Job	Truss	Truss Type	I	Otv	Plv	PRO BI DRS	S/SMIT	HEIEI	D PLAN 2ND FL		
72274660	F200	F200 Truss 1 1 Let Defenses (articul)									
LIEP Mid Atlantic LLC 5631 S N	NC 62 Burlington NC Micah (lavton	Rup: 8.51 S. Oct	22 2021	Print: 8 510 S	Job Reference (optional) 10 S Oct 22 2021 MiTek Industries. Inc. Thu Jun 16 10:53:22 Page:					
	to bz, Bullington, tto, Micari C	hayton	Kull: 0.51 0 Oct	ID:w	WHL3JJHSrF	PSRLF_S9UFi8zt	tVLu-5RE	dmMPF	Ra?ZknlE90JYJuyr4	?1Bw32lRtVUlhqz5kyR	
1-4-0 1-0-8 1-0-8 1-0-8 0-3-8	$\begin{array}{c} 2-6-0 \\ 0-1-8 \\ 1.5x3 \\ 1.5x3 \\ 1.5x3 = \\ 20 \\ 3x6 = \\ \end{array}$	$\begin{array}{c} 1 \\ 1 \\ 3x5 \\ 2 \\ 3x3 \\ 3x4 \\ 3x4 \\ 9-1-8 \end{array}$	3x6 FP $3x3 = 1.5x3 II$ $4 5 6$ 17 $3x3 = 3x3 = 10-1-8$	-0 1.5x3 7 16 3x3 11-1-8	-0-0 3x3= 31 8 W/ B=	3x3= 9_T2 15 f4 3x3= 18HS 3x10 FP 20-	13 3x4=	3x5= 10 B2	2-6-0 0-1-8 1.5x3= 1.5x3 = 1.5x3 = 12 3x6=	 1.440 1.0-81 1.0-81 1.0-81 1.3-8 	
	ſ	9-1-8	11-0-01	1-0-01		8-1	0-8		1		
Scale = 1:44.5											
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	CSI TC BC WB Matrix-SH	0.64 Ve 0.76 Ve 0.51 Hc	EFL ert(LL) ert(CT) orz(CT)	in (loc) -0.29 16-17 -0.41 16-17 0.07 12	l/defl >803 >584 n/a	L/d 480 360 n/a	PLATES MT18HS MT20 Weight: 101 lb	GRIP 244/190 244/190 FT = 20%F, 11%E	
LUMBER TOP CHORD 2x4 SP No BOT CHORD 2x4 SP No. WEBS 2x4 SP No. OTHERS 2x4 SP No.	2(flat) 1(flat) 3(flat) 3(flat)		BRA TOP BOT	CING CHORD CHORD	Si ve Ri	tructural wood sh erticals. igid ceiling direct	neathing d	lirectly a	applied or 6-0-0 oc p 0-0 oc bracing.	purlins, except end	
REACTIONS (Ib/sit FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live loa 2) All plates are MT20 plate 3) All plates are 3x3 MT20 4) This truss is designed in TPI 1. 5) Recommend 2x6 strongl to walls at their outer end	2e) 12=863/0-3-8, (min. 0- (lb) - Max. Comp./Max. Ten 2-3=-2224/0, 3-4=-3073/0, 4- 19-20=0/1665, 18-19=0/2752 7-16=-275/25, 2-20=-1829/0, ads have been considered for th se unless otherwise indicated. unless otherwise indicated. accordance with the 2015 Inte backs, on edge, spaced at 10- ds or restrained by other mean	1-8), 20=863/0-3-8, (min. 0-1-4 All forces 250 (lb) or less exce 5=-3515/0, 5-6=-3515/0, 6-7=-3 , 17-18=0/3373, 16-17=0/3515 2-19=0/776, 3-19=-735/0, 3-16 nis design. rnational Residential Code sec 00-00 oc and fastened to each 3.	3) pt when shown. 