isting t	e Remain 288 Volt, 3 Ph	15e. 4	Wire, 3	000 Am	p, Main I	Distribut	ion Panel	with 300	Amp MC	:B.											
1	Description	P	А	W	Cond	FLA	Walts	KWA	KvB	Kwc	#	Description	P	Α	w	Cond	FLA	Watts	KwA	Kws	Kw
	(E)Suige Supressor	3	(E)30	ETR	ETR	0.3	100	5.6													
				ETR		0.3	- 1		8.8									3			
				ETR		0.3	- 1			9.8								- 3			
	Refrigeration Rack A	-3	(E)500	(8)	(1)	276	99257	32.1										- 3			
				(8)		276	- 1		33.1									3			
				(33		27%	- 1			23.4								- 3			
	(E)Panel R2	- 3	(E)60	ETR	ETR	10	3460	1.4			8	(EjPanel EM	3	€130	ETR	ETR	0	0)	0.0		
				EIR		500			9.2						ETH		D:	- 3		30.0	
				ETR		10	- 1			1.9					ETR		3	3			0.6
,	(E)Panel R	.3	(E)100	ETR	ETR	.62	18864.8	5.0			8	(E)Panel CL	3.	(E)100	(8)	133	56	20294	4.7		
				ETR		52	- 1		8.2						(1)		56	3		5.3	
				E 781		820	- 1		į	5.7					(1)		56	- 1			7.7
	(E)≃anel L2	3	(2)160	ETR	878	- 0		0.0			10	(E)Ponel L1	3	(6)328	579	5TR	75	26628	8.3		
				ETR		10.	- 1		0.0						STR		75	- 1		8.9	
				ETR		- 0	- 1		i	0.6					579		78	- 1			9
	(E)Panel P3	.3	(E)225		ETR	128	44833	38:0			10:	(E)Panel P1	3	(年)175	ETR	ETR.	69	24953	10.8		
				ETR		125	- 1		0.0						ETR		89	- 1		7.9	
				ETE		125	- 1		1	0.0					ETR		69	3			7.3
	(E)Panel ERP	- 3	(E)600	ETR	ETR	87	31453	11.5										- 8			
	(Marats-2)			ETR		97	- 1		10.2									3			
				STR		87	- 1			9.7								- 1			
•	(E)RYU-1	:13	(E)400		EXH	188	57500	22.5			16	(E)Pane: PE	3	(E)400	EIR	ETR	102	36580	12.5		
				ETR		188	- 1		22.5						ETR		102	- 3		14.6	
				ETR		188	- 1			22.5					ETR		102	- 3			10.
	SPARE	3	(8,400			0	- 1	9.0			16	(E)Panelo PD1/PD2	3.	(E)400		ETR	305	109798	38.9	-	
						101	- 1		0.0						ETR		305	- 3		32.1	
						10	- 1			0.0					513		305	3			38.
,	(E)Panet PF	:3	(E)600		EXR	379	136332	42.1	1									- 1			
				ETR		379	- 1		44.7									3			
				ETR		379			ļ	49.5											
							- 3	115.6	119.0	122.4		otal Connected xW						- 3	74,5	71.7	73.

NOTES (1) Rafe to Riser Plan on Sheet E401 for wire and combit size.

