed. Building designer must revie	w loads to verify that t	they are	correct for the intende	d	
5) Recommend 2x6 stror	ngbacks, on edge, spaced a	t 10-0-0 oc and fastened to eac	h truss with 3-10d (0.1	131" X 3') nails. Strongbacks f	to	
6) CAUTION, Do not ere	t their outer ends or restrain ct truss backwards.	ed by other means.					
7) Graphical bracing rep	resentation does not depict t	he size, type or the orientation o	of the brace on the me	mber. S	mbol only indicates th	nat unununun	lilition
8) Bearing symbols are c	praced. only graphical representatior	is of a possible bearing conditior	n. Bearing symbols are	e not cor	nsidered in the structu	rakin ORTH CA	MOLIANI
design of the truss to s	support the loads indicated.			I Deserved		III OFESS	PNA P III
Restraining & Bracing	of Metal Plate Connected V	lood Trusses for additional brac	ing guidelines, includi	ng diago	e for manuling, installe	HU, SEAL	
10) SEE BCŠI-B3 SUMŇ	ARY SHEET- PERMANEN		HORDS & WEB MEM			2814	
	IES, ALWAYS CONSULT T	HE PROJECT ARCHITECT OR	ENGINEER FOR ADI	DITIONA	L BRACING		
CONSIDERATIONS.						A NOINE	Et le litt
LOAD CASE(S) Standar	d					MARK V	ORALININ
1) Dead + Floor Live (ba	anced): Lumber Increase=1	.00, Plate Increase=1.00				Man B. W	INHIN .
						8/5/2	024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT HILLS 330 AD	AMS POINTE COURT ANGIER, NC
24-1099-F01	F1-16	GABLE	1	1	Job Reference (optional)	# 50135
		Dum 0.40	0 - 5-6 40	0004 Drive	Job Reference (optional)	Mar Aug 5 00 44 47 0004

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Aug 5 20:41:17 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-hsYmYMJwrYR_YvZsJTHUzg4l6Cd5WdL8TwXas6yqoZG

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



Job	Truss	Truss Type	Qty	Ply LOT 0.0032 HONEYCUT	T HILLS 330 ADAMS POINTE COURT ANGIER, NO
24-1099-F01	F1-19	GABLE	1	1 Ioh Reference (option	<i># 50135</i>
0 ₁ 178			Run: 8.430 s Feb 12 ID:5fxL	2021 Print: 8430 s Feb 12 2021 MiT kLn?C6dWjia?SHK4thzkcYI-9269	ki Industries, inc. Mon Aug 5 20:41:18 2024 Page 1 liiKYcrZr9283sBpjVud3xc?yFAIHiaH7OYyqoZ Scale = 1:22.§
$1.5x3 \\ 1.5x3 = 1.5x \\ 1 2 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	x3 1.5x3 3 1 ST1	1.5x3 1.5x3 4 5 ST1 ST1 ST1 ST1 ST1 ST1	1.5x3 6 ^{3x4} = 7 T1 0 ST1 V/2 ST1 B1 0 ST1 0 B1 0	1.5x3 1.5x3 8 9 ST1 ST1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1.5x3 1.5x3 10 11 12 ST1 ST1 VI C
24 23 3x4 1.5x	22 (3 1.5x3	21 20 1.5x3 1.5x3	19 18 1.5x3 3x4 =	17 16 1.5x3 1.5x3	15 14 13 1.5x3 3x4 1.5x3
1-4-0 1-4-0 Plate Offsets (X Y) [6]	<u>2-8-0 4-0-0</u> <u>1-4-0 1-4-0</u> 0-1-8 Edgel [18:0-1-8 Edge	+ 5-4-0 + 6-8-0 + 1-4-0 + 1-4-0 	<u>8-0-0</u> 1-4-0	9-4-0 10-8-0 1-4-0 1-4-0	12-0-0 13-4-0 13-11-8 1-4-0 1-4-0 0-7-8
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCLL 5.0	SPACING- 2-0- Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YEE Code IRC2021/TPI201-	CSI. 0 TC 0.06 0 BC 0.01 0 WB 0.03 4 Matrix-SH	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	(loc) l/defl L/d - n/a 999 - n/a 999 13 n/a n/a	PLATES GRIP MT20 244/190 Weight: 59 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N WEBS 2x4 SP N OTHERS 2x4 SP N	lo.1(flat) lo.1(flat) lo.3(flat) lo.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing dir end verticals. Rigid ceiling directly applied o	rectly applied or 6-0-0 oc purlins, except or 10-0-0 oc bracing.

REACTIONS. All bearings 13-11-8.

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

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

NOTES-(6)

- Gable requires continuous bottom chord bearing.
 Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 3) Gable studs spaced at 1-4-0 oc.

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

5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Jop	Truss	Truss Type		Qty F	Ply	LOT 0.0032 HONEYCUTT H	ILLS 330 ADAMS	POINTE CC	URT ANGIER, NC
24-1099-F01	F1-20	Floor		8	1	Job Reference (optional)		# 5	0135
			Run: 8.43	0 s Feb 12 2	2021 Print:	8.430 s Feb 12 2021 MiTek I	ndustries, Inc. Mon	Aug 5 20:4	1:18 2024 Page 1 2HiaHZOXygoZE
0-1-8					COUVIE	1:01 II(4112KC11-9209II(1)	cizi 52003Dpj v dd		
1_3_0								1_2_4	
H							ŀ	1-2-4	Scale = 1:23.5
$4x4 \equiv$									
1.5x3 =	3x4 =	3x4 =	3x8	=		3x4 =	4x4	4 =	3x4
1	2	3	4			5	6		7
				1				1	
916				\checkmark				L NNA	w1 2
					\checkmark		\rightarrow	4.0	<u> </u>
	1		B1 0				¥. ↓		
\bowtie									\bowtie
15 14	1:	3	12 11		10	9			8
3x4 3x8	3 = 3:	x4 =	3x4 = 1.5x	3	3x4 =	4	x4 =		3x6 =

160	260	260	279	260	254 020
Plate Offsets (X,Y)	[1:Edge,0-1-8], [15:Edge,0-1-8]	2-0-0	2-7-0	2-0-0	2-0-4 0-0-0
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.36 BC 0.59 WB 0.56 Matrix-SH	DEFL. in (lo Vert(LL) -0.17 11-' Vert(CT) -0.23 11-' Horz(CT) 0.04	nc) l/defl L/d 12 >999 480 12 >739 360 8 n/a n/a	PLATES GRIP MT20 244/190 Weight: 71 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF	P No.1(flat) P No.1(flat)		BRACING- TOP CHORD Strue enc	uctural wood sheathing d I verticals.	irectly applied or 6-0-0 oc purlins, except

9-1-8

WEBS 2x4 SP No.3(flat)

1-6-0

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

11_7_8

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

4-0-0

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

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

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

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

6-6-0

NOTES-(3)

