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#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 #: 56362 JOB: 25-0669-F01 JOB NAME: LOT 0.0029 HONEYCUTT HILLS Wind Code: N/A Wind Speed: Vult= N/A Exposure Category: N/A Mean Roof Height (feet): N/A These truss designs comply with IRC 2018 as well as IRC 2021. 19 Truss Design(s)

Trusses:

F1-01, F1-02, F1-03, F1-04, F1-05, F1-06, F1-07, F1-08, F1-10, F1-11, F1-12, F1-13, F1-13A, F1-14, F1-14A, F1-15, F1-16, F1-18, F1-19



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

Job	Truss		Truss Type		Q	ty 🛛	Ply	LOT 0.0029 HONE	YCUTT HILLS 42	6 ADAMS POINTE	COURT ANGIER, N
25-0669-F01	F1-01		GABLE		1		1	Job Reference (ontional)	#	56362
					Run: 8.430	s Feb 12	2 2021 Pr	int: 8.630 s Jul 12 20	24 MiTek Industries	, Inc. Tue Jan 28 2	1:38:42 2025 Page
0 <u>-1</u> -8					ID:fcZU	KWZOZ	Qmexii	MivGJ_CysCYm-l	ахітдхкохзеки	9Qd3zHRjdayi4F	WYKE I GPIOIZQI
Ч											
											Scale = 1:21.
1.5x3											
1.5x3 =	1.5x3	1.5x3	1.5x3	1.5x3	04	1.5x3	i	1.5x3	1.5x3	1.5x3	3x4
1	2	3	4	5	$6^{3x4} = 0^{3x4}$	7		8	9	10	11
<u>e</u>	•	•	•	•				•	•	•	È
0 ²³ ² - BL 1	ST1	ST1	ST1	ST1	ST1 VV2	ST1		ST1	ST1	ST1	VV1
					RI V	\square		Ц			
							$\times\!\!\times\!\!\times$				XXXX
22	21	20	19	18	17	16		15	14	13	12
3x4	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	=	1.5x3	1.5x3	1.5x3	3x4
1-4-0	2-8-0) 4-0	0 1 5-4	-0 6-8-	0 8-0-0		9-4-	0 10-8-	0 12-0	10 12	4-6
1-4-0	1-4-0) 1-4	0 1-4	-0 1-4-			9-4- 1-4-				4-0 4-6
Plate Offsets (X,Y)	. [6:0-1-8,Edg	jej, [16:0-1-8,Ec	lge], [22:Edge,0	-1-8]							
LOADING (psf) TCLL 40.0	SPAC		0-0 .00	CSI. TC 0.06	DEFL. Vert(LL)	in n/a	(loc)	l/defl L/d n/a 999	PLAT MT20		00
TCDL 10.0	Lumb	er DOL 1	.00	BC 0.01	Vert(CT)	n/a	-	n/a 999 n/a 999	IVITZU	244/1	90
BCLL 0.0 BCDL 5.0		Stress Incr Y IRC2021/TPI2	ES	WB 0.03 Matrix-SH	Horz(CT)	0.00	12	n/a n/a	Weig	ht: 59 lb FT	= 20%F, 11%E
	Couc								Weig		- 20 /01 , 11 /02
LUMBER- TOP CHORD 2x4 S	P No.1(flat)				BRACING- TOP CHOI		Structu	ral wood sheathi	ng directly appl	ed or 6-0-0 oc i	ourlins, except
BOT CHORD 2x4 S	P No.1(flat)						end ver	ticals.	• • • •		annio, oxeept
	P No.3(flat) P No.3(flat)				BOT CHO	κD	Rigid c	eiling directly app	blied or 10-0-0 c	oc bracing.	

(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)

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

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

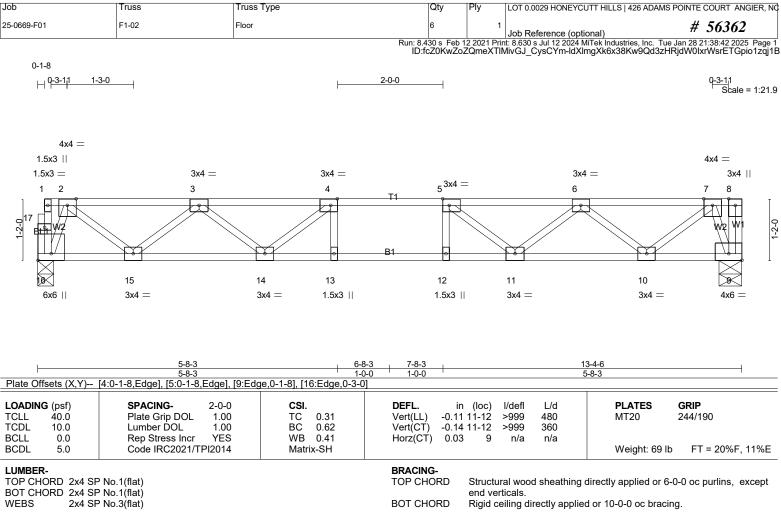
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

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

5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard





REACTIONS. (lb/size) 16=715/0-3-8 (min. 0-1-8), 9=721/0-5-4 (min. 0-1-8)

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

TOP CHORD 2-3=-987/0, 3-4=-1937/0, 4-5=-2244/0, 5-6=-1937/0, 6-7=-987/0

BOT CHORD 15-16=0/326, 14-15=0/1621, 13-14=0/2244, 12-13=0/2244, 11-12=0/2244, 10-11=0/1621, 9-10=0/326

WEBS 4-14=-524/0, 3-14=0/437, 3-15=-825/0, 2-15=0/861, 2-16=-864/0, 5-11=-524/0, 6-11=0/437, 6-10=-825/0, 7-10=0/861, 7-9=-851/0

NOTES- (4)

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

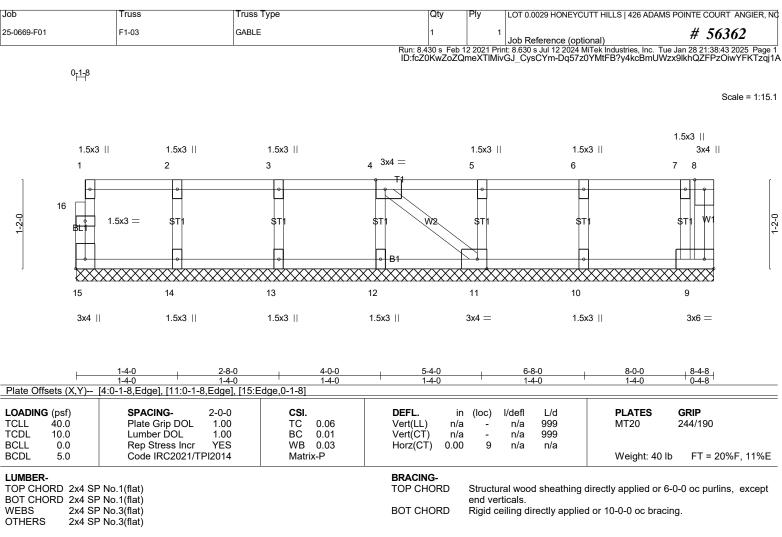
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

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

3) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard





REACTIONS. All bearings 8-4-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 15, 9, 14, 13, 12, 11, 10

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.

