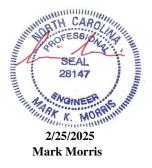
Mark Morris, P.E. #126, 1317-M, Summerville, SC 29483

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 #: 57145 JOB: 25-1795-F01 JOB NAME: LOT 0.0013 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. 23 Truss Design(s)

Trusses: F101, F102, F103, F103A, F103B, F104, F105, F106, F107, F108, F109, F110, F111, F111A, F112, F114, F115, F115A, F115B, F115C, F115D, F116, F117



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

Job	Truss	Truss Type		Qt	У	Ply	LOT 0.00	13 HONEY	CUTT HIL	LS 311 SHELBY	MEADO	WLANE ANGIER,
25-1795-F01	F101	Floor Supported Gable		1		1	Job Ref	erence (op	otional)			57145
	i	·		Run: 8.630 s ID:UMCU2	s Jul 12 t6gUxC	2024 Prin LgMIKo	t: 8.630 s J q9qxyaV	ul 12 2024 M B1-ZXwM	MiTek Índu Bi4qCEJ	ustries, Inc. Wed F KaTMttwG7tA J	eb 26 1 YINYU	5:01:43 2025 Page pYh7wu8WkzhF
					Ū	• -	,		•	-		0-1-8
												Scale = 1:32
				3x4 =			240	FP=				3x4
1 2	3 4	5 6 _ 7	8	3x4 — 9	10			гг — 13	14	15	16	3x4 ∏ 17
	ST1 ST1	ST1 ST1 S	9 0		ST1		₽ <u></u> T1 ₽	 ST1	ST1	15 T2 ST1	ST1	W1
34 33					\times	XXXX	XXXX	XXXXX	$\propto \times \times$			
34 33 3x4	32 31	30 29 28 2 3x8 FP=		25 4 =	24	4	23	22	21	20	19	18 3x4
<u> </u>				20-0-6 20-0-6								
Plate Offsets (X,Y) [9	1:0-1-8,Edge], [26:0-1-8	3,Edge], [34:Edge,0-1-8]										
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr	1.00 BC (0.05 0.01 0.03	DEFL. Vert(LL) Vert(CT) Horz(CT)	in n/a n/a 0.00	(loc) - - 18		L/d 999 999 n/a		PLATES MT20	GRIP 244/1	90
BCDL 5.0	Code IRC2021/T				0.00					Weight: 86 lb	FT	= 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP I			· · ·	BRACING- TOP CHOF	RD	Structur	al wood	sheathing	g directly	applied or 6-0)-0 oc	ourlins, except

end verticals.

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

BOT CHORD

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

REACTIONS. All bearings 20-0-6.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 18, 34, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 30, 31, 32, 33

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.

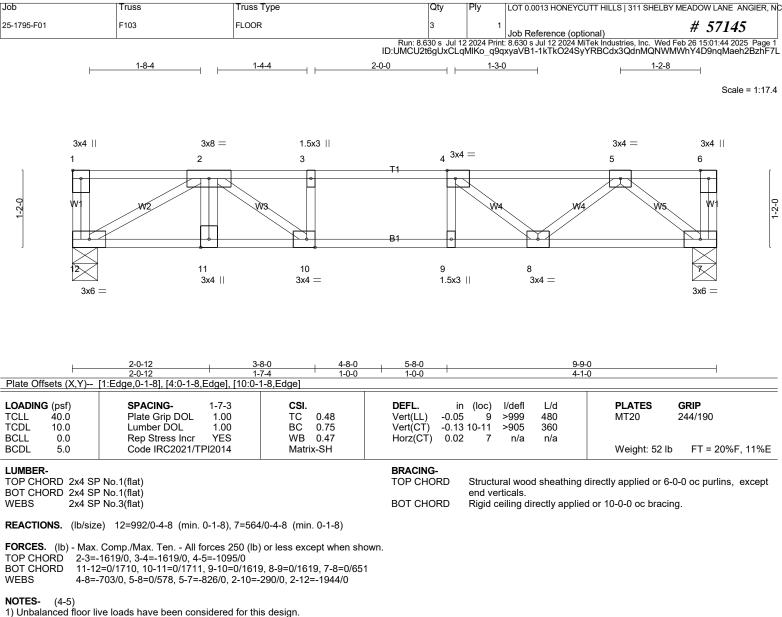
8) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard



Job 25-1795-F01	Truss F102	Truss Type Floor	7 1	YCUTT HILLS 311 SHELBY MEADOW LANE ANGIER, NC # 57145
			Job Reference (Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 ID:UMCU2t6gUxCLqMIKo_q9qxyaVB1-ZXv	optional) 4 MiTek Industries, Inc. Wed Feb 26 15:01:43 2025 Page 1 vMBi4qCEJKaTMttwG7tA_E4IJEUiLh7wu8WkzhF7M
0-1-8 H 1-4-9 -	<u> 1-4-9 </u>	1-3-0	<u>1-4-0 1-6-8 1-5-4 2-0-0</u>	0 1-2-8 Scale = 1:32.8
1.5x3 Ⅱ 1.5x3 =	1.5x3 1.5x3	3 3x8 FP=	3x8 = − 1.5x3	
1 2	3 T1 4	5 6 7		
0,25 N BER W2	W2 B1		W4 W5 W6 B2	
24	23 22	21 20	19 18 17	16 15 14
6x6		3x8 I	P= 3x8 =	1.5x3 3x6 =
1-7-9 1-7-9 Plate Offsets (X Y) [1	<u>3-1-10</u> <u>4-1-10</u> <u>5-1-10</u> <u>1-6-1</u> <u>1-0-0</u> <u>1-0-0</u> <u>1:0-1-8 Edge] [17:0-1-8 Edge]</u>	10-5-10 5-4-0 e], [22:0-1-8,Edge], [23:0-1-8,E		15-11-6 20-0-6 1-0-0 4-1-0
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL. in (loc) l/defl L/d	PLATES GRIP
TCDL 10.0 BCLL 0.0	Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	BC 0.28 WB 0.49	Vert(LL) -0.06 15-16 >999 480 Vert(CT) -0.05 16 >999 360 Horz(CT) 0.01 14 n/a n/a	MT20 244/190
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	BRACING-	Weight: 102 lb FT = 20%F, 11%E
TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP			end verticals.	ng directly applied or 6-0-0 oc purlins, except blied or 6-0-0 oc bracing.
REACTIONS. (lb/size)	24=336/0-5-6 (min. 0-1-8)	, 14=425/0-4-8 (min. 0-1-8), 19		siled of 0-0-0 oc bracing.
	av 24=352(LC 10), 14=466(L0 Comp./Max. Ten All forces :	C 4), 19=1694(LC 1) 250 (lb) or less except when sh	Nn.	
8-9=0/	1221, 9-10=-1158/0, 10-11=-	, 5-6=-124/340, 6-7=-124/340, 1158/0, 11-12=-848/0 -177/489, 20-21=-507/0, 19-20		
17-18= WEBS 5-22=0	0/955, 16-17=0/1158, 15-16 /394, 5-21=-528/0, 7-21=0/5	=0/1158, 14-15=0/544 40, 7-19=-877/0, 11-15=-396/0,	2-15=0/396,	
12-14= NOTES- (5-6)	-690/0, 9-19=-2022/0, 9-17=	0/397, 2-24=-513/0, 2-23=-55/3	0	
2) All plates are 3x4 M	e loads have been considered [20 unless otherwise indicate onghacks on edge spaced a	ed.	h truss with 3-10d (0.131" X 3") nails. Strongba	acks to
be attached to walls 4) CAUTION, Do not er	at their outer ends or restrain ect truss backwards.	ed by other means.		
the member must be	braced.		ion of the brace on the web. Symbol only indican. Bearing symbols are not considered in the st	
design of the truss to	support the loads indicated.			
	alanced): Lumber Increase=	I.00, Plate Increase=1.00		WINNING TH CARO
Concentrated Loads Vert: 9=-720	(lb)			OROFESSION SHIT
				SEAL 28147
				SEAL 28147
				SEAL 28147

2/25/2025



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

3) CAUTION, Do not erect truss backwards.

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.

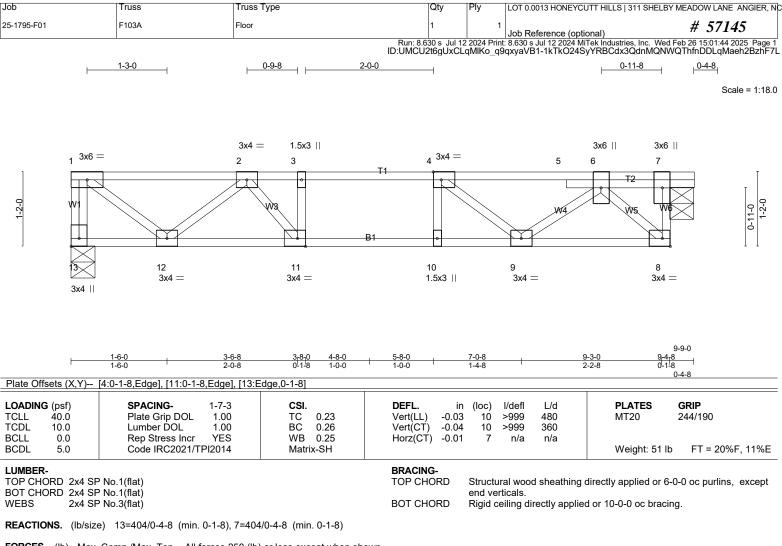
5) Bearing symbols are only graphical representations of a possible bearing condition. Bearing symbols are not considered in the structural design of the truss to support the loads indicated.

