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 #: 50514 JOB: 24-5967-F02 JOB NAME: LOT 0.0041 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. *18 Truss Design(s)*

Trusses:

F201, F202, F203, F205, F206, F207, F208, F209, F210, F211, F212, F213, F214, F215, F216, F217, F218, F219



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

Job	Truss	Truss Type	Qt	/ Ply	/ [OT 0.0041 HONEYCUTT HILLS	S 188 SHELBY MEADO	W LANE ANGIER, NC
24-5967-F02	F201	Floor Supported Gable	1		1	Job Reference (optional)		50514
			Run: 8.430 s ID:6SrU	Feb 12 20 sNRKh5as	21 Print: sUkfHKI	8.430 s Feb 12 2021 MiTek Indu HR8skysYGd-PN?tmrJwvZa	ustries, Inc. Thu Jul 11 2 Exoj_40ES0E70prY	0:58:16 2024 Page 1 /h7Cr0YasIsQyz1fL
0 ₁ 1-8								0-3-4
								Scale = 1:26.5
	Зх8	FP=	3x4 =				3x6	4x6
1 2	3 4	6 7	8 9		10 T2	11 12	13 14	1516 17
	ST1 ST1	* 0 0 ST1 ST1 W B1 0 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			ST1	ST1 ST1 BZ5 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
31 30	29 28	27 26	25 24	23	22	21 20	19	18
3x4		3x4 =		3x8 FI	P=			3x4 =
			16-3-8					<u>16-</u> 6-12 0-3-4
Plate Offsets (X,Y) [8:0-	1-8,Edge], [26:0-1-8,Edge], [31:Edge,0-1-8]	16-3-8					0-3-4
LOADING (psf)	SPACING- 2-0-0		DEFL.	in (lo	oc) //	defl L/d P	PLATES GRIP	

LUMBER TOP CH		P No.1(flat)		BRACING- TOP CHORD	Structu end ver		d sheathing	5	0-0 oc purlins, except
BCLL BCDL	0.0 5.0	Rep Stress Incr YES Code IRC2021/TPI2014	WB 0.03 Matrix-SH	Horz(CT) 0.0) 18	n/a	n/a	Weight: 74 lb	FT = 20%F. 11%E
TCDL	10.0	Lumber DOL 1.00	BC 0.01	Vert(CT) 0.0) 16	n/r	80		
TCLL	40.0	Plate Grip DOL 1.00	TC 0.06	Vert(LL) 0.0) 16	n/r	180	MT20	244/190

2x4 SP No.3(flat) WEBS 2x4 SP No.3(flat) OTHERS

BOT CHORD

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

REACTIONS. All bearings 16-6-12.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 31, 18, 30, 29, 28, 27, 26, 25, 24, 22, 21, 20, 19

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

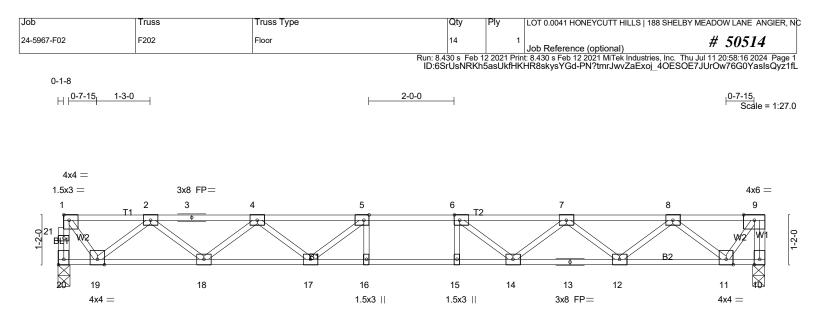
NOTES-(7-8)

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) CAUTION, Do not erect truss backwards.
- 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.
- 8) 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





	7-3-7 7-3-7	1	-3-7 9-3-7		6-14 3-7	
Plate Olisets (X,Y)	[1:Edge,0-1-8], [5:0-1-8,Edge], [6:0-1	-8,Edgej, [20:Edge,0-1-8				
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.33 BC 0.70 WB 0.39 Matrix-SH	Vert(LL) -0.1	n (loc) l/defl L/d 7 15-16 >999 480 3 15-16 >842 360 4 10 n/a n/a	PLATES GRIP MT20 244/1 Weight: 83 lb FT	90 ⁻ = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SI BOT CHORD 2x4 SI WEBS 2x4 SI			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing o end verticals. Rigid ceiling directly applied		purlins, except

2x4 SP No.3(flat)

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

REACTIONS. (Ib/size) 20=713/0-3-6 (min. 0-1-8), 10=718/0-3-8 (min. 0-1-8)

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

TOP CHORD 20-21=-713/0, 1-21=-712/0, 9-10=-716/0, 1-2=-495/0, 2-3=-1784/0, 3-4=-1784/0, 4-5=-2539/0, 5-6=-2786/0, 6-7=-2539/0, 7-8=-1784/0, 8-9=-493/0

18-19=0/1257, 17-18=0/2286, 16-17=0/2786, 15-16=0/2786, 14-15=0/2786, 13-14=0/2286, 12-13=0/2286, 11-12=0/1258 BOT CHORD 5-17=-491/0, 4-17=0/394, 4-18=-654/0, 2-18=0/686, 2-19=-992/0, 1-19=0/793, 6-14=-491/0, 7-14=0/394, 7-12=-653/0, WEBS

8-12=0/685. 8-11=-996/0. 9-11=0/819

NOTES-(5-6)

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

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.

