

P12-LE		PANELBOARD SCHEDULE - PANEL-A												#STORE
PANELBOARD DESCRIPTION														
PANELBOARD NAME: A			A			ARC-FAULT: AF			LOADS					
MANUFACTURER / TYPE: S/D / NO			S/D / NO			GROUND FAULT: GF			KVA PHASE A			32.69		
VOLTS: 208 Y 120			208 Y 120			PNC			KVA PHASE C			25.48		
PHASE / WIRE: 3 / 4			3 / 4			HIG TRG RATED: HM			AMPS PHASE A			27.74		
MAIN TYPE / CU BUS AMPS: MLO / 250 AMP			MLO / 250 AMP			HIGH MAG LOAD: HM			AMPS PHASE B			24.65		
AIC SERIES RATING: 65,000			65,000			ISOLATED GROUND: IG			AMPS PHASE C			24.67		
MOUNTING: FLUSH			FLUSH			LOCKING: LO			KVA CONNECTED			91.67		
NEUA RATING: 1			1			SHUNT TRIP: ST			KVA DIVERSIFIED			21.81		
QUANTITY OF SECTIONS: 1			1			SWITCH RATED: SW			AMPS CONNECTED			25.45		
PANEL WIDTH: 20 INCHES													19.65	
PHI	CR	LOAD	EQ	LOAD	CR	BR	LOAD	EQ	LOAD	CR	BR			
Notes	NO	DESCRIPTION	NO	TYPE	KVA	*A/PO	PH	*A/PO	KVA	TYPE	NO	Notes		
1		TELEPHONE QTY VIDEO	R	0.540	201	A	201	1.650	K	305	TEA BREWER	2		
5		OFFICE GEN MGR & MGR	R	0.540	201	B	201	1.650	K	305	TEA BREWER	4		
5		OFFICE GEN PRINTER	R	0.720	201	C	201	0.180	R		GENERAL OUTLET	6		
7		DRINK TOWER	315W	K	1.200	201	A	201	1.440	X	SPARE	8		
9		GENERAL OUTLET	R	0.540	201	B	201	1.1M			PANEL POS THRU P/B	10		
11		GENERAL OUTLET	R	0.720	201	C	201	1.200	K	315W	DRINK TOWER	12		
13		U.C. REFRIG	420	X	0.564	201/LO	A	201	1.200	K	315W	DRINK TOWER	14	
15		U.C. REFRIG	420	X	0.564	201/LO	B	201/LO	0.360	R	SECURITY SYSTEM	16		
17		U.C. REFRIG	420	X	0.756	201/LO	C	201/LO	0.754	X	COOLER CONDENSER AND PUMP COIL	18		
19		U.C. REFRIG	420	X	0.864	201	A	203/LO	0.754	X	449	COOLER CONDENSER AND PUMP COIL	20	
21		SPARE					B		0.890	X		22		
23		SANDWICH SLIDE	5630	K	1.190	201/LO	C	201	1.200	K	315W	DRINK TOWER	24	
25		SANDWICH SLIDE	5630	K	0.548	201/LO	A	201	1.728	X		26		
27		CARBONATOR	320	S	0.864	201	B	303/LO	1.882	X	410	FREEZER CONDENSER AND EVAP COIL	28	
29		CARBONATOR	320	K	0.066	201	C	320	0.180	LO		30		
31		CARBONATOR	320	K	0.966	201	A	201/LO	0.500	MS	410	FREEZER HEAT TAPE	32	
33		CARBONATOR	320	K	0.864	201	B	201			SPARE	34		
35		BOOSTER PUMP	MT	1.144	202	C		4.960	K			36		
37		BOOSTER PUMP	MT	1.144	202	C		4.960	K	120	FRANKIE HOT TABLE	38		
39		GENERAL OUTLET	R	0.900	201	B	201	4.096	K			40		
41		SPARE					C	1.884	K			42		
43		SPARE					A	2.544	K	103A	FRANKIE HOT TABLE	44		
45		SPARE					C	3.060	K			46		
47		SPARE					C	4.256	K			48		
49		SPARE					A	603	4.960	K	120C	FRANKIE TOASTER TABLE	50	
51		SPARE					B	4.256	K			52		
