



5200 Buffington Rd.
Atlanta Georgia,
30349-2998

Revisions:

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STORE #02593
HOUSTON ROAD FSJ

4980 HOUSTON RD
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SHEET TITLE
PANEL
SCHEDULES

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Sheet



PANELBOARD SCHEDULE - EXISTING PANEL-C

PANELBOARD DESCRIPTION		BREAKER OPTIONS		LOADS	
EXISTING B	ARC-FALLT/ GROUND FALLT/ HACR	AF	KVA PHASE A	20.43	
SEC / PI		GF	KVA PHASE B	21.63	
208 Y 120		HA	KVA PHASE C	19.24	
3 / 4		HD	AMPS PHASE A	170.3	
MLO / 250 AMP		HM	AMPS PHASE B	180.3	
65,000 MINIMUM		IG	AMPS PHASE C	160.4	
FLUSH		LO	KVA CONNECTED	631	
1		ST	KVA DIVERSIFIED	4165	
1		SW	AMPS CONNECTED	1703	
			AMPS DIVERSIFIED	151.6	

PNL NO.	CR NO.	LOAD DESCRIPTION	EQ NO.	LOAD TYPE	LOAD KVA	CR BKR	PH	CR BKR	LOAD TYPE	EQ NO.	LOAD DESCRIPTION	CR NO.	PNL NO.
1		KITCHEN LTG		L	1.446	20/A	A	20/A	1.620	EL	BUILDING SIGNAGE	2	D
3		KITCHEN LTG		L	0.770	20/A	B	20/A	1.620	EL	BUILDING SIGNAGE	4	C,D
5		OFFICE GEN/PRINTER		R	0.540	20/A	C	20/A			SPARE	6	
7		FOUR DRINK TOWERS	365	K	0.720	20/A	A	20/A	0.360	MS	WATER HEATER	8	
9		GENERAL OUTLETS		R	0.720	20/A	B	20/M/AM	1.365		PANEL-POS THRU PIB	10	
11		GENERAL OUTLETS		R	1.080	20/A	C	20/A	0.360	R	PLAY AREA OUTLET	12	
13		U.C. REFRIGERATOR	420	X	0.396	20/M/O	A	15/A	0.864	MI	EF-4 1/2 HP	14	
15		U.C. REFRIG	EXIST	X	0.480	20/M/O	B	20/M/O	0.360	R	SECURITY SYSTEM	16	
17		SPARE				20/A	C					18	
19		SPARE				20/A	A	20/3/A/O	1.056	X	COOLER CONDENSER AND EVAP COIL	20	
21		SPARE				20/A	B					22	
23		SANDWICH SLIDE	563	K	1.230	20/2	A	20/M/O	0.500	MS	FUTURE HOOD LIGHTING	24	
25		CARBONATOR	318	K	0.864	20/A/GF	B	20/3/A/O	1.987	X	FREEZER CONDENSER AND EVAP COIL	26	
27		CARBONATOR	318	K	0.864	20/A/GF	C		1.176	X		28	
29		CARBONATOR	318	K	0.864	20/A/GF	A	20/A	1.675	K	305 TEA BREWERS	30	
31		CARBONATOR	318	K	0.864	20/A/GF	B	20/A			SPARE	32	
33		CARBONATOR	318	K	0.864	20/A/GF	C	20/A			SPARE	34	
35		BOOSTER PUMP		MI	1.144	20/2	A	20/M/GF	0.500	HT	410 FREEZER HEAT TAPE	36	
37		SPARE										38	D
39		U.C. REFRIGERATOR	421	X	0.684	20/M/O	B	100/3			PANEL F	40	D
41		EF-1 1/2 HP		MI	1.176	20/A	C		12.442			42	D

*A/P/O INDICATES CIRCUIT BREAKER AMPACITY/NO. POLES/OPTIONS WITH OPTIONS AS NECESSARY

LOAD DESCRIPTION	TYPE	(KVA) X	DEMAND FACTOR	DIVERSIFIED KVA
RECEPTACLES	R	6.040	125	7.550
MISCELLANEOUS	MS	2.225	125	2.781
HEAT	HT	0.500	1	0.500
SINGLE PHASE MOTOR	MI	4.328	125	5.410
KITCHEN EQUIPMENT	K	32.484	0.65	21.15
KITCHEN REFRIG EQUIPMENT	X	22.581	0.65	14.678
TOTAL		68.158		50.524

