Job	Truss	Truss Type	Qty F	Ply	Prof New Homes - CARY TR RF CP
72330981	F201	Truss	8	1	Job Reference (optional)
UFP Mid Atlantic LLC, 5631 S. N	NC 62, Burlington, NC, Micah Clay	ton Run: 8.62 S	Sep 22 2022 Prin	t: 8.620 S	Sep 22 2022 MiTek Industries, Inc. Fri Aug 18 08:14:48 Page: 1
			ID:8bWov	O18Ujc3c	17y5EtvyaXydhD4-Q8nUayX_oI6_OV5KoI0hnIZNZqGeojUt1GGwUqymhH6
	2-6-	<u>0</u>	2-0		2-6-0
	0-1-8	↓ <del>1-3-0</del> ↓	2-6-0	<u>)</u>	0-1-8
	1.5x3 <b>⊪</b> 1.5x3=	ו ו 3x4= 1.5x3 וו 3x3=	1.5x3 II	3x4	1.5x3 = 4 = 1.5x3 ⊫ 3x4 =
1-2-0 -10-8 -10-8	-10-8 0,328 BM	2 3 4	5 T1 W2 B1	6	P-10-9 0-3-8 0-3-3
	14 3x5=	13 12 3x3 = 3x3 =	11 3x4=		10 3x3= 3x5=
	<u>k</u>	6-7-8 7-9 6-7-8 1-2	9-8  . 2-0 1		15-8-0 7-10-8
Scale = 1:38 Plate Offsets (X, Y): [9:	:0-2-0.Edgel. [11:0-1-8.Edgel. [14:	0-2-0.Edael			
Loading	(psf) Spacing	1-7-3 <b>CS</b> I	DEFI		in (loc) l/defl L/d PLATES GRIP
TCLL	40.0 Plate Grip DOL	1.00 TC 1.00 BC	0.51 Vert(Ll	_) - T) -	0.19 10-11 >988 480 MT20 244/190
BCLL	0.0 Rep Stress Incr	YES WB	0.43 Horz(C	T)	0.05 9 n/a n/a Weight: 77 lb ET = 20% E 11% E
LUMBER TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.2 WEBS 2x4 SP No.3 OTHERS 2x4 SP No.3	2(flat) 2(flat) 3(flat)		BRACING TOP CHORD BOT CHORD	Str vei Riç	ructural wood sheathing directly applied or 6-0-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing.
REACTIONS (Ib/siz FORCES TOP CHORD BOT CHORD	<ul> <li>(ibi) 9=673/0-3-8, (min. 0-1-8)</li> <li>(ib) - Max. Comp./Max. Ten All</li> <li>2-3=-1860/0, 3-4=-2488/0, 4-5=-</li> <li>13-14=0/1454, 12-13=0/2244, 11</li> <li>2-4570/2-444</li> </ul>	14=673/0-3-8, (min. 0-1-8) forces 250 (lb) or less except when shown. 2488/0, 5-6=-2488/0, 6-7=-1881/0 -12=0/2488, 10-11=0/258, 9-10=0/1454	0.44 00/467 0.4	0.0/404	
NOTES	7-9=-1559/0, 2-14=-1558/0, 7-10	=0/556, 2-13=0/529, 6-10=-491/0, 3-13=-500/0,	0-11=-33/457, 3-1.	2=0/481	
<ol> <li>Unbalanced floor live loa</li> <li>This truss is designed in TPI 1.</li> <li>Recommend 2x6 strongb</li> </ol>	ads have been considered for this accordance with the 2015 Interna backs, on edge, spaced at 10-00-0	design. tional Residential Code sections R502.11.1 and 10 oc and fastened to each truss with 3-10d (0.1	R802.10.2 and ref 31" X 3") nails. Str	erenced s ongbacks	tandard ANSI/
to wails at their outer end	as or restrained by other means.				