3515/0, 7-8=-3515/0, 8-9= , 15-16=0/3375, 14-15=0/ =0/447, 4-18=-417/0, 4-1 tions R502.11.1 and R80 truss with 3-10d (0.131" >	3070/0, { 2752, 13- 7=-122/4{ 2.10.2 and (3") nails.	9-10=-2224/0 .14=0/2752, 1 93, 10-12=-18 d referenced :	2-13=0/1666 i29/0, 10-13=0/7 standard ANSI/ s to be attached	77, 9-13=	-733/0,	9-15=0/443, 8-15=-	427/0, 8-16=-118/511	
							Ċ	In A MULTIN	SEAL 04276 6/16/20 04276	a 122 DU	

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Job	Truss	Truss Type	Qty	Ply	PRO BLDRS / SMITHFIELD PLAN 2ND FL	
72274660	F201	Truss	7	7 1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S. N	NC 62, Burlington, NC, Micah Cla	/ton	Run: 8.51 S Oct 22 20	021 Print: 8.510 S	Oct 22 2021 MiTek Industries, Inc. Thu Jun 16 10:53:23 Pag	ge: 1
			I	D:PirjHtKvD9Xj3V	qA0s?UFLztVLt-2do?ziQ3KIhbOvpL203YRAOB8QWMoUWa69DIDGz5	skyQ
	<u>} 2-6-0</u> 0-1-8 11-3-01	<u> 2-0-(</u>	0 0-11-12	<u>∤ 2-€</u>	6-0 + + 1-6-2 + 0-1-8	
	∦ / → 1.5x3 u		<i>∤</i> —-1	3x5=	∤ ```` ∤ <u>∤</u> ```` 1.5x3=	
2-0-8 0-3-8 0-3-8 0-3-8 0-3-8 0-3-8	1.5x3= 3x4= 20 2 3 Ben 22 28 27 3x5=	1.5x3 II 4 5 T1 26 25	1.5х3 ш 6 7 8 24 2322 3х6 FP	3x6 FP 9 10 21 3x5=	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	0-3-8
	L 9-1-8	11 10-1-8	l-1-8 ∟ 19-'	10-4	3x8= 25-1-8 24-1-8 L 23-1-8 L L 28-0-0 L	
	9-1-8	1 1 1-0-0 1-	1 8-8 0-0	3-12	3-3-4 1 1 2-10-8 1 1-0-0 1-0-0	
Scale = 1:56.5						
Plate Offsets (X, Y): [17	7:0-2-0,Edge], [19:0-1-8,Edge], [2	8:0-2-0,Edge]				
Loading TCLL TCDL	(psf)Spacing40.0Plate Grip DOL10.0Lumber DOL	1-7-3 1.00 1.00	CSI TC 0.87 BC 0.81	DEFL Vert(LL) Vert(CT)	in (loc) l/defl L/d PLATES GRIP -0.28 25-26 >860 480 MT20 244/190 -0.38 25-26 >626 360	
BCLL BCDL	0.0 Rep Stress Incr 5.0 Code	YES / IRC2015/TPI2014	WB 0.54 Matrix-SH	Horz(CT)	0.06 20 n/a n/a Weight: 141 lb FT = 20%F, 11%E	:
LUMBER TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.3 WEBS 2x4 SP No.3 OTHERS 2x4 SP No.3 REACTIONS (Ib/siz Max I Max (2(flat) 1(flat) 3(flat) 3(flat) ze) 17=163/0-3-8, (min. 0-1-4 (min. 0-1-8) Uplift 17=-74 (LC 3) Grav 17=282 (LC 4), 20=1481	3), 20=1481/0-3-8, (min. 0-1-8 (LC 1), 28=795 (LC 10)	BRACING TOP CHO BOT CHO 3), 28=786/0-3-8,	RD SI RD R RD R 6-	tructural wood sheathing directly applied or 2-2-0 oc purlins, except end erticals. igid ceiling directly applied or 10-0-0 oc bracing, Except: -0-0 oc bracing: 19-20,18-19,17-18.	
