# 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 #: 57909 JOB: 25-2453-F01 JOB NAME: LOT 0.0023 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 2015 as well as IRC 2018. 23 Truss Design(s)

Trusses:

F101, F102, F103, F104, F105, F106, F107, F110, F111, F112, F113, F114, F115, F116, F117, F117A, F118, F119, F120, F121, F122, F123, F124



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

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

ob	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBELL R	IDGE   95 PINON DR	IVE ANGIER, NC	
5-2453-F01	F101	Floor Supported Gable	1		1 Job Reference (optiona	1)	# 57909	)
			Run: 8.630 s Jul ID:HnBel3	12 2024 Pr vtaQvabl	int: 8.630 s Jul 12 2024 MiTel Qe8fkFi9zx7Fz-t9YJ7V59	Industries, Inc. Tue	Mar 25 00:34:21 202: Fg6ci6S88OIA62Z	5 Pag ZazXZ
0-1-8				,,				
							Scale	= 1:3
							Obaic	- 1.0
		3x8 FP= 3x4	+ =				3x4	
1 2	3 4 5	5 67 8 9	10 11	12	2 13 14	15	16 17	
		<u>8                                    </u>	W2 ST1 ST1	S	9 9 1 ST1 ST1	ST1	e î sπ1 W1	
						B2		
		*****		<u></u>		XXXXXXXXX		
34 33 3x4	32 31	30 29 28 27	26 25 3x4 =	24	4 23 22 21 3x8 FP=	20	19 18 3x4	Ш
5,4			584 —		5x0 FF —		574	
			20-3-12 20-3-12					
	9:0-1-8,Edge], [26:0-1-8,Edge]	agej, [34:Edge,0-1-8]						
DADING (psf) CLL 40.0		0-0 <b>CSI.</b> .00 TC 0.08	DEFL. ir Vert(LL) n/a		l/defl L/d n/a 999	PLATES MT20	<b>GRIP</b> 244/190	
CDL 10.0	Lumber DOL 1	.00 BC 0.01	Vert(CT) n/a	ı -	n/a 999	MT20	211/100	
CLL 0.0 CDL 5.0	Rep Stress Incr N Code IRC2021/TPI2	YES WB 0.04 014 Matrix-SH	Horz(CT) 0.00	) 18	n/a n/a	Weight: 87 lb	FT = 20%F,	11%
JMBER-		1	BRACING-		1			
OP CHORD 2x4 SP			TOP CHORD	Structu end ve	ral wood sheathing dire	ctly applied or 6-	0-0 oc purlins, e	xce
OT CHORD 2x4 SP					rticale			

WEBS2x4 SP No.3(flat)OTHERS2x4 SP No.3(flat)

#### **REACTIONS.** All bearings 20-3-12.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 34, 18, 33, 32, 31, 30, 29, 28, 27, 26, 25, 24, 22, 21, 20, 19

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.

 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



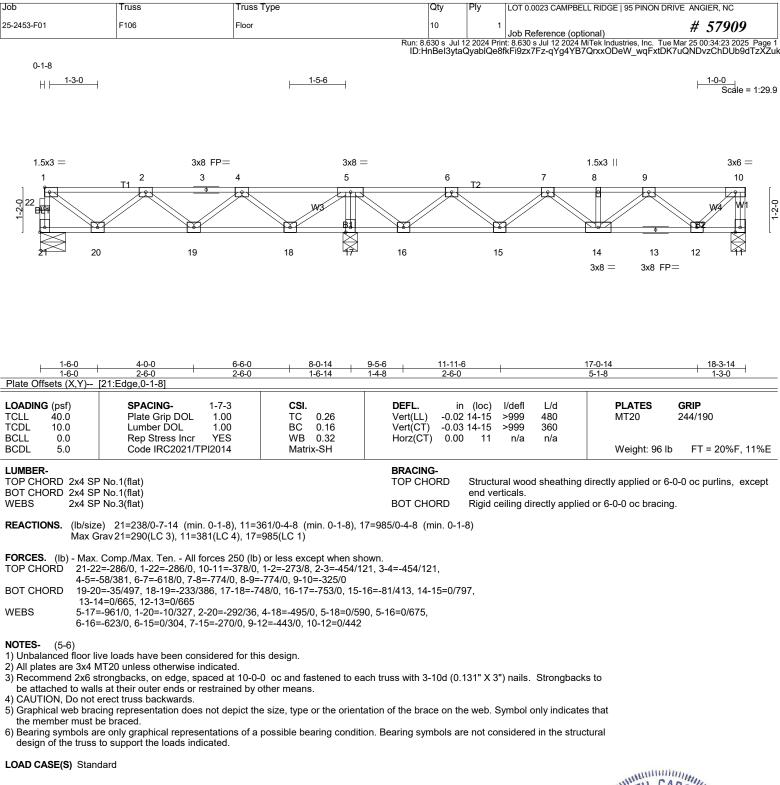
Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPRE	L RIDGE   95 PINON DF	RIVE ANGIER NC
25-2453-F01	F102	Floor	9	1			# 57909
			Run: 8.630 s Jul 1	  2 2024 Pri	Job Reference (opt nt: 8.630 s Jul 12 2024 M	ITek Industries, Inc. Tue	Mar 25 00:34:22 2025 Page 1
0-1-8			ID:HnBel	3ytaQyab	lQe8fkFi9zx7Fz-MM6	3iKr6o4dpXcUxnM7kił	oze01QAXcX_qrb51zXZul</td
H <u>1-3-0</u>		0-9-14					1-0-0
							<u>1-0-0</u> Scale = 1:33.3
1.5x3 =	3x8 FP=		8x8 =			1.5x3	3x6 =
1	<u>T1 2 3 4</u>	5 6 7	7 <u> </u>	12 <sup>8</sup>	9	10 11	12
°, 25 °, 25 ₽		w3					1-2-0
		B1 B1				B2	
	00		19 18		47 40	45	14 13
24 23	22	21 20 1 3x8 =	19 18		17 16 3x8 FP=	15 3x8 =	14 513
		5x0 —			3x0 11 =	3.0 -	
<u>  1-6-0</u>   1-6-0	4-0-0	9-1-8 5-1-8 10-0-14 0-11-6		<u>13-11-6</u> 2-6-0		<u>19-0-14</u> 5-1-8	20-3-14
Plate Offsets (X,Y)						1	
LOADING (psf)	SPACING- 1-4-			(loc)	l/defl L/d	PLATES	GRIP
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.0 Lumber DOL 1.0				>999 480 >999 360	MT20	244/190
BCLL 0.0	Rep Stress Incr YE	S WB 0.28	Horz(CT) 0.00		n/a n/a	Maight: 107	IN FT - 200/ F 110/ F
BCDL 5.0	Code IRC2021/TPI201	4 Matrix-SH				Weight: 107	lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF	No.1(flat)		BRACING- TOP CHORD	Structu	ral wood sheathing	directly applied or 6	-0-0 oc purlins, except
BOT CHORD 2x4 SF	No.1(flat)			end ver	ticals.		
	' No.3(flat)		BOT CHORD	Ū	ening directly applie	d or 6-0-0 oc bracin	g.
	e) 24=274/0-7-14(min. 0-1- rav24=306(LC 3), 13=317(LC	8), 13=286/0-4-8 (min. 0-1-8), 19=90 2 4), 19=907(LC 1)	)7/0-4-8 (min. 0-1-	·8)			
TOP CHORD 24-25	5=-303/0, 1-25=-303/0, 12-13=	250 (lb) or less except when shown. 314/0, 1-2=-314/0, 2-3=-610/0, 3-4=					
	464/121, 5-6=-464/121, 6-7=0 ⊨=-641/0, 11-12=-269/0	)/453, 7-8=0/329, 8-9=-507/88, 9-10=	641/0,				
BOT CHORD 22-23		1=-254/216, 19-20=-782/0, 18-19=-77	73/0,				
WEBS 7-19=	885/0, 1-23=0/378, 2-23=-34	46/0, 6-21=0/377, 6-20=-553/0, 7-20=	-0/486, 7-18=0/588	3,			
8-18	=-548/0, 8-17=0/275, 11-14=-	368/0, 12-14=0/367					
NOTES- (5-6)		a fan thia alaainn					
2) All plates are 3x4 M	ve loads have been considere 1T20 unless otherwise indicat	ed.					
	trongbacks, on edge, spaced s at their outer ends or restrai	at 10-0-0 oc and fastened to each tru	uss with 3-10d (0.1	131" X 3"	) nails. Strongback	is to	
4) CAUTION, Do not	erect truss backwards.		of the hundre on th		, webel en by institution	- 444	
the member must b	e braced.	lepict the size, type or the orientation			, ,		
	e only graphical representation to support the loads indicated	ons of a possible bearing condition. B	earing symbols an	e not cor	nsidered in the struc	tural	
U U							100.
LOAD CASE(S) Stand	Jaro					WHINTH CA	ROUT
						WIN OFESS	BAN NA 11
						in all	and the second s
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						2814	
						2814	ER. M
						ARK Y	AORALININ
						The B.	annumer.