					WITH CARO
					Le Marton
					054919 8/18/2023
					VITER B. DOWN



Job	Truss		Truss Type		Qty	Ply	Prof New Hom	nes - CARY	TR RF CP		
72330981	F202	2	Truss		1	1	Job Reference	(optional)			
UFP Mid Atlantic LL	_C, 5631 S. NC 62, B	urlington, NC, Micah Cla	lyton	Run: 8.62 S	ep 22 2022	Print: 8.620	S Sep 22 2022 MiT	ek Industries,	Inc. Fri Aug 18 08	:14:49	Page: 1
1-2-0	0-10-8 0-10-8 0-10-8 0-3-8	0-1-8 33 1 2 3 23 - 5 22 - 2120 - 1 3x3 = -5 22 - 1-12 0 - 1	$\begin{array}{c} 2-6-0 \\ 1-3-0 \\ 3 \\ 1 \\ 3 \\ 1 \\ 5 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1 \\ 1$	$\begin{array}{c} 2-6 \\ 3x4 = \\ 6 \\ 11 \\ 18 \\ 3x3 = \\ 3x6 \text{ FP} \\ -11-0 \\ 7-7-8 \end{array}$	-0 + 7 16 3x4 +	1-1-8 8 15 3x3= 11-0-8 1-1-8	3x3= 3x6 FP 910 14 3x3= 1 6	3x4= 11 7-8-0 -7-8	2-6-0 0-1-8 12 24 8 13 3x5=	6-10-82-20	0-10-8 <sup>-</sup> 0-3-8
Scale = 1:41	113:0.2.0 F	dge] [16:0-1-8 Edge]									
	,. [13.0-2-0,6	<b>0</b> ,		001			i	1/-1-41 1/1	DI ATTO	0.015	
Loading TCLL	(psf) 40.0	Spacing Plate Grip DOL	1-7-3 1.00	TC	0.43 V	<b>≞⊢∟</b> ∋rt(LL)	ın (loc) -0.18 16-18	vdeti L/d >999 480	MT20	GRIP 244/190	
TCDL	10.0	Lumber DOL	1.00	BC	0.72 V	ert(CT)	-0.25 16-18	>727 360			
BCDL	0.0 5.0	Code	IRC2015/TPI2014	Matrix-SH	0.42   H	JIZ(GT)	0.00 13	n/a n/a	Weight: 89 lb	FT = 20%F, 1	1%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS REACTIONS	2x4 SP No.2(flat) 2x4 SP No.2(flat) 2x4 SP No.3(flat) 2x4 SP No.3(flat) All bearings 2 (lb) - Max Uplift	-3-8. except 13=0-3-8 All uplift 100 (lb) or less	at joint(s) 22 except 20=-273	BR TC BC (LC 4)	ACING P CHORD T CHORD	S V F	Structural wood shea rerticals. Rigid ceiling directly	athing directly applied or 6-0	applied or 6-0-0 c	oc purlins, excep	t end
	Max Grav	All reactions 250 (lb) or 19=895 (LC 1)	less at joint(s) 20, 21, 22 exc	ept 13=664 (LC 1),							
FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced 2) All plates ar 3) Truss to be 4) Gable studs 5) Provide me 6) This truss is TPI 1. 7) Recomment to walls at tt 8) CAUTION, I	(ib) - M 5-6=-1 18-19= 4-19=-2 I floor live loads have re 1.5x3 MT20 unless fully sheathed from o s spaced at 1-4-0 oc. chanical connection ( s designed in accorda d 2x6 strongbacks, on heir outer ends or res Do not erect truss bar	ax. Comp./Max. Ten A 777/0, 6-7=-2426/0, 7-8= 0/1346, 17-18=0/2177, 1 278/0, 5-19=-1449/0, 11- been considered for this otherwise indicated. ne face or securely brac by others) of truss to bea nce with the 2015 Intern n edge, spaced at 10-00 trained by other means. ckwards.	Il forces 250 (lb) or less exce -2426/0, 8-9=-2426/0, 9-10= 6-17=0/2177, 15-16=0/2426 13=-1534/0, 5-18=0/561, 11- e design. ed against lateral movement aring plate capable of withsta ational Residential Code sec -00 oc and fastened to each t	ept when shown. -2426/0, 10-11=-1827/0 ,14-15=0/2199, 13-14= 14=0/515, 6-18=-520/0 (i.e. diagonal web). nding 100 lb uplift at joi tions R502.11.1 and R8 truss with 3-10d (0.131*	0/1431 , 10-14=-4i nt(s) 22 ex (02.10.2 ar X 3") nails	34/0, 6-16=0/ cept (jt=lb) 20 d referenced . Strongbacl	269, 10-15=0/290 D=272. I standard ANSI/ ks to be attached				
							1		0549 8/18/2	AROL 14 19 2023	Manuna .



