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 #: 48051 JOB: 24-3417-F01 JOB NAME: LOT 0.0025 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. 25 Truss Design(s)

Trusses:

F101, F102, F103, F104, F105, F106, F107, F108, F109, F110, F111, F112, F113, F114, F115, F116, F117, F118, F119, F120, F121, F122, F123, F124, F125



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*

Job	Truss		Truss Type		Qty	Ply	LOT 0.0025 HONEYCUTT HILLS	417 ADAMS POINTE	COURT ANGIER, NO
24-3417-F01	F101		GABLE		2	1	Job Reference (optional)	# -	48051
					Run: 8.430 s Feb ID:XfGBr?	12 2021 Prin CJattCkf9N	t: 8.430 s Feb 12 2021 MiTek Indus IOQCWivcQDJ-wU?PparDDB1	stries, Inc. Thu May 22	1:35:36 2024 Page 1 14HiXUu?ZizKQmL
0-1-8									····,···
⊣ ⊢ 1-3-0	0							1-2-1	12 Scale = 1:23 5
									00010 1.20.0
$4x4 \equiv$									
1.5x3 =	1.5x3	4x4 =	3x4 =	1.5x3	3x4 =		3x4 =	3x4 =	3x4
1	19	2	3	4	5		6	7	8
916									

B

11

3x4 =

10

3x4 =

5/2/2024

12

3x8 =

13

4x4 =

 \langle

3x6 =

3x8 3x4 ||

4x4 =

L			14-4-4				
' 1-4-0			13-0-4				•
Plate Offsets (X,Y)	[1:Edge,0-1-8], [15:Edge,0-1-8], [17:0	-4-0,0-0-7]					
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 0.61 BC 0.34 WB 0.45 Matrix-SH	DEFL. ir Vert(LL) -0.07 Vert(CT) -0.10 Horz(CT) 0.02	n (loc) l/defl 7 11-12 >999 0 11-12 >999 2 9 n/a	L/d 480 360 n/a	PLATES MT20 Weight: 73 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 CHORD BOT CHORD	Structural wood end verticals. Rigid ceiling dire	sheathing dire	ctly applied or 6-(6-0-0 oc bracing)-0 oc purlins, except
REACTIONS. (Ib/size	e) 15=-986/2-8-0 (min. 0-1-8), 14=1 Inlift15=-1041(I C 4)	946/2-8-0 (min. 0-1-8), 9	=586/0-3-8 (min. 0-1-	-8)			
FORCES. (b) - Max. TOP CHORD 15-16 BOT CHORD 13-14 WEBS 1-14: 7-9=- NOTES- (7-10) 1) Unbalanced floor li 2) Gable studs space 3) Provide mechanica 4) This truss has larg at the bearings. Bu 5) Recommend 2x6 s be attached to wall	Comp./Max. Ten All forces 250 (lb 5=0/1036, 1-16=0/1034, 1-19=0/1685 4=-528/0, 12-13=0/972, 11-12=0/1746 =-1941/0, 2-14=-1443/0, 2-13=0/931, -981/0 ve loads have been considered for th d at 1-4-0 oc. al connection (by others) of truss to be e uplift reaction(s) from gravity load c iliding designer must provide for uplift trongbacks, on edge, spaced at 10-0 is at their outer ends or restrained by) or less except when sho , 2-19=0/1685, 3-4=-1440 5, 10-11=0/1699, 9-10=0/ 3-13=-900/0, 3-12=0/563 is design. earing plate capable of wi ase(s). Proper connectior reactions indicated. 0 oc and fastened to ear other means	own.)/0, 4-5=-1440/0, 5-6= 824 , 5-12=-371/0, 6-10=-{ thstanding 1041 lb upl n is required to secure ch truss with 3-10d (0.	-1739/0, 6-7=-128 510/0, 7-10=0/558 lift at joint 15. truss against upw 131" X 3") nails.	1/0 s, vard movement Strongbacks to	t I	
 6) CAUTION, Do not 7) Graphical bracing in 	erect truss backwards. representation does not depict the siz	e, type or the orientation	of the brace on the me	ember. Symbol on	ly indicates that	at	
8) Bearing symbols a	re only graphical representations of a	possible bearing condition	on. Bearing symbols a	re not considered	in the structura	al	
9) Web bracing show Restraining & Brac 10) SEE BCSI-B3 SU MINIMUM BRACI MINIMUM GUIDE CONSIDERATIO	In is for lateral support of individual we ing of Metal Plate Connected Wood T IMMARY SHEET- PERMANENT RES NG REQUIREMENTS OF TOP CHO CLINES, ALWAYS CONSULT THE PF NS.	b members only. Refer to Trusses for additional bra TRAING/BRACING OF (RD, BOTTOM CHORD, A ROJECT ARCHITECT OF	o BCSI - Guide to Goo cing guidelines, includ CHORDS & WEB MEN NDD WEB PLANES. I R ENGINEER FOR AD	od Practice for Hai ling diagonal brac MBERS FOR REC N ADDITION TO ⁻ IDITIONAL BRAC	ndling, Installin ing. OMMENDED THESE ING	PROFESSION SEAL 28147	
LOAD CASE(S) Stan	dard				AIIIII.	A SNOINEE	A. A
						5/2/20	174

Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCUTT HILLS 417 AD	AMS POINTE COURT ANGIER, NO
24-3417-F01	F102	Floor	8	1	Job Reference (optional)	# 48051
			Run: 8 /30 s Eeb 12	2021 Print	8 430 s Eeb 12 2021 MiTek Industries Inc.	Thu May 2 21:35:37 2024 Page 1

ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-OhZn1wss_U99BP84FxISYs9xuIK_QWptl8eZ59zKQmK



1-2-12 Scale = 1:23.5



	1-0-0	4-0-0	0-0-0	5-1-0	11-7-0	
	1-6-0	2-6-0	2-6-0	2-7-8	2-6-0	2-5-12 0-3-0
Plate O	ffsets (X,Y) [1	1:Edge,0-1-8], [15:Edge,0-1-8]		-		
LOADIN	IG (psf)	SPACING- 2-0-0	CSI.	DEFL. in (loc	:) l/defl L/d	PLATES GRIP
TCLL	40.0	Plate Grip DOL 1.00	TC 0.36	Vert(LL) -0.17 11-12	2 >999 480	MT20 244/190
TCDL	10.0	Lumber DOL 1.00	BC 0.60	Vert(CT) -0.23 11-12	2 >732 360	
BCLL	0.0	Rep Stress Incr YES	WB 0.56	Horz(CT) 0.04 8	8 n/a n/a	
BCDL	5.0	Code IRC2021/TPI2014	Matrix-SH			Weight: 72 lb FT = 20%F, 11%E
LUMBE	R-			BRACING-		
TOP CH	IORD 2x4 SP	No.1(flat)		TOP CHORD Strue	ctural wood sheathing	directly applied or 6-0-0 oc purlins, except

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

1_6_0

9_1_8

end verticals

14-1-4

14-4-4

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

11_7_8

REACTIONS. (lb/size) 15=769/0-7-14 (min. 0-1-8), 8=776/0-5-4 (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=-764/0, 1-16=-762/0, 1-2=-1042/0, 2-3=-2457/0, 3-4=-3046/0, 4-5=-2841/0, 5-6=-1841/0

BOT CHORD 13-14=0/1953, 12-13=0/2925, 11-12=0/3140, 10-11=0/3140, 9-10=0/2526, 8-9=0/1117

WEBS 1-14=0/1186, 2-14=-1112/0, 2-13=0/615, 3-13=-571/0, 4-10=-359/0, 5-10=0/385, 5-9=-836/0, 6-9=0/884, 6-8=-1329/0

6-6-0

NOTES-(3-6)

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

CAUTION, Do not erect truss backwards

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

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

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

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCU	ITT HILLS 417 ADAMS	POINTE COURT ANGIER, NC
24-3417-F01	F103	Floor Supported Gable	1	1	Job Reference (option	onal)	# 48051
0-1.8		F	Run: 8.430 s Feb 12 ID:XfGBr?_CJc	2021 Print attCkf9NC	t: 8.430 s Feb 12 2021 M DQCWjycQDJ-OhZn1	iTek Industries, Inc. The wss_U99BP84FxISY	u May 2 21:35:37 2024 Page 1 s90dITDQe8tl8eZ59zKQmK
0-H-0							
							Scale = 1:38.3
$1.5x3 \\ 1.5x3 = 1.5x3 \\ 1 2 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\$	1.5x3 1.5x3 1.5x3 3 4 5 	$1.5x3 \parallel 1.5x3 \parallel$ $3x8 \text{ FP}=$ $1.5x3 \parallel 3x4 = 1.$ $6 7 8 9 10$ $10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -$	5x3 1.5x3 11 12 11 ST1 ST1 ST1	1.5x3 13 T2 ST1	1.5x3 1.5x3 14 15 ST1 ST1	1.5x3 1.5x3 16 17 ST1 ST1 E2 5	1.5x3 1.5x3 3x4 18 19 20 S 1 0 0 0 S 1 0 0 0 S 1
			××××××××××××××××××××××××××××××××××××××	XXXX			
40 39 3x4 1.5x3	38 37 36 1.5x3 1.5x3 1.5x3	35 34 33 32 1.5x3 1.5x3 1.5x3 1.5x3 3)	31 30 29 x4 = 3x8 1	28 FP=	27 26 1.5x3 1.5x3	25 24 1.5x3 1.5x3	23 22 21 1.5x3 3x4
			1.5x3	1.5x3			1.5X3
		23-2- 23-2-	-8 -8				I
Plate Offsets (X,Y) [10	<u>0:0-1-8,Edgej, [31:0-1-8,Edg</u>	ej, [40:Edge,0-1-8]		<i>(</i> ,)		DI 4750	
LOADING (pst) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0- Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. E) TC 0.06 V) BC 0.01 V 6 WB 0.03 H 4 Matrix-SH H	PEFL. in /ert(LL) n/a /ert(CT) n/a łorz(CT) 0.00	(loc) - - 21	l/defi L/d n/a 999 n/a 999 n/a n/a	PLATES MT20 Weight: 94 II	GRIP 244/190 b FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N WEBS 2x4 SP N OTHERS 2x4 SP N	o.1(flat) o.1(flat) o.3(flat) o.3(flat)	В Т В	RACING- OP CHORD	Structura end vert Rigid ce	al wood sheathing o icals. iling directly applied	lirectly applied or 6 d or 10-0-0 oc braci	-0-0 oc purlins, except ng.
REACTIONS. All bear (lb) - Max Upli Max Grav	ings 23-2-8. ft All uplift 100 lb or less at v All reactions 250 lb or les 24, 23, 22	joint(s) 21 s at joint(s) 40, 21, 39, 38, 37, 36, 35, 3	34, 33, 32, 31, 30), 28, 27	, 26, 25,		
FORCES. (Ib) - Max. Co	omp./Max. Ten All forces :	250 (lb) or less except when shown.					
NOTES- (7-10) 1) Gable requires contin 2) Truss to be fully shea 3) Gable studs spaced a 4) Provide mechanical c 5) Recommend 2x6 stro be attached to walls a 6) CAUTION, Do not ere 7) Graphical bracing rep	uous bottom chord bearing. thed from one face or secur tt 1-4-0 oc. onnection (by others) of trus ngbacks, on edge, spaced a tt their outer ends or restrair et truss backwards. resentation does not depict	ely braced against lateral movement (i. as to bearing plate capable of withstand at 10-0-0 oc and fastened to each truss led by other means. the size, type or the orientation of the b	e. diagonal web) ling 100 lb uplift s with 3-10d (0.1: prace on the mer). at joint(s 31" X 3") nber. Sy	i) 21.) nails. Strongback: mbol only indicates	s to that	
the member must be 8) Bearing symbols are design of the truss to 9) Web bracing shown is Restraining & Bracing 10) SEE BCSI-B3 SUM MINIMUM BRACING MINIMUM GUIDELIN CONSIDERATIONS	braced. only graphical representatio support the loads indicated. s for lateral support of individ of Metal Plate Connected V MARY SHEET- PERMANEN REQUIREMENTS OF TOF NES, ALWAYS CONSULT 1	ns of a possible bearing condition. Bea dual web members only. Refer to BCSI Wood Trusses for additional bracing gu IT RESTRAING/BRACING OF CHORD P CHORD, BOTTOM CHORD, AND WI THE PROJECT ARCHITECT OR ENGI	ring symbols are - Guide to Good idelines, includir S & WEB MEM EB PLANES. IN NEER FOR ADD	not con Practice ng diagor BERS F(ADDITIONAI	sidered in the struc e for Handling, Insta nal bracing. DR RECOMMENDE ON TO THESE L BRACING	tural Illing, ED INNUMERTH CA	ROLINA
LOAD CASE(S) Standar	rd					SEAL 28147 ANGINE ARK K. N	ER. B.

