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 #: 54884 JOB: 24-B205-F01 JOB NAME: LOT 0.0015 CAMPBELL RIDGE 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 2018 as well as IRC 2021. *18 Truss Design(s)*

Trusses:

F101, F102, F103, F104, F105, F106, F107, F108, F109, F110, F111, F112, F113, F114, F115, F116, F117, F118



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

Job	Truss	Truss Type	Qty	Ply LOT	0.0015 CAMPBELL	RIDGE 271 ALDEN W	AY ANGIER, NC
24-B205-F01	F101	GABLE	2	1			# 54884
			Run: 8.430 s Feb	JOD 12 2021 Print: 8.6	Reference (option 330 s Jul 12 2024 Mil	al) ēk Industries, Inc. Sat	Dec 7 18:06:22 2024 Page 1 S?KVfnY?hikOuqRRyBI8F
			ID:oDuWOOM	nLxMOj2fwcp2a	KqzMG6w-wpf9_>	iCWXci512KjQr6EP	
							0 ₁ 1 ₁ 8
							Scale = 1:22.4
3x4			3x4 =	_			
	3	4 5	6 7	8	9	10	11 12
		STI STI W2		 ST1	<u> </u>		
Q ₩1 ST1	ST1	ST1 ST1 W2	ST1 ST1	SII	ST1	ST1	ST1 BL1 026
			B1 P				
	<u> </u>	21 20					
24 23 3x4	22	21 20 3x4 =	19 18	17	16	15	14 13
1-4-0	2-8-0 4-0-0	5-4-0 6-8-0	8-0-0	9-4-0	10-8-0	12-0-0 1	3-4-0 14-2-0
1-4-0	1-4-0 1-4-0	1-4-0 1-4-0 , [20:0-1-8,Edge], [24:Edge,0-1-	1-4-0	1-4-0	1-4-0	1-4-0	1-4-0 0-10-0
LOADING (psf) TCLL 40.0	SPACING- 2-0-0 Plate Grip DOL 1.00		DEFL. in Vert(LL) n/a			PLATES MT20	GRIP 244/190
TCDL 10.0	Lumber DOL 1.00	D BC 0.01	Vert(CT) n/a	ı - n/a		IVIT 20	244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr YES Code IRC2018/TPI2014		Horz(CT) -0.00) 13 n/a	ı n/a	Weight: 59 lb	FT = 20%F, 11%E
							FI - 2070F, 1170∟
LUMBER- TOP CHORD 2x4 SP N	a 1/flat)		BRACING- TOP CHORD	Structural wa	and cheathing dir	actly applied or 10	-0-0 oc purlins, except
BOT CHORD 2x4 SP N	o.1(flat)			end verticals			
WEBS 2x4 SP N OTHERS 2x4 SP N			BOT CHORD	Rigid ceiling	directly applied of	or 10-0-0 oc bracin	g.
	0.0(1141)						

REACTIONS. All bearings 14-2-0.

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

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) 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) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

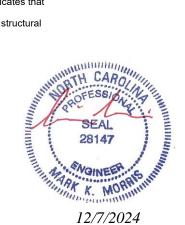
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

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



lob	Truss	Truss Type	Qty	Ply LOT 0.00	15 CAMPBELL RIDGE 271 A	ALDEN WAY ANGIER, NC
4-B205-F01	F102	Floor	6	1 Job Refe	erence (optional)	# 54884
		1	Run: 8.430 s Fe ID:oDuWOOMhL	b 12 2021 Print: 8.630 s	Jul 12 2024 MiTek Industries.	Inc. Sat Dec 7 18:06:23 2024 Page H8MLnc?68usyHJOsz2dO_tyBl
1-3-0						<u>1-0-10</u> 0 ₁₁ 8
						Scale = 1:23
						1.5x3
1 3x8 =	3x4 =	3x4 = 1.5x			3x4 =	4x4 = 1.5x3 = 7
	2	3 4	5 T1		6	
			B1			
	14 13	12		11	10	
3x4	3x8 = 3x	4 = 3x8	=	3x4 =	4x4 =	6x6
⊢ <u>1-6-0</u> 1-6-0 late Offsets (X,Y)	4-0-0 2-6-0 [15:Edge,0-1-8], [16:0-1-8,0-0-	9-1- 5-1- 3]		1 2	1-7-8 2-6-0	<u>13-11-2</u> 14-2 ₇ 2 2-3-10 0-3-0
OADING (psf)	SPACING- 2-0-0			n (loc) l/defl	L/d PLATE	
CLL 40.0 CDL 10.0	Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	BC 0.59	Vert(LL) -0.1 Vert(CT) -0.2 Horz(CT) 0.0	2 11-12 >757	480 MT20 360	244/190
CLL 0.0 CDL 5.0	Rep Stress Incr YES Code IRC2018/TPI2014			4 9 n/a	n/a Weigh	it: 71 lb FT = 20%F, 11%l
UMBER-			BRACING- TOP CHORD	Structural wood	sheathing directly applie	ed or 6-0-0 oc purlins, except

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

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

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

REACTIONS. (lb/size) 15=766/0-4-8 (min. 0-1-8), 9=760/0-7-14 (min. 0-1-8)

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

TOP CHORD 1-15=-759/0, 1-2=-1026/0, 2-3=-2409/0, 3-4=-3018/0, 4-5=-3018/0, 5-6=-2739/0, 6-7=-1714/0

BOT CHORD 13-14=0/1931, 12-13=0/2851, 11-12=0/3028, 10-11=0/2416, 9-10=0/974

WEBS 1-14=0/1216, 2-14=-1104/0, 2-13=0/584, 3-13=-539/0, 5-11=-353/0, 6-11=0/394, 6-10=-857/0, 7-10=0/903,

7-9=-1212/0

NOTES- (4-5)

1) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

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.

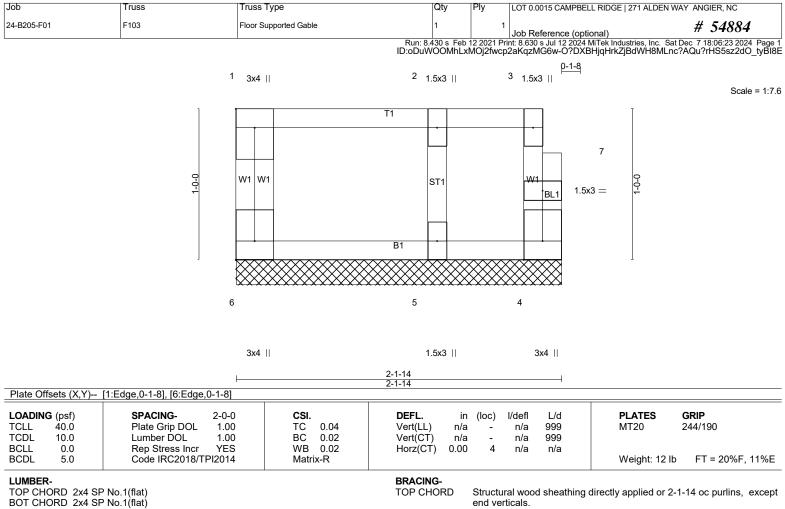
3) CAUTION, Do not erect truss backwards.

