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 #: 46874 JOB: 24-2342-F01 JOB NAME: LOT 0.0023 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. *12 Truss Design(s)*

Trusses: F1-01, F1-02, F1-03, F1-04, F1-05, F1-06, F1-07, F1-08, F1-09, F1-10, F1-11, F1-12



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



REACTIONS. All bearings 3-5-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 8, 5, 7, 6

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





REACTIONS. (lb/size) 8=197/0-7-8 (min. 0-1-8), 5=203/0-3-8 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. WEBS 3-5=-252/0

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 3-5-8.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 8, 5, 7, 6

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	Tr	uss		Truss Type			Qty	Ply	LOT 0.0023 HO	NEYCUTT HILLS	6 377 ADAMS F	OINTE CO	JURT ANGIE	R, NC
24-2342-F01	F1	-04		Floor Supported G	able		1	1	Job Reference	(optional)		#4	6874	
				·		R	un: 8.430 s Fe ID:RLVooy	b 12 2021 Print: CsasqGlrWbJ	8.430 s Feb 12 2 W7kNnzGeEq-	021 MiTek Indus klgrV5SM9xxF	stries, Inc. Sun M RcIxDe5At5ICx	/lar 24 12:1 (zgWyJC)	15:18 2024 Pa eU5owPwG:	age 1 zXkjd
													Scale = 1	:28.0
1 5-22 11	1 5/2 11	1.5x3 2v8	1.5x3	1 5-2 11	1.522 11	1 5/2 11	244 —	1 522 11	1 5-2 11	1 522 11	1 522 11	1.5x3	1.522.11	
1.573	2	3 4	5	6	7	8	9 9	10	11	12	13	14	15	
1-2-0 1-2-0 1-2-0	ST1	ST1	ST1	ST1	ST1 B1 XXXXX	ST1 W	2 ST1	T2 ST1	ST1	ST1	ST1 B2 XXXXXX	ST1	W1 XXX	1-2-0
30	29	28	27	26	25	24	23	22	21	20 19	18	17	16	
1.5x3	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	1.5x3	1.5x3	1.5x3	3x8 F	P=		1.5x3	

				19	10 0						
				16	-10-0						ļ
Plate Of	fsets (X,Y)	[9:0-1-8,Edge], [24:0-1-8,E	Edge]								
LOADIN TCLL TCDL BCLL BCDL	G (psf) 40.0 10.0 0.0 5.0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr Code IRC2021/TPI	2-0-0 CS 1.00 TC 1.00 BC YES WE 2014 Ma	l. 0.06 0.01 3 0.03 trix-SH	DEFL. Vert(LL) Vert(CT) Horz(CT)	in n/a n/a -0.00	(loc) - - 22	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 71 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBEF TOP CH BOT CH WEBS OTHERS	R- ORD 2x4 SP ORD 2x4 SP 2x4 SP S 2x4 SP	2 No.1(flat) No.1(flat) No.3(flat) 2 No.3(flat)			BRACING- TOP CHO BOT CHO	RD RD	Structu end ve Rigid c	ıral wood rticals. eiling dii	d sheathing d rectly applied	irectly applied or 10 or 10-0-0 oc bracin	-0-0 oc purlins, except g.

16-10-0

REACTIONS. All bearings 16-10-0.

(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



1.5x3 ||

1.5x3 ||

1.5x3 ||



L	<u>8-0-5</u> 8-0-5	9-0- 1-0-	5 10-0-5 0 1-0-0	<u>18-2-</u> 8-2-1	6 1	
Plate Offsets (X,Y)	[1:Edge,0-1-8], [6:0-1-8,Edge], [7:0-1-	8,Edge], [22:Edge,0-1-8]				
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.41 BC 0.82 WB 0.59 Matrix-SH	DEFL. in Vert(LL) -0.25 Vert(CT) -0.34 Horz(CT) 0.06	(loc) l/defi L/d 17-18 >878 480 17-18 >637 360 12 n/a n/a	PLATES GRIP MT20 244/190 Weight: 93 lb FT = 20%F, 11%	ε
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF	9 No.1(flat) 9 No.1(flat) 9 No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d end verticals. Rigid ceiling directly applied	irectly applied or 6-0-0 oc purlins, excep or 10-0-0 oc bracing.	ot

REACTIONS. (lb/size) 22=790/0-3-8 (min. 0-1-8), 12=790/0-5-4 (min. 0-1-8)

