# 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 #: 59844 JOB: 25-4772-F02 JOB NAME: LOT 0.0039 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. *26 Truss Design(s)* 

Trusses:

F201, F202, F203, F204, F205, F206, F207, F208, F210, F211, F212, F213, F214, F215, F216, F217, F218, F219, F220, F222, F223, F227, F228, F229, F230, F231



My license renewal date for the state of North Carolina is 12/31/2025

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

Job	Truss	Truss Type	Qty	Ply	LOT 0.0039 HONEYCUT	T HILLS   228 SHELBY MEA	DOW LANE ANGIER, N
25-4772-F02	F201	Floor Supported Gable	1	1	Job Reference (option	al)	# 59844
			Run: 8.630 s Ju	   12 2024 Pri  )2fwcp2aK	nt: 8.630 s Jul 12 2024 MiT	ek Industries, Inc. Mon Jun DUYI6WGsaOzxQVRo5k	2 23:19:05 2025 Page 1
0 <sub>11</sub> 8				Jziwopzai	q210000-17111070000	011000000220011001	
11							Scale: 1/2"=1
							Scale: 1/2 = 1
1 2	3	4 5 6 <sup>3x4</sup>	= 7 7	8	9	10 11	12 13
	•			•	•	•	<u> </u>
2∂7 ζ- Β 	ST1	ST1 ST1 ST1	VV2 ST1	ST1	ST1	ST1 ST1	ST1 W1
	•	0 0	B1		•	•	
	•••••			<u> </u>			
26 25 3x4	24	23 22 21	20 3x4 =	19	18	17 16	15 14
			UX I				
I			15-1-14				1
Plate Offsets (X,Y) [6:0	0-1-8.Edael. [20:0-1-8.Ed	lae]. [26:Edae.0-1-8]	15-1-14				
LOADING (psf)		0-0 <b>CSI</b> .	DEFL. i	n (loc)	l/defl L/d	PLATES GR	IR
TCLL 40.0	Plate Grip DOL 1	.00 TC 0.06	Vert(LL) n/		n/a 999		1 <b>P</b> 1/190
TCDL 10.0 BCLL 0.0		.00 BC 0.01 ES WB 0.03	Vert(CT) n/ Horz(CT) 0.0		n/a 999 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2		1012(01) 0.0		ina ina	Weight: 66 lb	FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N			TOP CHORD	Structur end ver		ectly applied or 6-0-0 o	oc purlins, except
WEBS 2x4 SP N	o.3(flat)		BOT CHORD		iling directly applied o	or 10-0-0 oc bracing.	
OTHERS 2x4 SP N	0.3(flat)						

**REACTIONS.** All bearings 15-1-14.

(lb) - Max Uplift All uplift 100 lb or less at joint(s) 14

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

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

NOTES- (8-9)

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

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

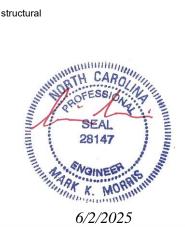
4) Gable studs spaced at 1-4-0 oc.

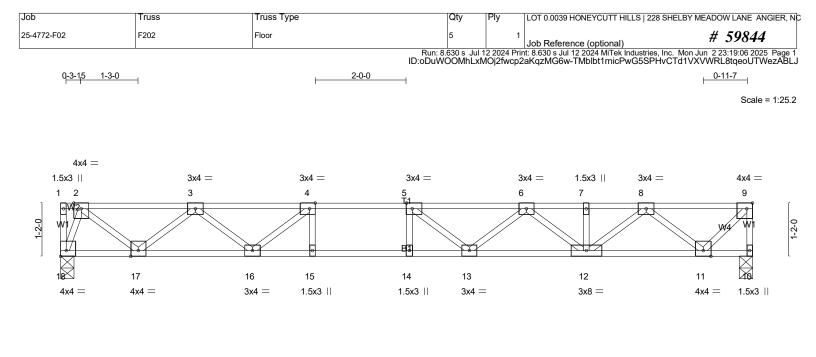
- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 14.
- 6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

7) CAUTION, Do not erect truss backwards.

- 8) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.
- 9) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

## LOAD CASE(S) Standard





<u> </u>	<u>5-6-15</u> 5-6-15	6-6-15 7-6-15	<u>15-1-14</u> 7-6-15	
Plate Offsets (X,Y)	[4:0-1-8,Edge], [5:0-1-8,Edge], [9:0-1	-8,Edge], [18: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.         DEFL.           TC         0.51         Vert(LL           BC         0.66         Vert(C'           WB         0.49         Horz(C           Matrix-SH         Horz(C')         Horz(C')	ŕ) -0.27 13-14 >669 360	PLATES         GRIP           MT20         244/190           Weight: 76 lb         FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF		BRACII TOP CI BOT CI	HORD Structural wood sheathing di end verticals.	rectly applied or 6-0-0 oc purlins, except or 10-0-0 oc bracing.

REACTIONS. (lb/size) 10=827/0-3-6 (min. 0-1-8), 18=827/0-3-8 (min. 0-1-8)

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

TOP CHORD 9-10=-824/0, 2-3=-1131/0, 3-4=-2345/0, 4-5=-2901/0, 5-6=-2836/0, 6-7=-2148/0, 7-8=-2148/0, 8-9=-712/0

BOT CHORD 17-18=0/344, 16-17=0/1879, 15-16=0/2901, 14-15=0/2901, 13-14=0/2901, 12-13=0/2666, 11-12=0/1562

WEBS 4-15=-46/261, 4-16=-806/0, 3-16=0/606, 3-17=-974/0, 2-17=0/1024, 2-18=-981/0, 5-13=-373/158, 6-13=0/341, 6-12=-660/0, 8-12=0/749, 8-11=-1106/0, 9-11=0/1020

NOTES- (3-4)

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

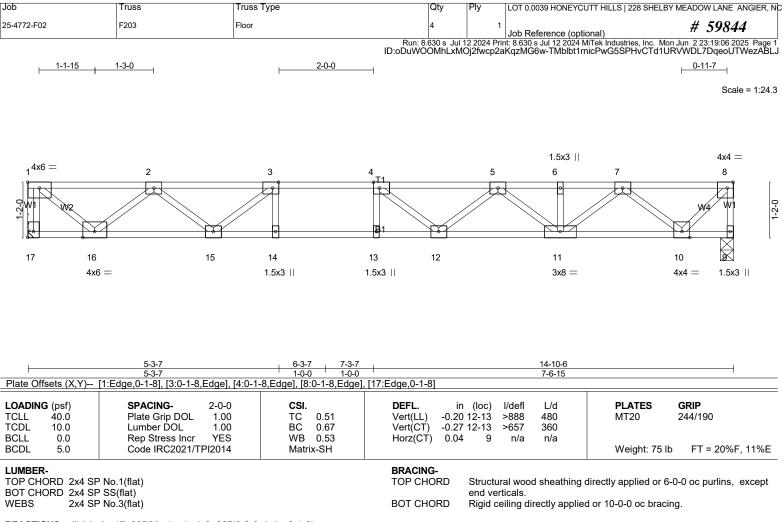
2) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

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

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.

LOAD CASE(S) Standard





**REACTIONS.** (lb/size) 17=807/Mechanical, 9=807/0-3-6 (min. 0-1-8)

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

TOP CHORD 1-17=-806/0, 8-9=-805/0, 1-2=-864/0, 2-3=-2148/0, 3-4=-2741/0, 4-5=-2722/0, 5-6=-2081/0, 6-7=-2081/0, 7-8=-694/0

BOT CHORD 15-16=0/1663, 14-15=0/2741, 13-14=0/2741, 12-13=0/2741, 11-12=0/2578, 10-11=0/1520

WEBS 3-14=-24/276, 3-15=-835/0, 2-15=0/630, 2-16=-1041/0, 1-16=0/1112, 4-12=-325/191, 5-12=0/313, 5-11=-635/0, 7-11=0/716, 7-10=-1075/0, 8-10=0/994

NOTES- (5-6)

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

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

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

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

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

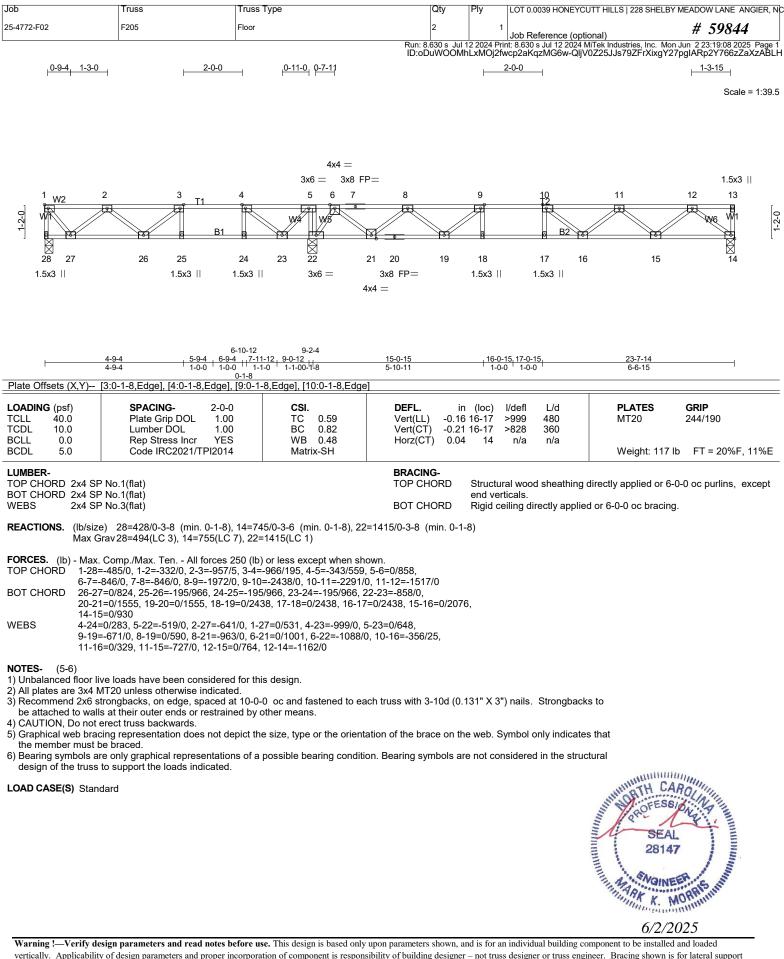
6) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