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.

5/2/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONE	YCUTT HILLS 417	7 ADAMS POINTE COURT ANGIER, NO
24-3417-F01	F104	Floor	6	1	loh Reference (ontional)	# 48051
			Run: 8.430 s Feb 1 ID:XfGBr? 0	2 2021 Print CJqttCkf9N	: 8.430 s Feb 12 20 OQCWjycQDJ-st	21 MiTek Industries 6AEFtUkol0pYjH	, Inc. Thu May 2 21:35:38 2024 Page 1 peGh53i7RimZ9?00 oN6ebzKQmJ
0-1-8							
H ⊢1-3-0			<u> 1-4-14 </u>				0-11-2 Scale = 1:38.3
3x4 = 1.5x3 = 1 268	3x4 = 3x4 = 2 $2 T1 3$ 3	3x8 = 3x8 FP = 3x4 = 4 5 6	3x8 = 7	8	3x4 = 8 T2 12 12 12	3x4 = 9 51	3x4 = 3x6 = 10 11
25 24	23	22 21 20	19 18 4	17	16 15	14	
⊢ <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 25:Edge,0-1-8]	9-1-8 <u>11-7-8</u> 2-7-8 2-6-0	<u>+ 13-1-14 + 14-6</u> 	-6 + ^	3x4 =	<u>19-6-6</u> 2-6-0	22-0-6 23-2-8 2-6-0 1-2-2
LOADING (psf)	SPACING- 1-4-	0 CSI	DEFL. ir	(loc)	/defl I/d	PLAT	es grip
TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr YE Code IRC2021/TPI201	0 TC 0.31 0 BC 0.26 S WB 0.44 4 Matrix-SH	Vert(LL) -0.06 Vert(CT) -0.08 Horz(CT) 0.01	22 > 22 > 18	9999 480 9999 360 n/a n/a	MT20	244/190 ht: 115 lb FT = 20%F, 11%E
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	Structura end verti Rigid cei	al wood sheathi cals. ling directly apj	ng directly appli blied or 6-0-0 oc	ed or 6-0-0 oc purlins, except
REACTIONS. (Ib/size) Max Gr) 25=381/0-7-14 (min. 0-1- av25=401(LC 3), 12=304(LC	8), 12=242/0-5-4 (min. 0-1-8), 18= ; 4), 18=1057(LC 1)	-1057/0-5-4 (min. 0-	1-8)			
FORCES. (lb) - Max. (lb) TOP CHORD 25-26 6-7=0/ BOT CHORD 23-24 16-17= WEBS 7-18=- 8-15=	Comp./Max. Ten All forces 398/0, 1-26=-397/0, 11-12= 505, 7-8=0/782, 8-9=-546/38 e0/969, 22-23=0/1301, 21-22 570/339, 15-16=-570/339, 1029/0, 1-24=0/591, 2-24=-5 0/365, 9-15=-334/0, 10-13=-	250 (lb) or less except when show -301/0, 1-2=-520/0, 2-3=-1147/0, : 7, 9-10=-683/124, 10-11=-290/10 =0/1118, 20-21=0/1118, 19-20=-2 14-15=-230/729, 13-14=-43/615 ;48/0, 4-20=-473/0, 6-20=0/489, 6- 397/39, 11-13=-14/377	/n. 3-4=-1223/0, 4-5=-7! 12/391, 18-19=-1306 -19=-794/0, 7-19=0/9	59/60, 5-6 5/0, 17-18 923, 7-17=	=-759/60, =-1312/0, 0/708, 8-17=-6	55/0,	
 NOTES- (4-7) 1) Unbalanced floor liv. 2) Recommend 2x6 str be attached to walls 3) CAUTION, Do not ei 4) Graphical bracing re the member must be 5) Bearing symbols are design of the truss to 6) Web bracing shown Restraining & Bracin 7) SEE BCSI-B3 SUMI MINIMUM BRACINC GUIDELINES, ALWA 	e loads have been considere ongbacks, on edge, spaced at their outer ends or restrai rect truss backwards. presentation does not depict a braced. o support the loads indicated is for lateral support of indivi g of Metal Plate Connected MARY SHEET- PERMANEN & REQUIREMENTS OF TOP AYS CONSULT THE PROJE	d for this design. at 10-0-0 oc and fastened to each ned by other means. the size, type or the orientation of ons of a possible bearing condition dual web members only. Refer to l Wood Trusses for additional braci T RESTRAING/BRACING OF CHC CHORD, BOTTOM CHORD, AND CCT ARCHITECT OR ENGINEER	n truss with 3-10d (0. f the brace on the me . Bearing symbols ar BCSI - Guide to Goo ng guidelines, includ ORDS & WEB MEMI D WEB PLANES. IN FOR ADDITIONAL E	131" X 3") ember. Syn e not cons d Practice ing diagor BERS FOI ADDITIO BRACING	nails. Strongb nbol only indica sidered in the s for Handling, I nal bracing. R RECOMMEN N TO THESE N CONSIDERAT	acks to ates that tructural nstalling, DED 1INIMUM IONS.	A CAROLINII
LOAD CASE(S) Stand	ard					Section States	SEAL 28147

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.

5/2/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCUT	T HILLS 417 ADAMS F	OINTE COURT ANGIER, NO
24-3417-F01	F105	Floor	7	1		D.	# 48051
			Run: 8.430 s Feb 12	2021 Prin	Job Reference (option t: 8.430 s Feb 12 2021 MiT	al) ek Industries, Inc. Thu I	May 2 21:35:38 2024 Page 1
			ID:XfGBr?_(CJqttCkf9	NOQCWjycQDJ-st6AE	FtUkol0pYjHpeGh53	iyqilm9_h0_oN6ebzKQmJ
0-1-8							
H ⊢			1-4-14				0-11-2 Scale = 1:38.3
							00010 1.00.0
$3x4 \equiv$							
1.5x3 =	3x4 = 3x4 =	3x8 = 3x8 FP= 3x4 =	3x8 =		3x4 = 3x4	↓= 3x4	= 3x6 =
1	2 T1	4 5 6	7		8 9 9	27 10	11
26PH			W3 HIL				
		B1		T.			
			E E				Ř
25 24	23 2	22 21 20	19 18	17	16 15	14	13 12
$3x4 \parallel 3x4 \equiv$	3x4 = 3	x4 = 1.5x3 3x4 =	$3x6 = 3x4 \parallel$	4x4 =	3x8 FP=	3x4 =	$3x4 = 3x4 \parallel$
					$3x4 \equiv$		
1-6-0	<u>4-0-0 6-6-0</u> 2-6-0 2-6-0	9-1-8 11-7-8	13-1-14 14-6-0	6 	17-0-6 19-6 2-6-0 2-6-	-6 22-0-6	$\frac{3}{1-2-2}$
Plate Offsets (X,Y) [25	:Edge,0-1-8]	210 200	100 110	, 	200 20		
	SPACING. 1.4.0	CSI	DEEI in	(loc)	l/defl l/d	PI ATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.99	Vert(LL) -0.06	22	>999 480	MT20	244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.31	Vert(CT) -0.07	22	>999 360		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	Horz(CT) 0.01	12	n/a n/a	Weight: 115 lt	FT = 20%F, 11%E
LUMBER-	o 1/flat)		BRACING-	Structur	al wood sheathing dir	ectly applied or 4-8	-11 oc purlins except
BOT CHORD 2x4 SP No	p.1(flat)			end vert	ticals.	cony applied of 4-c	
WEBS 2x4 SP No	o.3(flat)		BOT CHORD	Rigid ce	eiling directly applied o	or 6-0-0 oc bracing	
REACTIONS. (lb/size)	25=364/0-7-14 (min. 0-1-8)	, 12=427/0-5-4 (min. 0-1-8), 18	3=1224/0-5-4 (min. 0-1	-8)			
Max Grav	25=384(LC 3), 12=489(LC	4), 18=1224(LC 1)	Υ.	,			
FORCES. (lb) - Max Co	omp /Max Ten - All forces 2	50 (lb) or less except when sho	wn				
TOP CHORD 25-26=-3	381/0, 1-26=-380/0, 11-12=-	486/0, 1-2=-494/0, 2-3=-1072/0	, 3-4=-1100/0, 4-5=-58	4/235, 5-	-6=-584/235,		
6-7=0/72 BOT CHORD 23-24=0	26, 7-8=0/808, 8-9=-983/0, 9 /010_22_23=0/1202_21_22=	-27=-1305/0, 10-27=-1305/0, 1 -74/970_20-21=-74/970_19-20;	0-11=-539/0 =_412/191 18_19=_155	0/0 17-1	8=-1558/0		
16-17=-3	396/513, 15-16=-396/513, 14	1-15=0/1429, 13-14=0/1161	412/131, 10-13133	0/0, 17-1	101000/0,		
WEBS 7-18=-11	193/0, 1-24=0/561, 2-24=-51	9/0, 4-20=-504/0, 6-20=0/520,	6-19=-819/0, 7-19=0/94	49, 7-17=	=0/967, 8-17=-899/0,		
8-15=0/	087, 9-15=-055/0, 10-13=-7:	59/0, 11-13=0/701					
NOTES- (5-8)		•					
1) Unbalanced floor live I	loads have been considered	for this design. A Building designer must revie	w loads to verify that t	hev are o	correct for the intende	h	
use of this truss.		Su. Building doorghor much of		noy are c		u i i i i i i i i i i i i i i i i i i i	
3) Recommend 2x6 stror	ngbacks, on edge, spaced at	t 10-0-0 oc and fastened to ead	ch truss with 3-10d (0.1	31" X 3")) nails. Strongbacks f	0	
4) CAUTION, Do not ered	ct truss backwards.	ed by other means.					
5) Graphical bracing repr	resentation does not depict t	he size, type or the orientation	of the brace on the mer	nber. Sy	mbol only indicates the	nat	
6) Bearing symbols are o	oraceo. Intraceo di capacitation	s of a possible bearing conditio	n. Bearing symbols are	e not con	sidered in the structu	ral	
design of the truss to s	support the loads indicated.		···· _ · ····· · · · · · · · · · · · ·				
7) Web bracing shown is	for lateral support of individ	ual web members only. Refer to	BCSI - Guide to Good	Practice	e for Handling, Installi nal bracing	ng, www.ununun	little.
8) SEE BCSI-B3 SUMMA	ARY SHEET- PERMANENT	RESTRAING/BRACING OF CH	HORDS & WEB MEMB	ERS FO	R RECOMMENDED	INTORTH CAN	QUALIA
MINIMUM BRACING F	REQUIREMENTS OF TOP (CHORD, BOTTOM CHORD, AN	D WEB PLANES. IN	ADDITIO	N TO THESE MINIM	UM OFESSIC	N. Alla
GUIDELINES, ALWAY	IS CONSULT THE PROJEC	T ARCHITECT OR ENGINEER	K FOR ADDITIONAL B	RACING	CONSIDERATIONS	1 A	Kir I
LOAD CASE(S) Standard	d					SEAL	
1) Dead + Floor Live (bal	lanced): Lumber Increase=1	.00, Plate Increase=1.00			III	28147	1 Ē.
Vert: 12-25=-7	′, 1-11=-67				III.	· · ·	
Concentrated Loads (I	b)					VOINEE	als un
2) Dead: Lumber Increase	e=1.00. Plate Increase=1 ດໃ)				MINK K. MC	18thunn
,	,					a triber tribert	1987
						5/2/20)24
Convitinuing bn Vergify 21 esign	n parameters and read notes be	fore use. This design is based only	upon parameters shown, an	d is for an	n individual building com	ponent to be installed	and loaded

Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCUTT HILLS 417 AD	AMS POINTE COURT ANGIER, NC
24-3417-F01	F105	Floor	7	1	Job Reference (optional)	# 48051
		Bue: 9 4	20 a Eab 1'	0.2021 Drint	9 420 a Eab 12 2021 MiTak Industrias Inc.	Thu May 2 21-25-29 2024 Dags 2