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





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

BOT CHORD

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

REACTIONS. (lb/size) 6=66/2-1-14 (min. 0-1-8), 4=31/2-1-14 (min. 0-1-8), 5=107/2-1-14 (min. 0-1-8)

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

NOTES-(7-8)

1) Gable requires continuous bottom chord bearing.

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

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

- 4) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 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 Lo	OT 0.0015 CAMPBELL RIDGE 271 ALI	DEN WAY ANGIER, NC
24-B205-F01	F104	Floor	3	1 Jo	bb Reference (optional)	# 54884
		·	Run: 8.430 s Fe ID:oDuWOON	b 12 2021 Print: hLxMOj2fwcp2	8.630 s Jul 12 2024 MiTek Industries, In 2aKqzMG6w-sBnwPckS28sQLLCir	c. Sat Dec 7 18:06:24 2024 Page 1 rtaKqXG7IE80on?CiNxWJyBI8D
1-3-0						0-9-10 0 ₁ 18
						Scale = 1:20.6
₁ 3x6 =			1.5x3			1.5x3 =
1 340 -	2	3		5	6	7
		1		11		
9w1						15 o
						W3 BII 15 00-
	Ň4		B1			
14	13	12	11		10	9
	3x6 =		3x8 =			4x4 =

1-6-0	2-6-0		5-1-8	2-6-0	1-0-10
Plate Offsets (X,Y)	[7:0-1-8,Edge], [14: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 IRC2018/TPI2014	CSI. TC 0.30 BC 0.46 WB 0.51 Matrix-SH	Vert(LL) -0.10 11 >999 Vert(CT) -0.14 11 >999	L/d PLATES 480 MT20 360 n/a Weight: 64 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF			BRACING- TOP CHORD Structural wood s end verticals.	heathing directly applied or 6-	0-0 oc purlins, except

9-1-8

2x4 SP No.3(flat) WEBS

1-6-0

11-7-8

12-8-2

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

REACTIONS. (Ib/size) 14=683/0-4-8 (min. 0-1-8), 8=677/0-7-14 (min. 0-1-8)

4-0-0

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

TOP CHORD 1-14=-676/0, 8-15=-676/0, 7-15=-675/0, 1-2=-897/0, 2-3=-2046/0, 3-4=-2415/0, 4-5=-2415/0, 5-6=-1896/0,

- 6-7=-635/0
- BOT CHORD 12-13=0/1685, 11-12=0/2370, 10-11=0/2303, 9-10=0/1454
- WEBS 1-13=0/1064, 2-13=-961/0, 2-12=0/441, 3-12=-396/0, 5-10=-497/0, 6-10=0/540, 6-9=-1000/0, 7-9=0/834

NOTES-(5-6)

- 1) All plates are 3x4 MT20 unless otherwise indicated.
- 2) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 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



Job	Truss	Truss Type	Qty	Ply LOT (0.0015 CAMPBELL	. RIDGE 271 ALDEN W	AY ANGIER, NC
24-B205-F01	F105	Floor	1	1	Reference (optio		# 54884
			Run: 8.430 s Feb 12 ID:oDuWOOMhL	2 2021 Print: 8.63	30 s Jul 12 2024 M	iTek Industries, Inc. Sat	Dec 7 18:06:25 2024 Page 1 I4QiidflDs9RM6U2myBI8C
1-3-0	I					Q-4-12	0 <u>-4-14</u> 0 ₁₁₇ 8
							Scale = 1:23.0
1 ^{3x6} =	2	1.5x3 3 4	5		6	4x8 = 7	1.5x3 = 8
					k	, 	
SW1							W4 B 1 18 00
			₹B1				
16	15	14		13		12	
		3x8	=			4x4 =	3x8 =
<u> </u>	4-0-0 2-6-0	<u> </u>			11-7-8 2-6-0	<u>12-1-1212-10-2</u> 0-6-4 0-8-6	13-6-4 14-2-2 0-8-2 0-7-14
	3:0-1-8,Edge], [17:Edge,0-1-8]						
LOADING (psf) TCLL 40.0	SPACING- 2-0-0 Plate Grip DOL 1.00	CSI. TC 0.37	DEFL. in Vert(LL) -0.06 1	(loc) l/defl 4-15 >999	L/d 480	PLATES MT20	GRIP 244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.00 Rep Stress Incr YES	BC 0.32 WB 0.58	Vert(CT) -0.08 1 Horz(CT) 0.01	4-15 >999 11 n/a	360 n/a		
BCDL 5.0	Code IRC2018/TPI2014	Matrix-SH				Weight: 74 lb	FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP	No.1(flat)		BRACING- TOP CHORD	Structural woo	od sheathing d	irectly applied or 6-0	0-0 oc purlins, except
BOT CHORD 2x4 SP WEBS 2x4 SP	No.1(flat) No.3(flat)			end verticals. Rigid ceiling c	directly applied	or 6-0-0 oc bracing	
REACTIONS. (lb/size)) 17=549/0-4-8 (min. 0-1-8).	9=-613/2-1-14 (min. 0-1-8), 1					
	lift9=-613(LC 1)			-))	Υ -	,	
		50 (lb) or less except when sh 9, 1-2=-687/0, 2-3=-1453/0, 3-		5-6=-515/0	6-7=0/1087		
7-8=0/	418	=0/1124, 11-12=-1487/0, 10-1		0.0-010/0, 0	<i>o i – oi 1001</i> ,		
WEBS 7-11=-	1511/0, 1-16=0/815, 2-16=-72	28/0, 5-14=0/366, 5-13=-744/0,		5/0, 7-12=0/75	56,		
	0/1221, 8-10=-791/0						
	T20 unless otherwise indicate						
3) This truss is designed	ed in accordance with the 2018	s to bearing plate capable of w 3 International Residential Cod			and referenced	1	
	ongbacks, on edge, spaced a	t 10-0-0 oc and fastened to ea	ach truss with 3-10d (0.13	81" X 3") nails	. Strongbacks	to	
be attached to walls 5) CAUTION, Do not e	at their outer ends or restrain rect truss backwards.	ed by other means.					
 6) Graphical web braci the member must be 		pict the size, type or the orient	ation of the brace on the	web. Symbol	only indicates	that	
Bearing symbols are		s of a possible bearing conditi	on. Bearing symbols are	not considere			
LOAD CASE(S) Stand						SEAL 28147	ROMM
						WIND OFESS,	BAN SIL
						and and a	and the second s
						28141	
						A SNOINE	ER Summer
						Mining K. N	ORTINI