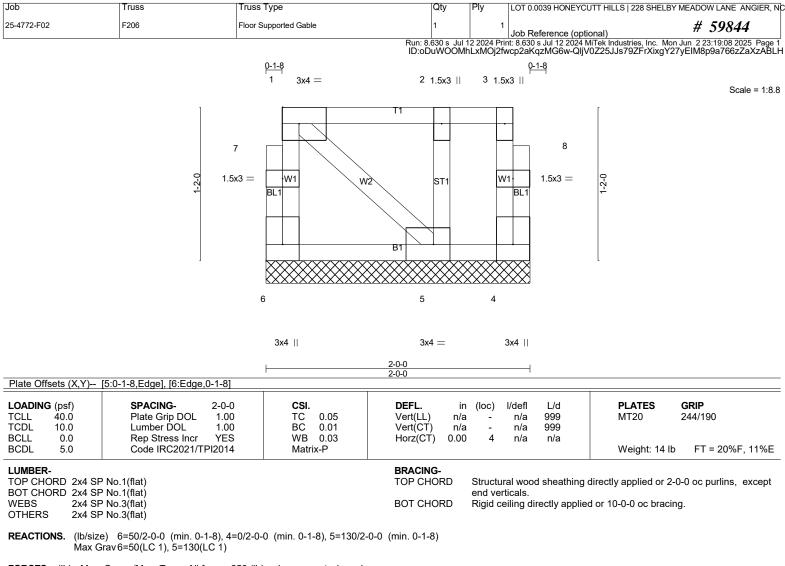
LOAD CASE(S) Standard



	Truss	Truss Type	Qty	Ply	LOT 0.0039 HONEYCU	JTT HILLS   228 SHELB	Y MEADOW LANE ANGIER, N
5-4772-F02	F204	Floor	3		1		# 59844
			Run: 8.630 s Ju	   12 2024 P	Job Reference (option rint: 8.630 s Jul 12 2024 M	ITek Industries, Inc. Mc	on Jun 2 23:19:07 2025 Page 1
<u>1-0-12 1-3-0</u>	2-0-0	<u>0-11-0</u> 0-7-11	ID:oDuwOOMh	2-0-0		D11Y?kGXPgez?QR	0rahMupx4bJztSE025zÅBL 1-3-15
			ł				1 1
							Scale = 1:35.8
		4x4 =					
1	2 _ 3	3x6 = 3x8 FP = 4 5 6 7	8		9	10	1.5x3    11 12
			t ti				
		W4 W5				/ \\/	W6 W1 -7-L
101	B1					¥	
26 25	24 23	22 21 20 19	18 17		16 15	14	13
1.5x3    1	.5x3    1.5x3	3x6 = 3x8 F	P= 1.5	3	1.5x3		
		$4x4 \equiv$					
2-6-12	4-8-4 3-6-12 4-6-12 5-9-4	6-11-12 6-10-4 11 12-10-	7	12 10 7 1/	1 10 7	21-5-6	
2-6-12	1-0-0 1-0-00-1-8 1-1-0	0-10-4    12-10- 1-1-0 0-1-8 5-10-1  , [8:0-1-8,Edge], [9:0-1-8,Edge]	1	13-10-7 14 1-0-0	1-0-0	6-6-15	
OADING (psf) CLL 40.0	SPACING- 2-0- Plate Grip DOL 1.0			n (loc) 6 15-16	l/defl L/d >999 480	PLATES MT20	<b>GRIP</b> 244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.0 Rep Stress Incr YE	0 BC 0.84		1 15-16	>826 360 n/a n/a		
3CDL 5.0	Code IRC2021/TPI201		102(01) 0.0	5 15	11/a 11/a	Weight: 106	lb FT = 20%F, 11%E
UMBER-			BRACING-				
OP CHORD 2x4 SP No 30T CHORD 2x4 SP No			TOP CHORD	Structu end ve		directly applied or 6	-0-0 oc purlins, except
WEBS 2x4 SP No			BOT CHORD		eiling directly applied	d or 6-0-0 oc bracin	g.
		), 13=742/0-3-6 (min. 0-1-8), 21=	1329/0-3-8 (min. 0-	1-8)			
Max Grav	26=347(LC 3), 13=753(LC	; 7), 21=1329(LC 8)					
		250 (lb) or less except when show 6/170, 3-4=-103/494, 4-5=0/822, 5					
6-7=-820	/0, 7-8=-1951/0, 8-9=-242	3/0, 9-10=-2280/0, 10-11=-1512/0	)				
		22-23=-170/506, 21-22=-822/0, 19 7=0/2423, 15-16=0/2423, 14-15=		7			
VEBS 4-21=-46	8/0, 2-25=-314/183, 1-25=	36/355, 3-22=-737/0, 4-22=0/512	2, 8-18=-693/0,				
	85, 7-20=-961/0, 5-20=0/9 24/0, 11-14=0/761, 11-13	999, 5-21=-1066/0, 9-15=-346/52, =-1159/0	10-15=0/323,				
<b>NOTES-</b> (5)							
) Unbalanced floor live lo	oads have been considere						
	0 unless otherwise indicat gbacks, on edge, spaced	ed. at 10-0-0 oc and fastened to eacl	h truss with 3-10d (0	.131" X 3	") nails. Strongback	s to	
be attached to walls at ) CAUTION, Do not erec	their outer ends or restrai	ned by other means.			, 0		
, .							
OAD CASE(S) Standard	I						
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						SEA	







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

NOTES- (5-6)

1) Gable requires continuous bottom chord bearing.

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

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

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

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

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

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

LOAD CASE(S) Standard



	Truss	Truss Typ	e	Qty	/ Ply	LOT 0.0039 HO	NEYCUTT HILLS   228 SH	HELBY MEADOW LANE ANGI
4772-F02	F207	Floor		1		1	<i>/ //</i>	# 59844
				Run: 8.630	s Jul 12 2024 F	Job Reference Print: 8.630 s Jul 12	e (optional) 2024 MiTek Industries, Inc	c. Mon Jun 2 23:19:09 2025 P QTv5Gf4YiirYcRGLmj76zz4
				ID:oDuW	VOOMhLxMO	j2fwcp2aKqzMG6	6w-uxHtEv3j4dnjq150	QTv5Gf4YiirYcRGLmj76zz/
								Scale: 3/
	3x8 FP=	1.5x3					1.5x3	
1 	2 3 4	5	6	7 т	8	9	10	11 12
		<del>et  </del>		- Fil - '		<u>بار</u>		
						$\langle // \rangle$		W4W1
	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX							
24 23	22	21	20	19	18	17 16	15	14 13
				19	10	17 10	10	17 10
1.5x3		3x8 =		1.5x3	1.5x3	3x8 FI		1.5x3
1.5x3		3x8 =						
1.5x3		3x8 =						
1.5x3		3x8 =	_					
1.5x3		3x8 =	_					
1.5x3				1.5x3	1.5x3		P= 3x8 =	
F		<u>9-8-4</u> 9-8-4		1.5x3    _ 10-8-4 _ 1	1.5x3			
F	[7:0-1-8,Edge], [8:0-1-8,	<u>9-8-4</u> 9-8-4		1.5x3    _ 10-8-4 _ 1	1.5x3    1-8-4 <sub>1</sub>		P= 3x8 = 19-0-4	
ate Offsets (X,Y)	SPACING-	9-8-4 9-8-4 Edge], [12:0-1-8, 2-0-0	Edge]	1.5x3    + 10-8-4 + 1 1-0-0 1 DEFL.	1.5x3    <u>1-8-4</u> <u> -0-0</u> in (loc)	3x8 Fi	P= 3x8 = <u>19-0-4</u> 7-4-0 PLATES	1.5x3    
ate Offsets (X,Y) PADING (psf) CLL 40.0		9-8-4 9-8-4 Edge], [12:0-1-8 2-0-0 1.00	<u>Edge]</u> <b>CSI.</b> TC 0.20	1.5x3    <u>10-8-4   1</u> <u>10-0   1</u> <b>DEFL.</b> Vert(LL)	1.5x3    <u>1-8-4  </u> <u>1-0-0  </u> in (loc) n/a -	3x8 FI	P= 3x8 = <u>19-0-4</u> 7-4-0	1.5x3    
AdDing (psf) CADING (psf) CLL 40.0 CDL 10.0 CLL 0.0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr	9-8-4 9-8-4 Edge], [12:0-1-8 2-0-0 1.00 1.00 YES	Edge] CSI. TC 0.20 BC 0.04 WB 0.05	1.5x3    + 10-8-4 + 1 1-0-0 1 DEFL.	1.5x3    <u>1-8-4  </u> <u>1-0-0  </u> in (loc) n/a -	3x8 Fi	P= 3x8 = <u>19-0-4</u> 7-4-0 PLATES MT20	1.5x3    
Adding (psf) Adding (psf) ILL 40.0 DL 10.0 ILL 0.0	SPACING- Plate Grip DOL Lumber DOL	9-8-4 9-8-4 Edge], [12:0-1-8 2-0-0 1.00 1.00 YES	Edge] CSI. TC 0.20 BC 0.04	1.5x3    + 10-8-4 + 1 1-0-0 + 1 DEFL. Vert(LL) Vert(LL) Vert(CT)	1.5x3    1-8-4   1-0-0   in (loc) n/a - n/a -	3x8 Fi I/defi L/d n/a 999 n/a 999	P= 3x8 = <u>19-0-4</u> 7-4-0 PLATES	1.5x3    
ADING (psf) LL 40.0 DL 10.0 LL 0.0 DL 5.0 MBER-	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr Code IRC2021/TF	9-8-4 9-8-4 Edge], [12:0-1-8 2-0-0 1.00 1.00 YES	Edge] CSI. TC 0.20 BC 0.04 WB 0.05	1.5x3    + 10-8-4 + 1 1-0-0 1 DEFL. Vert(LL) Vert(CT) Horz(CT) BRACING-	1.5x3    <u>1-8-4</u> <u>1-0-0</u> in (loc) n/a - n/a - 0.00 13	3x8 Fl	P= 3x8 = <u>19-0-4</u> 7-4-0 PLATES MT20 Weight:	1.5x3    GRIP 244/190 96 lb FT = 20%F, 11 <sup>4</sup>
Ate Offsets (X,Y) ADING (psf) LL 40.0 DL 10.0 CL 0.0 CDL 5.0 MBER- P CHORD 2x4 SF DT CHORD 2x4 SF	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr Code IRC2021/TF	9-8-4 9-8-4 Edge], [12:0-1-8 2-0-0 1.00 1.00 YES	Edge] CSI. TC 0.20 BC 0.04 WB 0.05	1.5x3    <u>10-8-4   1</u> <u>10-0   1-0 </u>	1.5x3    <u>1-8-4</u>   <u>1-0-0</u> in (loc) n/a - n/a - 0.00 13 RD Struct end ve	3x8 Fi	P= 3x8 = <u>19-0-4</u> 7-4-0 PLATES MT20 Weight:	1.5x3    <b>GRIP</b> 244/190 96 lb FT = 20%F, 11 <sup>4</sup> or 6-0-0 oc purlins, exce

(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 19, 18, 20, 23, 17, 14 except 21=312(LC 1), 22=278(LC 1), 15=323(LC 1)

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

NOTES- (4-5)

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

2) Gable requires continuous bottom chord bearing.

