1. h		-	Taura Tura		011	Dhi			051.04			
JOD	251	5	Truss Type		Qty	Ply	PBS - PLA	IN 4 THE	SELIVIA	A GL RF		
72322555	211		Truss		13	1	Job Refere	ence (opti	onal)			
UFP Mid Atlantic LLC	, 5631 S. NC 62, E	Burlington, NC, Micah Cla	yton	Run: 8.62 S Se	o 22 2022 P ID:i	rint: 8.620 S pa5fJsLoMv8	Sep 22 2022 I 3Csv3?CuLGif	MiTek Indus SzmYDT-dN	stries, Ir Iw4iBLz	nc. Thu Jun 22 Zi1WG4v2PG	11:57:04 YJC0iBlup	Page: 1 cZhzvevb9Y2z3lSi
		1-3-0								, - <i>,</i> -		
		0-1-8		L ·	1-9-0						0-1-8	
		11		t -	1						11	
		3x8=				5x4=	5x4=				1.5x3=	
		3x10= 5x5=	5x4= 5x4=	5x4= ^{3x6} "	3x6	u	3x6 FP	5	x4=	5x5=	1.5x3 I	
	~ <u> </u>	28 2	34 5	6 7	8	9	1011	1	213	14	15 29	9 %
1-2-0		BW077 W2 W2	Wat	W	W4					W2 W2		
	<u> </u>	25	24	23 22	21	20	19	18	B2 1	<u>17</u>	1 6	~
		3x10= 5x5	5= 3x5=	3x3= 3x3=	3x4	=		3x5=	Ę	5x5=	3x5=	
		3x10=			M	F18HS 3x10	FP					
						1.5x3=						
						:	3x3=					
		0-5-12										
		0-4-0										
		Ĩ#₩	10-10-8	į 1	2-7-8			<u>23-0-0</u>				
		0-1-8	10-4-12		1-9-0			10-4-0				
Coole 1:40.0		0-1-12										
Scale = 1:49.8	14:0-2-0 E	dao] [5:0.2.0 Edao] [6:0.	2.0 Edgo] [8:0.3.0 Edgo] [0	0.0.2.0 Edgo] [11:0.2.0	Edgo] [12:0	2.0 Edgol	[16:0.2.0 Edg	1 [21.0.1.9	Edgol	[26:0.2.8 Edg	01 [27:0.1	9.0-1-91
Plate Offsets (X, Y):	[28:0-1-8,0	0-1-8]	2 0,20g0], [0.0 0 0,20g0], [0		2090], [12.0	, z 0, z ugoj,	[10:0 2 0,209	J, [21.010	,Eugo],	[20.0 2 0,209	0], [27:0-1	0,0 1 0],
Loading	(psf)	Spacing	1-7-3	CSI	DE	FL	in (loc)	l/defl	L/d	PLATES	GRI	Р
TCLL	40.0 10.0	Plate Grip DOL	1.00 1.00	TC BC	0.21 Ver	t(LL) t(CT)	-0.45 21-22 -0.62 21-22	>599 >436	480 360	MT20 MT18HS	244/ 244/	190 190
BCLL	0.0	Rep Stress Incr	NO	WB	0.59 Ho	rz(CT)	0.11 16	n/a	n/a	in toric	2,	
BCDL	5.0	Code	IRC2015/TPI2014	Matrix-SH						Weight: 139 I	b FT=	20%F, 11%E
				BR		0			l'an aite i		0	
BOT CHORD 2	x4 SP SS(flat) x4 SP SS(flat)					VE	erticals.	sneatning t			o oc punin	s, except end
WEBS 2 OTHERS 2	x4 SP No.3(flat)			BO	I CHORD	RI	igid ceiling dire	ectly applied	1 or 10-0	J-U oc bracing.		
REACTIONS	(lb/size)	16=984/0-3-8, (min. 0-1-	8), 26=1389/0-3-8, (min. 0-1-	-8)								
FORCES	(lb) - N	lax. Comp./Max. Ten Al	I forces 250 (lb) or less exce	pt when shown.								
TOP CHORD	26-27= 12-13=	=-455/0, 27-28=-455/0, 1-2 =-2172/0, 13-14=-2186/0	28=-455/0, 2-3=-2367/0, 3-4	=-2349/0, 4-5=-4039/0, \$	5-6=-5090/0	, 6-7=-5604/	0, 7-8=-5604/0), 8-9=-5604	4/0, 9-10	0=-5010/0, 10-	11=-5010/	0, 11-12=-3910/0,
BOT CHORD WEBS	25-26= 14-16=	=0/1439, 24-25=0/3325, 2 =-1544/0_2-26=-1710/0_1	3-24=0/4729, 22-23=0/5425, 4-17=0/1241 2-25=0/1207	21-22=0/5604, 20-21=0	0/5374, 19-2 217/0 12-1	20=0/5374, 1 8=0/936 4-2	8-19=0/4622, 4=0/907 11-1	17-18=0/31 8=-904/0 5	73, 16-′ -24=-87	17=0/1233 76/0_11-19=0/4	194 5-23=	0/459
	9-19=-	462/0, 6-23=-426/0, 9-21=	=-175/668, 6-22=-217/625, 7	-22=-330/116, 8-21=-35	2/94	0-0/000, 4 2		0- 00-70, 0	242 07	0/0, 11 10-0/-	101, 0 20-	
NOTES 1) Unbalanced fle	oor live loads have	been considered for this	design.									
2) All plates are I	MT20 plates unles	s otherwise indicated.	Ũ									
4) This truss is defined and the second sec	esigned in accorda	ance with the 2015 Interna	ational Residential Code sec	tions R502.11.1 and R8	02.10.2 and	referenced	standard ANSI	/				
TPI 1. 5) Magnitude of u	user added load(s)) on this truss have been a	applied uniformly across all g	ravity load cases with n	o adjustmer	nts.						
 Required 2x6 walls at their or 	strongbacks, on er outer ends or restra	dge, spaced at 10-00-00 o ained by other means.	oc and fastened to each trus	s with 3-10d (0.131" X 3	") nails. Str	ongbacks to	be attached to)				
7) CAUTION, Do	not erect truss ba	ckwards.										
1) Dead + Floor	Live (balanced): L	umber Increase=1.00, Pla	ate Increase=1.00									
Uniform Load	ds (lb/ft) Vert: 16-26=-8	1-15=-80										
Concentrated	d Loads (lb)	1 10- 00										
	Vert: 1=-400									min	11111	
										"TH C	ARO	1 the
									32	OFFE	SION	Non
										:00 1	4	RY 3
										ASI	EAL	1 2
								1		/042	2768	1 - E
								C	2/	6/23	/2023	
									21	Ch SNG	NEER	Ant
									1	AWN	B. D	J'IL
This design is based	upon parameters	shown, and is for an indiv	vidual building component to	be installed and loaded	vertically.	Applicability	of design para	meters and	proper	incorporation	hum	
component is respor governing codes and	nsibility of the Build d ordinances. Build	ding Designer. Building D ding Designer accepts res	esigner shall verify all design ponsibility for the correctnes	n information on this she as or accuracy of the dea	et for confo sign informa	rmance with ition as it ma	conditions and y relate to a sp	d requireme becific build	nts of th ing. Cer	ne specific buil tification is val	ding and id only whe	m 译
truss is fabricated by (BCSI) for general g	a UFPI plant. Bra uidance regarding	acing shown is for lateral s storage, erection and bra	support of truss members on cing available from SBCA ar	ly and does not replace ad Truss Plate Institute.	erection an	d permanent	bracing. Refe	er to Buildin	g Comp	oonent Safety I	nformation	Œ