53		SPARE					C	201			SPARE	54		
55		ROOFTOP UNIT AC-2 (12.5 TON UNIT)	AC-2	HV	7.800			1.000	LO		SPARE	56		
57		ROOFTOP UNIT AC-2 (12.5 TON UNIT)	AC-2	HV	7.800	803	B	1 POLE			SPARE	58		
59		SPARE					C	1 POLE			SPARE	60		
61		SPACE					A	1 POLE			SPACE	62		
63		SPACE					B	1 POLE			SPACE	64		
65		SPACE					C	1 POLE			SPACE	66		
67		SPACE					A	1 POLE			SPACE	68		
69		SPACE					B	1 POLE			SPACE	70		
71		SPACE					C	1 POLE			SPACE	72		
*A/PO INDICATES CIRCUIT BREAKER IMPACT/NO. POLES/OPTIONS WITH OPTIONS AS NECESSARY														
PANELBOARD LOAD SUMMARY														
LOAD DESCRIPTION														
TYPE														
KVA X DEMAND FACTOR = DIVERSIFIED KVA														
LIGHTING														
L 0.000 1.25 0.000														
EXTERIOR LIGHTING & SIGNAGE														
EL 0.000 0 0.000														
RECEPTACLES														
R 4.680 PER-100KVA(50%) 4.680														
MISCELLANEOUS														
MS 1.940 1.25 2.425														
HVAC														
HV 23.400 1 23.400														
HEAT														
HT 0.000 1 0.000														
SINGLE PHASE MOTOR														
M1 2.288 1.25 2.860														
KITCHEN EQUIPMENT														
K 49.330 0.65 32.065														
KITCHEN REFRIG EQUIPMENT														
X 10.216 0.65 6.640														
TOTAL														
91.674 TOTAL 71.890														

P12-LS		PANELBOARD SCHEDULE - PANEL-B										#STORE	
PANELBOARD DESCRIPTION			BREAKER OPTIONS								LOADS		
PANELBOARD NAME: MANUFACTURER / TYPE: VOLTS: PHASE / WIRE: MAIN TYPE / CU BUS AMPS: AIC SERIES RATING: MOUNTING: NEMA RATING: QUANTITY OF SECTIONS: PANEL WIDTH:			B		ARC-FAULT: (GROUND FAULT: HICR: PER/IGRATED: HIGH MAG. LOAD: ISOLATED GROUND: LOCK-OUT: SHUNT TRIP: SWITCH RATING:		AF GF HM HA IG LO SW		KVA PHASE A 20.9 21.55 KVA PHASE C 17.82 17.41 AMPS PHASE B 20.6 14.8 AMPS PHASE C 63.57 63.57 KVA DIVERSIFIED 175.6 AMPS DIVERSIFIED 134				
PANEL WIDTH: 20 INCHES			EQ		LOAD		CR		BR		LOAD		
Phi	CR	LOAD	EQ	LOAD	CR	BR	LOAD	EQ	LOAD	CR	BR	LOAD	
Notes	NO	DESCRIPTION	NO	TYPE	KVA	*A/PO	PH	*A/PO	KVA	TYPE	NO	Notes	
H	1	GENERAL OUTLETS	R	0.360	201	A	201/LO	0.756	X	431	WORKTOP REFRIG	2	
H	3	GENERAL OUTLETS	R	0.360	201	B	201	1.500	K	565C	FOOD COOKER/WARMER	4	
H	5	GENERAL OUTLET	R	0.180	201	C	201	0.180	R		GENERAL OUTLET	6	
H	7	MILKSHAKE DISPENSER	300A	K	0.120	201	A	201	0.180	R	TV	8	
9		ROOF MTD ICE MAKER	3802C	X	2.544		B	201/LO	1.128	K	400	FRY FREEZER	10
11		ROOF MTD ICE MAKER	3802C	X	2.544		C	201/LO	1.940	K	560	FRY HOLDING STAT	12