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

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

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

LOAD CASE(S) Standard



<figure><complex-block></complex-block></figure>	Job 25-4772-F02 <u>1-3-0 1</u> 0-	Truss F208 7-01 + 0-10-4	Truss Type FLOOR	Qty         Ply         LOT 0.0039 HONEYCUTT HILLS   228 SHELt           5         1         Job Reference (optional)           Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. M           ID:oDuWOOMhLxMOj2fwcp2aKqzMG6w-uxHtEv3j4dnjq15QTv5           2-0-0	# 59844 on Jun 2 23:19:09 2025 Page 1
L         22.8         L         10.0         10.0         10.0         11.00		3x8 FP= 2 3 4 0 0 0 0 23 22	5 6 B B1 21 20	7 T2 8 9 10 11 11 12 14 14 15 10 11 11 11 11 11 11 11 11 11	12 12 12 12 12 12 12 12 12 12
CitL         40.0         Plate Grip DOL         1.00         TC         0.87         Vert(L1)         0.07         1.82         >600         480         MT20/s         24/190           BCLL         0.0         Rep Stress Incr         NO         WB         0.62         Horz(CT)         0.07         13         n/a         n/a         NZ         MT20/s         24/190           BCLL         0.0         Rep Stress Incr         NO         WB         0.62         Horz(CT)         0.07         13         n/a         n/a         NZ         MT20/s         24/190         A         A         MT20/s         20/15         A         MT20/s         MT20/s	2-2-8	 [1:Edge,0-1-8], [7:0-1-8,Edge	7-5-12	1-0-0 1-0-0 7-4-0	
TOP CHORD 2x4 SP No.1(flat)       TOP CHORD Structural wood sheathing directly applied or 5-5-7 oc purlins, except end verticals.         B27 CHORD 2x4 SP No.1(flat) "Except"       B27 2x4 SP No.1(flat) "Except"         WEBS       2x4 SP No.1(flat) "Except"         WEBS       2x4 SP No.1(flat) "Except"         REACTIONS.       (Ib/-Max. Comp./Max. Ten All forces 250 (Ib) or less except when shown.         TOP CHORD       254-320/201 (2-13-877/40) (1-2-17600) (2-3-3-302/10) (3-45-30710) (3-45-30710) (5-56-37150) (5-56-37150) (5-56-37150) (5-56-37150) (5-56-37150) (5-56-37150) (5-76-302/10) (3-45-30210) (4-55-37150) (1-12-21070) (1-11-2-1070) (1-11-2-21070) (1-11-2-21070) (1-11-2-20170) (1-12-20170) (1-12-20170) (1-12-20170) (1-12-20170) (1-12-20170) (1-12-20170) (1-12-20170) (1-20170) (1-20120) (2-22-20150) (1-12-20170) (1-20170) (1-20170) (1-20170) (1-20170) (1-20170) (1-20170) (1-20170) (1-20170) (1	TCLL 40.0 TCDL 10.0 BCLL 0.0	Plate Grip DOL 1.1 Lumber DOL 1.1 Rep Stress Incr N	00 TC 0.87 00 BC 0.93 00 WB 0.62	Vert(LL) -0.37 19-20 >609 480 MT20 Vert(CT) -0.51 19-20 >443 360 MT20HS Horz(CT) 0.07 13 n/a n/a	244/190 187/143
<ul> <li>FORCES. (b) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown. TOP CHORD 1:25=-1392/0, 12:13=-774/0, 1-2=-1760/0, 2-3=-3021/0, 34=-3021/0, 45=-3715/0, 56=-3715/0, 6-7=-3932/0, 7-8=-3753/0, 9-10=-2107/0, 10-11=-2107/0, 11-12=-531/0</li> <li>BOT CHORD 23-24=0/2665, 22:23=0/2665, 21:22=0/3443, 20:21-10/3656, 19:20=0/3753, 18:19=0/3753, 17:18=0/3753, 16:17=0/2699, 15:16=0/2699, 14:15=0/1384</li> <li>WEBS 7:19=-294/46, 6-18=-25/315, 1:24=0/2208, 2:24=-1601/0, 7:20=-234/450, 6:21=-309/0, 4:21=0/346, 4:22=-5000, 2:22=0/520, 8:17=-886/0, 9:17=0/626, 9:15=-756/0, 11:15=0/922, 11:14=-1111/0, 12:14=0/893</li> <li>NOTES- (7-8)</li> <li>I) Unbalanced floor live loads have been considered for this design.</li> <li>2) All plates are 3x4 MT20 plates unless otherwise indicated.</li> <li>3) All plates are 3x4 MT20 unless otherwise indicated.</li> <li>4) Refer to girder(s) for truss to truss connections.</li> <li>6) Recommend 2x6 strongbacks, on edge, spaced at 10:0-0 oc and fastened to each truss with 3-10d (0.131* X 3*) nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.</li> <li>6) CAUTION, Do not ered truss backwards.</li> <li>7) Graphical web bracing representation does not depict the size, type or the orientation of the brace on the web. Symbol only indicates that the member must be braced.</li> <li>10 Bearing symbols are not considered in the structural design of the truss to support the loads indicated.</li> <li>LOAD CASE(S) Standard</li> <li>10 Ead + TiOP Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (pt) Vert: 13:25=-7, 1-12=-67</li> <li>Concentrated Loads (lb) Vert: 2=-800</li> </ul>	TOP CHORD 2x4 S BOT CHORD 2x4 S B2: 2: WEBS 2x4 S	P SS(flat) <sup>*</sup> Except* ‹4 SP No.1(flat) P No.3(flat) *Except*		TOP CHORD Structural wood sheathing directly applied or send verticals.	
6/2/2025	FORCES. (Ib) - Max TOP CHORD 1-25 5-6- 11-1 BOT CHORD 23-2 17-1 WEBS 7-19 1) Unbalanced floor 2) All plates are MTZ 3) All plates are MTZ 4) All plates ar	A. Comp./Max. Ten All forces: =-1392/0, 12-13=-774/0, 1-2=-3715/0, 6-7=-3932/0, 7-8=-3 2=-53715/0, 6-7=-3932/0, 7-8=-3 2=-531/0 $=-294/46, 8-78=-25/315, 1-24=-0/346, 4-22=-550/0, 2-22=0/0=-294/46, 8-18=-25/315, 1-24=-0/346, 4-22=-550/0, 2-22=0/0=-0/922, 11-14=-1111/0, 12-10=-0/922, 11-14=-10/92=-0/922, 11-14=-10/92=-0/922, 11-14=-0/92=-0/922, 12-07=-0/922, 12-07=-0/922, 12-07=-0/922, 12-07=-0/922, 12-07=-0/922, 12-07=-0/92$	250 (lb) or less except when sh -1760/0, 2-3=-3021/0, 3-4=-302 753/0, 8-9=-3153/0, 9-10=-2107/ 22=0/3443, 20-21=0/3956, 19-20 16=0/2699, 14-15=0/1384 =0/2208, 2-24=-1601/0, 7-20=-2 520, 8-17=-886/0, 9-17=0/626, 9 4=0/893 ed for this design. cated. ted. at 10-0-0 oc and fastened to ea ined by other means. depict the size, type or the orient ons of a possible bearing condit d.	, 4-5=-3715/0, 10-11=-2107/0, 0/3753, 18-19=0/3753, (450, 6-21=-309/0, 5=-756/0, h truss with 3-10d (0.131" X 3") nails. Strongbacks to on of the brace on the web. Symbol only indicates that . Bearing symbols are not considered in the structural	AROUND HITTHINKING

Job	Truss	Truss Type	Qty	Ply	LOT 0.0039 HONI	EYCUTT HILLS   228 SHE	LBY MEADO	W LANE ANGIER, NC
25-4772-F02	F210	Floor Supported Gable	1		1 Job Reference	(ontional)	#	59844
		1	Run: 8.630 s ID:oDuWOOMh	Jul 12 2024 P LxMOj2fwcp	rint: 8.630 s Jul 12 20 2aKqzMG6w-M8rC	024 MiTek Industries, Inc. GRF4Lrw6rOtPDe7_8e	Mon Jun 22 TCHR62bH	3:19:10 2025 Page 1 I3zQZQSgfQzABLF
								Scale = 1:34.6
1 2	3 4 5	6 7 8	3x4 = 3x8 9 10 11	FP= 12	13 14	<u>15</u> 16	17	18 19
100	ST1 ST1 ST1 B1 B1 B XXXXXXXXXXXXXXXXXXXXXXXXXXXXXX				ST1 ST1 B2 B2	15 16 ST1 ST1 R R R	ST1	ала ST1 W1 
38 37	36 35 34	33 32 31 30	29 28	27	26 25	24 23	22	21 20
		3x8 FP= 3x4 =						
	0-1-8,Edge], [30:0-1-8,Edge	1	<u>22-0-12</u> 22-0-12					1
	· · · · · · · · · · · · · · · · ·							
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	) TC 0.06 BC 0.01	Vert(CT)	in (loc) n/a - n/a - ).00 29	l/defl L/d n/a 999 n/a 999 n/a n/a	PLATES MT20	<b>GRIP</b> 244/1	90
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH				Weight: 92	2 lb FT	= 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N WEBS 2x4 SP N OTHERS 2x4 SP N	lo.1(flat) lo.3(flat)		BRACING- TOP CHORD BOT CHORD	end ve	rticals.	ing directly applied o plied or 10-0-0 oc bra		c purlins, except
	ings 22-0-12. v All reactions 250 lb or les	s at joint(s) 38, 20, 37, 36, 35, 3	4, 33, 32, 30, 29, 2	8, 27, 26, 2	5, 24, 23,			

22, 21

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

NOTES- (6-7)

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

2) Gable requires continuous bottom chord bearing.

