# 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 #: 55565 JOB: 24-B592-F02 JOB NAME: LOT 0.0017 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. 23 Truss Design(s)

Trusses:

F201, F202, F203, F204, F205, F205A, F206, F206A, F207, F208, F209, F211, F212, F213, F214, F214A, F215, F216, F217, F218, F219, F220, F221



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

Job	Truss	Truss Type	Q	ty	Ply	LOT 0.	0017 CAMPBE	LL RIDGE	E   231 ALDEN W	ay angi	ER, NC
24-B592-F02	F201	FLOOR SUPPORTED GABL	1			1 Job R	eference (op	ional)		# .	55565
			Run: 8.63	) s Jul 12 aUCksx	2 2024 Pi	rint: 8.630	s Jul 12 2024	MiTek Ind 31 Yiil ItF	ustries, Inc. Sat [ RdCliUBZnBKIC	Dec 21 20	:30:11 2024 Page 1 9r2M3HiggXv6eiC
				900.00	200011			ojou		logo u	0-1-8
											Scale: 3/8"=1'
1 0	2 4 5	3	x4 =	10		3x8	FP=	14	15	16	3x4
			9 •						T2 <sup>15</sup>		،ر ا
	ST1 ST1 ST1			ST1	S	T1 B2	ST1	ST1	STT1	ST1	
34 33	X X X X X X X X X X X X X X X X X X X	29 28 27 26	<u>x x x x x x x x x x x x x x x x x x x </u>	24 XXX	<u>, x x x</u>		<u> </u>	<u>X X X X</u> 21	20	<u> </u>	18
3x4	02 01 00	3x8 FP=	3x4 =	27	2	.0	22	21	20	15	3x4
			19-8-6								1
Plate Offsets (X Y)	[8:0-1-8 Edge] [25:0-1-8 Edg	ie] [34·Edge 0-1-8]	19-8-6								
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 DCDL 5.0	SPACING- 1-7 Plate Grip DOL 1.1 Lumber DOL 1.1 Rep Stress Incr YE	-3 <b>CSI.</b> -3 TC 0.05 00 BC 0.01 S WB 0.03 44 Metric SU	DEFL. Vert(LL) Vert(CT) Horz(CT)	in n/a n/a 0.00	(loc) - - 18	l/defl n/a n/a n/a	L/d 999 999 n/a		PLATES MT20	<b>GRIP</b> 244/19	0
DUDL 3.0		14 IVIau IX-OH	1					1	vvelgill. og ID	F ( P	- ZU70F, II%E

BRACING-

TOP CHORD

BOT CHORD

end verticals.

#### LUMBER-

 TOP CHORD
 2x4 SP No.1(flat)

 BOT CHORD
 2x4 SP No.1(flat)

 WEBS
 2x4 SP No.3(flat)

 OTHERS
 2x4 SP No.3(flat)

**REACTIONS.** All bearings 19-8-6.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 18, 34, 19, 20, 21, 22, 23, 24, 25, 26, 27, 29, 30, 31, 32, 33

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

NOTES- (7-8)

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

2) Gable requires continuous bottom chord bearing.

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

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

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

6) CAUTION, Do not erect truss backwards.

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

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

# LOAD CASE(S) Standard



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

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

Job	Truss	Truss Type	Qty Ply	LOT 0.0017 CAMPBEL	L RIDGE   231 ALDEN V	VAY ANGIER, NC
24-B592-F02	F202	Floor	2	1	anal)	# 55565
L	I		Run: 8.630 s Jul 12 202 ID:al ICksxzC6.	24 Print: 8.630 s Jul 12 2024 M PHT2vGkHFINYviOvf-7F	liTek Industries, Inc. Sat MI2k6ekl3Nt3O6\/i7I	Dec 21 20:30:12 2024 Page 1 Use8PfUuD1VIxSDCzv6eiP
0-1-8			12.900.000.2000			
H <b>⊢</b> <del>1-3-0</del>		<u>  1-1-7</u>    -	2-0-0			<u>1-1-4</u> Scale = 1:32.7
1 5×3 —	2v9 ED-	1.50	2 11 276	_		2×6 —
1.5x5 — 1	2 3 4	5 6	7 _8	9	10	5x0 — 11
					tet.	
		B1 61			B2	
	101	tel Lel				
23 22	21	20 19	18 17 1 5×2 11 3×6 —	16 1	5 14 FP	13 12
			1.5x5    5x6 —	380	FF—	
1-6-0	4-0-0 6-	6-0 8-10-7 8-11-	9-11-15 11-1-7 12-1-10	13-7-10 16-1-10	18-7-10	10-11-14
1-6-0	2-6-0 2-	6-0 2-4-7 0-1-4	10-11-13 11-7-5 12-3-2 3 1-0-0 1-0-0 0-1-8 0-6-2 0-6-2 0-1-8	1-4-8 2-6-0	2-6-0	1-4-4
Plate Offsets (X,Y)	[7:0-1-8,Edge], [19:0-1-8,Edg	e], [23:Edge,0-1-8]	1			
LOADING (psf)	SPACING- 1-7	-3 <b>CSI</b> .	<b>DEFL.</b> in (loc	c) I/defl L/d	PLATES	GRIP
TCDL 10.0	Lumber DOL 1.0	0 BC 0.67	Vert(CT) -0.31 19-2	20 >474 360	INT20	244/130
BCDL 5.0	Code IRC2021/TPI20	IA Matrix-SH	Horz(C1) 0.02 1	2 n/a n/a	Weight: 102	lb FT = 20%F, 11%E
LUMBER-			BRACING-			
TOP CHORD 2x4 SP BOT CHORD 2x4 SP	? No.1(flat) ? SS(flat) *Except*		TOP CHORD Stru end	ctural wood sheathing o verticals.	directly applied or 2-	-2-0 oc purlins, except
B2: 2x4 WEBS 2x4 SP	4 SP No.1(flat) 9 No.3(flat)		BOT CHORD Rigi 6-0-	d ceiling directly applied 0 oc bracing: 16-17.	d or 10-0-0 oc bracii	ng, Except:
REACTIONS. (Ib/size	e) 23=549/0-3-6 (min 0-1-6	3) 12=366/0-3-8 (min 0-1-8) 1	7=816/0-3-8 (min 0-1-8)	Ū		
Max G	rav 23=558(LC 3), 12=371(L	C 7), 17=816(LC 1)				
FORCES. (lb) - Max.	Comp./Max. Ten All forces	250 (lb) or less except when sh	10WN.			
10P CHORD 23-24 4-5=-	1744/0, 5-6=-1209/0, 6-7=-12	=-368/0, 1-2=-630/0, 2-3=-1431, 209/0, 7-8=-292/27, 8-9=-551/0,	9-10=-729/0,			
10-11 BOT CHORD 21-22	=-340/0 2=0/1169, 20-21=0/1696, 19-	20=0/1661, 18-19=0/1209, 17-1	8=0/1209, 16-17=-27/292,			
15-16 WEBS 7-18=	6=0/774, 14-15=0/774, 13-14 =0/345, 8-17=-335/54, 1-22=0	=0/664 )/761, 2-22=-702/0, 2-21=0/340,	4-21=-345/0,			
5-19=	632/0, 7-17=-1213/0, 8-16=	0/411, 9-16=-346/0, 10-13=-422	2/0, 11-13=0/445			
NOTES- (5-6)	ve loads have been consider	ed for this design				
2) All plates are 3x4 M	AT20 unless otherwise indica	ted.	ach trucc with 2 10d (0 121"	V 2") poilo Stronghook	a ta	
be attached to wall	s at their outer ends or restra	ined by other means.	acii iluss wiili 5-100 (0.151 ).		5 10	
<ul><li>4) CAUTION, Do not e</li><li>5) Graphical web brace</li></ul>	erect truss backwards. Sing representation does not	depict the size, type or the orien	tation of the brace on the we	b. Symbol only indicates	s that	
the member must b 6) Bearing symbols ar	e braced. e only graphical representati	ons of a possible bearing condit	ion. Bearing symbols are not	considered in the struc	tural	
design of the truss	to support the loads indicate	d.				Elilea.
LOAD CASE(S) Stand	dard				WHENTH CA	ROLIN
					A POFESE	Pro The
					SEA	
					2814	7
						al III
					ARY	ORREININ
					Minner K.	Alount
					12/2	1/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL R	IDGE   231 ALDEN WAY ANGIER, NC	
24-B592-F02	F203	Floor	5	1	Ioh Reference (options	# 55565	
L	I	I	Run: 8.630 s Jul ID:aUCksxz	1 2 2024 Pri 2C6J7HT2	nt: 8.630 s Jul 12 2024 MiTe CYGkHFINYviOvf-ZFsMI2	// k Industries, Inc. Sat Dec 21 20:30:12 2024 k6ekl3Nt3O6ViZlUseCPfWuD0VIxSD/	Page 1 Czv6eiP
0-1-8			.2.900.00		., e		029009.
H <b>⊢</b> <u>1-3-0</u>		<u>  1-1</u>	-7 2-0-0 1-0-3	<u> </u>		<mark>0-9-12</mark>   Scale:	: 3/8"=1'
							0,0
1.5x3 =	3x8 FP=	= 	1.5x3    6 7	3x6 =	q	3x6 = 10 11	=
							[_
		// // 💘	3 1 104		$\langle / \rangle$	W5 W1	1-2-0
	1 1	B1					l
23 22	2 21	20	19 18	Ā	16 15	14 13 12	
			1.5x3	3x6 =	3x8	P=	
			0.44.45				
<u>  1-6-0</u> 1-6-0	4-0-0	<u>6-6-0</u> <u>8-10-7</u> 2-6-0 2-4-7	9-11-15 11-1-7 12- 8-11-15 10-11-15 11-7-9 0-1-8 1-0-0 1-0-0 0-1-8 0-1	1-10 <u>12-3-2 13-1</u> 3-2 1-4	7-10 <u>16-1-10</u> 4-8 2-6-0	<u></u>	
Plate Offsets (X,Y)	[7:0-1-8.Edge], [19:0-1	1-8.Edge]. [23:Edge.0-1-8]	0-6-2	0-1-8			
	SPACING-	1-7-3 <b>CS</b>	DEEL in	(loc)	l/defl L/d	PLATES GRIP	
TCLL 40.0	Plate Grip DOL	1.00 TC 0.89	Vert(LL) -0.22	19-20	>655 480	MT20 244/190	
BCLL 0.0	Rep Stress Inc	r YES WB 0.36	Horz(CT) 0.02	19-20	n/a n/a		
BCDL 5.0	Code IRC2021	/TPI2014 Matrix-SH				Weight: 100 lb FT = 20%F, 1	11%E
LUMBER- TOP CHORD 2x4 SF	P No.1(flat)		BRACING- TOP CHORD	Structur	al wood sheathing dire	ectly applied or 2-2-0 oc purlins, ex	kcept
BOT CHORD 2x4 SF	P SS(flat) <sup>*</sup> Except*			end ver	ticals.	10-0-0 oc bracing Except	
WEBS 2x4 SF	P No.3(flat)			6-0-0 oc	bracing: 16-17.		
REACTIONS. (Ib/siz	e) 23=551/0-3-6 (mi	n. 0-1-8), 12=358/Mechanical, 17=	=797/0-3-8 (min. 0-1-8)				
Max G	Grav 23=559(LC 3), 12=	=363(LC 7), 17=797(LC 1)					
FORCES. (lb) - Max TOP CHORD 23-24	. Comp./Max. Ten Al 4=-557/0, 1-24=-556/0	I forces 250 (Ib) or less except wh , 11-12=-362/0, 1-2=-631/0, 2-3=-	en shown. 1433/0, 3-4=-1433/0,				
4-5=- 10-1	-1748/0, 5-6=-1216/0,	6-7=-1216/0, 7-8=-301/9, 8-9=-55	0/0, 9-10=-684/0,				
BOT CHORD 21-2	2=0/1171, 20-21=0/17	00, 19-20=0/1666, 18-19=0/1216,	17-18=0/1216, 16-17=-9/301	,			
WEBS 7-18	=0/343, 8-17=-320/60,	1-22=0/762, 2-22=-704/0, 2-21=0	/342, 4-21=-347/0,				
5-19	=-627/0, 7-17=-1211/0	, 8-16=0/388, 9-16=-323/0, 10-13=	=-430/0, 11-13=0/393				
NOTES- (6-7) 1) Unbalanced floor li	ive loads have been co	onsidered for this design.					
2) All plates are 3x4 I 3) Refer to girder(s) fr	MT20 unless otherwise	e indicated.					
4) Recommend 2x6 s	strongbacks, on edge,	spaced at 10-0-0 oc and fastened	to each truss with 3-10d (0.1	31" X 3"	) nails. Strongbacks to	)	
5) CAUTION, Do not	erect truss backwards	r restrained by other means.					
<ol> <li>Graphical web brack the member must l</li> </ol>	cing representation do be braced.	es not depict the size, type or the	orientation of the brace on the	e web. S	ymbol only indicates th	at	
<ol> <li>Bearing symbols a design of the truss</li> </ol>	re only graphical repre	esentations of a possible bearing c	condition. Bearing symbols are	e not con	sidered in the structura		
	dord	labatoa.				WINNINGTH CAROLINI	
LUAD CASE(S) Stan	luaru					DOFESSION STILL	
					1111	SEAL	
					huut	28147	
					1111	No. al I	
						ARE NOINEER OR SUIT	
						Man K. MORINA	
						12/21/2024	