FORCES TOP CHORD BOT CHORD WEBS	(lb) - Max. Comp./Max. Ten Al 2-3=-2005/0, 3-4=-2724/0, 4-5=- 14-15=-360/370 27-28=0/1518, 26-27=0/2466, 2 6-24=-334/0, 13-19=-335/0, 15- 8-21=-853/0, 8-23=0/544, 7-23=	I forces 250 (lb) or less except 2955/0, 5-6=-2955/0, 6-7=-29 5-26=0/2942, 24-25=0/2955, 2 17=-343/149, 15-18=-350/136, -563/0, 7-24=0/628, 12-20=-7	t when shown. 155/0, 7-8=-2318/0, 8-9=-134- 23-24=0/2705, 22-23=0/1941, , 2-28=-1666/0, 2-27=0/677, 5 42/0, 12-19=0/727	4/0, 9-10=-1344/0 , 21-22=0/1941, 2 3-27=-641/0, 3-26	9, 10-11=0/1272, 11-12=0/1267, 12-13=-360/370, 13-14=-360/370, 20-21=0/708, 19-20=-792/44, 18-19=-370/360, 17-18=-113/260 5=0/360, 4-26=-303/0, 4-25=-239/319, 10-20=-1953/0, 10-21=0/904,	
 NOTES Unbalanced floor live loa All plates are 3x3 MT20 to Provide mechanical conr This truss is designed in TPI 1. Recommend 2x6 strongt to walls at their outer end CAUTION, Do not erect t 	ds have been considered for this unless otherwise indicated. hection (by others) of truss to bea accordance with the 2015 Interna backs, on edge, spaced at 10-00- ds or restrained by other means. truss backwards.	design. ring plate capable of withstand tional Residential Code sectio 00 oc and fastened to each tru	ding 74 lb uplift at joint 17. ons R502.11.1 and R802.10.2 uss with 3-10d (0.131" X 3") r	2 and referenced analis. Strongbacks	standard ANSI/ s to be attached	
					NUMBER OFFESSION	
					SEAL 042768 6/16/2022	

This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation by component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



Job	Truss	Truss Type	Qty	Ply	PRO BLDRS / SMITHFIELD PLAN 2ND FL
72274660	F202	Truss	1	1	Job Reference (optional)
UFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC, Micah Clay	rton Run: 8.51 S O	ct 22 2021 Pr	int: 8.510 S	Oct 22 2021 MiTek Industries, Inc. Thu Jun 16 10:53:23 Page: 1
			ID:tuP5l	J_LXzTfahfl	PMaaWjnZztVLs-Zdo?ziQ3KIhbOvpLZ03YRAOBrQWDoUMa69DIDGz5kyQ
(}-1-8 □ 1-3-0ι	<u>∤ 2-0-0</u>		1. 2-6	1-2-12 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓
	ff f 1.5x3 ∎	<i>∤</i> —-1		272-	
7-0-8 7-0-8 7-0-8 7-0-8 7-0-8 3-8	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	1.5x3 II 4 5 6 7 4 5 7 1.5x3 II 4 5 6 7 30 29 28 2726 3x6 I	3x6 F 8 9 25 =P 3x5=	3x5= P 10	1.5x3 II 1.5x3 II
	} <u>9-1-8</u> 9-1-8	11-1-8 10-1-8 1 1 1 1 -0-0 1-0-0	<u>19-10-4</u> 8-8-12		$1.5x3 \text{ ii} \\ 3x5 = \\ 24-4-12 26-4-8 \\ 22-10-12 25-10-8 \\ 1-6-0 \text{ i} 1-6-8 \text{ i} 1-6-0 \text{ i} 1-5-12 \text{ i} 1-7-8 \text{ i} \\ 1-6-0 \text{ i} 1-6-8 \text{ i} 1-6-0 \text{ i} 1-5-12 \text{ i} 1-7-8 \text{ i} \\ 0-6-0 \\ 0-6-0 \\ \end{array}$
Scale = 1:56.5	2.0.2.0 Edge] [32:0.2.0 Edge]				
	(pof) Speering	172 69	DEE		
TCLL	40.0 Plate Grip DOL	1.00 TC	0.89 Vert	L (LL) ·	0.27 29-30 >879 480 MT20 244/190
BCLL	0.0 Rep Stress Incr	YES WB	0.82 Vert 0.55 Horz	(CT) :(CT)	0.37 29-30 >639 360 0.05 24 n/a n/a
LUMBER TOP CHORD 2x4 SP No.2 BOT CHORD 2x4 SP No.3 WEBS 2x4 SP No.3 OTHERS 2x4 SP No.3 REACTIONS All be (lb) - Max (Max (2(flat) 1(flat) 3(flat) 3(flat) 3(flat) Uplift All uplift 100 (lb) or less a Grav All reactions 250 (lb) or le 244-2200 (l C 1) 32-27	BR TO BO t joint(s) except 18=-319 (LC 3) ss at joint(s) 18 except 21=597 (LC 14), b (C 14), b (C 14),	ACING P CHORD T CHORD	Sti ve Ri	ructural wood sheathing directly applied or 2-2-0 oc purlins, except end rticals. gid ceiling directly applied or 6-0-0 oc bracing.