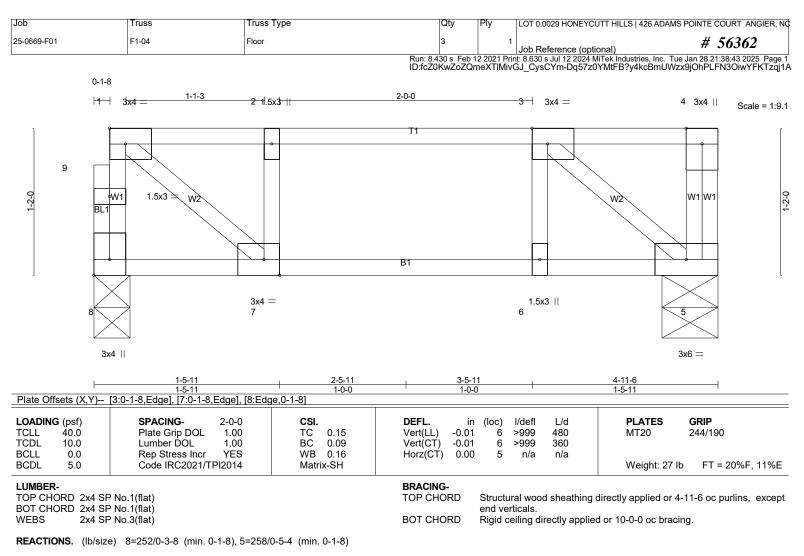
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

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

5) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard





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

TOP CHORD 1-2=-263/0, 2-3=-263/0 BOT CHORD 6-7=0/263, 5-6=0/263

WEBS 1-7=0/326, 3-5=-339/0

NOTES- (4)

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

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

3) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0029 HONEYCUTT HILLS 426 A	DAMS POINTE COURT ANGIER, NO
25-0669-F01	F1-05	GABLE	1	1	Job Reference (optional)	# 56362
0 ₁ 18			Run: 8.430 s Feb ID:fcZ0KwZoZQr	2 2021 Prin neXTIMivG	IS 630 S Jul 12 2024 MITek Industries, In J_CysCYm-Dq57z0YMtFB?y4kcBm	c. Tue Jan 28 21:38:43 2025 Page 1 IUWzx9lmhQeFP?OiwYFKTzqj1A
						Scale = 1:27.2
1.5x3	1.5x3	1.5x3				1.5x3
1.5x3 = 1.5x3 ∣∣		FP= 1.5x3	3x4 = − 1.5x3	1.5x3	1.5x3 1.5x3	1.5x3 3x4
	3 4 5	6 7	8 9	10 T2	11 12	
	ST1 ST1	ST1 ST1	ST1 W2 ST1	ST1	ST1 ST1	
	XXXXXXXXXXXXXXXXXX			XXXX		
30 29 3x4 1.5x3	28 27 1.5x3 1.5x3	26 25 1.5x3 1.5x3	24 23 1.5x3 3x4 =	22 1.5x3	21 20 19	18 17 16 1.5x3 3x4
		1.040 11 1.040 11	1.5,5 11 5,44 -	1.040	1.5x3 1.5x3	1.5x3
1-4-0		-4-0 6-8-0 8-0-0 -4-0 1-4-0 1-4-0 , [30:Edge,0-1-8]			12-0-0 13-4-0 14-8-0 1-4-0 1-4-0 1-4-0	<u>16-0-0</u> <u>16-6-8</u> 1-4-0 0-6-8
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	- -	/defi L/d PLATE: n/a 999 MT20 n/a 999 n/a n/a Weight:	244/190
LUMBER- TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No OTHERS 2x4 SP No	o.1(flat) o.3(flat)		BRACING- TOP CHORD BOT CHORD	end verti	al wood sheathing directly applied cals. ling directly applied or 10-0-0 oc	
(lb) - Max Uplift	ngs 16-6-8. All uplift 100 lb or less at j All reactions 250 lb or less	pint(s) 16 s at joint(s) 30, 16, 29, 28, 27, 3	26, 25, 24, 23, 22, 21, 1	9, 18, 17		

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

NOTES- (7)

1) Gable requires continuous bottom chord bearing.

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

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

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

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

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

6) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Job	Truss	Truss Type		Qty	Ply	LOT 0.0029 H	ONEYCUTT HIL	LS 426 ADAM	IS POINTE C	OURT ANGIER, NC
25-0669-F01	F1-06	Floor Supported Gable		1	1	Job Reference	ce (optional)			56362
			Run I	: 8.430 s Feb 1 D:fcZ0KwZoZ	2 2021 Prin QmeXTIN	it: 8.630 s Jul 12 livGJ_CysCY	2 2024 MiTek Ind m-h0fVBLZ_e	dustries, Inc. Tu YJsaEJpkU?I	ue Jan 28 21: IW8ivM5ms	38:44 2025 Page 1 _sCXwalotwzqj19
										Scale = 1:28.5
	1.5x3 1.5x3									
3x4 1.5x3	3x8 FP=	1.5x3 1.5x3	3x4 = 1.52		x3	1.5x3	1.5x3	1.5x3	1.5x3	3x4
1 2 T1	3 4 5	6 7	8 9	10)	11	12	13	14	15
	ST1 ST1 R R R R R R R R R R R R R R R R R R R	ST1 ST1 G G B1 (XXXXXXXXXXXXXXX	STI1 W2 ST	1 S	р Г1	ST1	ST1		ST1 B2 a XXXXX	
30 29	28 27	26 25	24 23	3 22	2	21	20 19	18	17	16
3x4 1.5x3	1.5x3 1.5x3	1.5x3 1.5x3	1.5x3 3x4	= 1.5	x3	1.5x3	3x8 Ff 1.5x3	P= 1.5x3	1.5x3	3x4

Plate Offsets (X Y)	[1:Edge,0-1-8], [8:0-1-8,Edge], [23:0-	1-8 Edge] [30:Edge 0-1-8	17-5-6 17-5-6				I
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	CSI. TC 0.07 BC 0.01 WB 0.03		a - a -	l/defl L/d n/a 999 n/a 999 n/a n/a	PLATES MT20	GRIP 244/190
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH		20	nia nia	Weight: 76 lt	FT = 20%F, 11%E
			BRACING- TOP CHORD BOT CHORD	end verti	icals.	g directly applied or 1 lied or 10-0-0 oc braci	0-0-0 oc purlins, except ng.

