



Job	Truss	Truss Type	Qty	Ply	PBS\SMITHFI	ELD FC RH	2ND FL OW	
72314061	F201	Truss	1	7   1	Job Reference	(optional)		
UFP Mid Atlantic LLC, 5631 S. I	NC 62, Burlington, NC, Micah Clay	rton	Run: 8.62 S Sep 22 20	)22 Print: 8.6	20 S Sep 22 2022 MiTe	k Industries, Ir	nc. Tue Apr 11 16	:23:15 Page: 1
, 1-4-0 1-0-8 1-0-8 0-3-8 0-3-8	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$\begin{array}{c c} -6-2 \\ & 2-6-0 \\ & 1-6-2 \\ \hline \\ & 3x4 = 3x \\ 5 & 6 & 7 \\ \hline \\ & 3x4 = 3x \\ 5 & 6 & 7 \\ \hline \\ & 3x4 = 3x \\ & 5 & 6 \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 5 & 6 \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 5 & 6 \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 5 & 6 \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 5 & 6 \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 5 & 6 \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 5 & 6 \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 5 & 6 \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 5 & 6 \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 5 & 6 \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 5 & 6 \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 7 & 7 \\ \hline \\ & 3x4 & 3x \\ & 7 & 7 \\ \hline \\ & 7 & 7 $	5= 8 24 2322 3x5= 3x6 EP	1-2-12 1-2-12 1.5x31 3x6 FP 910 11 21	- <u>0-0</u> 1-0-0 1.5x3 II 12 13 12 13 20 19	14 B1 18	3x4= 15	0-1-8 1.5x3=
Scale = 1:56.5	4-10-8 3-10-8 2-10-8 2-10-8 1-0-0 1-0-0	3x8= <u>8-1-12  </u> 3-3-4 1	<u>17-1-8</u> 8-11-12	18- 1 1-0	19-1-8 1-8 <del> </del>  -0 1-0-0	<u>28-0-0</u> 8-10-8	3	
Plate Offsets (X, Y): [1	7:0-2-0,Edge], [26:0-1-8,Edge], [2	8:0-2-0,Edge]						
Loading TCLL TCDL BCLL BCDL	(psf)Spacing40.0Plate Grip DOL10.0Lumber DOL0.0Rep Stress Incr5.0Code	1-7-3 CS 1.00 TC 1.00 BC YES WH IRC2015/TPI2014 Ma	SI 0.87 C 0.78 B 0.54 atrix-SH	DEFL Vert(LL) Vert(CT) Horz(CT)	in (loc) 1 -0.26 20 2 -0.36 19-20 2 0.05 17	l/defl L/d >902 480 >657 360 n/a n/a	PLATES MT20 Weight: 141 lb	<b>GRIP</b> 244/190 FT = 20%F, 11%E
LUMBER TOP CHORD 2x4 SP No. BOT CHORD 2x4 SP No. WEBS 2x4 SP No. OTHERS 2x4 SP No. REACTIONS (lb/si Max	2(flat) 1(flat) 3(flat) 3(flat) ze) 17=784/0-3-8, (min. 0-1-4 (min. 0-1-8) Uplift 28=-77 (LC 4)	8), 25=1487/0-3-8, (min. 0-1-8), :	BRACING TOP CHO BOT CHO 28=160/0-3-8,	RD RD	Structural wood shea verticals. Rigid ceiling directly 6-0-0 oc bracing: 27-	athing directly a applied or 10-( 28,26-27,25-2	applied or 5-8-3 o 0-0 oc bracing, E 6.	c purlins, except end