Job	Truss	Truss Type	Qty	Ply	PBS - PLAN 4 THE SELMA GL RF	
72322555	2F5	Truss	4	1	Job Reference (optional)	
JFP Mid Atlantic LLC, 5631 S. N	IC 62, Burlington, NC, Micah Clay	rton Run: 8.62 S	Sep 22 2022 P	rint: 8.620 S	Sep 22 2022 MiTek Industries, Inc. Thu Jun 22 11:57:05	Page: 2





	Truss		Truss Type		Qty	Ply	PBS - PLAN 4 THE SELMA GL RF	
72322555	2F6		Truss		4	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631	S. NC 62, Burli	ngton, NC, Micah Clay	/ton	Run: 8.62 S	ep 22 2022 Pr	int: 8.620 S	Sep 22 2022 MiTek Industries, Inc. Thu Jun 22 11:57:05 Pa	ge: 1
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				0-1-8		0-	1-8	
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				15x3	2-0-0	15	v3=	
				1.5x3= 3x3=	I	1.5	хэ п	
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		\	%			4 19		
		1-2-0	10 10 10 10 10 10 10 10 10 10	BLYI W2		BL		
			<u>هٔ</u> خ	8 7	<u>B1</u> 6			
				3x5 =	1.5>	<3∎		
				1.5x3 I		3x	5=	
					. .			
				1-7-8	3-7-8 2-0-0	<u>5-3-0</u> 1-7-8	+	
Scale = 1:35.9								
Plate Offsets (X, Y):	[5:0-2-0,Edge], [8:0-2-0,Edge]		r				
Loading	(psf) 40.0	Spacing Plate Grip DOI	2-0-0 1 00	CSI TC	0.21 Ver	=L	in (loc) I/defI L/d PLATES GRIP	
TCDL	10.0	Lumber DOL	1.00	BC	0.15 Vert	t(CT) ·	-0.01 7 >999 360	
BCDL	0.0 5.0	Rep Stress Incr Code	YES IRC2015/TPI2014	WB Matrix-SH	0.09 Hor:	z(CT)	0.00 5 n/a n/a Weight: 28 lb FT = 20%F, 11%E	
LUMBER				B				
TOP CHORD 2x4 SP					INA OINO			
BOT CHORD 2x4 SP	No.2(flat)			TC	OP CHORD	Str	ructural wood sheathing directly applied or 5-3-0 oc purlins, except enc rticals.	
BOT CHORD 2x4 SP WEBS 2x4 SP	No.2(flat) No.2(flat) No.3(flat)			TC BC	OP CHORD OT CHORD	Sti ve Rig	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing.	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I	\o.2(flat) \o.2(flat) \o.3(flat) \o.3(flat) o/size) 5≕	269/0-3-8, (min. 0-1-8)	, 8=269/0-3-8, (min. 0-1-8)	TC BC	OP CHORD	Sti ve Rig	ructural wood sheathing directly applied or 5-3-0 oc purlins, except enc rticals. gid ceiling directly applied or 10-0-0 oc bracing.	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES	No.2(flat) No.2(flat) No.3(flat) No.3(flat) b/size) 5≕ (lb) - Max.	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less excr	Ept when shown.	OP CHORD	Str ve Rig	ructural wood sheathing directly applied or 5-3-0 oc purlins, except enc rticals. gid ceiling directly applied or 10-0-0 oc bracing.	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD	No.2(flat) No.2(flat) No.3(flat) No.3(flat) No.3(flat) No.3(flat) No.3(flat) No.3(flat) No.3(flat) No.3(flat) No.3(flat) No.3(flat) No.3(flat) No.2(flat) No.2(flat) No.2(flat) No.2(flat) No.2(flat) No.2(flat) No.2(flat) No.2(flat) No.2(flat) No.2(flat) No.2(flat) No.2(flat) No.2(flat) No.3(flat)	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All) , 6-7=0/302, 5-6=0/302	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exci 2	Tr Br ept when shown.	OP CHORD OT CHORD	Stı ve Riş	ructural wood sheathing directly applied or 5-3-0 oc purlins, except enc rticals. gid ceiling directly applied or 10-0-0 oc bracing.	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS	lo.2(flat) lo.2(flat) lo.3(flat) lo.3(flat) lo.3(flat) /size) 5=: (lb) - Max. 2-3=-302/(7-8=0/302 3-5=-370/(269/0-3-8, (min. 0-1-8) Comp./Max. Ten All) , 6-7=0/302, 5-6=0/302), 2-8=-370/0	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exc 2	T(B(ept when shown.	OP CHORD OT CHORD	Sti ve Rig	ructural wood sheathing directly applied or 5-3-0 oc purlins, except enc rticals. gid ceiling directly applied or 10-0-0 oc bracing.	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live	lo.2(flat) lo.3(flat) lo.3(flat) lo.3(flat) lo.3(flat) lo.3(flat) lo.3(flat) 5=: (lb) - Max. 2-3=-302// 7-8=0/302 3-5=-370// loads have be	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All 0 , 6-7=0/302, 5-6=0/302 0, 2-8=-370/0 en considered for this	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exc 2 design.	Tr B(OP CHORD OT CHORD	Str ve Rig	ructural wood sheathing directly applied or 5-3-0 oc purlins, except enc rticals. gid ceiling directly applied or 10-0-0 oc bracing.	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designe TPI 1.	 Vo.2(flat) Vo.2(flat) Vo.3(flat) Vo.3(flat) V(size) 5=: (lb) - Max. 2-3=-302/V 7-8=0/302 3-5=-370/V loads have be loads have be loads have be 	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All) , 6-7=0/302, 5-6=0/302), 2-8=-370/0 en considered for this e with the 2015 Interna	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exc 2 design. tional Residential Code sec	ept when shown. ctions R502.11.1 and R	REOLED OF CHORD OT CHORD	Stronghocks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except enc rticals. gid ceiling directly applied or 10-0-0 oc bracing.	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designer TPI 1. 3) Recommend 2x6 stro to walls at their outer	Io.2(flat) Jo.2(flat) Jo.3(flat) Jo.3(flat) /size) 5=: (Ib) - Max. 2-3=-302// 7-8=0/302 3-5=-370// Ioads have be In accordance ngbacks, on e ends or restrain	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All 0 , 6-7=0/302, 5-6=0/302 0, 2-8=-370/0 en considered for this a with the 2015 Interna dge, spaced at 10-00- ned by other means.	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exce 2 design. tional Residential Code sec 20 oc and fastened to each	ept when shown. ctions R502.11.1 and R truss with 3-10d (0.131	CP CHORD OT CHORD 8802.10.2 and 1" X 3") nails.	