LOAD CASE(S) Standard

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

Uniform Loads (plf) Vert: 7-12=-8, 1-6=-80 Concentrated Loads (lb) Vert: 2=-720





FORCES. (Ib) - Max. Comp./Max. Ten. - All forces 250 (Ib) or less except when shown. TOP CHORD 1-13=-397/0, 7-8=0/389, 1-2=-410/0, 2-3=-865/0, 3-4=-865/0, 4-5=-649/0, 5-6=-658/0

BOT CHORD 11-12=0/773, 10-11=0/865, 9-10=0/865, 8-9=0/398

WEBS 1-12=0/515, 2-12=-472/0, 2-11=0/291, 4-9=-312/0, 6-9=0/319, 6-8=-552/0

(5-6) NOTES-

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) Gap between inside of top chord bearing and first diagonal or vertical web shall not exceed 0.500in.

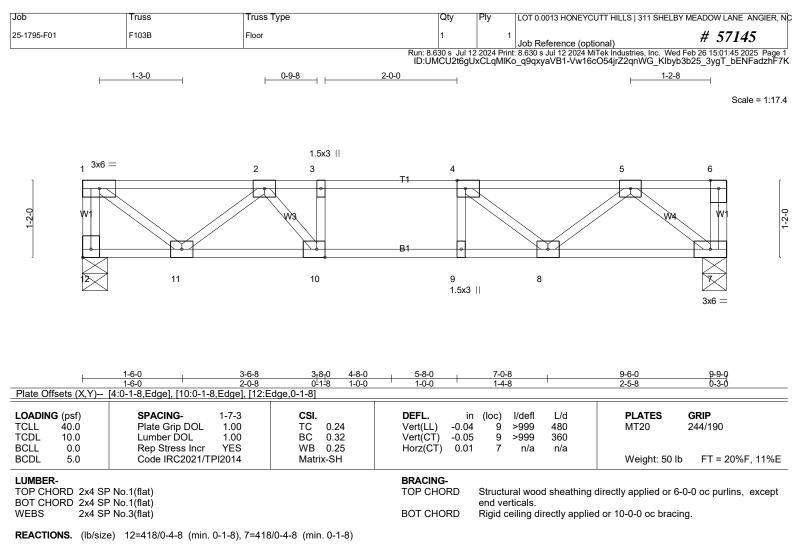
4) CAUTION, Do not erect truss backwards

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





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

TOP CHORD 1-12=-409/0, 1-2=-425/0, 2-3=-928/0, 3-4=-928/0, 4-5=-727/0

BOT CHORD 10-11=0/811, 9-10=0/928, 8-9=0/928, 7-8=0/492

WEBS 1-11=0/533, 2-11=-502/0, 2-10=0/327, 4-8=-288/0, 5-8=0/306, 5-7=-624/0

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

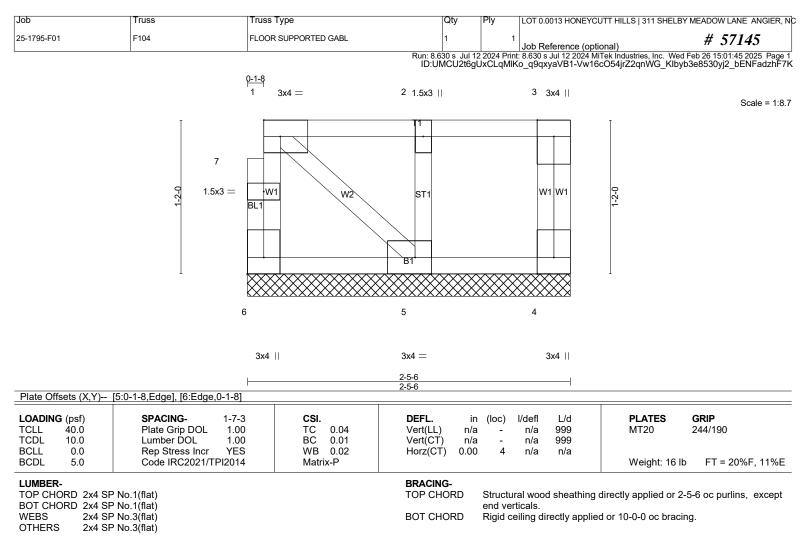
be attached to walls at their outer ends or restrained by other means.

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





REACTIONS. (lb/size) 6=38/2-5-6 (min. 0-1-8), 4=31/2-5-6 (min. 0-1-8), 5=119/2-5-6 (min. 0-1-8)

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

NOTES- (6-7)

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

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

4) 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 25-1795-F01	Truss F105	Truss Type Floor	Qty P	ly LOT 0.0013 HONEYC	JTT HILLS 311 SHELBY	MEADOW LANE ANGIER, NC
23-1793-F01	F 105		Run: 8.630 s Jul 12 20	Job Reference (opti 024 Print: 8.630 s Jul 12 2024 M CLqMIKo_q9qxyaVB16bU	Tek Industries, Inc. Wed	# 57145 Feb 26 15:01:46 2025 Page 1 ockxVIHh4b7qu7o63zhF7J
0-1-8 H	<u>⊢1-0-2</u>	2-0-0	<u>⊢ 1-4-0</u>	0-8-12 2-0-	0	<u> 1-2-8 </u> Scale = 1:36.1
1.5x3 = 1 27 1 27 1 27 27 26 25	2 3 w3 24 23 1.5x3	4 5 22 1.5x3 3x8	3x8 = 6 0 19 18 FP=	3x8 FP= 1.5x3 7 8 9 0 0 0 0 0 0 0 0 0 0 0 0 0	102 15 14 1.5x3	11
· · ·	2-6-0 1-1-10 1-0- [3:0-1-8,Edge], [4:0-1-8,Edge]	, [10:0-1-8,Edge], [16:0-1-8,Edg	1-5-8 1-4-8 ge], [26:Edge,0-1-8]	1-11-12 0-1-81-0-0	17-11-6 19-3-14 1-0-0 1-4-8	<u>21-9-6 22-0-6</u> 2-5-8 0-3-0
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 YE: Code IRC2021/TPI201	TC 0.36 BC 0.45 WB 0.39	DEFL. in (Vert(LL) -0.07 Vert(CT) -0.09 Horz(CT) 0.02	(loc) l/defl L/d 23 >999 480 23 >999 360 13 n/a n/a	PLATES MT20 Weight: 110 I	GRIP 244/190 b FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			e	tructural wood sheathing nd verticals. tigid ceiling directly applie		
	e) 26=488/0-5-6 (min. 0-1-8 Srav26=501(LC 10), 18=1073(, 18=1073/0-4-8 (min. 0-1-8), 1 ∟C 1), 13=388(LC 4)	3=349/0-4-8 (min. 0-1-8)			
TOP CHORD 26-2 5-6= BOT CHORD 24-22 18-11 WEBS 9-16 5-21	7=-497/0, 1-27=-496/0, 1-2=-5 -253/25, 6-7=-220/324, 7-8=-2 5=0/1028, 23-24=0/1369, 22-2 9=-654/0, 17-18=-657/0, 16-17 =-272/0, 6-18=-1032/0, 1-25=(250 (lb) or less except when sh 51/0, 2-3=-1228/0, 3-4=-1369/0 20/324, 8-9=-792/18, 9-10=-792 3=0/1369, 21-22=0/1369, 20-21 =-162/625, 15-16=-18/792, 14- (665, 2-25=-621/0, 2-24=0/260, 17, 6-17=0/565, 8-17=-599/0, 8	, 4-5=-1080/0, 2/18, 10-11=-653/0 I=0/796, 19-20=0/796, 15=-18/792, 13-14=0/460 , 4-21=-440/0,			
 2) All plates are 3x4 M 3) Recommend 2x6 s be attached to wall 4) CAUTION, Do not 5) Graphical web braat the member must be and the member must be and the member must be attached be and the member must be attached be attac	is at their outer ends or restrai erect truss backwards. cing representation does not d be braced.	ed. at 10-0-0 oc and fastened to ea ned by other means. epict the size, type or the orient ns of a possible bearing conditi	ation of the brace on the v	web. Symbol only indicate	s that tural	
LOAD CASE(S) Stan	dard				2814 2814 2814 2814 2814	AORAS INTERNET