PANELBOARD SCHEDULE - EXISTING PANEL-B

PANELBOARD DESCRIPTION		BREAKER OPTIONS		LOADS	
EXISTING B	ARC-FALLT/ GROUND FALLT/ HACR	AF	KVA PHASE A	20.43	
SEC / PI		GF	KVA PHASE B	21.63	
208 Y 120		HA	KVA PHASE C	19.24	
3 / 4		HD	AMPS PHASE A	170.3	
MLO / 250 AMP		HM	AMPS PHASE B	180.3	
65,000 MINIMUM		IG	AMPS PHASE C	160.4	
FLUSH		LO	KVA CONNECTED	631	
1		ST	KVA DIVERSIFIED	4165	
1		SW	AMPS CONNECTED	1703	
			AMPS DIVERSIFIED	151.6	

PNL NO.	CR NO.	LOAD DESCRIPTION	EQ NO.	LOAD TYPE	LOAD KVA	CR BKR	PH	CR BKR	LOAD TYPE	EQ NO.	LOAD DESCRIPTION	CR NO.	PNL NO.
1		ICE MAKER	380X	X	2.018	30/2	A	20/A/O	1.840	K	560 FRY HOLDING STAT	2	D
3		ICE MAKER	380X	X	2.018	30/2	B	20/M/GF	0.396	X	420 U.C. REFRIGERATOR	4	C,D
5		ICE MAKER	380X	X	2.018	30/2	A	20/M/O	0.180	R	550 WARMING DRAWER	6	C,D
7		SPARE				20/A	B	20/A/O	1.840	K	560 GEN OUTLET	8	
9		SPARE				20/A	C	20/A			GEN HOLDING STAT	10	
11		SPARE				20/A	A	20/A			SPARE	12	
13		SPARE				20/A	C	20/A			SPARE	14	
15		SPARE				20/A	B	20/A	0.500	MI	D.T. WINDOW	16	
17		SINGLE JUICE DISP.	EXIST	K	0.984	20/A	C	20/A			SPARE	18	
19		ICE DREAM	300X	X	2.280	25/3	A	20/M/O	0.180	R	GEN OUTLET	20	
21		ICE DREAM	300X	X	2.280	25/3	B	20/M/GF	1.440	X	440 BREADING TABLE	22	C,D
23		ICE DREAM	300X	X	2.280	25/3	C	20/M/GF	1.080	X	442 REF DISPLAY CASE	24	C,D
25		ROOF RECEPTACLES		R	0.540	20/A	A	20/A			SPARE	26	D
27		GENERAL OUTLETS		R	1.080	20/A	B		7.333	K		28	D
29		FRY FREEZER	400	X	1.128	20/A	C	80/3/ST	7.333	K	522 OPEN FRYER	30	D
31		FLY SYSTEM	2122	MS	0.245	20/M/GF	A		7.333	K		32	D
33		DOUBLE JUICE DISP.	310	K	0.943	20/A	B					34	D
35		LEMON JUICER STAND	607	R	0.360	20/A	C	20/M/O	0.360	MS	T-500/SHUNT TRIP	36	
37		SPARE							2.000	K	308 COFFEE MAKER	38	
39		ICE DREAM	300X	X	1.800	20/3	A	30/2	2.000	K		40	
41		ICE DREAM	300X	X	1.800	20/3	B	20/A	0.900	R	GENOUTLET/DOORBELL	42	

*A/P/O INDICATES CIRCUIT BREAKER AMPACITY/NO. POLES/OPTIONS WITH OPTIONS AS NECESSARY

LOAD DESCRIPTION	TYPE	(KVA) X	DEMAND FACTOR	DIVERSIFIED KVA
RECEPTACLES	R	3.340	125	4.175
MISCELLANEOUS	MS	0.605	125	0.756
SINGLE PHASE MOTOR	MI	0.500	125	0.625
KITCHEN EQUIPMENT	K	32.606	0.65	21.194
KITCHEN REFRIG EQUIPMENT	X	24.356	0.65	15.831
TOTAL		61.907		41.647