Job	Truss		Truss Type		Qty	Ply	F	Prof New Ho	omes -	CARY	TR RF CP	
72330981	F203		Truss		1	1 1		oh Referer	nce (ont	ional)		
UFP Mid Atlantic L	LC, 5631 S. NC 62, Bu	rlington, NC, Micah Cla	yton	Run: 8.62 S	Sep 22 20	022 Print: 8.6	520 S Se	ep 22 2022 N	liTek Ind	ustries,	Inc. Fri Aug 18 08	:14:50 Page
					ID:cn4	A7kTmF0kv	vFGXHo	MQB6lydhD	3-qjTdD_	_Zs4DU	YFyqvTQaOPwBs	31FT?3E59EVa59ymh
	0-10-8 0-10-8 0-10-8 0-3-8	2-6-0 0-1-8 1.5x3 II 1.5x3 II 1.	$\begin{array}{c} 1 \\ 1 \\ 3x5 \\ 2 \\ 3x4 \\ 2 \\ 3x4 \\ 2 \\ 3x4 \\ 15 \\ 3x4 \\ \hline \\ 7-10-8 \\ 7-10-8 \end{array}$	2-6-0 1.5x3 T1 4 T1 T4 T3 MT18HS 3x10 FP 3x4=	<u>1-11-0</u> 1 <u>9-9-8</u> 1-11-0	2-6 3x6 FP 5x3 II 5 6 12 3x4 =	5-0	3x4= 7 W3 B2 11 3x	3 T2 W3 4= <u>8-0</u> 0-8	x5= 8	0-1-8 2-6-0 1.5x3= 1.5x3 = 9 8 10 3x6=	0-10-8 0-10-8 0-10-8 0-3-8
Scale = 1:41												
Plate Offsets (X, Y	′): [12:0-1-8,Ec	dge], [13:0-1-8,Edge]										
Loading	(psf)	Spacing Plate Grip DOI	1-7-3	CSI	0.60	DEFL	0.4	in (loc)	l/defl	L/d		GRIP
TCDL	40.0 10.0	Lumber DOL	1.00 1.00	BC	0.62	Vert(LL) Vert(CT)	-0.: -0.:	21 13-15 37 13-15	>765 >564	480 360	MT20	244/190 244/190
BCLL	0.0	Rep Stress Incr	YES	WB Matrix-SH	0.49	Horz(CT)	0.0	07 10	n/a	n/a	Weight: 85 lb	FT = 20%F 11% ⊑
LUMBER TOP CHORD BOT CHORD WEBS OTHERS REACTIONS	2x4 SP No.2(flat) 2x4 SP No.2(flat) 2x4 SP No.3(flat) 2x4 SP No.3(flat) (lb/size) 1	0=761/0-3-8, (min. 0-1-	8), 16=761/0-3-8, (min. 0-1-8	3)	BRACING TOP CHOP BOT CHOP	RD RD	Struc vertic Rigid	tural wood sl als. ceiling direc	neathing tly applie	directly ed or 2-2	applied or 6-0-0 c -0 oc bracing.	oc purlins, except end
FORCES TOP CHORD BOT CHORD WEBS	(Ib) - Ma 2-3=-22( 15-16=0 8-10=-17	x. Comp./Max. Ten A 00/0, 3-4=-3179/0, 4-5= /1673, 14-15=0/2685, 1 795/0, 2-16=-1795/0, 8-	II forces 250 (Ib) or less exce -3179/0, 5-6=-3179/0, 6-7=-3 3-14=0/2685, 12-13=0/3179, 11=0/686, 2-15=0/686, 7-11=	ept when shown. 8179/0, 7-8=-2200/0 , 11-12=0/2685, 10- =-632/0, 3-15=-632/	11=0/1673 ), 7-12=0/75	56, 3-13=0/7	56					
<ol> <li>Unbalanced</li> <li>All plates a</li> <li>This truss is TPI 1.</li> <li>Recommendation</li> </ol>	d floor live loads have b re MT20 plates unless s designed in accordan ad 2x6 strongbacks, on	been considered for this otherwise indicated. Ince with the 2015 Internated edge, spaced at 10-00-	design. ational Residential Code sec 00 oc and fastened to each t	tions R502.11.1 and truss with 3-10d (0.1	l R802.10.2 31" X 3") na	and referen ails. Strongb	ced star backs to	ndard ANSI/ be attached				
to walls at t	men outer enas or restr	anieu by other means.										
									4		ORTH C	AROL 14
										man	SUNTER	EER. S



Job	Truss	Truss Type		Qty Ply	Prof New H	lomes - CARY	TR RF CP	
72330981	F204	Truss		5	1 Job Refere	nce (optional)		
UFP Mid Atlantic LLC, 5631 S.	NC 62, Burlington, NC, N	/icah Clayton	Run: 8.62 S Sep	22 2022 Print: 8.	.620 S Sep 22 2022	MiTek Industries	, Inc. Fri Aug 18 08:	14:50 Page: 1
				D:cn4A7kTmF0kv	wFGXHoMQB6lydhD	)3-qjTdD_Zs4DL	JYFyqvTQaOPwBse	1GT?3N59EVa59ymhH3
0-10-8 0-10-8	0-1-8 1.5x3 II 1.5x3 II	2-6-0 1-3-0 3x5= 3x4+ 2 3x4+ 2 3x4+ 15 3x3=	2-6-0 1.5x3 II 1.5x3 II	2-6 3x6 FP 1.5x3 II 5 6 13 3x4 =	3x4= 7 12 1 MT18HS 3x10 FP 3>	3x5= T2 W3 B2 1 3=	0-1-8 2-6-0 1.5x3= 1.5x3 II 9 8 10 3x6=	6-10-8 0-10-8 0-10-8 0-3-8