Job	Truss	Truss Type	Qty Ply	LOT 0.0015 CAMPBELL RIDGE 271 ALDEN WAY	Y ANGIER, NC
24-B205-F01	F106	Floor	3	1 Job Reference (optional)	# 54884
		Run: 8 ID:oE	.430 s Feb 12 2021 F DuWOOMhLxMOj2	Job Reference (optional) Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat De fwcp2aKqzMG6w-pavgqlliam68aeM5yGw2PFc	ec 7 18:06:26 2024 Page 1 da76tCUgNlf0s2bCyBl8B
1-3-0					<u>0-9-10</u> 0- <u>1</u> -8
					Scale = 1:24.7
					4x4 =
4.0 -		1.5x3			1.5x3 =
1 ^{4x6} =	2	3 4 5		6 7	8
3WI	$//$ \searrow ,		$\langle //$		W3 BU1 17 0-0-
		B1			
15	14	13	12	11 1	10
			12		
4x6 =		3x8 =		4	4x4 =

1-0-0	4-0-0	9-1-0	11-7-0	14-1-0 10-2-2
1-6-0	2-6-0	5-1-8	2-6-0	2-6-0 1-0-10
Plate Offsets (X,Y)	[1:Edge,0-1-8], [8:0-1-8,Edge], [16:E	dge,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 IRC2018/TPI2014	CSI. TC 0.39 BC 0.68 WB 0.63 Matrix-SH	DEFL. in (loc) l/defl L/d /ert(LL) -0.21 12-13 >860 480 /ert(CT) -0.29 12-13 >623 360 Horz(CT) 0.05 9 n/a n/a	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			BRACING- OP CHORD Structural wood sheathing end verticals. BOT CHORD Rigid ceiling directly appli	directly applied or 6-0-0 oc purlins, except

9-1-8

1-6-0

14-1-8

15-2-2

11_7_8

REACTIONS. (lb/size) 16=821/0-4-8 (min. 0-1-8), 9=815/0-7-14 (min. 0-1-8)

4-0-0

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

TOP CHORD 1-16=-813/0, 9-17=-814/0, 8-17=-812/0, 1-2=-1112/0, 2-3=-2651/0, 3-4=-3419/0, 4-5=-3419/0, 5-6=-3300/0, 6-7=-2437/0, 7-8=-778/0

BOT CHORD 14-15=0/2094, 13-14=0/3171, 12-13=0/3513, 11-12=0/3051, 10-11=0/1789

1-15=0/1318, 2-15=-1200/0, 2-14=0/679, 3-14=-635/0, 3-13=0/299, 5-12=-261/0, 6-12=0/304, 6-11=-749/0, 7-11=0/791, WEBS 7-10=-1234/0. 8-10=0/1024

NOTES-(5-6)

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

2) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

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



Job	Truss	Truss Type	Qty	Ply LOT (0.0015 CAMPBELL I	RIDGE 271 ALDEN WAY ANGIER, NC
24-B205-F01	F107	Floor	1	1 Job F	Reference (option	al) # 54884
<u>1-3-0</u>	4		Run: 8.430 s Feb ID:oDuWOOMhLxMO	12 2021 Print: 8.63	30 s Jul 12 2024 MiT	Tek Industries, Inc. Sat Dec 7 18:06:27 2024 Page 1 3E?CoxHW_RHxS9kPWHxD7hRugbb7eyBl8A ↓0-7-12, ↓ 1-1-14 01168 Scale = 1:24.8
	3x4 = 2 16 15 1x4 = 3x	3x4 = 1.5x3 3 4 4 4 = 14 3x8 = 14	3x4 = T1 B1 13 3x4	3x4 6 •	= 12 3x6 =	$3x6 = 1.5x3 7 8^{5x8} = 9 18 0^{-0}$ 3x6 = 8x8
⊢ 1-6-0 1-6-0 Plate Offsets (X,Y)	+ 4-0-0 + 2-6-0 [10:Edge,0-3-0], [17:Edge,0-	<u>9-1-8</u> 5-1-8		<u>11-7-8</u> 2-6-0	3	13-6-4 13-7-12 14-11-2 15-2-2 1-10-12 0-1-8 1-3-6 0-3-0
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0		00 TC 0.49 00 BC 0.39 ES WB 0.62	DEFL. in Vert(LL) -0.09 Vert(CT) -0.13 Horz(CT) 0.02	14 >999	L/d 480 360 n/a	PLATES GRIP MT20 244/190 Weight: 78 lb FT = 20%F, 11%E
			BRACING- TOP CHORD BOT CHORD	end verticals. Rigid ceiling o	0	rectly applied or 6-0-0 oc purlins, except or 10-0-0 oc bracing, Except: I.
	e) 17=618/0-4-8 (min. 0-1- lplift10=-1132(LC 1)	3), 10=-1132/1-7-14 (min. 0-1-8)	, 11=2149/1-7-14 (min	. 0-1-8)		
FORCES. (lb) - Max TOP CHORD 1-17 BOT CHORD 15-11 WEBS 8-11	Comp./Max. Ten All force =-612/0, 1-2=-796/0, 2-3=-17 5=0/1491, 14-15=0/1992, 13-	s 250 (lb) or less except when sh 60/0, 3-4=-1940/0, 4-5=-1940/0, 1 14=0/1731, 12-13=0/698, 11-12= 849/0, 2-15=0/328, 3-15=-284/0, =-1095/0, 8-10=0/2209	5-6=-1234/0, 7-8=0/187 1149/0, 10-11=-1873/	0	4,	
 2) This truss is design standard ANSI/TP 3) This truss has larg at the bearings. Bu 4) Recommend 2x6 s be attached to wall 5) CAUTION, Do not 6) Graphical web brain the member must in 7) Bearing symbols a 	ned in accordance with the 2 1. e uplift reaction(s) from gravi ilding designer must provide trongbacks, on edge, spaced s at their outer ends or restra- erect truss backwards. cing representation does not be braced.	depict the size, type or the orient ons of a possible bearing conditi	le sections R502.11.1 a n is required to secure ach truss with 3-10d (0. ation of the brace on th	nd Ŕ802.10.2 truss against u 131" X 3") nails e web. Symbol	pward movements. Strongbacks to only indicates t	to hat
LOAD CASE(S) Stan	dard					SEAL 28147