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

TOP CHORD 1-22=-784/0, 11-12=-783/0, 1-2=-936/0, 2-3=-2329/0, 3-4=-2329/0, 4-5=-2329/0, 5-6=-3109/0, 6-7=-3375/0,

7-8=-3138/0, 8-9=-2388/0, 9-10=-2388/0, 10-11=-1025/0

20-21=0/1752, 19-20=0/2842, 18-19=0/3375, 17-18=0/3375, 16-17=0/3375, 15-16=0/2889, 14-15=0/1834, 13-14=0/1834 BOT CHORD 6-19=-544/0, 5-19=0/431, 5-20=-655/0, 2-20=0/737, 2-21=-1062/0, 1-21=0/1167, 7-16=-519/22, 8-16=0/415, WEBS 8-15=-640/0, 10-15=0/706, 10-13=-1053/0, 11-13=0/1236

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



3/22/2024



1	8-2-1		9-2-1 10-2-1	16-6-9		18-4-2
ſ	8-2-1	<u> </u>	1-0-0 ' 1-0-0 '	6-4-8		1-9-9
Plate Offsets (X,Y)	[1:Edge,0-1-8], [6:0-1-8,Edge], [7:0-1	-8,Edge], [10:0-1-8,Edge	e], [13:0-1-8,Edge], [22	2:Edge,0-1-8]		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.41 BC 0.82 WB 0.58 Matrix-SH	DEFL. i Vert(LL) -0.2 Vert(CT) -0.3 Horz(CT) 0.0	n (loc) l/defl L/d 5 17-18 >859 480 5 17-18 >623 360 6 12 n/a n/a	PLATES MT20 Weight: 93 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF	^o No.1(flat) ^o No.1(flat) ^o No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing o end verticals. Rigid ceiling directly applied	directly applied or 6-	0-0 oc purlins, except

.....

.....

REACTIONS. (lb/size) 22=791/0-3-8 (min. 0-1-8), 12=796/0-5-4 (min. 0-1-8)

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

. . .

TOP CHORD 22-23=-786/0, 1-23=-785/0, 1-2=-1036/0, 2-3=-2414/0, 3-4=-2414/0, 4-5=-2414/0, 5-6=-3179/0, 6-7=-3429/0,

- 7-8=-3182/0, 8-9=-2422/0, 9-10=-1131/0 BOT CHORD 20-21=0/1849, 19-20=0/2921, 18-19=0/3429, 17-18=0/3429, 16-17=0/3429, 15-16=0/2931, 14-15=0/1886, 13-14=0/1886, 12-13=0/1131
- WEBS 6-19=-534/14, 5-19=0/425, 5-20=-648/0, 2-20=0/721, 2-21=-1058/0, 1-21=0/1208, 7-16=-531/17, 8-16=0/419, 8-15=-663/0, 9-15=0/697, 9-13=-965/0, 10-12=-1347/0, 10-13=0/616

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 0.0023 HONEYCUT	FT HILLS 377 ADAMS POI	NTE COURT ANGIER, NO
24-2342-F01	F1-07	Floor Supported Gable		1	1	Job Reference (optior	nal)	# 46874
			Run: I[8.430 s Feb 12 D:RLVooyCsa	2021 Print: sqGlrWbJ	8.430 s Feb 12 2021 MiT W7kNnzGeEq-8tMz77	ēk Industries, Inc. Sun Mar VESsJ0TDfoJDjajOqSlu	24 12:15:21 2024 Page 1 YfWYPxom93WbzXkja
0-1-8								
								Scale = 1:29.4
1.5x3	1.5x3 1.5x3							1.5x3
1.5x3 = 1.5x3	3x8 FP=	1.5x3 1.5x3	1.5x3 3x4 =	= 1.5x3	3 1.	5x3 1.5x3	1.5x3 1.5x3	3x4
1 2 ₁₁	3 4 5	6 7	8 9	_10		11 12	13 14	15 16
		0	ि ही			• •	•	
0,33 N B⊈ ST1	ST1 ST1	ST1 ST1	ST1 W2 ST1	ST1	S	ST1 ST1	ST1 ST1	ST1 W1 🖓
							B2	
	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXX	XXXXX	(XXXX		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
32 31	30 29	28 27	26 25	24	2	23 22	21 20 19	18 17
3x4 1.5x3	1.5x3 1.5x3	1.5x3 1.5x3	3x4 = 1.5x3	3 1.5x3	3 1.	5x3 1.5x3	3x8 FP= 1.5x3	3x4
							1.5x3	1.5x3

			17-10-14 17-10-14		
Plate Offsets (X,Y)	[9:0-1-8,Edge], [26:0-1-8,Edge], [32:1	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. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	(loc) l/defl L/d - n/a 999 - n/a 999 17 n/a n/a	PLATES GRIP MT20 244/190 Weight: 78 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF OTHERS 2x4 SF	9 No.1(flat) 9 No.1(flat) 9 No.3(flat) 9 No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing of end verticals. Rigid ceiling directly applied	lirectly applied or 6-0-0 oc purlins, except I or 10-0-0 oc bracing.