REACTIONS. All bearings 17-5-6.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 30, 16, 29, 28, 27, 26, 25, 24, 23, 22, 21, 20, 18, 17

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

NOTES- (5)

1) Gable requires continuous bottom chord bearing.

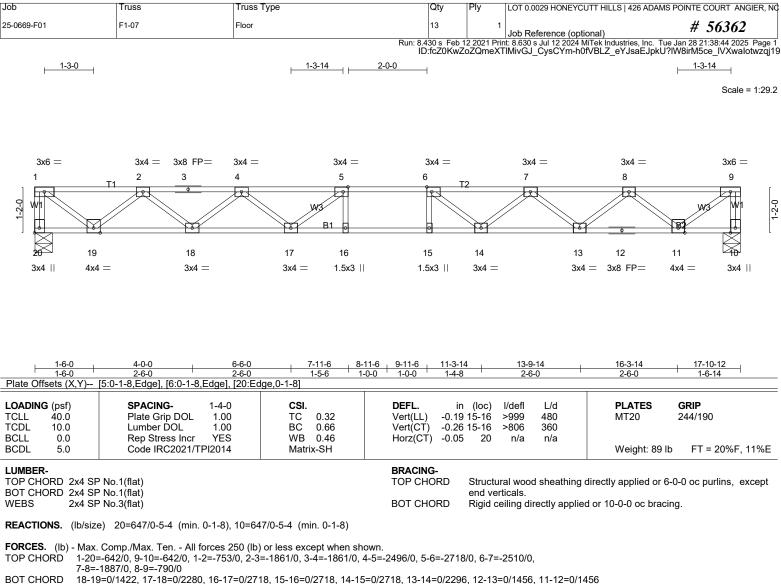
2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

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





 BOT CHORD
 18-19=0/1422, 17-18=0/2280, 16-17=0/2718, 15-16=0/2718, 14-15=0/2718, 13-14=0/2296, 12-13=0/1456, 11-12=0/1456

 WEBS
 1-19=0/945, 2-19=-871/0, 2-18=0/572, 4-18=-544/0, 4-17=0/345, 5-17=-444/0, 6-14=-436/3, 7-14=0/345, 7-13=-533/0, 8-13=0/561, 8-11=-867/0, 9-11=0/973

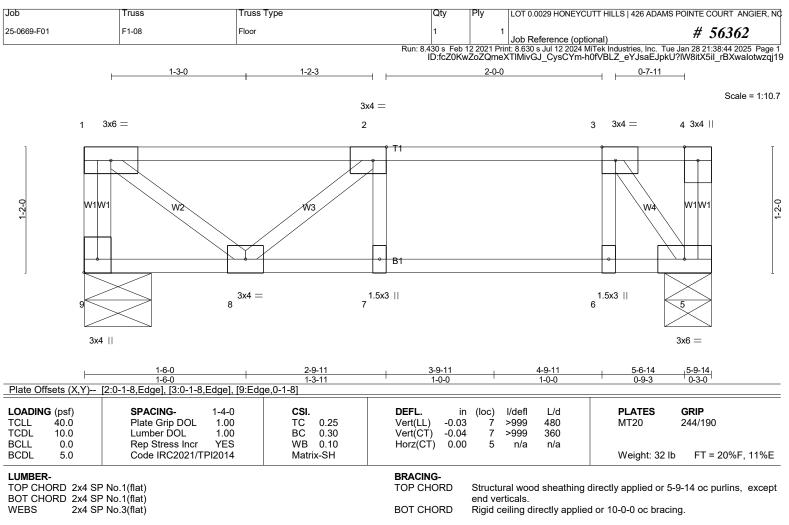
NOTES- (3)

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

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

LOAD CASE(S) Standard





REACTIONS. (lb/size) 9=204/0-7-8 (min. 0-1-8), 5=204/0-5-4 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. WEBS 3-5=-387/0

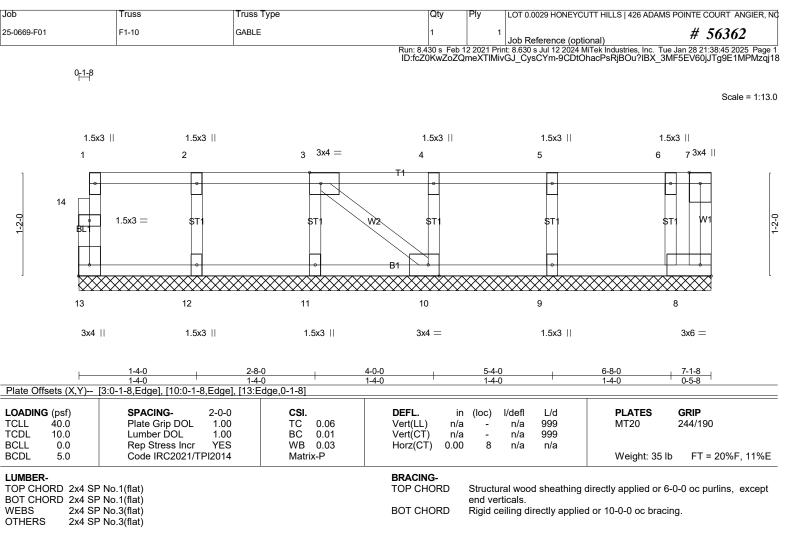
NOTES- (3)

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

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

LOAD CASE(S) Standard





REACTIONS. All bearings 7-1-8.