	/	7-10-8	9-6	-0	<u> </u>	<u>4-8</u> 0-8		
		1100		0	, ,	00		
Scale = 1:40.5								
Plate Offsets (X, Y): [	13:0-1-8,Edge], [14:0-1-8	,Edge]						
Loading	(psf) Spacing	1-7-3	CSI	DEFL	in (loc)	l/defl L/d	PLATES	GRIP
TCLL	40.0 Plate Grip D	OL 1.00	TC	0.58 Vert(LL)	-0.25 13-14	>833 480	MT18HS	244/190
	10.0 Lumber DOI	L 1.00	BC	0.88 Vert(CT)	-0.34 13-14	>609 360	MT20	244/190
BCDL	5.0 Code	IRC2015/TPI2014	Matrix-SH	0.40 11012(01)	0.00 10	1#a 1#a	Weight: 84 lb	FT = 20%F, 11%E
TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No OTHERS 2x4 SP No OTHERS 2x4 SP No <b>REACTIONS</b> (b/s FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live Ic 2) All plates are MT20 pla 3) This truss is designed i TPI 1.	<ul> <li>b.2(flat)</li> <li>b.2(flat)</li> <li>b.3(flat)</li> <li>b.3(flat)</li> <li>b.3(flat)</li> <li>b.3(flat)</li> <li>comp./Max.</li> <li>com</li></ul>	Inical, (min. 0-1-8), 16=748/0-3-8, (mi . Ten All forces 250 (lb) or less exce 1/0, 4-5=-3081/0, 5-6=-3081/0, 6-7=- 0/2623, 13-14=0/3081, 12-13=0/2623 760/0, 8-11=0/666, 2-15=0/666, 7-11 ed for this design. cated. 15 International Residential Code sec	TOP BOT n. 0-1-8) apt when shown. 3081/0, 7-8=-2153/0 4, 11-12=0/2623, 10-11=0/ =-612/0, 3-15=-612/0, 7-1 ctions R502.11.1 and R800	CHORD CHORD 1641 3=0/706, 3-14=0/ 2.10.2 and referen	Structural wood s verticals. Rigid ceiling dire 706	sheathing directly ctly applied or 10	y applied or 6-0-0 oc	purlins, except end
<ol> <li>Recommend 2x6 stron to walls at their outer e</li> </ol>	gbacks, on edge, spaced nds or restrained by other	at 10-00-00 oc and fastened to each means.	truss with 3-10d (0.131" X	(3") nails. Strong	backs to be attache	t		
						Hunn	0549 8/18/2	19 023
						3	NTER B	DOSTITI



Job	Truss	Truss Type		Qty	Ply	Prof New Homes - 0	CARY TR	RF CP	
72330981	F205	Truss		6	1	Job Reference (opti	onal)		
UFP Mid Atlantic LLC, 5631 S	. NC 62, Burlington, N	IC, Micah Clayton	Run: 8.62 S Se	ep 22 2022 P	rint: 8.620 S	Sep 22 2022 MiTek Ind	ustries, Inc.	Fri Aug 18 08:1	4:50 Page: 1
0-10-8	0-1-8 1.5x3 II 1.5x3 II 1.5x3 II 1.5x3 II 20 3x6 =	2-6-0 1-3-0 3x5= 2 3x3= 2 3x3= 3x4= 3x4=	3x3 = 1.5x3  II $4 5  II$ $18 17  II$ $3x3 = 3x3 = 3x3$	0-0 1.5x3 ⊪ 6 16 3x3= MT18⊢	3x3= 7 15 IS 3x10 FP	3x6 FP 3x3= 8 9 14 13 3x4= 3x3=	2 3x5=	Q-1-E 2-6-0 1.5x3: 1.5x3	= - - - - - - - - - - - - -
	<u> </u>	<u>9-1-8</u> 9-1-8	<u>10-</u> 1-5	10-8   9-0 1		<u>20-0-0</u> 9-1-8		+	
Scale = 1:44.5									
Loading TCLL TCDL BCLL BCLL BCDL TOP CHORD 2x4 SP N POT CHORD 2x4 SP N	(psf) Spacing 40.0 Plate Gr 10.0 Lumber 0.0 Rep Stra 5.0 Code	<b>g</b> 1 rip DOL 1. DOL 1. ess Incr Y IRC2015/TPI20	7-3 <b>CSI</b> .00 TC .00 BC ES WB .14 Matrix-SH BR TO	0.58 Vert 0.80 Vert 0.57 Horz	L (LL) (CT) 2(CT)	in (loc) l/defl -0.39 16-17 >607 -0.54 16-17 >442 0.08 12 n/a	L/d Pl 480 M 360 M n/a W	L <b>ATES</b> T18HS T20 leight: 98 lb	<b>GRIP</b> 244/190 244/190 FT = 20%F, 11%E c purlins, except end
BOT CHORD2x4 SP NWEBS2x4 SP NOTHERS2x4 SP N	o.3(flat) o.3(flat) o.3(flat)		BO	T CHORD	Ri	gid ceiling directly applied	d or 10-0-0	oc bracing.	