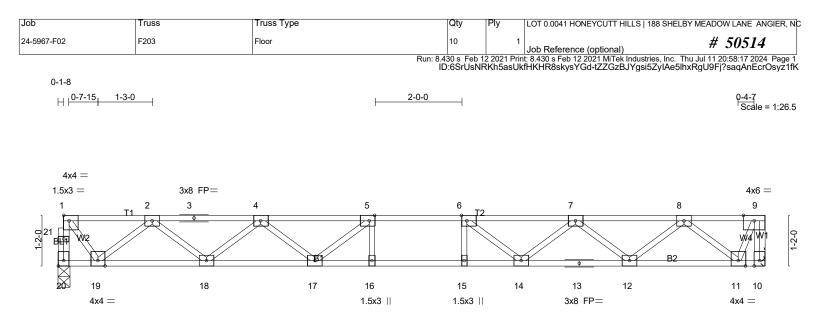
4) CAUTION, Do not erect truss backwards.

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





	7-3-7		1-0-0 1-0-0		11-15	
Plate Offsets (X,Y)	[1:Edge,0-1-8], [5:0-1-8,Edge], [6:0-1	-8,Edge], [20:Edge,0-1-8	1			
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.34 BC 0.71 WB 0.37 Matrix-SH	Vert(LL) -0.1	2 15-16 >873 360	PLATES MT20 Weight: 82 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing c end verticals. Rigid ceiling directly appliec			

8-3-7

9-3-7

REACTIONS. (lb/size) 20=700/0-3-6 (min. 0-1-8), 10=705/Mechanical

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

7-3-7

TOP CHORD 20-21=-700/0, 1-21=-699/0, 9-10=-706/0, 1-2=-485/0, 2-3=-1744/0, 3-4=-1744/0, 4-5=-2468/0, 5-6=-2686/0, 6-7=-2411/0, 7-8=-1623/0, 8-9=-311/0

18-19=0/1231, 17-18=0/2233, 16-17=0/2686, 15-16=0/2686, 14-15=0/2686, 13-14=0/2141, 12-13=0/2141, 11-12=0/1079 BOT CHORD 5-17=-459/0, 4-17=0/374, 4-18=-636/0, 2-18=0/667, 2-19=-971/0, 1-19=0/777, 6-14=-509/0, 7-14=0/406, 7-12=-674/0, WEBS

8-12=0/709. 8-11=-999/0. 9-11=0/725

NOTES-(6-7)

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

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

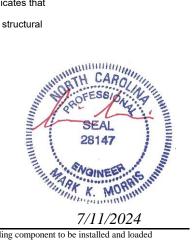
be attached to walls at their outer ends or restrained by other means.

5) CAUTION, Do not erect truss backwards.

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



16-3-6

Job	Truss	Truss Type	Qty	Ply	LOT 0.0041 HONEYCU	JTT HILLS 188 SHELE	BY MEADOW LAN	NE ANGIER, NC
24-5967-F02	F205	Floor Supported Gable	1	1	Job Reference (optio		# 50	
0-1-8		1	Run: 8.430 s Fe ID:6SrU	b 12 2021 Prir NRKh5asUk	fHKHR8skysYGd-tZZ	/iTek Industries, Inc. Ti /GZBJYgsi5ZyIAe5lh	hu Jul 11 20:58:1 IxRgYCFuxsf1/	7 2024 Page 1 AnEcrOsyz1fK
							S	Scale = 1:26.5
	3x8 FP=		3x4 =					3x4
1 2 T1	3 4 5	6 7	8 9 <u>-</u>	2 10	11	12 1	3	14 În
		ST1 ST1 W2	ST1 ST1	ST1		B2		3 1-2-0
28 27	26 25	24 23	22 21	20 19	18		6	15
3x4		3x4 =		3x8 FP=				3x4
ļ			<u>16-3-6</u> 16-3-6					
Plate Offsets (X,Y) [8:	0-1-8,Edge], [23:0-1-8,Edge], [28:Edge,0-1-8]	1					
LOADING (psf) TCLL 40.0 TCDL 10.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00	TC 0.08		in (loc) /a - /a -	l/defl L/d n/a 999 n/a 999	PLATES MT20	GRIP 244/190	

LUMBER-

BCLL

BCDL

TOP CHORD2x4 SP No.1(flat)BOT CHORD2x4 SP No.1(flat)WEBS2x4 SP No.3(flat)OTHERS2x4 SP No.3(flat)

0.0

5.0

BRACING-TOP CHORD S BOT CHORD F

Horz(CT)

0.00

15

n/a

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

Weight: 71 lb

FT = 20%F, 11%E

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

n/a

REACTIONS. All bearings 16-3-6.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 28, 15, 27, 26, 25, 24, 23, 22, 21, 19, 18, 17, 16

WB

Matrix-SH

0.04

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

YES

Rep Stress Incr

Code IRC2021/TPI2014

NOTES- (7-8)

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) CAUTION, Do not erect truss backwards.

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.

8) 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.