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

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

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

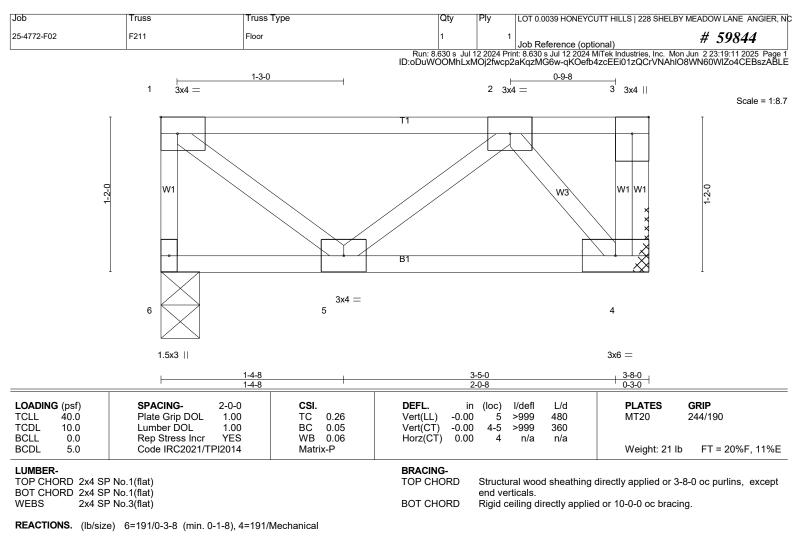
be attached to walls at their outer ends or restrained by other means.

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

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

LOAD CASE(S) Standard





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

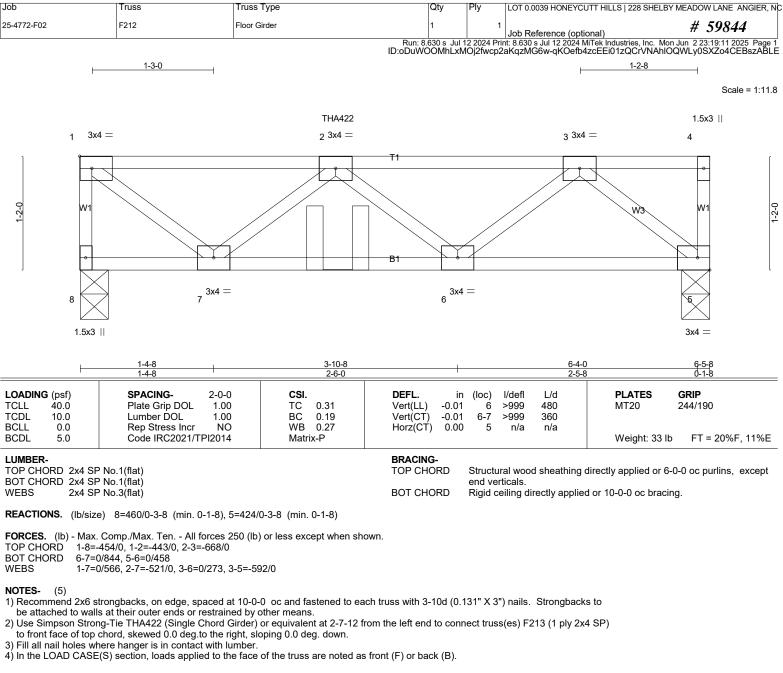
**NOTES-** (3)

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

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

LOAD CASE(S) Standard



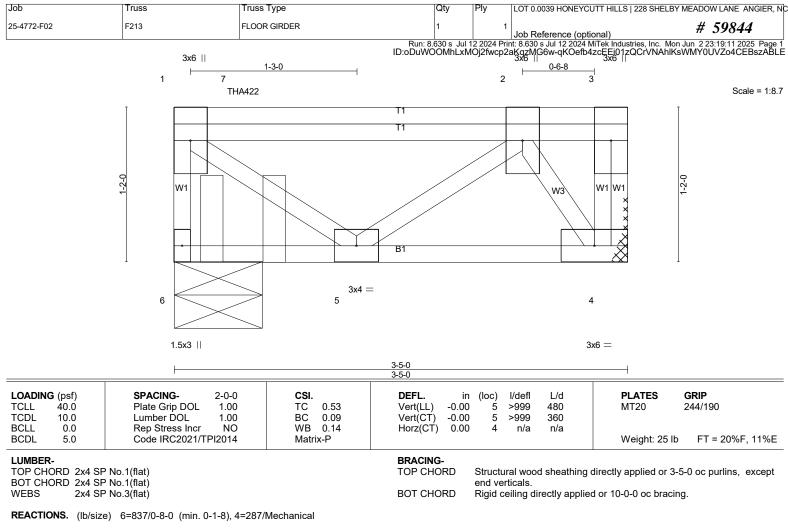


#### LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)

Vert: 5-8=-10, 1-4=-100 Concentrated Loads (lb) Vert: 2=-187(F)





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

TOP CHORD 1-6=-831/0 BOT CHORD 4-5=0/353 WEBS 2-4=-627/0

NOTES- (6)

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

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

3) Use Simpson Strong-Tie THA422 (6-16d Girder, 6-10d Truss) or equivalent at 0-6-4 from the left end to connect truss(es) F216 (1 ply

2x4 SP) to back face of top chord, skewed 0.0 deg.to the left, sloping 0.0 deg. down.

Fill all nail holes where hanger is in contact with lumber.

5) In the LOAD CASE(S) section, loads applied to the face of the truss are noted as front (F) or back (B).

# LOAD CASE(S) Standard

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00

Uniform Loads (plf) Vert: 4-6=-10, 1-3=-100 Concentrated Loads (lb) Vert: 7=-769(B)



ob	Truss	Truss Type		Qty	Ply	LOT 0.00	39 HONEYCUTT HI	LLS   228 SHELBY	MEADOW LANE	ANGIER,
5-4772-F02	F214	Floor Supported Gable		1		1 lob Ref	erence (optional)		# 598	44
				Run: 8.630 s Jul	12 2024 F	rint: 8.630 s	Jul 12 2024 MiTek li w-qKOefb4zcEEi0	ndustries, Inc. Mon	Jun 223:19:11: WNa0WDZo40	2025 Page
			12.01	JUNCOMILLAN	Ojziwopz	Langzinoo			mq0mb2040	
									Sc	ale = 1:24
			3x4			0	10		10	10
1 2	3	4 5		8	,	9	10	11	12	13
	1 ST1	ST1 ST1	ST1 W2 ST	1 51	1 [1	ST1	ST1	ST1	ST1	W
			ВБ							
	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX									XXX
26 25	24	23 22	21 20	19	)	18	17	16	15	14
			3x4 =							
			15-9-	6						
	- [7:0-1-8,Edge], [21:0-1-8		15-9-							(
OADING (psf) CLL 40.0	SPACING- Plate Grip DOL		.06 Ve	E <b>FL.</b> in ert(LL) n/a	· · ·		L/d 999	PLATES MT20	<b>GRIP</b> 244/190	
OLL 40.0	Lumber DOL	1.00 BC 0. YES WB 0.		ert(CT) n/a orz(CT) -0.00		n/a n/a	999 n/a			
CDL 10.0	Rep Stress Incr							Weight: 67 lb	FT = 20%	F 11%
CDL 10.0 CLL 0.0	Rep Stress Incr Code IRC2021/TF							weight. or ib	11-20%	, , , , , , , , , , , , , , , , , , , ,
CDL 10.0 CLL 0.0 CDL 5.0	Code IRC2021/TF		SH BF	RACING-	Charact			0		
CDL         10.0           3CLL         0.0           3CDL         5.0           UMBER- OP CHORD 2x4 \$ 30T CHORD 2x4 \$	Code IRC2021/TF		SH BF TC	RACING- DP CHORD	end ve	erticals.	sheathing direct	ly applied or 10	-0-0 oc purlin	

REACTIONS. All bearings 15-9-6.

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

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

NOTES-(6-7)

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

2) Gable requires continuous bottom chord bearing.