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

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 0.0029 HONEY	CUTT HILLS 426 ADAMS	POINTE COURT ANGIER, NC
25-0669-F01	F1-11	GABLE		1	1	Job Reference (op	tional)	# 56362
				Run: 8.430 s Feb ID:fcZ0KwZoZQr	12 2021 Pri neXTIMiv(nt: 8.630 s Jul 12 2024 SJ_CysCYm-ePnGb	MiTek Industries, Inc. Tue 1aEAAZapXTBsv2DbZ	Jan 28 21:38:46 2025 Page 1 InG_vSLSmkqOunvxozq117 0 _∏ 1-8 Scale = 1:28.1
3x4 1.5x3 $1 2$ $T1$ $T1$ $T1$ $T1$ $T1$	1.5x3 3x8 FP= 1.5x3 3 4 5 ST1 ST1 ST1 ST1 ST1 ST1	1.5x3 3x4 = 6 7 ST1 ST1 ST1 B B1	1.5x3 8 V2 ST1	1.5x3 9 T2 ST1 8	I.5x3 10 ST1 F	1.5x3 1.5 11 12 ST1 S	• • T1 ST1	$1.5x3 \\ 1.5x3 1.5x3 = \\ 14 15 14 15 15 14 15 14 15 14 15 15$
30 29 3x4 1.5x3 ⊢ 1-4-0 – 2- 1-4-0 – 1-	28 27 1.5x3 1.5x3 <u>8-0 4-0-0 5-4</u> <u>4-0 1-4-0 1-4</u> Edge,0-1-8], [7:0-1-8, Edge]	26 25 1.5x3 1.5x3 0 6-8-0 8 0 1-4-0 1	$ \begin{array}{c} 24 \\ 3x4 = \\ 0.00 \\ 4.0 \\ 1.4 \end{array} $	-0 10-8-0	22 I.5x3 <u> 12-0</u> 1-4	21 21 1.5x3 1.5		17 16 1.5x3 3x4 0 _ 17-1-2 _
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-C Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.00 BC 0.0 WB 0.03	5 1 3	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	- -	l/defl L/d n/a 999 n/a 999 n/a n/a	PLATES MT20 Weight: 74 lb	GRIP 244/190 • FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No OTHERS 2x4 SP No DEACTIONS All based	o.1(flat) o.3(flat)			BRACING- TOP CHORD BOT CHORD	end ver	ticals.) directly applied or 6- ed or 10-0-0 oc bracii	-0-0 oc purlins, except ng.

REACTIONS. All bearings 17-1-2.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 30, 16, 29, 28, 27, 26, 25, 24, 23, 22, 21, 20, 18, 17

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 0.0029 HONEYCUTT HILLS 4	26 ADAMS POINTE COURT ANGIER, NO
25-0669-F01	F1-12	Floor	7	1 Job Reference (optional)	# 56362
			Run: 8.430 s Feb 12 2021 I	Print: 8.630 s Jul 12 2024 MiTek Industrie	es, Inc. Tue Jan 28 21:38:46 2025 Page 1 TBsv2DbZnB9vG5ShYqOunvxozqj17
0-7-14 1-3	-0 ,		2-0-0		<u>1-6-0</u> 0-1-8
	1				
					Scale = 1:28.8
	3x4 =	1.5x3			1.5x3
3x4 3x4 ≕	3x8 FP	= 3x4 =	3x4 = 3x4 =	3x4 =	3x4 = 1.5x3 =
1 2	T1 3 4	5 6	7 8 T2	9	10 11
			A R		
₹. ₩ w2	$\langle // \rangle$			$\langle // \rangle \langle / \rangle$	
		B1	<u> </u>		B2
×	20	19 18	17 16	15 14 13	
3x6 =	20 3x4 =	19 18 3x8 = 3x4 =	17 16 1.5x3 1.5x3	15 14 13 3x4 = 3x8 FP= 3x4 =	
5X0 —	3x4 —	3x0 - 3x4 -	1.5x5 1.5x5	5x4 — 5x6 FF — 5x4 —	0x0
	8-7-	14	9-7-14 10-7-14	17-6-6	
	8-7-	14	1-0-0 1-0-0	6-10-8	
Plate Offsets (X,Y)	[1:Edge,0-1-8], [7:0-1-8,E	lgej, [8:0-1-8,Edge]			
LOADING (psf)		1-4-0 CSI .	DEFL. in (loc)		ATES GRIP
TCLL 40.0 TCDL 10.0	Plate Grip DOL Lumber DOL	1.00 TC 0.37 1.00 BC 0.79	Vert(LL) -0.20 17-18 Vert(CT) -0.28 17-18	>999 480 MT2 >745 360	20 244/190
BCLL 0.0	Rep Stress Incr	YES WB 0.36	Horz(CT) 0.04 12	n/a n/a	
BCDL 5.0	Code IRC2021/TPI	2014 Matrix-SH		Wei	ght: 89 lb FT = 20%F, 11%E
LUMBER-			BRACING-		
TOP CHORD 2x4 SF BOT CHORD 2x4 SF				tural wood sheathing directly app erticals.	blied or 6-0-0 oc purlins, except
	No.3(flat)			ceiling directly applied or 10-0-0	oc bracing.
REACTIONS. (Ib/size	e) 21=634/0-5-4 (min 0-	1-8), 12=629/0-3-8 (min. 0-1-8)			
· ·	,				
FORCES. (lb) - Max.	Comp./Max. Ten All for	ces 250 (lb) or less except when	shown.		

TOP CHORD 2-3=-1067/0, 3-4=-2040/0, 4-5=-2040/0, 5-6=-2040/0, 6-7=-2516/0, 7-8=-2578/0, 8-9=-2226/0, 9-10=-1436/0

BOT CHORD 20-21=0/478, 19-20=0/1635, 18-19=0/2392, 17-18=0/2578, 16-17=0/2578, 15-16=0/2578, 14-15=0/1926, 13-14=0/1926, 12-13=0/916

WEBS

7-18=-306/127, 6-18=0/266, 6-19=-450/0, 3-19=0/517, 3-20=-739/0, 2-20=0/766, 8-15=-558/0, 9-15=0/421. 9-13=-639/0, 10-13=0/677, 10-12=-1085/0, 2-21=-797/0

NOTES- (4)