Str ve Rig referenced s Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing. standard ANSI/	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designe TPI 1. 3) Recommend 2x6 stro to walls at their outer	Vo.2(flat) Vo.2(flat) Vo.3(flat) Vo.3(flat) V/size) 5=: (lb) - Max. 2-3=-302/ 7-8=0/302 3-5=-370// loads have be l in accordance ngbacks, on e ends or restrai	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All) , 6-7=0/302, 5-6=0/302), 2-8=-370/0 en considered for this e with the 2015 Interna dge, spaced at 10-00-0 ned by other means.	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exc 2 design. tional Residential Code sec 00 oc and fastened to each	ctions R502.11.1 and R truss with 3-10d (0.131	ROUND OP CHORD OT CHORD 8802.10.2 and 1" X 3") nails.	Str ve Rig referenced s Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except enc rticals. gid ceiling directly applied or 10-0-0 oc bracing. standard ANSI/	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designer TP1 1. 3) Recommend 2x6 stro to walls at their outer	lo.2(flat) vo.3(flat) vo.3(flat) vo.3(flat) v/size) 5≕: (lb) - Max. 2-3≕-302// 7-8=0/302 3-5≕-370// loads have be in accordance ngbacks, on e ends or restrai	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All) , 6-7=0/302, 5-6=0/302 0, 2-8=-370/0 en considered for this e with the 2015 Interna dge, spaced at 10-00-(ned by other means.	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exc 2 design. tional Residential Code sec 00 oc and fastened to each	ept when shown. ctions R502.11.1 and R truss with 3-10d (0.131	802.10.2 and 1" X 3") nails.	Str ve Rig referenced s Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing. standard ANSI/	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designe TPI 1. 3) Recommend 2x6 stro to walls at their outer	 do.2(flat) do.2(flat) do.3(flat) do.3(flat) do.3(flat) do.3(flat) (lb) - Max. 2:3=-302/ 7-8=0/302 3-5=-370/ loads have be li naccordance ngbacks, on e ends or restrai 	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All 0 , 6-7=0/302, 5-6=0/302 0, 2-8=-370/0 en considered for this e with the 2015 Interna dge, spaced at 10-00-0 ned by other means.	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exc 2 design. tional Residential Code sec 00 oc and fastened to each	ctions R502.11.1 and R truss with 3-10d (0.131	2802.10.2 and "X 3") nails.	Str ve Rig referenced s Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing. standard ANSI/ s to be attached	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designe TPI 1. 3) Recommend 2x6 stru- to walls at their outer	 lo.2(flat) lo.3(flat) lo.3(flat) lo.3(flat) lo.3(flat) lo.3(flat) lo.3(flat) loads have be in accordance in accordance in accordance in accordance in a strain in	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All) ; 6-7=0/302, 5-6=0/302 0, 2-8=-370/0 en considered for this e with the 2015 Interna dge, spaced at 10-00- ned by other means.	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exc 2 design. tional Residential Code sec 00 oc and fastened to each	T(ept when shown. ctions R502.11.1 and R truss with 3-10d (0.131	8802.10.2 and "X 3") nails.	Str ve Rig referenced s Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing. standard ANSI/	I
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designe TPI 1. 3) Recommend 2x6 stra to walls at their outer	 do.2(flat) do.2(flat) do.3(flat) do.3(flat) do.3(flat) (lb) - Max. 2-3=-302/(7-8=0/302 3-5=-370/(2-3-5=-370)/(2-3-5=-3-3)/(2-3-5=-3-3)/(2-3-5=-3-3)/(2-3-5=-3-3)/(2-3-5=-3)/(2-3-5=-3)/(2-3-5=-3)/(2-3-5)/(2-3-5=-3)/(2-3-5)	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All) , 6-7=0/302, 5-6=0/302 0, 2-8=-370/0 en considered for this e with the 2015 Interna dge, spaced at 10-00-(ned by other means.	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exc 2 design. tional Residential Code sec 00 oc and fastened to each	T(B(ept when shown. ctions R502.11.1 and R truss with 3-10d (0.131	ROP CHORD OT CHORD 8802.10.2 and 1" X 3") nails.	Str ve Rig referenced s Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing. standard ANSI/ s to be attached	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designe TPI 1. 3) Recommend 2x6 stro to walls at their outer	 lo.2(flat) lo.3(flat) lo.3(flat) lo.3(flat) lib) - Max. 2-3=-302// 7-8=0/302 3-5=-370// loads have be lin accordance ngbacks, on eends or restrai 	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All 0 , 6-7=0/302, 5-6=0/302 0, 2-8=-370/0 en considered for this e with the 2015 Interna dge, spaced at 10-00- ned by other means.	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less excr 2 design. tional Residential Code ser 00 oc and fastened to each	T(B(ept when shown. ctions R502.11.1 and R truss with 3-10d (0.131	ROP CHORD OT CHORD 8802.10.2 and 1" X 3") nails.	Str ve Rig referenced s Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing. standard ANSI/ s to be attached	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designe TPI 1. 3) Recommend 2x6 stra to walls at their outer	 do.2(flat) do.2(flat) do.3(flat) do.3(flat) /size) 5=: (lb) - Max. 2-3=-302/(7-8=0/302 3-5=-370/(23-5=-370)/(23-5)/(269/0-3-8, (min. 0-1-8) Comp./Max. Ten All) , 6-7=0/302, 5-6=0/302 0, 2-8=-370/0 en considered for this e with the 2015 Interna dge, spaced at 10-00-0 ned by other means.	