sting	to Remain 208 Volt, 3 Ph	256, 4	Wiro, 6	60 Amp	MLO M	la in Distr	lbution P	net.						***						****	****
	Description	P	A	W	Cond	FLA	Watts	KWA	KWB	KWC	2	Description	P	A	99	Cond	PLA	Watts	KWA	Kws	I.
ľ	(E) Gempactor	3	(E)60	ETR	ETR	38	13500	4.5			2	Baler	3.	10G	#3	5-1/2"	47	16900	5.6		T
				ETR		:36	9		4.5						43		47	- 1		5.6	
				ETR		36	8			4,5					*3		47	- 1			1
	Osfroat Control Panel	73	(E)60	#B	350	47	16820	5.6				833045	3	(E)40	*6	3(4"	53	4500	1.5	i.	1
				#6		47	9		5.6						#8		13	- 1		1,5	1
	Calabara Calabara			46	lan lan	47			j	5.8		ALLEGADE C.		2022	98		12	- 1	610	}	i
	RTU3	્ય	(E)25	#10	3/4"	5	2900	1.0	110		6	SPARE	3	(E)50				- 1	0.0	0.6	1
				#10°			9		100	1,6							t t	- 1		0.6	j
	SPARE	- 2	(E)50	49.00		0,	3	0.8		100		60/2	~	(E126	ETR	ETR	13	X200	1.5	1	Ñ,
	W1.751.94s	.00	(4.300)			n.	9	0.0	0.8		"	Annex		, maybe	ETH		13		1100	1.5	1
						9.	-		3.00	0.0					ETR		13	- 1	1	1,000	
	8704	.3	25	#10	3.4"	9	2900	1.0	j		10	SPARE	3	(E)50			0	ال	Mh.	}	
				#19		8:	- 1		1.0								Ġ	. "		0.0	3
				#10		8	9			4.0							2/		~~	//////////////////////////////////////	1
	SPARE	3	(E)60			9	8	0.0	-		12	MUA-1 (Supply Fat)	3	25	#12	3/4"		5400	1.6		ò
						9	3		0.0			(Main Cook Line)			#12	- Mi	- 4//		,		
						9	9			0.0					#12	Mh	16		b	W '	٩
•	EF-1 (Hopd#1)	-3	30	419	3/4"	15	5568	1.9	į		14	MUA-1 (Condenser 1)	3	20	≈12	%	32	790	Mri.	8	
				#10		16	9		1.2			(Main Cook Line)		1	#12	%	12	1		. D. *	1
				#10		16				1.9			di	// ////	#12	- %	32		~~		1
	Panel P2	-3	(8)225	ETR	ETR	148	52576	14.2			16	MUA-1 (Condenser 2) 🧳			9810	3/40	17	6264	2.1		
				ETR		146	9		18.8	21.6		(Main Cook Line)		``''		- 1/2	17	- 1		.40	1
				ETR		140		28.2	35.8	35.6		<i></i>		1/2		a 8	§??		13.8	13.9	4

		*****								<i>M</i>	%									
								ANE	SC	HAD	ULE C1									
xistii	g to remain, 288 Volt, 3 Phase	. 4 Wire.	42 Pole	, 100 Amp	MLO P	ane≀.			Z	ZW.							***************************************	************		
#	Description	P A	W	Cond	FLA	Watts	K M	KWB	Kwc	18:40	Description	P	A	W	Cond	FLA	Watta	KWA	Kws	KWC
1	Space	4			-0		0.8/	à.		2 "	GFFFARE	3	1€)25			0	3	0.0		
3	Space	. 4			. F.	- 1	- 4	0.0		7 a	Scanitis keting Rm Rec	3	(E)20	#12	3/4*	3	360		0.4	
5	Scale Rec/ Deb (17101)	4 (E)2	0 #12	inth	(h 5	690		W	48	- 6	See higr Recp	- 1	(E)25	#12	3/4*	5	540			0.5
7	Scales (deat (IT01)	1 (生)2	0 #12		THINGS.	183	9.2	"IIIIII	1	8	Eispl Mgr Recp	3	(E)20	#12	3/4*	13	1280	1.3		
9	Out Room Fet Tester (MESS)	(E)2	0 #12	Ø 324°	-4-	618		0.54	Man.	1.300	FACE	1	(E)20	#12	3/4"	8	1000		1.0	
11	GF SPARE	1 (2)2	D:	Minne		m		1	-dillin	and in	Store Director Rec	1	(E)25	#12.	3/4"	5	540			0.5
13	Out Rm Ht Wrap/Sc (ME12)	1/1/1/1	#12	<i>*************************************</i>		111111525	0.6	1	į.	14	SPARE	- 4	(E)20			0	3	0.0		
15	PP Ht s/rap/Scale (ME12)		MM2.2	3/45	. 5.	10525		0.8		16	SPARE	- 2	(E)20			ō	- 1		0.0	
17	Grab o-Go Register (TD)	EX.	·Ma	3/40	-2:	200		1	0.2	18	SPARE	3	Œ (20			Ď.	- 3			0.0
19	Dari Hi Wasp/Sic (199	1 7512	o 44	3/4"	Maria	625	3.6		1	20	SPARE	3	(E)25			0.	3	0.0		
21	SEARS	A (8)2	· W	// ///	Mhr.	- 1		8.5		22	SPARE	4	€ 120			0	- 1		0.0	
23	//4/km *4	MAKE 12	, 4	Mind	- 80	- 1			6.6	24	SFARE	- 8	7E122			ō.	3			0.0
26	# SP###	What	0		-0-	- 1	0.0	1	į.	26	SPARE	4	Æ120			ó	- 1	0.8		
27	Mp. serillin.	- W///	a . "	,	Ď.	- 1		0.0	ì	28	SPARE	3	/E120			p-	- 3		0.8	
29	W : #: Wh.	. W	<i>W</i>		-0	- 1			0.0	30	SPARE	â	(6120			0	3			0.6
2	# A 25	1 Mes	n:		- 97	- 1	0.0	į.		32	SPARE	- 4	(E)20			0	- 3	0.0		
Ø.	Manage William	1 1512	0		-0	- 1		0.0		34	SPARE	4	₹£120			0	3	-	0.0	
	h. Whose M	1 (5)2			- 25	- 1			0.0	36	SPARE	3	Œ120			0	3			0.0
M	n. <i>"Willi</i>	3 SE12			-0-	- 1	0.0	1		38	SPARE		(E)20			8	- 8	0.0		
30	SFASE	1 (5)2			- 8	- 1		0.0	į.	ais.	RC-1	4	E125			Ď.	3	A. M.	0.0	
43	SPARE	- (a)a	0		- 6	- 1		1	0.0	42	RG-2	4	(F)20			0	3			9.0
Z1			Ĕ				1.4	1.1		1								1.3	1,4	9.3
***	Total KW Phase A					2.7		1.1			Total Connected kiv	****	*******		. 7	********				سنتنس
	Total KW Phase B					2.5					Total Connected Amps				20					
	Total KW Phase C					1.9					Minimum Service Size					AMPS				
CTE:		roun com	270392040	·922260							Seriaman Ser 100 Size	620	nances.	e arebi	- 84	ner s				
	C.																			