Max FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live loa 2) All plates are 3x3 MT20 3) Provide mechanical con 4) This truss is designed in This truss is designed in	Grav 17=794 (LC 7), 25=1487 (lb) - Max. Comp./Max. Ten Al 2-3=-356/382, 3-4=-356/382, 4-5 14-15=-2000/0 27-28=-117/258, 26-27=-382/35 4-26=-339/0, 11-21=-289/0, 2-28 15-18=0/675, 14-18=-638/0, 14- ads have been considered for this unless otherwise indicated. nection (by others) of truss to bea accordance with the 2015 Interne	(LC 1), 28=281 (LC 3) forces 250 (lb) or less except w =-356/382, 5-6=0/1292, 6-7=0/1 5, 25-26=-811/38, 24-25=0/686, =-341/155, 2-27=-360/133, 5-25 19=0/353, 13-19=-307/0, 13-20= design. ring plate capable of withstandin tional Residential Code sections	vhen shown. 1297, 7-8=-1323/0, 8-9=-23 23-24=0/1923, 22-23=0/19 5=-748/0, 5-26=0/737, 7-25 -235/334 ng 77 lb uplift at joint 28. s R502.11.1 and R802.10.2	804/0, 9-10=-2 923, 21-22=0, 5=-1956/0, 7-2 2 and reference	2954/0, 10-11=-2954/0, 2685, 20-21=0/2954, 1 24=0/906, 8-24=-857/0, 24=0 standard ANSI/	11-12=-2954/ 9-20=0/2932, 8-22=0/549, S	0, 12-13=-2954/0 18-19=0/2459, 17 }-22=-554/0, 9-21	, 13-14=-2713/0, '-18=0/1515 =0/609, 15-17=-1663/0,
<ul> <li>TPI 1.</li> <li>Recommend 2x6 strong to walls at their outer en</li> <li>CAUTION, Do not erect</li> </ul>	backs, on edge, spaced at 10-00- ds or restrained by other means. truss backwards.	00 oc and fastened to each truss	s with 3-10d (0.131" X 3") r	aails. Strongt	acks to be attached	Ammunit	OR TH CO SE 025	AROLINA AL PASTIZZA



Job	Truss	Truss Type		Qty	Ply	PBS\SMITHFIELD FC RH	I 2ND FL OW	
72314061	F202	Truss		2	1	Job Reference (optional)		
UFP Mid Atlantic LLC, 5631 S. N	NC 62, Burlington, NC, Micah Clay	rton	Run: 8.62 S Se	p 22 2022 P	int: 8.620 S	Sep 22 2022 MiTek Industries,	Inc. Tue Apr 11 16:	23:16 Page: 1
(	} <mark>1-3-0</mark> } 0-1-8 0-5-12 ∦	<u>1-6-8 / 2-6-0</u>		1-2	-12 -12 -12 -12 -12 -12 -12 -12 -12 -12	NJSOVTI K2KQ I ZISch-bQPLIZIV 1-0-0 ∤} } }	<u>bib1MBOLdz11uD4</u> ↓ <u>2-6-0</u>	0-1-8 ∦ -}
7-0-8 -0-8 -0-8 -0-8 -3-8 -3-8	$\begin{array}{c} 1.5x3 \\ 1.5x3 \\ \hline \\ 33 \\ \hline \\ 34 \\ 32 \\ \hline \\ 3x5 \\ 1.5x3 $	6 7 1.5x3 II 3x8=	3x5= 8 9 25 24 3x5= 3x6 F	3x6 F 10(1 23 P	1.5x3 II P 12 22	1.5x3 II 13 14 15 14 15 12 12 12 12 12 13 14 15 12 12 12 13 14 15 12 12 13 14 15 14 15 14 15 14 15 14 15 14 15 14 15 15 14 15 15 15 16 17 10 10 10 10 10 10 10 10 10 10	3x4= 16 9	1.5x3= 1.5x3=
	2-1-4 <del>  1-7-8   13-7-4   5-1-4   6</del>   1-7-8 1 1-6-0 1 1-6-0 1 0-5-12	-7-1218-1-121 1-6-8 <sup>1</sup> 1-6-0 <sup>1</sup>	<u>17-1-8</u> 8-11-12		19- 18-1-8 + + 1-0-0 1-(	-1-8 <u>28-0-</u> - 8-10- 0-0	<u>0</u> 8	
Scale = 1:56.5	8:0.2.0 Edgo] [32:0.2.0 Edgo]							
TCLL TCDL BCLL BCDL	(psf)         Spacing           40.0         Plate Grip DOL           10.0         Lumber DOL           0.0         Rep Stress Incr           5.0         Code	1-7-3 1.00 1.00 YES IRC2015/TPI2014	CSI TC BC WB Matrix-SH	0.80 Vert 0.79 Vert 0.55 Hor:	<b>:L</b> (LL) (CT) z(CT)	in (loc) l/defl L/d 0.25 20-21 >927 480 0.35 20-21 >673 360 0.04 18 n/a n/a	PLATES MT20 Weight: 147 lb	<b>GRIP</b> 244/190 FT = 20%F, 11%E