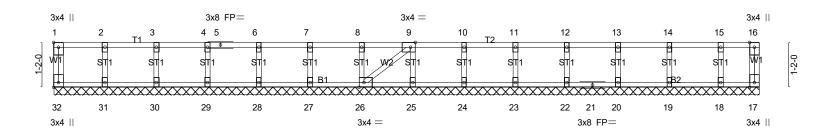
LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0041 HONEYCUTT HILLS 188 SHELBY MEADOW LANE ANGIER, N	¢
24-5967-F02	F206	Floor Supported Gable	1	1	Job Reference (optional) # 50514	

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Thu Jul 11 20:58:18 2024 Page 1 ID:6SrUsNRKh5asUkfHKHR8skysYGd-LI7eBXKBRAqyA6tNBpHwTfCjGfDCb6KJ0uLPwlyz1fJ

Scale = 1:29.9



			18-4-0		
r			18-4-0		
Plate Offsets (X,Y)	[1:Edge,0-1-8], [9:0-1-8,Edge], [26:0-	1-8,Edge], [32:Edge,0-1-8	81		
			4		
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. i	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 - n/a 999	
BCLL 0.0	Rep Stress Incr YES	WB 0.03	Horz(CT) -0.0	0 26 n/a n/a	
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			Weight: 80 lb FT = 20%F, 11%E
LUMBER-			BRACING-		
TOP CHORD 2x4 SF			TOP CHORD		g directly applied or 10-0-0 oc purlins, except
BOT CHORD 2x4 SF				end verticals.	
WEBS 2x4 SF	P No.3(flat)		BOT CHORD	Rigid ceiling directly appl	ied or 10-0-0 oc bracing.

.....

OTHERS 2x4 SP No.3(flat)

REACTIONS. All bearings 18-4-0.

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

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

NOTES- (6-7)

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

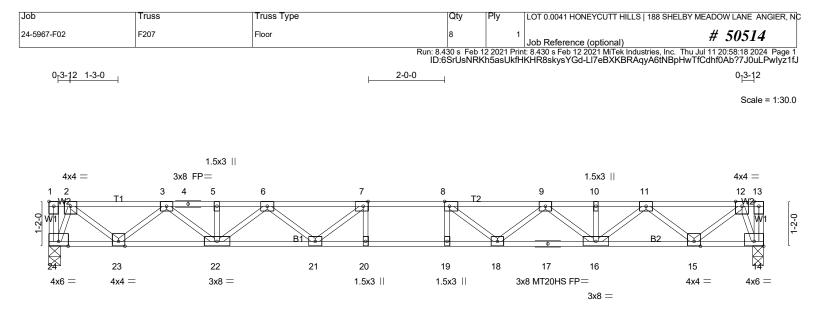
- 2) Gable requires continuous bottom chord bearing.
- 3) Truss to be fully sheathed from one face or securely braced against lateral movement (i.e. diagonal web).

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





	8-3-12 8-3-12 [1:Edge,0-1-8], [7:0-1-8,Edge], [8:0-1-	1-	3-12 10-3-12 -0-0 1-0-0		
Plate Offsets (A, f)	[1.Euge,0-1-0], [7.0-1-0,Euge], [0.0-1-	-o,Eugej, [14.Euge,0-1-o			
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.42 BC 0.84 WB 0.49 Matrix-SH	Vert(LL) -0.2	n (loc) l/defl L/d 7 19-20 >829 480 7 19-20 >601 360 6 14 n/a n/a	PLATES GRIP MT20 244/190 MT20HS 187/143 Weight: 97 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing c end verticals. Rigid ceiling directly appliec	lirectly applied or 6-0-0 oc purlins, except

WEBS 2x4 SP No.3(flat)

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

REACTIONS. (Ib/size) 24=808/0-3-8 (min. 0-1-8), 14=808/0-3-8 (min. 0-1-8)

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

TOP CHORD 2-3=-1161/0, 3-4=-2525/0, 4-5=-2525/0, 5-6=-2525/0, 6-7=-3284/0, 7-8=-3536/0, 8-9=-3284/0, 9-10=-2525/0,

- 10-11=-2525/0, 11-12=-1161/0 BOT CHORD 23-24=0/365, 22-23=0/1935, 21-22=0/3026, 20-21=0/3536, 19-20=0/3536, 18-19=0/3536, 17-18=0/3026, 16-17=0/3026, 15-16=0/1935, 14-15=0/365
- WEBS 7-21=-541/19. 6-21=0/429. 6-22=-640/0. 3-22=0/753. 3-23=-1007/0. 2-23=0/1036. 2-24=-943/0. 8-18=-541/19.

9-18=0/429, 9-16=-640/0, 11-16=0/753, 11-15=-1007/0, 12-15=0/1036, 12-14=-943/0

NOTES-(5-6)

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

2) All plates are MT20 plates unless otherwise indicated.