Job	Truss	Truss Type	Qty Ply	LOT 0.0023 CAMPBELL R	DGE   95 PINON DRIVE ANGIER, NC
25-2453-F01	F103	Floor		1 Job Reference (optional	# 57909 (Industries, Inc. Tue Mar 25 00:34:22 2025 Page
0-1-8			ID:HnBel3yta	QyablQe8fkFi9zx7Fz-MM6iKr6	o4dpXcUxnM7kiK?o_N0s8AYBX_qrb51zX2
H <del>  1-3-0</del>					0-9-14 Scale = 1:33.3
1.5x3 =	3x8 FP=	1.5x3		1.5x3	3x6 =
	T1 2 3 4		267 T2		
9.25 N-25 BEA		B1 B1			
24 23	22	21 20	19 18	17 16	15 14 13
		3x8 =		3x8 = 3x8 F	P=
1-6-0 1-6-0 Plate Offsets (X,Y)	4-0-0 2-6-0 [24:Edge.0-1-8]	9-1-8 9- 5-1-8 (	10-10 11-7-8 )-9-2 1-8-14	<u>16-9-0</u> 5-1-8	<u>19-3-0</u> <u>20-3-14</u> <u>2-6-0</u> <u>1-0-14</u>
LOADING (psf)	SPACING- 1-4	4-0 <b>CSI</b> .	DEFL. in (lo		PLATES GRIP
TCLL 40.0 TCDL 10.0 BCLL 0.0	Lumber DOL 1.	00 TC 0.18 00 BC 0.85 ES WB 0.24	Vert(LL) -0.11 20- Vert(CT) -0.15 20- Horz(CT) 0.02		MT20 244/190
BCDL 5.0	Code IRC2021/TPI20		1012(01) 0.02	15 II/a II/a	Weight: 105 lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP					ctly applied or 6-0-0 oc purlins, except
	' SS(flat) *Except* 4 SP No.1(flat) ' No.3(flat)			d verticals. gid ceiling directly applied or	10-0-0 oc bracing.
		-8), 13=396/0-4-8 (min. 0-1-8), 1	9=686/0-4-8 (min. 0-1-8)		
		s 250 (lb) or less except when sh			
4-5=-		3=-397/0, 1-2=-422/0, 2-3=-895/0 66/0, 7-26=-366/0, 7-8=-552/0, 8-{ 12=-310/0			
BOT CHORD 22-23		21=0/757, 19-20=0/565, 18-19=0/	565, 17-18=0/877,		
	=0/509, 2-23=-461/0, 6-21=0  =-502/0, 12-14=0/461	/295, 6-20=-508/0, 7-20=-338/17	, 8-18=-424/0,		
NOTES- (5-6)	ve loads have been conside	red for this design			
2) All plates are 3x4 M 3) Recommend 2x6 st	IT20 unless otherwise indication in the indication of the indicati	ated. d at 10-0-0 oc and fastened to ea	ach truss with 3-10d (0.131"	' X 3") nails. Strongbacks to	1
4) CAUTION, Do not e	s at their outer ends or restra erect truss backwards.	,	· · · · ·		
the member must b	e braced.	depict the size, type or the orient ions of a possible bearing conditi			
design of the truss	to support the loads indicate	ed.	on. Dearing symbols are ne		
LOAD CASE(S) Stand	dard				WINNING TH CARO
				111	ROFESSION
				in the second	SEAL
				100 Martin	2014/
					SEAL 28147
					The A. MOUNT
					3/24/2025

Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBEL	L RIDGE   95 PINON DF	RIVE ANGIER, NC
25-2453-F01	F104	GABLE	1	1	Job Reference (opti	onal)	# 57909
			Run: 8.630 s Jul 1 ID:HnBel	l 2 2024 Pri 3vtaQvat	nt: 8.630 s Jul 12 2024 N	liTek Industries, Inc. Tue	e Mar 25 00:34:22 2025 Page 1 {?oz?01PAXpX_qrb51zXZu
0-1-8				- , , ,			
H <b>⊢ 1-3-0</b> (	<u>0-10-14</u>	1-0-8	-				<u>  1-0-0</u>   Scale = 1:33.3
1.5x3 = 1.5x3	3x8 = 3x8 FP=		3x8 = 6	7	8	1.5x3    9 10	3x6 = 11
। बिर्ने वि							
	W3	WA					W5 W1
		B1 (************************************				B2	
	22 21	20 19	18 17		16 15	14	13 12
2x4					3x8 FP=	3x8 =	
1-4-0 1 <sub>1</sub> 6 <sub>r</sub>	0 2-6-6 1 3-10-14 6-4	-14 , 8-10-14 , 10-0-14	4 11-5-6	13-11-6		19-0-14	20-3-14
1-4-0 0-2-0		6-0 2-6-0 1-2-0	1-4-8	2-6-0		5-1-8	1-3-0
L <b>OADING</b> (psf) TCLL 40.0	Plate Grip DOL 1	4-0 <b>CSI.</b> .00 TC 0.20		(loc) 14-16	l/defl L/d >999 480	PLATES MT20	<b>GRIP</b> 244/190
TCDL 10.0 BCLL 0.0		.00 BC 0.13 ES WB 0.27	Vert(CT) -0.02 Horz(CT) 0.00		>999 360 n/a n/a		
BCDL 5.0	Code IRC2021/TPI2					Weight: 109	lb FT = 20%F, 11%E
			BRACING-	0		line attended to a construction of the constru	0.0 seconding second
FOP CHORD 2x4 SI BOT CHORD 2x4 SI	P No.1(flat)		TOP CHORD	end ver		directly applied or 6	-0-0 oc purlins, except
	P No.3(flat) P No.3(flat)		BOT CHORD		eiling directly applie oc bracing: 14-16,13		g, Except:
	earings 2-7-14 except (jt=lei	ath) 12=0-4-8 18=0-4-8			5	, -	
(lb) - Max U	Jplift All uplift 100 lb or less	at joint(s) 24, 23	0.5) 00-444/1.0.0	\ 40-70			
		less at joint(s) 24, 23 except 12=317(l		), 18=78	3(LC 4)		
		es 250 (lb) or less except when shown 12/0, 8-9=-644/0, 9-10=-644/0, 10-11:					
	1=-45/250, 18-19=-600/0, 1 4=0/554	7-18=-596/0, 16-17=-27/341, 15-16=0/	/663, 14-15=0/663,				
VEBS 2-22	=-431/0, 6-18=-764/0, 2-21=	-47/289, 4-21=-258/67, 5-19=-385/0,	6-19=0/380,				
	=0/560, 7-17=-519/0, 10-13	-369/0, 11-13=0/368					
<b>NOTES-</b> (7-8) 1) Unbalanced floor I	ive loads have been conside	ered for this design.					
2) All plates are 3x4   3) Gable studs space	VT20 unless otherwise indic	ated.					
<ol> <li>Provide mechanica</li> </ol>	al connection (by others) of	russ to bearing plate capable of withs					
	strongbacks, on edge, space Is at their outer ends or rest	d at 10-0-0 oc and fastened to each t ained by other means.	truss with 3-10d (0.1	131" X 3'	) nails. Strongback	s to	
6) CAUTION, Do not	erect truss backwards.	t depict the size, type or the orientation	n of the brace on th	e web S	vmbol only indicate	s that	
the member must	be braced.						
	to support the loads indicat	tions of a possible bearing condition. ed.	Bearing symbols an	e not cor	isidered in the struc	tural	illillette.
LOAD CASE(S) Star	dard					UNITED TH CA	ROLIA
- (-) - (4)						IIII QROFESS	PNR
						SEA	
						2814	
						III A	



Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBELL RIDGE   95	PINON DRIVE ANGIER, NC
25-2453-F01	F105	Floor	2	1	Job Reference (optional)	# 57909
			Run: 8.630 s Ju ID:HnBel3	I 12 2024 Print /taQyablQe8	: 8.630 s Jul 12 2024 MiTek Industrie fkFi9zx7Fz-qYg4YB7QrxxODeW	s, Inc. Tue Mar 25 00:34:23 2025 Page 1 /_wqFxtDK85QCuvzyhDUb9dTzXZuk
0-1-8						1-3-14
<del> </del>						Scale = 1:29.9
1.5x3 = 1	3x8 F 2 3	P= 1.5x3    4 5 6	7		1.5x3    8 9 1	3x6 = 10 11
। दिन्				T2		
						W3 W1 12
		19 B1				13 12
22 21	20	19 48 3x8 =	17	16	15 14 3x8 FP	
		5xo —			3x8 =	_
1-6-0	4-0-0	7-10-10	9-1-8 11-7-8	1	16-9-0	18-3-14
Plate Offsets (X,Y)	2-6-0		-2-14 2-6-0		5-1-8	1-6-14
OADING (psf)	SPACING- 1	-7-3 <b>CSI</b> .	DEFL.	in (loc) l	/defl L/d PLA	TES GRIP
FCLL 40.0 FCDL 10.0		.00         TC         0.24           .00         BC         0.88			999 480 MT2 765 360 MT2	20 244/190
3CLL 0.0 3CDL 5.0	Rep Stress Incr Code IRC2021/TPI2	YES WB 0.34 014 Matrix-SH	Horz(CT) 0.0	)2 12	n/a n/a Wei	ght: 95 lb FT = 20%F, 11%E
LUMBER-			BRACING-			
TOP CHORD 2x4 SP BOT CHORD 2x4 SP	SS(flat) *Except*		TOP CHORD	end verti	cals.	lied or 6-0-0 oc purlins, except
	4 SP No.1(flat) ' No.3(flat)		BOT CHORD	Rigid cei	ling directly applied or 10-0-0	oc bracing.
REACTIONS. (Ib/size	e) 22=422/0-7-14 (min. 0-	1-8), 12=506/0-4-8 (min. 0-1-8), <sup>-</sup>	18=657/0-4-8 (min. 0-	1-8)		
		es 250 (lb) or less except when sh				
4-5=-	780/0, 5-6=-780/0, 6-7=-77	2=-503/0, 1-2=-439/0, 2-3=-962/0 1/0, 7-8=-1378/0, 8-9=-1252/0, 9-				
BOT CHORD 20-21		9=0/878, 17-18=0/878, 16-17=0/1	201, 15-16=0/1423,			
VEBS 1-21=		-282/132, 7-17=-566/0, 10-15=0/2	66, 10-13=-609/0,			
	3=0/709					
	ve loads have been conside					
3) Recommend 2x6 st		ed at 10-0-0 oc and fastened to ea	ach truss with 3-10d (0	).131" X 3")	nails. Strongbacks to	
4) CAUTION, Do not e	s at their outer ends or rest erect truss backwards.	-				
the member must b	e braced.	t depict the size, type or the orien				
	e only graphical representation to support the loads indication to the loads i	itions of a possible bearing condit ed.	ion. Bearing symbols a	are not cons	idered in the structural	
LOAD CASE(S) Stand	dard					Munimum annu
					Internet	TH CAROLINI
					Innin	ROPERT
						SEAL
					111111	20147
					The Area	NOINEER
					A Martin	SEAL 28147
						3/24/2025
Warning !Verify de	sign narameters and read not	es before use. This design is based only	upon parameters shown	and is for an	individual building component to b	





Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBEL	L RIDGE   95 PINON DR	RIVE ANGIER, NC
25-2453-F01	F107	GABLE	1				# 57909
			Run: 8.630 s Jul 1	 12 2024 Pr	Job Reference (option int: 8.630 s Jul 12 2024 M	iTek Industries, Inc. Tue	Mar 25 00:34:23 2025 Page 1
0-1-8			ID:HnBel3yta	QyablQe	8tkFi9zx7Fz-qYg4YB7	QrxxODeW_wqFxtDK	87QNDvzDhDUb9dTzXZu
	-10-14	, 1	-0-8				1-0-0
H							Scale = 1:33.3
1.5x3 =	3x8 = 3x8 FP=		3x8 =			1.5x3	3x6 =
1.5x3 = 1.5x3		5	6	7	8	9 10	5x0 — 11
				12 12			
	W3		WA U				W5 W1 000
		B1 67				B2	
	XXXX 21	20 19	18 17		16 15	14	13 12
2x4					3x8 FP=	3x8 =	
<u> </u>			0-0-14 11-5-6 1-2-0 1-4-8	<u>13-11-6</u> 2-6-0		<u>19-0-14</u> 5-1-8	20-3-14
	[12:Edge,0-1-8], [24:Edge,0-		1-2-0 1-4-6	2-0-0		5-1-6	1-3-0
LOADING (psf)	SPACING- 1-7	7-3 <b>CSI</b> .	DEFL. in	(loc)	l/defl L/d	PLATES	GRIP
TCLL 40.0 TCDL 10.0		00 TC 0.24 00 BC 0.16		14-16 14-16	>999 480 >999 360	MT20	244/190
BCLL 0.0	Rep Stress Incr Y	ES WB 0.32	Horz(CT) 0.00		n/a n/a		
BCDL 5.0	Code IRC2021/TPI20	14 Matrix-SH				Weight: 109	lb FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP	No 1(flat)		BRACING- TOP CHORD	Structu	ral wood sheathing a	lirectly applied or 6	0-0 oc purlins, except
BOT CHORD 2x4 SP	' No.1(flat)			end ve	rticals.	• • •	
	' No.3(flat) ' No.3(flat)		BOT CHORD		eiling directly applied oc bracing: 14-16,13		g, Except:
				10 0 0	oo braoing. 11 10,10	11,12 10.	
	earings 2-7-14 except (jt=len plift_All uplift 100 lb or less a						
Max G	rav All reactions 250 lb or l	ess at joint(s) 24, 23 except 12=3	381(LC 5), 22=533(LC 3	), 18=93	9(LC 4)		
		s 250 (lb) or less except when sh					
	2=-378/0, 4-5=-283/151, 5-6 =-324/0	=0/433, 7-8=-614/0, 8-9=-772/0,	9-10=-772/0,				
	=-54/300, 19-20=-275/240, 5=0/794, 13-14=0/664	18-19=-719/0, 17-18=-714/0, 16-	17=-32/409, 15-16=0/79	94,			
WEBS 2-22=	-517/0, 6-18=-917/0, 2-21=-	-56/347, 4-21=-310/80, 5-19=-46					
6-17=	=0/672, 7-17=-622/0, 7-16=0	/295, 8-16=-261/0, 10-13=-443/0	, 11-13=0/441				
<b>NOTES-</b> (7-8)		ne d fen de la classique					
	ve loads have been conside IT20 unless otherwise indica						
3) Gable studs space		uss to bearing plate capable of v	withstanding 100 lb unliff	t at ioint/	c) 24 23		
5) Recommend 2x6 st	trongbacks, on edge, space	d at 10-0-0 oc and fastened to e				s to	
	s at their outer ends or restra erect truss backwards.	ained by other means.					
7) Graphical web brac	ing representation does not	depict the size, type or the orien	tation of the brace on th	e web. S	Symbol only indicates	s that	
the member must b 8) Bearing symbols ar		ions of a possible bearing condit	ion. Bearing symbols ar	e not co	nsidered in the struc	tural	uiller.
	to support the loads indicate		<u> </u>			WHENTH CA	ROLIN
LOAD CASE(S) Stand	dard					ROFESS	Provent
						SEA SEA	L 1 E



Job	Truss	Truss Type	Qty	Ply LOT 0.0	023 CAMPBELL RIDGE   95 PI	NON DRIVE ANGIER, NC
25-2453-F01	F110	Floor	7	1 Job Re	eference (optional)	# 57909
	·		Run: 8.630 s Jul ID:HnB	12 2024 Print: 8.630 el3ytaQyablQe8fk	s Jul 12 2024 MiTek Industries, I Fi9zx7Fz-IkESIX82cE4Frn5/	# 37909 nc. Tue Mar 25 00:34:24 2025 Page 1 AUYmAPQtJJpideRIqS8KiAvzXZu
0-1-8						
	3-0					0-10-10 Scale = 1:16.5
1.5x3 =				1.5x3	_	3x6 =
1		2	3	4	5	6
				•		
	< /					W3 W1 9
	$\searrow$					
			B1			
		10		•		
	11	10		9 3x8 =		8
1-6-0	0	4-0-0		9-1-8		10-3-2

1-6-0	2-6-0	I		5-1-8		1-1-10
Plate Offsets (X,Y)	[12:Edge,0-1-8]					
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES	<b>CSI.</b> TC 0.21 BC 0.21 WB 0.27	Vert(LL) -0.03	9-10 >999 360	PLATES MT20	<b>GRIP</b> 244/190
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			Weight: 55 lb	FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF		· /	BRACING- TOP CHORD BOT CHORD	Structural wood sheathing d end verticals. Rigid ceiling directly applied		