LUMBER TOP CHORD 2x4 SP No.: BOT CHORD 2x4 SP No.: WEBS 2x4 SP No.: OTHERS 2x4 SP No.: REACTIONS All be	2(flat) 1(flat) 3(flat) 3(flat) 9arings 0-3-8.		BR. TOI BO	ACING P CHORD T CHORD	Sti ve Rij	ructural wood sheathing directly rticals. gid ceiling directly applied or 6-0	applied or 5-6-0 oc	purlins, except end
(lb) - Max ( Max ( FORCES TOP CHORD BOT CHORD	Uplift All uplift 100 (lb) or less a Grav All reactions 250 (lb) or le 26=1294 (LC 14), 29=609 (lb) - Max. Comp./Max. Ten Al 2-3=0/504, 3-4=0/1082, 4-5=0/10 15-16=-1914/0 31-32=-504/0, 30-31=-504/0, 29 19-20=0/2/346, 18-19=0/1457	t joint(s) except 32=-332 (LC ss at joint(s) 32 except 18= 0 (LC 13) forces 250 (lb) or less exce 1882, 5-6=0/1245, 6-7=0/1540 30=-504/0, 28-29=-1245/0,	2 4) 768 (LC 13), pt when shown. ), 7-8=0/1544, 8-9=-972 27-28=-1245/0, 26-27=-	/0, 9-10=-20 1245/0, 25-2	06/0, 10-11= 26=0/314, 24	=-2738/0, 11-12=-2738/0, 12-13 -25=0/1598, 23-24=0/1598, 22-	=-2738/0, 13-14=-2 23=0/2419, 21-22=	:738/0, 14-15=-2575/0, 0/2738, 20-21=0/2761,
<ul> <li>WEBS</li> <li>NOTES</li> <li>1) Unbalanced floor live loa</li> <li>2) All plates are 3x3 MT20 floor</li> <li>3) Provide mechanical conr</li> <li>4) This truss is designed in TPI 1.</li> <li>5) Recommend 2x6 strongt to walls at their outer end</li> <li>6) CAUTION, Do not erect to</li> </ul>	12-22-296/0, 5-29=-135/272, 6 16-19=0/636, 15-19=-601/0, 15- ids have been considered for this unless otherwise indicated. nection (by others) of truss to bear accordance with the 2015 Interna backs, on edge, spaced at 10-00- ds or restrained by other means. truss backwards.	26=-505/0, 3-29=-845/0, 2-3 20=0/319, 14-20=-280/0, 14- design. ing plate capable of withstan tional Residential Code sect 00 oc and fastened to each t	\$2=0/661, 3-30=0/260, 8 -21=-252/294 nding 331 lb uplift at joir ions R502.11.1 and R8 russ with 3-10d (0.131"	t 32. 02.10.2 and X 3") nails.	referenced s Strongbacks	1, 9-25=-876/0, 9-23=0/571, 10- itandard ANSI/ ; to be attached	£3=-579/0, 10-22=	0/626, 16-18=-1599/0,
						Jun	DRTH C. DESCENTION OF THE C. D	AROLIN P AL PRESIET



Job	Truss	Truss T	vpe		Qty	Ply	PBS\S	SMITHE	FIELD F	CRH	2ND FL OW		
72314061	F203	Truss			1				<i>.</i>	-			
UFP Mid Atlantic LLC, 5631 S	NC 62, Burlington,	NC, Micah Clayton		Run: 8.62 S	Sep 22 2022 P	rint: 8.620	S Sep 22	2022 Mi	ce (optic Tek Indus	onal) stries, In	ic. Tue Apr 11	16:23:16	Page: 1
	, - <u>-</u> ,	-,,			ID	:1VrJsNX2	4il?zbtpGv	wEPdrzS	69R2-bQI	PLt2rVb	ibTMBOLdzl1	uD4vFfjHEC	0E_zJgFAzRIP9