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

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

3) CAUTION, Do not erect truss backwards.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0029 HONEYCU	JTT HILLS 426 ADAMS F	POINTE COURT ANGIER, NO
25-0669-F01	F1-13	Floor	5	1	Job Reference (optio	anal)	# 56362
			Run: 8.430 s F	eb 12 2021 Prin ZOmeXTIMiv	nt: 8.630 s Jul 12 2024 M GJ_CvsCYm-6bKepN	iTek Industries, Inc. Tue bsxThRRh200cZS8n	Jan 28 21:38:47 2025 Page 1 KMtJbIB8pzcYWSTEzqj16
0-7-14 1-3-0			2-0-0			+	<u>1-5-2</u>
1 1	1		I	I		1	0
							Scale = 1:28.5
	3x4 = 1.5x		0.4	0.4 -	0.4		4
$3x4 \parallel 3x4 = 1 2$	3x8 FP= 3 4 5	3x4 = 6	3x4 = 7	3x4 = 8	3x4 = 9	- 384	4 = 3x4 11
. 1			- - - - - - - - - - - - - - - - - - -	72 ∳√			
			7				+++++++++++++++++++++++++++++++++++++
		B1 D1				- B2	
			<u>U</u>	Ŭ			
	20 19	18	17	16	15 14	13	42
3x6 =	3x4 = 3x8	3x4 =	1.5x3	1.5x3	3x4 = 3x8 F	P= 3x4 =	3x6 =
L	8-7-14		9-7-14 10-7-			17-5-8	
Plate Offsets (X,Y) [1:E	8-7-14 [dge,0-1-8], [7:0-1-8,Edge]	[8:0-1-8,Edge]	<u> </u>	0 '		6-9-10	
LOADING (psf)	SPACING- 1-4-0		DEFL.	in (loc)	l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.37	Vert(LL) -0	.20 17-18	>999 480	MT20	244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.00 Rep Stress Incr YES			.28 17-18 .04 12	>748 360 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014		1012(01) 0	.04 12	11/a 11/a	Weight: 89 lb	FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No			TOP CHORD	Structur end verf		directly applied or 6-0)-0 oc purlins, except
WEBS 2x4 SP No			BOT CHORD			d or 10-0-0 oc bracin	g.
REACTIONS. (Ib/size)	21=631/0-5-4 (min 0-1-8)	, 12=631/0-5-4 (min. 0-1-8)					
× ,	, , , , , , , , , , , , , , , , , , ,	72-001/00 + (11111:0+0)					

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

TOP CHORD 2-3=-1062/0, 3-4=-2028/0, 4-5=-2028/0, 5-6=-2028/0, 6-7=-2498/0, 7-8=-2553/0, 8-9=-2196/0, 9-10=-1399/0

BOT CHORD 20-21=0/476, 19-20=0/1626, 18-19=0/2377, 17-18=0/2553, 16-17=0/2553, 15-16=0/2553, 14-15=0/1892, 13-14=0/1892, 12-13=0/876

WEBS

5 7-18=-299/131, 6-18=0/262, 6-19=-446/0, 3-19=0/513, 3-20=-735/0, 2-20=0/762, 8-15=-562/0, 9-15=0/424, 9-13=-642/0, 10-13=0/680, 10-12=-1055/0, 2-21=-794/0

NOTES- (3)

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

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	/ Ply I	OT 0.0029 HONEYCU	JTT HILLS 426 ADAN	IS POINTE COURT ANGIER, NO
25-0669-F01	F1-13A	Floor	2	1	Job Reference (optic	onal)	# 56362
			Run: 8.430 s ID:fcZ0KwZc	Feb 12 2021 Print:	8.630 s Jul 12 2024 M	liTek Industries, Inc. T	ue Jan 28 21:38:47 2025 Page 1 nKGAJchB17zcYWSTEzqj16
<u>ρ-5-2 1-3</u>	-0	1-4-4	4 2-0-0	1-5-2			
							Scale = 1:28.5
6x6 =	4x8 = 3x8 FP=	3x4 = 3x4 =	1.5x3	1.5x3	$4x4 \equiv$	3x4 =	4x6 =
1	- T ₁ ² <u>3</u>	4 5	6	7 7	8	9	10
0 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0				W5			1-2-0
		B1				`	
24 20	19 18	17	16	15	14	13	12
3x4	3x4 3x4 =	3x4 =	3x4 =	3x4 =		= 3x8 FP=	$4x6 = 3x4 \parallel$
6x6 =							
2-0-10		8-7-14	9-7-14 10-			17-5-8	
Plate Offsets (X,Y)-	- [1:Edge,0-1-8], [15:0-1-8,E	6-7-4 dge], [16:0-1-8,Edge], [21:Edge,0		0-0 '		6-9-10	I
LOADING (psf)		-4-0 CSI .	DEFL.		defl L/d	PLATES	GRIP
TCLL 40.0 TCDL 10.0	Lumber DOL	1.00 TC 0.74 1.00 BC 0.77	Vert(CT)		999 480 501 360	MT20	244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr Code IRC2021/TPI2	NO WB 0.79 2014 Matrix-SH	Horz(CT)	0.06 11	n/a n/a	Weight: 90	lb FT = 20%F, 11%E
LUMBER-	I		BRACING-				
TOP CHORD 2x4 S T1: 2	SP SS(flat) *Except* x4 SP No.1(flat)		TOP CHOR	D Structural end vertic		directly applied or	6-0-0 oc purlins, except
BOT CHORD 2x4 S B2: 2	SP SS(flat) *Except* 2x4 SP No.1(flat)		BOT CHOR	D Rigid ceili	ing directly applied	d or 10-0-0 oc brad	cing.
	SP No.3(flat)						
REACTIONS. (Ib/s	ize) 21=1519/0-5-4 (min.0	-1-8), 11=743/0-5-4 (min. 0-1-8)					
		ces 250 (lb) or less except when s 2=-778/0, 2-3=-3070/0, 3-4=-3070					
5-6	=-3364/0, 6-7=-3364/0, 7-8=	-3364/0, 8-9=-2183/0, 9-10=-890/0 7-18=0/3412, 16-17=0/3610, 15-1	D i	/2737			
13-	14=0/1664, 12-13=0/1664	0=0/1662, 2-18=0/476, 4-18=-445		,2101,			
		-14=0/676, 8-14=-721/0, 8-15=0/9					
NOTES- (5)	live leads have been service	leved for this design					
2) Load case(s) 1, 2	live loads have been consid 2, 3, 4, 5, 6 has/have been m	odified. Building designer must re	view loads to verify	that they are co	prrect for the intend	ded	
		ed at 10-0-0 oc and fastened to e	each truss with 3-10	d (0.131" X 3") ı	nails. Strongback	s to	
	alls at their outer ends or res ot erect truss backwards.	trained by other means.					
LOAD CASE(S) Sta							
1) Dead + Floor Live Uniform Loads (p	(,	se=1.00, Plate Increase=1.00					
Vert: 11-2 Concentrated Loa	21=-7, 1-10=-67 ads (lb)					WHIMMAN TH C	ARO
Vert: 2=-		=1.00				281	SIDANS
Uniform Loads (p						ALL OF	LE
Concentrated Loa Vert: 2=-	ads (lb)					281	47
	Floor Live (unbalanced): Lu	umber Increase=1.00, Plate Increa	se=1.00				
	21=-7, 1-7=-67, 7-10=-13					A ARY ON	EE AS INT
Orantina						Manna K.	AL 47 MORRESUMMENT
Continued on page 2		too hafana naa. Thia daaigu ia haaad an			adividual huildina aa	1/28	8/2025

