Panel Name: LP | Panel Location: RESTRM ALCOVE A 116 | Voltage: 277/480V | Phase/Wire: 3PH/4W | Minimum Interrupting Rating: 1,824 | New/Existing: New
MLO or Main C.B.: MLO | Surface or Flush: FLUSH | Frame Amps: 225 | Grounding: EQUIPMENT GROUND | Sections: TWO SECTION | Nema Rating: NEMA 1

Load VA Ph A	Load VA Ph B	Load VA Ph C	LOAD TYPE	Cond #	Note	Branch Load Data	Wire	Breaker Trip	Breaker Pole	No.	Ph.	No.	Breaker Trip	Breaker Pole	Note	Wire	Branch Load Data	Cond #	LOAD TYPE	Load VA Ph A	Load VA Ph B	Load VA Ph C
2184			REF			SELF CONT SUSHI CASE	20	1	1	a	2								REF			
	2184		REF			SELF CONT SUSHI CASE	20	1	3	b	4	20	1			SELF CONT PRODUCE CASE		REF		1800	
		2184	REF			SELF CONT SUSHI CASE	20	1	5	c	6								REF			3100
1680			REF									40	2		2C1	STARBUCKS EXPRESSO		K		3100	
	1680		REF			SELF CONT SUSHI CASE	20	2	7	a	8								REF		1727	
		1680	REF						9	b	10	20	2			BERRY CASE		REF			1727
1680			REF						11	c	12								REF			
	1680		REF			SELF CONT SUSHI CASE	20	2	13	a	14	20	2			BERRY CASE		REF	1727		
		1680	REF						15	b	16								REF		1727	
			REF						17	c	18	20	2			BERRY CASE		REF			1727
1152			K			RICE COOKER	20	1	19	a	20								REF	1727		
	2184		REF			SELF CONT SUSHI CASE	30	1	21	b	22	20	1			PRODUCE SCALES/ MIST		R		1120	
						SPARE	20	1	23	c	24	20	2			HAND DRYER		R			700
2184			REF			SELF CONT SUSHI CASE	30	1	25	a	26								R	700		
						SPARE	20	1	27	b	28								R		700	
		1150	K			RICE COOKER	20	1	29	c	30	20	2			HAND DRYER		R			700
1200			REF			REF TABLE	20	1	31	a	32	20	2			HAND DRYER		R	700		
	1200		K			MARC UP TABLE	20	1	33	b	34								R		700	
		1000	K			CONV OUTLET AND CIRC PUMP	20	1	35	c	36	20	1			SBG LOW BOY KIOSK		R			900
1680			R			CART CHARGER	20	1	37	a	38	20	1			SINGLE DECK DCU CASE		S	1800		
	1680		R			CART CHARGER	20	1	39	b	40	20	1			CUSTOMER		S		1500	
		1680	R			CART CHARGER	20	1	41	c	42	20	1			PVM MONITORS		S			1200
1680			R			CART CHARGER	20	1	43	a	44	20	1			ROOF RECEPTACLE		R	180		
	1680		R			CART CHARGER	20	1	45	b	46	20	1			ROOF RECEPTACLE		R		180	
		840	R			CART CHARGER	20	1	47	c	48	20	1			SEATING AREA RECEP		R			900
1068			R			WATER FOUNTAIN/RECEPTS	20	1	49	a	50	20	1			SEATING AREA RECEP		R	720		
	1334		R			ICE MERCHANDISER	20	1	51	b	52	20	1			SEATING AREA RECEP		R		720	
		1272	S			REDBOX	20	1	53	c	54	20	1			SEATING AREA RECEP		R			900
570			M			EF-8 CORKSYS	20	1	55	a	56								H	3000		
	380		M			EF-19 SMOKER	20	1	57	b	58	40	2		2C1	CU-2		H		3000	
		137	M			EF-10 RESTROOMS	20	1	59	c	60	20	1			SEATING AREA RECEP		R			540
540			R			CONVENIENCE RECEPTS	20	1	61	a	62	20	1			REC - FLORAL/FLY ZAP		S	1188		
	180		R			VESTIBULE CEILING RECEP	20	1	63	b	64	20	1			SPARE					
		127	Z			COND EVAP	20	1	65	c	66	20	1			SPARE					
						PROVISION		1	67	a	68		1			PROVISION					
						PROVISION		1	69	b	70		1			PROVISION					
						PROVISION		1	71	c	72		1			PROVISION					
						PROVISION		1	73	a	74		1			PROVISION					
						PROVISION		1	75	b	76		1			PROVISION					
						PROVISION		1	77	c	78		1			PROVISION					
						PROVISION		1	79	a	80		1			PROVISION					
						PROVISION		1	81	b	82		1			PROVISION					
						PROVISION		1	83	c	84		1			PROVISION					
15617	14182	11750				Sum per phase (VA) left side										Sum per phase (VA) right side			16842	13174	12394
16842	13174	12394				Sum per phase (VA) right side															
32459	27356	24144				Sum per phase (VA) panel															
	30%					Load Balance															
	117	amps				Largest Phase Load															
	110	amps				Minimum Feeder Rating															