Job	Truss	Truss Type	Qty	Ply LO	T 0.0013 HONEYC	UTT HILLS 311 SHELI	BY MEADOW LANE ANGIER, N
25-1795-F01	F106	FLOOR	3	1	b Reference (opti	onal)	# 57145
	I		Run: 8.630 s Jul ID:UMCU2t6g	12 2024 Print: 8.6 gUxCLqMlKo_q	30 s Jul 12 2024 M 9qxyaVB16bU	iTek Industries, Inc. We pk6iU9hvRw5SY2pq	ed Feb 26 15:01:46 2025 Page Vock?VIDh5T7qu7o63zhF7
0-1-8							
 1-3-0	1-0-2		<u>⊢ 1-0-0</u> _0- <u>1</u> -0		0-8-12 2-0-	-0	<u>1-2-8</u> Scale = 1:36.
1.5x3 =			3x6 = 3x6 =	3x8 FP=	1.5x3		
1	2	3 4 T1	5 6 7	8 9	9 10	11 J2	12 13
	W3		12 Wa		24 P W5		V6 M 1
				- TET	18 2		·
27 2	6 25	24 23 22	21 20 19	18	17	16 15	14
	1.	5x3 1.5x3	3x8 FP= 3x8 =			1.5x3	3x6 =
 	5-1-10		12-1-10 12-5-10	15-11-6	16-11-6		22-0-6
Plate Offsets (X,Y)	5-1-10 [3:0-1-8,Edge], [4:0-1-8	<u>' 1-0-0 ' 1-0-0 '</u> 3,Edge], [11:0-1-8,Edge], [17:0-1	<u>5-0-0 0-4-0</u> -8,Edge], [19:0-1-8,Edge], [2	3-5-12 7:Edge,0-1-8]	1-0-0	1-0-0	4-1-0
OADING (psf)	SPACING-	1-7-3 CSI .		n (loc) l/de		PLATES	GRIP
TCLL 40.0 TCDL 10.0	Plate Grip DOL Lumber DOL	1.00 TC 0.35 1.00 BC 0.46	Vert(CT) -0.0		9 360	MT20	244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr Code IRC2021/ ⁻	YES WB 0.33 TPI2014 Matrix-SH	Horz(CT) 0.0	2 14 n/	'a n/a	Weight: 113	3 lb FT = 20%F, 11%E
LUMBER-			BRACING-	0.1			
TOP CHORD 2x4 BOT CHORD 2x4	SP No.1(flat)		TOP CHORD	end vertical	s.		6-0-0 oc purlins, except
	SP No.3(flat)		BOT CHORD	0	g directly applie	d or 6-0-0 oc braci	ng.
		. 0-1-8), 19=1715/0-4-8 (min. 0- =1715(LC 1), 14=388(LC 4)	1-8), 14=352/0-4-8 (min. 0-1	I-8)			
		forces 250 (lb) or less except wh					
		1-2=-548/0, 2-3=-1218/0, 3-4=-1 9=-224/330, 9-10=-791/20, 10-1					
		5, 23-24=0/1355, 22-23=0/1355, , 17-18=-155/618, 16-17=-20/79		60			
NEBS 6-1	9=-1266/0, 10-17=-261/0	, 7-19=-576/0, 1-26=0/661, 2-26 0, 4-22=-452/0, 5-22=0/423, 5-2	=-618/0, 2-25=0/255,				
	8=0/573, 9-18=-596/0, 9-		0-12-10, 0 20-0/101,				
NOTES- (5-6)		acidored for this design					
2) All plates are 3x4	r live loads have been co 1 MT20 unless otherwise	indicated.					
be attached to w	alls at their outer ends or	paced at 10-0-0 oc and fastened restrained by other means.	d to each truss with 3-10d (0	.131" X 3") na	ils. Strongback	is to	
	ot erect truss backwards. racing representation doe	s not depict the size, type or the	orientation of the brace on the	he web. Symb	ol only indicate	s that	
	t be braced. are only graphical repres as to support the loads inc	entations of a possible bearing o	condition. Bearing symbols a	re not conside	ered in the struc	ctural	
LOAD CASE(S) Sta	andard					entral	AD
Úniform Loads (p	olf)	rease=1.00, Plate Increase=1.00	J			UNING ATA C	SIL
Concentrated Lo						in 28-	L'ART IN
Vert: 6=-	640					SE SE	AL 47
						HIIII	" J Ē



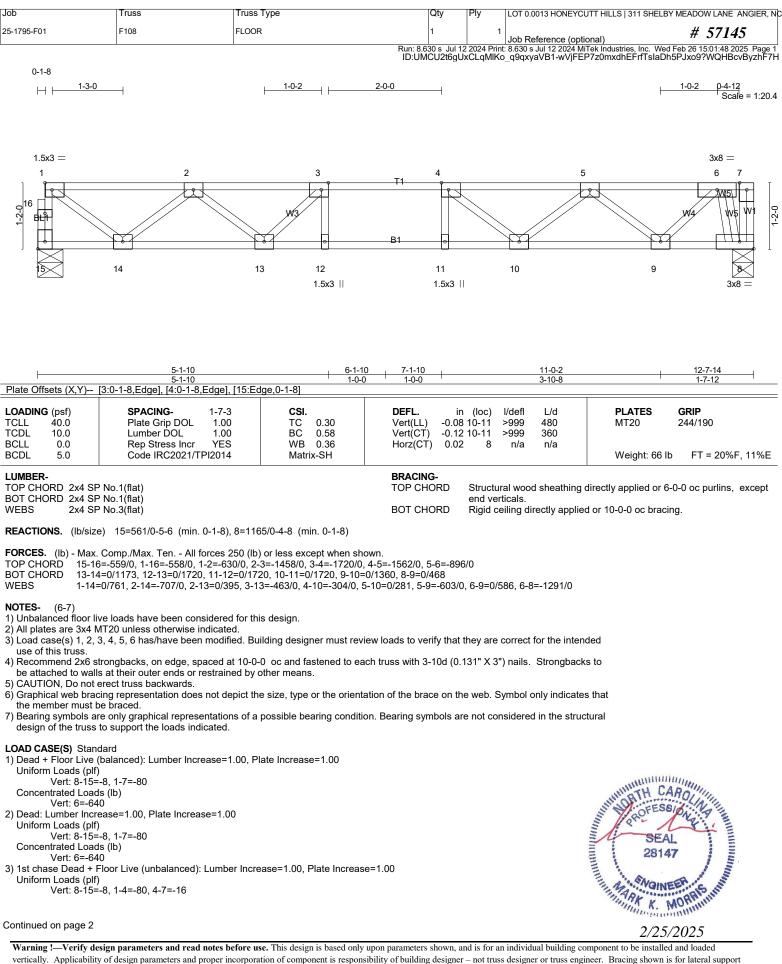
Job	Truss	Truss Type		Qty	Ply	LOT 0.0013 HONEY	CUTT HILLS 311 SHELE	BY MEADOW LANE ANGIER, N
25-1795-F01	F107	FLOOR		2	1	Job Reference (or		# 57145
				Run: 8.630 s Jul 1 ID:UMCU2t6gL	2 2024 Print JxCLqMIKc	: 8.630 s Jul 12 2024 _q9qxyaVB1-wVjF	MiTek Industries, Inc. We EP7z0mxdhEFrfTsIaD	d Feb 26 15:01:48 2025 Page 1 h?6Jxm9?OQHBcvByzhF7H
0-1-8				-	-			-
H ⊢ 1-3-0	1-0-2	2 2-0-0		<u>1-0-0</u> -1-0		0-8-12 1-1	1-12 1-1-4	Scale = 1:36.1
								Stale - 1.50.1
				3x6 =				
1.5x3 =				3x6 =	3x8 FF	P= 1.5x3		3x6 =
1	2	3 4	5	67	8	9 10	<u>11</u> 12	13
	W3	FI K	R	WA		W5	₩6	

928 N 28 N 28 N 28 N 28 N 28 N 28 N 28 N	W3 B1		we we		W5 B2	W6		1-2-0
27 26	25 24 1.5x3	23 22 1.5x3	21 20 3x8 FP=	19 18 3x8 =	17	16 3x6 =	15 14	-

	5-1-10 6-1-10 7-1- 5-1-10 1-0-0 1-0-	0 5-0-0	0-4-0	15-11-6 3-5-12	<u>16-11-6</u> 17 1-0-0		22-0-6 4-1-0
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	[3:0-1-8,Edge], [4:0-1-8,Edge], [17:0- SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	CSI. TC 0.70 BC 0.58 WB 0.37	DEFL. in Vert(LL) -0.0	n (loc) l/defl 7 24-25 >999 2 15-16 >969 2 14 n/a	L/d 480 360 n/a	PLATES MT20	GRIP 244/190
REACTIONS. (Ib/siz	⊃ No.1(flat) ⊃ No.3(flat) e) 27=495/0-5-6 (min. 0-1-8), 14=5		BRACING- TOP CHORD BOT CHORD 9=1785/0-4-8 (min. 0-1	end verticals. Rigid ceiling d 6-0-0 oc braci	lirectly applied	l or 10-0-0 oc braci	-0-0 oc purlins, except
FORCES. (lb) - Max. TOP CHORD 27-20 4-5=- 10-1 BOT CHORD 25-20 19-20 WEBS 6-19: 3-25=	Grav 27=509(LC 10), 14=546(LC 4), 1 . Comp./Max. Ten All forces 250 (lb 8=-506/0, 1-28=-505/0, 13-14=-554/0 -1148/0, 5-6=-354/0, 6-7=0/543, 7-8= 1=-1283/0, 11-12=-1283/0, 12-13=-62 6=0/1049, 24-25=0/1421, 23-24=0/14 0=-362/0, 18-19=-450/0, 17-18=0/973 =-1225/0, 10-17=-413/0, 7-19=-675/0 =-269/0, 13-15=0/779, 12-15=-646/0, =0/675, 7-18=0/690, 9-18=-741/0, 9-1	 or less except when sh , 1-2=-562/0, 2-3=-1261/ -467/56, 8-9=-467/56, 9-21/0 :21, 22-23=0/1421, 21-22 3, 16-17=0/1283, 15-16=1 1-26=0/679, 2-26=-634 4-22=-409/0, 5-22=0/39 	/0, 3-4=-1421/0, .10=-1283/0, 2=0/872, 20-21=0/872, 0/1117 /0, 2-25=0/276,				
 2) All plates are 3x4 M 3) Recommend 2x6 s be attached to wall 4) CAUTION, Do not 5) Graphical web braw the member must f 6) Bearing symbols a 	ive loads have been considered for th MT20 unless otherwise indicated. strongbacks, on edge, spaced at 10-0 ls at their outer ends or restrained by erect truss backwards. cing representation does not depict th be braced. re only graphical representations of a to support the loads indicated.	-0 oc and fastened to ea other means. ne size, type or the orient	tation of the brace on th	ne web. Symbol	only indicates	that	
Uniform Loads (plf	(balanced): Lumber Increase=1.00, P	Plate Increase=1.00				PROFESS	AROLINIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII

Vert: 14-27=-8, 1-13=-80 Concentrated Loads (lb) Vert: 6=-640 11=-240





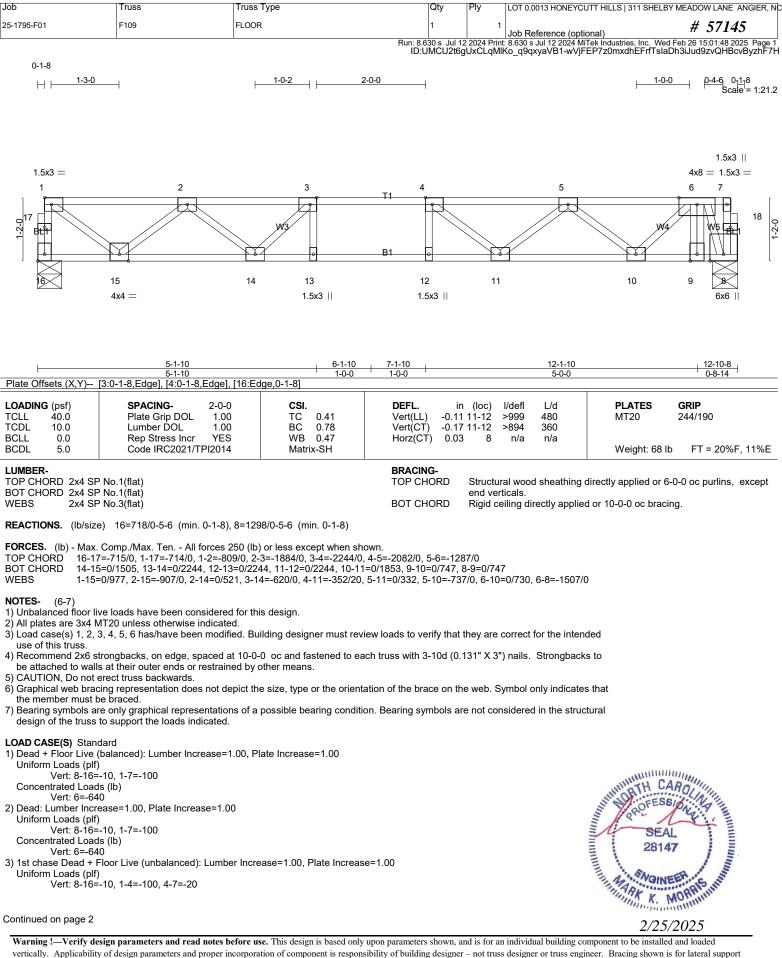
Job	Truss	Truss Type	Qty	Ply	LOT 0.0013 HONEYCUTT HILLS 311 SH	ELBY MEADOW LANE ANGIER, NC
25-1795-F01	F108	FLOOR	1	1	Job Reference (optional)	# 57145
	· ·	P	up 8 630 c lul 1	2 2024 Drin	8 630 c. Jul 12 2024 MiTok Industrias Inc.	Wed Eeb 26 15:01:48 2025 Page 2

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Wed Feb 26 15:01:48 2025 Page 2 ID:UMCU2t6gUxCLqMIKo_q9qxyaVB1-wVjFEP7z0mxdhEFrfTsIaDh5PJxo9?WQHBcvByzhF7H

LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 6=-640 4) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-15=-8, 1-3=-16, 3-7=-80 Concentrated Loads (lb) Vert: 6=-640 5) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-15=-8, 1-4=-80, 4-7=-16 Concentrated Loads (lb) Vert: 6=-640 6) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-15=-8, 1-3=-16, 3-7=-80

Concentrated Loads (lb) Vert: 6=-640





Job	Truss	Truss Type	Qty	Ply	LOT 0.0013 HONEYCUTT HILLS 311 S	SHELBY MEADOW LANE ANGIER, NC
25-1795-F01	F109	FLOOR	1	1	Job Reference (optional)	# 57145
			Rup: 8.630 e Jul 12	2024 Print	t 8 630 s Jul 12 2024 MiTek Industries Ind	Wed Feb 26 15:01:48 2025 Page 2

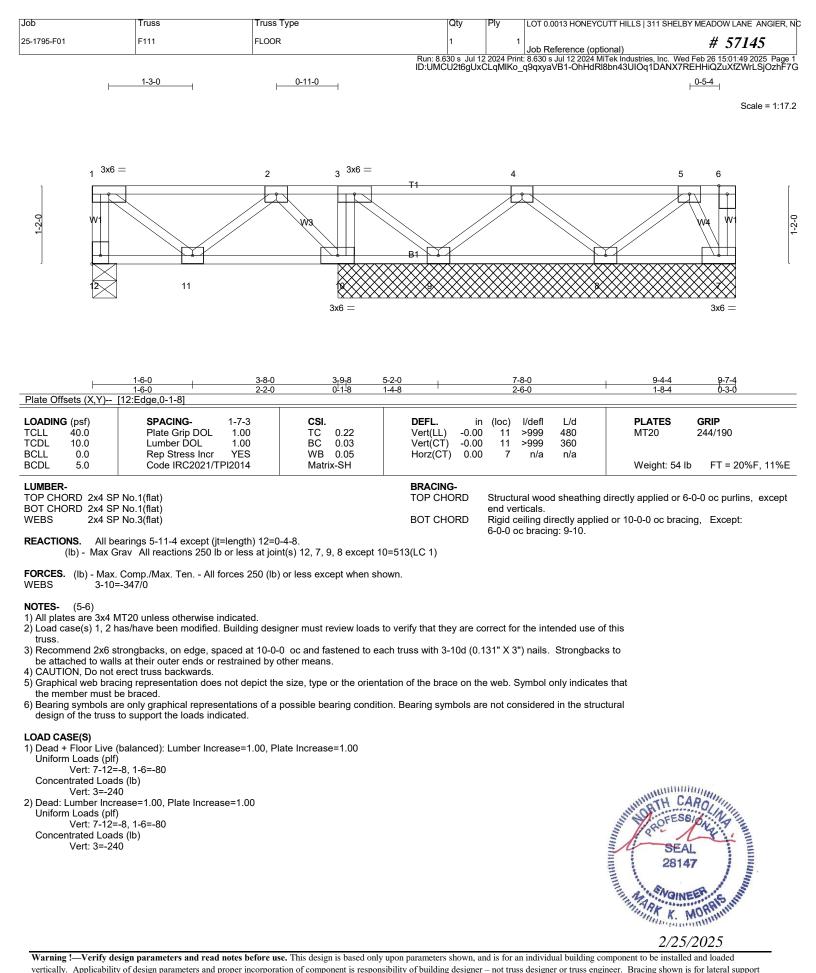
in: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Wed Feb 26 15:01:48 2025 Page 2 ID:UMCU2t6gUxCLqMIKo_q9qxyaVB1-wVjFEP7z0mxdhEFrfTsIaDh3iJud9zvQHBcvByzhF7H

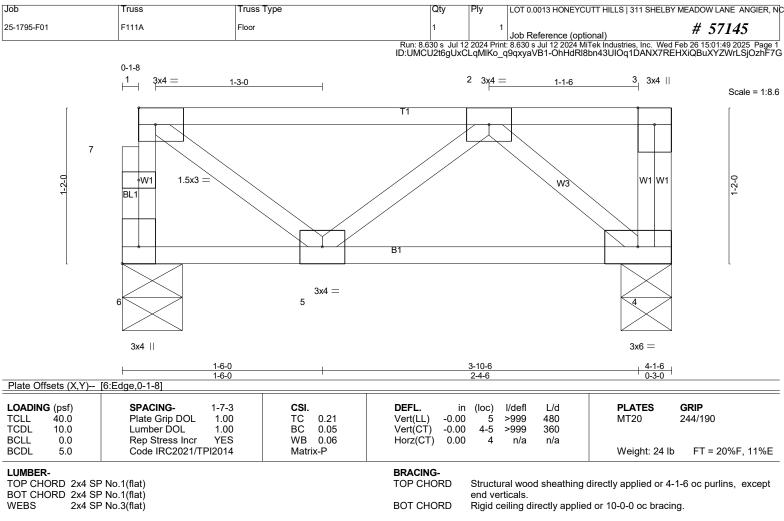
LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 6=-640 4) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-16=-10, 1-3=-20, 3-7=-100 Concentrated Loads (lb) Vert: 6=-640 5) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-16=-10, 1-4=-100, 4-7=-20 Concentrated Loads (lb) Vert: 6=-640 6) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 8-16=-10, 1-3=-20, 3-7=-100