REACTIONS     (b)       FORCES     TOP CHORD       BOT CHORD     BOT CHORD       WEBS     10       1     Unbalanced floor live I       2)     All plates are MT20 plates are 3x3 MT2       3)     All plates are 3x3 MT2       4)     This truss is designed TPI 1.       5)     Recommend 2x6 stror to walls at their outer of the strong strength of the strengt of the strength of the strength of the strengt of the str	size) 12=863/0-3 (lb) - Max. Comp./l 2-3=-2575/0, 3-4=- 19-20=0/1928, 18- 10-12=-2069/0, 2-2 bads have been consistes unless otherwise 0 unless otherwise ind in accordance with the gbacks, on edge, spa nds or restrained by o	I-8, (min. 0-1-8), 20=863/0-3-8, (min. 0 Max. Ten All forces 250 (lb) or less -3559/0, 4-5=-4077/0, 5-6=-4077/0, 6- 19=0/3188, 17-18=0/3909, 16-17=0/4 20=-2069/0, 10-13=0/842, 2-19=0/842 dered for this design. indicated. dicated. e 2015 International Residential Code ced at 10-00-00 oc and fastened to exther means.	D-1-8) except when shown. -7=-4077/0, 7-8=-3559/0, 8-8 1077, 15-16=0/3909, 14-15=0 2, 8-13=-798/0, 3-19=-798/0, e sections R502.11.1 and R8 ach truss with 3-10d (0.131"	9=-2575/0, 9- 0/3909, 13-14 8-14=0/483, 02.10.2 and X 3") nails.	10=-2575/0 4=0/3188, 1: 3-18=0/483 referenced s Strongbacks	2-13=0/1928 5, 7-14=-456/0, 4-18=-456 standard ANSI/ s to be attached	5/0, 7-16 <del>=</del> -'	132/527, 4-17=-	132/527
						H	The second secon	0549 8/18/20 8/18/20 1/750 00	19 023 005 005 005 005 005 005 005 005 005 00

Job	Truss		Truss Type		Qtv	Plv	Prof N	lew Hom	es - CAR	Y TR RF CF	5		
72330981	F206		Truce		10	1							
	NC 62 Burlin	aton NC Misch Clay	11035	Bun: 9.62 5. 50	n 22 2022	2 Drint: 9 620 9	Job R	eference	e (optiona	l) Da Ina Eri Auc	10 00.14.5	1 г	2000: 1
OFF INIC Allantic LLC, 5631 3	NC 02, Builli	igion, NC, Mican Clay		Run. 6.62 5 56	ID:4ze	eYK3UO0Ksn	tQ6TM3x	QfyydhD2	-Jv1?QKal	JrXcPt6P5175	dy8k1RRdv	r kVIEOuE7dby/	/mhH2
0-10-8 0-10-8	0-1 1.1 1.5 865-0 20 20 3	2-6-0 1-8 5x3 II 5x3 = 3x5 1 2 1 2 1 2 3x6 =	1-3-0 = 3x3= 3 19 18 3x4=	3x3 = 1.5x3  II $4 5  TI$ $B  II$ $17 = 3x3 = 3x$	9-0 1.5x3 6 16 3x3= MT1	" 3x3= 7 7 15 = 8HS 3x10 FP	14 3x3=	3x3= 8	3x x6 FP 9 11 B2 13 bx4=	2-6-0 5=	0-1-8 1.5x3= 1.5x3 ⊪ 12 3x6=	6-10-8-20	0-3-8
	ł	,	<u>9-1-8</u> 9-1-8	10-1 1 1-9	10-8   9-0			<u>20-0-0</u> 9-1-8	)				
Scale = 1:44.5													
Loading TCLL TCDL BCLL BCDL	(psf) 40.0 1 40.0 1 10.0 1 0.0 1 5.0 0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	1-7-3 1.00 1.00 YES IRC2015/TPI2014	CSI TC BC WB Matrix-SH	0.58 V 0.80 V 0.57 H	PEFL /ert(LL) /ert(CT) lorz(CT)	in -0.39 -0.54 0.08	(loc)   16-17 = 16-17 = 12	I/defl L/ >607 48 >442 36 n/a n/	d <b>PLATES</b> 0 MT18HS 0 MT20 a Weight: 9	<b>G</b> 24 24 8 lb F	<b>RIP</b> 14/190 14/190 Γ = 20%F, 119	6E
LUMBER           TOP CHORD         2x4 SP M           BOT CHORD         2x4 SP M           WEBS         2x4 SP M           OTHERS         2x4 SP M	0.2(flat) 0.1(flat) 0.3(flat) 0.3(flat)			BR. TOI BO	<b>ACING</b> P CHORD T CHORD	) S Vi ) R	Structural erticals. Rigid ceilir	wood shea	athing direc	tly applied or t	5-7-14 oc pu ing.	ırlins, except o	ənd
REACTIONS     (lb/       FORCES     TOP CHORD       DOT CHORD     BOT CHORD       WEBS     10       Unbalanced floor live la       2)     All plates are MT20 pla       3)     All plates are 3x3 MT2       4)     This truss is designed TPI 1.       5)     Recommend 2x6 stron to walls at their outer er	(lb) - Max. ( 2-3=-2575/ 19-20=0/19 10-12=-206 wads have been tes unless other in accordance gbacks, on ed inds or restrain	863/0-3-8, (min. 0-1-8 Comp./Max. Ten All 0, 3-4=-3559/0, 4-5=-4 328, 18-19=0/3188, 17 39/0, 2-20=-2069/0, 10 en considered for this of nerwise indicated. wise indicated. with the 2015 Internal loge, spaced at 10-00-0 ned by other means.	), 20=863/0-3-8, (min. 0-1-8 forces 250 (lb) or less exce 4077/0, 5-6=-4077/0, 6-7=-4 -18=0/3909, 16-17=0/4077 -13=0/842, 2-19=0/842, 8- design. tional Residential Code sec	3) 4077/0, 7-8=-3559/0, 8-9 , 15-16=0/3909, 14-15=( 13=-798/0, 3-19=-798/0, tions R502.11.1 and R8/ truss with 3-10d (0.131"	)=-2575/0, )/3909, 13 8-14=0/4{ 02.10.2 ar X 3") nails	9-10=-2575/0 3-14=0/3188, 1 83, 3-18=0/48 nd referenced s. Strongback	) 12-13=0/1 3, 7-14=- standard ss to be a	928 456/0, 4-1; ANSI/ ttached	8=-456/0, 7	7-16=-132/527	, 4-17=-132	/527	