, 1-4-0 , 1-0-8 , 1-0-8 , 0,3-8 , 0,3-8	$\begin{array}{c} 1 - 3 - 0 \\ 0 - 1 - 8 \\ 1 - 5 \times 3 \\ 1 - 5 \times 3 \\ 1 - 5 \times 3 \\ 26 \\ 25 \\ 3 \times 5 \\ - 25 \\ 3 \times 5 \\ - 1 - 7 - 8 \\ 1 - 7 - 8 \\ $	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	6-0 3x5= 5 81 22 3x5= 13 8-1	6 21 21 MT18H -8-0 1-12	1-2-12 1.5x3 II 7 8 20 19 S 3x10 FP 14-8 1-0-	-0-0 1 3xii 1.5x 9' 18 15-8-0 -0 -0 -0 -0 -0 -0 -0 -0 -0	-0-0 6 FP 3 II 10 11	17	12 B2 24-6 8-10	<u>T2</u> 16 3x4= 3-8	2-6-0 3×4= 13	0-1-8 1.5x3= 1.5x3 = 148 155 3x5=	∕ 1-4-0  1-0-8    1-0-8   0-3-8
Scale = 1:51.3													
Plate Offsets (X, Y):	15:0-2-0,Edge], [26	:0-2-0,Edge]			i								
Loading TCLL	(psf) Spaci 40.0 Plate	<b>ng</b> Grip DOL	1-7-3 <b>(</b> 1.00 1	CSI TC	0.89 Ver	FL t(LL)	in -0.26	(loc) 18	l/defl >892	L/d 480	PLATES MT18HS	GRIP 244/19	90
TCDL	10.0 Lumbe	er DOL	1.00 E	BC	0.76 Ver	t(CT)	-0.37	17-18	>648	360	MT20	244/19	90
BCDL	5.0 Code	IR	C2015/TPI2014	Matrix-SH	0.55	2(01)	0.00	15	∏/d	11/a	Weight: 126 lt	o FT = 2	20%F, 11%E
LUMBER TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N WEBS 2x4 SP N OTHERS 2x4 SP N	0.2(flat) 0.1(flat) 0.3(flat) 0.3(flat)				BRACING TOP CHORD BOT CHORD	e F	Structural v verticals. Rigid ceilin 6-0-0 oc br	wood she ng directl racing: 2	eathing d y applied 5-26,24-2	lirectly a or 10-0 25,23-24	applied or 2-2-( I-0 oc bracing, 1.	0 oc purlins, Except:	except end
REACTIONS (Ib/ Ma	size) 15=804/0 (min. 0-1- x Uplift 26=-188 (	-3-8, (min. 0-1-8), 23=137 8) (LC 4)	0/0-3-8, (min. 0-1-8)	), 26=-48/0-3-8,									
FORCES	(Ib) - Max. Comp	_C 7), 23=1370 (LC 1), 26 ./Max. Ten All forces 25	=128 (LC 3) ) (lb) or less except	when shown.									
TOP CHORD BOT CHORD WEBS	2-3=-50/409, 3-4 25-26=-409/50, 2 8-19=-273/0, 3-2	=0/949, 4-5=0/951, 5-6=-1 24-25=-409/50, 23-24=-409 3=-811/0, 220=-62/540, 5	494/0, 6-7=-2448/0 9/50, 22-23=0/875, 2 -23=-1930/0, 5-22=	, 7-8=-3058/0, 8-9 21-22=0/2078, 20 0/868, 6-22=-821	9=-3058/0, 9-10= -21=0/2814, 19- /0, 6-21=0/522,	-3058/0, 1 20=0/2814 7-21=-518/	0-11=-305 , 18-19=0/ 0, 7-19=0/	8/0, 11-1 3058, 17 572, 13-	12=-2779 7-18=0/30 15=-1694	//0, 12-1 014, 16- 4/0, 13-1	3=-2042/0 17=0/2513, 15 16=0/694, 12-1	5-16=0/1543 16=-655/0, 1	2-17=0/370,
NOTES	11-17=-339/0, 11	1-10=-199/380											
<ol> <li>Unbalanced floor live le</li> <li>All plates are MT20 pla</li> <li>All plates are 3x3 MT2</li> <li>Provide mechanical cc</li> <li>This truss is designed</li> </ol>	bads have been con tes unless otherwis D unless otherwise i nnection (by others) n accordance with t	sidered for this design. e indicated. ndicated. of truss to bearing plate of he 2015 International Res	apable of withstand	ling 188 lb uplift a	t joint 26. 1 R802 10 2 and	referenced	1 standard	ANSI/					
<ul> <li>TPI 1.</li> <li>6) Recommend 2x6 stron to walls at their outer e</li> </ul>	gbacks, on edge, sp nds or restrained by	paced at 10-00-00 oc and to other means.	astened to each tru	iss with 3-10d (0.1	131" X 3") nails.	Strongbac	ks to be at	ttached					
7) CAUTION, Do not erec	t truss backwards.												