FORCES	(lb) - Max. Comp./Max. Ten All	forces 250 (lb) or less except when shown.			
	2-3=-1922/0, 3-4=-2593/0, 4-5=- 14-15=0/1045, 15-16=0/488	2744/0, 5-6=-2744/0, 6-7=-2744/0, 7-8=-2033/0, 8-5	9=-1008/0, 9- ⁻	10=-1008/0,	10-11=0/1501, 11-12=0/1498, 12-13=0/1205, 13-14=0/1045,
WEBS	19-20=-488/0, 18-19=-488/0 6-28=-342/0, 13-21=-136/268, 12	-50=0/2760, 26-29=0/2744, 27-26=0/2452, 26-27= 2-24=-502/0, 15-21=-821/0, 16-18=0/640, 15-20=0/	254, 2-32=-16	5=0/1030, 24	-25=0/351, 25-24=-1205/0, 22-25=-1205/0, 21-22=-1205/0, 20-21=-466/0, -0/639, 3-31=-606/0, 3-30=0/327, 4-30=-265/0, 4-29=-256/282.
NOTES 1) Unbalanced floor live loa 2) All plates are 3x3 MT20 of 3) Provide mechanical conr 4) This truss is designed in TPI 1. 5) Recommend 2x6 strongth to walls at their outer end. 6) CAUTION, Do not erect to the struct of the struct o	10-24=-1996/0, 10-25=0/918, 8-3 ds have been considered for this unless otherwise indicated. hection (by others) of truss to bear accordance with the 2015 Interna backs, on edge, spaced at 10-00-0 s or restrained by other means. truss backwards.	25=-871/0, 8-27=0/564, 7-27=-588/0, 7-28=0/644 design. ing plate capable of withstanding 318 lb uplift at join tional Residential Code sections R502.11.1 and R8 00 oc and fastened to each truss with 3-10d (0.131"	nt 18. 02.10.2 and r X 3") nails. S	eferenced s Strongbacks	atandard ANSI/
					SEAL 042768 6/16/2022

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Job	Tri	uss	Truss Type		Otv	Plv	PRO BI DRS		ELD PI AN 2ND	FL	
72274660	F2	203			1	1	THE BEBR				
12214000			Truss	D 0540			Job Referen	ce (optional)			
UFP Mid Atlantic L	LC, 5631 S. NC 6	2, Burlington, NC, Micah Cla	yton	Run: 8.51 S	5 Oct 22 2021 P	rint: 8.510 S tuP5U_LXz1	oct 22 2021 Mi fahfPMaaWjnZ:	i ek industries, ztVLs-2qMNA2	Qi5cpR03NX7kan	2:53:24 Pa zNxMNqrlXxxkKpzsliz	age: 1 z5kyP
-1-1-0-1 /	0.4-6-1 1-0-8-6 0.3-8 8-0-7 0.3-8 8-0-7 1-0-7 2 1-0-10	$\begin{array}{c c} 2-6-0 \\ \hline \\ -1-8 \\ \hline \\ 1.5x3 \\ 1.5x3 \\ 1.5x3 \\ 21 \\ 22 \\ 25 \\ 3x5 \\ 3$	3 4 B1 24	2-0-0 0-11 1.5x3 II 5 1 6 23 22	-12 7 7 2120 3x6 F	3x61 8 9 19 P 3x5	2-6- 3x5= 10 W2	11 11 18 18 3x8=	↓ 1-6-12 ↓ 12 13 17 16 .5x3 ⊪ 1.5x3 ⊪	0-1-8 1.5x3= 1.5x3 II 1.5x3 II	0-3-8
Scale = 1:51.3		<u>+ </u>)-1-8)-1-8	10-1-8 + + + 1-0-01-0-0		<u>19-10-4</u> 8-8-12		1-6-0	4 <u>)22-11-0) 24-6</u> 1 1-6-12 1 1-7-	<u>8</u> 8	
Plate Offsets (X, Y): [15:0-2	2-0,Edge], [26:0-2-0,Edge]									