Job	Truss	Truss Type	Qty	Ply	LOT 0.0015 CAMPBEL	L RIDGE 271 ALDEN	WAY ANGIER, NC
24-B205-F01	F108	Floor Supported Gable	1		1		# 54884
			Run: 8.430 s Fe	b 12 2021 I	Job Reference (optic Print: 8.630 s Jul 12 2024 M	/iTek Industries, Inc. Sa	at Dec 7 18:06:28 2024 Page
0-1-8			ID:oDuWOOM	/hLxMOj2	2twcp2aKqzMG6w-ly0Q	F_nz6NMrpyWU4hy	WUgi?gviAyj8b7KL9f4yBI
0 ^H -0							
							Scale = 1:37
		3x8 FP= 3x4	=				3x4
1 2	3 4 5 T1	6 7 8 9 10	0 11 12	13	14 15 T2	16 17	18 19
as9 _{Bata} ST1			1 ST1 ST1	e ST1		ST1 ST1	
						B2g g	
38 37	36 35 34	33 32 31 30		27 26	25 24	23 22	21 20
3x4		3x4 =		x8 FP=	20 21		3x4
L			22-9-10				
Plate Offsets (X,Y)	[10:0-1-8,Edge], [31:0-1-8,E	dge], [38:Edge,0-1-8]	22-9-10				
LOADING (psf)	SPACING- 2-	0-0 CSI .	DEFL.	n (loc)	l/defl L/d	PLATES	GRIP
TCLL 40.0	Plate Grip DOL 1	00 TC 0.07	Vert(LL) n/	a`-́	n/a 999	MT20	244/190
BCLL 0.0	Rep Stress Incr Y	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 IRC2018/TPI20	14 Matrix-SH				Weight: 92 I	b FT = 20%F, 11%E
LUMBER-			BRACING-	01		line attack and the day	
TOP CHORD 2x4 SF BOT CHORD 2x4 SF	P No.1(flat)		TOP CHORD	end ve	erticals.		S-0-0 oc purlins, except
	P No.3(flat) P No.3(flat)		BOT CHORD	Rigid o	ceiling directly applied	d or 10-0-0 oc brac	ing.

REACTIONS. All bearings 22-9-10.

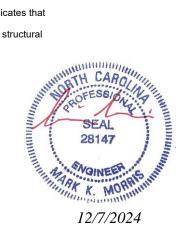
(lb) - Max Grav All reactions 250 lb or less at joint(s) 38, 20, 37, 36, 35, 34, 33, 32, 31, 30, 29, 28, 26, 25, 24, 23, 22, 21

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) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 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



Job	Truss	Truss Type	Qty	Ply		LL RIDGE 271 ALDEN	
24-B205-F01	F109	Floor	13	1		·	# 54884
			Run: 8.430 s Feb	12 2021 Pr	Job Reference (opt int: 8.630 s Jul 12 2024	MiTek Industries Inc. 9	Sat Dec 7 18:06:30 2024 Page 1 Z5nHhjJcQWouadqFkzyBI87
0-1-8						IgoDu_czoOgoDo	
∦			1-4-14			0-10-12	1-0-0 Scale = 1:38.0
45.0						0.0	
1.5x3 = 1	2 3	1.5x3 3x8 FP= 4 5 6 7	3x8 = 8		9 T2	3x6 = 10 11	12 13
			W3 1				
		B1 8		The second secon		B2	
26 25	24	23 22	21 20	19	18 17		15 14
		3x8 =	3x6 =	3x6 =	3x8 FP=	3x6 =	3x6 =
Ļ		3-1-14 3-1-14			19-3-10 6-1-12	I	23-2-2 3-10-8
Plate Offsets (X,Y)					0112	1	
LOADING (psf) TCLL 40.0	SPACING- 1-4-0 Plate Grip DOL 1.00		DEFL. in Vert(LL) -0.06		l/defl L/d >999 480	PLATES MT20	GRIP 244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.00 Rep Stress Incr NC	BC 0.33	Vert(CT) -0.07 Horz(CT) 0.01	23	>999 360 n/a n/a		210,000
BCDL 5.0	Code IRC2018/TPI2014				11/4 11/4	Weight: 11	7 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF	No.1(flat)		BRACING- TOP CHORD	Structur	al wood sheathing	directly applied or	6-0-0 oc purlins, except
BOT CHORD 2x4 SF			BOT CHORD	end ver			
REACTIONS. (Ib/size	e) 26=364/0-7-14 (min. 0-1-8), 20=2029/0-4-8 (min. 0-1-8).	, 14=435/0-4-8 (min. 0-	1-8)	0 7 11		•
Max G	rav 26=384(LC 3), 20=2029(LC	C 1), 14=497(LC 4)	, , , , , , , , , , , , , , , , , , ,	,			
	Comp./Max. Ten All forces 2 '=-381/0, 1-27=-380/0, 1-2=-49			9/237, 6-7	/=-579/237,		
)/729, 8-9=0/801, 9-10=-964/0, 5=0/921, 23-24=0/1189, 22-23=			69/0, 18-1	9=-366/545,		
	8=-366/545, 16-17=0/1356, 15- 1995/0, 1-25=0/562, 2-25=-5		, 7-21=-825/0, 8-21=0/9	53, 8-19=	=0/992, 9-19=-927/	0,	
9-17	=0/626, 10-17=-589/0, 10-16=0)/359, 11-15=-568/0, 12-15=0/	562, 12-14=-781/0				
NOTES- (7-8) 1) Unbalanced floor li	ve loads have been considered	d for this design.					
3) This truss is desigr	IT20 unless otherwise indicate ed in accordance with the 201		de sections R502.11.1 a	and R802	.10.2 and reference	ed	
standard ANSI/TPI 4) Load case(s) 1, 2,	1. 3, 4, 5, 6 has/have been modifi	ed. Building designer must rev	view loads to verify that	they are o	correct for the inter	ded	
	trongbacks, on edge, spaced a		ach truss with 3-10d (0.	131" X 3") nails. Strongback	ks to	
6) CAUTION, Do not	s at their outer ends or restrain erect truss backwards.	2					
Graphical web brac the member must b	ing representation does not de be braced.	epict the size, type or the orien	tation of the brace on th	e web. S	ymbol only indicate	s that	110111teres
	e only graphical representation to support the loads indicated.	ns of a possible bearing condit	ion. Bearing symbols ar	e not con	sidered in the strue	s that ctural when the Construction of the Con	AROLIN
LOAD CASE(S)						111111 POPLO	No. A Int
 Dead + Floor Live (Uniform Loads (plf) 	balanced): Lumber Increase=1	.00, Plate Increase=1.00				SE	AL
Concentrated Load						111111	*] [
Vert: 8=-80		0				THE ALS NON	EER OF MINT
Uniform Loads (plf) Vert: 14-26	=-7, 1-13=-67					Minin K.	MOREMUN

Job	Truss	Truss Type	Qty	Ply	LOT 0.0015 CAMPBELL RIDGE 271 ALDEN WAY	Y ANGIER, NC
24-B205-F01	F109	Floor	13	1	Job Reference (optional)	# 54884
Run: 8.430 s. Feb 12.2021 Print: 8.630 s. Jul 12.2024 MiTek Industries. Inc. Sat Dec. 7.18:06:30.2024 Page 2						