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

2) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



14-0-12

14-3-12

	IIdoo	nuoo rypo			350 ADAMOT OINTE COORT ANGLER, NO
24-1099-F01	F1-26	Floor Supported Gable	1 Job R	eference (optional)	# 50135
		Run: 8.430 ID::	s Feb 12 2021 Print: 8.430 s fxLxLn?C6dWjia?SHK4th	s Feb 12 2021 MiTek Industr hzkcYI-dEgXz2LAN9hin(ries, Inc. Mon Aug 5 20:41:19 2024 Page 1 CjFQuKy25ADi0LB_dYQxE0gw_yqoZE
0- <mark>1-</mark> 8					
					Scale = 1:23.5
1.5x3					
1.5x3 = 1.5x3	1.5x3 1.	5x3 1.5x3 1.5	(3 1.5x3	1.5x3 1.5	5x3 1.5x3 3x4
1 2	3 4	5 $6^{3x4} = 7$	8	9 10	0 11 12
	0		• •	•	
ST1	ST1 S	T1 ST1 ST1 W2 S	1 ST1	ST1 S	T1 ST1 W1 🖧
24 23	22 2	1 20 19 18	17	16 1	5 14 13
3x4 1.5x3	1.5x3 1.5	5x3 1.5x3 1.5x3 3x4	= 1.5x3	1.5x3 1.5	5x3 1.5x3 3x4

				14-3-12		
Plate O	ffsets (X,Y)	[6:0-1-8,Edge], [18:0-1-8,Edge], [24:8	Edge,0-1-8]			
LOADIN TCLL TCDL BCLL BCDL	IG (psf) 40.0 10.0 0.0 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	n (loc) l/defi L/d a - n/a 999 a - n/a 999) 13 n/a n/a	PLATES GRIP MT20 244/190 Weight: 60 lb FT = 20%F, 11%E
LUMBE TOP CH BOT CH	R- IORD 2x4 SF IORD 2x4 SF 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

14-3-12

OTHERS 2x4 SP No.3(flat)

REACTIONS. All bearings 14-3-12.

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

Truss Type

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

NOTES- (6-9)

1) Gable requires continuous bottom chord bearing.

Truce

- 2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 3) Gable studs spaced at 1-4-0 oc.
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 5) CAUTION, Do not erect truss backwards.
- 6) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
- 7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
- Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
 SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED
- 9) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard



LOT 0.0032 HONEVOLITT HILLS I 330 ADAMS POINTE COURT ANGLER NO

Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT HILLS 330 ADAMS POINTE COURT ANGIER, NC
24-1099-F01	F1-29	Floor	1	1	# 50135
			Run: 8.430 s Feb 1	2 2021 Print:	Job Reference (optional) : 8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Aug 5 20:41:20 2024 Page 1
0-1-8			ID:5fxLxLn?	Codvvjia?S	SHK4th2kCYI-6REVAOL081pYPMIR_brBbJildPdDjwBa9umESQyqo2D
1-3-0					.0-7-2.0-6-12.0-10-8.11-1-8
H					Scale = 1:25.9
3x4 =	0.4 -	0.0 -	0	0	
1.5X3 =	3x4 =	3x8 =	3x4 =	3X4 5	4 = 4x8 = 3x4
	2			5	
					W3 W4 W W5 W W6 W S
			B1 5		
20 19	9 18	17 16	15		14 13 42 KXXXXXXX
3x4 3x	4 = 3x4 =	= 1.5x3 3x4 =	3x4 =		$3x4 = 3x4 \parallel 4x6 = 4x6 = 3x6 =$
					13-8-10 13-0468-3-12
1		12-4-2			12-9-0 13-3-6 14-3-6 12₁5⊦10⊨13₁1⊧14 14-1-14 15-9-6
		12-4-2			0 ¹ 1-8 0-3-6 0-4-14 0-1-18 1-6-0 0-3-6 0-1-8 0-5-4
					0-1-8 0-0-6
Plate Offsets (X,Y) [2	0:Edge,0-1-8]		-		
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. ir	(loc)	I/defl L/d PLATES GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.43	Vert(LL) -0.05	17	>999 480 MT20 244/190
BCLL 0.0	Rep Stress Incr NO	WB 0.65	Horz(CT) -0.08	16	>999 360 n/a n/a
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			Weight: 85 lb FT = 20%F, 11%E
LUMBER-			BRACING-		
TOP CHORD 2x4 SP N	No.1(flat)		TOP CHORD	Structura	al wood sheathing directly applied or 6-0-0 oc purlins, except
WEBS 2x4 SP N	No.3(flat)		BOT CHORD	Rigid ce	iling directly applied or 6-0-0 oc bracing.
REACTIONS (Ib/size)	20=402/0-7-14 (min 0-1-8) $10=-340/1-7-8$ (min $0-1-8$)	11=-396/1-7-8 (min 0-	1_8) 11=_	.396/1.7-8 (min 0.1.8) 12=2204/0.4-8 (min 0.1.8)
Max Upl	ift10=-372(LC 3), 11=-476(LC	C 3), 11=-396(LC 1)		10), 11-	
FORCES. (Ib) - Max. C	omp./Max. Ten All forces 2	50 (lb) or less except when sh	iown.		
TOP CHORD 20-21=	-399/0, 1-21=-398/0, 1-2=-52	3/0, 2-3=-1149/0, 3-4=-1222/0	, 4-5=-764/0, 6-7=0/168	85, 7-8=0/	614
BOT CHORD 18-19= 10-11=	0/973, 17-18=0/1311, 16-17= -614/0	0/1311, 15-16=0/1116, 14-15	=0/391, 13-14=-581/0, 1	2-13=-58	1/0, 11-12=-1685/0,
WEBS 8-11=-4	462/0, 7-12=-934/0, 7-11=0/1	357, 8-10=0/728, 1-19=0/594,	2-19=-550/0, 4-15=-42	9/0, 5-15=	=0/455, 5-14=-730/0,
0-14-0	0/569, 0-121022/0				
NOTES- (6-9)	loads have been considered	for this design			
2) Provide mechanical of	connection (by others) of trus	s to bearing plate capable of w	ithstanding 372 lb uplif	t at joint 1	0 and 476 lb uplift at
joint 11. 3) Load case(s) 1 2 3	4 5 6 has/have been modifi	ed Building designer must rev	riew loads to verify that	they are c	correct for the intended
use of this truss.					
 Recommend 2x6 strophenet be attached to walls a 	ongbacks, on edge, spaced a at their outer ends or restrain	t 10-0-0 oc and fastened to ea ed by other means.	ach truss with 3-10d (0.	131" X 3")) nails. Strongbacks to
5) CAUTION, Do not ere	ect truss backwards.				
6) Graphical bracing rep the member must be	bresentation does not depict to braced.	the size, type or the orientation	of the brace on the me	mber. Sy	mbol only indicates that
7) Bearing symbols are	only graphical representation	is of a possible bearing conditi	ion. Bearing symbols ar	e not con	sidered in the structural
8) Web bracing shown i	support the loads indicated.	ual web members only. Refer	to BCSI - Guide to Goo	d Practice	e for Handling, Installing, which CARO
Restraining & Bracing	g of Metal Plate Connected V	Vood Trusses for additional bra	acing guidelines, includ	ing diagor	nal bracing.
9) SEE BCSI-B3 SUMM MINIMUM BRACING	REQUIREMENTS OF TOP	CHORD. BOTTOM CHORD. A	ND WEB PLANES. IN	ADDITIO	N TO THESE MINIMUM
GUIDELINES, ALWA	YS CONSULT THE PROJEC	CT ARCHITECT OR ENGINEE	ER FOR ADDITIONAL E	RACING	CONSIDERATIONS SEAL
LOAD CASE(S) Standa	ırd				28147
1) Dead + Floor Live (ba	alanced): Lumber Increase=1	.00, Plate Increase=1.00			
Vert: 10-20=-	7, 1-9=-67				A NOINEER S
Concentrated Loads	(lb)				K. MORMUM
vert: 6=-735					an a constant
					V/5/2024
					0/J/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT HILLS 330 AD	AMS POINTE COURT ANGIER, NC
24-1099-F01	F1-29	Floor	1	1	Job Reference (optional)	# 50135
		Run: 8.4	30 s Eeh 12	2021 Print	8 430 s Eeb 12 2021 MiTek Industries Inc.	Mon Aug 5 20:41:20 2024 Page 2

in: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 Mi lek Industries, Inc. Mon Aug 5 20:41:20 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-6REvAOLo8TpYPMIR_brBbJildPdDjwBa9umESQyqoZD