								ł	The second secon	UN NORTH UN 8/ NTE	CAR 54919 18/202	3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	A MARINE AND A MARINE



Job	Truss	Truss Type	Qty	Ply	Prof New Homes - CARY TR RF CP
72330981	F207	Truss	1	1	Job Reference (optional)



























			1										
Job	Trus	SS	Truss Type		Qty	P	Ply	Prof New	Homes -	CARY	TR RF CP		
72330981	FG	2	Truss		1		1	Job Refer	ence (opt	ional)			
UFP Mid Atlantic LI	LC, 5631 S. NC 62,	Burlington, NC, Micah Cla	yton	Run: 8.62 S S	ep 22 202	22 Print	t: 8.620 S	Sep 22 2022	MiTek Ind	ustries,	Inc. Fri Aug	18 08:14:52	Page: 1
				14.0.01	ID:	v7?qb7	7Z9cAcxbL	ZdiK2qvDyd	hCy-n5bNo	dga7crk	GUG_Hbrcs	ULGLFr62T3SC	DdY_hA1ymhH1
				<u> 1-3-0</u> ]									
				1-1	-61	0-1-8							
				0-1-8	-0	Ħ							
				#	MSH422								
				MSH422									
				2x5 II	1	1.5x3=							
				1.5x3= 3x6 II	3x6 II	2x5 🛛							
				ν ν 1 <del>0 √2</del>	<del>7</del> 3√12	-41	~~- ~~-	т "°					
				5 BWH W2			-6-	60					
				9 8	7	× <sup>5</sup>	6-	<u> </u>					
				3x5= 1.5x3 u	6	3x5=							
					1.5x3 <b>II</b>								
					4 3-5-4	1-4-6							
				2-8- 1 1-7-8 1	-14 3-9	-1							
				1-7-8 1-1		11							
					0-8-6 0-3-	13							
Scale - 1:52 3					C	J-1-5							
Diale = 1.32.3	14.0.0.0	Educit (5:0,0,0,0,5,ducit (0:0	0.0 5 4 - 1										
	): [4:0-3-0,	Eagej, [5:0-2-0,Eagej, [9:0-	-2-0,Edgej		i								
Loading	(psf) ⊿∩ ∩	) Spacing Plate Grip DOI	1-7-3 1 00	CSI TC	0.06	DEFL	) -	in (loc 0.01 7-9	) l/defl 3 >qqq	L/d 480	PLATES	GRIP 244/10	0
TCDL	40.0	Lumber DOL	1.00	BC	0.23	Vert(C	-/ - T) -	0.01 7-8	3 >999	360		244/13	~
BCLL	0.0	Rep Stress Incr	NO	WB Matrix B	0.12	Horz(C	CT)	0.00 5	5 n/a	n/a	Woight: 30		0%E 11%E
	5.0		1102010/1112014								Traight. 30		5,01, 11/0L
	2v/ SP No 2(flat)			BR	ACING	П	Str	uctural wood	shaathing	directly	applied or 4	-4-6 oc purlins	except end
BOT CHORD	2x4 SP No.2(flat)						ver	ticals.		d as 10			except end
WEBS	2x4 SP No.3(flat) 2x4 SP No.3(flat)			ВС		D	Rig	na cening an	ectly applie		-0-0 oc braci	ng.	
REACTIONS	(lb/size)	5=293/1-2-10, (min. 0-1-	8), 6=68/0-3-8, (min. 0-1-8),	9=330/ Mechanical,									
	Max Grav	(min. 0-1-8) 5=322 (LC 3), 6=91 (LC	4), 9=372 (LC 3)										
FORCES	(lb) -	Max. Comp./Max. Ten A	Il forces 250 (lb) or less exce	ept when shown.									
TOP CHORD	2-3=-	439/0	0 5 6 0/420										
WEBS	8-9=( 3-5=-	.,439, 7-0=0/439, 6-7=0/43 528/0, 2-9=-526/0	9, 3-0=0/439										
NOTES													
<ol> <li>Unbalanced</li> <li>This truss is</li> </ol>	tioor live loads hav designed in accord	ve been considered for this dance with the 2015 Interna	design. ational Residential Code sec	tions R502.11.1 and R8	302.10.2 a	and refe	erenced st	tandard ANS	I/				
TPI 1. 3) Recommen	d 2x6 stronobacks	on edge, spaced at 10-00-	00 oc and fastened to each	truss with 3-10d (0.131	' X 3") na	ils, Str	ongbacks	to be attache	ed				
to walls at t	heir outer ends or re MSH422 (With 10d	estrained by other means.	ails into Truss) or equivalent	spaced at 1-7-3 oc ma	x starting	1 at 1-2	-12 from #	he left end to					
2-10-15 to (	connect truss(es) to	back face of top chord.		opaced at 1-7-5 oc IIId	n. startinty	yai 1-3	, 12 mont li						
6) In the LOAD	D CASE(S) section,	loads applied to the face of	f the truss are noted as front	t (F) or back (B).									