Loading TCLL TCDL BCLL BCDL	(ps 40 10 0 5	sf) Spacing 0.0 Plate Grip DOL 0.0 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	0.84 Ver 0.80 Ver 0.53 Hor	FL t(LL) t(CT) z(CT)	in (loc) 0.28 23-24 0.38 23-24 0.06 18	l/defl L/c >850 480 >619 360 n/a n/a	PLATES MT20 Weight: 126 lb	GRIP 244/190 FT = 20%F, 11%E	E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS REACTIONS	2x4 SP No.2(flat 2x4 SP No.1(flat 2x4 SP No.3(flat 2x4 SP No.3(flat (lb/size) Max Uplift	t) t) t) t) 15=-43/0-3-6, (min. 0-1-i (min. 0-1-8) ft 15=-183 (LC 3)	3), 18=1364/0-3-8, (min. 0-1-	8), 26=805/0-3-8,	BRACING TOP CHORD BOT CHORD	Str ve Rig 6-0	uctural wood sh ticals. jid ceiling direct -0 oc bracing: 1	eathing direct ly applied or 1 7-18,16-17,15	y applied or 2-2-0 d 0-0-0 oc bracing, 1 -16.	oc purlins, except enc Except:	d
FORCES TOP CHORD BOT CHORD WEBS	Max Grav (lb) 2-3 25- 6-2 7-2	 15=129 (LC 4), 18=1364 Max. Comp./Max. Ten A 2045/0, 3-4=-2790/0, 4-5= 226-0/1546, 24-25=0/2519, 2 22=-316/0, 12-18=-797/0, 13- 21=-526/0, 7-22=0/591 	(LC 1), 26=808 (LC 10) Il forces 250 (lb) or less exce -3060/0, 5-6=-3060/0, 6-7=-3 -3-24=0/3023, 22-23=0/3060 15=-66/526, 2-26=-1697/0, 2	ept when shown. 3060/0, 7-8=-2459/0 , 21-22=0/2831, 20-3 2-25=0/695, 3-25=-6	, 8-9=-1511/0, 9 21=0/2093, 19-2 59/0, 3-24=0/37(-10=-1511/0, 0=0/2093, 18 6, 4-24=-324,	10-11=0/930, 1 3-19=0/894, 17- 0, 4-23=-203/36	1-12=0/927, 1 18=-399/53, 16 35, 10-18=-192	2-13=-53/399 3-17=-399/53, 15-1(7/0, 10-19=0/867,	6=-399/53 8-19=-818/0, 8-21=0/\$	′517,
 Unbalanced All plates and Provide me This truss is TPI 1. Recomment to walls at t Control Tion 	d floor live loads h re 3x3 MT20 unles chanical connecti s designed in acco d 2x6 strongbacks heir outer ends or	have been considered for this iss otherwise indicated. ion (by others) of truss to bea ordance with the 2015 Intern iss, on edge, spaced at 10-000 r restrained by other means.	design. ring plate capable of withsta ational Residential Code sec 00 oc and fastened to each	nding 183 lb uplift at tions R502.11.1 and truss with 3-10d (0.1	t joint 15. I R802.10.2 and 31" X 3") nails.	referenced s Strongbacks	tandard ANSI/ to be attached				
o) CAUTION,	ווע פופכל גענאס וויע	s daukwarus.						"The manufactures of the second	OR OFESS 0427 0427 0427 0427 0427	AROUNA 10/24	

B DU NY

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Job	Truss	Truss Type		Qty	Ply	PRO BLDRS / SMITHFIEL	D PLAN 2ND FL	_
72274660	F208	Truss		2	1	Job Reference (optional)		
UFP Mid Atlantic LLC, 5631 S. N	NC 62, Burlington, NC, Mical	Clayton	Run: 8.51 S O	ct 22 2021 P	rint: 8.510 S	Oct 22 2021 MiTek Industries, Ir	nc. Thu Jun 16 10:5	3:25 Page: 1
		260		ID:L4z	UiKM9kmnR	Ip_Z7H2yKmztVLr-W0wlOORK	swxleDyjhR50WbTo	drEERGSxtZTiPI9z5kyO