	ed 208 Volt, 3 Phase, 4 Wire Description	P	A	w	Cond	PLA	Wetts	Kwa	KwB	Kwc	*	Description	P	A.	w	Cond	FLA	Watte	Kwa	KWB	Kwc
1	Express Checkout Recp	1	(E)(00	#12	3/4*	2	180	9.2			2	Security Panel	ŝ	(8,20	#12	3/4"	2	180	0.2		
3.	Checkstand Recg	1	(E)20	#12	3/4"	72	180		0.2		*	GF-SPARE		(E)22			.0	- 1		0.0	
5	Checkstand Recp	Ť	(E)00	#12	3/4"	- 2	180			0.2	8	GF-SPARE	ż	(E)20			8	1	7		0.0
7	Express Checkout Recp.	Ť	(E)20	¥12	3/4"	. 2	150	0.2			8	Checkstand Recp	8	(E)20	#12	3/4	2	180	0.2		
9	Cafe Register Ricep (102)	1	(E)00	#12	3/4"	2	180		0.2		10	Checkstand Recp	- 5	(5)23	#12	3/47	2	180	- 1	0.2	
t	Cafe Scale Recepts (1701)	Ť.	(E)20	¥12	3/4"	1	80			0.1	12	Checkstand Recp.	5	(E)20	#12	3/4"	2	180			0.2
3	Klosk Natural Living	1	(6)20	\$13	3/4"	6	720	6.7			14	Checkstand Recp	4	(E)20	#12	3.4	2	186	0.2		
5	GF-SPARE	1	(E)20			.0.	3		8.8		18	SPARE	3	(E)20			ō.	1		0.0	
7	SPARE	1	(\$120	9.2	3/4"	.3	360			0.4	18	SPARE		(E120			0	- 1	- 3		0,0
9	TTS Recep IT Room	1	(E)20	#12	3/4"	3	360	0.4			28	SPARE	12	(E)20			.0	- 1	0.0		
ŧ	Server Recip IT Room	1	(2)25	\$12	3/47	.3	366		8,4		22	SPARE		(Egg			0	1	- 1	0.0	
3	Server Reco IT Room	1	(E)20	#12	3/4*	3	380			9.4	24	SPARE	13	(5)20			:5	- 1			5,0
5	Server Recp IT Room	3	(E)20	#12	3/4"	-3	360	0.4			28	SPARE	5	(8)20			0	- 1	0,0		
7	Cash Room Resp	4	(E)(00	#12	3/4"	a	360		0.4		28	3PARS	- 1	(E)20			0	- 1		0,6	
9	Cash Room Recp	1	(E)20	¥12	3/4"	- 2	180			0.2	36	SPARE	5	(8)80			.0	- 1			1
t.	SPARE	14	(E)(ZD			0	3	0.8			32	SPARE		(E)20			0	- 1	0.0		
3	SPARE	1	(E)20			- 0	- 1		0.0		34	SPARE	- 3	(E)20			0	1		0,0	1//
5	SEARE	- 1	(E100			:0	3			0.0	36	SPARS	¥	(E)20			.3	ain	m		0.8
Ţ	SFARE	1	(5)20			0	3	0.0			38	SPARE	\$	(E)20					Who.		
38	SPARE	÷ŧ.	(E)20			D	3		0.0		40	SPARE	15	(E)20			26	7		0.0	
И	SPARE	4:	(E)29			9	3			0.0	42	SPARE	*	(8)20			0/2			_	11100