Job	Truss	Truss Type	Qty	Ply	LOT 0.0029 HONEYCUTT HILLS 426 ADAM	IS POINTE COURT ANGIER, NO
25-0669-F01	F1-13A	Floor	2	1	Job Reference (optional)	# 56362
		Pup	8 130 c Eob	12 2021 Dri	nt: 8 630 c Jul 12 2024 MiTok Industrios Inc. T	up Jan 28 21-38-47 2025 Page 2

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Tue Jan 28 21:38:47 2025 Page 2 ID:fcZ0KwZoZQmeXTIMivGJ_CysCYm-6bKepNbsxThRRh2OQcZS8nKGAJchB17zcYWSTEzqj16

LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 2=-1000
4) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-21=-7, 1-6=-13, 6-10=-67 Concentrated Loads (lb) Vert: 2=-1000
5) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 11-21=-7, 1-7=-67, 7-10=-13 Concentrated Loads (lb) Vert: 2=-1000
6) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 11-21=-7, 1-6=-13, 6-10=-67

Concentrated Loads (lb) Vert: 2=-1000

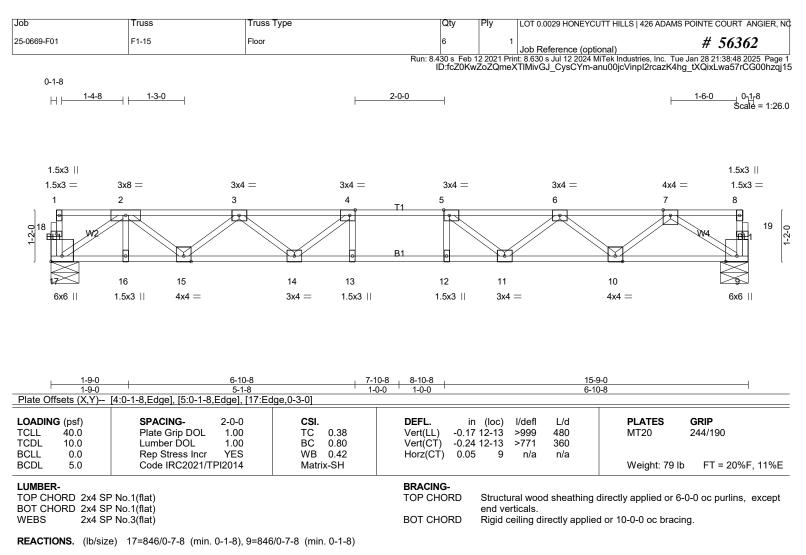


Job	Truss	Truss Type	Qty	Ply LO	T 0.0029 HONEYCU	TT HILLS 426 ADAMS F	POINTE COURT ANGIER, NC
25-0669-F01	F1-14	Floor	3	1	h Poforonco (ontic	(nal)	# 56362
			Run: 8.430 s Fet ID:fcZ0KwZoZ0	0 12 2021 Print: 8.	<u>b Reference (optic</u> 630 s Jul 12 2024 M CvsCYm-6bKepNt	Tek Industries, Inc. Tue	ا Jan 28 21:38:47 2025 Page 1 KJeJacB4?zcYWSTEzqj16
0-1-8			12.10201012020		o jo o i i i o zi i opi u		
 1-3-0 1	-2-3 2-0-0	1-1-9	1-4-4	2-0-0			<u>1-6-0 0-1</u> -8 Scale = 1:38.1
3x4 =							1.5x3
1.5x3 =	3x4 = 3x4 =	4x8 = 3x8 FP = 3x4 =		.5x3	3x4 =		3x4 = 1.5x3 =
1] [e]	2 T1 3		7	8 <u>г</u>	2	10	11 12 I2⊾ 10 ⊺
0,27 6,27 8 7	W3	Wa	145		B2 D1		W6 B2 1 28 0-7-
		<u>\$7</u> 22 21 20 19		- ৯			
				17	16 15	14	
3x4 3x4 =	= 1.5x3 1.5x3 3	x4 = 3x4 4x6 = 3x8 FP=	- 3X4 — 3	x4 =	1.5x3 3x4 =	3x4 =	6x6
2-9-11	4-11-3 <u>3-9-11 4-9-11 6-1-7</u>	7-3-127-5-4 14	-0-8	15-0-8 16-0-	8	22-11-0	
Plate Offsets (X X)	1-0-0 1-0-0 1-2-4 0-1-8 12:0-1-8 Edge] 13:0-1-8 Edge	' 1-2-4 0-1-8 6-], [9:0-1-8,Edge], [17:0-1-8,Edge	7-4	1-0-0 1-0-0) ·	6-10-8	
LOADING (psf)	SPACING- 2-0				fl L/d	PLATES	GRIP
TCLL ÄO.Ó	Plate Grip DOL 1.0	00 TC 0.51	Vert(LL) -0.1	in (loc) l/de 7 15-16 >99	9 480	MT20	244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.0 Rep Stress Incr YE	S WB 0.61	Vert(CT) -0.2 Horz(CT) 0.0	3 15-16 >78 4 13 n/			
BCDL 5.0	Code IRC2021/TPI201	4 Matrix-SH				Weight: 113 II	5 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF			BRACING- TOP CHORD			lirectly applied or 6-0	0-0 oc purlins, except
BOT CHORD 2x4 SF WEBS 2x4 SF	P No.1(flat) P No.3(flat)		BOT CHORD	end vertical Rigid ceiling		l or 6-0-0 oc bracing	
REACTIONS. (Ib/siz	e) 26=266/0-3-8 (min. 0-1-8	s), 21=1438/0-5-4 (min. 0-1-8), 1	3=776/0-3-8 (min. 0-	1-8)		-	
Max L	lplift26=-14(LC 4) Grav 26=353(LC 3), 21=1438(I		, ,	,			
		250 (lb) or less except when she	owp				
TOP CHORD 26-2	7=-352/6, 1-27=-352/6, 1-2=-3	321/59, 2-3=-543/246, 3-4=-108/6 09/0, 8-9=-2709/0, 9-10=-2537/0,	602, 4-5=-317/0,				
BOT CHORD 24-2	5=-246/543, 23-24=-246/543,	22-23=-246/543, 21-22=-1013/0	, 20-21=-1009/0,	12			
13-14	4=0/1125	18=0/2306, 16-17=0/2709, 15-16		J3,			
4-20:	=0/1275, 6-20=-1184/0, 6-18=	-75/383, 2-25=-289/243, 3-22=-7 :0/755, 7-18=-752/0, 7-17=0/705					
	5=0/359, 10-14=-746/0, 11-14	=0/787, 11-13=-1333/0					
NOTES- (5) 1) Unbalanced floor li	ve loads have been consider	ed for this design.					
2) Provide mechanica	al connection (by others) of tru	uss to bearing plate capable of w at 10-0-0 oc and fastened to ea			ils Strongbacks	sto	
be attached to wall	s at their outer ends or restra erect truss backwards.						
, .							
LOAD CASE(S) Stan	ualu					PROFESS	10.
						WHENTH CA	ROI
						THE ROFESS	Pris 9 11
						SEAL	
						the new blue	