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Dec 7 18:06:30 2024 Page 2 ID:oDuWOOMhLxMOj2fwcp2aKqzMG6w-hL8BfgoDd_cZ3GgsB6_Z5nHhjJcQWouadqFkzyBI87

LOAD CASE(S) Concentrated Loads (lb) Vert: 8=-800 11=-350 3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 14-26=-7, 1-8=-67, 8-13=-13 Concentrated Loads (lb) Vert: 8=-800 11=-350 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 14-26=-7, 1-8=-13, 8-13=-67 Concentrated Loads (lb) Vert: 8=-218 11=-350 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 14-26=-7, 1-8=-67, 8-13=-13 Concentrated Loads (lb) Vert: 8=-800 11=-350 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 14-26=-7, 1-8=-13, 8-13=-67 Concentrated Loads (lb)

Vert: 8=-218 11=-350

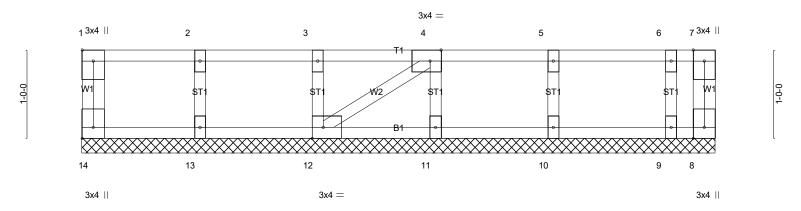


Job		Truss	Truss Type	Qty	Ply LOT 0.	0015 CAMPBELL F	RIDGE 271 ALDEN	WAY ANGIER NC
24-B205-F0	1	F110	Floor	9	1			# 54884
				Run: 8.430 s Feb 1	2 2021 Print: 8.630	eference (optiona) s Jul 12 2024 MiT (gzMG6w-9XiZt0	ek Industries, Inc. Sa	at Dec 7 18:06:31 2024 Page 1 6IKQf7eZ9xj1pHZpGPyBI86
						(q	pi oliitagazzip i o	0-3-8
H	1-3-0			1-4-14	1-0-4			0 <u>-</u> 4-0 Scale = 1:37.6
Зх(6 =		1.5x3 3x8 FP=	5x12 =	3x8 =			4x8 =
1 _] Бе	2		4 5 6 7	8	9 	2 10 2		11 12wd3
- - - - -		B1		W3	W	B 2		
28				23 22 21	<u> [[0]</u>			
28	27	26	25 24 3x8 =		20 19 4x10 =	18	17	16 15 14 4x4 = 4x6 =
			5x0 —	3x6 =	+x10 —			4,44 — 4,00 —
				14-5-0	15-8-2			
F			13-1-14 13-1-14	13-3-6 0-1-8	+ 15-6-10 + 1-1-10		22-6-2 6-10-0	23-2-2
Plate Of	fsets (X,Y) [14:	Edge,0-1-8], [28:Edge,0		1-1-10	0-1-8			
LOADIN	G (psf)	SPACING- 1-	-4-0 CSI .	DEFL. in	(loc) l/defl	L/d	PLATES	GRIP
TCLL TCDL	40.0 10.0	Plate Grip DOL 1	1.00 TC 0.47 1.00 BC 0.41	Vert(LL) -0.06 2 Vert(CT) -0.08 2	17-18 >999	480 360	MT20	244/190
BCLL BCDL	0.0 5.0		NO WB 0.62	Horz(CT) 0.01	14 n/a	n/a	Weight: 120	lb FT = 20%F, 11%E
								10 11 - 20701, 1170L
TOP CH	ORD 2x4 SP No					d sheathing dire	ectly applied or 6	3-0-0 oc purlins, except
WEBS		o.3(flat) *Except*			end verticals. Rigid ceiling di	irectly applied o	r 6-0-0 oc bracir	ng.
		P No.2(flat)						
REACTIO		28=330/0-3-14 (min. 0- 28=390(LC 3), 21=1928	.1-8), 21=1928/0-4-8 (min. 0-1-8 8(LC 1), 14=1291(LC 4)), 14=1229/0-4-8 (min. 0-1	1-8)			
FORCES	. (lb) - Max. Co	mp./Max. Ten All forc	es 250 (lb) or less except when s	shown.				
	ORD 1-28=-38	86/0, 1-2=-496/0, 2-3=-1	077/41, 3-4=-1133/253, 4-5=-11 -333/664, 9-10=-1885/22, 10-11=	33/253, 5-6=-600/622,				
BOT CH	ORD 26-27=0/	929, 25-26=-125/1200,	24-25=-419/959, 23-24=-854/21	4, 22-23=-854/214,				
	16-17=0/	1430, 15-16=0/774, 14-						
WEBS	1-27=0/5	88, 2-27=-528/3, 5-25=	1-17=-41/305, 11-16=-566/0, 12- 0/314, 5-24=-547/0, 7-24=0/583,					
	8-22=0/1	018, 8-20=0/2204, 9-20	=-1964/0					
NOTES- 1) Unbal		oads have been conside	ered for this design.					
		0 unless otherwise indic in accordance with the	cated. 2018 International Residential Co	ode sections R502 11 1 an	d R802 10 2 a	nd referenced		
[′] standa	ard ANSI/TPI 1.		ed at 10-0-0 oc and fastened to				0	
be atta	ached to walls at	their outer ends or rest	rained by other means.	· ·	,	Ū		
6) Graph	ION, Do not erec ical web bracing	ct truss backwards. representation does no	t depict the size, type or the orie	ntation of the brace on the	web. Symbol	only indicates th	nat munum	11111tte
the me 7) Bearir	ember must be b ng symbols are o	raced. nly graphical representa	tions of a possible bearing cond	ition. Bearing symbols are	not considere	d in the structur	akin OFTH C	AROLINIU
design	n of the truss to s	support the loads indicat	ed.				ROFES	PARE
LOAD C	ASE(S) Standard	d anced): Lumber Increas	e=1.00. Plate Increase=1.00			Inth	1-SEA	L
Unifor	m Loads (plf)	4 40- 07	- 1.00, 1 late increase - 1.00			TITIN	2814	47 J Ē
Conce	vert: 14-28=-7 entrated Loads (II	, 1-13=-67 b)	t depict the size, type or the orie ttions of a possible bearing cond ed. e=1.00, Plate Increase=1.00				AND	A .
	Vort. 0=_035 1'	v- 870						
	Vent. 9900 12	2070					MARK K	MORAL

Job	Truss	Truss Type	Qty	Ply	LOT 0.0015 CAMPBELL RIDGE 271 ALDEN WAY	ANGIER, NC
24-B205-F01	F111	GABLE	1	1	Job Reference (optional)	# 54884