, 8=269/0-3-8, (min. 0-1-8) l forces 250 (lb) or less exc 2 design. tional Residential Code sec 00 oc and fastened to each	T(B(ept when shown. ctions R502.11.1 and R truss with 3-10d (0.131	RODE CHORD OT CHORD 8802.10.2 and 1" X 3") nails.	Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing. standard ANSI/ s to be attached	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designe TPI 1. 3) Recommend 2x6 stro to walls at their outer	 lo.2(flat) lo.3(flat) lo.3(flat) lo.3(flat) l) /size) 5=: (lb) - Max. 2-3=:-302/(7-8=0/302) 3-5=:-370/(1000) loads have be lin accordance in accordance in accordance in accordance in accordance in a second second	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All 0 , 6-7=0/302, 5-6=0/302 0, 2-8=-370/0 en considered for this e with the 2015 Interna dge, spaced at 10-00- ned by other means.	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less excr 2 design. tional Residential Code ser 00 oc and fastened to each	T(B(ept when shown. ctions R502.11.1 and R truss with 3-10d (0.131	802.10.2 and "X 3") nails.	Str ve Rig referenced s Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing. standard ANSI/ s to be attached	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designe TPI 1. 3) Recommend 2x6 stra to walls at their outer	 loa.2(flat) loa.2(flat) loa.3(flat) loa.3(flat) loa.3(flat) loa.3(flat) loa.3(flat) loads have be li naccordance ngbacks, on eends or restrain 	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All 0 , 6-7=0/302, 5-6=0/302 0, 2-8=-370/0 en considered for this e with the 2015 Interna dge, spaced at 10-00-0 ned by other means.	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exco 2 design. tional Residential Code sec 00 oc and fastened to each	T(ept when shown. ctions R502.11.1 and R truss with 3-10d (0.131	802.10.2 and 1" X 3") nails.	Str ve Rig referenced s Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing. standard ANSI/ s to be attached	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designe TPI 1. 3) Recommend 2x6 stro to walls at their outer	 do.2(flat) do.2(flat) do.3(flat) do.3(flat) do.3(flat) (lb) - Max. 2-3=-302/ 7-8=0/302 3-5=-370/ loads have be li n accordance ngbacks, on e ends or restrai 	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All 0 , 6-7=0/302, 5-6=0/302), 2-8=-370/0 en considered for this e with the 2015 Interna dge, spaced at 10-00- ned by other means.	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exc 2 design. tional Residential Code sec 00 oc and fastened to each	T(ept when shown. ctions R502.11.1 and R truss with 3-10d (0.131	2802.10.2 and 1" X 3") nails.	Str ve Rig referenced s Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing.	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designe TPI 1. 3) Recommend 2x6 stra to walls at their outer	 do.2(flat) vo.3(flat) vo.3(flat) vo.3(flat) v/size) 5=: (lb) - Max. 2-3=-302/(7-8=0/302 3-5=-370/(2-3-5) loads have be l in accordance ngbacks, on eends or restrained 	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All) , 6-7=0/302, 5-6=0/302 0, 2-8=-370/0 en considered for this a with the 2015 Interna dge, spaced at 10-00-0 ned by other means.	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exco 2 design. tional Residential Code sec 00 oc and fastened to each	T(ept when shown. ctions R502.11.1 and R truss with 3-10d (0.131	2802.10.2 and 1" X 3") nails.	Str ve Rig referenced s Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing. standard ANSI/ s to be attached	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designe TPI 1. 3) Recommend 2x6 stro to walls at their outer	 do.2(flat) do.2(flat) do.3(flat) do.3(flat) do.3(flat) (lb) - Max. 2-3=-302/l 7-8=0/302 3-5=-370/l loads have be l in accordance ngbacks, on e ends or restrai 	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All) , 6-7=0/302, 5-6=0/302 0, 2-8=-370/0 en considered for this e with the 2015 Interna dge, spaced at 10-00-0 ned by other means.	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exc 2 design. tional Residential Code sec 00 oc and fastened to each	T(ept when shown. ctions R502.11.1 and R truss with 3-10d (0.131	REOLIDIZ and REO2.10.2 and I" X 3") nails.	Str ve Rig referenced s Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end ricals. gid ceiling directly applied or 10-0-0 oc bracing. standard ANSI/ e to be attached	
BOT CHORD 2x4 SP WEBS 2x4 SP OTHERS 2x4 SP REACTIONS (I FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live 2) This truss is designe TPI 1. 3) Recommend 2x6 stro to walls at their outer	 loa.2(flat) loa.3(flat) loa.3(flat) los.3(flat) los.3(flat) los.3(flat) loads have beel in accordance ngbacks, on eends or restrain 	269/0-3-8, (min. 0-1-8) Comp./Max. Ten All) , 6-7=0/302, 5-6=0/302 0, 2-8=-370/0 en considered for this a with the 2015 Interna dge, spaced at 10-00-(ned by other means.	, 8=269/0-3-8, (min. 0-1-8) forces 250 (lb) or less exc design. tional Residential Code sec 00 oc and fastened to each	T(ept when shown. ctions R502.11.1 and R truss with 3-10d (0.131	ROP CHORD OT CHORD (802.10.2 and 1" X 3") nails.	Str ve Rig referenced s Strongbacks	ructural wood sheathing directly applied or 5-3-0 oc purlins, except end rticals. gid ceiling directly applied or 10-0-0 oc bracing. standard ANSI/ s to be attached	