**REACTIONS.** (lb/size) 12=435/0-7-14 (min. 0-1-8), 7=440/0-4-8 (min. 0-1-8)

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

TOP CHORD 12-13=-431/0, 1-13=-431/0, 6-7=-438/0, 1-2=-466/0, 2-3=-983/0, 3-4=-970/0, 4-5=-970/0, 5-6=-353/0

BOT CHORD 10-11=0/866, 9-10=0/1076, 8-9=0/769

WEBS 1-11=0/562, 2-11=-520/0, 5-9=0/256, 5-8=-542/0, 6-8=0/507

NOTES- (4-5)

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

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



Job	Truss	Truss	уре	Qty	Ply L	OT 0.0023 CAMPBELL RIDGE   9	5 PINON DRIVE AND	GIER, NC
25-2453-F01	F111	Floor Su	pported Gable	1	1	ob Reference (optional)		57909
		·		Run: 8.630 s ID:H	Jul 12 2024 Print: nBel3ytaQyabl	8.630 s Jul 12 2024 MiTek Industri Qe8fkFi9zx7Fz-IkESIX82cE4F	es, Inc. Tue Mar 25 0 rn5AUYmAPQtMlp	0:34:24 2025 Pa lreV_qS8KiAvz
0 <sub>[-1]</sub> 8								
								Scale = 1:
								3x4
1	2	3	4 3x4 =	5	6	7	8	9
	•	•			•	•	•	
19 0- 7-F	ST1	ST1	ST1 W8	ST1	ST1	et 1	QT1	W1
		311			311	311	311	
	•	•	•			•	•	
$\times\!\!\!\times\!\!\!\times\!\!\!\times\!\!\!\times\!\!\!\times$	*********	******		******				$\times$
18	17	16	15	14	13	12	11	10
3x4				3x4 =				3x4
				10-3-2				

ſ			10-3-2
Plate Offsets (X,Y)	[4:0-1-8,Edge], [14:0-1-8,Edge], [18:E	Edge,0-1-8]	
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	<b>CSI.</b> TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL.         in (loc)         I/defl         L/d           Vert(LL)         n/a         -         n/a         999           Vert(CT)         n/a         -         n/a         999           Horz(CT)         0.00         10         n/a         n/a           Weight:         47 lb         FT = 20%F, 11%E
			BRACING-TOP CHORDStructural wood sheathing directly applied or 6-0-0 oc purlins, except end verticals.BOT CHORDRigid ceiling directly applied or 10-0-0 oc bracing.

**REACTIONS.** All bearings 10-3-2.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 18, 10, 17, 16, 15, 14, 13, 12, 11

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	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBELL RIDGE   95 F	INON DRIVE ANGIER, NC
25-2453-F01	F112	Floor	1	1	Job Reference (optional)	# 57909
<u> </u>	01		Run: 8.630 s Jul ID:HnBel3	12 2024 Prir IytaQyablQ	It: 8.630 s Jul 12 2024 MiTek Industries.	Inc. Tue Mar 25 00:34:25 2025 Page 1 I1FHPyeQVVD3KNv1_go4GiLzXZui 1-0-12 Scale = 1:16.6
₁ 3x6 =				1.5x3		3x6 —
	2		3 T1 B1	4	5	6 W3 W1 07-
2	11	10		9 3x8 =		8
1-6-0 1-6-0 Plate Offsets (X,Y)	2	-0-0 -6-0		9-1-8 5-1-8		<u> </u>
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0	Plate Grip DOL Lumber DOL	-4-0 <b>CSI.</b> 1.00 TC 0.19 1.00 BC 0.18 YES WB 0.24	Vert(LL) -0.02	2 9-10 3 9-10	I/defi L/d <b>PLAT</b> >999 480 MT20 >999 360 n/a n/a	

BRACING-

TOP CHORD

BOT CHORD

end verticals.

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

TOP CHORD 2x4 SP No.1(flat)

5.0

REACTIONS. (lb/size) 12=374/0-4-8 (min. 0-1-8), 7=374/0-4-8 (min. 0-1-8)

Code IRC2021/TPI2014

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

TOP CHORD 1-12=-370/0, 6-7=-371/0, 1-2=-396/0, 2-3=-844/0, 3-4=-848/0, 4-5=-848/0, 5-6=-346/0

BOT CHORD 10-11=0/740, 9-10=0/929, 8-9=0/694

WEBS 1-11=0/497, 2-11=-447/0, 5-8=-453/0, 6-8=0/461

NOTES- (3-4)

BCDL

LUMBER-

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

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.

Matrix-SH

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

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

LOAD CASE(S) Standard



Weight: 56 lb

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

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

FT = 20%F, 11%E

Job	Truss	Truss Type	Qty	Ply LOT	0.0023 CAMPBELL RIDGE	95 PINON DRI	VE ANGIER, NC
25-2453-F01	F113	Floor	8	1	Defenses (actional)		# 57909
			Run: 8.630 s Jul 1	JOD 2 2024 Print: 8.6	Reference (optional) 30 s Jul 12 2024 MiTek Indu	stries, Inc. Tue I	Mar 25 00:34:25 2025 Page 1 QVUD2jNuW_go4GiLzXZui
1-3-0			ID:HnBel3y	aQyablQe8tki	-I9ZX/FZ-MX0qZt8gNYC6	TXIM1FHPyeo	
	—					H	<u>0-11-10</u> 0 <sub>1</sub> 1-8
							Scale = 1:18.8
			1.5x3				1.5x3    1.5x3 ==
1 3x6 =	2	3	4	5		6	1.5x5 — 7
	-		T1				
						$\mathcal{A}$	
1450 1450		$\sim$ //					47 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-
	$\mathbf{H}$		B1				
	,		ů,				
3	12	11	10		9		
<u> </u>			3x8 =				6x6
<u>1-6-0</u> 1-6-0	4-0-0		<u>9-1-8</u> 5-1-8			<u>11-4-2</u> 2-2-10	<u>11-7-2</u> 0-3-0
Plate Offsets (X,Y) [	13:Edge,0-1-8]		5-1-6			2-2-10	0-3-0
LOADING (psf)	<b>SPACING-</b> 1-4-0	CSI.	DEFL. in	(loc) l/det	fi L/d P	LATES	GRIP
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1.00 Lumber DOL 1.00	TC 0.19	Vert(LL) -0.04 Vert(CT) -0.05	<u></u> 10 >999	9 480 N	IT20	244/190
BCLL 0.0	Rep Stress Incr YES	WB 0.27	Horz(CT) 0.01	8 n/a	a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH			V	Veight: 61 lb	FT = 20%F, 11%E
	No 1/flot)		BRACING-	Ctructural	and aboathing directly	applied or C (	0 oo nurling overst
TOP CHORD 2x4 SP BOT CHORD 2x4 SP	No.1(flat)		TOP CHORD	end verticals			
	No.3(flat)		BOT CHORD	Rigid ceiling	directly applied or 10-0	0-0 oc bracin	g.
REACTIONS (h/size	) $13=416/0-4-8$ (min $0-1-8$ )	$8 = 412/0_{-}7_{-}14$ (min $0_{-}1_{-}8$ )					

**REACTIONS.** (Ib/size) 13=416/0-4-8 (min. 0-1-8), 8=412/0-7-14 (min. 0-1-8)

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

TOP CHORD 1-13=-412/0, 1-2=-452/0, 2-3=-1001/0, 3-4=-1110/0, 4-5=-1110/0, 5-6=-720/0

BOT CHORD 11-12=0/846, 10-11=0/1136, 9-10=0/1001, 8-9=0/417

WEBS 1-12=0/566, 2-12=-513/0, 5-9=-366/0, 6-9=0/394, 6-8=-576/0

NOTES- (4-5)

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

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



ob	Truss		Truss Type		Qty	Ply	LOT 0.0023 CAMPBEL	L RIDGE   95 PINON DR	IVE ANGIER	, NC
5-2453-F01	F114		Floor Supported Gable		1	1	Job Reference (option	onal)	# 52	
				Run: 8	3.630 s Jul 1 D:HnBel3y	l 2 2024 Prii /taQyablQ	nt: 8.630 s Jul 12 2024 M e8fkFi9zx7Fz-mxoqzt	Tek Industries, Inc. Tue 8gNYC6TxfM1FHPye	Mar 25 00:34 QXSD54Ny	:25 2025 Page D_go4GiLzX
										0 <sub>∏</sub> 1 <sub>7</sub> 8
										Scale = 1:18
0-1										
3x4    1	2	3	4	$_5$ 3x4 $=$	6		7	8	9	10
	•	•	•		•		•	<u></u>	•	•
1-2-0 1-2-0	ST1	ST1	ST1	ST1 W2	ST1		ST1	ST1	ST1	21 BL1
				B1 XXXXXXXXXX		~~~~				
20	19	18	17	16	15	~~~~	14	13	12	11
3x4					3x4 =	:				3x4
				11-2-10						
				11.2.10						

I			11-2-10		
Plate Offsets (X,Y)	[1:Edge,0-1-8], [5:0-1-8,Edge], [15:0-	1-8,Edge], [20:Edge,0-1-	8]		
LOADING (psf)           TCLL         40.0           TCDL         10.0           BCLL         0.0           BCDL         5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	<b>CSI.</b> TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) -0.00	a - n/a 999 a - n/a 999	PLATES         GRIP           MT20         244/190           Weight: 52 lb         FT = 20%F, 11%E
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)			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing end verticals. Rigid ceiling directly appli	directly applied or 10-0-0 oc purlins, except ed or 6-0-0 oc bracing.