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

Vert: 6=-735



Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT	THILLS 330 ADAMS POINTE COURT ANGIER, NO
24-1099-F01	F1-30	Floor	2	1	Ich Reference (ontion	# 50135
	1		Run: 8.430 s Feb 12	2 2021 Print	: 8.430 s Feb 12 2021 MiTe (4thzkcYl-adoHOkMOv)	ek Industries, Inc. Mon Aug 5 20:41:21 2024 Page 1 mxP1WteYJMQ7WFTHpzDSI aiOYV/n?tvao20
0-1-8			ID.OKEKEN: OOC			
⊣					0	1-7-2 0-6-12 1-3-8 0 ₁₁ 8
					I	Scale = 1:24.4
3x4 =						
1.5x3 =	3x4 =	3x8 =	3x4 =		3x4 =	4x8 = 1.5x3
1	2	3	T1		5	$6 7 \frac{4x8}{8} 8$
910						
			B1	<u>ــــــــــــــــــــــــــــــــــــ</u>		
18 17	16	15 14		13	12	11 10 59
3x4 3x4	4 = 3x4	= 1.5x3 3x4 =	= :	3x4 =	3x4	= 3x4 4x6 = 7x8
						13-0-6
		12-4-2				12-9-0 12 ₇ 5 ₇ 10 , 13 ₇ 1 ₇ 14 14-9-14
		12-4-2				0-1-1-8 0-3-6 1 1-8-0 0-3-6 0-1-8
Plate Offsets (X,Y) [7:0)-3-0,Edge], [9:Edge,0-3-0],	[18:Edge,0-1-8]				
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in	(loc)	I/defl L/d	PLATES GRIP
TCLL 40.0 TCDI 10.0	Plate Grip DOL 1.00	TC 0.44 BC 0.29	Vert(LL) -0.05 Vert(CT) -0.08	15 14	>999 480 >999 360	MT20 244/190
BCLL 0.0	Rep Stress Incr NO	WB 0.82	Horz(CT) 0.01	10	n/a n/a	
BCDL 5.0		Matrix-SH				Weight: 78 lb F1 = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No	o 1(flat)		BRACING- TOP CHORD	Structura	al wood sheathing dir	ectly applied or 6-0-0 oc purlins except
BOT CHORD 2x4 SP No	o.1(flat)			end vert	icals.	
WEBS 2X4 SP NO	5.3(liat)		BOT CHORD	Rigia ce	aling directly applied o	or 6-0-0 oc bracing.
REACTIONS. (lb/size) Max Uplifi	18=415/0-7-14 (min. 0-1-8)	, 9=-834/0-8-0 (min. 0-1-8), 10)=2215/0-4-8 (min. 0-1	-8)		
Max Grav	18=415(LC 3), 10=2215(LC	1)				
FORCES. (Ib) - Max. Co	omp./Max. Ten All forces 2	50 (lb) or less except when sho	own.			
TOP CHORD 18-19=-4	411/0, 1-19=-410/0, 1-2=-542 /1010_15_16=0/1383_14-15	2/0, 2-3=-1204/0, 3-4=-1313/0, =0/1383_13-14=0/1224_12-13	4-5=-890/0, 6-7=0/150)4 10_11=_	412/50 0-10=-1504/0	
WEBS 7-10=-98	80/0, 7-9=0/1728, 1-17=0/61	6, 2-17=-572/0, 4-13=-408/0, 5	5-13=0/434, 5-12=-710/	/0, 6-12=0)/573, 6-10=-1608/0	
NOTES- (6-9)						
1) Unbalanced floor live I	loads have been considered	for this design.	ithotonding 971 lb unliff	t at iaint 0		
3) Load case(s) 1, 2, 3, 4	I, 5, 6 has/have been modifie	ed. Building designer must revi	ew loads to verify that	they are c	correct for the intende	d
use of this truss. 4) Recommend 2x6 stror	ngbacks, on edge, spaced at	10-0-0 oc and fastened to ea	ch truss with 3-10d (0.	131" X 3")) nails. Strongbacks t	0
be attached to walls at	t their outer ends or restraine	ed by other means.		,	, <u> </u>	
6) Graphical bracing repr	resentation does not depict t	he size, type or the orientation	of the brace on the me	mber. Sy	mbol only indicates th	nat
the member must be b	praced.	s of a possible bearing condition	on Bearing symbols ar	e not con	sidered in the structu	ral
design of the truss to s	support the loads indicated.					
8) Web bracing shown is Restraining & Bracing	for lateral support of individ of Metal Plate Connected W	ual web members only. Refer t /ood Trusses for additional bra	o BCSI - Guide to Goo cina auidelines. includi	d Practice ing diagoi	e for Handling, Installi nal bracing.	ng,
9) SEE BCSI-B3 SUMMA	ARY SHEET- PERMANENT	RESTRAING/BRACING OF C	HORDS & WEB MEME	BERS FO		WINNETH CARO
GUIDELINES, ALWAY	A CONSULT THE PROJEC	T ARCHITECT OR ENGINEE	R FOR ADDITIONAL B	RACING	CONSIDERATIONS.	OFESSION
LOAD CASE(S) Standar	d				in .	A A A A A A A A A A A A A A A A A A A
1) Dead + Floor Live (bal	lanced): Lumber Increase=1	.00, Plate Increase=1.00			fin	28147
Uniform Loads (plf) Vert: 9-18=-7.	1-8=-67				1911	
Concentrated Loads (I	b)					A ANOINEER C
2) Dead: Lumber Increas	e=1.00, Plate Increase=1.00)				AK K MORRININ
Uniform Loads (plf) Vert: 9-18=-7	1-8=-67					All the state of t
,						8/5/2024
Warning !Verify design	n noromotors and road notes be	fore use. This design is based only	upon parameters shown a	nd is for an	individual building com	here be installed and loaded

Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT HILLS 330 ADAMS	POINTE COURT ANGIER, NC
24-1099-F01	F1-30	Floor	2	1	Job Reference (optional)	# 50135

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Aug 5 20:41:21 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-adoHOkMQvmxP1WteYJMQ7WFTHpzDSLgjOYVn?tyqoZC

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





Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT HILLS 330 ADAM	IS POINTE COURT ANGIER, NC
24-1099-F01	F1-31	Floor	1	1	Job Reference (optional)	# 50135

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Mon Aug 5 20:41:23 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-W0w1oPOhROB7Gq10fkOuCxKp1deywli0rs_u3lyqoZA