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

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
```



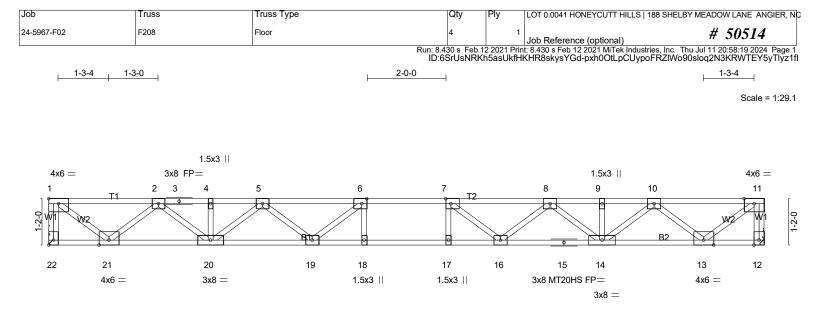


Plate Offsets (X,Y)	8-0-4 8-0-4 [1:Edge,0-1-8], [6:0-1-8,Edge], [7:0-1	1-0	D-4 10-0-4 D-0 1-0-0	18-0 8-0-	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.39 BC 0.80 WB 0.55 Matrix-SH	Vert(LL) -0.2	n (loc) l/defl L/d 4 17-18 >905 480 3 17-18 >656 360 6 12 n/a n/a	PLATES GRIP MT20 244/190 MT20HS 187/143 Weight: 92 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d end verticals. Rigid ceiling directly applied	irectly applied or 6-0-0 oc purlins, except or 10-0-0 oc bracing.

REACTIONS. (Ib/size) 22=782/Mechanical, 12=782/Mechanical

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

TOP CHORD 1-22=-777/0, 11-12=-777/0, 1-2=-923/0, 2-3=-2299/0, 3-4=-2299/0, 4-5=-2299/0, 5-6=-3063/0, 6-7=-3314/0,

7-8=-3063/0, 8-9=-2299/0, 9-10=-2299/0, 10-11=-923/0

BOT CHORD 20-21=0/1731, 19-20=0/2805, 18-19=0/3314, 17-18=0/3314, 16-17=0/3314, 15-16=0/2805, 14-15=0/2805, 13-14=0/1731 WEBS 6-19=-528/6, 5-19=0/420, 5-20=-646/0, 2-20=0/726, 2-21=-1051/0, 1-21=0/1152, 7-16=-528/6, 8-16=0/420, 8-14=-646/0, 10-14=0/726, 10-13=-1051/0, 11-13=0/1152

NOTES- (6-7)

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

All plates are MT20 plates unless otherwise indicated.

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

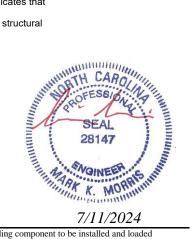
4) Refer to girder(s) for truss to truss connections.

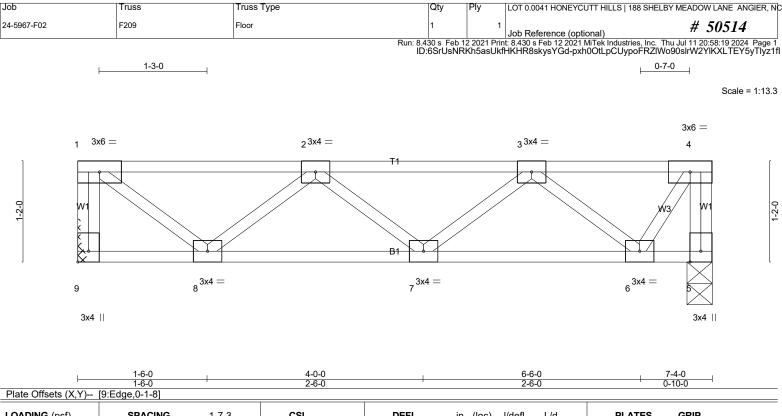
5) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

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





LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI. TC 0.22 BC 0.11 WB 0.18 Matrix-P	DEFL. in (loc) l/defl L/d Vert(LL) -0.01 7 >999 480 Vert(CT) -0.01 7 >999 360 Horz(CT) 0.00 5 n/a n/a	MT20 244/190
LUMBER- TOP CHORD 2x4 SF			BRACING- TOP CHORD Structural wood shea	athing directly applied or 6-0-0 oc purlins, except

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

BOT CHORD

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

REACTIONS. (lb/size) 9=311/Mechanical, 5=311/0-3-8 (min. 0-1-8)

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

TOP CHORD 1-9=-307/0, 4-5=-312/0, 1-2=-295/0, 2-3=-510/0

BOT CHORD 7-8=0/543, 6-7=0/453

WEBS 1-8=0/370, 2-8=-323/0, 3-6=-367/0, 4-6=0/304

NOTES-(3-4)

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

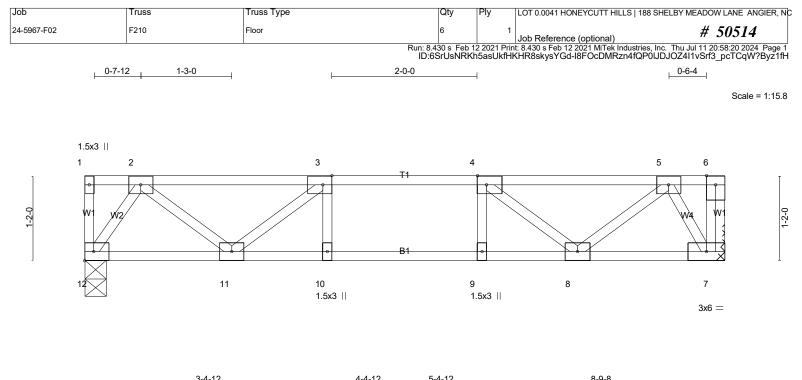
be attached to walls at their outer ends or restrained by other means.

3) 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





L	3-4-12	4-4-12	5-4-12		-9-8
	3-4-12	1-0-0	1-0-0	3-	-4-12
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	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	CSI. TC 0.18 BC 0.26 WB 0.16	DEFL. ir Vert(LL) -0.03 Vert(CT) -0.04 Horz(CT) 0.01	10 >999 360	PLATES GRIP MT20 244/190
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			Weight: 45 lb FT = 20%F, 11%
LUMBER- TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat)			BRACING- TOP CHORD	Structural wood sheathing end verticals.	directly applied or 6-0-0 oc purlins, excep
	P No.3(flat)		BOT CHORD	Rigid ceiling directly applie	d or 10-0-0 oc bracing.

REACTIONS. (lb/size) 7=378/Mechanical, 12=378/0-3-8 (min. 0-1-8)

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