REACTIONS. (lb/size) 6=50/1-11-14 (min. 0-1-8), 4=5/1-11-14 (min. 0-1-8), 5=130/1-11-14 (min. 0-1-8)

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

NOTES- (6-7)

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

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

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

5) CAUTION, Do not erect truss backwards.

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

LOAD CASE(S) Standard



Job	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL RI	DGE   231 ALDEN WAY ANGIER, NC
24-B592-F02	F205	Floor	3	1	lah Dafanana (antianal	# 55565
			Run: 8.630 s Jul	12 2024 Pri	Job Reference (optional nt: 8.630 s Jul 12 2024 MiTek	) Industries, Inc. Sat Dec 21 20:30:13 2024 Page 1
0-1-8 H├─ <del>1-3-0</del> ─┤			₽ <u>-5-15</u> 2-0-0	<u>  <sup>1-1-3</sup> −</u>	YGKHFINY YIOVI-2RQKZIN	<u>P-8-12</u> Scale = 1:35.6
1.5x3 = $1$ $27$ $27$ $27$ $26$ $25$	2 3 1 2 24	1.5x3    4 5 1 3x8 = 3x8 FP =	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	3 5 19 5x3    3x	3x6 = 3x8 FP = 0 10 11 B2 + 0 10 B2 + 0 10 B3	3x6 = 12 $12$ $13$ $5$ $16$ $15$ $14$
<u>1-6-0</u> 1-6-0 Plate Offsets (X,Y) [8:6	4-0-0 2-6-0 )-1-8,Edge], [20:0-1-8,Edge	9-1-8 5-1-8 ], [26:Edge,0-1-8]	11-11-15 13 -10-7 10-11-15 12-11-15 8-15 0-1-81-0-0 1-0-00	8-1-7 14-2-10 13-8-1 14 1-8 0-6-10 0-6-9 0-	0 4-215-8-10 1-4-8 1-8 2-6-0	20-8-10 2-6-0 2-6-0 2-6-0
LOADING (psf)           TCLL         40.0           TCDL         10.0           BCLL         0.0           BCDL         5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI.           TC         0.77           BC         0.76           WB         0.40           Matrix-SH	DEFL. ii Vert(LL) -0.2: Vert(CT) -0.3: Horz(CT) 0.0:	n (loc) 8 20-21 8 20-21 3 14	I/defl L/d >620 480 >452 360 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 112 lb         FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP N T1: 2x4 S BOT CHORD 2x4 SP N B2: 2x4 S WEBS 2x4 SP N	p.1(flat) *Except* P SS(flat) p.1(flat) *Except* P SS(flat) p.3(flat)		BRACING- TOP CHORD BOT CHORD	Structur end vert Rigid ce 6-0-0 oc	ral wood sheathing directicals. eiling directly applied or bracing: 17-18.	ctly applied or 6-0-0 oc purlins, except 10-0-0 oc bracing, Except:
REACTIONS. (Ib/size) Max Grav	26=606/0-3-6 (min. 0-1-8) 26=613(LC 3), 14=296(LC	, 14=290/Mechanical, 18=985/ 4), 18=985(LC 1)	0-3-0 (min. 0-1-8)			
FORCES.         (lb) - Max. Co           TOP CHORD         26-27=-4           4-5=-20:         80T CHORD           BOT CHORD         24-25=0           18+19=0         90           WEBS         7-20=0/4           3-24=-3:         12-15=-3	omp./Max. Ten All forces : 508/0, 1-27=-607/0, 13-14= 58/0, 5-6=-1934/0, 6-7=-105 /1313, 23-24=0/1943, 22-22 /1058, 16-17=0/463, 15-16 592, 8-19=0/408, 9-18=-332 39/0, 6-21=0/478, 6-20=-11 334/0, 13-15=0/298	250 (lb) or less except when sh -296/0, 1-2=-699/0, 2-3=-1644/ 58/0, 7-8=-1058/0, 11-12=-463/ 3=0/2091, 21-22=0/2091, 20-2 =0/446 /34, 1-25=0/846, 2-25=-799/0, 35/0, 8-18=-1573/0, 9-17=0/48	nown. /0, 3-4=-2058/0, /0 1=0/1581, 19-20=0/105 2-24=0/431, .8, 11-17=-371/0,	58,		
NOTES- (6-7) 1) Unbalanced floor live 2) All plates are 3x4 MT2 3) Refer to girder(s) for ti 4) Recommend 2x6 stron be attached to walls a 5) CAUTION, Do not ere 6) Graphical web bracing the member must be b 7) Bearing symbols are of design of the truss to	loads have been considered 20 unless otherwise indicate russ to truss connections. ngbacks, on edge, spaced at their outer ends or restrain ct truss backwards. g representation does not de praced. only graphical representatio support the loads indicated	d for this design. d. at 10-0-0 oc and fastened to ea led by other means. epict the size, type or the orient ns of a possible bearing conditi	ach truss with 3-10d (0 tation of the brace on tl ion. Bearing symbols a	.131" X 3" ne web. S <u>y</u> re not con	) nails. Strongbacks to ymbol only indicates that isidered in the structura	at
LOAD CASE(S) Standar	d				""	SEAL 28147

12/21/2024

Job	Truss	Truss Type	Qty	y  F	Ply	LOT 0.0017 CAMPBEL	L RIDGE   231 ALDEN W	AY ANGIER, NC
24-B592-F02	F205A	Floor	1		1	Joh Reference (optic	onal)	# 55565
			Run: 8.630 ID:qUCksxz	s Jul 12 zC6J7H	2024 Print T2vGkHF	:: 8.630 s Jul 12 2024 M INYviOvf-We 6Aiml	iTek Industries, Inc. Sat NAM?ncADmEwk1Nv	Dec 21 20:30:14 2024 Page 1 (1IDHvM2uomFxKHsv6eiN
0-1-8 H <b>├──<sup>1-3-0─</sup></b> ┤		<u>1-2-11</u>   <u>2-0-0</u>	1-2-15	⊣	0 <sub>1</sub> 0-9-0 <sub>1</sub>			<u>0-8-12</u> Scale = 1:35.6
1.5x3 = 1 $27B$ $27B$ $27$ $27$ $27$ $27$ $27$ $27$ $27$ $27$	2 3 B1 8 24 23 = 3x8	4 T1 5 W3 9 3 22 21 2 FP= 1.5x3    1.5	3 w2 0 19 x3	x6 = 6 6 18 6x8 =	6x8 = 33 $7 8$ $B2$ $B2$ $T7$ $T7$ $T7$ $T7$ $T7$ $T7$ $T7$ $T7$	k6 = 3k8 FP = 9	10 T2 1 2 2 15	3x6 = 1 12 1 12 14 13
	7-10-3 7-10-3	9-1 <u>8-10-3</u> <u>9-10-3</u> <u>1-0-0</u> <u>1-0-0</u> <u>1-0-0</u> <u>1-0-0</u>	1-11 12 11-2-11 12-5-101 1-8 1-2-15 1-2-15 0	2-7-123-5- 2-8-10 )-1-80-9-( 0-1-8	10 14-4 <u>14-2-10</u> 0 0-9-0 0-1-	-2	<u>21-8-6</u> 7-4-4	
LOADING (psf)           TCLL         40.0           TCDL         10.0           BCLL         0.0           BCDL         5.0	Image: Height of the system       Image: Height of the system         SPACING-       1-7-         Plate Grip DOL       1.0         Lumber DOL       1.0         Rep Stress Incr       No         Code IRC2021/TPI201       Image: Height of the system	CSI.           CSI.	DEFL. Vert(LL) Vert(CT) Horz(CT)	in -0.18 2 -0.24 2 0.03	(loc)	/defl L/d 958 480 723 360 n/a n/a	<b>PLATES</b> MT20 Weight: 113 I	<b>GRIP</b> 244/190 b FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF W5,W	2 No.1(flat) 2 No.1(flat) 2 No.3(flat) *Except* 4: 2x4 SP No.2(flat)		BRACING- TOP CHOR BOT CHOR		Structura end vertio Rigid ceil	l wood sheathing c cals. ing directly applied	lirectly applied or 6- l or 6-0-0 oc bracinç	0-0 oc purlins, except I.
<b>REACTIONS.</b> (Ib/size Max U Max G	e) 26=624/0-3-6 (min. 0-1-8  plift13=-202(LC 3)  rav 26=631(LC 3), 13=82(LC -	), 13=15/Mechanical, 17=2522/ 4), 17=2522(LC 1)	0-5-8 (min. 0-1-8)					
FORCES.         (lb) - Max.           TOP CHORD         26-21           5-6=         5-6=           BOT CHORD         24-21           18-19         18-19           WEBS         6-18:           8-16:         5-19:	Comp./Max. Ten All forces 7=-628/0, 1-27=-627/0, 1-2=-7 1538/0, 6-7=-1058/0, 7-8=0/2 5=0/1349, 23-24=0/2067, 22-2 9=0/1058, 17-18=-691/0, 16-1 =-1777/0, 8-17=-710/0, 1-25=( =0/830, 10-16=-780/0, 10-15= =-732/0, 6-19=0/615, 7-18=0/2	250 (lb) or less except when sh 21/0, 2-3=-1715/0, 3-4=-2139/0 075, 8-9=0/1522, 9-10=0/1522, 3=0/2067, 21-22=0/2096, 20-2 7=-2075/0, 15-16=-1127/0, 14-1 /873, 2-25=-818/0, 2-24=0/476 0/462, 11-15=-427/0, 11-14=-2/ 339, 7-17=-2377/0	nown. 10-11=0/775 1=0/2096, 19-20=0 15=-450/15 , 3-24=-458/0, 358, 12-14=-276/2	)/2096, :1,				
<ul> <li>NOTES- (8-9)</li> <li>1) Unbalanced floor li</li> <li>2) All plates are 3x4 M</li> <li>3) Refer to girder(s) fd</li> <li>4) Provide mechanica</li> <li>5) Load case(s) 1, 2, the intended use o</li> <li>6) Recommend 2x6 s be attached to wall</li> <li>7) CAUTION, Do not</li> <li>8) Graphical web braa the member must t</li> <li>9) Bearing symbols a design of the truss</li> <li>LOAD CASE(S) Stan</li> <li>1) Dead + Floor Live Uniform Loads (olf</li> </ul>	ve loads have been considere AT20 unless otherwise indicat or truss to truss connections. al connection (by others) of tru 3, 4, 5, 6, 7, 8, 9, 10 has/have f this truss. trongbacks, on edge, spaced s at their outer ends or restrai erect truss backwards. cing representation does not do be braced. re only graphical representation to support the loads indicated dard (balanced): Lumber Increase=	d for this design. ed. ss to bearing plate capable of w been modified. Building design at 10-0-0 oc and fastened to ea ned by other means. epict the size, type or the orien ins of a possible bearing condit 1.00, Plate Increase=1.00	vithstanding 202 lb her must review loa ach truss with 3-10 tation of the brace ion. Bearing symbo	uplift a ads to v od (0.13 on the ols are	at joint 13 rerify that 31" X 3") web. Syr not cons	3. they are correct fo nails. Strongback mbol only indicates idered in the struc	or s to s that turn ProFESS SEAL 2814	R. A.
Concentrated Load Vert: 6=-12 Continued on page 2							ARK K. N	ORAS INTERNET
							12/21	/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL RIDGE   231 ALDE	EN WAY ANGIER, NC
24-B592-F02	F205A	Floor	1	1	Job Reference (optional)	# 55565
		Pup: 1	630 c lul 1	2 2024 Drir	t: 8 630 c Jul 12 2024 MiTok Industrios Inc.	Sat Dec 21 20:30:14 2024 Page 2