LOAD CASE(S) Standard
Concentrated Loads (lb)
Vert: 7=-735
2) Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-24=-7, 1-11=-67
Concentrated Loads (lb)
Vert: 7=-735
3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-24=-7, 1-8=-67, 8-11=-13
Concentrated Loads (lb)
Vert: 7=-735
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-24=-7, 1-8=-13, 8-11=-67
Concentrated Loads (lb)
Vert: /=-/35
5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-24=-7, 1-8=-67, 8-11=-13
Concentrated Loads (ID)
Vert: $7 = 735$
6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Vert: 12-24=-7, 1-8=-13, 8-11=-67
Concentrated Loads (ID)
vert: /=-/35



Line Pin2 Par I Image: Comparison of the status of	Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYC	UTT HILLS 330 ADAMS	POINTE COURT ANGIER, NO	
Out Description Description Description Description Description 0.1.3 H Description Description <t< td=""><td>24-1099-F01</td><td>F1-32</td><td>Floor</td><td>5</td><td>1</td><td></td><td></td><td># 50135</td></t<>	24-1099-F01	F1-32	Floor	5	1			# 50135	
$\frac{13}{122}$ $\frac{14}{122}$ $\frac{12}{122}$ $\frac{12}{12}$ $\frac{12}{12}$ $\frac{12}{12}$ $\frac{12}{12}$ $\frac{12}{12}$ $\frac{12}{12}$ $\frac{12}{12}$ $\frac{12}{12}$ $\frac{12}{12}$									
$\frac{1}{12} - \frac{1}{12} $	ID:5fxLxLn?C6dWjia?SHK4thzkcYICTQ0IPJChJ_uzcCDRv7l9tze1fpRA4VkRbCyqoZ9								
$\frac{1}{100}$ $\frac{34}{100}$ 34	0-1-0				0-7-2	0_6_12		0-10-8 0-1-8	
$ \frac{34}{10^{10}} = 3$	H				0-1-2	- 4-0-12		Scale = 1:30.1	
$\frac{1}{100} + \frac{1}{100} + \frac{1}$									
$ \begin{array}{c} \begin{array}{c} 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 $									
$\frac{34-1}{150-1}$ 34									
1 1 1 2 3 4 3 3 4 3 3 4 3	3x4 =							3x4 =	
1 1	1.5x3 =	3x4 = 3x8 FP =	3x8 = 3x4 =	3x4 =		4x8 = 3x6 =	3x4 =	1.5x3 =	
Image: Note: Section 1 Image: Section 2 Image: Sect			4 5 Fal al		<u>}</u>			ں ا م	
Part of the second se					W3			W5 b 1 ²⁵	
22 21 20 19 18 17 16 15 13 12 3.4 3.4 = 3.4	J I T	Ý Ý	B1 6 6		- Tér	<mark>∏ ∏_ в</mark> ≥	۲í – – – – – – – – – – – – – – – – – – –		
34 34 = 34 = 150 34 = 34 = 304 408 = 34 = 304 408 = 34 = 304 1242 1243 1242 1243 1242 1244 1242 1244 1242 1244 1242 1244 1242 1244 1242 1244 1242 1244 1244 1244 1242 1244 1242 1244 1242 1244 1242 1244 1242 1244 1242 1244 1244 1444 1244 1444 1242 1244 1244 1444 1244 1444	22 22	21	20 19	18 17	16	15 14	13	12	
13-14 13-14 13-14 13-24 13-14	3x4 3x4	4 = 3x4 =	1.5x3 3x4 =	3x4 = 3x8 FP=	3x4 =	3x4 4x6 =	3x4 =	3x4 = 3x4	
1242 1241 1242 1242 1242									
1242 1244 12442 12442 12442 12442 12442 12442 12442 12442 12442 12442 12442 12442 12442 12442 12442 12442 12442 12442 1240000 1440 PLATE ONLOW 1440 124000 124000 12414 126000 <th< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></th<>									
1242 1243 1244 1244 1244 1244 1244 Plate Offsets (XY)- [10:0-18.Edge] [23 Edge,0-163] Plate Offsets (XY)- [10:0-18.Edge] [23 Edge,0-163] 100.0 Plate Offsets (XY)- [10:0-18.Edge] [23 Edge,0-163] BCL 0:0 Plate Offsets (X)- [10:0-18.Edge] [23 Edge,0-163] BCL 0:0.0 Read Offset (K) Plate Offset (K) Colspan=[10:0.0 BCC Cols (K):00 (14:16-1757(LC 1) FOR CHORD 2:1:4:0:03, 11=00(1:0.4), 14=1757(LC 1) FOR CH									
1944 1944						13-1-14			
Plate 124-2 <th< td=""><td></td><td></td><td></td><td></td><td></td><td>13-0-6 12-9-0</td><td></td><td></td></th<>						13-0-6 12-9-0			
Plate Offsets (XY)- (10:0-1-8_Edge), [23:Edge, 0-1-8] 0-340-13 LOADNNG (prf) TCLL Plate Offsets (XY)- If (10) CSI, Lumber DOL 10.0 Plate Singer DOL 10.0 BC 0.28 Vert(L) 0.05 20 958 40.0 BCDL 10.0 Rep Bixes Incr NO WB 0.37 Vert(L) 0.06 20 958 40.0 BCDL 5.0 Rep Bixes Incr NO WB 0.37 Vert(L) 0.06 20 958 40.0 Weight: 94 lb FT = 20%F, 11%E LUMBER TOP CHORD 244 SP No.1(fel) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc parling, except BOT CHORD 23:4070-7.14 (min. 0-1-8), 11=-125/0-8-0 (min. 0-1-8), 14=-1757/10-4.8 (min. 0-1-8) Max Grav23=410(LC 3), 11=30(LC 4), 14=1757/LC 1 FORCES. (b). Max Grav23=410(LC 3), 11=30(LC 4), 14=1757/LC 1 FORCES Structural wood sheathing directly applied or 6-0-0 oc bracing. FORCES. (b). Max Grav23=410(LC 3), 11=30(LC 4), 14=1757/LC 1 FORCES Structural Wood States Total Structural Wood States Total Structural Wood States Total Struct			<u>12-4-2</u> 12-4-2		1	2-5-10 0-1-80-3-6	<u>18-1-14</u> 5-0-0		
LODDING (pr) PSACING- Plate Grip DOL 1.4-0 Plate Grip DOL CSI. 10.0 Lumber DOL CSI. 10.0 Lumber DOL DEFL. 10.0 BCL in (loc) Idef L/d PLATES SRIP MT20 BCLL 0.0 BCLL 0.0 Code Rep Stress Incr NO BCL 0.0 BCL 1.0 Code RC2021/TPL2014 Matrix-SH Weight: 9.999 480 Weight: 94 lb FT = 20%F, 11%E LUMBER. TOP CHORD 2x4 SP No.1(flat) BOT CHORD X4 SP No.1(flat) BOT CHORD X4 SP No.1(flat) BOT CHORD X4 SP No.1(flat) BOT CHORD X4 SP No.3(flat) BRACING- TOP CHORD X4 SP No.3(flat) BRACING- TOP CHORD X4 SP No.3(flat) REACTIONS: (bisize) 32-4070-714 (min. 0-1-8), 11=-125/0-8-0 (min. 0-1-8), 14=1757/0-4-8 (min. 0-1-8) Max Grav23=410(LC 3), 11=30(LC 4), 14=1757/LC 1) BRACING- TOP CHORD X24 SP No.3(flat) BRACING- TOP CHORD X24 SP No.3(flat) BRACING- TOP CHORD X24=4000, 12-3500, 32=-118500, 45=-12810, 5=-84600, 7=0-01598, 8=-90/1106, 9-10=0289 BOT CHORD X12=0007, 10=0000000, 7=0-00000000000000000000000000000000000	Plate Offsets (X,Y) [10:0-1-8.Edge]. [23:Edge.0-	1-81			0-3-60-1-8			
Citclin 100 (c) Finals Ging Dot, 11:00 CT. 0.49 Vert(T) - 0.08 03 page 480 Citclin 100 Lumber DOL, 11:00 CS. 0.49 Vert(T) - 0.08 19 page 360 BCLL 0.0 Rep Stress incr NO WB 0.37 Vert(T) - 0.08 19 page 360 BCL 5.0 Code IRC2021/TPI2014 Matrix-SH Vert(T) - 0.08 19 page 360 BCL 5.0 Code IRC2021/TPI2014 Matrix-SH Vert(T) - 0.08 19 page 360 BCL 5.0 Code IRC2021/TPI2014 Matrix-SH Vert(T) - 0.08 19 page 360 BCL 5.0 Code IRC2021/TPI2014 Matrix-SH Vert(T) - 0.08 19 page 360 BCD Structural wood sheathing directly applied or 6-0.0 oc partins, except end verticals. BOT CHORD Right celling directly applied or 6-0.0 oc bracing. REACTION: (bisize) 23-ad700-7-14 (min.0-1-8), 11=-1250-8-0 (min.0-1-8), 14=-17570-4.8 (min.0-1-8) Matrix Upr(T) - 0.00 Matrix Upr(T) - 0.00 FORCES. (b) - Max. Comp. Max. Ten All forces 250 (l) or less except when shown. COCHORD 21-22-00/07, 22-21-0/1358, 19-20-07136, 11=-00-168, 17-18-0/144, 16-17=0/484, 16-17=0/484, 16-17=0/484, 16-17=0/484, 16-16=-5120, 14-15=-5120, 14-15=-5120, 14-15=-5120, 14-15=-5120, 14-15=-5120, 14-15=-5120, 14-15=-5120, 14-15=-		SPACING 14	0 08	DEEL in	(loo)			CPID	
TCDL 10.0 Lumber DOL 1.00 BC 0.29 Vert(CT) 0.08 19 9999 360 BCDL 5.0 Code IRC2021(TPI2014 Matrix-SH Hor2(CT) 0.01 14 n/a m/a Weight: 94 lb FT = 20%F, 11%E UMBER- TOP CHORD 2x4 SP No.1(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purtins, except end verticals. BOT CHORD 2x4 SP No.1(flat) BTACINE- TOP CHORD Rigid celling directly applied or 6-0-0 oc purtins, except end verticals. WEBS 2x4 SP No.1(flat) BTACINE- TOP CHORD Rigid celling directly applied or 6-0-0 oc bracing. REACTONS. (Ibizze) 23=407/0.7-14 (min. 0-1-8), 11=-125/0-8-0 (min. 0-1-8), 14=1757/0-4-8 (min. 0-1-8), Max Grav23=410(LC 3), 14=1757/(LC 1) BTACINE- TOP CHORD 23:42+07/0, 1-24=4000, 1-2=5350, 2-3=-1185/0, 3-4=-1281/0, 5-6=-446/0, 7-8=0/1598, 8-9=0/1106, 9-10-9/1598, 8-9=0/1106, 9-10-9/1598, 8-9=0/1106, 9-10-9/28, 1-14=-5320, 12-13=-675/0, 0-12=-0/471, 10-12=-372/0, 1-22=-0608, 2-22=-564/0, 5-18=-420/0, 6-18=-0444, 6-16=-728/0, 7-18=-0716, 9-12-0471, 10-12=-372/0, 1-22=-0608, 2-22=-564/0, 5-18=-420/0, 6-18=-0444, 6-16=-728/0, 7-18=-0716, 9-13=-078/0, 1-23=-657/0, 9-12=-0471, 10-12=-372/0, 1-22=-0608, 2-22=-564/0, 5-18=-420/0, 6-18=-0444, 6-16=-2512/0, 1-13=-475/0, 1-13=-475/0, 1-12=-475/0, 1-12=-475/0, 1-12=-475/0, 1-12=-475/0, 1-12=-475/0, 1-12=-475/0, 1-12=-475/0, 1-12=-475/0, 1-12=-475/0, 1-12=-475/0, 1-12	TCLL 40.0	Plate Grip DOL 1.0	0 TC 0.49	Vert(LL) -0.05	20 >	>999 480	MT20	244/190	