									J	annum Kart	NORTH NORTH SOFE 02 TOL	CARO BEAL SP461	ALL PARTY
											MILIM	PRES	int.



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Job	Truss	Truss Type	Qty	Ply	PBS\SMITHFIELD FC RH 2ND FL OW
72314061	F204	Truss	3	1	. lob Reference (ontional)
UFP Mid Atlantic LLC, 5631 S. N	NC 62, Burlington, NC, Micah Clay	/ton Run: 8.62 S S	Sep 22 2022 Pi	int: 8.620 S	Sep 22 2022 MiTek Industries, Inc. Tue Apr 11 16:23:17 Page: 1
0 + Mid Anguine FFC <sup>2</sup> 2021.2.1	$\begin{array}{c c} & 2-6-0 \\ \hline \\ 0-1-8 \\ \hline \\ 1.5x3 \\ 1.5x3 \\ 1.5x3 = 3x4 = \\ 26 \\ 26 \\ 26 \\ 25 \\ 3x5 = \\ \hline \\ 7-5-0 \\ 7-5-0 \end{array}$	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3x6 F 8 9 2 = 17 5-5	TP 10 TP	$\begin{array}{c} 3-12\\ btpGwEPdrzS9R2-3dzj4Ns7M0jK_LzXBhGGRQd4?302zh2NDd3DoczRIP8\\ \hline \\ 1.5x3 = \\$
Scale = 1:51.3 Plate Offsets (X, Y): [10	6:0-2-0,Edge], [23:0-1-8,Edge], [2	6:0-2-0,Edge]			
Loading TCLL	<ul><li>(psf) Spacing</li><li>40.0 Plate Grip DOL</li></ul>	1-7-3 <b>CSI</b> 1.00 TC	0.89 Vert	<b>"L</b> (LL) -	in (loc) l/defl L/d <b>PLATES GRIP</b> 0.20 24-25 >696 480 MT20 244/190
TCDL	10.0 Lumber DOL	1.00 BC	0.92 Vert	(CT) -	0.28 24-25 >507 360 0.04 16 p/a p/a
BCDL	5.0 Code	IRC2015/TPI2014 Matrix-SH	0.42	(01)	Weight: 125 lb FT = 20%F, 11%E
LUMBER TOP CHORD 2x4 SP No. BOT CHORD 2x4 SP No. WEBS 2x4 SP No. OTHERS 2x4 SP No.	1(flat) 2(flat) 3(flat) 3(flat)	B T B	RACING OP CHORD OT CHORD	Str ve Riç	ructural wood sheathing directly applied or 2-2-0 oc purlins, except end rticals. gid ceiling directly applied or 2-2-0 oc bracing.