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 Mi Lek Industries, Inc. Sat Dec 21 20:30:14 2024 Page 2 ID:gUCksxzC6J7HT2yGkHFINYyiOvf-We\_6AjmNAM?ncADmEwk1Nvx1IDHyM2uomFxKHsy6ejN

LOAD CASE(S) Standard 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-26=-8, 1-12=-80 Concentrated Loads (lb) Vert: 6=-1280 3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-26=-8, 1-8=-80, 8-12=-16 Concentrated Loads (lb) Vert: 6=-1280 4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-26=-8, 1-8=-16, 8-12=-80 Concentrated Loads (lb) Vert: 6=-1280 5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-26=-8, 1-8=-80, 8-12=-16 Concentrated Loads (lb) Vert: 6=-1280 6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-26=-8, 1-8=-16, 8-12=-80 Concentrated Loads (lb) Vert: 6=-1280 7) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-26=-8, 1-5=-80, 5-8=-16, 8-12=-80 Concentrated Loads (lb) Vert: 6=-1280 8) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-26=-8, 1-4=-16, 4-12=-80 Concentrated Loads (lb) Vert: 6=-1280 9) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-26=-8, 1-5=-80, 5-8=-16, 8-12=-80 Concentrated Loads (lb) Vert: 6=-1280 10) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 13-26=-8, 1-4=-16, 4-12=-80 Concentrated Loads (lb) Vert: 6=-1280



Job	Truss	Truss Type	Qty Ply	LOT 0.0017 CAMPBEL	L RIDGE   231 ALDEN WAY ANGIER, NC	
24-B592-F02	F206	Floor	1	1	(mal) # 55565	
		1	Run: 8.630 s Jul 12 20 ID:gUCksxzC6J7HT2y	024 Print: 8.630 s Jul 12 2024 M GKHFINYyiOvf-We_6AjmN	iTek Industries, Inc. Sat Dec 21 20:30:14 2024 Page AM?ncADmEwk1Nvx_bDKDM70omFxKHsy6e	e 1 ejN
0-1-8			0-9-11			
⊣		<u>  1-2-11   2-0-0</u>	0-9-7 0-5-9		<u>0-7-4</u> Scale = 1:36	6.0
			3x8 =			
1.5x3 = 1	2 3	4 5	3x6 =	3x8 FP=	1.5x3      3x6 = 10 11 12 13	
			W5			
		W3 B1p	W4 W5 W6			1-2-
	25	24 22 22		19 17	16 15 14	L
27 26	25	24 23 22 1.5x3    1.5x3	21 20 19	3x8 FP=	3x8 =	
1-6-0	4-0-0 6-6-0	9-11-1 7-10-3 8-10-3 9-10-3 10	1 11-2-11 12-1-10 0-11-15 12-0-2 13-6-2	16-0-2	21-1-10 21-11-14	
Plate Offsets (X Y) [4	2-6-0 2-6-0 4-0-1-8 Edge] [5-0-1-8 Edge]	[20:0-3-0 Edge] [27:Edge 0-1-	1-0-40-2-12 0-1-8 1-4-8 	2-6-0	5-1-8 '0-10-4'	
	SPACING- 1-7-7		DEEL in (l	oc) l/defl l/d	PI ATES GRIP	
TCLL 40.0	Plate Grip DOL 1.00	TC 0.77 BC 0.72	Vert(LL) -0.17 23-	-24 >845 480	MT20 244/190	
BCLL 0.0	Rep Stress Incr NC	WB 0.33	Horz(CT) 0.02	14 n/a n/a	$W_{ciabt}$ 115 lb $FT = 200/F$ 110/F	-
		MatilX-SFI	PRACING		Weight. 115 15 FT - 2076F, 1176	-
TOP CHORD 2x4 SP	No.1(flat)		TOP CHORD Sti	ructural wood sheathing c	lirectly applied or 6-0-0 oc purlins, except	t
BOT CHORD 2x4 SP B2: 2x4	SS(flat) "Except" SP No.1(flat)		en BOT CHORD Rig	d verticals. gid ceiling directly applied	l or 10-0-0 oc bracing, Except:	
WEBS 2x4 SP	No.3(flat)		6-0	0-0 oc bracing: 20-21.		
REACTIONS. (Ib/size) Max Gr	) 27=502/0-3-6(min. 0-1-8) av 27=521(LC 3), 14=447(LC	14=434/0-3-8 (min. 0-1-8), 20= 7), 20=2251(LC 1)	=2251/0-3-8 (min. 0-1-8)			
FORCES. (Ib) - Max. (	Comp./Max. Ten All forces :	250 (lb) or less except when sho	own.			
TOP CHORD 27-28: 4-5=-1	=-519/0, 1-28=-518/0, 13-14= 180/0, 5-6=-366/248, 6-7=0/5	-448/0, 1-2=-577/0, 2-3=-1308/0 i19, 7-8=-624/0, 8-9=-1043/0, 9-	), 3-4=-1469/0, ·10=-1043/0,			
10-11= BOT CHORD 25-26=	=-956/0, 11-12=-956/0, 12-13 =0/1070, 24-25=0/1544, 23-24	=-268/0 I=0/1180, 22-23=0/1180, 21-22	=0/1180, 20-21=-473/0,			
19-20= WEBS 4-23=-	=0/392, 18-19=0/951, 17-18= -315/0 5-22=0/354 6-20=-45	0/951, 16-17=0/1107, 15-16=0/7 0/0_1-26=0/697_2-26=-642/0_2	'07 -25=0/310			
3-25=- 12-16:	-306/0, 4-24=0/445, 5-21=-10 =0/318 12-15=-571/0 13-15=	99/0, 6-21=0/614, 7-19=0/416, 8 0/467_7-20=-1877/0	3-19=-488/0,			
NOTES- (6-7)	-0,010, 12 10 - 07 1,0, 10 10-	0,401, 1-20101110				
1) Unbalanced floor live	e loads have been considered	d for this design.				
3) Load case(s) 1, 2, 3	, 4, 5, 6, 7, 8, 9, 10 has/have	ea. been modified. Building designe	er must review loads to ver	rify that they are correct fo	pr	
4) Recommend 2x6 str	this truss. ongbacks, on edge, spaced a	t 10-0-0 oc and fastened to ea	ch truss with 3-10d (0.131'	" X 3") nails. Strongbacks	s to	
5) CAUTION, Do not e	at their outer ends or restrair rect truss backwards.	ed by other means.				
<ol> <li>Graphical web braci the member must be</li> </ol>	ng representation does not de braced.	epict the size, type or the orienta	ation of the brace on the w	eb. Symbol only indicates	that	
<ol> <li>Bearing symbols are design of the truss to</li> </ol>	e only graphical representatio o support the loads indicated.	ns of a possible bearing condition	on. Bearing symbols are no	ot considered in the struct	ural WINTH CAROLINI	
LOAD CASE(S) Stand	ard				A CRESS ON A HIM	
1) Dead + Floor Live (k	alanced): Lumber Increase=	.00, Plate Increase=1.00			SEAL	
Vert: 14-27=	8, 1-13=-80				28147	
Vert: 7=-128	30 30	0			A NOINEER &	
	ase-1.00, riale increase=1.0	v			MARK MORPHUM	
Continued on page 2					12/21/2024	

Job	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL RIDGE   231 ALDE	EN WAY ANGIER, NC
24-B592-F02	F206	Floor	1	1	Job Reference (optional)	# 55565
		0		10 000 4 D	t 0.000 - bit 40.0004 Mit - bit - trating line	0-+ D 04 00 00 45 0004 D

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Dec 21 20:30:15 2024 Page 2 ID:gUCksxzC6J7HT2yGkHFINYyiOvf-\_qYVO3n?xf7dEKozodFGw6U9LcgS5aGy\_vhtply6ejM

LOAD CASE(S) Standard
Uniform Loads (plf)
Vert: 14-27=-8, 1-13=-80
Concentrated Loads (lb)
Vert: 7=-1280
3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-27=-8, 1-6=-80, 6-13=-16
Concentrated Loads (lb)
Vert: 7=-1280
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-27=-8, 1-6=-16, 6-13=-80
Concentrated Loads (lb)
Vert: 7=-1280
5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-27=-8, 1-6=-80, 6-13=-16
Concentrated Loads (Ib)
Vert: 7=-1280
6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-27=-8, 1-6=-16, 6-13=-80
Concentrated Loads (Ib)
Vert: 7=-1280
7) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (pit)
Vert: 14-2/=-8, 1-5=-80, 5-6=-16, 6-13=-80
Concentrated Loads (Ib)
Vert: /=-1280
8) 2nd chase Dead + Floor Live (unbalanced): Lumber increase=1.00, Plate increase=1.00
Uniform Loads (pii) $(2 - 2 - 2 - 2 - 4 - 4 - 4 - 4 - 2 - 2 - $
Vert: $14-27=-8$ , $1-4=-10$ , $4-13=-80$
Concentrated Loads (ib)
$V_{\text{EL}}$ , $I = 1200$
9) Sid Clase Dead. Lumber increase= 1.00, Flate increase= 1.00
Vert 1/27=-8 1-5=-80 5-6=-16 6-13=-80
Concentrated Loads (lb)
Vert 7=-1280
10) 4th chase Dead: Lumber Increase=1.00. Plate Increase=1.00
Uniform Loads (olf)
Vert: 14-27=-8. 1-4=-16. 4-13=-80
Concentrated Loads (Ib)
Vert: 7=-1280 ′