NOTES: GF - Breaker shall be GFC type

										<u> </u>		/////////////////////////////////////		- 7//	_						
								n	A NI 💆	Maci	uer	OUL CL									
							dille	m. 5					•								
									anel prev	An.	erred	o as Pulling L									
153	ng to remain, 208 Volt, 3 ≓h	ase, 41	Mire, 4	2 Pole.	100 Amp	M.	inel.		//m)										,
3	Description		Α	w	colli	FLA	Watts	Kwa		Kw	% *	Scription	٠,٢	Α	w	Cond	FLA	Watte	KWA	KWB	KWC
3	SPARE	-1	(E)20		//····//	<i>m.</i> °		0.0			Wh.	A3 F 18 Door Case Lis	ţ.	(E)20	492	3/4"	- 3	348	0.3		
3	Track Lights - Dairy	1	15:	#12	3/4"		1545			·		A4-FF-15 Door Cose Us	٤	(E)00	#12	3847	2	288		0.3	
5	Lighting-Pizza Heat Lamps	k 4	(E)20	#12	3/4"	Wh.	1000			1.0	M)	A33- Salad Bar Case Lts	1	(E)26	#12	3.4	- 2	192			0.2
f	WILLDIN Ete-Bakery	1	(E)20	#52	3(47)	`''////	268	0.3				A24-Sery Delt Case Lts	Ĭ	(E)29	#12	394	2	192	9.2		
•	Track Lighter Produce	M	15	#12	3/4"	"///	1440		<i>: 1111</i>		19	A28- Cheese Case Lis	. 1	(E)20	852	3740	2	240		6.2	
t.	Track Lights - Productor	// //	15	#12	3/4*	13	//// 548			1.5	12	A 13- Phoduce Case 11s	1	(E)20	#12	3/4"	14.	504			0.5
3	Track Lights- Natural Engl	Mh.	15	6 12	3/4"	12	Million of	1.4	<i>///</i>		14	SPARE	1	(E)20			a	8	0.0		;
5	Touck Lights (FF)		15	#12	3/4*	12		M	100	1	18	A23- Satt Serve Dell Ltd	£	(E)20	#92	3/4"	2	:240		0.2	
7.	Track Lis-Decimient	W	2 005	¥12	3/47	812	· W		ì	3.4	18	A17- Seer Case Lis	4	(E)20	#12	3/4"	4	492			0.5
9	SPARE	"//				2 ,0		0.0	1		20	A14-Wet Proc Case bis	4	(E)20	412	3647	:6	552	9.6		
10	Mack Elghts- Grab-N-Go	- 43	Wh.	#12	3/4"	Mir.	1440		1.4		22	A 29- Sushi Case Lts	16	(E)20	#12	3/4	4	96		6.1	
3	M SHARE	1	<i>Y////</i>	&		////\			1	0.0	24	A25- Sanswich Case Lts	t	(E)20	#12	394"	- 1	808			0.1
25	Delt & Bottery Sign	1	e.	1000	M	8	3000	1.0			28	A21- Meet Cose Us	1.	E130	#12	3/4"	.4	492	0.5		1
77	Meet Ston	1	(E)(2)	Mari	MK .	4	500		0.5		29	A15- Dairy Case Lts	ŧ	(E)20	#12	3/4"	5	552		6.8	
8	Saw Window Recepts	- 1	(E)23	W	3/4"	9	1080		1	4.5	38	A16-Dally Case Lis	i	(E)20	#12	3/4"	- 5	552			0.6
et	SPARE		GE1204	<i>V</i>	3647	:0		0.8	1		32	A30- Grati-N/Gc Case Lts	,	(E)20	#12	3947	-2	243	0.2		1
'n.	SPARE	IIII.	(5)20			in			0.0		34	A26- Bakery Case Lts	i	(E)20	412	3/4"	- 1	100		0.1	ĺ
4	M. W. SPARE		NEX22			- 0			1	0.0	25	A32- Office Bar Us	·	(E)20	212	3/4"	4	96		1955	0.1
7	MID. W SPARS	4	89,65			0		0.8	-		38	A27- Beveroow Cose Lts	i	(E)20	412	21.0	- 6	180	0.2		1
10	A Mark Case Light		(\$1,22)	212	3/25	- 2	432	-5.9	0.4		an.	SPARE	1	(E)20	* **					0.0	1
è	A31 Asse Case Lights		(E120	\$12	3/42	- 8	180		1 ~~	9.2	42	A12-Produce Island Case Lts	÷	(E)20	242	3/47	8	100			0.1
:5.	The same of the sa		Setto.					2.7	6.8	5.2	1	1112 1 100mm (300 M (0000 D)0		1-140					2.0	1.5	2.6
	Tetal KW Phase A						4.7		1 0.0	1 3.2		Total Connected kW				. 20		B		, nat	. 20
à	Total KW Phase B						8.3					Total Connected Ampa									
Ø,	Total KW Phase C						7.2					Minimum Service Size					AMPS				