**REACTIONS.** All bearings 11-2-10.

(lb) - Max Uplift All uplift 100 lb or less at joint(s) 11

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

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

NOTES- (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).

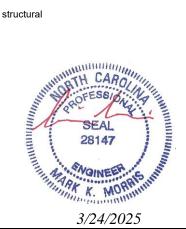
4) Gable studs spaced at 1-4-0 oc.

- 5) Provide mechanical connection (by others) of truss to bearing plate capable of withstanding 100 lb uplift at joint(s) 11.
- 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



I	Truss	Truss Type	Qty	Ply LOT	0.0023 CAMPBELL RI	IDGE   95 PINON [	DRIVE ANGIE	R, NC
2453-F01	F115	Floor Supported Gable	1	1 Job	Reference (optional	l)		7909
	·		Run: 8.630 s ID:HnB	Jul 12 2024 Print: 8.6 el3ytaQyablQe8fkF	30 s Jul 12 2024 MiTek i9zx7Fz-mxoqzt8gN	VIC6TxfM1FHP	ue Mar 25 00:3 yeQXSD54N	4:25 2025 Pag yD_go4GiLzX
								Scale = 1:23
3x4			344 —					3x4
	3	4 5	$6^{3x4} = 7$	8	9	10	11	12
	ST1	ST1 ST1	ST1 VV2 ST1	ST1	ST1	ST1	ST1	W1
	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	xxxx <sup>!!</sup> xxxxxx <sup>!!</sup> xxxx	xxx <del>\/</del> xxxxx/xx/xx	$\sim$	xxxxx	XXXXXXXX	XXXXX	$\propto$
24 23	22	21 20	19 18	17	16	15	14	13
3x4			$3x4 \equiv$					3x4

			14-1-12				
Plate Offsets (X,Y)	[1:Edge,0-1-8], [6:0-1-8,Edge], [18:0-	1-8,Edge], [24:Edge,0-1-	8]				
LOADING         (psf)           TCLL         40.0           TCDL         10.0           BCLL         0.0           BCDL         5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	<b>CSI.</b> TC 0.06 BC 0.01 WB 0.03 Matrix-SH	DEFL. ii Vert(LL) n/i Vert(CT) n/i Horz(CT) 0.00	a - n	efl L/d n/a 999 n/a 999 n/a n/a	PLATES MT20 Weight: 63 lb	<b>GRIP</b> 244/190 FT = 20%F, 11%E
			BRACING- TOP CHORD BOT CHORD	end vertica	als.	directly applied or 10	0-0-0 oc purlins, except ng.

#### **REACTIONS.** All bearings 14-1-12.

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

NOTES- (6-7)

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

2) Gable requires continuous bottom chord bearing.

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

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

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

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

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

LOAD CASE(S) Standard



Job	Truss	ss Type	Qty	Ply LOT 0	0023 CAMPBELL	RIDGE   95 PINON DRIV	VE ANGIER, NC	
25-2453-F01	F116 FLO		7	1	eference (option	·	# 57909	,
⊢ <u>1-3-0</u>			Run: 8.630 s Jul 1: ID:HnBel3	2 2024 Print: 8.630 /taQyablQe8fkF	s Jul 12 2024 MiT	iai) kek Industries, Inc. Tue N 8gNYC6TxfM1FHPye	QJMDv_NIJ_go4i: ا <sup>0-5-4</sup> ا	5 Page 1 GiLzXZui : 1/2"=1'
	6x12  MT20HS = $2$ $3^{3x6} =$ $3^{3x6} =$ 7 $167   167x10 =$	3x4 = 4 15 3x6	5 6	11	4x10 = 7 W4 3 3 4 6    3x6	11 7x12 MT20HS=	5x10 = 3x4    8 9 5 5 5 6x6 =	0-T-8 
Plate Offsets (X,Y) [	3-10-12 3-10-12 1:Edge,0-1-8], [11:0-4-8,Edge], [17	:0-5-0,Edge]	<u>11-2-12</u> 7-4-0			14-6-8 3-3-12		
LOADING (psf)           TCLL         40.0           TCDL         10.0           BCLL         0.0           BCDL         5.0	SPACING-1-7-3Plate Grip DOL1.00Lumber DOL1.00Rep Stress IncrNOCode IRC2021/TPI2014	<b>CSI.</b> TC 0.90 BC 0.78 WB 0.86 Matrix-SH	DEFL.         in           Vert(LL)         -0.08           Vert(CT)         -0.35           Horz(CT)         0.05	(loc) l/defl 14 >999 14-15 >491 10 n/a	L/d 480 360 n/a	<b>PLATES</b> MT20 MT20HS Weight: 100 lb	<b>GRIP</b> 244/190 187/143 • FT = 20%F,	11%E
			BRACING- TOP CHORD BOT CHORD	end verticals.	-	rectly applied or 4-4 or 10-0-0 oc bracino		xcept
FORCES. (Ib) - Max. TOP CHORD 1-18= 6-7=-4 BOT CHORD 16-17 10-11 WEBS 3-16= 2-16= NOTES- (5-6) 1) All plates are MT20	<ul> <li>18=1878/0-4-8 (min. 0-1-8), 10</li> <li>Comp./Max. Ten All forces 250 ( -1854/0, 1-2=-2477/0, 2-3=-6526/0 5859/0, 7-8=-3230/0 =0/4710, 15-16=0/6526, 14-15=0/6 =0/1084 -1560/0, 7-11=-2812/0, 8-11=0/272 0/2389, 6-14=0/325, 6-13=-573/0,</li> <li>plates unless otherwise indicated. as/have been modified. Building de</li> </ul>	lb) or less except when sho , 3-4=-6653/0, 4-5=-6570/0 ;749, 13-14=0/6309, 12-13 26, 8-10=-2177/0, 1-17=0/3 7-13=0/531	), 5-6=-6570/0, =0/5510, 11-12=0/5512 041, 2-17=-2836/0,		ended use of t	his		
<ol> <li>Recommend 2x6 st be attached to walls</li> <li>CAUTION, Do not e</li> <li>Graphical web brac the member must b</li> <li>Bearing symbols and</li> </ol>	ing representation does not depict	y other means. the size, type or the orienta	tion of the brace on the	web. Symbol	only indicates t d in the structu	that Iral		
Uniform Loads (plf) Vert: 10-18 Concentrated Load Vert: 7=-112 2) Dead: Lumber Incre Uniform Loads (plf)	balanced): Lumber Increase=1.00, =-8, 1-9=-80 s (lb) 20 3=-1360 sase=1.00, Plate Increase=1.00 =-8, 1-9=-80 s (lb)	Plate Increase=1.00				SEAL 28147	POLAS BARS	

Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBE	LL RIDGE   95 PINON DI	RIVE ANGIER, NC
25-2453-F01	F117	Floor	5		1 Job Reference (op	ional)	# 57909
<u>1-3-0</u>	1		Run: 8.630 s ID:HnI	Jul 12 2024 F Bel3ytaQyab	rint: 8.630 Sult 12 200 Alge8fkFi9zx7Fz-E7MC	uiTek Industries, Inc. Tue AD9I8sKz45EZbzoet	Mar 25 00:34:26 2025 Page 1 JryfUdKx6JK7vSppEozXZuh 1-5-0 Scale = 1:23.3
	2 9 4 4 4 4 4 4	1.5x3    3 4 1.5x3    1.5x3    1	T1 5 B1	11	6	7	8 0 0 0 0 0 0 0 0 0 0 0 0 0
<u> </u>	+ 4-0-0 2-6-0 15:Edae.0-1-81	<u>9-1-8</u> 5-1-8			<u>11-7-8</u> 2-6-0	14- 2-{	3-8 14-6 <sub>7</sub> 8 3-0 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 YES Code IRC2021/TPI201-	0 TC 0.23 0 BC 0.41 5 WB 0.43	Vert(CT) -(	in (loc) 0.10 11-12 0.14 11-12 0.03 9	l/defl L/d >999 480 >999 360 n/a n/a	PLATES MT20 Weight: 76 II	<b>GRIP</b> 244/190 p FT = 20%F, 11%E
		, 9=628/0-4-8 (min. 0-1-8)	BRACING- TOP CHORE BOT CHORE	end ve	ural wood sheathing erticals. ceiling directly applie		-0-0 oc purlins, except ng.