Job	Truss	Truss Type	Qty Ply	LOT 0.0017 CAMPBELL RI	DGE   231 ALDEN WAY ANGIER, NC
24-B592-F02	F206A	Floor	2	1	# 55565
			Run: 8.630 s Jul 12 2024 ID:gUCksxzC6J7HT	Print: 8.630 s Jul 12 2024 MiTek 2vGkHFINYviOvf- aYVO3n	/ Industries, Inc. Sat Dec 21 20:30:15 2024 Page 1 ?xf7dEKozodFGw6U9LcgS5aGv vhtplv6eiM
0-1-8 ⊢⊢ <u>1-3-0</u>		<u>-1-2-11</u> <u>2-0-0</u>	0-9-11	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0-7-4 Scale = 1:36.5
1.5x3 = 1	2 3 5 25	4 T1 5 B1 B1 24 23 22 1.5x3    1.5x3	3x8 = 3x6 = $6 \sqrt{5}$ 44 $46$ $4621$ 20 19 3x8 =	3x8 FP= 8 9 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	$1.5x3      1.5x3 = 11 \\ 11 \\ 12 \\ 12 \\ 16 \\ 15 \\ 14 \\ 3x8 = 10 \\ 15 \\ 16 \\ 3x8 = 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10 \\ 10$
<u>⊢ 1-6-0</u> 1-6-0 ⊢ Plate Offsets (X,Y) [4:0	<u>4-0-0 6-6-0</u> 2-6-0 2-6-0 -1-8,Edge], [5:0-1-8,Edge],	9-11-11 + 7-10-3 + 8-10-3 + 9-10-3 + 10-1 + 1-4-3 + 1-0-0 + 1-0-00-1-81-1 [13:0-1-8,Edge], [20:0-3-0,Edge]	11-2-11 12-1-10 1-15_12-0-21_13-6-2 0-40-2-12_01-8_1-4-8 0-9-7 ], [27:Edge,0-1-8]	<u>16-0-2</u> 2-6-0	21-1-10 5-1-8 0-10-4
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr NO Code IRC2021/TPI2014	<b>CSI.</b> TC 0.77 BC 0.72 WB 0.33 Matrix-SH	DEFL.         in         (loc)           Vert(LL)         -0.17         23-24           Vert(CT)         -0.24         23-24           Horz(CT)         0.02         14	l/defl L/d >845 480 >610 360 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 115 lb         FT = 20%F. 11%E
LUMBER- TOP CHORD 2x4 SP No BOT CHORD 2x4 SP SS B2: 2x4 SP WEBS 2x4 SP No	o.1(flat) 5(flat) *Except* ▷ No.1(flat) .3(flat)		BRACING- TOP CHORD Struct end v BOT CHORD Rigid 6-0-0	tural wood sheathing direct erticals. ceiling directly applied or oc bracing: 20-21.	ctly applied or 6-0-0 oc purlins, except 10-0-0 oc bracing, Except:
REACTIONS. (lb/size) Max Grav	27=502/0-3-6 (min. 0-1-8), 27=521(LC 3), 14=442(LC	14=429/0-3-8 (min. 0-1-8), 20= 7), 20=2251(LC 1)	2251/0-3-8 (min. 0-1-8)		
FORCES. (lb) - Max. Co TOP CHORD 27-285 3-4=-146 9-10=-10 BOT CHORD 25-26=0/ 19-20=0/ WEBS 4-23=-31 3-25=-30 12-16=0/	mp./Max. Ten All forces 2 (19/0, 1-28=-518/0, 14-29=- (9/0, 4-5=-1180/0, 5-6=-366 (43/0, 10-11=-956/0, 11-12= 1070, 24-25=0/1544, 23-24 (392, 18-19=0/951, 17-18=0 5/0, 5-22=0/354, 6-20=-450 (6/0, 4-24=0/445, 5-21=-109 (321, 12-15=-567/0, 13-15=1	50 (lb) or less except when sho 444/0, 13-29=-443/0, 1-2=-577/0 (248, 6-7=0/519, 7-8=-624/0, 8-9 =956/0, 12-13=-270/0 =0/1180, 22-23=0/1180, 21-22= (951, 16-17=0/1107, 15-16=0/70 /0, 1-26=0/697, 2-26=-642/0, 2- 9/0, 6-21=0/614, 7-19=0/416, 8 0/451, 7-20=-1877/0	wn. 0, 2-3=-1308/0, 9=-1043/0, 0/1180, 20-21=-472/0, 05 25=0/310, -19=-488/0,		
<ul> <li>NOTES- (6-7)</li> <li>1) Unbalanced floor live la</li> <li>2) All plates are 3x4 MT2</li> <li>3) Load case(s) 1, 2, 3, 4 the intended use of this</li> <li>4) Recommend 2x6 stron be attached to walls at</li> <li>5) CAUTION, Do not erect</li> <li>6) Graphical web bracing the member must be b</li> <li>7) Bearing symbols are o design of the truss to s</li> </ul>	bads have been considered 0 unless otherwise indicate , 5, 6, 7, 8, 9, 10 has/have b s truss. gbacks, on edge, spaced a their outer ends or restrained their outer ends or restrained their outer ends or restrained truss backwards. representation does not de raced. nly graphical representation upport the loads indicated.	for this design. d. een modified. Building designer a 10-0-0 oc and fastened to eac ad by other means. pict the size, type or the oriental s of a possible bearing condition	r must review loads to verify h truss with 3-10d (0.131" X ion of the brace on the web. h. Bearing symbols are not c	that they are correct for 3") nails. Strongbacks to Symbol only indicates tha onsidered in the structura	at TH CARO
LOAD CASE(S) Standard 1) Dead + Floor Live (bal- Uniform Loads (plf) Vert: 14-27=-8 Concentrated Loads (II Vert: 7=-1280 2) Dead: Lumber Increase	d anced): Lumber Increase=1 , 1-13=-80 b) e=1.00, Plate Increase=1.00	.00, Plate Increase=1.00			SEAL 28147
Continued on page 2					12/21/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL RIDGE   231 ALDE	EN WAY ANGIER, NC
24-B592-F02	F206A	Floor	2	1	Job Reference (optional)	# 55565
		-		10 000 4 D	to 0.000 a hal 40.0004 Mit als had satisfied had	0-4 D 04 00 00 45 0004 D (

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LOAD CASE(S) Standard
Uniform Loads (plf)
Vert: 14-27=-8, 1-13=-80
Concentrated Loads (Ib)
Vert: 7=-1280
3) 1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-27=-8, 1-6=-80, 6-13=-16
Concentrated Loads (Ib)
Vert: 7=-1280
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-27=-8, 1-6=-16, 6-13=-80
Concentrated Loads (Ib)
Vert: 7=-1280
5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-27=-8, 1-6=-80, 6-13=-16
Concentrated Loads (Ib)
Vert: 7=-1280
<ol><li>6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00</li></ol>
Uniform Loads (plf)
Vert: 14-27=-8, 1-6=-16, 6-13=-80
Concentrated Loads (Ib)
Vert: 7=-1280
7) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-27=-8, 1-5=-80, 5-6=-16, 6-13=-80
Concentrated Loads (Ib)
Vert: /=-1280
8) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 14-27=-8, 1-4=-16, 4-13=-80
Concentrated Loads (ib)
Vert: /=-1280
9) 3rd chase Dead: Lumber increase=1.00, Plate increase=1.00
Uniform Loads (pii) Vort $44.27 = 8.45 = 80.56 = 46.642 = 80.56$
Velt. 14-270, 1-300, 3-010, 0-1300
Vort 7- 1900
10) /th chose Dead: Lumber Increase=1.00. Plate Increase=1.00
Uniform Loads (nlf)
Vert: 14-27=-8 1-4=-16 4-13=-80
Concentrated Loads (lb)
Vert: 7=-1280



Job	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL RIDGE   231 ALDEN WAY ANGIER, NC
24-B592-F02	F207	Floor	5	1	# 55565
			Run: 8.630 s Jul	12 2024 Prin	JOD Reference (optional) it: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Dec 21 20:30:16 2024 Page
0.4.9			ID:gUCksxzC6	J/HT2yGk	HFINYyiOvf-S06tbPndizFUrUM9LKmVSK0Lw009q1O5DZQQLky6
1-3-0		1-2-11	2-0-0	0-9-7	0-5-9 0-9-11
H					Scale = 1:30
					1.5x3
1.5x3 =	3x8 FP=			3x6	= 3x8 = 1.5x3 =
1	$\frac{2}{11}$ $\frac{3}{11}$	4 5	6т	2 7	8 9 10 11
924					
			0	<u>-84  </u>	
23 22	21	20 19	18	17 🛛	16 15 14 13 1 <del>2</del>
		1.5x3	1.5x3	;	3x8 = 3x8 FP= 6x6
			9-11-11 11-2	2-11 12-1-	-10
<u>1-6-0</u> 1-6-0	<u>4-0-0</u> 2-6-0	5-6-0 7-10-3 8-10-3 2-6-0 1-4-3 1-0-0	<u>3 9-10-3 10-11-15</u> 1-0-0 0-1-8 1-0-3 0-2	<u>12-0-2</u> -13 0-1	<u>13-6-2</u> <u>16-0-2</u> <u>17-11-6</u> <u>18-2</u> -6 8 1-4-8 2-6-0 1-11-4 0-3-0
Plate Offsets (X,Y) [5:0	-1-8.Edge]. [6:0-1-8.Edge].	[16:0-3-0.Edge], [23:Edge.0-1-8	31	0-9-7	
		001		(1)	
TCLL 40.0	Plate Grip DOL 1.00	TC 0.72	Vert(LL) -0.17	(IOC) 1 19-20 >	>877 480 MT20 244/190
TCDL 10.0	Lumber DOL 1.00	BC 0.69	Vert(CT) -0.23	19-20	>636 360
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH	H012(C1) 0.02	12	Weight: 95 lb FT = 20%F, 11%E
LUMBER-			BRACING-		
TOP CHORD 2x4 SP No	o.1(flat)		TOP CHORD	Structura	al wood sheathing directly applied or 6-0-0 oc purlins, except
BOT CHORD 2x4 SP SS B2: 2x4 SF	S(flat) *Except* P No.1(flat)		BOT CHORD	end verti Rigid cei	icals. iling directly applied or 10-0-0 oc bracing. Except:
WEBS 2x4 SP No	p.3(flat)			6-0-0 oc	bracing: 16-17.
REACTIONS. (lb/size)	23=527/0-3-6 (min. 0-1-8),	12=322/0-3-8 (min. 0-1-8), 16=	=1999/0-3-8 (min. 0-1-	8)	
Max Grav	23=532(LC 3), 12=347(LC	7), 16=1999(LC 1)	,	,	
FORCES. (Ib) - Max. Cor	mp./Max. Ten All forces 2	50 (lb) or less except when sho	wn.		
TOP CHORD 23-24=-5	29/0, 1-24=-528/0, 1-2=-59	0/0, 2-3=-1347/0, 3-4=-1347/0,	4-5=-1532/0,		
BOT CHORD 21-22=0/	1096, 20-21=0/1593, 19-20	=0/1266, 18-19=0/1266, 17-18=	=0/1266, 15-16=0/615,		
WEBS 5-19=-28	687, 13-14=0/687, 12-13=0 4/0_6-18=0/322_7-16=-447	/275 //0 1-22=0/713 2-22=-659/0 2:	-21=0/326		
4-21=-32	0/0, 5-20=0/371, 6-17=-102	3/0, 7-17=0/582, 9-13=-250/0,	10-13=0/286,		
10-12=-4	49/0, 8-16=-1618/0				
<b>NOTES-</b> (6-7)		e			
2) All plates are 3x4 MT2	oads nave been considered 0 unless otherwise indicate	tor this design. d.			
3) Load case(s) 1, 2, 3, 4	, 5, 6, 7, 8, 9, 10 has/have b	een modified. Building designe	er must review loads to	verify tha	it they are correct for
4) Recommend 2x6 stron	gbacks, on edge, spaced a	t 10-0-0 oc and fastened to eac	ch truss with 3-10d (0.	131" X 3")	nails. Strongbacks to
be attached to walls at	their outer ends or restraine	ed by other means.			
6) Graphical web bracing	representation does not de	pict the size, type or the orienta	tion of the brace on th	e web. Sy	mbol only indicates that
the member must be b 7) Bearing symbols are of	raced. nly graphical representation	s of a possible bearing conditio	n Bearing symbols ar	e not con	sidered in the structural
design of the truss to s	upport the loads indicated.	e el a peccisio sealling conalito			WHINATH CARO
LOAD CASE(S) Standard	ł				OFESSION
1) Dead + Floor Live (bala	anced): Lumber Increase=1	.00, Plate Increase=1.00			and the second
Uniform Loads (plf) Vert: 12-23=-8.	, 1-11=-80				SEAL
Concentrated Loads (It	o)				2014/
2) Dead: Lumber Increase	e=1.00, Plate Increase=1.00	)			A Maner I
Uniform Loads (plf) Vert· 12-23=-8	1-11=-80				ARCARE
von. 12 20-0,	,				The A. MOUNT
Continued on page 2					12/21/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL RIDGE   231 ALDE	EN WAY ANGIER, NC
24-B592-F02	F207	Floor	5	1	Job Reference (optional)	# 55565
		Due	9 620 a Jul 2	12 2024 Drin	at: 9 620 a Jul 12 2024 MiTok Industrias Inc.	Set Dec 21 20:20:16 2024 Decc 2