LOAD CASE(S)	Standard	Lumber Increase 1.00 P	ata Inaraaca 1.00										
Uniform Lo	וועפ (balanced): bads (lb/ft)	Lumber increase=1.00, PI	ate increase=1.00										
Concerter	Vert: 5-9=-8, 1	-4=-80											
Concentral	Vert: 3=-169 (I	B), 2=-169 (B)											
											min	CAPIL	,
											"RTH	ARO/	ise
									1	13.	20:05	19510ir.	The .
										E	Ant	115	DON
									R	M	110	SEAL	
									2.55	1	: 0!	54919	
										1111	8/1	8/2023	in the
										1.	SU.EN	GINEEP	Si
										-	I, VIF	00	un



Job	Trus	S	Truss Type		Qty	Ply	Prof	New Ho	mes - C	CARY	TR RF CP	
72330981	K20	)1	Truss		1	1	Job I	Referenc	e (optio	onal)		
UFP Mid Atlantic LLC	C, 5631 S. NC 62,	Burlington, NC, Micah Clay	rton	Run: 8.62 S	Sep 22 20	)22 Print: 8.62	20 S Sep 22	2 2022 Mi	Tek Indu	istries,	Inc. Fri Aug 18 08	:14:53 Page: 1
1-2-0	0-10-8 0-10-8 0-10-8 0-10-8	$\begin{array}{c} 0-1-8 \\ 1 \\ 2 \\ BLVI \\ 26 \\ 26 \\ 25 \\ 3x3 = \\ 1 \end{array}$	3 4 	5 6 22 21	7 20 <u>15-8-0</u> 15-8-0	8 11 81 20 19	9 9 18	10 17	11 	1	0-1-8 12 13 28 40 15 14 3x3=	0-10-8-2-0 0-10-8-1-1-8-0-0-3-8-0-1-0-8-0-0-3-8-0-0-3-8-0-0-3-8-0-0-3-8-0-0-3-8-0-0-0-0
Scale = 1:38												
Loading TCLL TCDL BCLL BCDL	(psf) 40.0 10.0 0.0 5.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.00 YES IRC2015/TPI2014	CSI TC BC WB Matrix-R	0.08 0.01 0.03	DEFL Vert(LL) Vert(TL) Horiz(TL)	in n/a n/a 0.00	(loc) - - 14	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 66 lb	<b>GRIP</b> 244/190 FT = 20%F, 11%E
LUMBER TOP CHORD 22 BOT CHORD 22 WEBS 22 OTHERS 22	2x4 SP No.2(flat) 2x4 SP No.2(flat) 2x4 SP No.3(flat) 2x4 SP No.3(flat)				BRACING TOP CHOI BOT CHOI	RD RD	Structural verticals. Rigid ceili	wood she	eathing o	directly d or 10	applied or 6-0-0 c	oc purlins, except end
FORCES         NOTES         1)       All plates are         2)       Gable require         3)       Truss to be fu         4)       Gable studs s         5)       This truss is c         TPI 1.       6)         6)       Recommend to walls at the	(lb) - Max Grav (lb) - 1.5x3 MT20 unle ss continuous bott ully sheathed from spaced at 1-4-0 or designed in accorr 2x6 strongbacks, sir outer ends or m	All reactions 250 (lb) or le 23, 24, 25, 26 Max. Comp./Max. Ten All ss otherwise indicated. om chord bearing. one face or securely brace tance with the 2015 Interna on edge, spaced at 10-00- (strained by other means.	ess at joint(s) 14, 15, 16, 17, forces 250 (lb) or less exce d against lateral movement tional Residential Code sec 00 oc and fastened to each	18, 19, 20, 21, 22, apt when shown. (i.e. diagonal web). tions R502.11.1 and truss with 3-10d (0.1	R802.10.2 31" X 3") n	and referenc	ed standard	d ANSI/ attached				
									H	and the second s	NGIN NTER	AROUNT 19 2023 EER. 69



Job	Trus	SS	Truss Type		Qty	Ply	Prof	New Ho	mes - C	ARY	TR RF CP	
72330981	K20	02	Truss		1	1	Job F	Reference	e (optio	onal)		
UFP Mid Atlantic LI	LC, 5631 S. NC 62,	Burlington, NC, Micah Clay	ton	Run: 8.62 S	Sep 22 20	)22 Print: 8.6	20 S Sep 22	2022 Mi	Tek Indu	stries, I	Inc. Fri Aug 18 08	3:14:53 Page: 1
1-2-0	0-10-8 0-10-8 0-10-8 0-3-8	0-1-8 1 2 BUT STI 31 30 3x3=	3 4 5 29 28 27	$\begin{array}{c} 6 \\ 11 \\ 7 \\ 31 \\ 26 \\ 26 \\ 25 \end{array}$	8 8 24 3	9 23 22 x6 FP	3x6 FP 101 21		13 B2 19		0-1-8 14 156 14 156 18 17 3x5 =	
Scale = 1:41		<u> </u>			<u>17-8-0</u> 17-8-0							
