

PANEL		MSB		NEW INSTALL X		FED TOP	
VOLTAGE		120/208 3 PHASE		4 WIRE		EXIST LOCATION	
AMP BUS		600		RELOCATED EXIST		FED BOTTOM X	
AMP MAIN		600		M.L.O.		MTD FLUSH X	
				A.I.C. RATING 65 KAIC		SURFACE X	
CKT #	DESCRIPTION	WATTS	WIRE SIZE	WIRE TYPE	WIRE SIZE	WIRE TYPE	DESCRIPTION
1	PANEL A	19289	4#10	CU	2#12	1#12G	PANEL B
2	PANEL B	3520	4#10	CU	2#12	1#12G	PANEL D
3	PANEL D	16086	4#10	CU	2#12	1#12G	3-POLE, 100A PROVISION
4	3-POLE, 100A PROVISION	15274	4#10	CU	2#12	1#12G	
DEMAND WATTS		135863	= 377.4 DEMAND AMPS		2.2% BALANCE		

PANEL		A		NEW INSTALL X		FED TOP	
VOLTAGE		120/208 3 PHASE		4 WIRE		EXIST LOCATION	
AMP BUS		200		RELOCATED EXIST		FED BOTTOM X	
AMP MAIN		200		M.L.O W/ISOLATED GROUND BUS		MTD FLUSH X	
				A.I.C. RATING 65/10 KAIC		SURFACE	
CKT #	DESCRIPTION	WATTS	WIRE SIZE	WIRE TYPE	WIRE SIZE	WIRE TYPE	DESCRIPTION
1	TBCCB3 WOOD FAN CONT. PANEL	500	2#12	1#12G	IN 3/4"	M	500 EI-TRANS
2	HOOD EXHAUST FAN (E-107)	832	H	2#10	1#10G	IN 3/4"	M
3	GAS WATER HEATER (P-300)	480	M	2#12	1#12G	IN 3/4"	M
4	IRRIGATION TIMER	360	M	2#12	1#12G	IN 3/4"	M
5	ORDER KIOSK RECEPTACLES	540	R	2#12	1#12G	IN 3/4"	M
6	1# EF-2	538	H	2#12	1#12G	IN 3/4"	M
7	ROOF RECEPTACLES	540	R	2#12	1#12G	IN 3/4"	M
8	OFFICE COMPUTER (F-040)	300	M	2#12	1#12G	IN 3/4"	M
9	SHOW WINDOW RECEPTACLE	540	R	2#12	1#12G	IN 3/4"	M
10	UTILITY RECEPTACLES	540	R	2#12	1#12G	IN 3/4"	M
11	MUSIC SYSTEM (F-131)	500	M	2#12	1#12G	IN 3/4"	M
12	SPARE	-	-	-	-	-	-
13	SPARE	-	-	-	-	-	-
14	SPARE	-	-	-	-	-	-
15	SPARE	-	-	-	-	-	-
16	SPARE	-	-	-	-	-	-
17	SPARE	-	-	-	-	-	-
18	SPARE	-	-	-	-	-	-
19	SPARE	-	-	-	-	-	-
20	SPARE	-	-	-	-	-	-
21	SPARE	-	-	-	-	-	-
22	SPARE	-	-	-	-	-	-
23	SPARE	-	-	-	-	-	-
24	SPARE	-	-	-	-	-	-
25	SPARE	-	-	-	-	-	-
26	SPARE	-	-	-	-	-	-
27	SPARE	-	-	-	-	-	-
28	SPARE	-	-	-	-	-	-
29	SPARE	-	-	-	-	-	-
30	SPARE	-	-	-	-	-	-
31	SPARE	-	-	-	-	-	-
32	SPARE	-	-	-	-	-	-
33	SPARE	-	-	-	-	-	-
34	SPARE	-	-	-	-	-	-
35	SPARE	-	-	-	-	-	-
36	SPARE	-	-	-	-	-	-
37	SPARE	-	-	-	-	-	-
38	SPARE	-	-	-	-	-	-
39	SPARE	-	-	-	-	-	-
40	SPARE	-	-	-	-	-	-
41	SPARE	-	-	-	-	-	-
42	SPARE	-	-	-	-	-	-
43	SPARE	-	-	-	-	-	-
44	SPARE	-	-	-	-	-	-
45	SPARE	-	-	-	-	-	-
46	SPARE	-	-	-	-	-	-
47	SPARE	-	-	-	-	-	-
48	SPARE	-	-	-	-	-	-
49	SPARE	-	-	-	-	-	-
50	SPARE	-	-	-	-	-	-
51	SPARE	-	-	-	-	-	-
52	SPARE	-	-	-	-	-	-
53	SPARE	-	-	-	-	-	-
DEMAND WATTS		58895	= 166.3 DEMAND AMPS		8.2% BALANCE		