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Dec 21 20:30:16 2024 Page 2 ID:gUCksxzC6J7HT2yGkHFINYyiOvf-S06tbPndizFUrUM9LKmVSK0Lw009q105DZQQLky6ejL

LOAD CASE(S) Standard Concentrated Loads (Ib)
Vert: 8=-1280
<ol> <li>1st Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf)</li> </ol>
Vert: 12-23=-8, 1-7=-80, 7-11=-16
Concentrated Loads (lb)
Vert: 8=-1280
4) 2nd Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf) Vert: 12-23=-8, 1-7=-16, 7-11=-80
Concentrated Loads (Ib)
Vert: 8=-1280
5) 3rd unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-23=-8, 1-7=-80, 7-11=-16
Concentrated Loads (lb)
Vert: 8=-1280
6) 4th unbalanced Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-23=-8, 1-7=-16, 7-11=-80
Concentrated Loads (ID)
Veril: 8=-1280
Liniform Loado (nft)
Vert: 12-23=-8 1-6=-80 6-7=-16 7-11=-80
Concentrated Loads (lb)
Vart 8=-1280
8) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00. Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-23=-8 1-5=-16 5-11=-80
Concentrated Loads (lb)
Vert: 8=-1280
9) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-23=-8, 1-6=-80, 6-7=-16, 7-11=-80
Concentrated Loads (Ib)
Vert: 8=-1280
10) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00
Uniform Loads (plf)
Vert: 12-23=-8, 1-5=-16, 5-11=-80
Concentrated Loads (lb)
Vert: 8=-1280



Job	Truss	Truss Type		Qty	Ply	LOT 0.0017 CAMPBELL RIDGE	231 ALDEN WAY AN	GIER, NC
24-B592-F02	F208	Floor Supported Gable		1	1	Job Reference (optional)	#	55565
0 <sub>[1]</sub> 8			Run: 8.6 ID:gU0	330 s Jul 1 CksxzC6J	2 2024 Print 7HT2yGkl	: 8.630 s Jul 12 2024 MiTek Indi HFINYyiOvf-wDgFoloFSHNI	ustries, Inc. Sat Dec 21 _TexLv2Hk?XZgtQW	20:30:17 2024 Page 1 0ZZTESDA_tBy6ejk
								Scale = 1:19.9
			3v4 —					3x4
	3	4 5	5 <sup>5</sup> <sup>5</sup> <sup>6</sup> <sup>7</sup> <sup>1</sup>		7	8	9	10 
21	•	•			e e	•	•	
s <del>11</del> -2-0	ST1 ST1	ST1	ST1 VV2 ST1		ST1	ST1	ST1	W1 0-6-1
			В1					
				$\times\!\!\times\!\!\times$	$\times$	×××××××××××××××××××××××××××××××××××××××	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	
20 1	9 18	17	16 15		14	13	12	11
3x4			3x4 =					3x4

			12-3-6		
Plate Offsets (X,Y)	[5:0-1-8,Edge], [15:0-1-8,Edge], [20:E	dge,0-1-8]			
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	<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	n (loc) l/defi L/d a - n/a 999 a - n/a 999 ) 11 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 55 lb         FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF OTHERS 2x4 SF	<sup>9</sup> No.1(flat) <sup>9</sup> No.1(flat) <sup>9</sup> No.3(flat) <sup>9</sup> No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing of end verticals. Rigid ceiling directly applied	directly applied or 6-0-0 oc purlins, except d or 10-0-0 oc bracing.

12-3-6

#### **REACTIONS.** All bearings 12-3-6.

(lb) - 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- (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 0.0017 CAMPBELL RIDGE   231 ALDEN WAY ANGIER, NC
24-B592-F02	F209	Floor Supported Gable	1	1	Job Reference (optional) # 55565

Run: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Dec 21 20:30:17 2024 Page 1 ID:gUCksxzC6J7HT2yGkHFINYyiOvf-wDgFoIoFSHNLTexLv2Hk?XZh7QW1ZZXESDA\_tBy6ejK

Scale = 1:23.2



				14-3-0		
Plate (	Offsets (X,Y)	[1:Edge,0-1-8], [6:0-1-8,Edge], [18:0-	1-8,Edge], [24:Edge,0-1-8	8]		
LOAD TCLL TCDL BCLL BCDL	NG (psf) 40.0 10.0 0.0 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	<b>CSI.</b> TC 0.05 BC 0.01 WB 0.03 Matrix-SH	<b>DEFL.</b> in Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	(loc) I/defl L/d - n/a 999 - n/a 999 17 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 64 lb         FT = 20%F, 11%E
LUMB TOP C BOT C WEBS	ER- HORD 2x4 SP HORD 2x4 SP 2x4 SP	No.1(flat) No.1(flat) No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing o end verticals. Rigid ceiling directly applied	tirectly applied or 10-0-0 oc purlins, except

OTHERS 2x4 SP No.3(flat)

#### **REACTIONS.** All bearings 14-3-0.

(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. (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







ob	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL	RIDGE   231 ALDEN W	AY ANGIER, NC
4-B592-F02	F212	FLOOR SUPPORTED GABL	1	1	lob Reference (option	nal)	# 55565
0-1-8		L Ru ID	In: 8.630 s Jul 1 :gUCksxzC6J	12 2024 Pri 7HT2yGk	HEIRE AGUE AUTOR (DATA) HEINYyiOvf-wDgFoloF	Tek Industries, Inc. Sat E SHNLTexLv2Hk?XZh	Dec 21 20:30:17 2024 Page 1 IGQW2ZZcESDA_tBy6ejK Scale = 1:38.1
	3 4 T1 ST1 ST1 ST1 SX1 SX1 SX1	3x8 FP= 3x4 = 6 7 8 9 10 11 8 1 ST1 ST1 ST1 W2 ST1 B1 8 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	= 12 ST1 SX1 XXXXXX	13 ST1 R	14 <u>T2</u> ST1 ST1 XXXXXXXXXXXX	16 17 ST1 ST1 S	3x4    18 19 20 ■ ■ ■ ■ ■ ST1 ST1 W1 ■ ■ ■ ■ ■
40 39 3×4 II	38 37 36	35 34 33 32 31 3×4	30 29 3v8 I	28 = D —	27 26	25 24	23 22 21 3×4 II
L		23-3-4					
Plate Offsets (X,Y)	[11:0-1-8,Edge], [32:0-1-8,Edg	e], [40:Edge,0-1-8]					
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-4-0 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	CSI.DEFTC0.04VertBC0.00VertWB0.02HorzMatrix-SHVert	i <b>L.</b> in (LL) n/a (CT) n/a z(CT) 0.00	(loc) - 21	l/defl L/d n/a 999 n/a 999 n/a n/a	<b>PLATES</b> MT20 Weight: 100 lb	<b>GRIP</b> 244/190 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP	2 No.1(flat) 2 No.1(flat) 2 No.3(flat) 2 No.3(flat)	BRA TOP BOT	CHORD	Structur end ver Rigid ce	ral wood sheathing di ticals. eiling directly applied	irectly applied or 6-0 or 10-0-0 oc bracing	)-0 oc purlins, except g.
<b>REACTIONS.</b> All be (lb) - Max G	earings 23-3-4. rav All reactions 250 lb or les 24, 23, 22	s at joint(s) 40, 21, 39, 38, 37, 36, 35, 34,	33, 32, 31, 3	0, 28, 27	7, 26, 25,		

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

# NOTES- (7-8)

=

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

2) Gable requires continuous bottom chord bearing.

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

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

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

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





vertically. Applicability of design parameters and read notes before use. This design is based only upon parameters shown, and is for an individual obliding component to be instance and loaded of individual web members only. Additional permanents and proper incorporation of component is responsibility of building designer – not russ engineer. Bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 National Design Standard for Metal Plate Connected Wood Trusse Construction and BCSI 1-03 Guide to Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL RIDGE   231 ALDEN W.	AY ANGIER, NC
24-B592-F02	F213	Floor	4	1	Job Reference (optional)	# 55565
		Run: 8	.630 s Jul 1	2 2024 Prir	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat [	Dec 21 20:30:18 2024 Page 2

In: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 Mi Lek Industries, Inc. Sat Dec 21 20:30:18 2024 Page 2 ID:gUCksxzC6J7HT2yGkHFINYyiOvf-OPEd05ptDaVC5oWXTlpzYl6mqqkflphOgtvXQdy6ejJ

LOAD CASE(S) Standard 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 18-34=-5, 1-17=-50 Concentrated Loads (lb) Vert: 10=-1000 3) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 18-34=-5, 1-9=-50, 9-17=-10 Concentrated Loads (lb) Vert: 10=-1000 4) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 18-34=-5, 1-8=-10, 8-17=-50 Concentrated Loads (lb) Vert: 10=-1000 5) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 18-34=-5, 1-9=-50, 9-17=-10 Concentrated Loads (lb) Vert: 10=-1000 6) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 18-34=-5, 1-8=-10, 8-17=-50 Concentrated Loads (lb) Vert: 10=-1000





Vertically. Applicability of design parameters and proper incorporation of component is responsibility of building designer – not truss designer or truss engineer. Bracing shown is tor lateral support of individual web members only. Additional temporary bracing to ensure stability during construction is the responsibility of the erector. Additional permanent bracing of the overall structure is the responsibility of the building designer. For general guidance regarding fabrication, quality control, storage, delivery, erection and bracing, consult ANSI/TPI 1 *National Design Standard for Metal Plate Connected Wood Truss Construction* and BCSI 1-03 Guide to *Good Practice for Handling, Installing & Bracing of Metal Plate Connected Wood Trusses* from Truss Plate Institute, 583 D'Onofrio Drive, Madison, WI 53719.