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

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

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

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

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty F	Ply	LOT 0.0039 HONEYCUTT H	IILLS   228 SHELBY ME	ADOW LANE ANGIER, NC
25-4772-F02	F215	Floor	2	1	Job Reference (optional	1	# 59844
			Run: 8.630 s Jul 12	2024 Prin	it: 8.630 s Jul 12 2024 MiTek cp2aKqzMG6w-IWy0sx5	Industries, Inc. Mon Ju hNYMZeBYcmY0ciu	n 2 23:19:12 2025 Page 1 HU8vXblr2i1kxnilzABLD
1-2-14	1-3-0	2-0-0			022014210000-10090320		
Ι	I I	1 1					
							Scale = 1:26.3
$4x4 \equiv$					1.5x3		4x4 = 1.5x3
1	2	3 4 	5	; 	6 7		e 8
				÷.			
							1-2-0 -1-1-2-1-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-
		B1					
18	17 16	15 14	13		12	11	
1.5x3	4x6 =	1.5x3    1.5x3			3x8 =	4x4 =	
	<u>5-2-14</u> 5-2-14	+ 6-2-14 + 7-2-14 + 1-0-0 + 1-0-0			<u>15-9-6</u> 8-6-8		
Plate Offsets (X,Y)	) [1:Edge,0-1-8], [3:0-1-8,Edg	e], [4:0-1-8,Edge]					
LOADING (psf)					/defl L/d		RIP
TCLL 40.0 TCDL 10.0			Vert(LL) -0.26 1 Vert(CT) -0.35 1		>736 480 >539 360	MT20 24	14/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr Y Code IRC2021/TPI20		Horz(CT) 0.04	10	n/a n/a	Weight: 78 lb	FT = 20%F, 11%E
						Weight: 70 lb	11-20/01, 11/02
LUMBER- TOP CHORD 2x4	SP No.1(flat)		<b>BRACING-</b> FOP CHORD ः	Structura	al wood sheathing dired	tly applied or 6-0-0	oc purlins, except
BOT CHORD 2x4 WEBS 2x4	SP SS(flat) SP No.3(flat)			end verti Rigid cei	icals. iling directly applied or	10-0-0 oc bracing	
				Ngiù ce	and an eetily applied of	10-0-0 oc bracing.	
REACTIONS. (ID/	size) 18=861/0-3-6 (min. 0-1	8), 10=861/0-3-8 (min. 0-1-8)					
		s 250 (lb) or less except when shown. 51/0, 3-4=-3060/0, 4-5=-3159/0, 5-6=-26	344/0				
6-	7=-2644/0, 7-8=-1396/0						
	Տ-17=0/1796, 15-16=0/3060, 14 )-11=0/612	-15=0/3060, 13-14=0/3060, 12-13=0/308	37, 11-12=0/2147,				
WEBS 3-	15=0/333, 4-14=-301/28, 3-16=	-972/0, 2-16=0/722, 2-17=-1115/0, 1-17=	=0/1203,				
	13=-260/330, 5-13=-25/273, 5- 10=-1068/0	12=-566/0, 7-12=0/635, 7-11=-977/0, 8-1	1-0/1020,				
<b>NOTES-</b> (4-5)							
1) Unbalanced floo	or live loads have been conside						
	4 MT20 unless otherwise indic 6 strongbacks, on edge, space	ated. I at 10-0-0 oc and fastened to each trus	s with 3-10d (0.13	31" X 3")	nails. Strongbacks to		
	valls at their outer ends or restr			,			

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

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

LOAD CASE(S) Standard

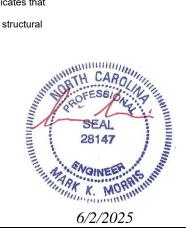


Job	Truss	Truss Type	Qty	Ply	LOT 0.0039 HONEYCUT	T HILLS   228 SHELBY	MEADOW LANE ANGI	ER, NC
25-4772-F02	F216	Floor	1	1	Job Reference (optior	al)	# 59844	
			Run: 8.630 s Jul 1 ID:oDuWOOMh	2 2024 Prin LxMOj2fwo	t: 8.630 s Jul 12 2024 MiT p2aKqzMG6w-IWy0s	ek Industries, Inc. Mon	Jun 223:19:122025 P juHUqvYLIrGi1kxnjIz	age 1 ABLD
<u>⊢ 1-2-1</u>	4 1-3-0	2-0-0					0 <u>-3-</u> 0	
							Scale = 1	:25.3
4x4 =				_	1.5x3	_	5x5 =	
1 ] <del>[e]</del>	2	3	4 1 1	5	6	7		[
2% IW							WW	1-2-0
			B1 6					[
18	17	16 15	14 13		12	11	10	
1.5x3	4x6 =	1.5x3	1.5x3		3x8 =	4x4	= 5x6 =	
L	5-2-14	6-2-14 7-2-14			15-5-14			
Plate Offsets (X,Y	<u>5-2-14</u> ) [1:Edge,0-1-8], [3:0-1-8,	<u>1-0-0</u> <u>1-0-0</u> Edge], [4:0-1-8,Edge], [10:Edge,0-1-	8]		8-3-0		1	
LOADING (psf)	SPACING-	2-0-0 <b>CSI</b> .			/defl L/d	PLATES	GRIP	
TCLL 40.0 TCDL 10.0	Plate Grip DOL Lumber DOL	1.00         TC         0.58           1.00         BC         0.76	Vert(CT) -0.32	13-14 >	786 480 578 360	MT20	244/190	
BCLL 0.0 BCDL 5.0	Rep Stress Incr Code IRC2021/T	YES WB 0.56 PI2014 Matrix-SH	Horz(CT) 0.04	10	n/a n/a	Weight: 79 lb	FT = 20%F, 11	%E
LUMBER-		I	BRACING-	o				
TOP CHORD 2x4 BOT CHORD 2x4	SP SS(flat)		TOP CHORD	end verti			•	ept
	SP No.3(flat)		BOT CHORD	Rigid cei	ling directly applied	or 10-0-0 oc bracin	g.	
REACTIONS. (Ib/	size) 18=842/0-3-6 (min.	0-1-8), 10=842/Mechanical						
TOP CHORD 1-	18=-840/0, 1-2=-915/0, 2-3	orces 250 (lb) or less except when sł =-2280/0, 3-4=-2946/0, 4-5=-3000/0,						
	·7=-2439/0, 7-8=-1142/0 6-17=0/1751, 15-16=0/2946	, 14-15=0/2946, 13-14=0/2946, 12-1	3=0/2901, 11-12=0/1914	l,				
	)-11=0/339 .15=-7/312, 4-14=-280/38, 3	8-16=-921/0, 2-16=0/688, 2-17=-1088	8/0, 1-17=0/1172,					
4-		5-12=-591/0, 7-12=0/670, 7-11=-100						
<b>NOTES-</b> (5-6)								
	or live loads have been con 4 MT20 unless otherwise in							
3) Refer to girder(	s) for truss to truss connecti	ons.						
	to strondbacks, on edde isn	aced at 10-0-0 oc and fastened to e	ach truss with 3-10d (0 1	31" X 3")	nails. Strongbacks	to		

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

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty F	Ply LOT 0.0039 HONEYC	UTT HILLS   228 SHELBY MEADOW LANE ANGIER, N
25-4772-F02	F217	Floor	1	1	# <b>59844</b>
<u>⊢ 1-2-14</u>	1-3-0	<u>2-0-0</u>	Run: 8,630 s Jul 12 ID:oDuWOOMhLxM	Job Reference (op) 2024 Print: 8.630 s Jul 12 2024 IOj2fwcp2aKqzMG6w-IWy0	uonan) MiTek Industries, Inc. Mon Jun 2 23:19:12 2025 Page 1 sx5bNYMZeBYcmY0cjuHYMvZMIsmi1kxnjIzABLI ⊢0-8-0
	2 16 4 =	15	4 B1 14 13 5x3	5	$1.5x3 = 8$ $7^{3x6} = 8$ $19$ $19$ $10$ $3x6 = 10$
LOADING (psf) TCLL 40.0 TCDL 10.0	5-2-14 5-2-14 3:0-1-8,Edge], [4:0-1-8,Edge SPACING- 2-0 Plate Grip DOL 1. Lumber DOL 1.	-0 <b>CSI</b> . 20 TC 0.36 20 BC 0.69	Vert(LL) -0.13 1 Vert(CT) -0.16 1	3-14 >984 360	13-3-6         15-5-12           0-1-8         2-2-6           PLATES         GRIP           MT20         244/190
BCLL 0.0 BCDL 5.0 LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP			BRACING- TOP CHORD S	11 n/a n/a Structural wood sheathing and verticals. Rigid ceiling directly applie	Weight: 79 lb FT = 20%F, 11%E directly applied or 6-0-0 oc purlins, except ed or 6-0-0 oc bracing.
Max Gr FORCES. (Ib) - Max. (I TOP CHORD 1-18= BOT CHORD 16-17: WEBS 7-11= 5-13= NOTES- (5-6) 1) Unbalanced floor liv 2) All plates are 3x4 M 3) Recommend 2x6 st be attached to walls 4) CAUTION, Do not e	av 18=715(LC 3), 11=975(L Comp./Max. Ten All forces .710/0, 1-2=-759/0, 2-3=-18 =0/1459, 15-16=0/2196, 14- .284/0, 3-16=-587/0, 2-16=0/ 0/421, 5-12=-802/0, 6-12=0/ e loads have been consider T20 unless otherwise indica ongbacks, on edge, spaced at their outer ends or restra rect truss backwards.	ed for this design. ted. (a t10-0-0 oc and fastened to ear	5-6=-1104/0 =0/1704, 11-12=-84/484 4-13=-496/0, ach truss with 3-10d (0.13	, .	