-4-0 -4-1 -4-0	0-1-8 1.5x3 1.5x3 1.5x3= 1 8 0-1-8 1.5x3 1.5x3= 1 1 1 1 1 1 1 1 1 1 1 1 1	$ \begin{array}{c} 1 \\ 1 \\ 3x4 = \\ 2 \\ 13 \\ 3x3 = \\ 6-7-8 \\ 6-7-8 \end{array} $	$ \begin{array}{c} 1.5x3 \\ 3x3 \\ 3 \\ 4 \\ 12 \\ 3x3 \\ 12 \\ 3x3 \\ 7 \\ 1-0 \end{array} $	<u>2-0-0</u> 1 		$0 \\ 3x3 = \\ 3x3 = \\ 6 \\ 7 \\ 10 \\ 3x3 = \\ 14-8-0 \\ 6-0-8 \\ 14-8-0 \\ 6-0-8 \\ 14-8-0 $	0-1-8 1.5x3= 1.5x3 = 1.5x3 = 9 3x5=	/ + 40 1-0-8 1-0-8 0-3-8
Scale = 1:37.3	.0-2-0 Edgel [14:0-2-0 Edge	1						
	(psf) Spacing	1-1-0	CSI	DE	=1	in (loc) l/defl l/d		GRIP
TCLL	40.0 Plate Grip DOL	1.00	TC	0.41 Ver	t(LL)	-0.11 12-13 >999 480	MT20	244/190
BCLL	0.0 Rep Stress Incr	YES	WB	0.38 Ven 0.29 Hor	z(CT)	0.03 9 n/a n/a	Mainht 74 lb	FT 20% F 44% F
LUMBER TOP CHORD 2x4 SP No. BOT CHORD 2x4 SP No. WEBS 2x4 SP No. OTHERS 2x4 SP No. OTHERS 2x4 SP No. REACTIONS (Ib/si FORCES TOP CHORD BOT CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live loa 2) This truss is designed in TPI 1. 3) Recommend 2x6 strongl to walls at their outer end	2(flat) 2(flat) 3(flat) 3(flat) ze) 9=524/ Mechanical, (lb) - Max. Comp./Max. Ter 2-3=-1228/0, 3-4=-1552/0, 13-14=0/970, 12-13=0/145 2-14=-1064/0, 2-13=0/359, ads have been considered for accordance with the 2015 In backs, on edge, spaced at 1 ds or restrained by other me	(min. 0-1-8), 14=524/0-3-8, (min. All forces 250 (lb) or less exce 4-5=-1552/0, 5-6=-1552/0, 6-7=-5 5, 11-12=0/1552, 10-11=0/1257, 1 3-13=-316/0, 3-12=-39/304, 7-9= • this design. ternational Residential Code sec 0-00-00 oc and fastened to each tans.	BR TC BC .0-1-8) pt when shown. 320/0 9-10=0/563 748/0, 7-10=0/496, 6- ⁻ tions R502.11.1 and R8 truss with 3-10d (0.131 ⁺	ACING P CHORD IT CHORD 10=-469/0, 6- 002.10.2 and X 3") nails.	Str ve Rig 11=0/454 referenced s Strongbacks	ructural wood sheathing directly rticals. gid ceiling directly applied or 10- tandard ANSI/ to be attached	applied or 6-0-0 oc 0-0 oc bracing.	purlins, except end
						and the second second	SEAL 04276 6/16/20 CA MGINE	ROLINA ONAL 222

This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



Job		Truss		Truss Type		Qty	Ply		PRO	BLDRS	/ SMIT	THFIEL	LD PLAN 2ND FL	
72274660		K200		Truss		1	1		Job R	eferend	ce (opti	onal)		
UFP Mid Atlantic LLC	C, 5631 S. N	IC 62, Bur	lington, NC, Micah Clay	rton	Run: 8.51 S	Oct 22 20	21 Print: 8.51	10 S C	Oct 22 2	2021 MiT	ek Indu	stries, l	nc. Thu Jun 16 10:53:25	Page: 1
		0-1- ∦	8				<u>. L+2 OIININGK</u>		3x6	FP	<u>LI-7700</u>		0-1-8 ∦	<u>SW 12 II 1323KyO</u>
9-4-1	7-1-4-0 1-0-8 7 0/3-8	1 B¥ 38 38 3×	2 3 ST 3= 37 36	4 5 6 35 34 33	7 8 9 1 32 31 30 22 22	10 29 2-5-0 2-5-0	11 28 27 3x6 F	12 26			5	16 12 12 12 12 12 12 12 12 12 12	17 18 19 12 20 22 21 3x3=	 1/4/0 1/4/0 1/1-0-8 1/1-0-8 0-3-8 0-3-8