REACTIONS. All bearings 17-10-14.

(Ib) - Max Uplift All uplift 100 Ib or less at joint(s) 17

Max Grav All reactions 250 lb or less at joint(s) 32, 17, 31, 30, 29, 28, 27, 26, 25, 24, 23, 22, 21, 19, 18

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) 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) 17.

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





						1002						
						13-6-2						1
Plate Offsets	s (X,Y) [[7:0-1-8,Edge], [17:0-1-8,	,Edge], [22:Edg	ge,0-1-8]								
LOADING (ps TCLL 40 TCDL 10 BCLL 0	sf)).0).0).0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr	2-0-0 1.00 1.00 YES	CSI. TC (BC (WB (0.07 0.01 0.04	DEFL. Vert(LL) Vert(CT) Horz(CT)	in n/a n/a 0.00	(loc) - - 12	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20	GRIP 244/190
BCDL 5	5.0	Code IRC2021/TP	912014	Matrix-	-SH						Weight: 60 lb	FT = 20%F, 11%E
LUMBER- TOP CHORD BOT CHORD WEBS OTHERS) 2x4 SP) 2x4 SP 2x4 SP 2x4 SP 2x4 SP	No.1(flat) No.1(flat) No.3(flat) No.3(flat)	I		I	BRACING- TOP CHOP BOT CHOP	RD RD	Structu end ver Rigid co	ral wood ticals. eiling di	d sheathing c rectly applied	lirectly applied or 6- d or 10-0-0 oc bracin	0-0 oc purlins, except g.

13-6-2

REACTIONS. All bearings 13-6-2.

(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)

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





 	<u>5-9-1</u> 5-9-1	6-9-1 1-0-0	7-9-1	13 5-	-6-2 -9-1	
Plate Offsets (X,Y)	[4:0-1-8,Edge], [5:0-1-8,Edge], [9:Edge	,0-1-8], [16:Edge,0-3-0]				
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.21 BC 0.42 WB 0.27 Matrix-SH	DEFL. ir Vert(LL) -0.07 Vert(CT) -0.10 Horz(CT) 0.02	n (loc) l/defl L/d 7 11-12 >999 480 0 11-12 >999 360 2 9 n/a n/a	PLATES MT20 Weight: 69 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP	P No.1(flat) P No.1(flat) P No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d end verticals. Rigid ceiling directly applied	lirectly applied or 6-0 l or 10-0-0 oc bracing	I-0 oc purlins, except g.

REACTIONS. (lb/size) 16=482/0-3-8 (min. 0-1-8), 9=486/0-5-4 (min. 0-1-8)

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

TOP CHORD 2-3=-692/0, 3-4=-1325/0, 4-5=-1529/0, 5-6=-1325/0, 6-7=-692/0

BOT CHORD 15-16=0/251, 14-15=0/1114, 13-14=0/1529, 12-13=0/1529, 11-12=0/1529, 10-11=0/1114, 9-10=0/251

4-14=-352/0, 3-14=0/293, 3-15=-550/0, 2-15=0/574, 2-16=-580/0, 5-11=-352/0, 6-11=0/293, 6-10=-550/0, 7-10=0/574, WEBS

7-9=-574/0

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



3/22/2024



	0-0-1	0-0-1	1-5-1	1+-1-0	
	5-9-1	1-0-0	1-0-0	6-9-15	
Plate Offsets (X,Y)	[4:0-1-8,Edge], [5:0-1-8,Edge], [16:E	dge,0-3-0]			
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.28 BC 0.56 WB 0.30 Matrix-SH	DEFL. Vert(LL) -0.: Vert(CT) -0.: Horz(CT) 0.0	in (loc) //defl L/d 11 11-12 >999 480 15 11-12 >999 360 03 9 n/a n/a	PLATES GRIP MT20 244/190 Weight: 73 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 S BOT CHORD 2x4 S	P No.1(flat) P No.1(flat) P No.1(flat)		BRACING- TOP CHORD	Structural wood sheathing d end verticals.	lirectly applied or 6-0-0 oc purlins, except

7_0_1

6-9-1

WEBS 2x4 SP No.3(flat)

7-9=-866/0

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

14-7-0

REACTIONS. (lb/size) 16=521/0-3-8 (min. 0-1-8), 9=521/0-7-8 (min. 0-1-8)