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Dec 7 18:06:32 2024 Page 1 ID:oDuWOOMhLxMOj2fwcp2aKqzMG6w-dkGx4MqT9csHIZpFJX1SeWtioX46uX9B2xJMosyBI85

Scale = 1:13.0



F	1-4-0	2-8-			4-0-0		5-4-0			6-8-0	7-2-0
	1-4-0	1-4-	-		1-4-0		1-4-(J	•	1-4-0	0-6-0
Plate Offsets (X,Y) [1:Edge,0-1-8], [4:0-1-	8,Edge], [12:0-	1-8,Edge], [1	4:Edge,0-1-	-8]						
LOADING (psf)	SPACING-	2-0-0	CSI.		DEFL.	in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL ÄO.Ó	Plate Grip DOL	1.00	тс	0.06	Vert(LL)	n/a	· -	n/a	999	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)	0.00	8	n/a	n/a		
BCDL 5.0	Code IRC2018/	TPI2014	Matrix	-P	. ,					Weight: 33 lb	FT = 20%F, 11%E
LUMBER-			I		BRACING-		0		-1 - 1 41- ¹		0.0
TOP CHORD 2x4					TOP CHO		Structi		u sneathing	g directly applied or 7-	2-0 oc purlins, except

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

 TOP CHORD
 Structural wood sheathing directly applied or 7-2-(end verticals.

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

REACTIONS. All bearings 7-2-0.

(lb) - Max Uplift All uplift 100 lb or less at joint(s) 8

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

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

NOTES- (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) 8.

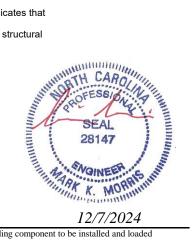
6) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced

standard ANSI/TPI 1.
 7) 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.

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.

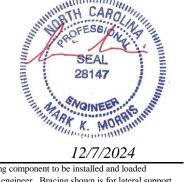
LOAD CASE(S) Standard

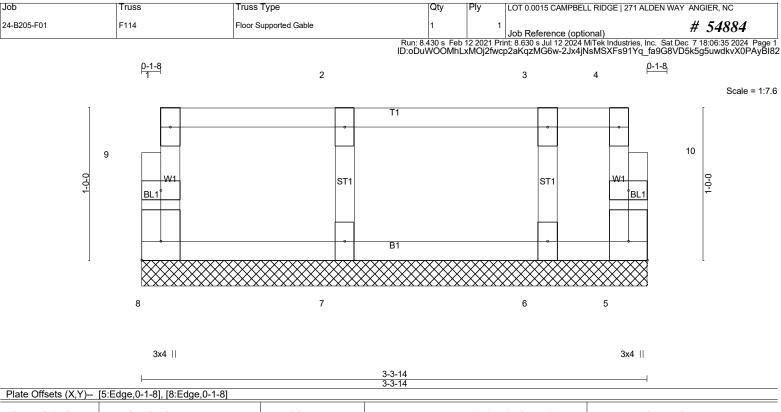


Job	Truss	Truss Type	Qty	Ply Lo	OT 0.0015 CAMPBELL R	RIDGE 271 ALDEN W	AY ANGIER. NC
24-B205-F01	F112	Floor	5	1			# 54884
					b Reference (optiona 8.630 s Jul 12 2024 MiTe		π 34004 Dec 7 18:06:33 2024 Page 1
<u> </u>			ID:oDuWOOMhL	xMOj2fwcp2	aKqzMG6w-5wqJIhr5 ⊢ 1-5-8	wv?8wjORsEYhBjI —⊣	סיישאיאפלטעלטעלטעלטעלטעלטעלטעלטעלטעלטעלטעלטעלטעל
	2		1 8 B1 13	6	12 3x6 =	3x8 = 7	
I-6-0 I-6-0 Plate Offsets (X,Y) [8:0] LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	4-0-0 2-6-0 -1-8,Edge], [17:Edge,0-1-8 SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL Lumber DOL 1.00 Rep Stress Incr YES Code IRC2018/TPI2014	CSI. TC 0.30 BC 0.24 WB 0.45	DEFL. in Vert(LL) -0.05 Vert(CT) -0.07 Horz(CT) 0.01	`14́>9 14 >9	99 480	<u>+ 14-7-0</u> 1-4-8 PLATES MT20 Weight: 81 lb	H = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No WEBS 2x4 SP No	p.1(flat) p.1(flat)		BRACING- TOP CHORD BOT CHORD	end vertica		ectly applied or 6-	0-0 oc purlins, except
Max Uplif Max Grav	t9=-409(LC 3) 17=396(LC 3), 11=1093(LC	,	· ·	-8)			
TOP CHORD 1-17=-38 7-8=0/52 BOT CHORD 15-16=0 WEBS 7-11=-10 NOTES- (7-8)	91/0, 9-18=0/415, 8-18=0/4 19 /945, 14-15=0/1233, 13-14=	250 (lb) or less except when showr 14, 1-2=-505/0, 2-3=-1101/0, 3-4=- =0/1008, 12-13=0/281, 11-12=-119 37/0, 5-13=-434/0, 6-13=0/467, 6-1	-1174/0, 4-5=-1174/0 91/0, 10-11=-1199/0				
 All plates are 3x4 MT2 Provide mechanical cd This truss is designed standard ANSI/TPI 1. Recommend 2x6 stror be attached to walls at CAUTION, Do not eree Graphical web bracing the member must be be Bearing symbols are cb 	20 unless otherwise indicate onnection (by others) of trus in accordance with the 201 ngbacks, on edge, spaced a t their outer ends or restrain ct truss backwards. grepresentation does not de oraced.	d. s to bearing plate capable of withs 8 International Residential Code s t 10-0-0 oc and fastened to each	ections R502.11.1 ar truss with 3-10d (0.1 on of the brace on the	nd R802.10 31" X 3") n e web. Sym	0.2 and referenced ails. Strongbacks to bol only indicates the	o nat	1111111.
LOAD CASE(S) Standar	d				un.	al OFFOFESS	ROLINA