		(Questing		001		DEEL			(1)	1/1-0	1.74		
TCLL TCDL BCLL BCDL		(psr) 40.0 10.0 0.0 5.0	Plate Grip DOL Lumber DOL Rep Stress Incr Code	2-0-0 1.00 1.00 YES IRC2015/TPI2014	TC BC WB Matrix-R	0.08 0.01 0.03	Vert(LL) Vert(TL) Horiz(TL)		n/a n/a n/a	(IOC) - - -	n/a n/a n/a n/a	999 999 999 n/a	Weight: 98 lb FT =	r /190 = 20%F, 11%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS	2x4 SP No.2 2x4 SP No.2 2x4 SP No.3 2x4 SP No.3	2(flat) 2(flat) 8(flat) 8(flat)			В Т ⁻ В	RACING OP CHO OT CHO	RD RD	Stru veri Rig	uctural v ticals. jid ceilin	wood sh	eathing y applied	directly d or 10-	applied or 6-0-0 oc purlin 0-0 oc bracing.	s, except end
FORCES NOTES 1) All plates are 2) Gable require 3) Truss to be for 4) Gable studs s 5) This truss is a TPI 1. 6) Recommend to walls at the	All be (lb) - Max (1.5x3 MT2(es continuou ully sheathed spaced at 1- designed in a 2x6 strongb eir outer end	arings 22- Grav Al 30 (lb) - Max) unless of Is bottom of d from one 4-0 oc. accordance accs, on e Is or restra	-5-0. Il reactions 250 (lb) or le 0, 31, 32, 33, 34, 35, 36, c. Comp./Max. Ten All therwise indicated. chord bearing. e face or securely brace be with the 2015 Interna edge, spaced at 10-00-0 ained by other means.	ass at joint(s) 20, 21, 22, 23, 37, 38 forces 250 (lb) or less exce d against lateral movement tional Residential Code sec 00 oc and fastened to each	24, 25, 26, 28, 29, ept when shown. (i.e. diagonal web). tions R502.11.1 and R truss with 3-10d (0.137	2802.10.2 1" X 3") n	and reference	ced st	andard to be at	ANSI/ tached				
												and the second se	OFESSION	
											C	In The Martin	SEAL 042768 6/16/2022 0, NGINEE 4WN B. D	Manufacture Construction

This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of the component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



Job		Truss		Truss Type		Qty	P	ly	PRO E	BLDRS	/ SMIT	HFIEL	D PLAN 2ND	FL
72274660		K201		Truss		1		1	Job Re	eferend	ce (opti	onal)		
UFP Mid Atlantic L	LC, 5631 S. N	C 62, Bu	rlington, NC, Micah Cla	ayton	Run: 8.51 S	Oct 22 20	21 Print:	8.510 S	Oct 22 2	021 MiT	ek Indus	stries, Ir	nc. Thu Jun 16 10	0:53:25 Page: 1
							ID:pHXs	vgNnV4v	lwzZlh?Z	Bs_ztVI	Lq-W0wl	OORK	swxleDyjhR50Wb	Ti?ENLGW?tZTiPI9z5kyO
1-4-0	1-0-8	[1-0-8] 0-3-3-8	0-1-8	2 3 4	5 6		7 <u>T1</u> <u>B1</u>	8	9		10	11	0-1-8	1-0-8 1-0-8 0-3-8
			24	$\sim \sim $	20 19						$\underbrace{\times}_{15}$	$\underset{1}{\overset{\times}{\overset{\times}}}$		
			3x3=		20 13		0	17	10		10		3x3=	
			I			11 0 0							I	
			/			14-8-0 14-8-0								
Scale = 1:36.5														
Loading		(psf)	Spacing	2-0-0	CSI		DEFL		in	(loc)	l/defl	L/d	PLATES	GRIP