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Thu May 2 21:35:38 2024 Page 2 ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-st6AEFtUkol0pYjHpeGh53iyqilm9_h0_oN6ebzKQmJ

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 0.0025 HONEY	CUTT HILLS 417 ADAMS	POINTE COURT ANGIER, NO
24-3417-F01	F106	Floor	1	1	Job Reference (or	tional)	# 48051
			Run: 8.430 s Feb 12 ID:XfGBr?_CJqtt	2 2021 Print Ckf9NOQ	1300 Reference (0) 1: 8.430 s Feb 12 2021 1: CWjycQDJ-L3gYRI	MiTek Industries, Inc. Thu bu6V6QtRiHTNLnwdHE	May 2 21:35:39 2024 Page 1 B7604uK_ADS7fA2zKQm
0-1-8 H├─ 1-3-0			<u> </u>	0-11-1	3		0-11-5 Scale = 1:38.3
3x4 = 1.5x3 = 1 27_{B} 26 25 $3x4 \parallel$ $3x4 =$	3x4 = 3x4 = 2 $2 T1 3$ $12 B1$ 24 $3x4 = 3$	3x8 = 3x8 FP = 3x4 $4 5 6$ $3x8 = 3x8 FP = 3x4$ $4 5 6$ $3x8 = 3x8 FP = 3x4$ $3x4 = 3x8 FP = 3x8$	= 5x12 = 7 7 19 18 FP=3x6 = 3x4 = 6x12	17 MT20HS=	4x10 = 8 T2 16 15 3x4 3x4 = =	3x4 = 3x4 9 28 10 28 14 3x4 =	4x6 = 11 4x6 = 13 12 4x6 = 3x4
F	1	3-1-14 3-1-14	14-4- 13-3-6 1/ 0-1-8 0) 15-6-3 4- <u>4-12 15</u> 1-0-12 0	-7-11 - 1-8	<u>23-2-8</u> 7-6-13	
Plate Offsets (X,Y) [7:0-2-4,Edge], [17:0-3-8,Edge], [26:Edge,0-1-8]	1-0-1	1 1-1-7			
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 NC Code IRC2021/TPI2014	CSI. TC 0.76 BC 0.62 WB 0.90 Matrix-SH	DEFL. in Vert(LL) -0.06 Vert(CT) -0.11 Horz(CT) 0.01	(loc) 23 14-15 12	l/defl L/d >999 480 >999 360 n/a n/a	PLATES MT20 MT20HS Weight: 117	GRIP 244/190 187/143 Ib FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP T2: 2x4 BOT CHORD 2x4 SP WEBS 2x4 SP BL1,W ²	No.1(flat) *Except* 5 SP SS(flat) No.1(flat) No.2(flat) *Except* 1,W3,W4,W5: 2x4 SP No.3(fla	t)	BRACING- TOP CHORD BOT CHORD	Structura end vert Rigid ce	al wood sheathing icals. iling directly appli	g directly applied or 6- ed or 6-0-0 oc bracing	0-0 oc purlins, except g.
REACTIONS. (Ib/size Max Up Max G	e) 26=287/0-7-14 (min. 0-1-8 plift26=-9(LC 4) rav 26=307(LC 3), 12=766(LC), 12=703/0-5-4 (min. 0-1-8), 1 4), 18=2524(LC 1)	18=2524/0-5-4 (min. 0-1	-8)			
FORCES. (lb) - Max. TOP CHORD 26-27 4-5=0 10-28 BOT CHORD 24-25 19-20	Comp./Max. Ten All forces 2 =-304/12, 1-27=-303/12, 11-12 /1007, 5-6=0/1007, 6-7=0/173 =-2432/0, 10-11=-882/0 =-95/689, 23-24=-343/754, 22 =-1295/0, 18-19=-2662/0, 17-	250 (lb) or less except when sh 2=-762/0, 1-2=-374/39, 2-3=-73 0, 7-8=-635/46, 8-9=-2883/0, 9 -23=-735/298, 21-22=-735/298 18=-2678/0, 16-17=0/2775, 15	own. 34/207, 3-4=-543/523, 9-28=-2432/0, 3, 20-21=-1295/0, 16=0/2776, 14-15=0/29	47			
WEBS 7-18= 6-21= 10-14		385/69, 3-23=-292/0, 4-23=0/3)74, 7-17=0/3206, 8-17=-2806/ =0/1140	330, 4-21=-640/0, /0, 9-14=-629/0,	<i>+1</i> ,			
 NOTES- (7-10) 1) Unbalanced floor liv 2) All plates are MT20 3) Provide mechanical 4) Load case(s) 1, 2, 3 use of this truss. 5) Recommend 2x6 st be attached to walls 6) CAUTION, Do not e 7) Graphical bracing re the member must b 8) Bearing symbols an design of the truss t 9) Web bracing shown Restraining & Braci 10) SEE BCSI-B3 SUI MINIMUM BRACIN MINIMUM GUIDEI 	ve loads have been considered plates unless otherwise indica connection (by others) of trus 3, 4, 5, 6 has/have been modif rongbacks, on edge, spaced a s at their outer ends or restrain prect truss backwards. epresentation does not depict e braced. e only graphical representation to support the loads indicated. In is for lateral support of individ ng of Metal Plate Connected V MMARY SHEET- PERMANEN NG REQUIREMENTS OF TOP LINES, ALWAYS CONSULT T	t for this design. ated. s to bearing plate capable of w ed. Building designer must rev t 10-0-0 oc and fastened to ea ed by other means. the size, type or the orientation ns of a possible bearing conditi lual web members only. Refer Vood Trusses for additional bra T RESTRAING/BRACING OF C CHORD, BOTTOM CHORD, HE PROJECT ARCHITECT O	vithstanding 100 lb uplift riew loads to verify that t ach truss with 3-10d (0.1 n of the brace on the me to BCSI - Guide to Good acing guidelines, includi CHORDS & WEB MEM AND WEB PLANES. IN R ENGINEER FOR ADI	at joint(s hey are c 31" X 3") mber. Sy e not con d Practice ng diagon BERS F(J ADDITIO DITIONAL) 26. correct for the inte mbol only indicate sidered in the stru e for Handling, Ins nal bracing. DR RECOMMENI ON TO THESE L BRACING	nded ks to station ideural stating, DED A A A A A A A A A A A A A A A A A A	ROLLAR STRUCTURE
CONSIDERATION	IS.					5/2/2	024
LOAD CASE(S) Stand Convisionation and the Versitian Stand	lard sign parameters and read notes b	efore use. This design is based only	upon parameters shown. ar	nd is for an	individual building of	component to be installed	and loaded

Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCUTT HILLS 417 ADA	AMS POINTE COURT ANGIER, NO
24-3417-F01	F106	Floor	1	1	Job Reference (optional)	# 48051
			Run: 8 430 s Feb 12	2021 Print	8 430 s Feb 12 2021 MiTek Industries Inc.	Thu May 2 21:35:39 2024 Page 2

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Thu May 2 21:35:39 2024 Page 2 ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-L3gYRbu6V6QtRiHTNLnwdHEB7604uK_ADS7fA2zKQmI

LOAD CASE(S) Standard 1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-26=-7, 1-11=-67 Concentrated Loads (lb) Vert: 8=-1500 28=-335 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-26=-7, 1-11=-67 Concentrated Loads (lb) Vert: 8=-1500 28=-335 3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-26=-7, 1-7=-67, 7-11=-13 Concentrated Loads (lb) Vert: 8=-1500 28=-335 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-26=-7, 1-7=-13, 7-11=-67 Concentrated Loads (lb) Vert: 8=-1500 28=-335 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-26=-7, 1-7=-67, 7-11=-13 Concentrated Loads (lb) Vert: 8=-1500 28=-335 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 12-26=-7, 1-7=-13, 7-11=-67 Concentrated Loads (lb) Vert: 8=-1500 28=-335



Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYC	UTT HILLS 417 ADAMS	POINTE COURT ANGIER, NO
24-3417-F01	F107	Floor	7	1	Job Reference (opt	onal)	# 48051
	I		Run: 8.430 s Feb 12 ID:XfGBr? CJa	2021 Print	1: 8.430 s Feb 12 2021 CWivcQDJ-pGEwf	/iTek Industries, Inc. Thu ukGPYk2ssfx3l9AUn	May 2 21:35:40 2024 Page 1 QOVPcdsbJS6sDiUzKQmH
							0-3-14
1-3-0			1-5-14	1-0-4	-1		0_{14}^{-0}
3x6 =	3x4 = 3x4 =	3x8 = 3x8 FP=	= 5x12 ==		3x8 =	3x4 = 3x4	4x8 ≡ 1 = 3x4 Ⅲ
1	2 3	4 5 6	7		8 10	9 10	11 _{W6} 12
			Watik	W4		e e	
-		181 . 3		×7		B2 🛛	
28 27	26 23	5 24 23	22 21 20	19	18 17	16	15 14 13
3x4 3x4 =	3x4 = 3x	4 = 1.5x3 3x4 =	3x6 = 3x8 F	P=	3x4 3x4 =	3x4 =	3x4
			3x4	4x10 =			4x4 = 4x6 =
			44.0		5.0.0		
 	13-	2-14	14-6-0 13-4-6	15-7-10	-9-2 	22-7-2	23-3-8
Plate Offsets (X V) [13		2-14	1-1-10) ()-1-8	0-10-0	0-0-0
	.Euge,0-1-8j, [28.Euge,0-1-6			<i>"</i> , ,			
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	MT20	GRIP 244/190
TCDL 10.0 BCU 0.0	Lumber DOL 1.00 Rep Stress Incr NO	BC 0.41 WB 0.63	Vert(CT) -0.08 Horz(CT) 0.01	16-17 13	>999 360 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH		15	11/a 11/a	Weight: 121	lb FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No	o.1(flat) o.1(flat)		TOP CHORD	Structur end vert	al wood sheathing icals.	directly applied or 6	-0-0 oc purlins, except
WEBS 2x4 SP No W2: 2x4 SP	o.3(flat) *Except*		BOT CHORD	Rigid ce	iling directly applie	d or 6-0-0 oc bracin	g.
			0 4000/0 5 4 (: 0 4	•			
REACTIONS. (Ib/size) Max Grav	28=332/0-5-4 (min. 0-1-8), 28=353(LC 3), 21=1936(LC	21=1936/0-5-4 (min. 0-1-8), 1 1), 13=1285(LC 4)	3=1222/0-5-4 (min. 0-1	-8)			
FORCES. (Ib) - Max. Co	mp./Max. Ten All forces 2	50 (lb) or less except when sh	own.				
TOP CHORD 1-28=-34 6-7=0/11	49/0, 1-2=-436/0, 2-3=-916/3	6/0 9-10=-1703/0 10-11=-10	4, 5-6=-220/614, 04/0				
BOT CHORD 26-27=0,	/814, 25-26=-119/993, 24-2	5=-400/657, 23-24=-400/657, 2	22-23=-845/0,	<u>-</u>			
21-22=-2 15-16=0	2125/0, 20-21=-2144/0, 19-2)/1460, 14-15=0/814, 13-14=	0=-2144/0, 18-19=0/1831, 17- =0/814	18=0/1831, 16-17=0/19	25,			
WEBS 7-21=-18 6-22=-89	389/0, 1-27=0/517, 2-27=-46 90/0, 7-22=0/1058, 7-19=0/2	1/2, 4-25=0/256, 4-23=-565/0, 215. 8-19=-1972/0. 9-16=-271	6-23=0/582, /0. 10-16=0/297.				
10-15=-5	558/0, 11-15=0/410, 11-13=-	1485/0	,				
NOTES- (5-8)		•					
1) Unbalanced floor live I 2) Load case(s) 1, 2, 3, 4	loads have been considered	for this design. ed. Building designer must revi	iew loads to verify that t	hey are o	correct for the inten	ded	
use of this truss. 3) Recommend 2x6 stron	ngbacks on edge spaced at	10-0-0 oc and fastened to ea	ch truss with 3-10d (0 1	31" X 3")	nails Strongback	is to	
be attached to walls at	t their outer ends or restraine	ed by other means.		0. 700 ,	, namer en en gaaer		
5) Graphical bracing repr	esentation does not depict t	he size, type or the orientation	of the brace on the me	mber. Sy	mbol only indicates	s that	
the member must be b6) Bearing symbols are of	oraced. only graphical representation	s of a possible bearing condition	on. Bearing symbols are	e not con	sidered in the strue	tural multimult	Politic
design of the truss to s	support the loads indicated.	ual was mombors only. Pofor t	to PCSL. Cuido to Coor	Dractic	for Handling Inst	HIN FESS	L'AVILL
Restraining & Bracing	of Metal Plate Connected W	lood Trusses for additional bra	acing guidelines, includi	ng diago	nal bracing.	aller A	ANR THE
8) SEE BCSI-B3 SUMMA MINIMUM BRACING F	RY SHEET- PERMANENT REQUIREMENTS OF TOP (RESTRAING/BRACING OF C CHORD, BOTTOM CHORD, A	ND WEB PLANES. IN A	ERS FO	R RECOMMENDE	MUM SEAL	
GUIDELINES, ALWAY	S CONSULT THE PROJEC	T ARCHITECT OR ENGINEE	R FOR ADDITIONAL B	RACING	CONSIDERATION	IS 28147	
LOAD CASE(S) Standard	d					THE STATE	
Uniform Loads (plf)	anced): Lumber Increase=1	.00, Plate increase=1.00				ARK	ORALINA
Vert: 13-28=-7	7, 1-12=-67					Manager Manager	amm
						5/2/2	024
Convitinging on Vercify 2 lesign	n parameters and read notes be	fore use. This design is based only	upon parameters shown, an	d is for an	individual building co	omponent to be installed	1 and loaded

Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCUTT HILLS 417 ADAM	MS POINTE COURT ANGIER, NC
24-3417-F01	F107	Floor	7	1	Job Reference (optional)	# 48051

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MITeK Industries, Inc. Thu May 2 21:35:40 2024 Page 2 ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-pGEwfxukGPYk2ssfx3I9AUnQOVPcdsbJS6sDiUzKQmH

LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 8=-935 11=-866 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-28=-7, 1-12=-67 Concentrated Loads (lb) Vert: 8=-935 11=-866 3) 1st Dead + Floor Live (unbalanced): 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=-935 11=-866 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=-935 11=-866 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=-935 11=-866 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=-935 11=-866



Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCUT	T HILLS 417 ADAMS POINTE COURT ANGIER, NO
24-3417-F01	F108	Floor	2	1	lob Doference (and	# 48051
			Run: 8.430 s Feb 12	2 2021 Print	Job Reference (option t: 8.430 s Feb 12 2021 Mil	1al) Tek Industries, Inc. Thu May 2 21:35:41 2024 Page 1
. 1-3-0			ID:XIGBr?_CJqtt	JKI9NOQU	2vvjycQDJ-HSoisHvivi	JgaguRrUmpOliKdevnzMLNSgmcmEwzKQmG
100						
						Scale = 1:38.1
240 -	24 - 24 -	3x4 =	=		0×4 - 4 5×2 11 0×	4x6 =
3xo — 1	3x4 = 3x4 = 2	3X8 — 3X8 FP — 4 5 6	3x8 — 7		3x4 = 1.5x3 3x	(4 - 3x4 - 3x4
		B1 B1		\mathbf{k}		
27 26	25 244 —	24 23 22	21 20	19 2v4 —	18 17	16 15 14
3X4 3X4 —	3x4 —	3x4 — 1.5x3 3x4 —	3X0 — 3X4 II	3X4 —	3X8 FP- 3X8 -	3x4 — 3x6 — 4x6 =
		12 0 14			22.2.2	22.2.6
		13-2-14			9-4-4	2-3-6 0-8-6
Plate Offsets (X,Y)	[14:Edge,0-1-8], [27:Edge,0	<u>J-1-8]</u>				
LOADING (psf)	SPACING- 1 Plate Grin DOI	-4-0 CSI. 1.00 TC 0.38	DEFL. in	(loc) 24	I/defl L/d	PLATES GRIP MT20 244/190
TCDL 10.0	Lumber DOL	1.00 BC 0.27	Vert(CT) -0.08	24	>999 360	M120 244/100
BCLL 0.0 BCDL 5.0	Code IRC2021/TPI2	NO WB 0.46 014 Matrix-SH	Horz(CT) 0.01	14	n/a n/a	Weight: 119 lb FT = 20%F, 11%E
LUMBER-			BRACING-			
TOP CHORD 2x4 SF	PNo.1(flat)		TOP CHORD	Structur	al wood sheathing di	rectly applied or 6-0-0 oc purlins, except
WEBS 2x4 SF	PNO.1(flat) PNO.3(flat)		BOT CHORD	Rigid ce	iling directly applied	or 6-0-0 oc bracing.
REACTIONS (Ib/size	27=380/0-5-4 (min 0-1	-8) 20=1128/0-5-4 (min 0-1-8) 1	4=1047/0.5.4 (min 0.1	-8)		
Max G	Grav 27=401(LC 3), 20=1128	B(LC 1), 14=1110(LC 4)		1-0)		
FORCES. (Ib) - Max.	Comp./Max. Ten All forc	es 250 (lb) or less except when sh	own.			
TOP CHORD 1-27=	=-397/0, 1-2=-511/0, 2-3=-1)/567_7-8=0/810_8-9=-728	127/0, 3-4=-1189/0, 4-5=-711/127 /220 9-10=-728/220 10-11=-1001	, 5-6=-711/127, /0_11-12=-709/0			
BOT CHORD 25-26	6=0/957, 24-25=0/1274, 23	-24=0/1077, 22-23=0/1077, 21-22=	288/338, 20-21=-1421	/0,		
WEBS 7-20=	=-1432/0, 18-19=-516/397 =-1100/0, 1-26=0/606, 2-26	, 17-18=-516/397, 16-17=0/977, 18 =-544/0, 4-22=-480/0, 6-22=0/497	, 6-21=-805/0,	9		
7-21= 12-14	=0/972, 7-19=0/813, 8-19=- 1=-1295/0	752/0, 8-17=0/523, 10-17=-408/0,	11-15=-328/162,			
NOTEO (5.0)	1 1200/0					
1) Unbalanced floor li	ve loads have been consid	ered for this design.				
2) Load case(s) 1, 2, use of this truss	3, 4, 5, 6 has/have been m	odified. Building designer must rev	iew loads to verify that t	hey are c	correct for the intende	ed
3) Recommend 2x6 s	trongbacks, on edge, space	ed at 10-0-0 oc and fastened to ea	ach truss with 3-10d (0.1	31" X 3")) nails. Strongbacks	to
4) CAUTION, Do not	erect truss backwards.	rained by other means.				
 Graphical bracing r the member must b 	epresentation does not dep be braced.	pict the size, type or the orientation	of the brace on the me	mber. Sy	mbol only indicates t	hat
6) Bearing symbols and	re only graphical representation	ations of a possible bearing conditions	on. Bearing symbols are	e not con	sidered in the structu	ıral
7) Web bracing show	n is for lateral support of ind	dividual web members only. Refer	to BCSI - Guide to Good	d Practice	e for Handling, Install	ling, WHATH CARO
Restraining & Brac 8) SEE BCSI-B3 SUM	ing of Metal Plate Connected	ed Wood Trusses for additional braces of the second s	acing guidelines, includi HORDS & WEB MEME	ng diagoi SERS EO	nal bracing. R RECOMMENDED	SEESSID Not
MINIMUM BRACIN	IG REQUIREMENTS OF T	OP CHORD, BOTTOM CHORD, A	ND WEB PLANES. IN	ADDITIO	N TO THESE MININ	UM OR THE
GUIDELINES, ALV	VAYS CONSULT THE PRO	JECT ARCHITECT OR ENGINEE	R FOR ADDITIONAL B	RACING	CONSIDERATIONS	SEAL
1) Dead + Eloor Live	dard (balanced): Lumber Increas	e=1.00. Plate Increase=1.00			1111	28147
Uniform Loads (plf)		- 1.00, 1 Iate III016a36- 1.00				A Share a l
Vert: 14-27 Concentrated Load	=-7, 1-13=-67 ls (lb)					AR
Vert: 12=-8	66					Man K. MUMM
						5/2/2024
CoWannieg on Verify 21	sign parameters and read not	es before use. This design is based only	upon parameters shown, a	nd is for an	individual building com	ponent to be installed and loaded

Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCUTT HILLS 417 ADA	AMS POINTE COURT ANGIER, NC
24-3417-F01	F108	Floor	2	1	Job Reference (optional)	# 48051
			Run: 8 430 s Feb 12	2021 Print	* 8 430 s Eeb 12 2021 MiTek Industries Inc.	Thu May 2 21:35:41 2024 Page 2

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Thu May 2 21:35:41 2024 Page 2 ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-HSoIsHvM1jgag0RrUmpOiiKdevnzMLNSgmcmEwzKQmG

LOAD CASE(S) Standard 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 14-27=-7, 1-13=-67 Concentrated Loads (lb) Vert: 12=-866 3) 1st Dead + Floor Live (unbalanced): 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=-866 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=-866 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=-866 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=-866



Job	Truss	Truss Type	Qty	Ply LO	T 0.0025 HONEYCUTT H	HILLS 417 ADAMS POINTE COURT ANGIER, N
24-3417-F01	F109	Floor	4	1	h Reference (antional)	# 48051
			Run: 8.430 s Feb 12	1 JO 2 2021 Print: 8.4 3kf9NOOC\0/in	ISO S Feb 12 2021 MiTek	/ Industries, Inc. Thu May 2 21:35:41 2024 Page ad0RrI ImpOiiKeivoOMI WSamomEwzKOm(
1-3-0				KISINOQOWJ	<u>1-5-14</u>	
1					,	Scale - 1:26
<u></u>	24-	2.4-	0.0	0.4 –		3x4 =
3x6 =	$3x4 \equiv$	3x4 =	$3x8 \equiv$	3x4 =		3x8 = 1.5x3 = 6
			- ⁴ T1			
					W3	W1 18
			B 1			
17 16	15	14	13 12		11	
3x4 3x4	4 = 3x4 =	3x4 =	1.5x3 3x4 =		3x6 =	3x4 3x4 = 3x4
1-6-0	40-0	6-6-0	9-1-8	11-7-8	13-2-14	14-7-6 15-10-14
1-6-0 Plate Offsets (X,Y) [7	2-6-0 7:0-1-8,Edge], [17:Edge,0-1-8		2-7-8	2-6-0	<u> </u>	<u> </u>
LOADING (psf)	SPACING- 1-4-0	CSI.	DEFL. in	(loc) l/de	fl L/d	PLATES GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.31	Vert(LL) -0.05	14 >99	9 480	MT20 244/190
BCLL 0.0	Rep Stress Incr YES	WB 0.45	Horz(CT) 0.01	14 - 93 10 n/	/a n/a	
BCDL 5.0	Code IRC2021/TPI2012	Matrix-SH				Weight: 81 lb FI = 20%F, 11%E
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	Structural w end vertical Rigid ceiling	vood sheathing direc s. g directly applied or (ctly applied or 6-0-0 oc purlins, except 6-0-0 oc bracing.
REACTIONS. (Ib/size) Max Up Max Gra	17=396/0-5-4 (min. 0-1-8) lift8=-409(LC 3) av 17=397(LC 3), 10=1095(LC	, 8=-347/0-8-0 (min. 0-1-8), 10 C 1)	0=1095/0-5-4 (min. 0-1-8	3)		
FORCES. (lb) - Max. 0 TOP CHORD 1-17=- BOT CHORD 15-16= WEBS 6-10=-	Comp./Max. Ten All forces : 393/0, 8-18=0/415, 7-18=0/4 =0/945, 14-15=0/1250, 13-14: 1064/0, 1-16=0/599, 2-16=-5	250 (lb) or less except when sh 14, 1-2=-505/0, 2-3=-1110/0, 3 =0/1042, 12-13=0/1042, 11-12: 37/0, 4-12=-452/0, 5-12=0/470	nown. -4=-1160/0, 4-5=-670/0, =0/291, 10-11=-1194/0, 9 9, 5-11=-790/0, 6-11=0/99	5-6=0/358, 9-10=-1204/ 54, 6-9=0/76	6-7=0/554 0 9, 7-9=-669/0	
 NOTES- (5-8) 1) Unbalanced floor live 2) Provide mechanical 3) Recommend 2x6 str be attached to walls 4) CAUTION, Do not et 5) Graphical bracing rethe member must be 6) Bearing symbols are design of the trust str 7) Web bracing shown Restraining & Bracir 8) SEE BCSI-B3 SUMM MINIMUM BRACING GUIDELINES, ALWA 	e loads have been considerer connection (by others) of trus ongbacks, on edge, spaced a at their outer ends or restrair rect truss backwards. presentation does not depict braced. only graphical representatio o support the loads indicated. is for lateral support of indivivi g of Metal Plate Connected V MARY SHEET- PERMANENT B REQUIREMENTS OF TOP AYS CONSULT THE PROJE	d for this design. Is to bearing plate capable of v at 10-0-0 oc and fastened to en- led by other means. the size, type or the orientation ns of a possible bearing condit dual web members only. Refer Vood Trusses for additional br "RESTRAING/BRACING OF C CHORD, BOTTOM CHORD, A CT ARCHITECT OR ENGINEE	vithstanding 100 lb uplift ach truss with 3-10d (0.1 n of the brace on the me ion. Bearing symbols are to BCSI - Guide to Good acing guidelines, includi CHORDS & WEB MEME NDD WEB PLANES. IN ER FOR ADDITIONAL B	at joint(s) ex 31" X 3") na mber. Symbo e not conside d Practice fo ng diagonal JERS FOR F ADDITION T RACING CC	ccept (jt=lb) 8=409. ils. Strongbacks to ol only indicates that ered in the structural r Handling, Installing bracing. RECOMMENDED O THESE MINIMUN ONSIDERATIONS.	it g, M
LOAD CASE(S) Standa	ard				The second se	SEAL 28147

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.