13		ROOF MTD ICE MAKER	3802	X	0.720	151/LO	B	201	0.500	M1		D.T. WINDOW	16
F	15	JUICE DISPENSER	310	K	0.945	201	C	2.544	X				18
H	19	JUICE DISPENSER	310	K	2.280		A	353	2.544	X	3802C	ROOF MTD ICE MAKER	20
21		ICE DREAM MACHINE	300X	K	2.280	253/LO	B		2.544	X			22
23		ROOF RECEPTACLES					C	151/LO	0.720	X	3802	INTERIOR ICE MAKER	24
25		ROOF RECEPTACLES					A	201	1.960	X	444	THAWING CABINET	26
27		DINING AREA OUTLETS	R	1.080	201	B	201	1.960	X	444	FUTURE THAW CABINET	28	
29		DINING AREA OUTLETS	R	1.080	201	C	201/LO	0.360	MS		1-400/SHUNT TRIP	30	
I	31	FLY LIGHT SYSTEM	MS	0.364	201/LO	A	201				SPARE	32	
H	33	JUICE DISPENSER	310	K	0.945	201	B	201	0.380	EL		REFUSE ENCLOSURE	34
H	35	LEMON JUICER STAND	607	R	0.180	201	C	201/LO	0.360	MS			36
37		ICE DREAM MACHINE	300X	K	1.800		A	302	2.000	K	308	COFFEE MAKER	38
39		ICE DREAM MACHINE	300X	K	1.800	203/LO	B		2.000	K			40
41		HEATED AIR DOOR	AD-1	HT	2.628		C	201	0.540	R		GEN OUTLETS/DOORBELL	42
43		HEATED AIR DOOR	AD-1	HT	2.628		A	201	0.960	MS	AD-2	UNHEATED AIR DOOR	44
45		HEATED AIR DOOR	AD-1	HT	2.628		B	2.280	K	300X	MILKSHAKE DISPENSER	46	
47		SPACE					C	253/LO	2.280	K		ICE DREAM MACHINE	48
49		SPACE					A	201	0.120	K	300A	MILKSH	50
51		SPACE					B	2.280	K	300X	MILKSHAKE DISPENSER	52	
53		SPACE					C	201	0.120	K	300A	MILKSHAKE DISPENSER	54
55		SPACE					A	201	0.120	K	300A	MILKSHAKE DISPENSER	56
57		SPACE					B	2.280	K	300X	MILKSHAKE DISPENSER	58	
59		SPACE					C	201	0.120	K	300A	MILKSHAKE DISPENSER	60
61		SPACE					A	201	0.120	K	300A	MILKSHAKE DISPENSER	62
63		SPACE					B	2.280	K	300X	MILKSHAKE DISPENSER	64	
65		SPACE					C	201	0.120	K	300A	MILKSHAKE DISPENSER	66
67		SPACE					A	201	0.120	K	300A	MILKSHAKE DISPENSER	68
69		SPACE					B	2.280	K	300X	MILKSHAKE DISPENSER	70	
71		SPACE					C	201	0.120	K	300A	MILKSHAKE DISPENSER	72
*A/PO INDICATES CIRCUIT BREAKER AMPERAGE. POLE POSITIONS WITH OPTIONS AS NECESSARY													
PANELBOARD LOAD SUMMARY													
LOAD DESCRIPTION		TYPE		KVA		TYPE		KVA		DIVERSIFIED			
LIGHTING		EL		0.000		1.25		0.000					
EXTERIOR LIGHTING & SIGNAGE		EL		0.380		1.0		0.380					
RECEPTACLES		R		4.680		12.9		4.680					
MECHANICAL		MS		0.744		2.0		0.744					
HVAC		HV		0.000		1.0		0.000					
HEAT		HT		7.884		1.0		7.884					
SINGLE PHASE MOTOR		MT		3.645		1.25		3.645					
KITCHEN EQUIPMENT		K		24.554		0.66		24.554					
KITCHEN REFRIG EQUIPMENT		X		21.380		0.66		21.380					
TOTAL		TOTAL		63.267		TOTAL		TOTAL		48.288			