PANELBOARD SCHEDULE - PANEL-F

PANELBOARD DESCRIPTION		BREAKER OPTIONS		LOADS	
EXISTING D	ARC-FALLT/ GROUND FALLT/ HACR	AF	KVA PHASE A	11.59	
SEC / PI		GF <td>KVA PHASE B <td>11.77 <td></td> </td></td>	KVA PHASE B <td>11.77 <td></td> </td>	11.77 <td></td>	
208 Y 120		HA <td>KVA PHASE C <td>12.44 <td></td> </td></td>	KVA PHASE C <td>12.44 <td></td> </td>	12.44 <td></td>	
3 / 4		HD <td>AMPS PHASE A <td>96.57 <td></td> </td></td>	AMPS PHASE A <td>96.57 <td></td> </td>	96.57 <td></td>	
MLO / 400 AMP		HM <td>AMPS PHASE B <td>98.07 <td></td> </td></td>	AMPS PHASE B <td>98.07 <td></td> </td>	98.07 <td></td>	
65,000 MINIMUM		IG <td>AMPS PHASE C <td>103.7 <td></td> </td></td>	AMPS PHASE C <td>103.7 <td></td> </td>	103.7 <td></td>	
FLUSH		LO <td>KVA CONNECTED <td>35.8 <td></td> </td></td>	KVA CONNECTED <td>35.8 <td></td> </td>	35.8 <td></td>	
1		ST <td>KVA DIVERSIFIED <td>23.65 <td></td> </td></td>	KVA DIVERSIFIED <td>23.65 <td></td> </td>	23.65 <td></td>	
1		SW <td>AMPS CONNECTED <td>99.37 <td></td> </td></td>	AMPS CONNECTED <td>99.37 <td></td> </td>	99.37 <td></td>	
			AMPS DIVERSIFIED <td>65.64 <td></td> </td>	65.64 <td></td>	

PNL NO.	CR NO.	LOAD DESCRIPTION	EQ NO.	LOAD TYPE	LOAD KVA	CR BKR	PH	CR BKR	LOAD TYPE	EQ NO.	LOAD DESCRIPTION	CR NO.	PNL NO.
1		40' OLD RAIL	439	X	0.890	20/M/GF	A	20/M/GF	0.876	X	402 WORK TOP FREEZER	2	C
3		MULTI-USE HOLDING CAB	5804	K	2.040	20/M/GF	B	20/M/GF	0.180	R	DROP CORD OUTLET	4	C
5		HOLDING TOWER	562A	K	1.91	20/M/GF	C	20/M/GF	0.180	R	DROP CORD OUTLET	6	C
7		U.C. REFRIGERATOR	420	X	0.396	20/M/GF	A	20/M/GF	1.176	K	600 FLOOR MIXER	8	C
9		PRODUCT HOLDING	564	K	1.600	20/M/GF	B	20/M/GF	0.180	R	DROP CORD OUTLET	10	C
11		RADIANT TOASTER	500B	K	2.500	30/2	A	20/A	1.920	X	4445 THAWING CABINET	12	C
13		HOLDING TOWER	562A	K	2.500	30/2	C	20/M/GF	0.180	R	DROP CORD OUTLET	14	C
15		CONTACT TOASTER	500A	K	1.800	20/M/GF	B	15/M/GF	1.080	X	441 REFRIG SALAD PREP	16	C
17		HOLDING TOWER	562A	K	1.91	20/M/GF	C	20/A	1.920	X	4445 THAWING CABINET	18	C
19		MULTI-USE HOLDING CAB	5804	K	2.040	20/M/GF	A	20/M/GF	1.920	K	601 FOOD CUTTER	20	C
21		PRODUCT HOLDING	564	K	1.600	20/M/GF	B	20/M/GF	0.684	X	432 WORKTOP REFRIG	22	C
23		DROP CORD OUTLET		R	0.180	20/M/GF	C	20/A	1.920	X	444 THAWING CABINET	24	C
25		FOOD WARMING WELL	565C	K	1.500	20/M/GF	A	20/M/GF	0.180	R	DROP CORD OUTLET	26	C
27		WORKTOP REFRIG	432	X	0.684	20/M/GF	B	20/A	1.920	X	444 THAWING CABINET	28	C
29		SPARE				20/A	C	20/A			SPARE	30	
31		SPARE				20/A	B	20/A			SPARE	32	
33		SPARE				20/A	C	20/A			SPARE	34	
35		SPARE				20/A	B	20/A			SPARE	36	
37		SPARE				20/A	A	20/A			SPARE	38	
39		SPARE				20/A	B	20/A			SPARE	40	
41		SPARE				20/A	C	20/A			SPARE	42	