Concentrated Loads (lb) Vert: 6=-640



Job 25-1795-F01	Truss F110	Truss Type Floor Supported Gable	1 1	Job Reference (optional)	311 SHELBY MEADOW LANE ANGIER, NC # 57145 as, Inc. Wed Feb 26 15:01:48 2025 Page 1 hEFrfTslaDh9DJ4j93vQHBcvByzhF7H
0 ₁₁ 8			15.0m002.0g0A024mm		0 ₁₁ 8 Scale = 1:20.9
•	2 3	4 5	$6^{3x4} = 7$	8 9	3x4 10 11
	sti sti	ST1 ST1	STT1 W2 STT1 B1 0 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		
22 3x4	21 20	19 18	17 16 3x4 =	15 14	13 12 3x4 3x4
			10.10.0		
Plate Offsets (X,Y)	[6:0-1-8,Edge], [16:0-1-8,Edge], [22:Edge,0-1-8]	<u>12-10-8</u> 12-10-8		I
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 0.05 BC 0.01 WB 0.08	DEFL. in (loc) I Vert(LL) n/a - Vert(CT) n/a - Horz(CT) 0.00 12	n/a 999 MT n/a 999 n/a n/a	ATES GRIP '20 244/190 bight: 59 lb FT = 20%F, 11%E
	2 No.1(flat) 2 No.1(flat) 2 No.3(flat) 2 No.3(flat) 2 No.3(flat)		end verti		plied or 6-0-0 oc purlins, except) oc bracing.
	earings 12-10-8. Grav All reactions 250 lb or less	s at joint(s) 22, 12, 21, 20, 19,	18, 17, 16, 15, 14 except 13=739	(LC 1)	
	. Comp./Max. Ten All forces 2 3=-729/0	250 (lb) or less except when sl	nown.		
 2) Gable requires con 3) Truss to be fully sh 4) Gable study space 5) Load case(s) 1, 2 f truss. 6) Recommend 2x6 s be attached to wall 7) Graphical web brac the member must f 8) Bearing symbols a 	has/have been modified. Buildir trongbacks, on edge, spaced a s at their outer ends or restrain cing representation does not de be braced.	ely braced against lateral mov ng designer must review loads at 10-0-0 oc and fastened to e ed by other means. epict the size, type or the orien ns of a possible bearing condit	ement (i.e. diagonal web). to verify that they are correct for t ach truss with 3-10d (0.131" X 3") tation of the brace on the web. Sy tion. Bearing symbols are not cons	nails. Strongbacks to mbol only indicates that	
LOAD CASE(S) Stan 1) Dead + Floor Live Uniform Loads (plf Vert: 12-22 Concentrated Load Vert: 10=-6 2) Dead: Lumber Incr Uniform Loads (plf	dard (balanced): Lumber Increase=1) ==-8, 1-11=-80 is (lb) i40 ease=1.00, Plate Increase=1.0) ==-8, 1-11=-80 is (lb)	.00, Plate Increase=1.00		HILL CONTRACTOR OF	SEAL 28147
				and the second se	VOINEE





REACTIONS. (lb/size) 6=401/0-5-6 (min. 0-1-8), 4=174/0-4-8 (min. 0-1-8)

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) or less except when shown. TOP CHORD 6-7=-399/0, 1-7=-398/0

NOTES- (4-5)

1) Load case(s) 1, 2 has/have been modified. Building designer must review loads to verify that they are correct for the intended use of this truss.

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

3) CAUTION, Do not erect truss backwards.

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

1) Dead + Floor Live (balanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 4-6=-8, 1-3=-80 Concentrated Leade (lb)

Concentrated Loads (lb) Vert: 1=-240

2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 4-6=-8, 1-3=-80

Concentrated Loads (lb)

Vert: 1=-240



Job	Truss	Truss Type	Qty Ply	LOT 0.0013 HONEYCUTT HILLS 311 SH	ELBY MEADOW LANE ANGIER, NC
25-1795-F01	F112	Floor Supported Gable		Job Reference (optional)	# 57145
	1	1	Run: 8.630 s Jul 12 2024 Print:	8.630 s Jul 12 2024 MiTek Industries, Inc. 9qxyaVB1-OhHdRI8bn43UIOq1DANX	Wed Feb 26 15:01:49 2025 Page 1 7REK3iQwuWJZWrLSjOzhF7G
0 ₁ -1-8					
					Scale = 1:21.6
			6 ^{3x4} = 7 8		3x4
	2 3	4 5		9 10	11 12
25 [] 24 1		ST1 ST1		ST1 ST1	ST1 W1 S
					ST1 W1 0-
	23 22	21 20	19 18 17	16 15	14 13
3x4			3x6 =		3x4
		7-8-10 7-8-10		<u>13-3-6</u> 5-6-12	
Plate Offsets (X,Y)	[6:0-1-8,Edge], [24:Edge,0)-1-8]			
LOADING (psf) TCLL 40.0	SPACING- Plate Grip DOL	1-7-3 CSI. 1.00 TC 0.05	DEFL. in (loc) I/ Vert(LL) n/a -	defl L/d PLATES n/a 999 MT20	GRIP 244/190
TCDL 10.0 BCLL 0.0	Lumber DOL Rep Stress Incr	1.00 BC 0.01 YES WB 0.07	Vert(CT) n/a - Horz(CT) 0.00 13	n/a 999 n/a n/a	
BCDL 5.0	Code IRC2021/TPI			Weight: 6	61 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF	P No 1(flat)		BRACING- TOP CHORD Structura	I wood sheathing directly applied	or 6-0-0 oc purlins except
BOT CHORD 2x4 SF			end vertic		
	P No.3(flat)			ing directly applied of 10-0-0 00 b	racing.
	earings 13-3-6.	- loss at init(a) 10,00,00,01,00	40 47 40 45 44 average 04-070/		
(id) - Max G	18=654(LC 1)	riess at joint(s) 13, 23, 22, 21, 20,	19, 17, 16, 15, 14 except 24=279(LC 1),	
		ces 250 (lb) or less except when sl	hown.		
	5=-275/0, 1-25=-275/0 =-635/0				
NOTES- (8-9)					
	B MT20 unless otherwise in tinuous bottom chord bea				
3) Truss to be fully sh4) Gable studs space		ecurely braced against lateral mov	ement (i.e. diagonal web).		
5) Load case(s) 1, 2 h truss.	nas/have been modified. B	uilding designer must review loads	to verify that they are correct for the	he intended use of this	
	trongbacks, on edge, spaces at their outer ends or res		ach truss with 3-10d (0.131" X 3")	nails. Strongbacks to	
7) CAUTION, Do not	erect truss backwards.		tation of the brace on the web. Syr	mbol only indicates that	
the member must t	be braced.		tion. Bearing symbols are not cons		
	to support the loads indica		tion. Bearing symbols are not cons		1111111111
LOAD CASE(S) Stand		aant 00. Diata inaraaaant 00		INNINGTH	CAROI
Uniform Loads (plf))	se=1.00, Plate Increase=1.00		HUN ROF	ESGIPNA
Concentrated Load				S	EAL
	ease=1.00, Plate Increase	=1.00		28	31 47
				ALL SALES	INCER !!!!
Concentrated Load Vert: 1=-24				ARK	CARO SIGNALS EAL BIAT
				THUNG	annull Huge
				2/.	25/2025

Job	Truss	Truss Type		Qty Ply			MEADOW LANE ANGIER, NO
25-1795-F01	F114	FLOOR SUPPORTED GABL	1		Job Reference (optional)	# 57145
			Run: 8.630 ID:UMCU) s Jul 12 2024 2t6gUxCLqM	4 Print: 8.630 s Jul 12 202 /IKo_q9qxyaVB1-OhH	4 MiTek Industries, Inc. Wed dRI8bn43UIOq1DANX7RI	Feb 26 15:01:49 2025 Page 1 EKqiQxuX_ZWrLSjOzhF7G
0-1-8 H							
							Scale = 1:37.5
4	3 4 5	0 7 0	3x4 =	3x8 FP=		40 47	3x4
1 2 1 1 1	3 4 5	T1	9 10	11 12 1		5 16 17 T2 <mark>A A</mark>	18 19
	ST1 ST1 ST1 B B1 XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX		ST1 W2 ST1	ST1 S	e e e T1 ST1 ST a a B2 a XXXXXXXXXXX		
38 37	36 35 34		29 28		26 25 24		21 20
3x4		3x8 FP		2, 2		20 22	21 20 3x4
			3x4 =				
1			22-10-14				1
Plate Offsets (X,Y)	[10:0-1-8,Edge], [29:0-1-8,Edge]	1ao] [29:Edao () 1 9]	22-10-14				1
Plate Olisets (A, f)	[10.0-1-0,Edge], [29.0-1-0,Ed	Jgej, [30.⊏uge,0-1-o]					
LOADING (psf) TCLL 40.0 TCDL 10.0	SPACING- 1-7 Plate Grip DOL 1.0 Lumber DOL 1.0	00 TC 0.06	DEFL. Vert(LL) Vert(CT)		c) l/defl L/d - n/a 999 - n/a 999	PLATES MT20	GRIP 244/190
BCLL 0.0	Rep Stress Incr YE	ES WB 0.03	Horz(CT)		20 n/a n/a		
BCDL 5.0	Code IRC2021/TPI20	14 Matrix-SH				Weight: 97 lb	FT = 20%F, 11%E

BRACING-

TOP CHORD

BOT CHORD

end verticals.