TCLL		40.0	Plate Grip DOL	1.00	TC	0.08	Vert(LL	.)	n/a	-	n/a	999	MT20	244/190
BCLL		0.0	Rep Stress Incr	YES	WB	0.01	Horiz(T	-) "L)	n/a n/a	-	n/a n/a	999 n/a		
BCDL		5.0	Code	IRC2015/TPI2014	Matrix-R								Weight: 65 lb	FT = 20%F, 11%E
LUMBER TOP CHORD BOT CHORD WEBS	2x4 SP No.2 2x4 SP No.2 2x4 SP No.3	2(flat) 2(flat) 8(flat)			В Т В	OP CHOI	RD RD	Sti ve Rig	ructural v rticals. gid ceiling	vood she g directl	eathing o y applied	directly d or 10-	applied or 6-0-0 c 0-0 oc bracing.	oc purlins, except end
OTHERS	2x4 SP No.3	s(flat)												
REACTIONS	All be (lb) - Max C	arings 14 Grav A	⊦-8-0. Il reactions 250 (lb) or l	less at joint(s) 13, 14, 15, 16	17, 18, 19, 20, 21,									
FORCES NOTES 1) All plates a 2) Gable requ 3) Truss to be 4) Gable stud 5) This truss is TPI 1. 6) Recommer to walls at t	are 1.5x3 MT20 uires continuou e fully sheathed is spaced at 1- is designed in a nd 2x6 strongb their outer end	2 (lb) - Ma) unless of s bottom d from on 4-0 oc. accordan acks, on s or restr	2, 23, 24 x. Comp./Max. Ten A otherwise indicated. chord bearing. e face or securely brac ce with the 2015 Intern edge, spaced at 10-00- ained by other means.	Il forces 250 (Ib) or less exce ed against lateral movement ational Residential Code sec -00 oc and fastened to each	pt when shown. (i.e. diagonal web). tions R502.11.1 and F truss with 3-10d (0.13	R802.10.2 1" X 3") n	and refe	erenced s	standard i	ANSI/ tached				
														inin,
												num.	ORTH CA	SIONAR
											C	The second	O427 GI16/2 CHANGIN	AL 68 2022

This design is based upon parameters shown, and is for an individual building component to be installed and loaded vertically. Applicability of design parameters and proper incorporation of component is responsibility of the Building Designer. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the specific building and governing codes and ordinances. Building Designer accepts responsibility for the correctness or accuracy of the design information as it may relate to a specific building. Certification is valid only when truss is fabricated by a UFPI plant. Bracing shown is for lateral support of truss members only and does not replace erection and permanent bracing. Refer to Building Component Safety Information (BCSI) for general guidance regarding storage, erection and bracing available from SBCA and Truss Plate Institute.



Job	Truss	Truss Type	Qty	Ply	PRO BLDRS / SMITHFIELD PLAN 2ND FL		
72274660	K202	Truss	1	1	Job Reference (optional)		
UED Mid Atlantia LLC 5024 C NO 02 Durlington NC Minch Clauton							



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