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply LOT 0.0039 HONE	EYCUTT HILLS   228 SHELBY	MEADOW LANE ANGIER, NC
25-4772-F02	F218	Floor	1	1 Job Reference (	(optional)	# 59844
			Run: 8.630 s Jul ID:oDuWOOMł	12 2024 Print: 8.630 s Jul 12 20 hLxMOj2fwcp2aKqzMG6w-IV	024 MiTek Industries, Inc. Mon Wy0sx5bNYMZeBYcmY0c	Jun 2 23:19:12 2025 Page 1 juHXPvamlsui1kxnjlzABLD
1-2-14	1-3-0	2-0-0		0-7-12		1-0-12
						Scale = 1:32.4
				4.4 - 0.0 -		
1	2	<sup>3</sup> 4	3x8 FP= 5 6	4x4 = 3x6 = 7 8		1.5x3    10 11
					Bi Bi	
23 22	21	20 19 18	17	16 15	14 13	
1.5x3		5x3    1.5x3	4x4 =	3x6 =	3x8 FP=	12
	5-2-14	6-2-14 7-2-14	13-1-10		19-5-6	
Plate Offsets (X,Y)	5-2-14 [3:0-1-8,Edge], [4:0-1-8,Edge	<u>' 1-0-0 ' 1-0-0 '</u> 2]	5-10-12		6-3-12	· · · · · · · · · · · · · · · · · · ·
LOADING (psf) TCLL 40.0	SPACING- 2-0			n (loc) l/defl L/d 9 20-21 >999 480	PLATES	GRIP
TCDL 10.0	Lumber DOL 1.	DO BC 0.60	Vert(CT) -0.12	2 20-21 >999 360	MT20	244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr YI Code IRC2021/TPI20	S WB 0.45 14 Matrix-SH	Horz(CT) 0.02	2 16 n/a n/a	Weight: 97 lb	FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF	No 1/flat)		BRACING- TOP CHORD	Structural wood sheathi	ing directly applied or 6-0	
BOT CHORD 2x4 SF			BOT CHORD	end verticals.	plied or 6-0-0 oc bracing	
		3), 12=129/0-3-8 (min. 0-1-8), 16		0 0 7 1	plied of 0-0-0 oc bracing	
Max U	plift12=-107(LC 3) rav 23=623(LC 3), 12=272(L		- 1000/0-0-0 (11111: 0-1	-0)		
	. , .	s 250 (lb) or less except when sh	own			
TOP CHORD 1-23=		79/0, 3-4=-1654/0, 4-5=-1223/0,		,		
BOT CHORD 21-22	2=0/1248, 20-21=0/1654, 19-	20=0/1654, 18-19=0/1654, 17-18 13-14=-552/306, 12-13=-130/257				
WEBS 8-16=	615/0, 3-21=-287/0, 2-21=0	/302, 2-22=-783/0, 1-22=0/828, 4 /954, 7-16=-997/0, 8-15=0/717, 9	4-18=-568/0,			
	-10/297, 10-13=-252/54, 10		10 000,0,			
NOTES- (6-7)	ve loads have been conside	ed for this design				
2) All plates are 3x4 M	1T20 unless otherwise indica		vithstanding 107 lb upli	ft at ioint 12		
4) Recommend 2x6 s		at 10-0-0 oc and fastened to ea			acks to	
5) CAUTION, Do not e	erect truss backwards.	depict the size, type or the orient	ation of the brace on th	ne web. Symbol only indic	ates that	
the member must b	e braced.	ons of a possible bearing conditi		re not considered in the s	tructural	
	to support the loads indicate				WHUTH CA	ROUM
LOAD CASE(S) Stand	dard				UNIT OFESS	BAN A 11
					and a set	and the second s
					28147	
					tructural seat seat 28147 SEAL 28147	ER. Southand
					Man K. W	aman

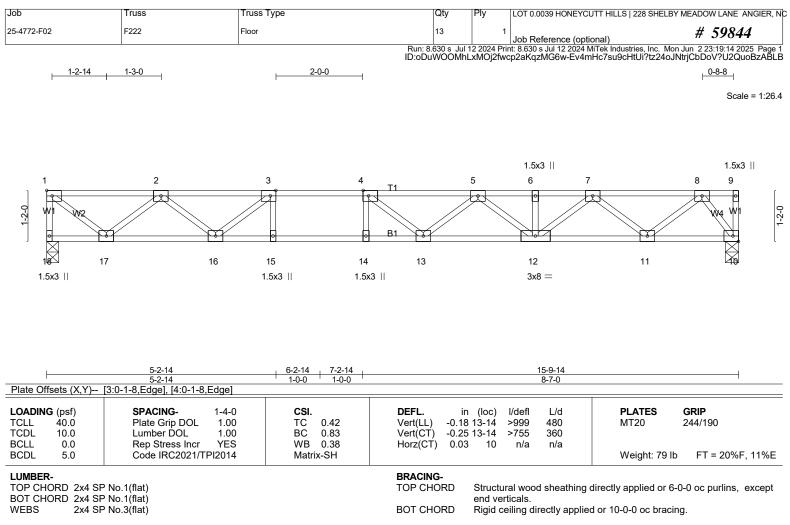
6/2/2025

Job	Truss	Truss Type	Qty	Ply LOT 0.0039 HONEY	CUTT HILLS   228 SHELBY	MEADOW LANE ANGIER, NC
25-4772-F02	F219	Floor	1	1 Job Reference (op	otional)	# 59844
			Run: 8.630 s Jul 12 ID:oDuWOOMhLxMC	2024 Print: 8.630 s Jul 12 2024 j2fwcp2aKqzMG6w-mjWO3	MiTek Industries, Inc. Mor	u Jun 2 23:19:13 2025 Page 1 gi9Jw?UJ7sFOhKFkzABLC
<u> </u>	1-3-0	2-0-0		0-7-12		1-0-12
						Scale = 1:32.4
			3x8 FP=	4x4 = 3x6 =		1.5x3
1	2 3	• T1 •	5 6	7 8 .	т2 9	10 11
				tel tel		1-2-0 1-2-1
		B1 3			B	2 13
23 22	21 2	0 19 18	17	16 15	14 13	
1.5x3		ix3    1.5x3	4x4 =	3x6 =	3x8 FP=	
	5-2-14	_ 6-2-14 _ 7-2-14 _	13-1-10	1	19-5-6	
Plate Offsets (X,Y) [	5-2-14 3:0-1-8,Edge], [4:0-1-8,Edge	1-0-0 1-0-0	5-10-12		6-3-12	
LOADING (psf)	SPACING- 2-0		DEFL. in	(loc) l/defl L/d	PLATES	GRIP
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.0 Lumber DOL 1.0	0 TC 0.42	Vert(LL) -0.09 2 Vert(CT) -0.12 2	20-21 >999 480	MT20	244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr YE Code IRC2021/TPI201	S WB 0.45	Horz(CT) 0.02	16 n/a n/a	Weight: 97 lb	FT = 20%F, 11%E
LUMBER-			BRACING-		Weight. 37 ib	11 - 20 /01 , 11 /0E
TOP CHORD 2x4 SP			TOP CHORD	Structural wood sheathing	g directly applied or 6-	0-0 oc purlins, except
BOT CHORD2x4 SPWEBS2x4 SP	No.3(flat)			end verticals. Rigid ceiling directly appli	ed or 6-0-0 oc bracing	].
Max Up	) 23=617/0-3-6 (min. 0-1-8 )lift12=-107(LC 3) av 23=623(LC 3), 12=272(LC	), 12=129/0-3-8 (min. 0-1-8), 16= C 4), 16=1380(LC 1)	1380/0-3-8 (min. 0-1-8	)		
		250 (lb) or less except when sho	wn			
TOP CHORD 1-23=		/9/0, 3-4=-1654/0, 4-5=-1223/0, 7-				
BOT CHORD 21-22	=0/1248, 20-21=0/1654, 19-2	20=0/1654, 18-19=0/1654, 17-18=	0/829, 16-17=-815/0,			
WEBS 8-16=	-615/0, 3-21=-287/0, 2-21=0	3-14=-552/306, 12-13=-130/257 /302, 2-22=-783/0, 1-22=0/828, 4-				
	0/524, 5-17=-917/0, 7-17=0/ -10/297, 10-13=-252/54, 10-	954, 7-16=-997/0, 8-15=0/717, 9-1 12=-351/177	5=-658/0,			
NOTES- (6-7)						
<ol> <li>Unbalanced floor liv</li> <li>All plates are 3x4 M</li> </ol>	e loads have been consider T20 unless otherwise indica	ed for this design. ted.				
		iss to bearing plate capable of with at 10-0-0 oc and fastened to eac			:ks to	
	at their outer ends or restra		(			
	ng representation does not o	lepict the size, type or the oriental	ion of the brace on the	web. Symbol only indicat	es that	
<ol><li>Bearing symbols are</li></ol>	e only graphical representati	ons of a possible bearing condition	n. Bearing symbols are	not considered in the stru	uctural	611. ·
0	o support the loads indicated	1.			es that ictural PROFESS SEAL 2814	ROI
LOAD CASE(S) Stand	ard				THE ROFESS	Pro Pile
					SEA	
					2814	7
						a Million
					ARK	CORPUS INTERNAL
					Man A.	(a))IIII

6/2/2025

Job	Truss	Truss Type	Qty	Ply			Y MEADOW LANE ANGIER, NC
25-4772-F02	F220	Floor	3	1	201 0.0039 HOME TO		# 59844
20					Job Reference (opt		m Jun 2 23:19:13 2025 Page 1
			ID:oDuWOOMhLxN	//Oj2fwcp2a	aKqzMG6w-mjWO3I	H6E8rUQFK7oKFXrF6	qiFJv9UJ_sFOhKFkzABLC
<u> </u>	3-0	2-0-0	<u>0-7-12</u> <u>⊢</u> 1-	0-2		2-0-0	<u>1-0-10</u>
							Scale = 1:37.5
			3x8 FP= 4x4 = 3x6 =	=			3x6 =
1	2 3 <sub>11</sub>	4 5	6 7 8		9 T2	10 11	12
	R P				R 12	मि	
1-2-0		B1 CA				- B2 B	W6 W1 1-5-0
27 26			21 20				i
	25 24	23 22		19	18 17	16 15	14 13
1.5x3    4x4 =	1.5x3	1.5x3	4x4 = 3x6 =		3x8 FP=	1.5x3    1.5x3	3
	5-2-14 6-2-1	4 . 7-2-14 . 13-1	-10		18-1-12	19-1-12,20-1-12	22-9-14
Plate Offsets (X V) ['	5-2-14 1-0-	0 1-0-0 5-10 ], [10:0-1-8,Edge], [11:0-1-8,Edge]	-12		5-0-2	1-0-0 1-0-0	2-8-2
LOADING (psf) TCLL 40.0	SPACING- 2-0- Plate Grip DOL 1.0				l/defl L/d >999 480	PLATES MT20	<b>GRIP</b> 244/190
TCDL 10.0	Lumber DOL 1.0	0 BC 0.66	Vert(CT) -0.13	3 24-25	>999 360		2
BCLL 0.0 BCDL 5.0	Rep Stress Incr YE Code IRC2021/TPI201		Horz(CT) 0.02	2 13	n/a n/a	Weight: 114	lb FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP			TOP CHORD			directly applied or 6-	-0-0 oc purlins, except
BOT CHORD 2x4 SP WEBS 2x4 SP	No.3(flat)		BOT CHORD	end vert Rigid ce		ed or 6-0-0 oc bracing	g.
REACTIONS. (lb/size	) 27=611/0-3-6 (min 0-1-8	), 13=379/Mechanical, 20=150	0/0-3-8 (min 0-1-8)				
	av 27=647(LC 3), 13=437(LC						
FORCES. (Ib) - Max.	Comp./Max. Ten All forces	250 (lb) or less except when s	hown.				
		676/0, 2-3=-1568/0, 3-4=-1796/ 0/1410, 8-9=0/828, 9-10=-599/2					
11-12:	373/0			4.540			
		24=0/1796, 22-23=0/1796, 21-2 17-18=-433/346, 16-17=-32/809		45/0,			
	=-32/809 700/0_3_25=_201/57_2_25=	0/345, 2-26=-817/0, 1-26=0/86	5 4 22- 643/0				
5-22=0	0/549, 5-21=-935/0, 7-21=0/	973, 7-20=-979/0, 10-17=-460/0					
9-19=-	844/0, 8-19=0/820, 11-14=-	557/67, 12-14=0/498					
NOTES- (6-7)	e loads have been consider	ad for this design					
2) All plates are 3x4 M	T20 unless otherwise indica						
	truss to truss connections. ongbacks, on edge, spaced	at 10-0-0 oc and fastened to e	each truss with 3-10d (0.	131" X 3")	) nails. Stronobacl	ks to	
be attached to walls 5) CAUTION, Do not e	at their outer ends or restra	ned by other means.		,	5		
6) Graphical web braci	ng representation does not o	lepict the size, type or the orier	ntation of the brace on th	ie web. Sy	mbol only indicate		
the member must be 7) Bearing symbols are		ons of a possible bearing condi	ition Bearing symbols a	e not con	sidered in the stru	ctural	11//10.
	o support the loads indicated			001		WHINT ATH CA	ROITIN
LOAD CASE(S) Stand	ard					Ctural AND ROFESS	Pris 9 11
							Kir I
						SEA 2814	7
						1111	1
						THE AS NOINE	ER & MAR
						MARK K N	10RA Innin
						A41.11 141 141	auther.