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

TOP CHORD 1-15=-623/0, 1-2=-712/0, 2-3=-1680/0, 3-4=-2130/0, 4-5=-2130/0, 5-6=-1981/0, 6-7=-1331/0

BOT CHORD 13-14=0/1340, 12-13=0/1997, 11-12=0/2157, 10-11=0/1783, 9-10=0/852

WEBS 1-14=0/893, 2-14=-817/0, 2-13=0/444, 3-13=-412/0, 6-11=0/258, 6-10=-588/0, 7-10=0/624, 7-9=-1028/0

NOTES- (3-4)

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

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

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

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

LOAD CASE(S) Standard



Job 25-2453-F01 	Truss F117A	Truss Type Floor	Qty 1 Run: 8.630 s J ID:HnBe	1 Job R	.0023 CAMPBELL RIDG Leference (optional) rs Jul 12 2024 MiTek In J2x7Fz-E7MCAD918s		RIVE ANGIER, NC # 57909 Mar 25 00:34:26 2025 Page 1 rycedFq6Gz7VSppEozXZuh
			3x8 = 5 1 1 1 1 1 3	6	11 4x4 =	4x4 = 7	4x6 = 8 $0$ $10$ $4x4 = 0$
Plate Offsets (X,Y)	7-4-12 7-4-12 [1:Edge,0-1-8], [17:Edge,0-1-	81			<u>14-6-8</u> 7-1-12		
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 N Code IRC2021/TPI201	3 <b>CSI.</b> 0 TC 0.42 0 BC 0.74 O WB 0.58	DEFL. Vert(LL) -0. Vert(CT) -0. Horz(CT) 0.		L/d 480 360 n/a	PLATES MT20 Weight: 79 lb	<b>GRIP</b> 244/190 • FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF			BRACING- TOP CHORD BOT CHORD	end verticals.	d sheathing directl irectly applied or 10		-0-0 oc purlins, except ng.
FORCES. (b) - Max. TOP CHORD 1-17 BOT CHORD 15-16 WEBS 1-16- 6-11= NOTES- (5-6) 1) All plates are 3x4 M 2) Load case(s) 1, 2 f truss. 3) Recommend 2x6 s	819/0, 8-9=-832/0, 1-2=-966 3=0/1824, 14-15=0/2994, 13-1 =0/1211, 2-16=-1117/0, 2-15= =-854/0, 7-11=0/885, 7-10=-1 MT20 unless otherwise indicat has/have been modified. Build trongbacks, on edge, spaced	250 (lb) or less except when sh /0, 2-3=-2453/0, 3-4=-2453/0, 4 4=0/3540, 12-13=0/3540, 11-12 0/803, 4-15=-691/0, 4-14=0/450 184/0, 8-10=0/911 ed. ing designer must review loads at 10-0-0 oc and fastened to ea	-5=-3340/0, 5-6=-312 2=0/2726, 10-11=0/13 ), 5-14=-332/0, 5-12= to verify that they are	390 -518/0, 6-12=0/52 e correct for the int	5, tended use of this		
<ul> <li>4) CAUTION, Do not</li> <li>5) Graphical web brack</li> <li>the member must be</li> <li>6) Bearing symbols and</li> </ul>	be braced.	lepict the size, type or the orient					
Uniform Loads (plf) Vert: 9-17= Concentrated Load Vert: 5=-40 2) Dead: Lumber Incr Uniform Loads (plf)	(balanced): Lumber Increase= ) 8, 1-8=-80 is (Ib) 00 ease=1.00, Plate Increase=1. ) 8, 1-8=-80 is (Ib)				and a second sec	SEA 2814 ARK K. MOINT 3/24/	ADDRASS INTERNATION

Job	Truss	Truss Type	Qty	Ply LOT 0.0023 CAMF	PBELL RIDGE   95 PINON D	RIVE ANGIER NO
25-2453-F01	F118	FLOOR	2	1		# 57909
				Job Reference ( 2 2024 Print: 8.630 s Jul 12 20	optional) 24 MiTek Industries, Inc. Tu	e Mar 25 00:34:26 2025 Page 1 ryUEdG96B37vSppEozXZul
<u>⊢ 1-3-0</u>	<u>1-0-4</u>		ID:HnBel3yt	aQyabiQe8ĭk⊢ı9zx7⊦z-E7N	ICAD9I8sKz45E∠bzoeUi ├──	ryUEdG96B3/vSppEozX2ul _1-4-12 Scale: 1/2"=1
1 5x8 =	5x8 = 2 3	3x4 = 3x6 = 4 4 4 13	33 T1 5 B1 8 12	11	3x6 = 7	
3x6	10x10    6x8		4x6	6x8 =	6x8 =	
Plate Offsets (X,Y)	3-10-12 3-10-12 [1:Edge,0-1-8], [8:0-3-0,Edg SPACING- 1-	ge], [14:0-3-0,Edge]	1	14-6-8 0-7-12 (loc) I/defl L/d	PLATES	GRIP
TCLL         40.0           TCDL         10.0           BCLL         0.0           BCDL         5.0	Plate Grip DOL 1 Lumber DOL 1	.00 TC 0.95 .00 BC 0.66 NO WB 0.95	Vert(LL) -0.09	12 >999 480 12-13 >624 360	Weight: 97 I	244/190
			BRACING- TOP CHORD BOT CHORD	Structural wood sheathi end verticals. Rigid ceiling directly ap	<b>o y</b> 11	I-2-15 oc purlins, except ing.
REACTIONS. (Ib/siz	ze) 16=1630/0-4-8 (min. 0-	1-8), 9=987/0-4-8 (min. 0-1-8)				
TOP CHORD 1-16 5-6- BOT CHORD 14-1 WEBS 3-12 4-12	i=-1608/0, 8-9=-968/0, 1-2=- -3322/0, 6-7=-3322/0, 7-8=- 5=0/4049, 13-14=0/5573, 12 1314/0, 1-15=0/2619, 2-15	es 250 (lb) or less except when sh 2133/0, 2-3=-5573/0, 3-4=-5359/0 1362/0 2-13=0/5147, 11-12=0/4114, 10-1 5=-2433/0, 2-14=0/2004, 3-13=-26 988/0, 7-11=0/1060, 7-10=-1410/	, 4-5=-4645/0, 1=0/2472 52/0, 4-13=0/270,			
truss. 2) Recommend 2x6 be attached to wa 3) CAUTION, Do not	strongbacks, on edge, space Ils at their outer ends or restr erect truss backwards.	ilding designer must review loads ed at 10-0-0 oc and fastened to ea rained by other means. t depict the size, type or the orient	ach truss with 3-10d (0.1	I31" X 3") nails. Strongb	acks to	
the member must 5) Bearing symbols a	be braced.	tions of a possible bearing condit				
Uniform Loads (pl Vert: 9-16 Concentrated Loa Vert: 3=-1 2) Dead: Lumber Inc Uniform Loads (pl	(balanced): Lumber Increase f) =-8, 1-8=-80 ds (Ib) 360 rease=1.00, Plate Increase= f) =-8, 1-8=-80 ds (Ib)	e=1.00, Plate Increase=1.00 1.00			2814 2814 AMARTH C. SEA	EER SUM