Loading TCLL	(psf) 40.0	) Spacing Plate Grip DOL	2-0-0 1.00	CSI TC	0.09	DEFL Vert(LL)	in n/a	(loc) -	l/defl n/a	L/d 999	PLATES MT20	<b>GRIP</b> 244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.02	Vert(TL)	n/a	-	n/a	999		
BCLL BCDL	0.0 5.0	Code Rep Stress Incr	YES IRC2015/TPI2014	WB Matrix-R	0.03	Horiz(IL)	0.00	17	n/a	n/a	Weight: 75 lb	FT = 20%F, 11%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS REACTIONS	2x4 SP No.2(flat) 2x4 SP No.2(flat) 2x4 SP No.3(flat) 2x4 SP No.3(flat) All bearings	s 17-8-0.		E	BRACING FOP CHOI	RD RD	Structural verticals. Rigid ceili	wood shi	eathing d y applied	irectly	applied or 6-0-0 o 0-0 oc bracing.	oc purlins, except end
FORCES NOTES 1) All plates ar 2) Gable requi 3) Truss to be 4) Gable studs 5) This truss is TPI 1. 6) Recomment to walls at the state of the	(lb) - I re 1.5x3 MT20 unles ires continuous bottt fully sheathed from s spaced at 1-4-0 oc a designed in accord d 2x6 strongbacks, heir outer ends or re	Max. Comp./Max. Ten All Max. Comp./Max. Ten All ss otherwise indicated. from chord bearing. In one face or securely brace c. dance with the 2015 Interna on edge, spaced at 10-00-0 estrained by other means.	forces 250 (lb) or less exce d against lateral movement tional Residential Code sec 00 oc and fastened to each t	pt when shown. (i.e. diagonal web). tions R502.11.1 and I russ with 3-10d (0.13	R802.10.2 :1" X 3") n	and referenc	ced standard	I ANSI/ ttached	а	1545	ORTH C	AROLINA
									H	and the second	0549 8/18/2 %CNGIN	



Job	Truss		Truss Type		Qty	Ply		Prof Ne	ew Hom	nes - C/	ARY '	TR RF CP	
72330981	K203		Truss		1	1		loh Re	ference	e (ontio	nal)		
UFP Mid Atlantic LLC, 5631 S.	NC 62, Bu	rlington, NC, Micah Clay	/ton	Run: 8.62 S Se	ep 22 20	22 Print: 8.6	20 S S	Sep 22 2	022 MiT	ek Indus	tries, I	nc. Fri Aug 18 08:	14:53 Page: 1
						D:4zeYK3UC	00Ksn	tQ6TM3	xQfyydh	D2-FI9m	nr?bIN	8s76QZU8Y751Z	pVjFViCX8XrCjEiTymhH0
<u>1-2-0</u>   / _ / 0-10-8	V-1024 0.33-8	0-1-8 35 2 3 35 31 34 33 32 3×3=	4 5 B1 31 30	6 7 8 1 7 8 29 28 27 30 19 19-	9 26 25 x6 FP -7-8 -7-8	3x6 FF	1	2	13	14 14 12 12 21	15	0-1-1 5 16 17 	
Scale = 1:43.9													
Loading	(psf) 40.0	Spacing Plate Grip DOI	2-0-0 1 00	CSI TC	0.08	DEFL Vert(LL)		in n/a	(loc)	l/defl n/a	L/d 999	PLATES MT20	<b>GRIP</b> 244/190
TCDL	40.0 10.0	Lumber DOL	1.00	BC	0.08	Vert(TL)		n/a	-	n/a	999 999	WI120	244/190
BCLL BCDL	0.0 5.0	Rep Stress Incr Code	YES IRC2015/TPI2014	WB Matrix-R	0.03	Horiz(TL)	0	0.00	18	n/a	n/a	Weight: 82 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 OTHERS 2x4 SP No REACTIONS All I (lb) - Ma: FORCES NOTES 1) All plates are 1.5x3 MT 2) Gable requires continu 3) Truss to be fully sheath	2.2(flat) 0.2(flat) 0.3(flat)	-7-8. Il reactions 250 (lb) or le 8, 29, 30, 31, 32, 33, 34 x. Comp./Max. Ten Al therwise indicated. chord bearing. e face or securely brace	ess at joint(s) 18, 19, 20, 21, I forces 250 (Ib) or less exce ed against lateral movement	BR TO BO , 22, 23, 24, 25, 27, ept when shown. (i.e. diagonal web).	ACING P CHOF T CHOF	RD	Stru verti Rigi	ictural w icals. d ceiling	ood shea	athing di	rectly : or 10-	applied or 6-0-0 o	c purlins, except end
<ol> <li>Gable studs spaced at</li> <li>This truss is designed i TPI 1.</li> <li>Recommend 2x6 stron</li> </ol>	1-4-0 oc. n accordan	ce with the 2015 Interna	ational Residential Code sec	tions R502.11.1 and R8	02.10.2 X 3") n	and reference	ed sta	andard A	NSI/				
to walls at their outer e	ids or restr	ained by other means.							1	H	and the second second	0549 8/18/2	19 1023 EFR.059