Total Connected (VA): 83959
Total Connected Amps: 117
Calculated Load (Amps) @ 93%: 109

Panel Name: LR1 | Panel Location: DOCK 165 | Voltage: 120/208V | Phase/Wire: 3PH/4W | Minimum Interrupting Rating: 13,757 | New/Existing: New
MLO or Main C.B.: MLO | Surface or Flush: SURFACE | Frame Amps: 400 | Grounding: EQUIPMENT GROUND | Sections: ONE SECTION | Nema Rating: NEMA 1

Load VA Ph A	Load VA Ph B	Load VA Ph C	LOAD TYPE	Cond #	Note	Branch Load Data	Wire	Breaker Trip	Breaker Pole	No.	Ph.	No.	Breaker Trip	Breaker Pole	Note	Wire	Branch Load Data	Cond #	LOAD TYPE	Load VA Ph A	Load VA Ph B	Load VA Ph C
4200			REF							1	a	2							REF	4200		
	4200		REF			CASE DEF - A02	3C2	50	3	3	b	4	50	3		3C2	CASE DEF - A04		REF		4200	
		3500	REF							5	c	6							REF			3500
3950			REF							7	a	8							REF	3950		
	5250		REF			CASE DEF - A03/A13	3C3	70	3	9	b	10	70	3		3C3	CASE DEF - A05/A12		REF		4200	
		4200	REF							11	c	12							REF			5250
3502			REF							13	a	14							REF	3502		
	3500		REF			CASE DEF - A06	3C1	40	3	15	b	16	50	3		3C2	CASE DEF - A01/A08		REF		4200	
		3500	REF							17	c	18							REF			4200
5250			REF							19	a	20							REF	5250		
	5250		REF			CASE DEF - A07	3C2	60	3	21	b	22	60	3		3C2	CASE DEF - A09/A11		REF		4950	
		3500	REF							23	c	24							REF			4200
3500			REF							25	a	26										
	5250		REF			CASE DEF - A10	3C2	60	3	27	b	28					PROVISION					
		5250	REF							29	c	30										
										31	a	32					PROVISION					
						PROVISION				33	b	34										
										35	c	36					PROVISION					
										37	a	38										
						PROVISION				39	b	40					PROVISION					
										41	c	42										
22400	23450	19950				Sum per phase (VA) left side										Sum per phase (VA) right side			16800	17550	17150
18800	17550	17150				Sum per phase (VA) right side															
41300	41000	37100				Sum per phase (VA) panel															
	11%					Load Balance															
	344	amps				Largest Phase Load															
	350	amps				Minimum Feeder Rating															

Total Connected (VA): 119400
Total Connected Amps: 344
Calculated Load (Amps) @ 100%: 344

Panel Name: LR2 | Panel Location: BACKDRM A 161 | Voltage: 120/208V | Phase/Wire: 3PH/4W | Minimum Interrupting Rating: 4,478 | New/Existing: New
MLO or Main C.B.: MLO | Surface or Flush: FLUSH | Frame Amps: 225 | Grounding: EQUIPMENT GROUND | Sections: ONE SECTION | Nema Rating: NEMA 1

Load VA Ph A	Load VA Ph B	Load VA Ph C	LOAD TYPE	Cond #	Note	Branch Load Data	Wire	Breaker Trip	Breaker Pole	No.	Ph.	No.	Breaker Trip	Breaker Pole	Note	Wire	Branch Load Data	Cond #	LOAD TYPE	Load VA Ph A	Load VA Ph B	Load VA Ph C
3760			REF							1	a	2							REF	4680		
	2280		REF			CASE DEF - C02	3C2	50	3	3	b	4	50	3		3C2	CASE DEF - B06		REF		3760	
		4680	REF							5	c	6							REF			2280
4680			REF							7	a	8							REF	2280		
	3760		REF			CASE DEF - C03	3C2	50	3	9	b	10	50	3		3C2	CASE DEF - C01		REF		4680	
		2280	REF							11	c	12							REF			3760
2450			REF							13	a	14							REF	3760		
	2450		REF			CASE DEF - C04	3C1	40	3	15	b	16	50	3		3C2	CASE DEF - C04		REF		2280	
		3000	REF							17	c	18							REF			4680
						PROVISION				19	a	20		1			PROVISION					
						PROVISION				21	b	22		1			PROVISION					
						PROVISION				23	c	24		1			PROVISION					
						PROVISION				25	a	26		1			PROVISION					
						PROVISION				27	b	28		1			PROVISION					
						PROVISION				29	c	30		1			PROVISION					
						PROVISION				31	a	32		1			PROVISION					
						PROVISION				33	b	34		1			PROVISION					
						PROVISION				35	c	36		1			PROVISION					
						PROVISION				37	a	38		1			PROVISION					
						PROVISION				39	b	40		1			PROVISION					
						PROVISION				41	c	42		1			PROVISION					
10890	8490	10460				Sum per phase (VA) left side										Sum per phase (VA) right side			10720	10720	10720
10720	10720	10720				Sum per phase (VA) right side															
21610	19210	21180				Sum per phase (VA) panel															
	12%					Load Balance															
	180	amps				Largest Phase Load															
	200	amps				Minimum Feeder Rating															