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REACTIONS. (lb/size) 18=576/0-3-6 (min. 0-1-8), 10=576/0-3-8 (min. 0-1-8)

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

TOP CHORD 1-18=-575/0, 1-2=-628/0, 2-3=-1575/0, 3-4=-2049/0, 4-5=-2117/0, 5-6=-1779/0, 6-7=-1779/0, 7-8=-951/0

BOT CHORD 16-17=0/1200, 15-16=0/2049, 14-15=0/2049, 13-14=0/2049, 12-13=0/2074, 11-12=0/1449, 10-11=0/430

WEBS 3-16=-649/0, 2-16=0/488, 2-17=-746/0, 1-17=0/804, 5-12=-376/0, 7-12=0/421, 7-11=-649/0, 8-11=0/678, 8-10=-723/0

NOTES- (4-5)

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

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

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

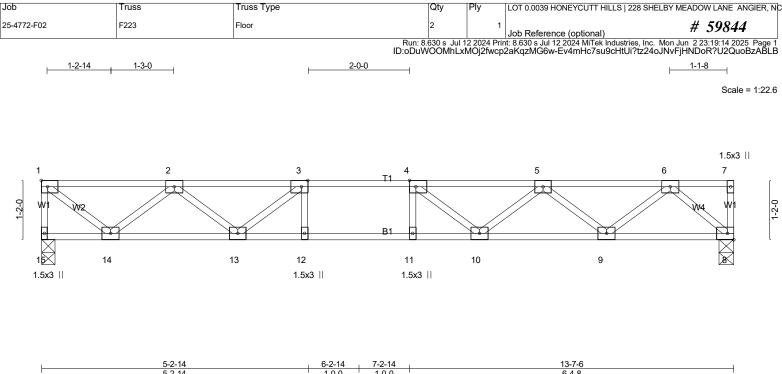
be attached to walls at their outer ends or restrained by other means.

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

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

# LOAD CASE(S) Standard





	5-2-14	1-0-0	1-0-0 '	6-4-8		
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Edge]					
LOADING         (psf)           TCLL         40.0           TCDL         10.0           BCLL         0.0           BCDL         5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.27 BC 0.53 WB 0.32 Matrix-SH	Vert(LL) -0.1	in (loc) l/defl L/d l010-11 >999 480 l310-11 >999 360 l2 8 n/a n/a	<b>PLATES</b> MT20 Weight: 67 lb	<b>GRIP</b> 244/190 FT = 20%F. 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF	P No.1(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d end verticals. Rigid ceiling directly applied	irectly applied or 6-	0-0 oc purlins, except

REACTIONS. (lb/size) 15=495/0-3-6 (min. 0-1-8), 8=495/0-3-8 (min. 0-1-8)

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

TOP CHORD 1-15=-492/0, 1-2=-528/0, 2-3=-1278/0, 3-4=-1571/0, 4-5=-1460/0, 5-6=-929/0

BOT CHORD 13-14=0/1014, 12-13=0/1571, 11-12=0/1571, 10-11=0/1571, 9-10=0/1308, 8-9=0/531

WEBS 3-13=-438/0, 2-13=0/347, 2-14=-633/0, 1-14=0/676, 4-10=-275/13, 5-9=-494/0, 6-9=0/518, 6-8=-706/0

NOTES- (4-5)

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

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

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

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

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

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

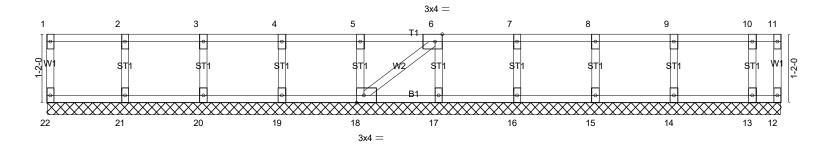
## LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0039 HONEYCUTT HILLS   22	28 SHELBY MEADOW LANE ANGIER, NC
25-4772-F02	F227	Floor Supported Gable	1	1	Job Reference (optional)	# 59844

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MTeH Industries, Inc. Mon Jun 2 23:19:14 2025 Page 1 ID:oDuWOOMhLxMOj2fwcp2aKqzMG6w-Ev4mHc7su9cHtUi?tz24oJNyRjPXDty?U2QuoBzABLB

Scale = 1:19.6



	12-0-14				
I			12-5-14		
Plate Offsets (X,Y)	[6:0-1-8,Edge], [18:0-1-8,Edge]				
· · ·					
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. ii	n (loc) l/defl L/d	PLATES GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.06	Vert(LL) n/a		MT20 244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.01	Vert(CT) n/a		211/100
			(-)		
BCLL 0.0	Rep Stress Incr YES	WB 0.03	Horz(CT) -0.00	0 17 n/a n/a	
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			Weight: 54 lb FT = 20%F, 11%E
LUMBER-			BRACING-		-
			TOP CHORD	Structural wood choothing	directly applied or 10-0-0 oc purlins, except
TOP CHORD 2x4 SP No.1(flat)			I OF CHORD	0	unectly applied of 10-0-0 oc pullins, except
BOT CHORD 2x4 SP No.1(flat)				end verticals.	
WEBS 2x4 S	P No.3(flat)		BOT CHORD	Rigid ceiling directly applie	ed or 10-0-0 oc bracing.

12-5-14

2x4 SP No.3(flat) OTHERS

REACTIONS. All bearings 12-5-14

(lb) - Max Uplift All uplift 100 lb or less at joint(s) 12

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

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

#### NOTES-(7)

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

2) Gable requires continuous bottom chord bearing.

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

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

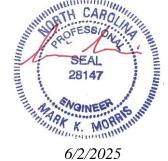
5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 12.