	1 -	-				
Job	Truss	Truss Type	Qty		CAMPBELL RIDGE 271 ALDE	
24-B205-F01	F113	Floor	1 Duru 0.400 v. Evt.		nce (optional)	# 54884
						Sat Dec 7 18:06:34 2024 Page 1 3wkxy_bKivMLKTVFoTtkyBl83
0-1-8						100 010
H ⊢ <u>1-3-0</u>					1-4-14	<u>1-0-6</u> 0 ₁ -8 Scale = 1:26.1
1.5x3 =		1.5x3			3x8 —	1.5x3 =
1	2	3 4	5 	6	7	8
	15	14 3x8 =	B1 13	1:	2 2 44 =	19 P
<u>1-6-0</u> 1-6-0 	4-0-0 2-6-0 :0-1-8,Edge], [17:Edge,0-1-8	<u>9-1-8</u> 5-1-8		11-7-8 2-6-0	<u> 13-1-14 14-6-</u> 1-6-6 1-4-8	
LOADING (psf)	SPACING- 1-4-0		DEFL. in			GRIP
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.00 Lumber DOL 1.00		Vert(LL) -0.05 Vert(CT) -0.07	14 >999 48 14 >999 36		244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr YES Code IRC2018/TPI2014		Horz(CT) 0.01	11 n/a n	/a Weight: 8	0 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP M BOT CHORD 2x4 SP M WEBS 2x4 SP M	lo.1(flat)		BRACING- TOP CHORD BOT CHORD	end verticals.	eathing directly applied o y applied or 6-0-0 oc brad	r 6-0-0 oc purlins, except cing.
Max Upl	17=390/0-7-14 (min. 0-1-8 ift9=-405(LC 3) v 17=390(LC 3), 11=1087(LC), 9=-344/0-7-14 (min. 0-1-8), 1 C 1)	1=1087/0-4-8 (min. 0-	1-8)		
TOP CHORD 17-18= 6-7=0/	-387/0, 1-18=-386/0, 9-19=0 387, 7-8=0/545	250 (lb) or less except when sho 411, 8-19=0/410, 1-2=-504/0, 2 =0/995, 12-13=0/262, 11-12=-11	-3=-1094/0, 3-4=-1163	/0, 4-5=-1163/0, 5-6	=-642/0,	
		31/0, 5-13=-437/0, 6-13=0/470, i		18, 7-10=0/762, 8-1	0=-660/0	
 All plates are 3x4 MT Provide mechanical at This truss is designe standard ANSI/TPI 1 Recommend 2x6 stro be attached to walls CAUTION, Do not en Graphical web bracin the member must be 	d in accordance with the 201 ingbacks, on edge, spaced a at their outer ends or restrain ect truss backwards. g representation does not de braced.	d. s to bearing plate capable of wit 8 International Residential Code t 10-0-0 oc and fastened to eac	e sections R502.11.1 a ch truss with 3-10d (0.1 tion of the brace on the	nd R802.10.2 and r 131" X 3") nails. Stro e web. Symbol only	eferenced ongbacks to indicates that	
	support the loads indicated.				ANNIHILING TA	CAROL Nalling
LOAD CASE(S) Standa	rd				NUMBER OFE	SSID





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 IRC2018/TPI2014	CSI. TC 0.06 BC 0.02 WB 0.03 Matrix-R	DEFL. in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	a - n/a 999	PLATES MT20 Weight: 16 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 end verticals. Rigid ceiling directly applie	, ,,	

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

REACTIONS. All bearings 3-3-14.

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

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

(7-8) NOTES-

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

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).

Gable studs spaced at 1-4-0 oc.

5) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

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) 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

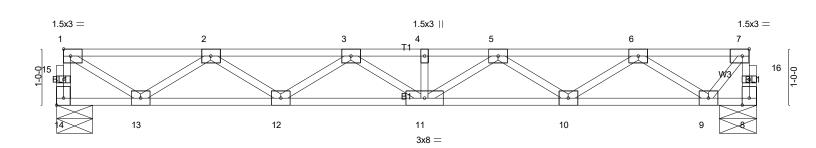


Job	russ	Truss Type	Qty	Ply	LOT 0.0015 CAMPBELL RIDGE 271 ALDEN WAY	ANGIER, NC
24-B205-F01 F1	115 F	Floor	9	1	Job Reference (optional)	# 54884

Run: 8.430 s Feb 12 2021 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Dec 7 18:06:35 2024 Page 1 ID:oDuWOOMhLxMOj2fwcp2aKqzMG6w-2Jx4jNsMSXFs91Yq_fa9G8VB9k1D5qRdkvX0PAyBl82

0-1-8 ⊢ <u>1-3-0</u>

0-7-4 0-1-8 Scale = 1:20.5



1-6-0 1-6-0 Plate Offsets (X,Y)	4-0-0 2-6-0 [7:0-1-8,Edge], [14:Edge,0-1-8]	l	9-1-8 5-1-8		11-7-8 2-6-0	12-5-12 0-10-4
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 IRC2018/TPI2014	CSI. TC 0.18 BC 0.30 WB 0.32 Matrix-SH	DEFL. i Vert(LL) -0.0 Vert(CT) -0.0 Horz(CT) 0.0	9 11 >999 360	PLATES MT20 Weight: 63 Ib	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 end verticals. Rigid ceiling directly applie		

REACTIONS. (lb/size) 14=444/0-7-14 (min. 0-1-8), 8=444/0-7-14 (min. 0-1-8)

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

TOP CHORD 14-15=-441/0, 1-15=-440/0, 8-16=-445/0, 7-16=-444/0, 1-2=-588/0, 2-3=-1331/0, 3-4=-1556/0, 4-5=-1556/0,

- 5-6=-1189/0, 6-7=-334/0
- BOT CHORD 12-13=0/1100, 11-12=0/1539, 10-11=0/1473, 9-10=0/881
- WEBS 1-13=0/669, 2-13=-624/0, 2-12=0/283, 3-12=-253/0, 5-10=-347/0, 6-10=0/375, 6-9=-668/0, 7-9=0/499

NOTES- (4-5)

- 1) All plates are 3x4 MT20 unless otherwise indicated.
- 2) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 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 0.0015 CAMPBELL RIDGE 2	71 ALDEN WAY AN	IGIER, NC
24-B205-F01	F116		Floor Supported Gable		1	1	Job Reference (optional)		4 54884
				Run: 8. ID:oDuWC	430 s Feb OMhLxM	12 2021 Pri IOj2fwcp2a	nt: 8.630 s Jul 12 2024 MiTek Industr aKqzMG6w-WVVSwjt_DqNjnB7(ies, Inc. Sat Dec 7 0YN5OpM1On8R	18:06:36 2024 Page 1 xqLAmyZHaxdyBI81
0 ₁ 18									0 ₁ 1 ₇ 8
									Scale = 1:20.1
				3x4 =					
1	2	3	4	5 6		7	8	9	10 11
	•	0	0			<u> </u>	0		
¢2 - ∎∎∎ -	ST1	ST1	ST1	ST1 W2 ST1		ST1	ST1	ST1	ST1 BL 28
				B1 e	~~~~				
<u> </u>	20	<u>×××××××</u> 19	18	17 16	XXXX	<u>××××</u> 15	<u>××××××××××××××</u> 14	<u>××××××××</u> 13	12
3x4				3x4 =					6x6

Plate Offsets (X,Y)	[6:0-1-8,Edge], [12:Edge,0-1-8], [17:C)-1-8,Edge], [21:Edge,0-1	12-5-12 12-5-12 1-8], [23:0-1-8,0-0-8]		I
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 IRC2018/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: 53 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 of end verticals. Rigid ceiling directly applied	directly applied or 6-0-0 oc purlins, except

OTHERS 2x4 SP No.3(flat)

REACTIONS. All bearings 12-5-12. (lb) - Max Grav All reactions 250 lb or less at joint(s) 21, 12, 20, 19, 18, 17, 16, 15, 14, 13

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

NOTES-(7-8)

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

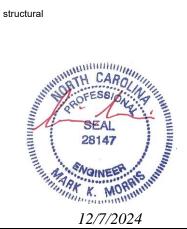
2) Gable requires continuous bottom chord bearing.