REACTIONS (Ib/siz	ze) 16=537/0-3-8, (min. 0-1-8 (min. 0-1-8)	3), 22=1089/0-3-8, (min. 0-1-8), 26=500/0-3-8,			
Max ( FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live loa 2) All plates are 3x3 MT20	Grav 16=544 (LC 7), 22=1089 (lb) - Max. Comp./Max. Ten Al 2-3=-1174/0, 3-4=-1150/0, 4-5=- 25-26=0/947, 24-25=0/1335, 23- 5-23=-471/0, 6-22=-679/0, 6-23= 10-19=0/325 ads have been considered for this unless otherwise indicated.	(LC 1), 26=528 (LC 10) I forces 250 (Ib) or less except when shown. 1150/0, 5-6=-1150/0, 6-7=-169/344, 7-8=-169/344 24=0/1150, 22-23=-137/617, 21-22=0/544, 20-21: =0/872, 14-16=-770/0, 14-17=0/471, 13-17=-437/0 design.	-, 8-9=-901/0, 9 =0/1222, 19-2( , 13-18=0/328	9-10=-901/0, )=0/1222, 18 2-26=-1038	10-11=-1391/0, 11-12=-1391/0, 12-13=-1391/0, 13-14=-919/0 -19=0/1391, 17-18=0/1233, 16-17=0/580 /0, 2-25=0/316, 3-24=-321/0, 8-22=-810/0, 8-21=0/525, 10-21=-498/0,
<ol> <li>This truss is designed in TPI 1.</li> <li>Recommend 2x6 strongt to walls at their outer end</li> <li>CAUTION, Do not erect to</li> </ol>	accordance with the 2015 Interna backs, on edge, spaced at 10-00-0 ds or restrained by other means. truss backwards.	tional Residential Code sections R502.11.1 and R 20 oc and fastened to each truss with 3-10d (0.13	802.10.2 and 1" X 3") nails.	referenced s Strongbacks	tandard ANSI/ to be attached
					SEAL 0250461/23

g and nly when mation r.

72314061 F205 Truss 3 1 Job Reference (optional)	







Job	Truss	Truss Type		Qty	Ply	PBS\SMITH	HFIELD FC	RH2	2ND FL OW	
72314061	F206	Truss		4	1	Job Refere	nce (option	nal)		
UFP Mid Atlantic LLC, 5631 S. I	NC 62, Burlington, NC, Micah Cla	yton	Run: 8.62 S	Sep 22 2022	Print: 8.620	) S Sep 22 2022 N	/iTek Industr	ries, In	c. Tue Apr 11 16:2	23:18 Page: 1
					ID:ViPh4j	Ygr0QrblS0qeleA	3zS9R1-XpX	(6ljsl7J	lsBbVYklOnV_e9E	6TPIi7zXRHonK2zRIP7
1-0-4-0 1-0-81 1-0-81 0-3-8	$\begin{array}{c} 2-6-0 \\ 0-1-8 \\ 1.5x3 \\ 1.5x3 = 3x1 \\$	$\begin{array}{c} 2-4-1 \\ \hline 1-3-0 \\ 5= \\ 3 \\ 3 \\ \hline 17 \\ 3x4= \\ \hline 7-8-8 \\ \hline 7-8-8 \end{array}$	0 2-0-0 1.5x3 II 4 16 3x4= 18-8-8J9-8 1-0-01-0	2-2-{ 3x6 FP 1.5x3 II 5 6 15 3x3 = MT	3 3x3= 7 14 18HS 3x10	3x3= 8 13 3x3= FP <u>19-9-6</u> 10-1-0	3 T2 12 3x4=	} 3x5= 9	0-1-8 2-6-0 1.5x3= 1.5x3= 10 10 11 3x6=	/ 1/4/0  1-0-8   0-3-8
Scale = 1:44.2										
Plate Offsets (X, Y): [1	6:0-1-8,Edge]									
Loading	(psf) Spacing	1-7-3	CSI	D	EFL	in (loc)	l/defl	L/d	PLATES	GRIP
TCDL	40.0 Plate Grip DOL 10.0 Lumber DOL	1.00 1.00	BC	0.93 V 0.66 V	ert(LL) ert(CT)	-0.36 13-15 -0.49 13-15	>657 4 >478 3	480 360	MT18HS MT20	244/190 244/190
BCLL BCDL	0.0 Rep Stress Incr 5.0 Code	YES IRC2015/TPI2014	WB Matrix-SH	0.50 H	orz(CT)	0.06 11	n/a	n/a	Weight: 98 lb	FT = 20%F, 11%E