5_0_1

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

TOP CHORD 2-3=-758/0, 3-4=-1486/0, 4-5=-1779/0, 5-6=-1661/0, 6-7=-1126/0

BOT CHORD 15-16=0/272, 14-15=0/1221, 13-14=0/1779, 12-13=0/1779, 11-12=0/1779, 10-11=0/1506, 9-10=0/725

4-14=-451/0, 3-14=0/356, 3-15=-603/0, 2-15=0/633, 2-16=-630/0, 5-11=-296/22, 6-11=0/256, 6-10=-495/0, 7-10=0/523, WEBS

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





0 <u>-3-0</u> 0-3-0	5-9-1 5-6-1	<u> </u>	7-9-1 1-0-0	14-7-0 6-9-15		
Plate Offsets (X,Y)	[4:0-1-8,Edge], [5:0-1-8,Edge], [16:E	dge,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 0.43 BC 0.85 WB 0.45 Matrix-SH	DEFL. ir Vert(LL) -0.17 Vert(CT) -0.22 Horz(CT) 0.04	n (loc) l/defl L/d 7 11-12 >999 480 2 11-12 >777 360 4 9 n/a n/a	PLATES GRIP MT20 244/190 Weight: 73 lb FT = 20%F,	11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF	P No.1(flat) P No.1(flat)		BRACING- TOP CHORD	Structural wood sheathing dir end verticals.	ectly applied or 6-0-0 oc purlins, ex	xcept

WEBS 2x4 SP No.3(flat)

7-9=-1298/0

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

REACTIONS. (lb/size) 16=782/0-3-8 (min. 0-1-8), 9=782/0-3-8 (min. 0-1-8)

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

TOP CHORD 2-3=-1137/0, 3-4=-2229/0, 4-5=-2668/0, 5-6=-2492/0, 6-7=-1689/0

BOT CHORD 15-16=0/408, 14-15=0/1832, 13-14=0/2668, 12-13=0/2668, 11-12=0/2668, 10-11=0/2260, 9-10=0/1087

4-14=-676/0, 3-14=0/533, 3-15=-905/0, 2-15=0/949, 2-16=-944/0, 5-11=-445/34, 6-11=0/384, 6-10=-743/0, 7-10=0/784, WEBS

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	Туре		Qt	у	Ply	LOT 0.00	23 HONEYC	UTT HILLS 377 AD	AMS POINTE	COURT ANGIER, NO
24-2342-F01	F1-12	GABLE	<u> </u>		1		1	Job Refe	erence (onti	onal)	#	46874
0 ₁ 18					Run: 8.430 s ID:RLVoo	Feb 12 oyCsas	2021 Prin sqGlrWbJ	t: [*] 8.430 s Fe W7kNnzG	eb 12 2021 № ieEq-Vr9sA	ti⊤ek Índustries, Inc. qZNHOyla_Ym6n	Sun Mar 24 1 nJIQRXJ3vF	2:15:26 2024 Page 1 pBpfgx1sqCpzXkjV 0 ₁ 1 ₁ 8 Scale: 1/2"=1'
$1.5x3 \\ 1.5x3 = 1. \\ 1 2 \\ 0.25 \\ 0.15 $	5x3 1.5x 2 3 9 9 9 9 11 ST-	3 1.5x3 4 1 ST1	1.5x3 5 ST1	1.5x3 6 T ST1 V	3x4 = 7 1 7 2 8 7 1 2 8 7 1		1.5x3 8 ST1	1	.5x3 9 ST1	1.5x3 10 ST1	1.5x3 11 ST1	1.5x3 1.5x3 = 12 12 12 12 12 12 12 12
24 2 3x4 1.	2-8-0 + 140	21 3 1.5x3 4-0-0 5	20 1.5x3 4-0 6-8-0 40 140	19 3x4 =	18 1.5x3	9-4-0	17 1.5x3	10-8-0 14.0	16 .5x3 + 12-0	15 1.5x3 -0 13-4-0 -1 14-0	14 1.5x3	13 3x4
Plate Offsets (X,Y)	[7:0-1-8,Edge], [1	19:0-1-8,Edge], [24:E	Edge,0-1-8]	1-	4-0	1-4-0		1-4-0	1-4-	-0 1-4-0	1-	3-0
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING Plate Grip Lumber D Rep Stres Code IRC	- 2-0-0 DOL 1.00 OL 1.00 s Incr YES 2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH		DEFL. Vert(LL) Vert(CT) Horz(CT)	in n/a n/a 0.00	(loc) - - 13	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 6	GRIP 244/19 64 lb FT	90 = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF OTHERS 2x4 SF REACTIONS All bo	P No.1(flat) P No.1(flat) P No.3(flat) P No.3(flat) P No.3(flat)		1		BRACING- TOP CHOF BOT CHOF	RD RD	Structur end ver Rigid ce	ral wood s ticals. eiling dire	sheathing ctly applie	directly applied o	or 6-0-0 oc racing.	purlins, except
	row All reactions	250 lb or loop of ici	n+(a) 04 10 00 0	0 04 00 40	10 17 16	15 1	4					

(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-(5)

- 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.

LOAD CASE(S) Standard