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.



									01 05	
JOD	Truss		Truss Type		Qty	Ply	PBS - PLAN 4 THE	SELMA	GL RF	
72322555	2F7		Truss		6	1	Job Reference (opt	ional)		
UFP Mid Atlantic I	LC, 5631 S. NC 62, B	urlington, NC, Micah Cla	yton	Run: 8.62 S S	ep 22 2022 Pi	rint: 8.620 S	Sep 22 2022 MiTek Indu	ustries, Inc	. Thu Jun 22 11:	57:06 Page: 7
					ID:5vNTJP	5GWa4?a3F	RdtuUeGwyibUp-Zm2r7s	MD4LHEV	VO6QXhanHRnC	DyhSe1b8E5D4Gdxz3lSh
1-2-0	0-10-8 0-10-8 0-10-8 0-10-8 0-3-8	2-6-0 $0-1-8$ $1.5x3 =$ $1.5x3 =$ 1 $1.5x3 =$ 1 $1.5x3 =$ 1 1 $1.5x3 =$ 1 1 $1.5x3 =$ 1	$ \begin{array}{c} 1 \\ 1 \\ 3x6 \\ 2 \\ 3x5 \\ 2 \\ 3x5 \\ $	2-6-0 1.5x3 II 1.5x3 II 14 3x4=	-10-8 3x6 1.5x3 56 13 3x4	2-6-0 FP " 	3x5= 7 7 12 11 3x4= IS 3x10 FP <u>17-7-8</u> 7 10.9	x6= 8 B2	0-1-8 6-0 1.5x3= 1.5x3 = 1.5x3 = 1.5x3 = 10 3x6=	6-10-8/2-0 0-10-8 0-3-8
		I	7-10-0	1 1	-10-6 1		7-10-0		I	
Sould 1:40.0										
Scale = 1:40.9										
Plate Offsets (X, Y	Y): [13:0-1-8,E	Edge], [14:0-1-8,Edge]								
Loading	(psf)	Spacing	2-0-0	CSI	DEI	FL	in (loc) l/defl	L/d I	PLATES	GRIP
TCLL	40.0	Plate Grip DOL	1.00	тс	0.81 Ver	t(LL)	-0.32 14-15 >658	480 I	NT18HS	244/190
TCDL	10.0	Lumber DOL	1.00	BC	0.85 Ver	t(CT)	-0.43 11-13 >484	360	MT20	244/190
BCLL	0.0 5.0	Rep Stress Incr	YES IRC2015/TPI2014	WB Matrix-SH	0.61 Hor	z(CT)	0.07 10 n/a	n/a	Neight [,] 85 lb	FT = 20%F 11%F
LUMBER TOP CHORD BOT CHORD WEBS OTHERS	2x4 SP No.2(flat) 2x4 SP No.1(flat) 2x4 SP No.3(flat) 2x4 SP No.3(flat) (h(ciac)	40.040/0.2.0. (min. 0.4	D) 46 040/0 2 0 (min 0 4 (Bi TC BC	RACING DP CHORD DT CHORD	St ve Ri	ructural wood sheathing pricals. gid ceiling directly applie	directly ap d or 10-0-	oplied or 4-6-8 oc 0 oc bracing.	purlins, except end
FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalance 2) All plates a 3) This truss TPI 1. 4) Recomme to walls at	(Ib) - M (Ib) - M 2-3=-27 15-16= 8-10=-2 ed floor live loads have are MT20 plates unless is designed in accorda nd 2x6 strongbacks, or their outer ends or res	A2-35/0-3-0, (1011), (111), (11) ax. Comp./Max. Ten A 744/0, 3-4=-3957/0, 4-5= 0/2087, 14-15=0/3348, 1 2239/0, 2-16=-2239/0, 8- been considered for this s otherwise indicated. Ince with the 2015 Intern n edge, spaced at 10-00- trained by other means.	0), 10–930 30 30, (1111 0 1 4 11 forces 250 (Ib) or less exce -3957/0, 5-6=-3957/0, 6-7=-3 -314=0/3957, 12-13=0/3348 11=0/855, 2-15=0/855, 7-11: design. ational Residential Code sec 00 oc and fastened to each	27 spt when shown. 3957/0, 7-8=-2744/0 , 11-12=0/3348, 10-11: =-787/0, 3-15=-787/0, 7 tions R502.11.1 and R truss with 3-10d (0.131	=0/2087 7-13=0/933, 3 802.10.2 and " X 3") nails.	-14=0/933 referenced s Strongbacks	standard ANSI/ s to be attached			
							C	Annumania Annu Annu Annu Annu Annu Annu Annu Ann	SEA 04270 6/23/2	ROLINA IONAL L 68 023