ECDL 5.0 Code (RC2021/TPI2014 Matrix-SH Matrix-SH Matrix-SH Matrix-SH Matrix-SH Weight 94 Ib FT = 20%F, 11%E LUMBER. TOP CHORD 2x4 SP No.1[flat] BTC-LORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except BOT CHORD 2x4 SP No.1[flat] BTC-LORD Structural wood sheathing directly applied or 6-0-0 oc bracing. WEBS 2x4 SP No.3[flat] BTC-HORD Relactions Btructural wood sheathing directly applied or 6-0-0 oc bracing. REACTIONS. (Ib/size) 23=407/0-7-14 (min. 0-1-8), 11=-125/0-8-0 (min. 0-1-8), 14=-1757/0-4-8 (min. 0-1-8) Max Lipit111=-244(LC3) BTC-HORD Structural wood sheathing directly applied or 6-0-0 oc bracing. REACTIONS. (Ib/size) 23=407/0-7-14 (min. 0-1-8), 11=-125/0-8-0 (min. 0-1-8), 14=-1757/0-4-8 (min. 0-1-8) Max Cupit111=-244(LC3) BTC-HORD Structural wood sheathing directly applied or 6-0-0 oc bracing. FORCES. (Ib) - Max Comp.Max. Ten All forces 250 (Ib) or less except when shown. TOP CHORD 23-44-70/0, 12404078, 19-2-0471, 10-12=-372/0, 1-22=-0640, 5-18=-01146, 5-18=-01146, 5-18=-01240, 6-18=-01446, 6-18=-0240, 6-18=	TCDL 10.0 BCU 0.0	Lumber DOL 1.0 Rep Stress Incr N	00 BC 0.29 0 WB 0.37	Vert(CT) -0.08 Horz(CT) 0.01	19 × 14	>999 360 n/a n/a			
LUMBER. TOP CHORD BRACING- TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals. BOT CHORD 2x4 SP No.1(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc bracing. REACTIONS. (Bysizp) 23:4070-7-14 (min.0-1-8), 11=-1250-8-0 (min.0-1-8), 14=1757(0-4.8 (min.0-1-8) Max Upplit11=-244(C.3), Max Grav23=410(LC.3), 11=30(LC.4), 14=1757(LC.1) BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. FORCES. (b) Max Comp.Max. TenAl forces 250 (b) or less except when shown. 0-1-8) Max Upplit11=-244(C.3), 11=30(LC.3), 11=30(LC.4), 14=1757(LC.1) FORCES. (b) Max Comp.Max. TenAl forces 250 (b) or less except when shown. 0-10=0/28 CIORD 21-22=-01997, 20-21=0/1358, 18-19=0/1186, 17-18=0/484, 16-17=0/484, 16-17=0-1484, 15-16=-5120, 14-15=-5120, 13-14=-15800, 1-21=-6750 WEBS 8-14=-5300, 8-13=01604, 9-13=-6510, 9-12=0/471, 10-12=-3720, 1-22=0/608, 2-22=-564(0, 5-18=-420(0, 6-18=-0/446, 6-16=-7250, 7-16=0/581, 7-14=-16380 NOTES- (6-9) 1) Unbalanced floor live loads have been considered for this design. 2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplit at joint(s) except (jt=b) 11=244. 3) Load case(b1, 12, 2, 4, 5, 6 has/have been modified. Building designer must review loads to verify mat they are corect for the intended use of this truss.	BCDL 5.0	Code IRC2021/TPI201	4 Matrix-SH				Weight: 94 lb	FT = 20%F, 11%E	
TOP CHORD 2x4 SP No.1(flat) TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end witcals. BOT CHORD 2x4 SP No.1(flat) BOT CHORD Rigid ceiling directly applied or 6-0-0 oc bracing. REACTONS. (lbsize) 23=407/0.7-14 (min. 0-1-8), 11=-125/0-8-0 (min. 0-1-8), 14=1757/0-4-8 (min. 0-1-8) Rigid ceiling directly applied or 6-0-0 oc bracing. REACTONS. (lbsize) 23=407/0.7-14 (min. 0-1-8), 11=-125/0-8-0 (min. 0-1-8), 14=1757/0-4-8 (min. 0-1-8) Max Garay23=410(L 3), 11=30(L 4), 14=1757(L 1) FORCES. (lb) Nax Comp.Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 22.42=407/0, 1-24=4060, 1-25=-5570, 2-3=-1185/0, 3-4=-1185/0, 3-4=-1281/0, 5-6=-846/0, 7-8=0/1598, 8-9=0/1106, 9-09-09-09/2024 BOT CHORD 21.22=0/987, 20.21=0/138, 19.20=0/1358, 18-19=0/1186, 17-18=0/484, 16-17=0/484, 15-16=-5120, 14-15=-512/0, 13-14=-1580, 12-13=-676/0 WEBS 8-14=-530/0, 8-13=-05810, 9-12=-0471, 10-12=-372/0, 1-22=0/608, 2-22=-564/0, 5-18=-420/0, 6-18=-0/446, 6-16=-725/0, 7-16=0/581, 7-14=-1638/0 NOTES- (6-9) 1) Unbalanced floor live bads have been considered for this design. 2) Provide mechanical concender diver diver ends or restrained by other means. 6) Garaphical braced. Structural wood structura	LUMBER-			BRACING-			·		
BOT CHORD Explored by the standard sta	TOP CHORD 2x4 SP	No.1(flat)		TOP CHORD	Structura	al wood sheathing	directly applied or 6-	0-0 oc purlins, except	
REACTIONS. (Ib/size) 23=407/07-14 (min. 0.1-8), 11=-125/0-8-0 (min. 0.1-8), 14=1757/0-4.8 (min. 0.1-8) Max Grav23=10(LC 3), 11=30(LC 4), 14=1757(LC 1) FORCES. (Ib) - Max. Comp./Max. Ten All forces 250 (Ib) or less except when shown. TOP CHORD 23-24=407/0, 1-24=-406/0, 1-2=-5350, 2-3=-11850, 3-4=-11850, 4-5=-1281/0, 5-6=-846/0, 7-8=0/1598, 8-9=0/1106, 9-10=0/299 BOT CHORD 21-22=0/997, 20-21=0/1358, 19-20=0/1358, 18-19=0/1186, 17-18=0/484, 16-17=0/484, 15-16=-512/0, 14-15=-512/0, 13-14a=-15980, 12-13=-675/0 WEBS 8-14-6-3300, 8-13=-06/964, 9-13=-651/0, 9-12=0/471, 10-12=-372/0, 1-22=0/608, 2-22=-564/0, 5-18=-420/0, 6-18=-0/446, 6-16=-725/0, 7-16=0/581, 7-14=-1638/0 NOTES (6-9) 1) Uhalanced floor live loads have been considered for this design. 2) Provide mechanical commerciant plate capable of withstanding 100 lb uplift at joint(s) except (I=Ib) 11=244. 3) Load case(s) 1, 2, 3, 4, 5, 6 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss. 5) CAUTION, Do not erect truss backwards. 5) CAUTION, Do not erect truss backwards. 6) Tespecific Baladiand for the druss of a possible bearing conditional bracing guidelines, including diagonal bracing. 9) SEE RCS-BS SUMMARY FY SHEET. PERMANENT RESTRENGRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDEDED Web 2: 7-37.5 Concentrated Loads (Ib) Vet: 11-23-7, 1-10=-67 Concentrated Loads (Ib) Vet: 11-	WEBS 2x4 SP	No.3(flat)		BOT CHORD	Rigid ce	iling directly applie	d or 6-0-0 oc bracino	g.	
Max Upilit11=-244(LC 3), Max Grav23=410(LC 3), 11=30(LC 4), 14=1757(LC 1) FORCES. (b) - Max. Comp./Max. Ten All forces 250 (b) or less except when shown. TOP CHORD 23-24=4070, 1:24=-406/0, 1-2=-535/0, 2-3=-1185/0, 3-4=-1185/0, 4-5=-1281/0, 5-6=-846/0, 7-8=0/1598, 8-9=0/1106, 9-10=0/289 BOT CHORD 21-22=0/997, 20-21=0/1358, 19-2=00/1358, 18-19=0/1186, 17-18=0/484, 16-17=0/484, 15-16=-512/0, 14-15=-512/0, 13-14=-1598/0, 12-13=-675/0 WEBS 8-14=-530/0, 8-13=-0651/0, 9-12=0/471, 10-12=-372/0, 1-22=0/608, 2-22=-564/0, 5-18=-420/0, 6-18=-0/446, 6-16=-725/0, 7-16=0/581, 7-14=-1638/0 NOTES (6.9) 1) Uhbalanced floor live loads have been considered for this design. 2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb upilft at joint(s) except (i=ib) 11=244. 3) Load case(s) 1, 2, 3, 4, 5, 6 hashave been modified. Building designer must review loads to verify that they are correct for the intended use of this truss. 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131* X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 5) CAUTION. Do not erect truss backwards. 6) Graphical tracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 1) Bearing symbols are noty stleter Jerpresentations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated. 3) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing. Installing 1) Bearing symbols are only KHEET. PERMANET RESTRENDING/RACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED 0 Web tracing the strass of the data single of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Installing, Installing, Installing, Installing, Install	REACTIONS. (Ib/size	e) 23=407/0-7-14 (min. 0-1-	8), 11=-125/0-8-0 (min. 0-1-8),	14=1757/0-4-8 (min. 0-	1-8)				