PANEL		B		NEW INSTALL X		FED TOP	
VOLTAGE		120/208 3 PHASE		4 WIRE		EXIST LOCATION	
AMP BUS		200		RELOCATED EXIST		FED BOTTOM X	
AMP MAIN		200		M.L.O		MTD FLUSH X	
				A.I.C. RATING 65/10 KAIC		SURFACE	
CKT #	DESCRIPTION	WATTS	WIRE SIZE	WIRE TYPE	WIRE SIZE	WIRE TYPE	DESCRIPTION
1	RESTROOM LIGHTS	56	L	2#12	1#12G	IN 3/4"	M
2	KITCHEN/NOFC LIGHTS	405	L	2#12	1#12G	IN 3/4"	M
3	COOLER/FRZR LIGHTS	800	L	2#12	1#12G	IN 3/4"	M
4	PARKING LOT LIGHTING	561	L	SEE SITE PLAN	20	2	1761
5	11 REMOTE ALARM LT	100	L	2#12	1#12G	IN 3/4"	M
6	13 BUILDING SIGNS	1200	L	2#12	1#12G	IN 3/4"	M
7	15 BUILDING SIGNS	1200	L	2#12	1#12G	IN 3/4"	M
8	17 BUILDING SIGNS	1200	L	2#12	1#12G	IN 3/4"	M
9	SPARE	-	-	-	-	-	-
10	SPARE	-	-	-	-	-	-
11	SPARE	-	-	-	-	-	-
12	SPARE	-	-	-	-	-	-
13	SPARE	-	-	-	-	-	-
14	SPARE	-	-	-	-	-	-
15	SPARE	-	-	-	-	-	-
16	SPARE	-	-	-	-	-	-
17	SPARE	-	-	-	-	-	-
18	SPARE	-	-	-	-	-	-
19	SPARE	-	-	-	-	-	-
20	SPARE	-	-	-	-	-	-
21	SPARE	-	-	-	-	-	-
22	SPARE	-	-	-	-	-	-
23	SPARE	-	-	-	-	-	-
24	SPARE	-	-	-	-	-	-
25	SPARE	-	-	-	-	-	-
26	SPARE	-	-	-	-	-	-
27	SPARE	-	-	-	-	-	-
28	SPARE	-	-	-	-	-	-
29	SPARE	-	-	-	-	-	-
30	SPARE	-	-	-	-	-	-
31	SPARE	-	-	-	-	-	-
32	SPARE	-	-	-	-	-	-
33	SPARE	-	-	-	-	-	-
34	SPARE	-	-	-	-	-	-
35	SPARE	-	-	-	-	-	-
36	SPARE	-	-	-	-	-	-
37	SPARE	-	-	-	-	-	-
38	SPARE	-	-	-	-	-	-
39	SPARE	-	-	-	-	-	-
40	SPARE	-	-	-	-	-	-
41	SPARE	-	-	-	-	-	-
DEMAND WATTS		13664	= 38.51 DEMAND AMPS		4.3% BALANCE		

LOAD KEY LEGEND	
LOAD DESCRIPTION	APPLICABLE FACTOR
LIGHTING	125%
KITCHEN EQUIPMENT	65%
HVAC	100%
MISC. EQUIPMENT	100%
RECEPTACLES	100% / 50%