Job	Truss	Truss Type	Qty	Ply	LOT 0.0023 CAMPBELL RIDGE   95 PIN	ON DRIVE ANGIER, NC
25-2453-F01	F119	Floor	3	1	Job Reference (optional)	# 57909
			Run: 8.630 s Jul 12	2 2024 Pri	nt: 8.630 s Jul 12 2024 MiTek Industries, In Qe8fkFi9zx7Fz-E7MCAD9I8sKz45EZ	c. Tue Mar 25 00:34:26 2025 Page 1
1-3-0			ID.I IIIDeloy	raQyabi		
						01
						Scale = 1:23.3
		1.5x3				$4x4 \equiv$
1 <sup>3x6</sup> =	2	3 4 T1	5		6	7 8
1445				/		1-2-0 IV
		B1		¥/		
1 <u>5</u> 14	13 I =	12 3x8 =		11	10 4x4 =	3x6 =
	-	500			- <del>-</del> + <b>X</b> +	5x0 —
1-6-0	4-0-0	9-1-8		1	11-7-8	14-3-8 1 <del>4</del> -6 <sub>т</sub> 8
1-6-0 Plate Offsets (X,Y) [1	2-6-0 5:Edge.0-1-8]	5-1-8		1	2-6-0	2-8-0 0-3-0
LOADING (psf)	<b>SPACING-</b> 1-7-3	3 CSI. I	DEFL. in	(loc)	l/defi L/d PLATES	S GRIP
TCLL 40.0	Plate Grip DOL 1.00	) TC 0.29 \	Vert(LL) -0.10 1	11-12	>999 480 MT20	244/190
TCDL 10.0 BCLL 0.0	Lumber DOL 1.00 Rep Stress Incr NC		Vert(CT) -0.17 1 Horz(CT) 0.04	11-12 9	>986 360 n/a n/a	
BCDL 5.0	Code IRC2021/TPI2014	4 Matrix-SH	, ,		Weight	76 lb FT = 20%F, 11%E
LUMBER-	(I = <b>4</b> ( <b>8</b> - 4)		BRACING-	<u></u>		
TOP CHORD 2x4 SP I BOT CHORD 2x4 SP I		I		end ver	ral wood sheathing directly applied ticals.	or 6-0-0 oc puriins, except
WEBS 2x4 SP I	No.3(flat)	E	BOT CHORD	Rigid ce	eiling directly applied or 10-0-0 oc	bracing.
REACTIONS. (lb/size)	15=696/0-4-8 (min. 0-1-8)	, 9=801/0-4-8 (min. 0-1-8)				
		250 (lb) or less except when shown.				
		2/0, 3-4=-2547/0, 4-5=-2547/0, 5-6=-25 2=0/2659, 10-11=0/2446, 9-10=0/1105		0		
WEBS 1-14=0	/1005, 2-14=-923/0, 2-13=0/	549, 3-13=-517/0, 3-12=0/278, 6-10=-8	855/0, 7-10=0/890	0, 7-9=-	1334/0	
NOTES- (4-5)	500 valene ethemuine indicet					
	20 unless otherwise indicate s/have been modified. Buildi	ed. ng designer must review loads to verify	y that they are cor	rrect for	the intended use of this	
truss. 3) Recommend 2x6 stro	ongbacks on edge spaced a	at 10-0-0 oc and fastened to each trus	s with 3-10d (0 13	31" X 3"	) nails Strongbacks to	
be attached to walls	at their outer ends or restrair				, C	
the member must be	braced.					
	only graphical representation support the loads indicated.	ns of a possible bearing condition. Bea	aring symbols are	not cor	nsidered in the structural	
LOAD CASE(S) Standa	ard					
1) Dead + Floor Live (b	alanced): Lumber Increase=	1.00, Plate Increase=1.00				
Uniform Loads (plf) Vert: 9-15=-8						
Concentrated Loads Vert: 6=-240	(lb)					ALAIIIIIIII
2) Dead: Lumber Increa	ase=1.00, Plate Increase=1.0	0			IN BALL	CAROI
Uniform Loads (plf) Vert: 9-15=-8					A ROAD	ESGIPNE
Concentrated Loads Vert: 6=-240	(lb)					SFAL .
						28147
					111111 and a	
					THE ASSAN	CAROLULA ESSION ESSION SEAL 28147 GINEER SUMMUNIC
					Tunkk	K. MOREMIN
						2+1 1 + + + + + + + + + + + + + + + + +

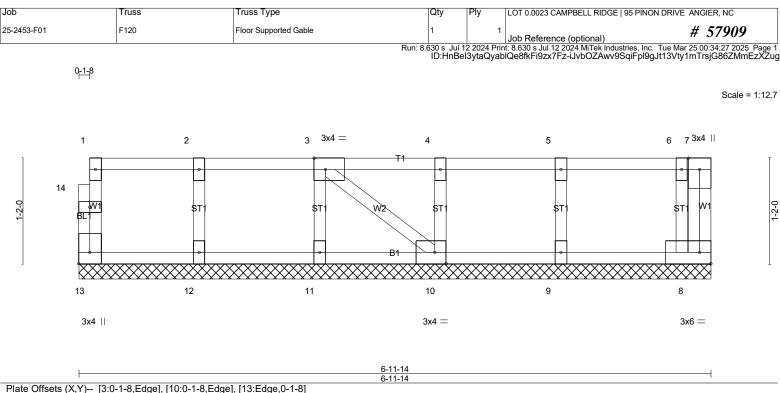


Plate Offsets (X,Y)	[3:0-1-8,Edge], [10:0-1-8,Edge], [13:E	dge,0-1-8]			
LOADING (psf)           TCLL         40.0           TCDL         10.0           BCLL         0.0           BCDL         5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	<b>CSI.</b> TC 0.06 BC 0.01 WB 0.03 Matrix-P	DEFL. ii Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	a - n/a 999	PLATES         GRIP           MT20         244/190           Weight: 35 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 end verticals. Rigid ceiling directly applied	directly applied or 6-0-0 oc purlins, except

OTHERS 2x4 SP No.3(flat)

**REACTIONS.** All bearings 6-11-14.

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

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.

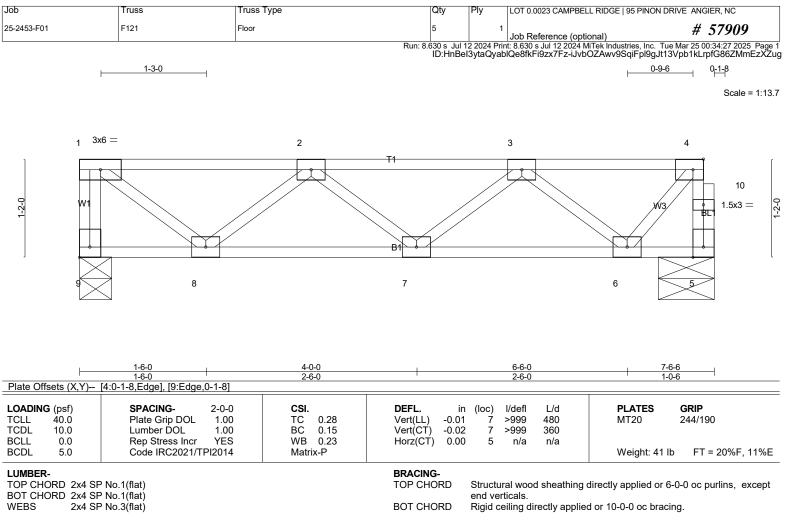
6) CAUTION, Do not erect truss backwards.

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





**REACTIONS.** (lb/size) 9=400/0-4-8 (min. 0-1-8), 5=394/0-7-14 (min. 0-1-8)

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

TOP CHORD 1-9=-395/0, 5-10=-393/0, 4-10=-393/0, 1-2=-382/0, 2-3=-680/0, 3-4=-275/0

BOT CHORD 7-8=0/705, 6-7=0/623

WEBS 1-8=0/480, 2-8=-420/0, 3-6=-453/0, 4-6=0/399

NOTES- (4-5)

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

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.

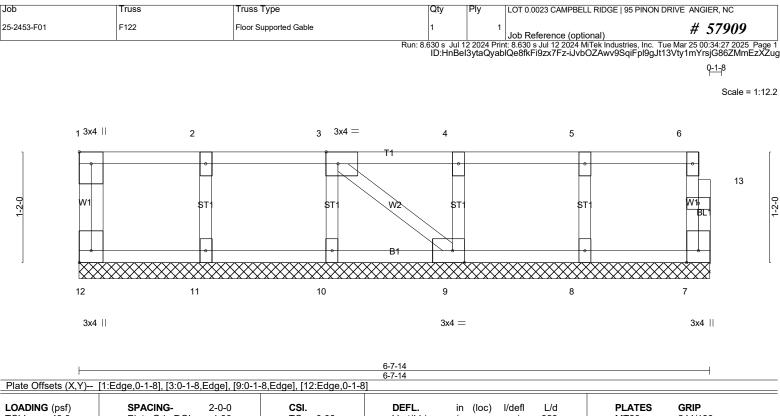
3) CAUTION, Do not erect truss backwards.