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 a governing codes and ordinances. Building Designer shall verify all design information on this sheet for conformance with conditions and requirements of the 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		Otv	Plv	PBS -	PI AN 4	THE SELL		
70202555	2F10						1 00 -				
		NO Missh Ola	TTUSS	D	0		Job Re	eference	e (optional)	has Thus has 00.44	-57-00 De seu 4
UFP MID Atlantic LLC, 5631 S	5. NC 62, Buriir	ngton, NC, Mican Cia	yton	Run: 8.62 S	Sep 22 20 ID:5vN1	22 Print: 8.62 [JP5GWa4?a	a3RdtuUeGwy	∪22 IVITe ∕ibUp-Zm	ek industries, i2r7sMD4LH	EWO6QXhanHRnP	OhUH1bSE5D4Gdxz3lSh
0-10-8 0-10-8 0-10-8	9-10-8 0538	2-6-0 0-1-8 1.5x3 II 1.5x3 = 1 BUT 16 3x6 =	$ \begin{array}{c} 1 & -3 - 0 \\ 3x6 = \\ 2 & 3 \\ \hline & & & & \\ 2 & 3 \\ \hline & & & & \\ & & & & \\ & & & & \\ & & & & \\ & & & & $	2-6-0 1.5 1.5 1.5 1.5 1.5 1.5 1.5 1.5	x ³ " 1.5 5 4 1.5 4 1. 1= 3 <u>, 9-3-0 1</u> 1-4-8	2-6-(3x6 FP x3 II 5 6 3 x4 =	3x5= 7 12 MT18HS 3x10	W 11 0 FP 3x4= <u>17-1-8</u> 7-10-8	3x6= T2 12 B2	0-1-8 2-6-0 1.5x3 = 1.5x3 = 9 8 10 3x6 =	6-10-8 0-10-8 0-10-8 0-3-8
Scale = 1:40.2	-										
Plate Offsets (X, Y):	[13:0-1-8,Edge	e], [14:0-1-8,Edge]									
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-SH	0.72 0.74 0.59	DEFL Vert(LL) Vert(CT) Horz(CT)	in -0.28 1 -0.38 1 0.07	(loc) 3-14 : 3-14 : 10	l/defl L/d >731 480 >534 360 n/a n/a	PLATES MT18HS MT20 Weight: 83 lb	GRIP 244/190 244/190 FT = 20%F, 11%E
LUMBER TOP CHORD 2x4 SP N BOT CHORD 2x4 SP N WEBS 2x4 SP N OTHERS 2x4 SP N	lo.2(flat) lo.1(flat) lo.3(flat) lo.3(flat)				BRACING TOP CHOI BOT CHOI	RD RD	Structural v verticals. Rigid ceiling	vood shea g directly	athing directl applied or 10	y applied or 5-4-8 o D-0-0 oc bracing.	c purlins, except end
REACTIONS (Ib FORCES TOP CHORD BOT CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor live i 2) All plates are MT20 pl 3) This truss is designed TPI 1. 4) Recommend 2x6 strong to walls at their outer of the strength of the streng	(ib) - Max. (ib) - Max. 2-3=-2642/ 15-16=0/20 8-10=-2164 loads have bee ates unless off in accordance ngbacks, on ed ends or restrain	922/0-3-8, (min. 0-1- Comp./Max. Ten Al (0, 3-4=-3750/0, 4-5=- 018, 14-15=0/3215, 1: 4/0, 2-16=-2164/0, 8- en considered for this nerwise indicated. with the 2015 Interna loge, spaced at 10-00- ned by other means.	8), 16=922/0-3-8, (min. 0-1-8 I forces 250 (lb) or less exce :3750/0, 5-6=-3750/0, 6-7=-3 3-14=0/3750, 12-13=0/3215, 11=0/813, 2-15=0/813, 7-11= design. ational Residential Code sect 00 oc and fastened to each t) pt when shown. 750/0, 7-8=-2642/0 11-12=0/3215, 10- -745/0, 3-15=-745/ ions R502.11.1 and russ with 3-10d (0.) 11=0/2018 0, 7-13=0/8 d R802.10.2 131" X 3") n	28, 3-14=0/8 and reference ails. Strongb	28 ced standard , packs to be att	ANSI/ ached			
										NORTH CA POFESS 0427 6/23/2 Q. Work	NROLINA IONAL 68 2023