Job	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL RIDGE   231 ALDE	EN WAY ANGIER, NC
24-B592-F02	F214	Floor	7	1	Job Reference (optional)	# 55565
		Dup: 9	620 a Jul 1	2 2024 Drin	at: 9 620 a Jul 12 2024 MiTok Industrias Inc.	Set Dec 21 20:20:10 2024 Decc 2

In: 8.630 s Jul 12 2024 Print: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Dec 21 20:30:19 2024 Page 2 ID:gUCksxzC6J7HT2yGkHFINYyiOvf-sbn?DRqV\_ud3iy5k1TKC4yexdE?21GvXvXf5y3y6ejI

LOAD CASE(S) Standard Concentrated Loads (lb) Vert: 10=-1000 2) Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 18-34=-5, 1-17=-50 Concentrated Loads (lb) Vert: 10=-1000 3) 1st chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 18-34=-5, 1-9=-50, 9-17=-10 Concentrated Loads (lb) Vert: 10=-1000 4) 2nd chase Dead + Floor Live (unbalanced): Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 18-34=-5, 1-8=-10, 8-17=-50 Concentrated Loads (lb) Vert: 10=-1000 5) 3rd chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 18-34=-5, 1-9=-50, 9-17=-10 Concentrated Loads (lb) Vert: 10=-1000 6) 4th chase Dead: Lumber Increase=1.00, Plate Increase=1.00 Uniform Loads (plf) Vert: 18-34=-5, 1-8=-10, 8-17=-50 Concentrated Loads (lb) Vert: 10=-1000



Job	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL F	IDGE   231 ALDEN W	AY ANGIER, NC	
24-B592-F02	F214A	Floor	4	1	lah Dafanana (antiana	N.	# 5550	65
			Run: 8.630 s Jul	12 2024 Prin	t: 8.630 s Jul 12 2024 MiTe	ll) k Industries, Inc. Sat Bal ( ud2ivEk1TKC	Dec 21 20:30:19 2	2024 Page 1
0-1-8			ID.gooks/	200371112		NQV_UUSIYSKTTKC	AVESILEON NEX	vxi3y3y0eji
∦	1-3-0	ł	2-0-0				<u>1-1-3</u>	
							Sca	ale = 1:38.4
4x6 =		3x4 =						
1.5x3 =	1.5x3    3x4 =	= 3x8 FP= 3x4	= $3x4 =$	3x4 9	= 1.5x3    3x4 =	12	4x6 =	=
			, R	T2 E				
-7,288₩ -7,288₩		B2 6			,			-8 1-2-(
			Letter L	v				ر <del>د</del> ا
27 26	25	24 23 22 21	1 20 19 3	9 18 x8 MT20H5	17 S FP=	16	15 14	
6x8	= 6x8 =	3x8 M120HS FP=	Ŭ	x0 11120110	6x8 =	5x6	6x6 =	
	10-7-11		11-7-11 12-7-11		22-11-14			
Plate Offsets (X,Y)	[1:Edge,0-1-8], [7:0-1-8,Edg	e], [8:0-1-8,Edge], [20:0-3-0,0-0-0	0]		10-4-5			
LOADING (psf)	SPACING- 1-	7-3 <b>CSI</b> .	DEFL. in	(loc) l	/defl L/d	PLATES	GRIP	
TCLL 40.0 TCDL 10.0	Plate Grip DOL 1 Lumber DOL 1	00 TC 0.76 00 BC 0.40	Vert(LL) -0.50 Vert(CT) -0.68	20-21 >	•548 480 •399 360	MT20 MT20HS	244/190 187/143	
BCLL 0.0 BCDI 5.0	Rep Stress Incr Y Code IRC2021/TPI20	ES WB 0.76 Matrix-SH	Horz(CT) 0.05	14	n/a n/a	Weight <sup>.</sup> 147 I	b FT = 20%	F 11%F
			PRACINC					,
TOP CHORD 2x4 SF	No.1(flat)		TOP CHORD	Structura	al wood sheathing dire	ectly applied or 4-	5-11 oc purlin:	s, except
BOT CHORD 2x4 SF WEBS 2x4 SF	² SS(flat) ² No.3(flat)		BOT CHORD	end verti Rigid cei	cals. ling directly applied o	r 10-0-0 oc bracin	ıg.	
REACTIONS. (Ib/size	e) 27=995/0-3-6 (min 0-1-	8) 14=1000/Mechanical		Ū	0 7 11		•	
	Comp (May Tan All force	e 250 (lb) or less event when sh						
TOP CHORD 27-28	3=-978/0, 1-28=-977/0, 13-1	4=-984/0, 1-2=-1379/0, 2-3=-336	6/0, 3-4=-3366/0,					
4-5=- 10-11	4723/0, 5-6=-4723/0, 6-7=-5 I=-4584/0, 11-12=-3122/0, 1	6476/0, 7-8=-5728/0, 8-9=-5411/0 2-13=-1131/0	), 9-10=-4584/0,					
BOT CHORD 25-26 19-20	6=0/2500, 24-25=0/4178, 23 =0/5728	-24=0/5235, 22-23=0/5235, 21-2 -18=0/5131 16-17=0/3948 15-1	2=0/5728, 20-21=0/5728 6=0/2272	В,				
WEBS 7-21=	-259/279, 8-20=-234/305, 7	-22=-675/158, 6-22=0/437, 6-24=	=-651/0, 4-24=0/691,					
4-25- 9-17=	1013/0, 2-23-0/1081, 2-20	=-1049/0, 12-16=0/1079, 12-15=	-1450/0, 13-15=0/1448					
NOTES- (7-8)								
1) Unbalanced floor li 2) All plates are MT20	ve loads have been conside ) plates unless otherwise inc	red for this design. licated						
3) All plates are 3x6 M	AT20 unless otherwise indic	ated.						
5) Required 2x6 stron	gbacks, on edge, spaced at	10-0-0 oc and fastened to each	truss with 3-10d (0.131'	" X 3") nail	ls. Strongbacks to be			
attached to walls at 6) CAUTION, Do not (	t their outer ends or restrain erect truss backwards.	ed by other means.						
7) Graphical web brac	cing representation does not	depict the size, type or the orien	tation of the brace on th	e web. Sy	mbol only indicates th	at		
8) Bearing symbols a	e only graphical representa	ions of a possible bearing condit	ion. Bearing symbols ar	e not cons	sidered in the structur	al	tu.,	
design of the truss	to support the loads indicate	ed.				WHINTH CA	ROUT	
LOAD CASE(S) Stand	dard					NI OFESS	PN Ng 12	
					ALL NO.	1 and 1	- Kin	
						281A	, ,	
					11111			
					-	A SNOINE	ER S JUN	
						MARK K. N	AORHANNIN .	

12/21/2024

Job	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL RIDGE   231 ALDEN WAY ANGIER, NC
24-B592-F02	F215	FLOOR GIRDER	1	2	In Reference (optional) # 55565
L	I	1	Run: 8.630 s Ju	12 2024 Prin	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc. Sat Dec 21 20:30:20 2024 Page HEINY//Oxf.Kol ORp.org/ICluk/SowaArPdAR3PdN/2mpEk8POol NA/6/
0-1-8			ID.gockszco.	IIII ZYGKI	
H <b>1-4-11</b>	1-3-0	L	2-0-0		1-5-7
111 1	I	I	I		Scale = 1:38
					THA422
1.5x3 =	1.5x3	3x8 FP=	SHOP SHOP		E (2) SDW SCREWS AT JOINT 11 $4x_6 =$
1	2 3 4	5 6 7	<sup>8</sup> SHOP	TO PLACE	E(1) SDW SCREW EVERY 24 ALONG TOP CHORD E(2) SDW SCREWS AT JOINT 16
27			SHOP-	TO PLACE	
		B1 B1 B		<u>x</u>	
× ×	04	00 00 01		10 10	
26 25 4x4	- 3x8 -	23 22 21	20 21 15x3	19 18 3x12 MT201	17 $16$ $15$ $14HS EP  3y_6 - 4y_6 - 3y_6 -$
+*+	_ 5x0 _	1.04	1.570	5712101201	1011 - 0.0 - 4.0 - 0.0 -
L	10-7-11		11-7-11 <sub>1</sub> 12-7-11 <sub>1</sub>		19-4-2 23-3-6
Plate Offsets (X.Y)	10-7-11 [7:0-1-8.Edae]. [8:0-1-8.Edae]	1. [26:Edge.0-1-8]	1-0-0 1-0-0		6-8-7 3-11-4
			DEEL	- (lee)	
TCLL 40.0	Plate Grip DOL 1.0	0 TC 0.62	Vert(LL) -0.4	n (loc) 5 20 :	>614 480 MT20 244/190
TCDL 10.0 BCU 0.0	Lumber DOL 1.0 Rep Stress Incr N	0 BC 0.76 0 WB 0.60	Vert(CT) -0.6 Horz(CT) 0.0	2 19-20 8 14	>444 360 MT20HS 187/143
BCDL 5.0	Code IRC2021/TPI201	4 Matrix-SH		5 14	Weight: 236 lb FT = 20%F, 11%E
LUMBER-			BRACING-		
TOP CHORD 2x4 SF	P No.1(flat)		TOP CHORD	Structur	al wood sheathing directly applied or 6-0-0 oc purlins, except
BOT CHORD 224 3F B2: 2x4	4 SP No.1(flat)		BOT CHORD	Rigid ce	eiling directly applied or 10-0-0 oc bracing.
WEBS 2x4 SF	PNo.3(flat)				
REACTIONS. (Ib/size	e) 26=1173/0-3-6 (min. 0-1-	8), 14=1843/0-3-8 (min. 0-1-8)			
FORCES. (Ib) - Max.	Comp./Max. Ten All forces	250 (lb) or less except when sh	own.		
TOP CHORD 26-27 5-6=-	7=-1167/0, 1-27=-1165/0, 1-2= -5599/0_6-7=-6755/0_7-8=-73	=-1569/0, 2-3=-3885/0, 3-4=-388 372/0_8-9=-7494/0_9-10=-7137/	35/0, 4-5=-5599/0, 0 10-11=-6133/0		
11-12	2=-4017/0				
BOT CHORD 24-28 18-19	5=0/2839, 23-24=0/4880, 22-2 9=0/7471, 17-18=0/7471, 16-1	23=0/6279, 21-22=0/7372, 20-21 17=0/6785, 15-16=0/6133, 14-15	1=0/7372, 19-20=0/73, 5=0/2068	2,	
WEBS 11-16	6=0/438, 7-21=0/406, 8-20=-3	78/2, 7-22=-1118/0, 6-22=0/778	6-23=-885/0, 45 8-19=-150/601		
9-17=	=-434/0, 10-17=0/458, 10-16=	-782/0, 11-15=-2654/0, 12-15=0	)/2537, 12-14=-2751/0		
<b>NOTES-</b> (10-11)					
1) Fasten trusses tog	ether to act as a single unit as	s per standard industry detail, or	loads are to be evenly	applied to	o all plies.
3) All plates are MT20	) plates unless otherwise indi	cated.			
4) All plates are 3x4 M	AT20 unless otherwise indicat	ed.	trues with 3-10d (0.13)	" X 3") nai	ils. Stronghacks to be
attached to walls a	t their outer ends or restrained	d by other means.	1033 Will 3-100 (0.13	1 X 5 ) 11a	
<ol> <li>6) CAUTION, Do not</li> <li>7) Use Simpson Strop</li> </ol>	erect truss backwards. ng-Tie THA422 (Single Chord	Girder) or equivalent at 19-4-2 f	from the left end to cor	nect truss	(es) F211 (1 ply 2x4 SP)
to back face of top	chord.	· · · · · · · · · · · · · · · · · · ·			():(.p.))
<ol> <li>Fill all hail holes with the LOAD CASE</li> </ol>	ere hanger is in contact with (S) section, loads applied to t	lumber. he face of the truss are noted as	s front (F) or back (B).		WINTH CARO
10) Graphical web bra	acing representation does not	depict the size, type or the orier	ntation of the brace on	the web. S	Symbol only indicates
11) Bearing symbols	are only graphical representat	ions of a possible bearing condi	tion. Bearing symbols	are not co	Insidered in the
structural design of	of the truss to support the load	ds indicated.			SEAL
LOAD CASE(S) Stan	dard				28147
1) Dead + Floor Live ( Uniform Loads (plf)	(balanced): Lumber Increase= )	1.00, Plate Increase=1.00			E Sama/ E
Vert: 14-26	, i=-8, 1-13=-80				AD VOINEE SUIT
					Manute K. MORINA
Continued on page 2					12/21/2024
Warning !—Verify de	esign parameters and read notes	before use. This design is based only	upon parameters shown.	and is for an	n individual building component to be installed and loaded