TOP CHORD 2-3=-522/0, 3-4=-767/0, 4-5=-510/0

BOT CHORD 11-12=0/269, 10-11=0/767, 9-10=0/767, 8-9=0/767

WEBS 3-11=-319/0, 2-11=0/329, 2-12=-478/0, 4-8=-331/0, 5-8=0/339, 5-7=-473/0

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.

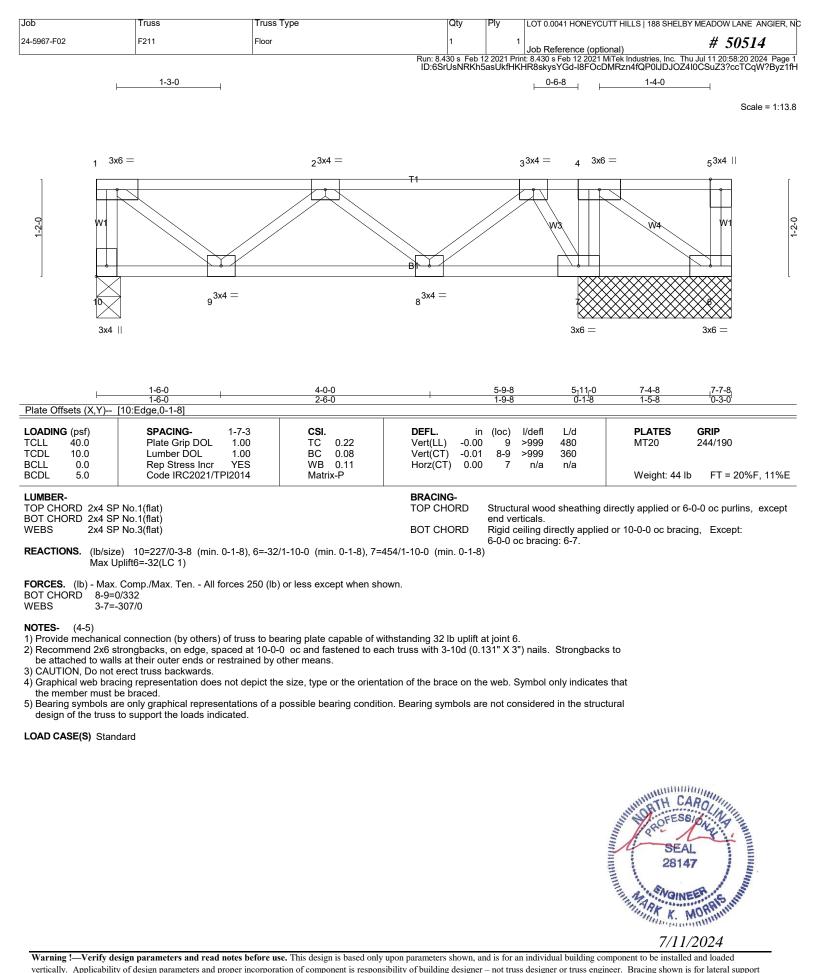
4) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

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





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.

7/11/2024

Job	Truss	Truss Type	Qty	Ply LOT	0.0041 HONEYCU	JTT HILLS 188 SHELBY	MEADOW LANE ANGIER, NC
24-5967-F02	F212	Floor	2	1	Defenence (enti	anal)	# 50514
			Run: 8.430 s Feb 1	2 2021 Print: 8.43	Reference (opti 0 s Feb 12 2021 I sVGd-mKpmp7	ViTek Industries, Inc. Thu	Jul 11 20:58:21 2024 Page 1 AOsCPoPLmisa3Xdyz1fG
1-3-0		0-6-12 0-9-8	12.001031414(104		2-0-0		0-6-4
							Scale = 1:25.9
	3x8 FP:	=					
1 ^{3x6} =	2 3	4 5 ^{3x6} =	6	T2 7		8	9 10
				 		- R	
140-0		W3 W4					
				0	B2		
22 20	19	17	16 15	14		13 12	11
		3x6 =	3x8 FP=	1.5x3		1.5x3	3x6 =
L	5-11-4	1	10-8-12		8-12 12-8-12		
Plate Offsets (X,Y)	5-11-4 [7:0-1-8,Edge], [8:0-1-8,Edge],	[21:Edge,0-1-8]	4-9-8	' 1-	0-0 1-0-0	3-4-1	2
LOADING (psf)	SPACING- 1-7-3		DEFL. in	(loc) l/defl	L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.26	Vert(LL) -0.03	<u>)</u> 13 >999	480	MT20	244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.00 Rep Stress Incr YES	WB 0.27	Vert(CT) -0.03 Horz(CT) 0.01	13 >999 11 n/a	360 n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH				Weight: 85 lb	FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF	PNo.1(flat)		BRACING- TOP CHORD	Structural wo	od sheathing	directly applied or 6-0)-0 oc purlins, except
BOT CHORD 2x4 SF			BOT CHORD	end verticals		d or 6-0-0 oc bracing.	
		40-002/0 2 0 (min 0 4 0) 4		rugiu ooning			
Max U	e) 21=132/0-3-8 (min. 0-1-8) plift21=-45(LC 4)		1=371/Mechanical				
Max G	rav 21=215(LC 8), 18=896(LC	7), 11=376(LC 4)					
	Comp./Max. Ten All forces 2 148/339, 3-4=-148/339, 4-5=0/						
BOT CHORD 19-20)=-182/302, 18-19=-544/0, 17-	18=-788/0, 16-17=0/258, 15-1	6=0/258, 14-15=0/759, 1				
	=-533/0, 2-19=-367/0, 4-19=0/3 =0/335, 9-11=-472/0	90, 4-18=-444/0, 7-15=-330/0	, 6-15=0/341, 6-17=-652	/0, 5-17=0/56	9, 8-12=-322/0	,	
NOTES- (7-8)							
1) Unbalanced floor li	ve loads have been considered /T20 unless otherwise indicate						
3) Refer to girder(s) for	or truss to truss connections.						
	I connection (by others) of trus trongbacks, on edge, spaced a				s. Strongback	s to	
	s at their outer ends or restrain erect truss backwards.	ed by other means.					
	cing representation does not de	epict the size, type or the orien	tation of the brace on th	e web. Symbo	•		
8) Bearing symbols ar	e only graphical representation		tion. Bearing symbols ar	e not consider	ed in the struc	tural	
design of the truss	to support the loads indicated.					MULTINI	liliter
LOAD CASE(S) Stand	dard					INNERTH CA	POLINI
						THE OFESSI	ONG S IN
						SEAL	
						28147	
						tural	POLITIC INTERNATION
						Mining K. M	annun.

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.

7/11/2024

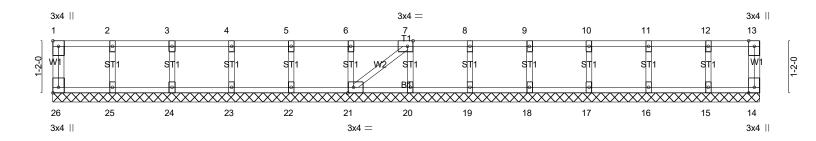
Job	Truss	Truss Type	Q	ty Ply	LOT 0.0041 HONEYC	UTT HILLS 188 SHELE	BY MEADOW LANE ANGIER, NC
24-5967-F02	F213	Floor	5		1 Job Reference (opt	ional)	# 50514