Total Connected (VA): 62080
Total Connected Amps: 180
Calculated Load (Amps) @ 100%: 180

Panel Name: SB | Panel Location: STARBUCKS 110 | Voltage: 120/208V | Phase/Wire: 3PH/4W | Minimum Interrupting Rating: 1,601 | New/Existing: New
MLO or Main C.B.: MLO | Surface or Flush: FLUSH | Frame Amps: 225 | Grounding: EQUIPMENT GROUND | Sections: ONE SECTION | Nema Rating: NEMA 1

Load VA Ph A	Load VA Ph B	Load VA Ph C	LOAD TYPE	Cond #	Note	Branch Load Data	Wire	Breaker Trip	Breaker Pole	No.	Ph.	No.	Breaker Trip	Breaker Pole	Note	Wire	Branch Load Data	Cond #	LOAD TYPE	Load VA Ph A	Load VA Ph B	Load VA Ph C
3328			K							1	a	2							K	2000		
	3328		K			EXPRESSO	2C1	40	2	3	b	4	25	3			WATER HEATER		K		2000	
		2950	K							5	c	6							K			2000
2950			K			WARMING OVEN	2C1	40	3	7	a	8	30	2			COFFEE BREWER		K	2050		
	1920		REF			ICE MACHINE		30	1	9	b	10							K		2052	
		1356	K			HOT TAP		20	1	11	c	12	20	1			BLENDER		K			1560
1080			K			FUTURE EQUIP		20	1	13	a	14	20	1			FILTRATION		K	1200		
	380		S			SCALE		20	1	15	b	16	20	1			SPARE					
		1500	K			COFFEE GRINDER		20	1	17	c	18	20	1			SPARE					
840			REF			UC REFRIG		20	1	19	a	20	20	1			RECEP		R	360		
	1350		L			SIGN		20	1	21	b	22	20	1			TRACK LIGHT		TL		750	
						SPARE		20	1	23	c	24	20	1			UC REFRIGERATOR		REF			1200
1440			K			FOODCASE		20	1	25	a	26	20	1			POS EQUIP		S	900		
						SPARE		20	1	27	b	28	20	1			POS MISC		S		900	
						SPARE		20	1	29	c	30	20	1			CONDITIONER		K			500
9638	6858	5806				Sum per phase (VA) left side										Sum per phase (VA) right side			6510	5400	5250
6510	5400	5250				Sum per phase (VA) right side																
16148	12258	11056				Sum per phase (VA) panel																
	39%					Load Balance																
	135	amps				Largest Phase Load																
	110	amps				Minimum Feeder Rating																

Total Connected (VA): 39572
Total Connected Amps: 135
Calculated Load (Amps) @ 77%: 124

CONTRACTOR TO VERIFY ALL STARBUCKS EQUIPMENT AND CIRCUITS WITH STARBUCKS VENDOR PRIOR TO FABRICATION AND ROUGH IN

PANEL SCHEDULE NOTES:

(NUMBERS CORRESPOND TO THE NOTE COLUMN OF THE PANEL SCHEDULES.)
(NOT ALL NOTES MAY BE USED.)

(1) PROVIDE A LOCKABLE IN "OFF" POSITION DEVICE ON THE CIRCUIT BREAKER.
(2) PROVIDE A LOCK-ON DEVICE ON THE CIRCUIT BREAKER.
(3) PROVIDE A SHUNT TRIP CIRCUIT BREAKER.
(4) PROVIDE GROUND FAULT CIRCUIT INTERRUPT TYPE CIRCUIT BREAKER.
(5) EXISTING BREAKER SERVING REMAINING LOADS.
(6) EXISTING BREAKER SERVING NEW LOAD. RELABEL CIRCUIT DIRECTORY.
(7) REPLACE EXISTING BREAKER WITH NEW AS INDICATED.
(8) EXISTING LOAD DEMOLISHED. RELABEL CIRCUIT AS "SPARE" IN DIRECTORY.
(9) PROVIDE NEW BREAKER IN EXISTING BLANK PROVISION
(10) EXISTING LOAD TRANSFERED TO THIS PANEL FROM PANEL TO BE DEMOLISHED.
(11) PROVIDE UL LISTED HANDLE TIE ON CIRCUIT BREAKER TO FORM A 2 POLE BREAKER.

LP	LR1	LR2
SB	--	--

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ISSUE LOG

NO.	REV.	DESCRIPTION	DATE
1	--	PERMIT SET	12/05/18
2	--	BID SET	03/21/19

JOB	SCALE
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SHEET NO.
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PANEL SCHEDULES

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