(1) All existing breakers in this pener are "Smart Breakers", but the smart breaker faction shall not be utilized.

tisting to				ole, 100 Amp MLG Panel.	_	,		i						1		,
ž	Description			W Cond FLA Wa		KWB	KWE		Description	5	er en er	Cond	FLA Watts	KWA	Kwa.	Kw
4	SPARE	- 1	(E)26		0.0	į	Į	2	SPARE		(E)20		0	0.6		
3	SPARE	1	Œ;26	Q:	- 1	0.0	1	*	SPARE	3	(E)20		Ø.		0.0	1
5	SPARE	-4	(B)20	· C-	- 1	-	0.0	6	SPARE	- 4	(E)20		0			0.0
7	SPARE	1	(E)26	(6)	9.0	ĺ	-	.8	SPARE	3	(E)20		0	0.0	-	
9	SPARE	-4	(E)20	-0-	- 1	0.0	ì	10	SPARE	- 3	(E)20		9		0.0	į.
13	SPARE	18	(E)200	0	- 1	i	0.0	12	SPARE	3	(E)20		Ø.		į	0.1
13	SFARE	14	(≅)20	·é·	0.0	1	1	14	SPARE	- 3	(E)00		0	0.0		1
15	SPARE	14	(E)20	:01	- 1	0.0	ł	16	SPARE	3	(E)20		Œ		0.8	
17	SPARE	- 4	Œ120	0	- 1	1	0.0	18	SPARE	- 3	(E)20		ò.		i	ß.
19	Space	1		c	0.0	1	1	20	Space	3			O.	9.0		
21	Space	14		· G	- 1	0.6	į	22	Space	3			0		0.0	1
23	Space	15		-83	- 1		0.0	24	Space	- 1			11			0.0
25	Space	- 9			0.0	į	j	26	Space	3			O.	0.0	ĺ	1
27	Space	14		:61	- 1	0.0	1	28	Space	3			o.		0.0	1
29	Soace	- 3		-0:	- 1	i	0.0	30	Space	3			Ø.		1	0.
31	Space	- 1		e:	30.0	1	1	32	Space	- 1			a	0.0		
33	Space	1.9		101		0.0	1	34	Spece	- 3			0		0.0	-
35	Space	- 3		- Co		1	0.0	36	Space	3			Ď.		1	0.1
37	Space	- 4		0	0.0	1	1	38	90000	4			0	0.0	1	1
39	Space	÷		Ğ	1	0.0	-	40	Space	3			o.		0.0	1
55	Space	- 4		- 6	- 1		6.6	42	Soace	4			0			0.1
·					0.0	0.0	0.0							0.0	0.0	6.1

PANEL & SWITCHBOARD NOTES

- 1. ALL WIRING SHALL COMPLY WITH THE 2014 NEC.
- ALL PRE-WIRED EQUIPMENT MUST BE LISTED AND LABELED PER NEC 110.3 (A AND B).
- 3. FLASH PROTECTION WARNING LABELS ON SWITCHBOARDS AND PANELBOARDS SHALL BE INSTALLED PER NEC 110.16.
- 4. SPACES ABOUT ELEC EQUIPMENT SHALL MEET NEC 110.26 (A-F). 5. CONDUCTORS INSTALLED IN UNDERGROUND RACEWAYS MUST BE RATED FOR WET LOCATIONS.

- . UNLESS OTHERWISE INDICATED, PROVIDE EQUIPMENT GROUNDING CONDUCTORS FOR ALL CIRCUITS. SIZE PER NEC ARTICLE 250.
- FOR 480V AND 208V, 1—PHASE AND 3—PHASE CIRCUITS, PROVIDE NEUTRAL CONDUCTOR IF REQUIRED BY EQUIPMENT SERVED.
- 10. THE AIC RATING SHALL EXCEED THE MAXIMUM AVAILABLE FAULT CURRENT AT THE TRANSFORMER SECONDARY LUGS.

11. ALL ELECTRICAL EQUIPMENT SHALL BE RATED FOR 75 DEG C MINSHUM.



LUCKY'S MARKET 6420 NAPLES BLVD. NAPLES, FLA. 34109



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