*A/P/O INDICATES CIRCUIT BREAKER AMPACITY/NO. POLES/OPTIONS WITH OPTIONS AS NECESSARY

LOAD DESCRIPTION	TYPE	(KVA) X	DEMAND FACTOR	DIVERSIFIED KVA
RECEPTACLES	R	1.080	PERNOKVA*50D	1.080
KITCHEN EQUIPMENT	K	22.498	0.65	14.624
KITCHEN REFRIG EQUIPMENT	X	12.220	0.65	7.943
TOTAL		35.798		23.647

PANELBOARD SCHEDULE - EXISTING PANEL-POS

PANELBOARD DESCRIPTION		BREAKER OPTIONS		LOADS	
EXISTING POS	ARC-FALLT/ GROUND FALLT/ HACR	AF	KVA PHASE A	35.15	
SEC / PI		GF <td>KVA PHASE B <td>34.19 <td></td> </td></td>	KVA PHASE B <td>34.19 <td></td> </td>	34.19 <td></td>	
208 Y 120		HA <td>KVA PHASE C <td>34.19 <td></td> </td></td>	KVA PHASE C <td>34.19 <td></td> </td>	34.19 <td></td>	
3 / 4		HD <td>AMPS PHASE A <td>292.9</td> <td></td> </td>	AMPS PHASE A <td>292.9</td> <td></td>	292.9	
MLO / 400 AMP		HM <td>AMPS PHASE B <td>284.9</td> <td></td> </td>	AMPS PHASE B <td>284.9</td> <td></td>	284.9	
65,000 MINIMUM		IG <td>AMPS PHASE C <td>284.9</td> <td></td> </td>	AMPS PHASE C <td>284.9</td> <td></td>	284.9	
FLUSH		LO <td>KVA CONNECTED <td>103.5</td> <td></td> </td>	KVA CONNECTED <td>103.5</td> <td></td>	103.5	
1		ST <td>KVA DIVERSIFIED <td>103.8</td> <td></td> </td>	KVA DIVERSIFIED <td>103.8</td> <td></td>	103.8	
1		SW <td>AMPS CONNECTED <td>287.4</td> <td></td> </td>	AMPS CONNECTED <td>287.4</td> <td></td>	287.4	
			AMPS DIVERSIFIED <td>288</td> <td></td>	288	

PNL NO.	CR NO.	LOAD DESCRIPTION	EQ NO.	LOAD TYPE	LOAD KVA	CR BKR	PH	CR BKR	LOAD TYPE	EQ NO.	LOAD DESCRIPTION	CR NO.	PNL NO.
1		ROOFTOP UNIT AC-1 (5 TON UNIT)	AC-1	HV	3.340	100/3/HA	A	70/3/HA	5.960	HV	ROOFTOP UNIT AC-2 (5.5 TON UNIT)	2	
3		ROOFTOP UNIT AC-2 (5 TON UNIT)	AC-2	HV	3.340	100/3/HA	B	70/3/HA	5.960	HV	ROOFTOP UNIT AC-3 (7.5 TON UNIT)	4	
5		ROOFTOP UNIT AC-3 (7.5 TON UNIT)	AC-3	HV	5.920	60/3/HA	B	50/3/HA	5.920	HV	ROOFTOP UNIT AC-4 (7.5 TON UNIT)	6	
7		ROOFTOP UNIT AC-4 (7.5 TON UNIT)	AC-4	HV	5.920	60/3/HA	C	50/3/HA	5.920	HV	ROOFTOP UNIT AC-5 (5 TON UNIT)	8	
9		ROOFTOP UNIT AC-5 (5 TON UNIT)	AC-5	HV	3.720	45/3/HA	B	30/3	2.628	HT			