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

LOAD CASE(S) Standard

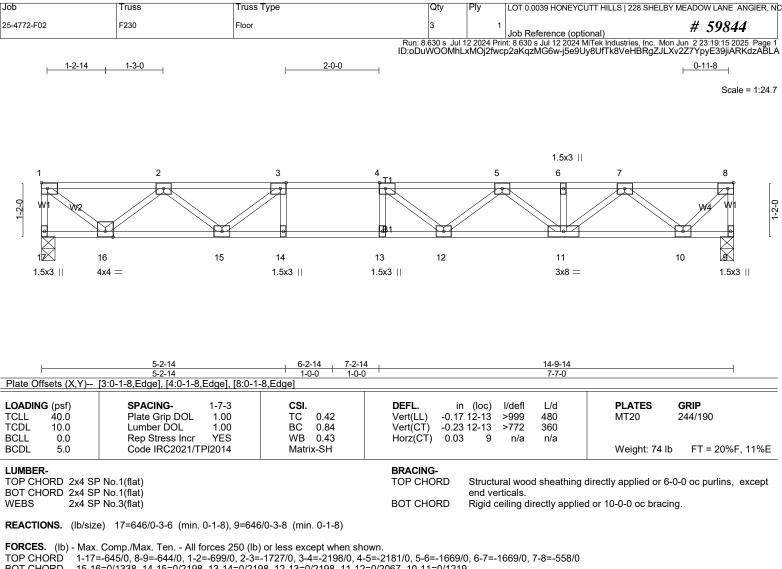


	<b>T</b>	T		Dha			
Job	Truss	Truss Type	Qty	Ply LOT	0.0039 HONEYCUTT H	ILLS   228 SHELBY I	MEADOW LANE ANGIER, NC
25-4772-F02	F228	Floor	3	1 Job	Reference (optional)		# 59844
<u>0-5-4 1-3-0</u>			Run: 8,630 s Jul ID:oDuWOOMf 2-0-0	12 2024 Print: 8.6 hLxMOj2fwcp2a	30 s Jul 12 2024 MiTek IKqzMG6w-Ev4mHc7	Industries, Inc. Mon , 7su9cHtUi?tz24oJf	Jun 2 23:19:14 2025 Page 1 NryjFrDl6?U2QuoBzABLB 0-5-8 Scale = 1:32.9
4x6 = 4x $1 2$ $4x6 = 4x$ $25 24$ $4x4 = 4x4$	4 = 3x8 F $71 3 4$ $71 4$ $723$	5 6 7 B B1 5 22 21 2			1.5x3    9 10 10 10 16 0HS FP= 3x8 =	11 B2 15 4x6	4x6 = 1.5x3    12 13 4x6 12 13 4x6 12 13 4x6 12 13 4x6 12 13 4x6 12 13 4x6 12 13 4x6 13 4x6 14 14 14 14 14 14 14 14 14 14
Plate Offsets (X,Y)	<u>9-8-4</u> 9-8-4 [1:Edge,0-1-8], [7:0-1-8,Edge]	, [8:0-1-8,Edge], [25:Edge,0-1-8	+ 10-8-4 + 11-8-4 + 1-0-0 + 1-0-0 ]		<u>20-0-4</u> 8-4-0		
LOADING         (psf)           TCLL         40.0           TCDL         10.0           BCLL         0.0           BCDL         5.0	SPACING- 1-7- Plate Grip DOL 1.0 Lumber DOL 1.0 Rep Stress Incr YES Code IRC2021/TPI201	0 TC 0.54 0 BC 0.69 6 WB 0.54	DEFL. in Vert(LL) -0.36 Vert(CT) -0.50 Horz(CT) 0.07	20 >660 20 >480	480 360	PLATES MT20 MT20HS Weight: 102 lb	<b>GRIP</b> 244/190 187/143 FT = 20%F, 11%E
			BRACING- TOP CHORD BOT CHORD	end verticals			-0 oc purlins, except j.
REACTIONS. (Ib/size	e) 25=872/Mechanical, 14=8	72/0-3-8 (min. 0-1-8)					
TOP CHORD 1-25= 6-7=- BOT CHORD 23-24 17-18 WEBS 7-21= 2-24= 11-15	-872/0, 1-2=-442/0, 2-3=-213 3980/0, 7-8=-4104/0, 8-9=-37 =0/1407, 22-23=0/2842, 21-2 =0/3387, 16-17=0/3387, 15-1 -468/166, 6-21=0/378, 6-22=	-567/0, 3-22=0/657, 3-23=-917/0 89/0, 9-18=0/517, 9-16=-713/0,	5-6=-3356/0, 18/0, 11-12=-1321/0 1=0/4104, 18-19=0/4104 0, 2-23=0/950,	4,			
<ol> <li>All plates are MT20</li> <li>All plates are 3x4 M</li> <li>Refer to girder(s) fc</li> <li>Recommend 2x6 si be attached to walli</li> <li>Graphical web brac the member must b</li> <li>Bearing symbols ar</li> </ol>	s at their outer ends or restrai ing representation does not d e braced.	ated. ed. at 10-0-0 oc and fastened to ea hed by other means. epict the size, type or the orienta ns of a possible bearing conditio	ation of the brace on th	e web. Symbo	l only indicates tha		
LOAD CASE(S) Stand	lard				"IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	SEAL	



Job	Truss	Truss Type	Qty	Ply LOT 0.0039 HONEYC	UTT HILLS   228 SHELB	Y MEADOW LANE ANGIER, NC		
25-4772-F02	F229	Floor	6	1		# 59844		
			Run: 8.630 s Jul 12	Job Reference (opt 2 2024 Print: 8.630 s Jul 12 2024	MiTek Industries, Inc. Mo	n Jun 2 23:19:15 2025 Page 1		
0-5-4 1-3-0				kMOj2fwcp2aKqzMG6w-j5e9l 2-0-0	Jy8Uf1k8VeHBRgZJL	Xv?z/auyEq9jiARKdzABLA		
						Scale = 1:27.3		
4x6 =	3x8 FP= 2 3 4	1.5x3    5 6	7	8	9	4x4 = 10		
				- El		ि नि		
NWI W2				$\square$		1-2-0		
		B1				BRA F		
, <del>on 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, </del>					¥	12		
21 20	19	18 2v8 —	17 16 1.5x3	15 14	13 3x8 FP=			
$4x4 \equiv$		3x8 =	1.5x3	1.5x3	3X8 FP-	4x4 = 1.5x3		
		9-8-4 9-8-4	10-8-4		<u>16-8-4</u> 5-0-0			
Plate Offsets (X,Y)	1:Edge,0-1-8], [7:0-1-8,Edg	ge], [8:0-1-8,Edge], [10:0-1-8,Edge]	e], [21:Edge,0-1-8]					
LOADING (psf)		7-3 <b>CSI</b> .		(loc) I/defl L/d	PLATES	GRIP		
TCLL 40.0 TCDL 10.0		.00 TC 0.59 .00 BC 0.77	Vert(LL) -0.26 2 Vert(CT) -0.36 2		MT20	244/190		
BCLL 0.0 BCDL 5.0	Rep Stress Incr Y Code IRC2021/TPI20	ES WB 0.44 014 Matrix-SH	Horz(CT) 0.04	11 n/a n/a	Weight: 84 II	o FT = 20%F, 11%E		
			DDACING					
LUMBER- TOP CHORD 2x4 SP	No.1(flat)		BRACING- TOP CHORD	Structural wood sheathing	directly applied or 6	-0-0 oc purlins, except		
BOT CHORD 2x4 SP B2· 2x4	SS(flat) *Except* SP No.1(flat)		end verticals. BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.					
	No.3(flat)							
REACTIONS. (Ib/size	) 21=726/Mechanical, 11=	=726/0-3-8 (min. 0-1-8)						
FORCES. (Ib) - Max.	Comp./Max. Ten All force	es 250 (lb) or less except when sh	nown.					
TOP CHORD 1-21=	-725/0, 10-11=-730/0, 1-2=	-363/0, 2-3=-1710/0, 3-4=-1710/0 2622/0, 8-9=-1921/0, 9-10=-661/0	), 4-5=-2559/0,					
BOT CHORD 19-20	=0/1154, 18-19=0/2237, 17	'-18=0/2855, 16-17=0/2622, 15-10						
	=0/1395, 12-13=0/1395 -301/0, 8-15=0/327, 7-17=-	128/410, 6-18=-377/0, 4-18=0/41	2. 4-19=-686/0.					
2-19=	0/724, 2-20=-1029/0, 1-20=	=0/764, 8-14=-924/0, 9-14=0/685,						
	=0/926							
NOTES- (5-6) 1) Unbalanced floor liv	e loads have been conside	red for this desian.						
2) All plates are 3x4 M	T20 unless otherwise indic	ated.						
4) Recommend 2x6 st		d at 10-0-0 oc and fastened to ea	ach truss with 3-10d (0.13	31" X 3") nails. Strongbacl	ks to			
	at their outer ends or restring representation does not	ained by other means. t depict the size, type or the orien	tation of the brace on the	web Symbol only indicate	es that			
the member must b	e braced.							
	e only graphical representation to support the loads indicate	tions of a possible bearing condit ed.	uon. Bearing symbols are	not considered in the strue	ciural			
LOAD CASE(S) Stand	lard					HIII.		
• • • • • • • • • • • • • • • • •					WHUTH CA	APO		





BOT CHORD 15-16=0/1338, 14-15=0/2198, 13-14=0/2198, 12-13=0/2198, 11-12=0/2067, 10-11=0/1219

WEBS 3-15=-663/0, 2-15=0/506, 2-16=-833/0, 1-16=0/895, 4-12=-261/150, 5-12=0/252, 5-11=-509/0, 7-11=0/573, 7-10=-861/0. 8-10=0/797

NOTES-(4-5)

- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 3x4 MT20 unless otherwise indicated.

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

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

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty Ply LOT 0.0039 HONEYCUTT HILLS   228 SHELBY MEADOW LANE ANGIER, I
25-4772-F02	F231	Floor	5 1 Job Reference (optional) # 59844
<u> </u>	<u>- 1-3-0</u>	2-0-0	Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Mon Jun 2 23:19:15 2025 Page ID:oDuWOOMhLxMOj2fwcp2aKqzMG6w-j5e9Uy8UfTk8VeHBRgZJLXvyf7XkyCL9jiARKdzABL 0-6-8 Scale = 1:30.
$4x4 = 1$ $1$ $1$ $1$ $222$ $2$ $1.5x3 \parallel 4$	2 2 1 2 20 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	3 T1 4 B1 19 18 1.5x3    1.5x3	4x4 = $3x8 FP = 1.5x3    1.5x3    1.5x3   $ $5 6 7 8 T2 9 10 11$ $10 44 =$ $17 16 15 14 13 12$ $3x8 = 3x8 FP = 4x4 =$
LOADING (psf) TCLL 40.0	Plate Grip DOL	-7-3 <b>CSI.</b> 1.00 TC 0.80	18-1-14           10-11-0           DEFL.         in (loc)         l/defl         L/d         PLATES         GRIP           Vert(LL)         -0.35 17-18         >620         480         MT20         244/190
TCDL         10.0           BCLL         0.0           BCDL         5.0		1.00         BC         0.90           YES         WB         0.54           2014         Matrix-SH	Vert(CT) -0.48 17-18 >451 360 Horz(CT) 0.05 12 n/a n/a Weight: 90 lb FT = 20%F, 11%E
			BRACING- TOP CHORDStructural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals.BOT CHORDRigid ceiling directly applied or 10-0-0 oc bracing.
FORCES.         (lb)         Max           TOP CHORD         1-22         6-7           BOT CHORD         20-2         14-1           WEBS         3-19         4-17           10-1         10-1         10-1	<ul> <li>Comp./Max. Ten All for</li> <li>2=-795/0, 1-2=-880/0, 2-3=-</li> <li>=-3223/0, 7-8=-2533/0, 8-9=</li> <li>21=0/1677, 19-20=0/3062, 1</li> <li>5=0/1977, 13-14=0/1977, 13-14=0/1977, 13-14=0/1977, 3=0</li> <li>=0/383, 4-18=-357/0, 3-20=</li> </ul>	8-19=0/3062, 17-18=0/3062, 16-1	5-6=-3223/0, 7=0/3467, 15-16=0/2976, /0, 1-21=0/1127,
<ul><li>2) All plates are 3x4</li><li>3) Recommend 2x6</li><li>be attached to wa</li></ul>	Ils at their outer ends or res	cated. ed at 10-0-0 oc and fastened to ea	ach truss with 3-10d (0.131" X 3") nails. Strongbacks to

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

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

LOAD CASE(S) Standard