Job 25-0669-F01	Truss F1-14A	Truss Type Floor	Qty Ply	LOT 0.0029 HONEYCU	TT HILLS 426 ADAMS F	POINTE COURT ANGIER, NC
23-0003-101				Job Reference (optio	nal) Tek Industries, Inc. Tue . (Olic)/ippl2rcazK4ba	# 56362 Jan 28 21:38:48 2025 Page 1 tV2iwXwZM7rCG00hzqj15
0-1-8 H⊨ 1-3-0 + 1	-2-3 <u>2-0-0</u>	⊢ <u>1-2-11</u> ⊢ <u>1-3-2</u>		-0-0	uujovinpizicazk4ng_	1-5-2 Scale = 1:37.7
3x4 = 1.5x3 = 1 277 = 26 25 $3x4 \parallel$ $3x4 =$		3x6 = 4x4 = 3x8 FF 4 5 6 4 5 7 4 7	7 8 • • • • • • • • • • • • • • • • • • •	3x4 = 9 12 16 15 1.5x3 3x4 =	3x4 = 10 14 14 3x4 =	3x4 = 3x4 11 12 77 11 12 77 13 3x6 =
2-9-11 2-9-11 Plate Offsets (X,Y)	4-11-3 <u>3-9-11 4-9-11 6-2-0</u> 1-0-0 1-2-13 0-1-8 [2:0-1-8,Edge], [3:0-1-8,Edge		6-4-10 1-0-0	8 + 16-0-8 + 1-0-0	<u>22-10-2</u> 6-9-10	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0 Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr YE Code IRC2021/TPI201	0 TC 0.47 0 BC 0.86 S WB 0.47	DEFL. in (loc) Vert(LL) -0.17 15-16 Vert(CT) -0.23 15-16 Horz(CT) 0.04 13	l/defl L/d >999 480 >809 360 n/a n/a	PLATES MT20 Weight: 114 lt	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			end ve	ural wood sheathing d erticals. ceiling directly applied)-0 oc purlins, except
Max U	e) 26=268/0-5-8 (min. 0-1-8 plift26=-14(LC 4) rav 26=355(LC 3), 21=1441(l), 21=1441/0-5-4 (min. 0-1-8), 1 .C 1), 13=784(LC 7)	3=770/0-5-8 (min. 0-1-8)			
TOP CHORD 26-27 5-6=- BOT CHORD 24-25 19-20 13-14 WEBS 4-21= 7-18=	*=-355/6, 1-27=-354/6, 1-2=-3 1096/0, 6-7=-1096/0, 7-8=-2 5=-242/553, 23-24=-242/553, 9=0/1795, 18-19=0/1795, 17- 1=0/1066 =-573/0, 1-25=-75/387, 2-25=	250 (lb) or less except when sh 25/59, 2-3=-553/242, 3-4=-123/ 96/0, 8-9=-2637/0, 9-10=-2465/ 22-23=-242/553, 21-22=-1063/0 8=0/2637, 16-17=0/2637, 15-16 -298/239, 3-22=-803/0, 4-22=0/6 991, 5-21=-1395/0, 9-15=-383/57 =-1284/0	608, 4-5=0/1063,), 10-11=-1666/0 , 20-21=-21/369, i=0/2637, 14-15=0/2234, 52, 8-18=-691/0,			
NOTES- (5) 1) Unbalanced floor lir 2) Provide mechanica 3) Recommend 2x6 s be attached to wall	ve loads have been consider I connection (by others) of tru	ed for this design. ss to bearing plate capable of w at 10-0-0 oc and fastened to ea			to	
LOAD CASE(S) Stand						
					SEAL 28147	AOLANA AND AND AND AND AND AND AND AND AND AND

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



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

TOP CHORD 2-3=-1881/0, 3-4=-2834/0, 4-5=-3140/0, 5-6=-2832/0, 6-7=-1886/0

BOT CHORD 2-3--1681/0, 5-4-2634/0, 4-3--3140/0, 5-6-2632/0, 6-7--1680/0 BOT CHORD 16-17=0/1183, 15-16=0/1183, 14-15=0/2519, 13-14=0/3140, 12-13=0/3140, 11-12=0/3140, 10-11=0/2519, 9-10=0/1217 WEBS 4-14=-590/0, 3-14=0/478, 3-15=-831/0, 2-15=0/891, 5-11=-591/0, 6-11=0/477, 6-10=-824/0, 7-10=0/871, 7-9=-1441/0, 2-17=-1418/0

NOTES- (3)