5/2/2024

Job	Truss	Truss Type		Qty	Ply LOT (.0025 HONEYCUT	FT HILLS 417 ADAI	MS POINTE COURT ANGIER, NO
24-3417-F01	F110	Floor		2	1) - f	1)	# 48051
			Run: 8.	430 s Feb 12	JOD F 2021 Print: 8.430	s Feb 12 2021 Mil	nal) Tek Industries, Inc.	Thu May 2 21:35:42 2024 Page 1
0-1-8			ID:2	(IGBL: C)d	III.CKT9NOQCVVJ	ycQDJ-leivig4aw	/_010RIAU22UKd	FVSpDJ8l502cVQLKnINZKQMF
1-3-0	1					1-4-14	4 .	, 1-0-8 ,0 ₁ 1 _Γ 8
H	1							Scale = 1:26.2
3x4 =								3x4 =
1.5x3 =	3x4 =	$3x4 \equiv$	$3x8 \equiv$		3x4 =		3x8 =	1.5x3 = 7
			+ <u>T1</u>					, •िन्
						W3		W1 B1 19 8
	r		B 1) Tri				
			_				\square	
	6 15		13 1 5v2 II	12 3×4 —		11 4×4 —	2×4 U	9 🖂 🕹
3x4 3	x4 —		1.5x5	384 —		484 —	3X4	3x4 — 3x4 ∥
<u> </u>	+ 4-0-0 2-6-0	6-6-0 2-6-0	9-1-8 2-7-8		<u>11-7-8</u> 2-6-0	13-1-1 1-6-6	14 <u> 14-6-6</u> 6 1-4-8	15-9-14
Plate Offsets (X,Y) [7	7:0-1-8,Edge], [17:Edge,0-1-	8]						
LOADING (psf)	SPACING- 1-4	0 CSI .	DEFL.	in	(loc) l/defl	L/d	PLATES	GRIP
TCDL 40.0	Lumber DOL 1.0	0 IC 0.30 0 BC 0.24	Vert(LI Vert(C	_) -0.05 T) -0.07	14 >999 14 >999	480 360	MT20	244/190
BCLL 0.0	Rep Stress Incr YE	S WB 0.44	Horz(C	ĊŤ) 0.01	10 n/a	n/a	Weight: 80	1b FT = 20%F 11%F
							Weight. 00	
LUMBER- TOP CHORD 2x4 SP	No.1(flat)		BRACI TOP C	ng- Hord	Structural woo	od sheathing di	rectly applied or	6-0-0 oc purlins, except
BOT CHORD 2x4 SP	No.1(flat) No.3(flat)		BOT C	HORD	end verticals.	lirectly applied	or 6-0-0 oc brac	ing
						incetty applied		ing.
REACTIONS. (Ib/size) Max Up) 17=390/0-7-14(min. 0-1- lift8=-403(LC 3)	8), 8=-341/0-8-0 (min. 0-1-8),	10=1085/0-5-4	(min. 0-1-	-8)			
Max Gr	av17=390(LC 3), 10=1085(L	.C 1)						
FORCES. (Ib) - Max. (Comp./Max. Ten All forces	250 (lb) or less except when s	hown.					
TOP CHORD 17-18= 6-7=0/	=-387/0, 1-18=-386/0, 8-19= /547	0/408, 7-19=0/407, 1-2=-503/0	, 2-3=-1098/0, 3	3-4=-1142/	0, 4-5=-645/0,	5-6=0/387,		
BOT CHORD 15-16=	=0/936, 14-15=0/1236, 13-14	=0/1021, 12-13=0/1021, 11-12	2=0/261, 10-11	=-1181/0, 9	9-10=-1187/0	7.0- 660/0		
WEBS 0-10	1055/0, 1-10-0/571, 2-10	529/0, 4-12-456/0, 5-12-0/47	5, 5-11769/0	, 0-11-0/91	17, 0-9-0/759,	7-9000/0		
NOTES- (5-8) 1) Unbalanced floor live	e loads have been consider	ed for this design.						
2) Provide mechanical	connection (by others) of tru	ss to bearing plate capable of	withstanding 1	00 lb uplift	at joint(s) exce	ept (jt=lb) 8=40	3.	
be attached to walls	at their outer ends or restrai	ned by other means.	each truss with	3-100 (0.1	31" X 3") naiis	. Strongbacks	to	
4) CAUTION, Do not en	rect truss backwards.	t the size, type or the orientatio	on of the brace	on the mer	mber Symbol	only indicates t	hat	
the member must be	e braced.				nber. Oymbor			
 Bearing symbols are design of the truss to 	e only graphical representation o support the loads indicated	ons of a possible bearing condi I.	ition. Bearing s	ymbols are	e not considere	ed in the structu	ural	
7) Web bracing shown	is for lateral support of indiv	idual web members only. Refe	r to BCSI - Gui	de to Good	Practice for H	landling, Install	ling,	
8) SEE BCSI-B3 SUM	MARY SHEET- PERMANEN	T RESTRAING/BRACING OF	CHORDS & W	es, includir EB MEMB	ERS FOR RE	acing. COMMENDED	MUNIT	Hiller
	G REQUIREMENTS OF TOP	CHORD, BOTTOM CHORD,		ANES. IN A	ADDITION TO	THESE MININ	UM WHATH C	AROIT
							IN BOFES	SIDN A THE
LOAD CASE(S) Stand	ard					the.	1000	Lei
						11 Internet	SEA	
						1111	201	" / #
							A SNOW	EER
							MARK Y	MORRININ
							"HALLOUGH	annum to
							5/2/	2024
XX7 · · · X7 · · · ·			1	1	1	1 11 111		

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.

Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCU	JTT HILLS 417 ADAMS PO	DINTE COURT ANGIER, NO			
24-3417-F01	F111	Floor	3	1	Inh Reference (antic	nal)	# 48051			
			Run: 8.430 s Feb 12	22021 Print	: 8.430 s Feb 12 2021 M	iTek Industries, Inc. Thu M	ay 2 21:35:42 2024 Page 1			
0.4.0			ID:XfGBr?_CJc	ttCkf9NO	QCWjycQDJ-leMg4d	w_o1oRIA022UKdFvsn	SJ7y5I?cvQLKnNzKQmF			
0-1-8						0.7.0 0.0.40	4.2.0 0.4.0			
H ⊨ 1-3-0							Scale = 1:24.4			
3x4 =										
1.5x3 =	3x4 =	3x8 =	3x4 =		3x4 =	4x8 =	1.5x3			
1	2	3	4 T1		5	6 7 ^{4x8}	8			
						W3 W4				
	í – F		B1	\$ [
18 17	16	15 14	1	3	12	2 11 40	9			
3x4 3x4	. = 3x4	= 1.5x3 3x4 =	= 3	x4 =	3>	$4 = 3x4 \parallel 4x6 =$	7x8			
						13-0-6				
		12-4-2				12-9-0 12-5-10 13-1-14	1/1_0_1/			
		12-4-2				0-1-8 0-3-6	1-8-0			
Plate Offsets (X,Y) [7:0	-3-0,Edge], [9:Edge,0-3-0],	[18:Edge,0-1-8]				0-3-6 0-1-8				
	SPACING 140	193	DEEI in	(loc)	l/defl l/d					
TCLL 40.0	Plate Grip DOL 1.00	TC 0.44	Vert(LL) -0.05	15 2	>999 480	MT20	244/190			
TCDL 10.0	Lumber DOL 1.00	BC 0.29	Vert(CT) -0.08	14 >	>999 360					
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	Horz(CT) 0.01	10	n/a n/a	Weight: 78 lb	FT = 20%F, 11%E			
			PRACINC							
TOP CHORD 2x4 SP No	o.1(flat)		TOP CHORD	Structura	al wood sheathing o	directly applied or 6-0-	0 oc purlins, except			
BOT CHORD 2x4 SP No	o.1(flat)			end vert	icals.	,				
WEBS 2X4 SP INC	0.3(liat)		BOT CHORD	Rigia ce	ling directly applied	or 6-0-0 oc bracing.				
REACTIONS. (lb/size)	18=415/0-7-14 (min. 0-1-8)	, 9=-834/0-8-0 (min. 0-1-8), 10	=2215/0-5-4 (min. 0-1-	-8)						
Max Uplift Max Grav	9=-871(LC 3) 18=415(LC 3), 10=2215(LC	1)								
FORCES. (Ib) - Max. Col TOP CHORD 18-19=-4	mp./Max. Ten All forces 2 .11/0 1-19=-410/0 1-2=-54:	50 (lb) or less except when sho 2/0_2-3=-1204/0_3-4=-1313/0	own. 4-5=-890/0 6-7=0/150	4						
BOT CHORD 16-17=0/	1010, 15-16=0/1383, 14-15	=0/1383, 13-14=0/1224, 12-13	=0/535, 11-12=-412/59	, 10-11=-	412/59, 9-10=-1504	1/0				
WEBS 7-10=-98	0/0, 7-9=0/1728, 1-17=0/61	6, 2-17=-572/0, 4-13=-408/0, 5	-13=0/434, 5-12=-710/	0, 6-12=0	/573, 6-10=-1608/0)				
NOTES- (6-9)										
1) Unbalanced floor live lo	bads have been considered	for this design.	thatanding 100 lb unlift	at ioint/a) avaant (it-lh) 0-9	71				
3) Load case(s) 1, 2, 3, 4	, 5, 6 has/have been modifie	ed. Building designer must revi	ew loads to verify that t	hey are c	correct for the intend	ded				
use of this truss.	abaaka on adaa anaaad at	10.0.0. as and fastaned to as	ab truce with 2 10d (0 1	21" V 2")	naila Stranghack	a to				
be attached to walls at	their outer ends or restraine	ed by other means.		51 \ \ 5)	Tialis. Stronyback	5 10				
5) CAUTION, Do not erec	t truss backwards.			mahan Cur	andra I. and the alternation	44				
the member must be b	raced.	ne size, type or the orientation	of the brace on the me	mber. Sy	mbol only indicates	Inal				
7) Bearing symbols are of	nly graphical representation	s of a possible bearing condition	on. Bearing symbols are	e not con	sidered in the struc	tural				
8) Web bracing shown is	for lateral support of individ	ual web members only. Refer to	o BCSI - Guide to Good	d Practice	e for Handling, Insta	Illina.				
Restraining & Bracing	of Metal Plate Connected W	ood Trusses for additional bra	cing guidelines, includi	ng diagor	nal bracing.	munning	Itu.			
9) SEE BCSI-B3 SUMMA MINIMUM BRACING R	RY SHEET- PERMANENT	RESTRAING/BRACING OF CI	HORDS & WEB MEMB	ADDITIO	R RECOMMENDEL N TO THESE MINI	MUMMBTH CAR	1 Martin			
GUIDELINES, ALWAY	S CONSULT THE PROJEC	T ARCHITECT OR ENGINEEI	R FOR ADDITIONAL B	RACING	CONSIDERATION	SOFESSIO	A III			
(DAD CASE(S) Standard										
1) Dead + Floor Live (bala	- anced): Lumber Increase=1.	.00, Plate Increase=1.00				SEAL				
Uniform Loads (plf)	1 8- 67					28147	1 5			
Concentrated Loads (II	b)									
Vert: 6=-735	a-1.00 Plate Increase-1.00	1				AD	al Sunt			
Uniform Loads (plf)		,				MINK K. MO	Institut.			
Vert: 9-18=-7,	1-8=-67						2.4			
						5/2/202	24			

Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCUTT HILLS 417 AD/	AMS POINTE COURT ANGIER, NC	
24-3417-F01	F111	Floor	3	1	Job Reference (optional)	# 48051	
	Dury 0,420 a. Eab 42,2024 Drink 0,420 a Eab 42,2024 MiTak Industrian Ind. Thu May 0,24/25/42,2024 Dave 2						

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Thu May 2 21:35:42 2024 Page 2 ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-leMg4dw_o1oRIA022UKdFvsnSJ7y5i?cvQLKnNzKQmF

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 0.0025 HONEYC	JTT HILLS 417 ADAMS POINTE COURT ANGIER, N			
24-3417-F01	F112	Floor	6	1	Job Reference (opti	onal) # 48051			
		1	Run: 8.430 s Feb 12 ID:XfGBr?_CJqtt	2021 Print Ckf9NOQ	: 8.430 s Feb 12 2021 N CWjycQDJ-leMg4dv	/iTek Industries, Inc. Thu May 2 21:35:42 2024 Page /_o1oRIA022UKdFvsmaJ715p1cvQLKnNzKQm			
0-1-8 H ⊢				0-7-2	9-6-12	<u> 0-10-8 </u> 0 ₁ 1 _Γ 8 Scale = 1:30			
$3x4 =$ $1.5x3 =$ 1 24 $3x4$ 23 22 $3x4 \parallel 3x4$	3x4 = 3x8 FP= $2 3$ 0 1 2 21 $3x4 =$	3x8 = 3x4 = 4 4 5 15x3 3x4 =	3x4 = 6 T2 18 3x4 =	W3 17 3x4 =	4x8 = 3x6 = 7 8 16 15 3x4 4x6 =	3x4 = 3x4 = 1.5x3 = 9 9 10 9 10 $3x4 = 3x8 FP = 3x4 = 3x4 $			
					13-1-14 13-0-6 12-9-0				
 		<u>12-4-2</u> 12-4-2		1	2-5-10 0-1-80-3-6	<u> </u>			
Plate Offsets (X,Y) [1	0:0-1-8,Edge], [23:Edge,0-1-	8]			0-3-60-1-8				
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr NO Code IRC2021/TPI2014	CSI. TC 0.49 BC 0.29 WB 0.37 Matrix-SH	DEFL. in Vert(LL) -0.05 Vert(CT) -0.08 Horz(CT) 0.01	(loc) 20 2 19 2 15	/defl L/d >999 480 >999 360 n/a n/a	PLATES GRIP MT20 244/190 Weight: 94 lb 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	Structura end verti Rigid ce	al wood sheathing icals. lling directly applie	directly applied or 6-0-0 oc purlins, except d or 6-0-0 oc bracing.			
REACTIONS. (Ib/size) Max Up Max Gra	23=407/0-7-14 (min. 0-1-8 ift11=-244(LC 3) v23=410(LC 3), 11=30(LC 4), 11=-125/0-8-0 (min. 0-1-8),), 15=1757(LC 1)	15=1/5//0-5-4 (min. 0-	1-8)					
FORCES. (lb) - Max. C TOP CHORD 23-24= 9-10=(BOT CHORD 21-22= 13-14= WEBS 8-15=-(6-17=)	Comp./Max. Ten All forces 2 -407/0, 1-24=-406/0, 1-2=-53)/289 0/997, 20-21=0/1358, 19-20= -675/0, 12-13=-675/0 530/0, 8-14=0/694, 9-14=-65 725/0, 7-17=0/581, 7-15=-16	250 (lb) or less except when sh 5/0, 2-3=-1185/0, 3-4=-1185/0 0/1358, 18-19=0/1186, 17-18= 1/0, 9-12=0/471, 10-12=-372/0 38/0	iown. , 4-5=-1281/0, 5-6=-846, =0/484, 16-17=-512/0, 1 , 1-22=0/608, 2-22=-564	/0, 7-8=0, 5-16=-51: /0, 5-18=	/1598, 8-9=0/1106 2/0, 14-15=-1598/0 -420/0, 6-18=0/44	,), 6,			
 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, 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 SEALUREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEALUREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEALUREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEALUREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEALUREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM SEALUREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION									
Concentrated Loads Vert: 7=-735	(lb)					5/2/2024			

Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCUTT HILLS 417 AD/	AMS POINTE COURT ANGIER, NC
24-3417-F01	F112	Floor	6	1	Job Reference (optional)	# 48051
			Run: 8.430 s Feb 12	2021 Print	: 8,430 s Feb 12 2021 MiTek Industries, Inc.	Thu May 2 21:35:43 2024 Page 2

In: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 Millek Industries, Inc. Thu May 2 21:35:43 2024 Page 2 ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-Drw3HzxcZKwlvKbEcBrso7PxKjTGqGHl845tJpzKQmE

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



00			iiu33		Thuss typ				QUY	, iy	LOT 0.0025 HONE		417 ADAINS FC		JURI ANGIER	., INC
24-3417-F0)1	F	=113		Floor Supp	orted Gable			1	1	Job Reference (optional)		# 4	8051	
								Run: 8.4 ID	30 s Feb 12 :XfGBr?_C	2021 Print: JqttCkf9N	8.430 s Feb 12 20 OQCWjycQDJ-D	21 MiTek Industr Drw3HzxcZKwlv	ies, Inc. Thu Ma vKbEcBrso7P	ay 2.21:3 26jXdqL	35:43 2024 Pa _dl845tJpzK0	ge 1 ⊋mE
0-	1-8 H														0-1-8	
															Scale = 1:3	30.1
														1.5x3	3	
1	.5x3		1.5x3												1.5x3	
1.	5x3 = 1.5	5x3	3x8 FP=	=1.5x3	1.5x3	1.5x3	3x4 =	1.5x3	1.5x3	1.5x3	3 1.5x3	1.5x3	1.5x3		1.5x3 =	
	1 2	т1	3 4	5	6	7	8	9	10	11	12	13	14	15	16	
0-0-1 33 ^B	S	9 T1	ST1	ST1	ST1	ST1	ST1 W2	ST1	ST1	e ST1	ST1	ST1	ST1	ST1	Bt 1 34	1-0-0
		<u>, x x x</u>			< X X X X X X		*****	XXXXX	XXXXX	XXXX	XXXXXXX	X X X X X X X X	(XXXXXX)	XXXX		
:	32 3	1	30	29	28	27	26	25	24	23	22	21 20	19	18	1/	
3	SX4 1.5	x3 ∥	1.5x3	1.5X3	1.5x3	1.5x3	1.5X3	3x4 =	1.5x3	1.5X3	3 1.5x3	3x8 FP	′= 1.5x3 ∣		3x4	
												1.5X3		1.5X3	5	

				18-1-14					
Plate Of	fsets (X,Y)	[8:0-1-8,Edge], [25:0-1-8,Edge], [32:E	dge,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. in 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
LUMBEI TOP CH BOT CH WEBS OTHER	R- IORD 2x4 SP IORD 2x4 SP 2x4 SP S 2x4 SP	BRACING- TOP CHORD BOT CHORD	Structu end ve Rigid c	ural wood rticals. ceiling dir	l sheathing di rectly applied	rectly applied or 6-(or 10-0-0 oc bracin	0-0 oc purlins, except g.		

18-1-14

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, 21, 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



000		11033		Truss Type		Q	יין איין ניין ני	01 0.0023 HONE FCC			JITT ANGLIN, NO
24-3	417-F01	F114		Floor Supported (Gable	1	1	Job Reference (optic	onal)	# 48	051
						Run: 8.430 s ID:Xf0	Feb 12 2021 Print: 8 GBr?_CJqttCkf9NC	8.430 s Feb 12 2021 M DQCWjycQDJ-Drw3	iTek Industries, Inc. 1 HzxcZKwIvKbEcBr	Thu May 2 21:35 so7P24jXdqLo	:43 2024 Page 1 0845tJpzKQmE
											0 ₁₁₇ 8
											Scale = 1:20.9
											1.5x3
	3x4	1.5x3	1.5x3	1.5x3		1.5x3	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3 =
	1	2	3	4	$5^{3x4} =$	6	7	8	9	10	11
		•	•	•		•	•	•	•	•	
0	3 11	ST1	ST1	ST1	ST1 V	2 ST1	ST1	ST1	ST1	ST1	23 c
		XXXXXXXXXX					$\sim\sim\sim\sim\sim\sim\sim\sim$	~~~~	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXX	
	22	21	20	19	18	17	16	15	14	13	12
	3x4	1.5x3	1.5x3	1.5x3	1.5x3	3x4 =	1.5x3	1.5x3	1.5x3	1.5x3	3x4

12-9-4									
r			12-9-4				1		
Plate Offsets (X,Y)	[1:Edge,0-1-8], [5:0-1-8,Edge], [17:0-	1-8,Edge], [22:Edge,0-1-8]						
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	(loc) l/det - n/a - n/a 12 n/a	fl L/d a 999 a 999 a n/a	PLATES MT20 Weight: 54 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) 2 No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural w end verticals Rigid ceiling	ood sheathing o s. I directly applied	directly applied or 6-0 d or 10-0-0 oc bracin)-0 oc purlins, except g.		

REACTIONS. All bearings 12-9-4.

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

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

NOTES- (6-9)

1) Gable requires continuous bottom chord bearing.

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



Job	Truss	Truss Type	C	ty Pl	y	LOT 0.0025 HC	NEYCUTT HI	LLS 417 ADAMS F	POINTE COURT	NGIER, NC
24-3417-F01	F115	Floor	5		1	Job Referenc	e (ontional)		# 4805.	1
			Run: 8.430	s Feb 12 20	021 Print	: 8.430 s Feb 12	2021 MiTek li I-Drw3Hzxc2	ndustries, Inc. Thu ZKwlyKbEcBrso7	May 2 21:35:43 2 Pz_iOzaDal845)24 Page 1
1-3-	0		10.71	001:_004		o do Mjy o do d			<u>1-4-0</u> 0	<u>1</u> -8
									Sca	le = 1:21.6
									4x4 =	
	3x4 =	3x4 =		3x8 =			3x4 =		1.5x3	8 =
$_1$ ^{3x6 =}	2	3	τ.	4			5		6	
				1						15 o
					\searrow	\sim				1
				•						l
	13	12	11	10		9		8	\triangleleft	
3x4	3x6 =	3x4 =	3x4 =	1.5x3		3x4 =		3x6 =	3x4	11
1-6-0	4-0-0	6-6-0		9-1-8			11-7-8		13-2-8	
Plate Offsets (X,Y)	2-6-0) [6:0-1-8,Edge], [14:Edge,0	-1-8]	· · · · · · · · · · · · · · · · · · ·	2-7-8			2-6-0	· · · · · · · · · · · · · · · · · · ·	1-7-0	
LOADING (psf)	SPACING- 2	-0-0 CSI .	DEFL.	in (loc) I	l/defl L/d		PLATES	GRIP	
TCLL 40.0	Plate Grip DOL	1.00 TC 0.32 1.00 BC 0.50	Vert(LL) Vert(CT)	-0.12	11 >	>999 480 >927 360		MT20	244/190	
BCLL 0.0	Rep Stress Incr	YES WB 0.53	Horz(CT)	0.03	7	n/a n/a		Waight: 66 lb	ET - 200/ [5 110/E
DODL 0.0			1				1	weight. 00 lb	FI-2070	, 1170⊑

BRACING-

LUMBER-

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

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

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

REACTIONS. (Ib/size) 14=713/0-5-4 (min. 0-1-8), 7=706/0-7-14 (min. 0-1-8)

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

TOP CHORD 1-14=-706/0, 7-15=-701/0, 6-15=-699/0, 1-2=-941/0, 2-3=-2181/0, 3-4=-2588/0, 4-5=-2205/0, 5-6=-994/0

BOT CHORD 12-13=0/1767, 11-12=0/2558, 10-11=0/2585, 9-10=0/2585, 8-9=0/1809

WEBS 1-13=0/1115, 2-13=-1009/0, 2-12=0/505, 3-12=-461/0, 4-9=-457/0, 5-9=0/483, 5-8=-996/0, 6-8=0/1114

NOTES- (3-6)

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

2) CAUTION, Do not erect truss backwards.