Job	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL RIDGE   231 ALDEI	N WAY ANGIER, NC
24-B592-F02	F215	FLOOR GIRDER	1	2	Job Reference (optional)	# 55565
		Run ID:gl	8.630 s Jul ICksxzC6J7	12 2024 Prir HT2yGkH	nt: 8.630 s Jul 12 2024 MiTek Industries, Inc. 5 IFINYyiOvf-KoLORnq7IClwK5gwaArRdA	Sat Dec 21 20:30:20 2024 Page 2 \B3RdN?mnEh8BOeUWy6ejH

LOAD CASE(S) Standard Concentrated Loads (lb)

Vert: 11=-996(B)



Job	Truss	Truss Type	Qty	Ply	LOT 0.0017 CAMPBELL F	RIDGE   231 ALDEN WA	AY ANGIER, NC
24-B592-F02	F216	Floor	2	1	Job Reference (option	al)	# 55565
0-1-8			Run: 8.630 s Jul 12 ID:gUCksxzC6J7F	2024 Prin HT2yGkH	t: 8.630 s Jul 12 2024 MiTi FINYyiOvf-KoLORnq7I	ek Industries, Inc. Sat D ClwK5gwaArRdAB?(	0ec 21 20:30:20 2024 Page OdKLmpvh8BOeUWy6e
Η <mark>Ρ-6-3 1-3-0</mark>		2-0-0					0-9-11 Scale = 1:31
4x4 =							
1.5x3 =				3x8 FP=	= 1.5x3		4x4 =
1 2	3	4 5 5	6	7	8 9	10	11 12
						E .	VV4 W1
23	22 21	20 19	18 17 1	6	15	14	13
6x6	4x4 =	1.5x3    1.5x3	3x12 MT20HS FP=		3x8 =	4x4 =	3x6 =
F	5-10-11 5-10-11	6-10-11 7-10-11 1-0-0 1-0-0			<u>19-2-6</u> 11-3-11		1
Plate Offsets (X,Y) [	4:0-1-8,Edge], [5:0-1-8,Edge	e], [23:Edge,0-3-0]	1				
LOADING (psf)           TCLL         40.0           TCDL         10.0           BCLL         0.0           BCDL         5.0	SPACING- 1-7 Plate Grip DOL 1. Lumber DOL 1. Rep Stress Incr Yf Code IRC2021/TPI20	-3 <b>CSI.</b> 00 TC 0.88 00 BC 0.93 ES WB 0.50 14 Matrix-SH	DEFL. in Vert(LL) -0.40 1 Vert(CT) -0.54 1 Horz(CT) 0.06	(loc)    8-19 =  8-19 =  8-19 = 13	/defl L/d >575 480 >418 360 n/a n/a	<b>PLATES</b> MT20 MT20HS Weight: 97 lb	<b>GRIP</b> 244/190 187/143 FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP	No.1(flat)		BRACING- TOP CHORD	Structura	al wood sheathing dir	ectly applied or 2-2	2-0 oc purlins, except

BOT CHORD

TOP CHORD 2x4 SP No.1(flat) BOT CHORD 2x4 SP SS(flat) \*Except\*

BOT CHORD 2x4 SF 35(liat) Excer B2: 2x4 SP No.1(flat) WEBS 2x4 SP No.3(flat) Structural wood sheathing directly applied or 2-2-0 oc purlins, except end verticals. Rigid ceiling directly applied or 10-0-0 oc bracing, Except: 2-2-0 oc bracing: 19-20.

REACTIONS. (lb/size) 23=828/0-3-6 (min. 0-1-8), 13=833/Mechanical

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

TOP CHORD 2-3=-1336/0, 3-4=-2669/0, 4-5=-3450/0, 5-6=-3738/0, 6-7=-3556/0, 7-8=-3556/0,

8-9=-2838/0, 9-10=-2838/0, 10-11=-1514/0

- BOT CHORD 22-23=0/534, 21-22=0/2092, 20-21=0/3450, 19-20=0/3450, 18-19=0/3450, 17-18=0/3812, 16-17=0/3812, 15-16=0/3296, 14-15=0/2268, 13-14=0/736
- WEBS 4-20=0/378, 5-19=-352/0, 4-21=-1051/0, 3-21=0/751, 3-22=-984/0, 2-22=0/1044, 2-23=-1025/0, 5-18=-125/535, 6-16=-333/0, 8-16=0/339, 8-15=-584/0, 10-15=0/728, 10-14=-982/0, 11-14=0/1012, 11-13=-1104/0

NOTES- (7-8)

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

2) All plates are MT20 plates unless otherwise indicated.

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

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

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

6) 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 L	OT 0.0017 CAMPBEL	L RIDGE   231 ALDEN WAY ANGIER, NC
24-B592-F02	F217	Floor	4	1	lob Reference (ontic	mal) # 55565
			Run: 8.630 s Jul 12 ID:gUCksxzC6J	2 2024 Print: 7HT2vGkH	8.630 s Jul 12 2024 M	iiTek Industries, Inc. Sat Dec 21 20:30:21 2024 Page mWV/unvFF68uMg9NkDu1i5VEwgNr8B1vv6ei
0-1-8 H├ <u>1-3-0</u>			⊢ <u>1-4-11</u>   <u>2-0-0</u>		, <b>,</b>	<u>1-5-11</u> 0-1-8 Scale: 3/8"=1
4x4 = $1.5x3 =$ $1$ $1$ $1$ $1$ $1$ $1$ $1$ $1$ $1$ $1$	3x8 FP= 2 3 4 2 3 4 2 3 4 2 3 20	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	7 T2 W3 8 8 17 1.5x3	8 16 1.5x3	9 5 15 3x8 MT	$\begin{array}{c} 1.5x3    \\ 4x4 = & 1.5x3 = \\ 10 & 11 \\ \hline \\ B2 & 14 \\ 13 \\ T20HS FP = & 6x6    \\ 4x4 = \\ \end{array}$
1-6-0           1-6-0           Plate Offsets (X,Y) [1:I           LOADING (psf)           TCLL 40.0           TCDL 10.0           BCLL 5.0	4-0-0 2-6-0 Edge,0-1-8], [7:0-1-8,Edge], SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	9-1-8 5-1-8 [8:0-1-8,Edge], [22:Edge,0-1-8 [8:0-1-8,Edge], [22:Edge,0-1-8 [8:0-1-8,Edge], [22:Edge,0-1-8 [8:0-1-8], [22:Edge,0-1-8], [22:Edge,	10-7-11         11-7-11         12-7-11           1-6-3         1-0-0         1-7-11           1         1-0-0         1-7-11	-7-11 14 -0-0 1- 	H-0-3 16-6 4-8 2-6 Jefl L/d 309 480 144 360 n/a n/a	3-3     19-2-14     19-5_114       -0     2-8-11     0-3-0       PLATES     GRIP       MT20     244/190       MT20HS     187/143       Weight: 97 lb     FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP No BOT CHORD 2x4 SP S3 B2: 2x4 S WEBS 2x4 SP No	o.1(flat) S(flat) *Except* P No.1(flat) o.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural end vertica Rigid ceilin	wood sheathing c als. ng directly appliec	directly applied or 5-3-8 oc purlins, except
REACTIONS.         (lb/size)           FORCES.         (lb)         - Max. Cc           TOP CHORD         22-23=4           5-6=-344           BOT CHORD         20-21=0           14-15=0           WEBS         7-17=-27           4-19=0/4           10-13=0	22=841/0-3-6 (min. 0-1-8), mp./Max. Ten All forces 2 336/0, 1-23=-835/0, 1-2=-99 54/0, 6-7=-3845/0, 7-8=-372 1/883, 19-20=0/3063, 18-19 /2624, 13-14=0/2624, 12-13 76/42, 8-16=-17/319, 1-21=0 99, 6-19=-451/0, 7-18=-270 /943, 10-12=-1451/0	12=841/0-3-8 (min. 0-1-8) 50 (lb) or less except when sho 8/0, 2-3=-2487/0, 3-4=-2487/0, 8/0, 8-9=-3103/0, 9-10=-1943/0 e0/3807, 17-18=0/3728, 16-17 =0/1218 /1210, 2-21=-1152/0, 2-20=0/7 /371, 8-15=-905/0, 9-15=0/643	own. 4-5=-3454/0, ) =0/3728, 15-16=0/3728, /86, 4-20=-749/0, 8, 9-13=-887/0,	,		
NOTES- (5-6) 1) Unbalanced floor live I 2) All plates are MT20 pl 3) All plates are 3x4 MT2 4) Recommend 2x6 stror be attached to walls a	oads have been considered ates unless otherwise indica 0 unless otherwise indicate gbacks, on edge, spaced a their outer ends or restraine	for this design. ted. J. : 10-0-0 oc and fastened to ea ed by other means.	ch truss with 3-10d (0.13	31" X 3") n	nails. Strongbacks	s to

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

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

LOAD CASE(S) Standard





L	5-10-11			6-10-11 7-10-11	1	3-9-6
1		5-10-11		1-0-0 1-0-0	5	-10-11
Plate Of	fsets (X,Y)	[4:0-1-8,Edge], [5:0-1-8,Edge], [16:Ed	ge,0-3-0]			
LOADIN TCLL TCDL BCLL BCDL	<b>G</b> (psf) 40.0 10.0 0.0 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	<b>CSI.</b> TC 0.26 BC 0.52 WB 0.33 Matrix-SH	<b>DEFL.</b> in Vert(LL) -0.09 Vert(CT) -0.12 Horz(CT) 0.03	(loc) I/defl L/d 11-12 >999 480 11-12 >999 360 9 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 70 lb         FT = 20%F, 11%E
LUMBEF TOP CH BOT CH WEBS	<b>R-</b> ORD 2x4 SP ORD 2x4 SP 2x4 SP	No.1(flat) No.1(flat) No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing o end verticals. Rigid ceiling directly applied	lirectly applied or 6-0-0 oc purlins, except I or 10-0-0 oc bracing.