LUMBER-

 TOP CHORD
 2x4 SP No.1(flat)

 BOT CHORD
 2x4 SP No.1(flat)

 WEBS
 2x4 SP No.3(flat)

 OTHERS
 2x4 SP No.3(flat)

OTHERS 2x4 SP No.3(flat)

REACTIONS. All bearings 22-10-14.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 38, 20, 37, 36, 35, 34, 33, 32, 31, 29, 28, 27, 26, 25, 24, 23, 22, 21

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



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

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

Job	Truss	Truss Type	Qty	Ply LOT	0.0013 HONEYCUTT H	ILLS 311 SHELBY I	MEADOW LANE ANGIER, NC
25-1795-F01	F115	FLOOR	2	1	Reference (optional)		# 57145
				2 2024 Print: 8.63	0 s Jul 12 2024 MiTek In		eb 26 15:01:50 2025 Page 1 mLt6cVdsSjkV50FqzhF7F
0-1-8							
∦ <u>1-3-0</u>	<u>0-6-3</u> -	2-0-0	9 <u>-5-1</u> 5	1-2-8	⊣ <u>2-0-0</u>		<u> 0-10-4</u> Scale = 1:38.3
1.5x3 = 1 29 1 29 29 28 28 27	1.5x 2 3 4 2 3 4 1 3 B1 26 25	3 1 5 30 6 1 0 0 24 23 22 1.5x3 3x8 FP=	4x4 = 3x8 FP = 4x6 7 8 9 7	19	10 T2 11 B2 17 18 17 .5x3 1.5x3	12 16	4x6 = 3113 4x6 = 15 14 4x4 =
Image: 1-6-0 1-6-0 Plate Offsets (X,Y) LOADING (psf) TCLL 40.0 TCDL 10.0	<u>4-0-0 5-9-3 5-10-</u> 2-6-0 1-9-3 0-1-8	i 1-0-0 1-4-8 2-6-1 <u>1-0-0</u> e], [11:0-1-8,Edge], [25:0-1-8,Ec -3 CSI . 00 TC 0.68	-3 -3 -3 -3 -3 -3 -3 -3 -1 -3 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1 -1	<u>15-0-2</u> 1 1-2-12 1-2-8	L/d 480	9-8-10 22-2- 1-4-8 2-6- PLATES MT20	
BCLL 0.0 BCDL 5.0	Rep Stress Incr YE Code IRC2021/TPI20		Horz(CT) 0.03	3 14 n/a	n/a	Weight: 117 lb	FT = 20%F, 11%E
			BRACING- TOP CHORD BOT CHORD	end verticals Rigid ceiling			-0 oc purlins, except g, Except:
		8), 14=698/0-4-8 (min. 0-1-8), 20)=1793/0-4-8 (min. 0-1	-8)			
FORCES. (lb) - Max TOP CHORD 28-2 4-5= 9-10 BOT CHORD 26-2 20-2 WEBS 10-1 3-26	9=-582/0, 1-29=-581/0, 13-14 -1878/0, 5-30=-1636/0, 6-30= =-604/135, 10-11=-1554/0, 1 7=0/1244, 25-26=0/1816, 24- 1=-311/23, 19-20=-837/0, 18- 8=0/363, 11-17=-320/0, 9-20= =-360/0, 3-25=-48/344, 5-23=	250 (lb) or less except when sh =-735/0, 1-2=-665/0, 2-3=-1539/ -1636/0, 6-7=-686/0, 7-8=-686/0 -12=-1547/0, 12-31=-594/0, 13- 25=0/1878, 23-24=0/1878, 22-23 19=0/1554, 17-18=0/1554, 16-17 842/0, 1-27=0/804, 2-27=-754/0 -374/0, 6-23=0/375, 6-21=-940/0 =-1374/0, 12-15=-998/0, 13-15=	0, 3-4=-1878/0, , 8-9=0/837, 31=-594/0 3=0/1380, 21-22=0/138 7=0/1554, 15-16=0/136 0, 2-26=0/385, , 8-21=0/949,				
 2) All plates are 3x4 3) Load case(s) 1, 2, are correct for the 4) Recommend 2x6 s be attached to wal 5) CAUTION, Do not 	intended use of this truss. strongbacks, on edge, spaced Is at their outer ends or restra erect truss backwards.	ted. 13, 14 has/have been modified. I at 10-0-0 oc and fastened to ea ined by other means.	ach truss with 3-10d (0.	131" X 3") nail	s. Strongbacks to	L	
the member must 7) Bearing symbols a design of the truss	be braced. are only graphical representati to support the loads indicate	ons of a possible bearing conditi d.	on. Bearing symbols a	re not consider	ed in the structural	AND ROFESS	OLINIA IN
LOAD CASE(S) Star 1) Dead + Floor Live Uniform Loads (plt Vert: 14-22 2) Dead Live back	ndard (balanced): Lumber Increase) 3=-8, 1-30=-80, 30-31=-160, 1	depict the size, type or the orient ons of a possible bearing conditi 1. =1.00, Plate Increase=1.00 3-31=-80 00 3-31=-80			unnum.	SEAL 28147	Annunuu a
Uniform Loads (pl Vert: 14-2	isase-1.00, Plate Increase=1) 3=-8, 1-30=-80, 30-31=-160, 1	3-31=-80			Inter	ARK K. M	and baded
Continued on page 2						2/25/2	2025
		before use. This design is based only incorporation of component is respon-			idual banding compon	ent to be instance t	ind lotaded

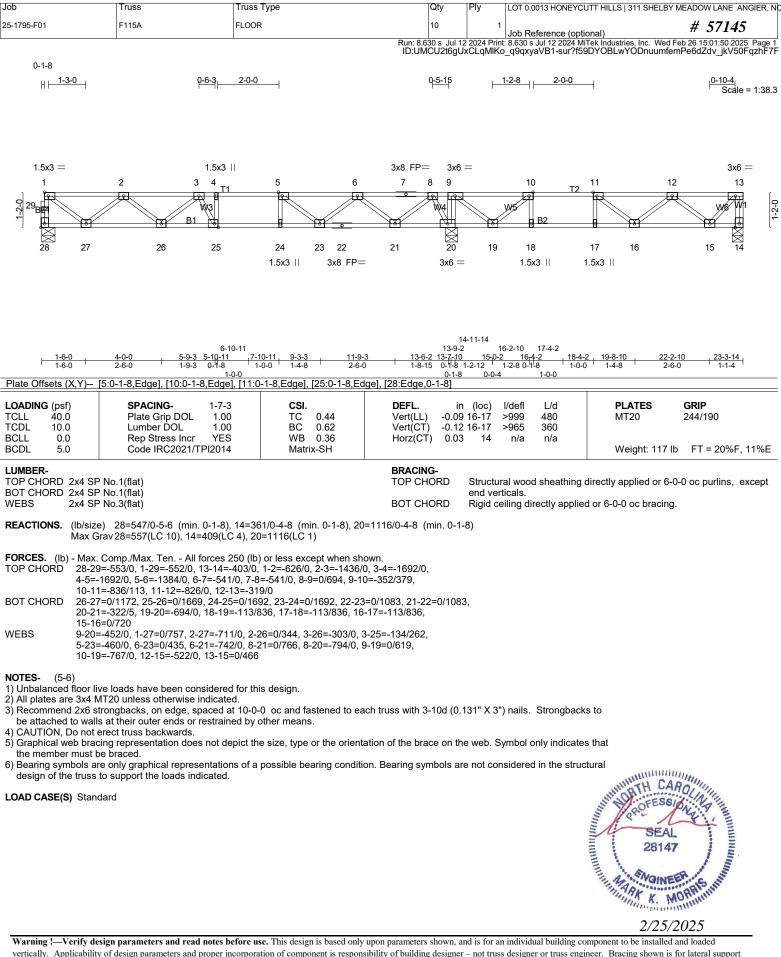
Job	Truss	Truss Type	Qty F	Ply LOT 0.0013 HONEYCUTT HIL	LS 311 SHELBY MEADOW LANE ANGIER, NC
25-1795-F01	F115	FLOOR	2	1 Job Reference (optional)	# 57145
			Dum 0.020 a Jul 12.2		ustrian Inc. Wed Eab 26 15:01:50 2025, Dags 2

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Wed Feb 26 15:01:50 2025 Page 2 ID:UMCU2t6gUxCLqMIKo_q9qxyaVB1-sur?f59DYOBLwYODnuumfemLt6cVdsSjkV50FqzhF7F