FORCES. (b) - Max. Comp./Max. Ten All forces 250 (b) or less except when shown. TOP CHORD 23-24-407/0, 1-24-406/0, 1-22-535/0, 2-3+-1185/0, 4-51281/0, 5-6=-846/0, 7-8=0/1598, 8-9=0/1106, 9-10-0/289 BOT CHORD 21-22-0997, 20-21=0/1358, 19-20=0/1358, 18-19=0/1186, 17-18=0/484, 16-17=0/484, 15-16=-512/0, 14-15=-512/0, 13-14=-1598/0, 12-13=-675/0 WEBS 8-14=-5000, 8-13=0:694, 9-13=-651/0, 9-12=0/471, 10-12=-372/0, 1-22=0/608, 2-22=-564/0, 5-18=-420/0, 6-18=0/446, 6-16=-725/0, 7-16=0/581, 7-14=-1638/0 NOTES- (6-9) 1) Unbalanced floor live loads have been considered for this design. 2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=244. 3) Load case(s) 1, 2, 3, 4, 5, 6 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss. 6) CAUTION. Do not erect truss backwards. 6) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 9) SEE DGS-B3 SUMMARY SHEET- PERMANEXT RESTRAING/BRACING OF CHORDs & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 9) SEE DGS-B3 SUMMARY SHEET- PERMANEXT RESTRAING/BRACING OF CHORDs & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 9) SEE DGS-B3 SUMMARY SHEET- FERMANEY RESTRAING/BRACING OF CHORDs & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SHIELS, ALWAYS CONSULT	Max U Max G	plift11=-244(LC 3) ray 23=410(LC 3)_11=30(LC	4) 14=1757(I C 1)						
FORCES. (b) - Max. Comp./Max. Ten All forces 250 (b) or less except when shown. TOP CHORD 23-24=-4070, 1-24=-4080(0, 1-2e-5350) c-23=-11850, 3-4=-11850, 4-5=-1281/0, 5-6=-846/0, 7-8=0/1598, 8-9=0/1106, 9-10=0/289 BOT CHORD 21-22=0/997, 20-21=0/1358, 19-20=0/1358, 18-19=0/1186, 17-18=0/484, 16-17=0/484, 15-16=-512/0, 14-15=-512/0, 13-14=-1598/0, 12-13=-675/0 WEBS 8-144=-5300, 8-13=0/694, 9-13=-651/0, 9-12=0/471, 10-12=-372/0, 1-22=0/608, 2-22=-564/0, 5-18=-420/0, 6-18=0/446, 6-16=-725/0, 7-16=0/581, 7-14=-1638/0 NOTES- (6-9) 1) Unbalanced floor live loads have been considered for this design. 2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb upift at joint(s) except (j=1b) 11=244. 3) Load case(s) (1, 2, 3, 4, 5, 6 has/have been modified. Building designer must review loads to verify that they are correct for the intended aus of this truss. 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131* X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 5) CAUTION, Do not erect truss backwards. 6) Graphical bracing perpresentation does not depic the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 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. Bise BCS: BS SUMMARY SHEET - PERMANENT RESTRAING/BRACING OF CHORDS & WEB MERERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM STACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM STACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM STACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB			+), 14-1707(EO 1)						
Bot CHORD 21-22-0097, 20-21-20/1358, 19-20=0/1358, 18-19=0/1186, 17-18=0/484, 16-17=0/484, 15-16=-512/0, 14-15=-512/0, 13-14=-1598/0, 12-13=-675/0 WEBS 8-14=-530/0, 8-13=-0694, 9-13=-0651/0, 9-12=0/471, 10-12=-372/0, 1-22=0/608, 2-22=-564/0, 5-18=-420/0, 6-18=0/446, 6-16=-725/0, 7-16=0/984, 17-14=-1638/0 NOTES (6-9) 1) Unbalanced floor live loads have been considered for this design. 2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=244. 3) Load case(s) 1, 2, 3, 4, 5, 6 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss. 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 5) CAUTION. Do not erect truss backwards. 6) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated. 8) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, mestraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guideling and bracing. 9) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDEDS MINIMUM BRACING RECOUREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM MRACING RECOUREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM MINIMUM BRACING RECOUREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM Wet: 11-123=-7, 1-10=67 Concentrate Loads (bif) Vet: 7=-735	FORCES. (lb) - Max. TOP CHORD 23-24	Comp./Max. Ten All forces =-407/0, 1-24=-406/0, 1-2=-{	250 (lb) or less except when sh 535/0, 2-3=-1185/0, 3-4=-1185/0	iown. . 4-5=-1281/0. 5-6=-846	/0. 7-8=0	/1598. 8-9=0/1106			
 BOT CHORD 21:22-0/89/, 20/21-0/1356, 19:20-0/1356, 19:20-0/1366, 19:20-0/1366, 19:10-0/1464, 19:17-0/464, 19:17-0/464, 19:10-3120, 14:15-3120, 14:15-3120, 14:15-3120, 14:15-3120, 13:144-1580(), 12:15-6750) WEBS 8-14=-530(0, 8-13=0/694, 9:13=-6570) NOTES- (6-9) 1) Unbalanced floor live loads have been considered for this design. 2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (I=Ib) 11=244. 3) Load case(s) 1, 2, 3, 4, 5, 6 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss. 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 5) CAUTION, Do not erect russ backwards. 6) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 8) Web bracing shown is for lateral support of individual web members only. Refer to BC3I-6 Guide to Good Practice for Handling, Installing Restraining. 9) SEE BC5I-BS SUMMARY SHEET- PERMANENT RESTRAINC/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEAL (b) tumber Increase=1.00, Plate Increase=1.00, WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEAL (b) tumber Increase=1.00, Plate Increase=1.00, Vert: 7-735 	9-10=0/289 POT 01/00, 1-2440/0, 1-2300/0, 1-2300/0, 2-0100/0, 0-4100/0, 0-0040/0, 1-0-0/1080, 0-9-0/1100, 9-10=0/289								
 WEBS 8-142-530(0, 8-13=0/694, 9-13=-651(0, 9-12=0/471, 10-12=-372/0, 1-22=0/608, 2-22=-564/0, 5-18=-420/0, 6-18=0/446, 6-16=-725/0, 7-16=0/581, 7-14=-1638/0 NOTES- (6-9) Unbalanced floor live loads have been considered for this design. Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (it=lb) 11=244. Ioad 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. G CAptical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated. Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. SE ECSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOC HORD, BOTTOM CHORD, ADD WEB PLANES. IN ADDITION TO THESE MINIMUM COUNT LESS (IN DUBLICA). LUMER (balanced): Lumber Increase=1.00, Plate Increase=1.00 Wintom Loads (pf) Vert: 1-23-7, 1-10=-67 Concentrated Loads (b) Vert: 7-735 	вот оноко – 21-22=0/997, 20-21=0/1358, 19-20=0/1358, 18-19=0/1186, 17-18=0/484, 16-17=0/484, 15-16=-512/0, 14-15=-512/0, 13-14=-1598/0, 12-13=-675/0								