L	I	1	Run: 8.430	s Feb 12 2021 I NRKh5asl JkfH	Print: 8.430 s Feb 12 2021	MiTek Industries, Inc. T	hu Jul 11 20:58:21 2024 Page 1 5HqB_sBqoRfmisa3Xdyz1fG
1-3-0		9-0 ₁	<u>6-12</u> 0-6-0		2-0-0		
· · · ·					ſ		0
							Scale = 1:25.4
			a				
1 ^{3x6} =	2	3	3x6 = 4 5		6	7	8 9
					2	Isl	
2 W1		y y	V3 W4	//		$\square = \square =$	₩1 1-2-0
			В1	6	6		÷
19 18	17	16	14		13	12 11	10
			3x6 =	1	.5x3	1.5x3	3x6 =
	7-2-4		10-5-4		11-5-4 12-5-4		10-0
Plate Offsets (X,Y)	7-2-4 [6:0-1-8,Edge], [7:0-1-8,E	dge], [19:Edge,0-1-8]	3-3-0		' 1-0-0 ' 1-0-0	3-4	4-12
LOADING (psf)	SPACING-	1-7-3 CSI .	DEFL.	in (loc)	l/defl L/d	PLATES	GRIP
TCLL ⁴ 0.0 TCDL 10.0	Plate Grip DOL Lumber DOL	1.00 TC 0.22 1.00 BC 0.27		-0.03 12 -0.04 12	>999 480	MT20	244/190
BCLL 0.0	Rep Stress Incr	YES WB 0.19		0.04 12	n/a n/a		
BCDL 5.0	Code IRC2021/TP	2014 Matrix-SH				Weight: 83 I	b FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF	P No 1(flat)		BRACING- TOP CHO		tural wood sheathing	directly applied or f	6-0-0 oc purlins, except
BOT CHORD 2x4 SF	P No.1(flat)			end v	erticals.	• • • •	
WEBS 2x4 SF	P No.3(flat)		BOT CHO	Rigid	ceiling directly applie	d or 6-0-0 oc bracir	ng.
	e) 19=267/Mechanical, 1 Grav 19=304(LC 8), 10=34	0=339/Mechanical, 15=765/0	0-3-8 (min. 0-1-8)				
			L L				
		ces 250 (lb) or less except w 483/0, 4-5=0/440, 5-6=-331/0		0			
		5-16=-440/0, 13-14=0/645, 1 =-313/0, 3-16=-458/0, 4-16=0			5=-480/0 8-11=0/284		
	=-450/0		,,	,		,	
NOTES- (6-7)							
	ve loads have been consi MT20 unless otherwise inc						
3) Refer to girder(s) for	or truss to truss connectio	าร.	id to each truce with 2.1	04 (0 121" V	2") poile Stronghool	ia ta	
be attached to wall	s at their outer ends or re-	ced at 10-0-0 oc and fastene strained by other means.	a to each truss with 3-10	Ju (U. IST X	o jinalis. Suongpack	10	
	erect truss backwards. cing representation does r	ot depict the size, type or the	orientation of the brace	on the web.	Symbol only indicate	s that	
the member must b	be braced.	tations of a possible bearing					
	to support the loads indic		condition. Deaning symb			Jula	
LOAD CASE(S) Stan	dard						
						WHINTER TH C.	APO
						W QIT	and the



Job	Truss	Truss Type	Qty	Ply	LOT 0.0041 HONEYCUTT HILLS 188 SHELBY MEADOW LANE ANGIER, N	٩Ľ
24-5967-F02	F214	Floor Supported Gable	1	1	Job Reference (optional) # 50514	

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Thu Jul 11 20:58:21 2024 Page 1 ID:6SrUsNRKh5asUkfHKHR8skysYGd-mKpmpZN3k5CW1Zbytxqd5HqEVsFvoT4misa3Xdyz1fG

Scale = 1:25.8



			15-9-14 15-9-14		I
Plate Offsets (X,Y)	[1:Edge,0-1-8], [7:0-1-8,Edge], [21:0-	1-8,Edge], [26: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	a - n/a 999	PLATES GRIP MT20 244/190 Weight: 70 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			BRACING- TOP CHORD BOT CHORD	end verticals.	ng directly applied or 10-0-0 oc purlins, except lied or 10-0-0 oc bracing.

2x4 SP No.3(flat) OTHERS

REACTIONS. All bearings 15-9-14.

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

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

NOTES-(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.

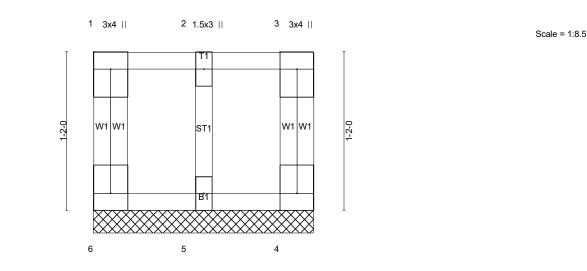
7) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0041 HONEYCUTT HILLS 188 SHELBY ME	ADOW LANE ANGIER, NC
24-5967-F02	F215	GABLE	1	1	Job Reference (optional)	# 50514