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

Gable studs spaced at 1-4-0 oc.

- 5) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.
- 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) 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	Trus	SS	Truss T	уре		Qty	Ply	LOT 0.0015 CAMPE	BELL RIDGE 271 ALD	en way angie	ER, NC
24-B205-F01	F117	7	Floor Su	pported Gable		2	1	Job Reference (o	ptional)		54884
					F ID:	Run: 8.430 s Fe oDuWOOMhL	b 12 2021 Pri xMOj2fwcp	int: 8.630 s Jul 12 202 2aKqzMG6wh3c	4 MiTek Industries, Inc 73uc_8VaOLiC54co	. Sat Dec 718: dLZaZaYnHZn	06:37 2024 Page QwBD07T3yBl8
0 ₁ 1 ₇ 8											
											Scale = 1:23.3
					3x4 =						3x4
1	2	3	4	5	6	7	8	9	10	11	12
] 🚽	•	•	•	•		•	•	•	•	•	- Fi I
925 0- 1	ST1	ST1	ST1	ST1 V	12 ST1	ST1	ST1	ST1	ST1	ST1	
					- - B1		6				
	XXXXXXXXX		XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	XXXXXXXXX			\times			XXXXXXX	
24	23	22	21	20	19	18	17	16	15	14	13
3x4				3x4 =							3x4

			14-3-14		
I			14-3-14		
Plate Offsets (X Y)	[6:0-1-8,Edge], [13:Edge,0-1-8], [20:0	-1-8 Edge] [24·Edge 0-1	-81		
	[0.0 1 0,Eugo], [10.Eugo,0 1 0], [20.0		0]		
LOADING (psf)	SPACING- 2-0-0	CSI.	DEFL. ir		PLATES GRIP
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.00 Lumber DOL 1.00	TC 0.06 BC 0.01	Vert(LL) n/a Vert(CT) n/a	a - n/a 999	MT20 244/190
BCLL 0.0 BCDL 5.0	Rep Stress Incr YES Code IRC2018/TPI2014	WB 0.03 Matrix-SH	Horz(CT) 0.00) 13 n/a n/a	Weight: 60 lb FT = 20%F, 11%E
LUMBER-	1		BRACING-		
TOP CHORD 2x4 SF BOT CHORD 2x4 SF			TOP CHORD	Structural wood sheath end verticals.	ning directly applied or 6-0-0 oc purlins, except
WEBS 2x4 SF	P No.3(flat)		BOT CHORD	Rigid ceiling directly a	oplied or 10-0-0 oc bracing.

11 2 11

OTHERS 2x4 SP No.3(flat)

REACTIONS. All bearings 14-3-14.

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

FORCES. (lb) - Max. Comp./Max. Ten. - All forces 250 (lb) 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) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

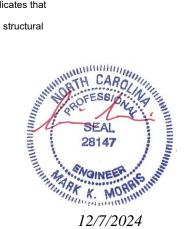
6) Recommend 2x6 strongbacks, on edge, spaced at 10-0-0 oc and fastened to each truss with 3-10d (0.131" X 3") nails. Strongbacks to be attached to walls at their outer ends or restrained by other means.

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



Job	Truss	Truss Type	Qty	Ply	LOT 0.0015 CAMPBELL RIDGE 27	1 ALDEN WAY AND	GIER, NC	
24-B205-F01	F118	Floor	8	1	Job Reference (optional)	#	54884	
			Run: 8.430 s ID:oDuWOC	Feb 12 2021 P MhLxMOj2fw	Job Reference (optional) int: 8.630 s Jul 12 2024 MiTek Industrie cp2aKqzMG6w-SudCLPvElSdR0V	es, Inc. Sat Dec 7 1 /HPfn7sun7iHx1N	8:06:38 2024 Pa /II9H3Qtmg0Vy	age 1 /BI8′
0-1-8								
H	-					<u>⊢ 1</u> .	-2-6 Scale = 1:	:23.3
1.5x3 =			1.5x3					
1	2	3	4 5		6	7	8	ſ
				\sim				C
			B1					1-0-0
	•			[*_]				l
15	4	13	12 3x8 =	11	10		3x6 =	
			3x8 —				3x0 —	

1-6-0	4-0-0	9-1		11-7-8	14-0-14 14-3-14
1-6-0	2-6-0	5-1	-8	2-6-0	2-5-6 0-3-0
Plate Offsets (X,Y)	[15:Edge,0-1-8]			1	
LOADING (psf)	SPACING- 1-4-0	CSI.		(loc) l/defl L/d	PLATES GRIP
TCLL 40.0	Plate Grip DOL 1.00	TC 0.19	Vert(LL) -0.11	12 >999 480	MT20 244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.40	Vert(CT) -0.15 1	1-12 >999 360	
BCLL 0.0	Rep Stress Incr YES	WB 0.38	Horz(CT) 0.03	9 n/a n/a	
BCDL 5.0	Code IRC2018/TPI2014	Matrix-SH			Weight: 72 lb FT = 20%F, 11%E
LUMBER-			BRACING-		
TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP No.1(flat)				Structural wood sheathing d nd verticals.	irectly applied or 6-0-0 oc purlins, except

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WEBS 2x4 SP No.3(flat)

. . .

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

REACTIONS. (Ib/size) 15=512/0-7-14 (min. 0-1-8), 9=516/0-4-8 (min. 0-1-8)

. . .

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

TOP CHORD 15-16=-508/0, 1-16=-507/0, 1-2=-694/0, 2-3=-1629/0, 3-4=-2051/0, 4-5=-2051/0, 5-6=-1881/0, 6-7=-1213/0

BOT CHORD 13-14=0/1301, 12-13=0/1932, 11-12=0/2066, 10-11=0/1673, 9-10=0/727

WEBS 1-14=0/790, 2-14=-741/0, 2-13=0/400, 3-13=-370/0, 6-11=0/254, 6-10=-561/0, 7-10=0/593, 7-9=-872/0

NOTES-(5-6)

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

2) This truss is designed in accordance with the 2018 International Residential Code sections R502.11.1 and R802.10.2 and referenced standard ANSI/TPI 1.

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



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