LUMBER TOP CHORD 2x4 SP No. BOT CHORD 2x4 SP SI WEBS 2x4 SP No. OTHERS 2x4 SP No.	2(flat) (flat) 3(flat) 3(flat)			BRACING TOP CHORD BOT CHORD		Structural wood s verticals. Rigid ceiling direc	sheathing dire	ectly a or 10-0	pplied or 2-2-0 oc -0 oc bracing.	purlins, except end
REACTIONS       (Ib/si         FORCES       TOP CHORD         BOT CHORD       WEBS         NOTES       1)       Unbalanced floor live loa         2)       All plates are MT20 plate         3)       This truss is designed in TPI 1.         4)       Recommend 2x6 strong to walls at their outer end	11=854/ Mechanical, (mi           (lb) - Max. Comp./Max. Ten Al           2-3=-2182/0, 3-4=-3397/0, 4-5=-           17-18=0/1644, 16-17=0/2706, 1:           4-16=-262/0, 2-18=-1805/0, 2-17           ads have been considered for this           se unless otherwise indicated.           accordance with the 2015 International backs, on edge, spaced at 10-00-           ds or restrained by other means.	n. 0-1-8), 18=854/0-3-8, (mir I forces 250 (lb) or less exce 3397/0, 5-6=-3397/0, 6-7=-3 5-16=0/3397, 14-15=0/3328, 7=0/748, 3-17=-729/0, 3-16= design. ational Residential Code sec 00 oc and fastened to each t	n. 0-1-8) pt when shown. 1397/0, 7-83048/0 13-14=0/3328, 12- 0/927, 9-11=-1806/ tions R502.11.1 and truss with 3-10d (0.1	, 8-9=-2189/0 13=0/2714, 11 0, 9-12=0/757, d R802.10.2 an 131" X 3") nails	-12=0/1645 8-12=-730 d reference	0, 8-13=0/464, 7- ed standard ANSI/ cks to be attached	13=-390/0, 7	·-15=-2	220/461	
							J	THUMAN AND AND AND AND AND AND AND AND AND A	OHN M. F	AROLINA TODA TODA TODA TODA TODA TODA TODA TOD















Job	Truss	Truss Type		Qty	Ply	PBS\SMITH	IFIELD F	C RH	2ND FL OW	
72314061	K200	Truss		1	1	Job Referer	nce (opti	onal)		
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC, Micah Cla	yton	Run: 8.62 S Se	ep 22 2022	Print: 8.620 \$	S Sep 22 2022 M	iTek Indu	stries, I	Inc. Tue Apr 11 16:2	23:19 Page: 1
1-4-0 1-0-8 1-0-8 1-0-3 8 1-0-3 8	$ \begin{array}{c} 0-1-8 \\ \downarrow \\ 35 \\ 34 \\ 3x3= \end{array} $	2 31 30	6 T1 7 8 T1 7 8 29 28 27 3 19 19	9 26 25 26 25 26 6 FP -6-0 -6-0	3x6 FP 101 24	12 13 23 22	14 14 T T 21	2 1 2 2 2	0-1-8 # 5 16 17 9 9 9 9 19 18 3x3=	∕1 <u>1-0-8</u>     1-0-8   0-3-8
Scale = 1:43.7										
Loading TCLL TCDL BCLL BCDL	(psf)Spacing40.0Plate Grip DOL10.0Lumber DOL0.0Rep Stress Incr5.0Code	1-7-3 1.00 1.00 YES IRC2015/TPI2014	<b>CSI</b> TC BC WB Matrix-R	0.06 V 0.01 V 0.03 H	EFL ert(LL) ert(TL) oriz(TL)	in (loc) n/a - n/a - n/a -	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 86 lb	<b>GRIP</b> 244/190 FT = 20%F, 11%E
LUMBER           TOP CHORD         2x4 SP No.3           BOT CHORD         2x4 SP No.3           WEBS         2x4 SP No.3           OTHERS         2x4 SP No.3	2(flat) 2(flat) 3(flat) 3(flat)		BF TC BC	ACING OP CHORD OT CHORD	S V F	Structural wood sl erticals. Rigid ceiling direc	heathing o	directly d or 10-	applied or 6-0-0 oc 0-0 oc bracing.	purlins, except end