		Dum 9	100 a Lab	10 0001 Dain	t: 9 420 a Eab 12 2021 MiTak Industrias Inc. Thu Jul	11 00-E0-01 0004 Dama 1

Run: 8.430 s Feb 12 2021 Print: 8.430 s Feb 12 2021 MiTek Industries, Inc. Thu Jul 11 20:58:21 2024 Page 1 ID:6SrUsNRKh5asUkfHKHR8skysYGd-mKpmpZN3k5CW1Zbytxqd5HqEsFyoTLmisa3Xdyz1fG



3x4 || 1.5x3 || 3x4 ||



Plate Offsets (X,Y)	[1:Edge,0-1-8], [6:Edge,0-1-8]	1			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	CSI. TC 0.01 BC 0.00 WB 0.02	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	a - n/a 999 a - n/a 999	PLATES GRIP MT20 244/190
BCDL 5.0	Code IRC2021/TPI2014	Matrix-R			Weight: 12 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF	PNo.1(flat)		BRACING- TOP CHORD	end verticals.	ing directly applied or 1-7-8 oc purlins, except
	² No.3(flat) ² No.3(flat)		BOT CHORD	Rigid ceiling directly ap	plied or 10-0-0 oc bracing.

REACTIONS. (lb/size) 6=38/1-7-8 (min. 0-1-8), 4=38/1-7-8 (min. 0-1-8), 5=74/1-7-8 (min. 0-1-8)

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



Job	Truss	Truss Type	Qty	Ply	LOT 0.0041 HONEYCUTT	HILLS 188 SHELBY I	MEADO	WLANE ANGIER, NC
24-5967-F02	F216	Floor Supported Gable	1	1	Job Reference (option	al)	#	50514
			Run: 8.430 s Fet	0 12 2021 Prir asl JkfHKHF	nt: 8.430 s Feb 12 2021 MiT R8skysYGd-EWN90uNh	ek Industries, Inc. Thu VPKNfiA8QeI seVNF	Jul 11 20 PEGb82):58:22 2024 Page 1 (wKyxW.Jc33yz1fF
							. 0.00	0 ₁ -8
								Scale = 1:21.2
3x4			3x4 =					
1 2	3	4 5	6 T1 -	7	8	9	10	11
	•	•		•	•	•	•	
0- ₩1 ST	1 ST1	ST1 ST1 W2	ST1	ST1	ST1	ST1	ST1	23 BL1
╡┟┤ 凵							Ц	
22 21	20	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXXXX 17	XXXXX 16	XXXXXXXXXXX 15		XXX 13	12
3x4		3x4 =						3x4

Plate Offsets (X,Y)	[1:Edge,0-1-8], [6:0-1-8,Edge], [18:0-	1-8,Edge], [22:Edge,0-1-8	13-0-6 13-0-6 3]		
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. ii Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	a - n/a 999	PLATES GRIP MT20 244/190 Weight: 58 lb FT = 20%F, 11%E
			BRACING- TOP CHORD BOT CHORD	end verticals.	thing directly applied or 6-0-0 oc purlins, except applied or 10-0-0 oc bracing.

REACTIONS. All bearings 13-0-6.

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

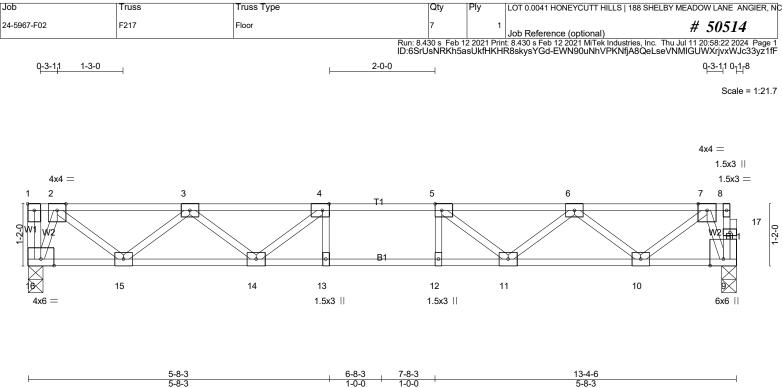
FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown.

NOTES- (7-8)

- 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) CAUTION, Do not erect truss backwards.
- 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.
- 8) 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





LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	CSI. TC 0.25 BC 0.49 WB 0.33	DEFL. in (loc) l/defl L/d Vert(LL) -0.09 13-14 >999 480 Vert(CT) -0.11 13-14 >999 360 Horz(CT) 0.02 9 n/a n/a	PLATES GRIP MT20 244/190
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH		Weight: 69 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SI BOT CHORD 2x4 SI			BRACING- TOP CHORD Structural wood sheathing end verticals.	directly 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) 16=577/0-3-8 (min. 0-1-8), 9=572/0-3-6 (min. 0-1-8)

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

- TOP CHORD 2-3=-789/0, 3-4=-1548/0, 4-5=-1794/0, 5-6=-1548/0, 6-7=-789/0
- BOT CHORD 15-16=0/261, 14-15=0/1296, 13-14=0/1794, 12-13=0/1794, 11-12=0/1794, 10-11=0/1296, 9-10=0/260
- 4-14=-419/0, 3-14=0/350, 3-15=-659/0, 2-15=0/688, 2-16=-680/0, 5-11=-419/0, 6-11=0/350, 6-10=-659/0, 7-10=0/688, WEBS