loh	Truss				Otv	Plv	P		4 THE	SELM	AGLRE	
72322555	2F11		Truss		5	5 1			,	ULLWI.		
UEP Mid Atlantic LLC 5	631 S NC 62 Bu	rlington NC Micah Clav	ton	Run: 8.62 S. Se	22 20	22 Print: 8 6	20 S Sep	22 2022 Mi	ce (opti Tek Indu	onal) stries Ir	nc. Thu Jun 22 11:	57:07 Page: 1
					<i>,p 22 20</i>	ID:djp463	34dlHy8y	vtRJAzPjiyit	bUq-1ycE	LCNrre	P47Yhc5O60qfKb	q5m4m1uOKtpp9Nz3lSg
1-2-0 / /	0-10-8 -10-8 0-10-8 0-3-8	2-6-0 0-1-8 1.5x3 II 1.5x3 = 1 1.5x3 = 1.5x3	$ \begin{array}{c} 1 & -3 - 0 \\ 3x5 = & 3x4 \\ 2 & 3 \\ \hline W3 & W3 \\ \hline 15 \\ 3x4 = \\ \hline 7 - 10 - 8 \\ \hline 7 - 10 - 8 \\ \hline \end{array} $	$2-6-0$ $\downarrow 1$ $1.5x3$ $=$ 14 $3x4 =$ $\begin{bmatrix} 8\\ -1 \\ -1 \\ -1 \\ -1 \\ -1 \\ -1 \\ -1 \\ -$	- <u>1-0</u> 1.5> " 5 13 3> - <u>11-8</u> -1-0	2-6-0 x3 II 3x6 FP 6 	3x4 7 MT18H	= 12 11 S 3x10 FP 3x4= <u>16-10</u> 7-10-	3x5 8 2 W3 -0 8	2- = B2	0-1-8 1.5x3= 1.5x3 ≡ 1.5x3 ≡ 1.5x3 ≡ 10 3x6=	0-10-820 0-10-8 0-3-8
Scale = 1:39.7												
Plate Offsets (X, Y):	[13:0-1-8,Ed	lge], [14:0-1-8,Edge]										
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-SH	0.67 0.96 0.58	DEFL Vert(LL) Vert(CT) Horz(CT)	ii -0.2 -0.3i 0.0	n (loc) 7 13-14 3 13-14 7 10	l/defl >727 >531 n/a	L/d 480 360 n/a	PLATES MT18HS MT20 Weight: 82 lb	GRIP 244/190 244/190 FT = 20%F, 11%E
LUMBER TOP CHORD 2x4 BOT CHORD 2x4 WEBS 2x4 OTHERS 2x4	SP No.2(flat) SP No.2(flat) SP No.3(flat) SP No.3(flat)	I		BF TC BC	RACING OP CHOI	RD	Structo vertica Rigid o	ural wood sh Is. ceiling direct	neathing o	directly a	applied or 5-6-0 oc -0 oc bracing.	purlins, except end
REACTIONS FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced floor 2) All plates are MT 3) This truss is desi TPI 1. 4) Recommend 2x6 to walls at their o	(Ib/size) 11 (Ib) - Ma: 2-3=-258 15-16=0, 8-10=-21 r live loads have b f20 plates unless of igned in accordance 6 strongbacks, on outer ends or restra	0=906/ Mechanical, (min x. Comp./Max. Ten All 33/0, 3-4=-3632/0, 4-5=-3 /1978, 14-15=0/3136, 13 121/0, 2-16=-2121/0, 8-1 ween considered for this of therwise indicated. ce with the 2015 Internat edge, spaced at 10-00-0 ained by other means.	. 0-1-8), 16=906/0-3-8, (min forces 250 (lb) or less exce 1632/0, 5-6=-3632/0, 6-7=-3 -14=0/3632, 12-13=0/3136, 1=0/788, 2-15=0/788, 7-11= design. ional Residential Code sect 0 oc and fastened to each t	n. 0-1-8) pt when shown. 632/0, 7-8=-2583/0 11-12=0/3136, 10-11= -720/0, 3-15=-720/0, 7 ions R502.11.1 and Ri russ with 3-10d (0.131	=0/1978 '-13=0/7 802.10.2 " X 3") n	71, 3-14=0/7 ? and referen ails. Strongt	771 ced stand backs to b	dard ANSI/ be attached				
									Ċ	and the second second	SEA 04270 04270 04270 04270 04270 04270	ROUNT INTERNET







Job	Trus	S	Truss Type		Qty	Ply	PBS - PLAN	4 THE S	SELM	A GL RF	
72322555	2FG	61	Truss		1	1	Job Referer	nce (optic	onal)		
UFP Mid Atlantic LL	.C, 5631 S. NC 62, I	Burlington, NC, Micah Cla	ayton	Run: 8.62 S	Sep 22 2022	Print: 8.620 \$	Sep 22 2022 M	iTek Indus	tries, li	nc. Thu Jun 22 1	1:57:07 Page: *
		1-2-0	0-10-8 0-10-8 0-10-8 0-3-8	$\begin{array}{c} 1-3-0\\ 0-1-8\\ 1.5x3 \\ 1.5x3 \\ 1.5x3 \\ 3x5 \\ 3x5 \\ 1.5x3 \\ 1.5x3$	$ D: $ $ 1-1-0 $ $x_3 = 3x_3:$ $2 x_4 = 3x_3:$ $2 x_4 = 3x_4 = 3x_5 = 3x$	0-1-8 1.5x3= 1.5x3 = 4 0 8 4 5 3x5= 1 4 4 4 4 4 4 4 4 4 4 4 4 4	oz34Biw_j937zn	900 800 800 -00 -00	LCNrre	₽ ₽ 47Yhc5O60qfł	⟨gO5yNm8_OKtpp9Nz3ISε
Scale = 1:37.4				1-7-8	11-1-01	1-7-8					
Plate Offsets (X, Y)	: [5:0-2-0,E	dge], [8:0-2-0,Edge]									
Loading TCLL TCDL BCLL BCDL	(psf) 40.0 10.0 0.0 5.0	Spacing Plate Grip DOL Lumber DOL Rep Stress Incr Code	1-7-3 1.00 1.00 NO IRC2015/TPI2014	CSI TC BC WB Matrix-SH	0.38 V 0.24 V 0.19 H	ert(LL) ert(CT) lorz(CT)	in (loc) -0.01 7 -0.01 7 0.00 5	l/defl >999 >999 n/a	L/d 480 360 n/a	PLATES MT20 Weight: 25 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER TOP CHORD BOT CHORD WEBS OTHERS REACTIONS FORCES TOP CHORD BOT CHORD WEBS NOTES 1) Unbalanced 2) This truss is TPI 1. 3) Magnitude of 4) Recommend to walls at th LOAD CASE(S) 1) Dead + Flo Uniform Lo	2x4 SP No.2(flat) 2x4 SP No.2(flat) 2x4 SP No.3(flat) 2x4 SP No.3(flat) (lb/size) (lb) - N 2-3=-6 7-8=0 3-5=-8 floor live loads have designed in accord: f user added load(s d 2x6 strongbacks, c leir outer ends or re: Standard or Live (balanced): I ads (lb/ft) Vert: 5-8=-8, 1-	5=669/0-3-8, (min. 0-1-8 Max. Comp./Max. Ten A 364/0 (664, 6-7=0/664, 5-6=0/66 306/0, 2-8=-806/0 e been considered for this ance with the 2015 Intern on edge, spaced at 10-00 strained by other means. Lumber Increase=1.00, P -4=-330	8), 8=669/0-3-8, (min. 0-1-8) Il forces 250 (lb) or less exce 54 is design. Iational Residential Code sec applied uniformly across all g -00 oc and fastened to each late Increase=1.00	pt when shown. tions R502.11.1 an gravity load cases v truss with 3-10d (0.	BRACING TOP CHORD BOT CHORD d R802.10.2 ar with no adjustm 131" X 3") nails	nd referenced ents. s. Strongback	structural wood si erticals. ligid ceiling direc standard ANSI/ ss to be attached	heathing d tly applied	irectly or 10-	applied or 4-4-0 0-0 oc bracing.	AROUNA
								C	and the	CHAWN	EEP.