 NOTES - (6-9) Unbalanced floor live loads have been considered for this design. Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=244. Load case(s) 1, 2, 3, 4, 5, 6 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss. Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. CAUTION, Do not erect truss backwards. Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. Web bracing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the trust so support the loads indicated. Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, AND WEB PLANES. IN ADDITION TO THESE MININAUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS of the structural for the trust so (blanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (lb). Vert: 11-23=-7, 1-10=-67 Concentrated Loads (lb). Vert: 7-735 	WEBS 8-14=-530/0, 8-13=0/694, 9-13=-651/0, 9-12=0/471, 10-12=-372/0, 1-22=0/608, 2-22=-564/0, 5-18=-420/0, 6-18=0/446, 6 16=-750/0, 7 16=-0/584, 7 14=-1638/0								
 NOTES (6-9) 1) Unbalanced floor live loads have been considered for this design. 2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (it=lb) 11=244. 3) Load case(s) 1, 2, 3, 4, 5, 6 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss. 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131* X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 5) CAUTION, Do not erect truss backwards. 6) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated. 8) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 9) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEBRES FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM BRACING SUBLEMENTS FOR ADDITIONAL BRACING CONSIDERATIONS LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pf) Vert: 7=-735 	U-IU/20/U, /-IU-U/301, /-I4IU30/U								
 2) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) except (jt=lb) 11=244. 3) Load case(s) 1, 2, 3, 4, 5, 6 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss. 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 5) CAUTION, Do not erect truss backwards. 6) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated. 8) Web bracing of Metal Plate Connected Wood Trusses for additional bracing uidelines, including diagonal bracing. 9) SEE ECSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM BRACING CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS ELOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00, Uniform Loads (plf) Vert: 11=23=-7, 1-10=-67 Concentrated Loads (lb) Vert: 7=-735 	NOTES- (6-9) 1) Unbalanced floor liv	e loads have been consider	ed for this desian.						
 a) Evaluation of the provided each moduled. Building designer must review loads to verify that they are connected to the interded use of this truss. 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 5) CAUTION, Do not erect truss backwards. 6) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated. 8) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 9) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS of TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SUCCING REQUIREMENTS of TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SUCCING EQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SUCCING SUCCINCIDERATIONS LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-23=-7, 1-10=-67 Concentrated Loads (lb) Vert: 7-735 	2) Provide mechanica	l connection (by others) of true	iss to bearing plate capable of w	vithstanding 100 lb uplift	at joint(s) except (jt=lb) 11=	:244. 		
 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means. 5) CAUTION, Do not erect truss backwards. 6) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated. 8) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 9) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEAL CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pf) Vert: 7=-735 	3) Load case(s) 1, 2, 3, 4, 5, 6 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.								
 5) CAUTION, Do not erect truss backwards. 6) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated. 8) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 9) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEAL CODE CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-23=-7, 1-10=-67 Concentrated Loads (lb) Vert: 7=-735 	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 walk at their outer ends or restrained by other means								
 6) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced. 7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated. 8) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 9) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00, Uniform Loads (plf) Vert: 11-23=-7, 1-10=-67 Concentrated Loads (lb) Vert: 7=-735 	5) CAUTION, Do not e	erect truss backwards.		64 H 4					
 7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated. 8) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 9) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEAL CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-23=-7, 1-10=-67 Concentrated Loads (lb) Vert: 7=-735 Warning !Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded 	6) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.								
 a) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. a) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEAL b) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEAL b) SEA BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING CONSIDERATIONS b) SEE BCSI-B3 SUMMARY SHEET-PERMANENT RESTRAING/BRACING CONSIDERATIONS b) SEE BCSI-B3 SUMMARY SHEET-PERMANENT RESTRAING/BRACING CONSIDERATIONS b) SEE BCSI-B3 SUMMARY SH	7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural								
Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 9) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-23=-7, 1-10=-67 Concentrated Loads (lb) Vert: 7=-735 <u>8/5/2024</u>	8) Web bracing shown is for lateral support of individual web members only. Refer to BCSI - Guide to Good Practice for Handling, Installing								
MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEAL GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-23=-7, 1-10=-67 Concentrated Loads (lb) Vert: 7=-735 Warning 1—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	Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing. 9) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED								
LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-23=-7, 1-10=-67 Concentrated Loads (lb) Vert: 7=-735 <u>8/5/2024</u>	MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEAL								
LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-23=-7, 1-10=-67 Concentrated Loads (lb) Vert: 7=-735 <u>8/5/2024</u>	GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS 28147								
Uniform Loads (plf) Vert: 11-23=-7, 1-10=-67 Concentrated Loads (lb) Vert: 7=-735 Warning !Verify design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual building component to be installed and loaded	LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1 00 Plate Increase=1 00								
Vert: 11-23=-7, 1-10=-67 Concentrated Loads (lb) Vert: 7=-735 8/5/2024 Continued on 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	Uniform Loads (plf)						A PARA	E. BISHIN	
Vert: 7=-735 ´´ 8/5/2024	Vert: 11-23 Concentrated Load	=-7, 1-10=-67 s (lb)					Mannak K. N	AOmmun	
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	Vert: 7=-73	5					8/5/7	024	
	Warning !—Verify des	sign parameters and read notes	before use. This design is based only	y upon parameters shown, ar	nd is for an	individual building co	omponent to be installed	l and loaded	