NOTES-(5-6)

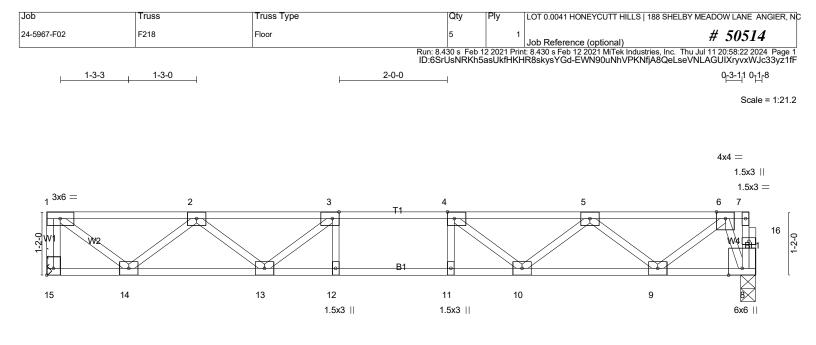
- 1) Unbalanced floor live loads have been considered for this design.
- 2) All plates are 3x4 MT20 unless otherwise indicated.

7-9=-691/0

- 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) CAUTION, Do not erect truss backwards.
- 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





L	5-4-11	6-4-11	7-4-11	13-0-	
	5-4-11	1-0-0	1-0-0	5-8-	-3
Plate Offsets (X,Y)	[3:0-1-8,Edge], [4:0-1-8,Edge], [15:Ed	dge,0-1-8]			
LOADING (psf)	SPACING- 1-7-3	CSI.		in (loc) l/defl L/d	PLATES GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.26	()	09 10-11 >999 480	MT20 244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.00 Rep Stress Incr YES	BC 0.51 WB 0.38	Vert(CT) -0. Horz(CT) 0.0	11 10-11 >999 360)2 8 n/a n/a	
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			Weight: 67 lb FT = 20%F, 11%E
LUMBER-			BRACING-		·
TOP CHORD 2x4 SF BOT CHORD 2x4 SF			TOP CHORD	Structural wood sheathing of end verticals.	directly applied or 6-0-0 oc purlins, except
	D N = O(f = t)			District a siling a disc state a subject	d an 10.0.0 as breakny

. . .

WFBS 2x4 SP No.3(flat) BOT CHORD Rigid ceiling directly applied or 10-0-0 oc bracing.

.....

REACTIONS. (lb/size) 15=564/Mechanical, 8=559/0-3-6 (min. 0-1-8)

- - - -

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

TOP CHORD 1-15=-559/0, 1-2=-633/0, 2-3=-1444/0, 3-4=-1712/0, 4-5=-1497/0, 5-6=-768/0

BOT CHORD 13-14=0/1181, 12-13=0/1712, 11-12=0/1712, 10-11=0/1712, 9-10=0/1262, 8-9=0/254

WEBS 3-13=-435/0, 2-13=0/359, 2-14=-713/0, 1-14=0/791, 4-10=-385/0, 5-10=0/330, 5-9=-642/0, 6-9=0/669, 6-8=-675/0

NOTES-(6-7)

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

- All plates are 3x4 MT20 unless otherwise indicated.
- 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) CAUTION, Do not erect truss backwards.

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	Ply	LOT 0.0041 HONEYCUT	T HILLS 188 SHELBY	MEADO	W LANE ANGIER, NC
24-5967-F02	F219	Floor Supported Gable	1	1	Job Reference (option	al)		50514
		Run: 8 ID:6Srl	.430 s Feb 1 JsNRKh5a	2 2021 Prii SUkfHKHF	nt: 8.430 s Feb 12 2021 MiT R8skysYGd-EWN90uNh	ſek Industries, Inc. Thu ìVPKNfjA8QeLseVN	Jul 11 20 PFGb8	0:58:22 2024 Page 1 (wKvxWJc33yz1fF
								0 _[1 _[8
								Scale = 1:21.2
3x4		3x4 =						
1 2	3	4 5 6 T1 -	7		8	9	10	11
	•			•	0	•	•	•
	ST1	ST1 ST1 W2 ST1		T1	ST1		ST1	
0- W1 ST1	SIII	ST1 ST1 W2 ST1	3		311	311	311	1-2-0
	0	ВТ		-				
			\sim	\times	\sim		\times	
22 21	20	19 18 17	1	6	15	14	13	12
3x4		3x4 =						3x4

Plate Offsets (X,Y)	13-0-14 13-0-14 Plate Offsets (X,Y) [1:Edge,0-1-8], [6:0-1-8,Edge], [18:0-1-8,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. ii Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	a - n/a 999 a - n/a 999	PLATES MT20 GRIP 244/190 Weight: 58 lb FT = 20%F, 11%E				
			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing o end verticals. Rigid ceiling directly applied	lirectly applied or 6-0-0 oc purlins,except d or 10-0-0 oc bracing.				

REACTIONS. All bearings 13-0-14.

(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- (7-8)

- 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) CAUTION, Do not erect truss backwards.
- 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.
- 8) 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