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.





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	Job	Truss	Truss Type	Qty	Ply	PBS - PLAN 4 THE SELMA GL RF	
	72322555	2KW1	Truss	1	1	Job Reference (optional)	
UFP Mid Atlantic LLC, 5631 S. NC 62, Burlington, NC, Micah Clayton			rton Run: 8.62 S Se	p 22 2022 Pr	int: 8.620 S	Sep 22 2022 MiTek Industries, Inc. Thu Jun 22 11:57:08	Page: 1

ID: 5vNTJP5GWa4? a 3RdtuUeGwyibUp-V8AbYYOUcyXxlhGpe6dFNstvpVL1VdiXZXZMhpz3ISfort Stars and Sta0-1-8 0-1-8 ł 2 3 6 8 9 10 11 4 5 7 Т1 23 1-2-0 вЩ ST い 0-10-22 12 21 20 19 18 17 16 15 14 13 3x3 = 3x3= 12-8-0 12-8-0 Scale = 1:33.5 Loading (psf) Spacing 2-0-0 CSI DEFL in (loc) l/defl L/d PLATES GRIP TCLL 40.0 Plate Grip DOL 1.00 тс 0.08 Vert(LL) n/a n/a 999 MT20 244/190 TCDL 10.0 Lumber DOL 1.00 BC 0.02 Vert(TL) n/a . n/a 999 BCLL 0.0 Rep Stress Incr YES WB 0.03 Horiz(TL) 0.00 12 n/a n/a BCDL 5.0 IRC2015/TPI2014 FT = 20%F, 11%E Code Matrix-R Weight: 55 lb

LU	MB	ER	

LUMBER	2			BRACING	
TOP CHO	ORD 2x4 SP No	.2(flat)		TOP CHORD	Structural wood sheathing directly applied or 6-0-0 oc purlins, except end
BOT CHO	ORD 2x4 SP No	.2(flat)			verticals.
WEBS	2x4 SP No	.3(flat)		BOT CHORD	Rigid ceiling directly applied or 10-0-0 oc bracing.
OTHERS	2x4 SP No	.3(flat)			
REACTIO	ONS All b	earings	12-8-0.		
	(lb) - Max	Grav	All reactions 250 (lb) or less at joint(s) 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22		
FORCES	6	(lb) -	Max. Comp./Max. Ten All forces 250 (lb) or less except when shown.		
NOTES					
1) All	plates are 1.5x3 MT2	20 unles	ss otherwise indicated.		
2) Ga	ble requires continuo	us bott	om chord bearing.		
3) Tru	iss to be fully sheathe	ed from	one face or securely braced against lateral movement (i.e. diagonal web).		
4) Ga	ble studs spaced at 1	-4-0 oc	2		
5) Thi	is truss is designed ir	accord	ance with the 2015 International Residential Code sections R502.11.1 and	d R802.10.2 and referen	ced standard ANSI/

TPI 1.

6) Recommend 2x6 strongbacks, on edge, spaced at 10-00-00 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.





Job	Truss	Truss Type	Qty	Ply	PBS - PLAN 4 THE SELMA GL RF
72322555	2KW2	Truss	1	1	Job Reference (optional)



6/23/2023 6/23/2023 Provide the second secon



Job	Truss		Truss Type		Qty	Ply	PBS	- PLAN	4 THE	SELM	A GL RF	
72322555	2KW5	i	Truss		1	1	Job	Referen	ce (opti	onal)		
UFP Mid Atlantic LLC, 563	1 S. NC 62, Bu	rlington, NC, Micah Clay	/ton	Run: 8.62 S Se	p 22 2022	2 Print: 8.620	S Sep 22	2022 Mi	Fek Indus	stries, I	nc. Thu Jun 22 11:	57:08 Page: 1
1-2-0 0-10-8 0-10-8	0-10-8 0-3-8	0-1-8 → 0-1-8 0-1-8 0-1-8 31 2 0 31 2 30 29 3x3=	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	8 23 - <u>-3-8</u> -3-8	9 22 21 3x6 FP	3x6 F 101	P 12 	1 <u>B2</u>	3 T2 8	0-1-8 14 15 32 92 17 16 3x3=	6-10-8220 0-10-8 0-3-8
Scale = 1:40.4												
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) - - 16	l/defl n/a n/a n/a	L/d 999 999 n/a	PLATES MT20 Weight: 72 lb	GRIP 244/190 FT = 20%F, 11%E
LUMBER TOP CHORD 2x4 SI BOT CHORD 2x4 SI WEBS 2x4 SI OTHERS 2x4 SI	 No.2(flat) No.2(flat) No.3(flat) No.3(flat) No.3(flat) 	2.0		BR TC BC	ACING P CHORI T CHORI	ס	Structura verticals. Rigid cei	l wood sh ing directl	eathing o y applied	directly I or 10-	applied or 6-0-0 oc 0-0 oc bracing.	purlins, except end
(lb) - FORCES NOTES 1) All plates are 1.5x3 2) Gable requires con 3) Truss to be fully sh 4) Gable studs space 5) This truss is design TPI 1. 6) Recommend 2x6 s to walls at their out	Max Grav A 21 (Ib) - Maz MT20 unless o tinuous bottom eathed from onu d at 1-4-0 oc. led in accordand trongbacks, on i er ends or restra	II reactions 250 (lb) or le 6, 27, 28, 29, 30 x. Comp./Max. Ten Al otherwise indicated. chord bearing. e face or securely brace ce with the 2015 Interna edge, spaced at 10-00-1 ained by other means.	ess at joint(s) 16, 17, 18, 19, I forces 250 (lb) or less exce ed against lateral movement tional Residential Code sec 20 oc and fastened to each	20, 21, 23, 24, 25, pt when shown. (i.e. diagonal web). tions R502.11.1 and R8 truss with 3-10d (0.131)	02.10.2 a X 3") nai	and reference	ed standar	d ANSI/ attached				
										"Iner	OR OFESS	ROLINA
									C	In A when the	6/23/2 04270 6/23/2 0, NGINI	L 023 DU