Job	Truss	Truss Type	Qty	Ply	LOT 0.0032 HONEYCUTT HILLS 330 AD	AMS POINTE COURT ANGIER, NC
24-1099-F01	F1-32	Floor	5	1	Job Reference (optional)	# 50135
			Run: 8 430 s Eeb 12	2021 Print	8 430 s Eeb 12 2021 MiTek Industries Inc.	Mon Aug 5 20:41:24 2024 Page 2

in: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 Mi lek industries, inc. Mon Aug 5 20:41:24 2024 Page 2 ID:5fxLxLn?C6dWjia?SHK4thzkcYI-_CTQ0IPJChJ_uzcCDRv7l9tze1__fpRA4VkRbCyqoZ9

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

Vert: 7=-735



300	11035	Truss Type	QUY	' 'y	LOT 0.0032 HOME FCOTT HILLS 3307	ADAMS FOINTE COURT ANGIER, NO
24-1099-F01	F1-33	Floor Supported Gable	1	1	Job Reference (optional)	# 50135
		Run: 8. ID::	430 s Feb 12 5fxLxLn?C6	2021 Print: dWjia?SH	8.430 s Feb 12 2021 MiTek Industries, Ir K4thzkcYI-SO1oD5Pxz?RrV7BPn9f	nc. Mon Aug 5 20:41:25 2024 Page 1 RMIMQFAQOaOL1JJ9T?8eyqoZ8
0- <u>1</u> -8						0-1-8
						Scale = 1:30.1
						1.5x3
1.5x3	1.5x3					1.5x3
$1.5x3 = 1.5x3 \parallel$	3x8 FP=1.5x3	1.5x3 1.5x3 1.5x3 3x4 =	1.5x3	1.5x	3 1.5x3 1.5x3 1	.5x3 1.5x3 =
1 2 1	345	6 7 8 9	_10	11	12 13	14 15 16
	ST1 ST1	0 0 0 1	V2 ST1	e ST1	I ST1 ST1	ST1 ST1 BT1 34
XXXXXXXXXX	*****	*****	(XXXXX)	XXXX	*****	XXXXXXXXXX
32 31	30 29	28 27 26 25	24	23	22 21 20	19 18 17
3x4 1.5x3	1.5x3 1.5x3	1.5x3 1.5x3 1.5x3 1.5x3	3x4 =	1.5x	3 3x8 FP= 1	.5x3 3x4
					1.5x3 1.5x3	1.5x3

1				10-1-14					
1				18-1-14					1
Plate Offsets (X,Y) [9:0-1-8,Edge], [24:0-1-8,Edge], [32:Edge,0-1-8]									
LOADIN TCLL TCDL BCLL BCDL	G (psf) 40.0 10.0 0.0 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	(loc) - - 17	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 74 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat) WEBS 2x4 SP No.3(flat) OTHERS 2x4 SP No.3(flat)				BRACING- TOP CHORD BOT CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, excepend verticals. Rigid ceiling directly applied or 10-0-0 oc bracing.)-0 oc purlins, except g.

10 1 1/

REACTIONS. All bearings 18-1-14.

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

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

NOTES- (5-8)

1) Gable requires continuous bottom chord bearing.

- 2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 3) Gable studs spaced at 1-4-0 oc.
- 4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 5) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
- 6) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
- 7) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
 8) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED
- 8) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard