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

- 4) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
- 5) Web bracing shown is for lateral support of individual web members only. Refer to BCSI Guide to Good Practice for Handling, Installing, Restraining & Bracing of Metal Plate Connected Wood Trusses for additional bracing guidelines, including diagonal bracing.
- 6) SEE BCSI-B3 SUMMARY SHEET- PERMANENT RESTRAING/BRACING OF CHORDS & WEB MEMBERS FOR RECOMMENDED MINIMUM BRACING REQUIREMENTS OF TOP CHORD, BOTTOM CHORD, AND WEB PLANES. IN ADDITION TO THESE MINIMUM GUIDELINES, ALWAYS CONSULT THE PROJECT ARCHITECT OR ENGINEER FOR ADDITIONAL BRACING CONSIDERATIONS.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCUTT HILLS 417 ADAM	S POINTE	COURT ANGIER, NO
24-3417-F01	F116	Floor	3	1	Job Reference (optional)	#	48051
		Run: 8.43 ID:XfGI	30 s Feb 12 3r?_CJqtt(2021 Print Ckf9NOQ	: 8.430 s Feb 12 2021 MiTek Industries, Inc. Th CWjycQDJ-h1URVJyFKe29XTAQAvN5K	iu May 22 Ky8D7jpZ	21:35:44 2024 Page 1 2fJvMkqQrFzKQmD
1-3-0						<u> </u>	<u>2</u> 0 ₁ 18
							Scale = 1:23.3



<u> </u>	<u> </u>	6-6-0 2-6-0	9-1-8 2-7-8	<u>11-7-8</u> 2-6-0	<u>13-11-10</u> <u>14-2-</u> 10 <u>2-4-2</u> 0-3-0
Plate Offsets (X,Y)	[15:Edge,0-1-8], [16:0-1-8,0-0-8	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 0.36 BC 0.59 WB 0.58 Matrix-SH	DEFL. in (loc) Vert(LL) -0.16 11-12 Vert(CT) -0.22 11-12 Horz(CT) 0.04 8	I/defi L/d >999 480 >753 360 n/a n/a	PLATES GRIP MT20 244/190 Weight: 71 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 S BOT CHORD 2x4 S	P No.1(flat) P No.1(flat)		BRACING- TOP CHORD Struct	tural wood sheathing c erticals	lirectly applied or 6-0-0 oc purlins, except

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

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

REACTIONS. (lb/size) 15=768/0-5-4 (min. 0-1-8), 8=762/0-8-0 (min. 0-1-8)

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

TOP CHORD 1-15=-761/0, 1-2=-1027/0, 2-3=-2425/0, 3-4=-2992/0, 4-5=-2765/0, 5-6=-1743/0

BOT CHORD 13-14=0/1933, 12-13=0/2881, 11-12=0/3075, 10-11=0/3075, 9-10=0/2439, 8-9=0/1008

WEBS 1-14=0/1218, 2-14=-1106/0, 2-13=0/600, 3-13=-556/0, 4-10=-372/0, 5-10=0/398, 5-9=-850/0, 6-9=0/897, 6-8=-1239/0

NOTES-(3-6)

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

CAUTION, Do not erect truss backwards

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

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

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

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	' F	Ply	LOT 0.0025 HONEYC	UTT HILLS 417 ADAMS POINTE COURT	ANGIER, NO
24-3417-F01	F117	FLOOR	1		2	lah Dafaranaa (anti	# 4805	1
			Run: 8.430 s	Feb 12 2	2021 Print:	8.430 s Feb 12 2021 N	MiTek Industries, Inc. Thu May 2 21:35:44	2024 Page 1
120			ID:XfGBr?_C	JqttCki	19NOQC	WjycQDJ-h1URVJył	-Ke29XTAQAVN5KKyAn7ho2bxvMkq	Qr⊢zKQm⊔ ∘
1-3-0								-8
							Sc	ale = 1:26.8
		T JOINT 10 SPACED AT 4"						
6746LACE 1 SDW	SCREWS CEN BLORED A	NG報利型TOP C料の用力	4x6		4x6	4	x6 3x6 6x8 = 6x6 =	
1 PLACE 1 SDW	SCREW EVERY 48" ALC	NG THE BOTTOM CHORD	6 7	то	8	g	9 10 11 12	
				13		T4		[
				\square				1 9
					B3			7 9
								.9.
23 22	21	20 19	18	1	7	16	15 14 13	
3x6 6x6 =	= 5x6	6x8 =	4x6			4x6	6x10 = 6x8 = 5x5	
		3x8 FP=	3	3x8 MT	20HS FP	=		
							14-8-10	
		14-2-10					14-4-2 15-2-10 16-2-10	
		1					0-4-8	
Plate Offsets (X,Y) [11	:0-1-8,Edgej, [13:0-1-8,Edge	<u>}</u>					1	
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL.	in	(loc) l	/defl L/d	PLATES GRIP	
TCLL 40.0	Plate Grip DOL 1.00	IC 0.26 BC 0.71	Vert(LL) -	-0.09 1 -0.30	8-19 >	•999 480 •634 360	MT20 244/190 MT20HS 187/143	
BCLL 0.0	Rep Stress Incr NO	WB 0.86	Horz(CT)	0.05	13	n/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH					Weight: 258 lb FT = 20%	F, 11%E
LUMBER-			BRACING-					
TOP CHORD 2x4 SP No	o.1(flat)		TOP CHOR	DS	Structura	al wood sheathing	directly applied or 6-0-0 oc purlins	except
WEBS 2x4 SP No	o.3(flat)		BOT CHOR	DF	Rigid cei	ling directly applie	d or 10-0-0 oc bracing, Except:	
			2)	6	6-0-0 oc	bracing: 13-14.	<u> </u>	
REACTIONS. (Ib/size)	23=1399/0-10-10 (min. 0-1	-8), 13=4951/0-7-4 (min. 0-1-4	8)					
FORCES. (Ib) - Max. Co	omp./Max. Ten All forces 2	50 (lb) or less except when sh	own.					
TOP CHORD 1-23=-13 7-8=-104	373/0, 12-13=-4941/0, 1-2=-: 560/0_8-9=-11492/0_9-10=-	2297/0, 2-3=-5960/0, 3-4=-596 11222/0_10-11=-10965/0_11-	50/0, 4-5=-8774/0, ± 12=-5288/0	5-6=-8	774/0, 6	-7=-10560/0,		
BOT CHORD 21-22=0	/4371, 20-21=0/7504, 19-20	=0/7504, 18-19=0/9869, 17-18	3=0/11233, 16-17=0	0/1123	3, 15-16	6=0/11633,		
14-15=0	1/5285	2410/0 2 21-0/1952 4 21- 1	901/0 4 10-0/146	2 6 10)- 1 <u>261</u>	10 6 19-0/906		
8-18=-78	85/0, 8-16=0/302, 9-15=-467	//0, 11-15=0/7218, 10-15=-443	86/0, 12-14=0/7101	5, 0-18	91201	0, 0-18-0/800,		
1) Fasten trusses togethe	er to act as a single unit as r	per standard industry detail. or	loads are to be eve	enlv ar	oplied to	all plies.		
2) All plates are MT20 pl	ates unless otherwise indica	ted.		, ,				
3) Load case(s) 1, 2 has/	/have been modified. Buildin	g designer must review loads	to verify that they a	are cori	rect for t	he intended use o	fthis	
4) Recommend 2x6 stror	ngbacks, on edge, spaced at	t 10-0-0 oc and fastened to ea	ach truss with 3-10	d (0.13	31" X 3")	nails. Strongback	as to	
be attached to walls at	t their outer ends or restraine	ed by other means.						
6) Graphical bracing repr	resentation does not depict t	he size, type or the orientation	of the brace on the	e mem	nber. Syr	nbol only indicates	s that	
the member must be b	praced.							
 Bearing symbols are c design of the truss to s 	only graphical representation	s of a possible bearing conditi	on. Bearing symbo	ls are	not cons	sidered in the struc	ctural	
8) Web bracing shown is	for lateral support of individ	ual web members only. Refer	to BCSI - Guide to	Good	Practice	for Handling, Insta	alling,	
Restraining & Bracing	of Metal Plate Connected W	lood Trusses for additional bra	acing guidelines, in	Cludin	g diagor	al bracing.	D WINGTH CARO	
MINIMUM BRACING	REQUIREMENTS OF TOP (CHORD, BOTTOM CHORD, A	ND WEB PLANES	EIVIDE		N TO THESE MIN	INUM OFESSION	
GUIDELINES, ALWAY	YS CONSULT THE PROJEC	T ARCHITECT OR ENGINEE	R FOR ADDITION	AL BR	ACING	CONSIDERATION	15 Part Age	
LOAD CASE(S) Standar	d						SEAL	
1) Dead + Floor Live (bal	lanced): Lumber Increase=1	.00, Plate Increase=1.00					28147	
Uniform Loads (plf)	0 1-12=-100							
Concentrated Loads (I	lb)						THAN WOINEER S	
Vert: 10=-460	0 0-1.00 Plata Incressed 01)					MARK K MORRAN	
2) Deau. Lumber Increas	be-1.00, Flate increase=1.00	J					White Contraction of the second second	
							5/2/2024	
Continuined on Viewie 21 esign	n parameters and read notes be	fore use. This design is based only	upon parameters show	wn, and	l is for an	individual building co	omponent to be installed and loaded	
B								

Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCUTT HILLS 417	ADAMS POINTE COURT ANGIER, NO
24-3417-F01	F117	FLOOR	1	2	Job Reference (optional)	# 48051
			Run: 8.430 s Feb 12 ID:XfGBr?_CJqttC	2 2021 Print kf9NOQC	t: 8.430 s Feb 12 2021 MiTek Industries, WjycQDJ-h1URVJyFKe29XTAQAv	Inc. Thu May 2 21:35:44 2024 Page 2 N5KKyAn7hoZbxvMkqQrFzKQmD

LOAD CASE(S) Standard Uniform Loads (plf) Vert: 13-23=-10, 1-12=-100 Concentrated Loads (lb) Vert: 10=-4600

> SEAL 28147 5.0 2004

5/2/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0025 HONEYCU	TT HILLS 417 ADAMS	POINTE COURT ANGIER, NC
24-3417-F01	F118	Floor	5		1		# 48051
<u> 1-3-0 </u>			Run: 8.430 s Fe ID:XfGBr?_C	ib 12 2021 Pri qttCkf9NOC	ISO Kelerence (option 18.430 s Feb 12 2021 Mi QCWjycQDJ-h1URVJyF	Tek Industries, Inc. Thu Ke29XTAQAvN5KKy	May 2 21:35:44 2024 Page 1 '4c7fYZd1vMkqQrFzKQmD 011_8 Scale = 1:28.3
4x6 = 1 $4x6$ $4x6$ 1 $4x6$ 1 $4x6$	4x4 = 3x8 FP =	3x4 = 3x8 = 4 4 5 17 16 $3x4 = 1.5x3 \parallel$	15 3x4 =	$3x4 = \frac{3}{12}$	3x4 = 7 • • 14 13 3x4 = 3x8 MT20HS F	1.5x3 3x8 8 9 B2 12 P= 3x10 =	$ \begin{array}{c} 1.5x3 \\ = 1.5x3 = \\ 10 \\ \hline 10 \\ \hline 0 \\ \hline \hline \hline \hline 0 \\ \hline \hline \hline \hline 0 \\ \hline \hline$
<u>1-6-0</u> <u>1-6-0</u> Plate Offsets (X,Y) [1	4-0-0 2-6-0 I:Edge,0-1-8], [20:Edge,0-1-8	6-6-0 9-1-8 2-6-0 2-7-8], [21:0-1-8,0-0-8]	1 2	<u>1-7-8</u> -6-0	+	<u>16-11-10</u> 5-4-2	<u>17;2</u> 10 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 0.59 BC 0.86 WB 0.73 Matrix-SH	DEFL. Vert(LL) -0 Vert(CT) -0 Horz(CT) 0	in (loc) .34 15-16 .47 15-16 .07 11	l/defi L/d >592 480 >431 360 n/a n/a	PLATES MT20 MT20HS Weight: 86 lb	GRIP 244/190 187/143 • FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP	No.1(flat) No.1(flat) No.3(flat)	44,007/0,0,0,(with 0,4,0)	BRACING- TOP CHORD BOT CHORD	Structu end ve Rigid c	iral wood sheathing d rticals. eiling directly applied	irectly applied or 5- or 10-0-0 oc bracir	7-10 oc purlins, except ng.
FORCES. (lb) - Max. (lb/size) TOP CHORD 1-20=- 8-9=-2 BOT CHORD 18-19= 1-19=(7-12=-	20=933/0-5-4 (min. 0-1-8) Comp./Max. Ten All forces : 925/0, 1-2=-1285/0, 2-3=-31 565/0 -0/2425, 17-18=0/3841, 16-1)/1523, 2-19=-1392/0, 2-18=0 1002/0, 9-12=0/1224, 9-11=-	, 11=927/0-8-0 (min. 0-1-8) 250 (lb) or less except when showi 51/0, 3-4=-3151/0, 4-5=-4186/0, 5- 7=0/4515, 15-16=0/4515, 14-15=0 //886, 4-18=-842/0, 4-17=0/421, 5- 1758/0	n. 6=-4451/0, 6-7=- /4359, 13-14=0/3 .17=-395/0, 6-14=	3895/0, 7-8 398, 12-13 :-566/0, 7-1	=-2565/0, =0/3398, 11-12=0/154 !4=0/607,	46	
NOTES- (4-7) 1) All plates are MT20 2) Recommend 2x6 str be attached to walls 3) CAUTION, Do not er 4) Graphical bracing re the member must be 5) Bearing symbols are design of the truss tr 6) Web bracing shown Restraining & Bracir 7) SEE BCSI-B3 SUMM MINIMUM BRACING GUIDELINES, ALWA	plates unless otherwise indic ongbacks, on edge, spaced a at their outer ends or restrair rect truss backwards. presentation does not depict braced. only graphical representatio o support the loads indicated. is for lateral support of indiving of Metal Plate Connected MARY SHEET- PERMANENT GREQUIREMENTS OF TOP AYS CONSULT THE PROJE	ated. at 10-0-0 oc and fastened to each ned by other means. the size, type or the orientation of ns of a possible bearing condition. dual web members only. Refer to E Wood Trusses for additional bracin FRESTRAING/BRACING OF CHO CHORD, BOTTOM CHORD, AND CT ARCHITECT OR ENGINEER F	truss with 3-10d the brace on the Bearing symbols 3CSI - Guide to G ng guidelines, inc 2RDS & WEB ME WEB PLANES. FOR ADDITIONA	(0.131" X 3 member. S are not co ood Practio uding diag MBERS F(IN ADDITI L BRACING	") nails. Strongbacks ymbol only indicates nsidered in the struct ce for Handling, Instal onal bracing. DR RECOMMENDED ON TO THESE MININ G CONSIDERATIONS	to that ural ling, MUM S.	111.000
LOAD CASE(S) Standa	ard					PROFESSI SEAL 28147	



00	Truss	Truss Type		QUY	FIY	LOT 0.0025 H		L5 417 ADAM	IS POINTE CO	JURT ANGIER, NU
24-3417-F01	F119	Floor Supported Gable		1	1	Job Referen	ce (optional)		# 4	8051
			Run: 8.4 ID:	30 s Feb 12 XfGBr?_C	2 2021 Print JqttCkf9N	t: 8.430 s Feb 1. OQCWjycQD	2 2021 MiTek Ind J-9D2pifyt5yA	dustries, Inc. T 09dldjcuKtYU	hu May 221: JOZWC5IF62	35:45 2024 Page 1 2bOa_NhzKQmC
										0 ₁ 1-8
										Scale = 1:28.3
	1 5x3 II									1 5v3
3x4 1.5x3	3x8 FP=1.5x3	1.5x3 1.5x3	3x4 = 1.5x3	1.	5x3	1.5x3	1.5x3	1.5x3	1.5x3	1.5x3 =
1 2 1 T1	3 4 5	6 7	8 9	T2 1	10	11	12	13	14	15
		9 9 1 9 1			е 111	e ST1	9 ST1	e ST1	e ST1	- - - - - - - - - - - - - - - - - - -
					1''' 			_ 6	B2 6	
		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	xxXXxxXXX	XXXX	XXXX		XXXXXX	XXXXXX		
30 29	28 27	26 25	24 23	2	22	21	20 19	18	17	16
3x4 1.5x3	1.5x3 1.5x3	1.5x3 1.5x3	1.5x3 3x4 =	= 1.	5x3	1.5x3	3x8 F	P=	1.5x3	3x4
							1.5x3	1.5x3		

L					17	-2-8						
					17	-2-8						1
Plate Of	fsets (X,Y)	[1:Edge,0-1-8], [8:0-1-8,E	dge], [23:0-1-8,	,Edge], [30	0:Edge,0-1-8]							
LOADING 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/TP	2-0-0 1.00 1.00 YES 1/2014	CSI. TC BC WB Matrix-	0.06 0.01 0.03 -SH	DEFL. Vert(LL) Vert(CT) Horz(CT)	in n/a n/a 0.00	(loc) - - 16	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
LUMBER TOP CH BOT CH WEBS	R- ORD 2x4 SF ORD 2x4 SF 2x4 SF	? No.1(flat) ? No.1(flat) ? No.3(flat)				BRACING- TOP CHOF BOT CHOF	RD RD	Structu end ver Rigid ce	ral wood ticals. eiling dire	sheathing di ectly applied	irectly applied or 6-0 or 10-0-0 oc bracing)-0 oc purlins, except g.

. . . .

OTHERS 2x4 SP No.3(flat)

REACTIONS. All bearings 17-2-8.

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

NOTES- (6-9)

1) Gable requires continuous bottom chord bearing.

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





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 0.04 Matrix-P	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	n (loc) l/defi L/d n n/a 999 n n/a 999 n 4 n/a n/a	PLATES GRIP MT20 244/190 Weight: 12 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF	2 No.1(flat) 2 No.1(flat) 2 No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly applie	directly applied or 1-7-14 oc purlins, except

OTHERS 2x4 SP No.3(flat)

REACTIONS. (lb/size) 5=74/1-7-14 (min. 0-1-8), 4=74/1-7-14 (min. 0-1-8)

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

NOTES-(6-9)

1) Gable requires continuous bottom chord bearing.

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

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

4) 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.

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





NOTES- (6-9)

1) Gable requires continuous bottom chord bearing.

- 2) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).
- 3) Gable studs spaced at 1-4-0 oc.
- 4) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 2 lb uplift at joint 4.
- 5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.
- 6) Graphical bracing representation does not depict the size, type or the orientation of the brace on the member. Symbol only indicates that the member must be braced.
- 7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.
- 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



		, i i y		VIS POINTE COURT ANGIER, NO
24-3417-F01 F122 Floor Supported Gable	1	1	Job Reference (optional)	# 48051

n: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Thu May 2 21:35:45 2024 Page 1 ID:XfGBr?_CJqttCkf9NOQCWjycQDJ-9D2pifyt5yA09dldjcuKtYUOZWC5IF62bOa_NhzKQmC

Scale = 1:13.8



	1				7	7-7-4						1
						7-7-4						
Plate Offsets (X,Y) [1:E	Edge,0-1-8], [3:0-1-8,	Edge], [11:0-1-8	3,Edge], [14:E	Edge,0-1-8]							
		Q <i>i</i> H L <i>i</i>	0.1/1									
LOADING (psf)	SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL 40.0	ý	Plate Grip DOL	1.00	TC 0.0	.06	Vert(LL)	n/a	` <u>-</u> ́	n/a	999	MT20	244/190
TCDL 10.0)	Lumber DOL	1.00	BC 0.0	.01	Vert(CT)	n/a	-	n/a	999		
BCLL 0.0)	Rep Stress Incr	YES	WB 0.0	.03	Horz(CT)	-0.00	8	n/a	n/a		
BCDL 5.0)	Code IRC2021/T	PI2014	Matrix-P	,	. ,					Weight: 35 lb	FT = 20%F, 11%E
LUMBER-					I	BRACING-				I		
TOP CHORD	2x4 SP N	o 1(flat)				TOP CHO	RD	Structu	ral wood	l sheathing di	irectly applied or 7-7	-4 oc purlins except
BOT CHORD	2x4 SP N	p.1(flat)						end ver	ticals.	eneuing u		i ee painie, except
WEBS	2x4 SP No	o.3(flat)				BOT CHO	RD	Rigid co	eiling dir	ectly applied	or 10-0-0 oc bracing	J.
OTHERS	2x4 SP No	o.3(flat)						-	2			-

REACTIONS. All bearings 7-7-4.

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

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





	18/	DE	
ւս	ועו	DE	-71

LOWIDER	
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
 Structural wood sheathing directly applied or 3-11-14 oc purlins, except end verticals.

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

REACTIONS. All bearings 3-11-14.

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

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.

- 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





			11-11-14		
			11-11-14		1
Plate Offsets (X,Y)	[5:0-1-8,Edge], [15:0-1-8,Edge], [20:E	dge,0-1-8]			
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. ir	n (loc) l/defl L/d	PLATES GRIP
TCLL ÄO.Ó	Plate Grip DOL 1.00	TC 0.06	Vert(LL) n/a	a`-´n/a 999	MT20 244/190
TCDI 10.0	Lumber DOI 1.00	BC 0.01	Vert(CT) n/a	a - n/a 999	
BCLL 0.0	Ren Stress Incr YES	WB 0.03	Horz(CT) 0.00) 11 n/a n/a	
BCDI 5.0	Code IBC2021/TPI2014	Matrix-SH	1012(01) 0.00		Weight: 50 lb ET = 20%E 11%E
0.0					
LUMBER-			BRACING-		
TOP CHORD 2x4 S	P No.1(flat)		TOP CHORD	Structural wood sheathing d	lirectly applied or 6-0-0 oc purlins, except
BOT CHORD 2x4 S	P No.1(flat)			end verticals.	······, -·····
WEBS 2x4 SP No 3(flat)		BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.		

11 11 14

OTHERS 2x4 SP No.3(flat)

REACTIONS. All bearings 11-11-14.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 20, 11, 19, 18, 17, 16, 15, 14, 13, 12

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
- 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 0.0025 HONEYCUTT HILLS 417 AD	AMS POINTE COURT ANGIER, NO
24-3417-F01	F125	Floor	5	1	Job Reference (optional)	# 48051
			Run: 8.430 s Feb 12 ID:XfGBr?_CJqttC	2021 Print kf9NOQC	t: 8.430 s Feb 12 2021 MiTek Industries, Inc. CWjycQDJ-dQbBw_zVsFItmnKpHKPZF	Thu May_2 21:35:46 2024_Page 1 PI1V?wST1bUCq2JXw8zKQmE

```
0-1-8
```

1-3-0 ΗF

0-5-12 Scale = 1:20.2

12-4-4



	1-0-0	4-0-0	0-0-0	5-1-6	11-7-0
	1-6-0	2-6-0	2-6-0	2-7-8	2-6-0 0-8-12
Plate O	ffsets (X,Y) [14	4: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 0.27 BC 0.45 WB 0.47 Matrix-SH	DEFL. in (loc) l/defl L/d Vert(LL) -0.09 11 >999 480 Vert(CT) -0.13 11 >999 360 Horz(CT) 0.03 7 n/a n/a	PLATES GRIP MT20 244/190 Weight: 63 lb FT = 20%F, 11%E
LUMBE TOP CH	R- 10RD 2x4 SP N	Jo.1(flat)		BRACING- TOP CHORD Structural wood sheathing (directly applied or 6-0-0 oc purlins, except

9-1-8

6-6-0

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

1_6_0

end verticals

11_7_8

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

REACTIONS. (lb/size) 14=659/0-7-14 (min. 0-1-8), 7=666/0-5-4 (min. 0-1-8)

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

4-0-0

TOP CHORD 14-15=-654/0, 1-15=-653/0, 6-7=-668/0, 1-2=-870/0, 2-3=-1973/0, 3-4=-2251/0, 4-5=-1715/0, 5-6=-414/0

BOT CHORD 12-13=0/1625, 11-12=0/2284, 10-11=0/2182, 9-10=0/2182, 8-9=0/1238

WEBS 1-13=0/990, 2-13=-922/0, 2-12=0/424, 3-12=-380/0, 4-9=-561/0, 5-9=0/583, 5-8=-1006/0, 6-8=0/728

NOTES-(3-6)

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

CAUTION, Do not erect truss backwards

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

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

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

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

LOAD CASE(S) Standard