LOAD CASE(S) Standard

- 3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-31=-96, 13-31=-16
- 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-16, 9-30=-96, 9-31=-160, 13-31=-80 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-31=-96, 13-31=-16 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-30=-16, 9-30=-96, 9-31=-160, 13-31=-80
- 7) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-5=-80, 5-30=-16, 9-30=-96, 9-31=-160, 13-31=-80 8) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-4=-16, 4-30=-80, 30-31=-160, 13-31=-80 9) 3rd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-80, 11-30=-160, 11-31=-96, 13-31=-16 10) 4th chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-10=-96, 10-31=-160, 13-31=-80 11) 5th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-5=-80, 5-30=-16, 9-30=-96, 9-31=-160, 13-31=-80 12) 6th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-4=-16, 4-30=-80, 30-31=-160, 13-31=-80
- 13) 7th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-30=-80, 11-30=-160, 11-31=-96, 13-31=-16 14) 8th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-10=-96, 10-31=-160, 13-31=-80





Job	Truss	Truss Type	Qty Ply	LOT 0.0013 HONEYCU	ITT HILLS 311 SHELBY MEADO	W LANE ANGIER, NC
25-1795-F01	F115B	FLOOR	2	1 Job Reference (option	onal) #	57145
			Run: 8.630 s Jul 12 2024 ID:UMCU2t6gUxCLc	4	rek Industries, Inc. Wed Feb 26 1 DYOBLwYODnuumfemM96b	5:01:50 2025 Page 1 ZdtBjkV50FqzhF7F
0-1-8 ∦├─ <u>1-3-0</u> ─	<u>0-6-3</u>	2-0-0	0<u>−5−1</u>5	<u>1-2-8</u> <u>2-0-0</u>	4	0-10-4 Scale = 1:38.3
1.5x3 = 1 298 298 28 27	1.5x3 2 3 4 1.5x3 2 3 4 1.5x3 2 3 4 1.5x3 2 3 4 2 4 2 5 2 5 2 5 2 5 2 5 2 5 2 5 2 5	 5 30 6 6 24 23 22 1.5x3 3x8 FP=	4x4 = 3x8 FP= 3x6 = 7 8 9 3x6 = 7 8 9 3x6 = 21 20 4x4 = 3x6 =	10 T2 W5 B2 19 18 4x4 = 1.5x3 1	1131 12 1131 12 17 16 .5x3	3x6 = 13 13 15 14
<u>1-6-0</u> 1-6-0 Plate Offsets (X,Y)	<u>4-0-0 5-9-3 5-10-11</u> 2-6-0 1-9-3 0-1-8 1	10-11) 1-8-15 0-1-8 1-2-12 0-1-8	16-2-10 17-4-2 15-0-2 16-4-2 18-4-2		<u></u>
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-7 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI201-	TC 0.60 BC 0.75 WB 0.48	DEFL. in (lo Vert(LL) -0.09 16- Vert(CT) -0.14 16- Horz(CT) 0.03	17 >999 480	PLATES GRII MT20 244/ Weight: 117 lb FT	190
	P No.1(flat) P No.3(flat)	, 14=431/0-4-8 (min. 0-1-8), 2(enc BOT CHORD Rig 6-0	d verticals.	lirectly applied or 6-0-0 oc l or 10-0-0 oc bracing, Ex 20.	
Max G FORCES. (lb) - Max. TOP CHORD 28-22 4-5=- 9-10 BOT CHORD 26-27 20-2' WEBS 10-18 3-25=	rav 28=574(LC 10), 14=479(L Comp./Max. Ten All forces 9=-571/0, 1-29=-570/0, 13-14= 1803/0, 5-30=-1535/0, 6-30=- -340/390, 10-11=-1139/0, 11- ?=0/1215, 25-26=0/1757, 24-2 1=-484/0, 19-20=-1014/0, 18-1 3=0/256, 9-20=-806/0, 1-27=0/	C 4), 20=1749(LC 1) 250 (lb) or less except when sh 472/0, 1-2=-649/0, 2-3=-1498/ 1535/0, 6-7=-547/0, 7-8=-547/0 31=-1062/0, 12-31=-1062/0, 12 5=0/1803, 23-24=0/1803, 22-22 9=0/1139, 17-18=0/1139, 16-1 765, 2-27=-737/0, 2-26=0/368, /399, 6-21=-967/0, 8-21=0/984	own. 0, 3-4=-1803/0, 8-9=0/1014, -13=-385/0 =0/1262, 21-22=0/1262, 2=0/1139, 15-16=0/872 3-26=-337/0,			
 2) All plates are 3x4 M 3) Load case(s) 1, 2, are correct for the i 4) Recommend 2x6 s be attached to wall 5) CAUTION, Do not 6) Graphical web brac the member must b 7) Bearing symbols and 	ntended use of this truss. trongbacks, on edge, spaced : s at their outer ends or restrain erect truss backwards. ing representation does not d be braced.	ed. 3, 14 has/have been modified. at 10-0-0 oc and fastened to ea hed by other means. epict the size, type or the orient ns of a possible bearing conditi	ch truss with 3-10d (0.131" ation of the brace on the we	X 3") nails. Strongback	s to	<i>u</i> ,
LOAD CASE(S) Stan 1) Dead + Floor Live (Uniform Loads (plf) Vert: 14-28 2) Dead: Lumber Incr Uniform Loads (plf) Vert: 14-28	dard (balanced): Lumber Increase= =-8, 1-30=-80, 30-31=-160, 13 ease=1.00, Plate Increase=1.0 =-8, 1-30=-80, 30-31=-160, 13	1.00, Plate Increase=1.00 9-31=-80 90			s that tural tural tural tural tural the CARO SEAL 28147 K. MORE 2/25/2025	A A A A A A A A A A A A A A A A A A A
					2/25/2025)

Job	Truss	Truss Type	Qty	Ply	LOT 0.0013 HONEYCUTT HILLS 311 SH	ELBY MEADOW LANE ANGIER, NC
25-1795-F01	F115B	FLOOR	2	1	Job Reference (optional)	# 57145

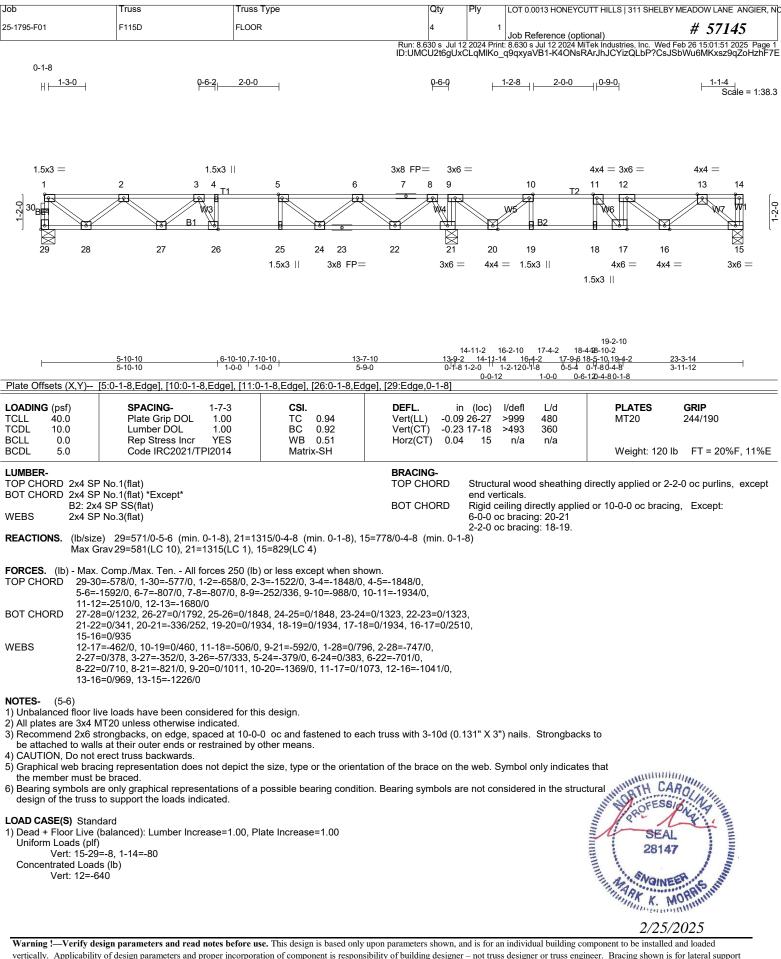
Run: 8.630 s_Jul 12 2024 Print: 8.630 s_Jul 12 2024 MITek Industries, Inc. Wed Feb 26 15:01:50 2025 Page 2 ID:UMCU2t6gUxCLqMIKo_q9qxyaVB1-sur?f59DYOBLwYODnuumfemM96bZdtBjkV50FqzhF7F

LOAD CASE(S) Standard Uniform Loads (plf)

- Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-31=-96, 13-31=-16
- 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-16, 9-30=-96, 9-31=-160, 13-31=-80 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-31=-96, 13-31=-16
- 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 14-28=-8, 1-30=-16, 9-30=-96, 9-31=-160, 13-31=-80
- 7) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-5=-80, 5-30=-16, 9-30=-96, 9-31=-160, 13-31=-80 8) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-4=-16, 4-30=-80, 30-31=-160, 13-31=-80
- 9) 3rd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-80, 11-30=-160, 11-31=-96, 13-31=-16 10) 4th chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
- Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-10=-96, 10-31=-160, 13-31=-80 11) 5th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-5=-80, 5-30=-16, 9-30=-96, 9-31=-160, 13-31=-80
- 12) 6th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 14-28=-8, 1-4=-16, 4-30=-80, 30-31=-160, 13-31=-80
- 13) 7th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
- Uniform Loads (plf) Vert: 14-28=-8, 1-30=-80, 11-30=-160, 11-31=-96, 13-31=-16
- 14) 8th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)
 - Vert: 14-28=-8, 1-30=-80, 9-30=-160, 9-10=-96, 10-31=-160, 13-31=-80



Job		s Type	Qty Ply		IT HILLS 311 SHELBY MEADOW LANE ANGIER, N
25-1795-F01	F115C FLO		1 Run: 8.630 s Jul 12 2024 ID:UMCU2t6aUxCLaMlk	1 Job Reference (option Print: 8.630 s Jul 12 2024 MiTe Co a9axvaVB1-K4ONsRAr,	nal) # 57145 k Industries, Inc. Wed Feb 26 15:01:51 2025 Page 1 JhJCYIzQLbP?CsJaWWz0MMDsz9gZoHzhF7E
0-1-8 ∦├─ <u>1-3-0</u> ─	<u>₽-6-3</u> 2-0-	0	φ <u>-5-1</u> 5	<u>1-2-8</u> <u>2-0-0</u>	0 <u>-5-10-4-</u> 8 Scale = 1:38.3
1.5x3 = 1 $30B$ 29 29	1.5x3 2 3 4 T1 2 B1 81 B1 27 26	5 6 25 24 23 1.5x3 3x8 FP=		20 19 T2	$1.5x3 \\ 3x10 = \\ 11 \\ 12 \\ 13 \\ 14 \\ 14 \\ 14 \\ 14 \\ 15 \\ 18 \\ 17 \\ 16 \\ 15 \\ 5x3 \\ 6x6 \\ 3x8 = \\ 3x$
.	5-10-11 6-10-11 5-10-11 1-0-0	<u>'-10-11 13-</u> 1-0-0 5-8	14-11-14 7-10 13-9-2 -15 0 ¹¹ -81-2-12	4 16-4-2 16-2-10 17-4-2 18-4-2 1-2-120-18 1-0-0 1-0-0	23-3-14 4-11-12
Plate Offsets (X,Y)	[5:0-1-8,Edge], [10:0-1-8,Edge], [11	:0-1-8,Edge], [14:0-1-8,Ed	ge], [14:0-4-8,0-1-8], [26:0-1		3]
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 0.43 BC 0.61 WB 0.36 Matrix-SH	DEFL. in (loc Vert(LL) -0.09 26-2 Vert(CT) -0.12 26-2 Horz(CT) 0.03 1	7 >999 480 7 >999 360	PLATES GRIP MT20 244/190 Weight: 120 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			end	ctural wood sheathing di verticals. d ceiling directly applied	rectly applied or 6-0-0 oc purlins, except or 6-0-0 oc bracing.
	e) 29=547/0-5-6 (min. 0-1-8), 15= Grav 29=558(LC 10), 15=403(LC 4), 3		=1111/0-4-8 (min. 0-1-8)		
TOP CHORD 29-3(4-5=- 10-11 BOT CHORD 27-28 21-22 16-11 WEBS 9-21= 5-24=	Comp./Max. Ten All forces 250 (D=-553/0, 1-30=-552/0, 14-15=-398/ 1693/0, 5-6=-1386/0, 6-7=-544/0, 7 1=-819/114, 11-12=-792/0, 12-13=-2 3=0/1173, 26-27=0/1671, 25-26=0/1 2=-321/7, 20-21=-692/0, 19-20=-114 7=0/674 =-449/0, 1-28=0/757, 2-28=-712/0, 2 =-460/0, 6-24=0/435, 6-22=-742/0, 8 =-753/0, 12-16=-508/0, 14-16=0/43	0, 1-2=-626/0, 2-3=-1438// 8=-544/0, 8-9=0/692, 9-10 76/0, 13-14=-279/0 693, 24-25=0/1693, 23-24 /819, 18-19=-114/819, 17 -27=0/344, 3-27=-304/0, \$ -22=0/766, 8-21=-792/0, \$), 3-4=-1693/0,)=-346/378, =0/1086, 22-23=0/1086, -18=-114/819, 3-26=-133/263,		
 2) All plates are 3x4 M 3) Recommend 2x6 s be attached to wall 4) CAUTION, Do not of 5) Graphical web brack the member must be 6) Bearing symbols and 	ve loads have been considered for t MT20 unless otherwise indicated. trongbacks, on edge, spaced at 10- s at their outer ends or restrained by erect truss backwards. cing representation does not depict be braced. re only graphical representations of to support the loads indicated.	0-0 oc and fastened to ea v other means. he size, type or the orient	ation of the brace on the wel		
LOAD CASE(S) Stan	dard				SEAL 28147 2/25/2025
					2/25/2025



Job	Truss	Truss Type			Qty	Ply	LOT 0.0013 HONEYCU	JTT HILLS 311 SHELB	Y MEADOW LANE ANGIER
25-1795-F01	F116	Floor			13	1	Job Reference (option		# 57145
0-1-8 ⊢⊢)		⁰⁻⁶⁻² ───	Run: 8.6 ID:UI 2-0-0	¹ 30 s Jul 13 MCU2t6gl	UxCLqMlk	: 8.630 s Jul 12 2024 Mi	Tek Industries, Inc. Wed	1Feb 26 15:01:52 2025 Pag IsnYwMS5o80Cpa6KjzhF 0- <u>1-</u> 8 Scale = 1:2;
1.5x3 =	2	N	1.5x3 3 4	T1 B1	• (w3	5		7	1.5x3 =
	15 <u>5-10-10</u> 5-10-10		13 + 6-10)-0 1-0-0	12		11 <u>13-</u> 5-10	10 <u>9-4</u> <u>0-10</u>	
Plate Offsets (X, Y)- LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCLL 5.0	- [8:0-1-8,Edge], [12:0-1- SPACING- Plate Grip DOL Lumber DOL Rep Stress Incr Code IRC2021/T	1-7-3 C 1.00 T 1.00 B YES W	gej, <u>[16:Edge,0-</u> C 0.29 C 0.40 VB 0.39 Matrix-SH	DEFL. Vert(LL) Vert(CT Horz(CT	-0.08) -0.11	12-13́ 12-13	l/defl L/d >999 480 >999 360 n/a n/a	PLATES MT20 Weight: 70 II	GRIP 244/190 b FT = 20%F, 11%I
LUMBER- TOP CHORD 2x4 3 BOT CHORD 2x4 3 WEBS 2x4 3				BRACIN TOP CH BOT CH	IORD	end ver			-0-0 oc purlins, excepi ng.
FORCES. (Ib) - Ma TOP CHORD 16- 5-6 BOT CHORD 14- WEBS 4-1	ize) 16=590/0-5-6 (min. ix. Comp./Max. Ten All f :17=-586/0, 1-17=-585/0, s :=-1897/0, 6-7=-1553/0, 7- :15=0/1253, 13-14=0/1831 3=-268/39, 5-12=-269/39, 0=-760/0, 7-11=0/390, 6-	orces 250 (lb) or less 9-18=-586/0, 8-18=-58 8=-669/0 , 12-13=0/1897, 11-12 1-15=0/810, 2-15=-76	except when sh 35/0, 1-2=-669/0 2=0/1831, 10-11 60/0, 2-14=0/390	, 2-3=-1553/0, I=0/1253					
NOTES- (4-5)	live loads have been con								

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

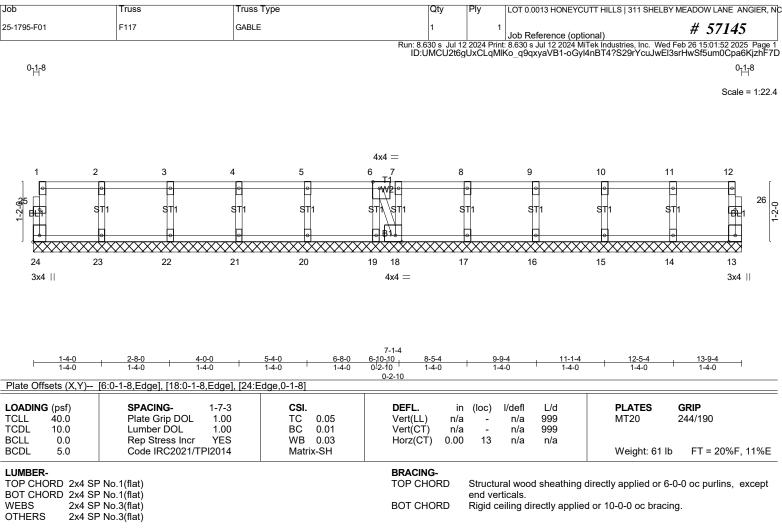
be attached to walls at their outer ends or restrained by other means.

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





REACTIONS. All bearings 13-9-4.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 24, 13, 14, 15, 16, 17, 18, 23, 22, 21, 20, 19

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