<ul> <li>(lb) - Max 0</li> <li>FORCES</li> <li>NOTES</li> <li>1) All plates are 1.5x3 MT20</li> <li>2) Gable requires continuou</li> <li>3) Truss to be fully sheathed</li> <li>4) Gable studs spaced at 1-</li> <li>5) This truss is designed in TP1 1.</li> <li>6) Recommend 2x6 strongt to walls at their outer end</li> </ul>	Grav All reactions 250 (lb) or I 28, 29, 30, 31, 32, 33, 34 (lb) - Max. Comp./Max. Ten A 0 unless otherwise indicated. Is bottom chord bearing. d from one face or securely brace 4-0 oc. accordance with the 2015 Interna- backs, on edge, spaced at 10-00- is or restrained by other means.	ess at joint(s) 18, 19, 20, 21 I forces 250 (lb) or less exce ed against lateral movement ational Residential Code sec 00 oc and fastened to each	, 22, 23, 24, 25, 27, apt when shown. (i.e. diagonal web). tions R502.11.1 and R4 truss with 3-10d (0.131	302.10.2 ar	nd referenced	standard ANSI/ ts to be attached	J	Multimeters .	ORTH CA	AROLINA DAL 2461/23 RESIL



Job	Truss	Truss Type		Qty	Ply	PBS\SM	IITHFIELD I	C RH	2ND FL OW	
72314061	K201	Truss		1	1	Job Refe	erence (opti	onal)		
UFP Mid Atlantic LLC, 5631 S. N	NC 62, Burlington, NC, Micah Cla	yton	Run: 8.62 S	Sep 22 2022	Print: 8.620	) S Sep 22 202	22 MiTek Indu	stries, I	nc. Tue Apr 11 16	:23:19 Page: 1
1-1-0-1 -1-1-0-1 -1-1-0-1 -1-1-0-1	$\begin{array}{c} 0-1-8 \\ 1 \\ 25 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0 \\ 0$	2 3 4 1 2 2 2 2 2 2 1	5 6	7 18 14-8-0 14-8-0	B1 17	9	10 10 15	11	0-1-8 12 26 90 13 3x3 =	/ 1-0-8 1-0-8 1-0-8 0-3-8 0-3-8
Scale = 1:36.5										
Loading TCLL TCDL BCLL BCDL	(psf)Spacing40.0Plate Grip DOL10.0Lumber DOL0.0Rep Stress Incr5.0Code	2-0-0 1.00 1.00 YES IRC2015/TPI2014	CSI TC BC WB Matrix-R	0.08 Ve 0.01 Ve 0.03 He	EFL ert(LL) ert(TL) oriz(TL)	in (la n/a n/a n/a	bc) l/defl - n/a - n/a - n/a	L/d 999 999 n/a	PLATES MT20 Weight: 65 lb	<b>GRIP</b> 244/190 FT = 20%F, 11%E
LUMBER TOP CHORD 2x4 SP No.: BOT CHORD 2x4 SP No.: WEBS 2x4 SP No.: OTHERS 2x4 SP No.: REACTIONS All be	2(flat) 2(flat) 3(flat) 3(flat) earings 14-8-0.		E	BRACING TOP CHORD BOT CHORD		Structural woo verticals. Rigid ceiling c	od sheathing directly applied	directly d or 10-	applied or 6-0-0 o 0-0 oc bracing.	c purlins, except end
<ul> <li>(lb) - Max (lb) - Max (l</li></ul>	Grav All reactions 250 (lb) or 22, 23, 24 (lb) - Max. Comp./Max. Ten A 0 unless otherwise indicated. us bottom chord bearing. ed from one face or securely brac -4-0 oc. accordance with the 2015 Intern backs, on edge, spaced at 10-00 ds or restrained by other means.	less at joint(s) 13, 14, 15, 16, Il forces 250 (lb) or less exce ed against lateral movement ational Residential Code sec -00 oc and fastened to each t	17, 18, 19, 20, 21, pt when shown. (i.e. diagonal web). tions R502.11.1 and l russ with 3-10d (0.13	R802.10.2 an 1" X 3") nails	d reference	d standard AN	ISI/ thed	The second s	SE 025	AROLINA AL PAGI/23 NEERSEL