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





i (pst)	SPACING- 2-0-0	CSI.	DEFL. II	1 (IOC) I/deti L/d	PLATES C	SRIP
<u>40.Ó</u>	Plate Grip DOL 1.00	TC 0.06	Vert(LL) n/a	a – n/a 999	MT20 2	244/190
10.0	Lumber DOL 1.00	BC 0.01	Vert(CT) n/a	a - n/a 999		
0.0	Rep Stress Incr YES	WB 0.03	Horz(CT) 0.00	) 7 n/a n/a		
5.0	Code IRC2021/TPI2014	Matrix-P			Weight: 33 lb	FT = 20%F, 11%E
			BRACING-		1	
				Otwo structures and also attained		
			TOP CHORD	Structural wood sheathing (	directly applied or 6-0-	o oc puriins, except
ORD 2x4 SF	PNo.1(flat)			end verticals.		
2x4 SF	PNo.3(flat)		BOT CHORD	Rigid ceiling directly applied	d or 10-0-0 oc bracing.	
	40.0 10.0 5.0 DRD 2x4 SF DRD 2x4 SF DRD 2x4 SF	40.0         Plate Grip DOL         1.00           10.0         Lumber DOL         1.00           0.0         Rep Stress Incr         YES           5.0         Code IRC2021/TPI2014	40.0         Plate Grip DOL         1.00         TC         0.06           10.0         Lumber DOL         1.00         BC         0.01           0.0         Rep Stress Incr         YES         WB         0.03           5.0         Code IRC2021/TPI2014         Matrix-P           DRD         2x4 SP No.1(flat)         DRD         2x4 SP No.1(flat)	¥0.0         Plate Grip DOL         1.00         TC         0.06         Vert(LL)         n/a           10.0         Lumber DOL         1.00         BC         0.01         Vert(CT)         n/a           0.0         Rep Stress Incr         YES         WB         0.03         Horz(CT)         0.00           5.0         Code IRC2021/TPI2014         Matrix-P         BRACING-         TOP CHORD           DRD         2x4 SP No.1(flat)         DRD         2x4 SP No.1(flat)         TOP CHORD	40.0         Plate Grip DOL         1.00         TC         0.06         Vert(LL)         n/a         -         n/a         999           10.0         Lumber DOL         1.00         BC         0.01         Vert(CT)         n/a         -         n/a         999           0.0         Rep Stress Incr         YES         WB         0.03         Horz(CT)         0.00         7         n/a         n/a           5.0         Code IRC2021/TPI2014         Matrix-P         Matrix-P         BRACING-         TOP CHORD         Structural wood sheathing of end verticals.	40.0         Plate Grip DOL         1.00         TC         0.06         Vert(LL)         n/a         -         n/a         999         MT20         2           10.0         Lumber DOL         1.00         BC         0.01         Vert(LL)         n/a         -         n/a         999         MT20         2           0.0         Rep Stress Incr         YES         WB         0.03         Matrix-P         Horz(CT)         0.00         7         n/a         n/a         Weight: 33 lb           5.0         Code IRC2021/TPI2014         Matrix-P         BRACING-         TOP CHORD         Structural wood sheathing directly applied or 6-0-           0RD 2x4 SP No.1(flat)         DRD 2x4 SP No.1(flat)         Structural wood sheathing directly applied or 6-0-         end verticals.

OTHERS 2x4 SP No.3(flat)

**REACTIONS.** All bearings 6-7-14.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 12, 7, 11, 10, 9, 8

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	Truss		Truss Type		Qty	Ply LO	T 0.0023 CAMPBELL RI	DGE   95 PINON DI	RIVE ANGIER, NC
25-2453-F01	F123		Floor Supported Gabl	e	2	1 Joi	b Reference (optional	)	# 57909
					Run: 8.630 s J ID:Hn	ul 12 2024 Print: 8.0 Bel3ytaQyablQe	630 s Jul 12 2024 MiTek 8fkFi9zx7Fz-iJvbOZA	Industries, Inc. Tue wv9SqiFpl9gJt13	e Mar 25 00:34:27 2025 Page 1 3Vty1mYrsjG86ZMmEzXZug
									0 <sub>[1]</sub> 8
									Scale = 1:20.3
3x4									
1	2	3	4	$5^{3x4} = 11$	6	7	8	9	10 11
] [+	•	•	•		•	•	•	•	
1-2-0 1-2-0	ST1	ST1	ST1	ST1 VV2	ST1	ST1	ST1	ST1	
-						Ц			
	××××××××××		××××××××××××××××××××××××××××××××××××××	B1					
22	21	20	×××××××××××× 19	18	XXXXXXX 17	2××××××× 16	15	×××××××× 14	13 12
3x4					3x4 =				3x4

12-5-14												
Plate Offsets (X,Y) [1:Edge,0-1-8], [5:0-1-8,Edge], [17:0-1-8,Edge], [22:Edge,0-1-8]												
LOAD TCLL TCDL BCLL BCDL	ING (psf) 40.0 10.0 0.0 5.0	SPACING- 2-0-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	<b>CSI.</b> TC 0.06 BC 0.01 WB 0.03 Matrix-SH	<b>DEFL.</b> ir Vert(LL) n/a Vert(CT) n/a Horz(CT) -0.00	ı -	n/a 99 n/a 99						
	HORD 2x4 SP HORD 2x4 SP 2x4 SP			BRACING- TOP CHORD BOT CHORD	Structural wood sheathing directly applied or 10-0-0 oc purlins, exce end verticals. Rigid ceiling directly applied or 6-0-0 oc bracing.							

12-5-14

**REACTIONS.** All bearings 12-5-14.

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

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

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

NOTES- (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) 12.

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

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 0.0023 CAMPBE	LL RIDGE   95 PINON DR	IVE ANGIER, NC				
25-2453-F01	F124	Floor	13	1	Job Reference (opt	ional)	# 57909				
<u>1-3-0</u>			Run: 8.630 s Jul 1 ID:HnBel3	<sup>⊥</sup> 2 2024 Prii 3ytaQyab	nt: 8.630 s Jul 12 2024 M	/iTek Industries, Inc. Tue	Mar 25 00:34:27 2025 Page 1 /pM1gTrl2G86ZMmEzXZug 0-11-14 0 <sub>1</sub> 1 <sub>1</sub> 8 Scale = 1:20.9				
1 <sup>3x6</sup> =	2 13 4x4 =	3	1.5x3    4 5 1.5x3    5 1.5x3    5 5 1.5x3    5 5 1.5x3    5 1.5x3    5 1.5x3		10	6 9 4x					
<u>1-6-0</u> <u>1-6-0</u> Plate Offsets (X,Y) LOADING (psf) TCLL 40.0	4-0-0 2-6-0 7:0-1-8,Edge], [14:Edge,0-1 SPACING- 2-0 Plate Grip DOL 1.0	-0 <b>CSI</b> .	9-1-8 5-1-8 <b>DEFL.</b> in Vert(LL) -0.08		  /defl L/d >999 480	11-7-8 2-6-0 PLATES MT20	12-10-6 1-2-14 GRIP 244/190				
TCDL         10.0           BCLL         0.0           BCDL         5.0	Lumber DOL 1.0 Rep Stress Incr YE Code IRC2021/TPI20	S WB 0.46	Vert(CŤ) -0.11 Horz(CT) 0.02	11 8	>999 360 n/a n/a	Weight: 67 lb	FT = 20%F, 11%E				
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP		i	BRACING- TOP CHORD BOT CHORD	end ver	ticals.	directly applied or 6- d or 10-0-0 oc bracir	0-0 oc purlins, except				
REACTIONS. (Ib/size) 14=694/0-4-8 (min. 0-1-8), 8=688/0-7-14 (min. 0-1-8)											
FORCES. (lb) - Max. Comp./Max. Ten All forces 250 (lb) or less except when shown.         TOP CHORD       1-14=-687/0, 8-15=-685/0, 7-15=-683/0, 1-2=-769/0, 2-3=-1760/0, 3-4=-2097/0, 4-5=-2097/0, 5-6=-1687/0, 6-7=-641/0         BOT CHORD       12-13=0/1444, 11-12=0/2046, 10-11=0/2013, 9-10=0/1329         WEBS       1-13=0/965, 2-13=-879/0, 2-12=0/412, 3-12=-371/0, 5-10=-425/0, 6-10=0/465, 6-9=-896/0, 7-9=0/844											
2) Recommend 2x6 st	s at their outer ends or restra	at 10-0-0 oc and fastened to each	truss with 3-10d (0.1	31" X 3"	) nails. Strongbacł	ks to					

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

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

LOAD CASE(S) Standard