PANEL		D		NEW INSTALL X		FED TOP	
VOLTAGE		120/208 3 PHASE		4 WIRE		EXIST LOCATION	
AMP BUS		200		RELOCATED EXIST		FED BOTTOM X	
AMP MAIN		200		M.L.O		MTD FLUSH X	
				A.I.C. RATING 65/10 KAIC		SURFACE	
CKT #	DESCRIPTION	WATTS	WIRE SIZE	WIRE TYPE	WIRE SIZE	WIRE TYPE	DESCRIPTION
1	WALK-IN COOLER (W-059)	972	K	2#12	1#12G	IN 3/4"	M
2	WALK-IN FREEZER (W-059)	1044	K	2#12	1#12G	IN 3/4"	M
3	BLANK BREWER (S-547)	1425	K	2#12	1#12G	IN 3/4"	M
4	HEATED CABINET (S-028)	1920	K	2#12	1#12G	IN 3/4"	M
5	CARBONATOR (S-570)	860	K	2#12	1#12G	IN 3/4"	M
6	POWER SOAK (P-043)	1019	K	2#12	1#12G	IN 3/4"	M
7	BEVERAGE DISP. (S-384)	1116	K	2#12	1#12G	IN 3/4"	M
8	WATER FILTER SYSTEM (S-288)	240	K	2#12	1#12G	IN 3/4"	M
9	FREEZER (R-207)	828	K	2#12	1#12G	IN 3/4"	M
10	BEVERAGE DISP. DT (S-355)	1296	K	2#12	1#12G	IN 3/4"	M
11	HEATED CABINET (S-027)	1920	K	2#12	1#12G	IN 3/4"	M
12	ICE TEA EOP. (S-545)	1780	K	2#12	1#12G	IN 3/4"	M
13	HEAT TRACE	1000	K	2#12	1#12G	IN 3/4"	M
14	CARBONATOR (S-570)	860	K	2#12	1#12G	IN 3/4"	M
15	SPARE	-	-	-	-	-	-
16	SPARE	-	-	-	-	-	-
17	SPARE	-	-	-	-	-	-
18	SPARE	-	-	-	-	-	-
19	SPARE	-	-	-	-	-	-
20	SPARE	-	-	-	-	-	-
21	SPARE	-	-	-	-	-	-
22	SPARE	-	-	-	-	-	-
23	SPARE	-	-	-	-	-	-
24	SPARE	-	-	-	-	-	-
25	SPARE	-	-	-	-	-	-
26	SPARE	-	-	-	-	-	-
27	SPARE	-	-	-	-	-	-
28	SPARE	-	-	-	-	-	-
29	SPARE	-	-	-	-	-	-
30	SPARE	-	-	-	-	-	-
31	SPARE	-	-	-	-	-	-
32	SPARE	-	-	-	-	-	-
33	SPARE	-	-	-	-	-	-
34	SPARE	-	-	-	-	-	-
35	SPARE	-	-	-	-	-	-
36	SPARE	-	-	-	-	-	-
37	SPARE	-	-	-	-	-	-
38	SPARE	-	-	-	-	-	-
39	SPARE	-	-	-	-	-	-
40	SPARE	-	-	-	-	-	-
41	SPARE	-	-	-	-	-	-
42	SPARE	-	-	-	-	-	-
43	SPARE	-	-	-	-	-	-
44	SPARE	-	-	-	-	-	-
45	SPARE	-	-	-	-	-	-
46	SPARE	-	-	-	-	-	-
47	SPARE	-	-	-	-	-	-
48	SPARE	-	-	-	-	-	-
49	SPARE	-	-	-	-	-	-
50	SPARE	-	-	-	-	-	-
51	SPARE	-	-	-	-	-	-
52	SPARE	-	-	-	-	-	-
53	SPARE	-	-	-	-	-	-
DEMAND WATTS		30846	= 85.96 DEMAND AMPS		6.7% BALANCE		

PANEL		E		NEW INSTALL X		FED TOP	
VOLTAGE		120/208 3 PHASE		4 WIRE		EXIST LOCATION	
AMP BUS		200		RELOCATED EXIST		FED BOTTOM X	
AMP MAIN		200		M.L.O W/ISOLATED GROUND BUS		MTD FLUSH X	
				A.I.C. RATING 65/10 KAIC		SURFACE	
CKT #	DESCRIPTION	WATTS	WIRE SIZE	WIRE TYPE	WIRE SIZE	WIRE TYPE	DESCRIPTION
1	HOT FOOD TABLE	1560	K	2#12	1#12G	IN 3	