**REACTIONS.** (lb/size) 16=590/0-3-6 (min. 0-1-8), 9=595/0-3-8 (min. 0-1-8)

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

TOP CHORD 2-3=-906/0, 3-4=-1665/0, 4-5=-1910/0, 5-6=-1665/0, 6-7=-906/0

BOT CHORD 15-16=0/376, 14-15=0/1413, 13-14=0/1910, 12-13=0/1910, 11-12=0/1910, 10-11=0/1413, 9-10=0/376

WEBS 4-14=-428/0, 3-14=0/355, 3-15=-660/0, 2-15=0/690, 2-16=-720/0, 5-11=-428/0, 6-11=0/355, 6-10=-660/0, 7-10=0/690, 7-9=-717/0

NOTES- (5-6)

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

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

3) 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



$\begin{array}{c c c c c c c c c c c c c c c c c c c $	lob	Truss	Truss Type		Qty	Ply	LOT 0.0017	CAMPBELL RIDGE	231 ALDEN WAY	ANGIER, NC	
$0_{11}^{-1} 8$ $Ru: 8630 s Jul 12 2024 Print 8630 s Jul 12 2024 Mittak Industries. Inc. Sat Dec 21 20:30;21 2024 F ID: gUCksxzC6J7HT2yGkHFINYyiOvf-p_vme6rmWVunyFF68uMg9NkN71uuVNXqNr8B1y 0_{11}^{-1} 8 Scale = 1 3x4 = 3x4    $	24-B592-F02	F219	FLOOR SUPPORTED GABL		1	1	Job Refere	nce (optional)		# 55565	5
Scale = 1 Scale = 1	0.1.8			Run: 8 ID:gU	3.630 s Jul ICksxzC6	12 2024 Prir J7HT2yGk	nt: 8.630 s Jul HFINYyiOvf	12 2024 MiTek Indu -p_vme6rmWVuny	stries, Inc. Sat Dec /FF68uMg9NkN7	21 20:30:21 202 1uuVNXqNr8E	4 Page 31yy6ej0
3x =	сЦо									Scale	= 1:22.4
3x4 = 3x4    1 2 3 4 5 6 T1 7 8 9 10 11 12 4 5 6 T1 7 8 9 10 11 12 4 5 6 T1 7 8 9 10 11 12 4 5 6 T1 7 8 9 10 11 12 5 7 1 5											
1 2 3 4 5 6 1 7 8 9 10 11 12					3x4 =					3x4	11
$\begin{bmatrix} 2^{24} \\ -2^{4} \\$	1 2	3	4 5	6 T1	7		8	9	10	11 12	
		ST1	ST1 ST1	ST1 W2	ST1		ST1	ST1	ST1	ST1 W1	
			XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX			XXXX					l
23 22 21 20 19 18 17 16 15 14 13	23 22	21	20 19	18	17		16	15	14	13	
3x4    3x6 =	3x4			3x4 =						3x6 =	=
				13-9-6							

			13-9-6	
Plate Offsets (X,Y)	[7:0-1-8,Edge], [18:0-1-8,Edge], [23:E	Edge,0-1-8]		
LOADING         (psf)           TCLL         40.0           TCDL         10.0           BCLL         0.0           BCDL         5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	<b>CSI.</b> TC 0.05 BC 0.01 WB 0.03 Matrix-SH	DEFL.         in (loc)         l/defl         L/d           Vert(LL)         n/a         -         n/a         999           Vert(CT)         n/a         -         n/a         999           Horz(CT)         0.00         13         n/a         n/a	PLATES         GRIP           MT20         244/190           Weight: 62 lb         FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SP BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP	P No.1(flat) P No.1(flat) P No.3(flat) P No.3(flat)		BRACING- TOP CHORD Structural wood sheathi end verticals. BOT CHORD Rigid ceiling directly ap	ng directly applied or 6-0-0 oc purlins, except plied or 10-0-0 oc bracing.

#### **REACTIONS.** All bearings 13-9-6.

(lb) - Max Grav All reactions 250 lb or less at joint(s) 23, 13, 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- (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



505	11035	liuss type	QLY	''y  LC	1 0.0017 GAMPBELL RIL	GE   231 ALDEN WAY	ANGIER, NG
24-B592-F02	F220	Floor	12	1	b Reference (optional)		# 55565
	1	1	Run: 8.630 s Jul 1	2 2024 Print: 8	.630 s Jul 12 2024 MiTek	Industries, Inc. Sat Dec	21 20:30:21 2024 Page 1
0310 130		2		птаускага	v ryiOvi-p_vmeormvvv	ипунновимдэмкни	
			-0-0				0-3-10
							Scale = 1:30.0
	1.5x3						
4x4 =	3x8 F	·P=	2		1.5x3		4x4 =
1 2 1 <del>8 W2 9</del>	4		8	T2	9 10	11	12 13
			R.				
				$\square$			
		B1&7 e	•			B2 <u>}≵</u>	
<b>23</b>	22	21 20	19	18	17 16	15	14
4x6 = 4x4 =	=	1.5x3	1.5x3	10	3x8 MT20HS FP=	4x4	= 4x6 =
					3x8 =		
	8-3-10	9-3-10	10-3-10		18-7-4		
	8-3-10	1-0-0	1-0-0		8-3-10		
Plate Olisets (X,Y) [1:E	age,0-1-8], [7:0-1-8,Eage],						
LOADING (psf)	SPACING- 1-7-3	CSI.	DEFL. in	(loc) I/de	efl L/d	PLATES G	RIP
TCLL 40.0 TCDI 10.0	Plate Grip DOL 1.00	BC 0.84	Vert(LL) -0.26 Vert(CT) -0.37	19-20 >83 19-20 >60	32 480 03 360	MT20 2 MT20HS 1	44/190 87/143
BCLL 0.0	Rep Stress Incr YES	WB 0.49	Horz(CT) 0.06	14 n	/a n/a		
BCDL 5.0	Code IRC2021/TPI2014	Matrix-SH				Weight: 97 lb	FT = 20%F, 11%E
LUMBER-			BRACING-				
TOP CHORD 2x4 SP No	.1(flat)		TOP CHORD	Structural v	vood sheathing direc	tly applied or 6-0-0	) oc purlins, except
WFBS 2x4 SP No	0.1(flat) 0.3(flat)		BOT CHORD	end vertica Rigid ceilin	is. a directly applied or 1	10-0-0 oc bracing	
	24 = 207/0.2.9 (min 0.1.8)	11-907/Machanical	201 0110112	. ugia comi	g anoon) appnoa or		
REACTIONS. (ID/SIZE)	24-007/0-3-8 (11111. 0-1-6),	14-007/Mechanica					
FORCES. (lb) - Max. Col	mp./Max. Ten All forces 2	50 (lb) or less except when shown.	0500/0				
TOP CHORD 2-3=-115 8-9=-327	3/0, 3-4=-2517/0, 4-5=-251 6/0 9-10=-2517/0 10-11=-	7/0, 5-6=-2517/0, 6-7=-3276/0, 7-8 2517/0_11-12=-1153/0	=-3528/0,				
BOT CHORD 23-24=0/	357, 22-23=0/1927, 21-22=	0/3018, 20-21=0/3528, 19-20=0/35	28, 18-19=0/3528,				
17-18=0/	3018, 16-17=0/3018, 15-16	=0/1927, 14-15=0/357	22-0/1026				
2-24=-94	2/0, 8-18=-540/18, 9-18=0/	429, 9-16=-640/0, 11-16=0/753, 11	-15=-1007/0,				
12-15=0/	1036, 12-14=-942/0	. ,	,				
NOTES- (6-7)							
1) Unbalanced floor live lo	oads have been considered	for this design.					
2) All plates are MT20 pla	ates unless otherwise indica	ited.					
4) Refer to girder(s) for tru	unless otherwise indicate	u.					
				04" V 0")	ila Chuananhaalta ha		

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

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

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

LOAD CASE(S) Standard



Job	Truss		Truss Type			Qty	Ply	LOT 0.0017 (	CAMPBELL RIDG	E   231 ALDEN V	VAY ANG	ER, NC
24-B592-F02	F221		Floor Supported Gable			1	1	Job Referer	nce (optional)		#	55565
					Run	: 8.630 s Ju ID:gUCksx	ıl 12 2024 Pr (zC6J7HT2	int: 8.630 s Jul yGkHFINYyiC	12 2024 MiTek Ind )vf-HAT8sSsOF	dustries, Inc. Sat Ip0eZPqJibtvik	Dec 21 20 DGYsRDC	:30:22 2024 Page CEqn_bVtlZOy66
												Scale = 1:29
3x4		3x8 F	=P=	3x4 =								3x4
1 2		4 5	6 7	8	9	10	11 	12	13	14	15	16
	ST1		ST1 ST1	STI V		ST1	ST	1 ST	1 ST1	ST1 B2 XXXXXXX	е ST RXXXX	
32 31	30	29	28 27	26	25	24	23	22	21 20	19	18	17
3x4					3x4 =				3x8 FP=			3x4

3-1	-0		15-2-12		
Plate Offsets (X,Y)	[1:Edge,0-1-8], [8:0-1-8,Edge], [25:0-	1-8,Edge], [32:Edge,0-1-	8]		
LOADING (psf) TCLL 40.0 TCDL 10.0 BCLL 0.0 BCDL 5.0	SPACING- 1-7-3 Plate Grip DOL 1.00 Lumber DOL 1.00 Rep Stress Incr YES Code IRC2021/TPI2014	<b>CSI.</b> TC 0.05 BC 0.01 WB 0.03 Matrix-SH	DEFL. ir Vert(LL) n/a Vert(CT) n/a Horz(CT) 0.00	n (loc) l/defi L/d a - n/a 999 a - n/a 999 ) 24 n/a n/a	PLATES         GRIP           MT20         244/190           Weight: 80 lb         FT = 20%F, 11%E
LUMBER- TOP CHORD 2x4 SF BOT CHORD 2x4 SF WEBS 2x4 SF OTHERS 2x4 SF	<sup>9</sup> No.1(flat) <sup>9</sup> No.1(flat) <sup>9</sup> No.3(flat) <sup>9</sup> No.3(flat)		BRACING- TOP CHORD BOT CHORD	Structural wood sheathing of end verticals. Rigid ceiling directly applied	directly applied or 10-0-0 oc purlins, except d or 10-0-0 oc bracing.

18-3-12

## **REACTIONS.** All bearings 18-3-12.

3-1-0

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

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

NOTES- (7-8)

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

2) Gable requires continuous bottom chord bearing.

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

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

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

6) CAUTION, Do not erect truss backwards.

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

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

LOAD CASE(S) Standard