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

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	(Qty	Ply	LOT 0.0029 HONEYCU	TT HILLS 426 ADAMS	POINTE	COURT ANGIER, N
25-0669-F01	F1-16	Floor Supported Gable		1	1	Job Reference (optic	(lea	#	56362
0 ₁ 18	1	1	Run: 8.43 ID:	0 s Feb 1 fcZ0Kw2	¹ 2 2021 Prii ZoZQmeX	nt: 8.630 s Jul 12 2024 M TIMivGJ_CysCYm-an	Tek Industries, Inc. Tue u00jcVinpl2rcazK4hç	Jan 28 2 tcWi7c	1:38:48 2025 Page wgE7rCG00hzqj1 0- <u>1-</u> 8 Scale = 1:26.
$ \begin{array}{c} 1.5x3 \\ 1.5x3 = 1.5x3 \\ 1 2 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	1.5x3 1.5x3 3 4 ST1 ST1 ST1 ST1 ST1 ST1	5 6 ST1 ST1 W2	1.5x3 7 1 5 1 5 1 5 1 5 1 5 3	1.5x3 8 ST1 XXXX		1.5x3 1.5x3 9 10 0 0 ST1 ST1 0 0 XXXXXXXXXX	11 ST1	1.5x3 12 ST1 ST1	
26 25	24 23	22 21	20	مممر 19	0000	18 17	16	15	14
3x4 1.5x3 <u>1.4-0</u> <u>1.4-0</u> <u>Plate Offsets (X,Y) [6:0</u>	1.5x3 1.5x3 <u>2-8-0 + 4-0-0 + 1-4-0 + 1-4-0 - 1-4-0 + 1-4-0 - 1-4-0 + 1-2</u>	5-4-0 6-8-0 8-0-0 1-4-0 1-4-0 1-4-0	3x4 = + <u>9-4-0</u> 1-4-0		10-8-0 1-4-0	.5x3 1.5x3 _+ <u>12-0-0</u> + 	1.5x3 134-0 14-8-0 1-4-0 1-4-0		3x4 <u>5-9-0</u> -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	TC 0.06 BC 0.01 WB 0.03	DEFL. Vert(LL) Vert(CT) Horz(CT)	in n/a n/a 0.00	(loc) - - 14	l/defl L/d n/a 999 n/a 999 n/a n/a	PLATES MT20 Weight: 69 lb	GRIP 244/1	90 = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No OTHERS 2x4 SP No REACTIONS. All bearin	o.1(flat) o.3(flat)		BRACING TOP CHO BOT CHO	ORD	end ver	al wood sheathing d ticals. illing directly applied	lirectly applied or 6-	-0-0 oc	

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

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

NOTES- (5)

1) Gable requires continuous bottom chord bearing.

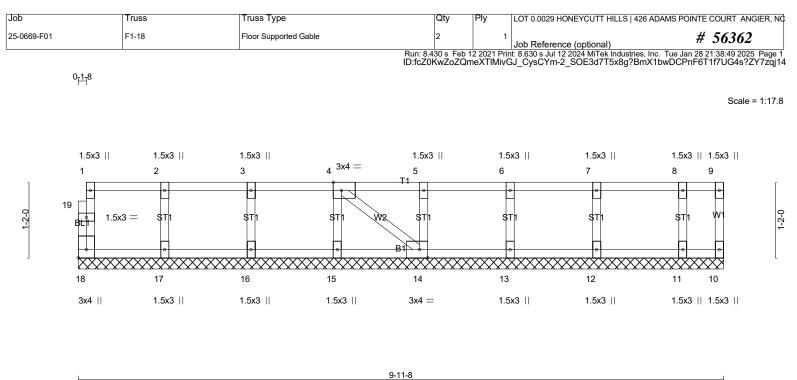
2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

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





			9-11-8			
Plate Offsets (X,Y)	[4:0-1-8,Edge], [14:0-1-8,Edge], [18:1	Edge,0-1-8]				
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	a - n/a 999	PLATES GRIP MT20 244/190 Weight: 45 lb 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	TOP CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.		

REACTIONS. All bearings 9-11-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 18, 10, 17, 16, 15, 14, 13, 12, 11

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.

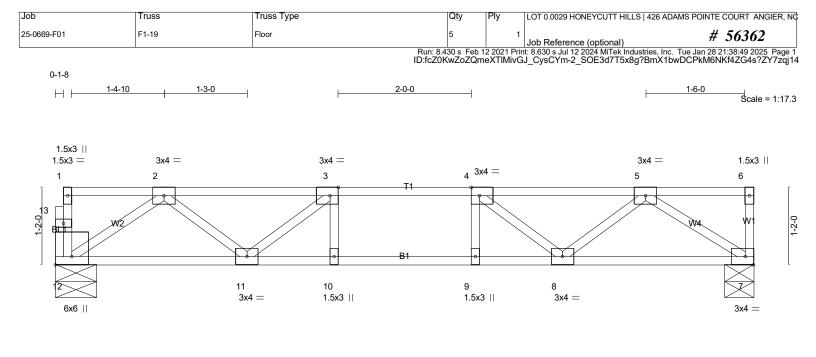
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to

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

5) CAUTION, Do not erect truss backwards.

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	<u>4-3-2</u> 4-3-2	5-3-2	6-3-2		10-6-2 4-3-0	
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Edge], [12:E	lge,0-3-0]				
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.24 BC 0.44 WB 0.22 Matrix-SH	DEFL. in Vert(LL) -0.06 Vert(CT) -0.08 Horz(CT) 0.02	8-9 >999 480 9 >999 360	PLATES GRIP MT20 244/190 Weight: 52 lb FT = 20%F, 11%E	
LUMBER-TOP CHORD2x4 SP No.1(flat)BOT CHORD2x4 SP No.1(flat)WEBS2x4 SP No.3(flat)			BRACING- TOP CHORD BOT CHORD	P CHORD Structural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.		

REACTIONS. (lb/size) 12=562/0-7-8 (min. 0-1-8), 7=568/0-5-4 (min. 0-1-8)

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

TOP CHORD 2-3=-1068/0, 3-4=-1386/0, 4-5=-1082/0

BOT CHORD 11-12=0/737, 10-11=0/1386, 9-10=0/1386, 8-9=0/1386, 7-8=0/759

WEBS 3-11=-451/0, 2-11=0/432, 2-12=-892/0, 4-8=-439/0, 5-8=0/420, 5-7=-912/0

NOTES- (4)

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

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

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

3) CAUTION, Do not erect truss backwards.

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