

PANELBOARD:		DP		GROUND BUS		SC RATING:		30 KAMPS RMS SYMM.	
SERVICE:		208Y/120V 3PH 4W		MOUNTING:		SURFACE			
MANS:		600 AMP MCB		TYPE: DISTRIBUTION		ENCLOSURE:		NEMA 3R	
LOAD DESCRIPTION	WIRE	BKR	CONNECTIONS	LOAD (KVA)	CT	BKR	WIRE	LOAD DESCRIPTION	
CONNECTION OVEN (B10)	10	25/3	1A	2.0		2A	/1	SPACE ONLY	
	10	/	3B	2.0		4B	/3	SPACE ONLY	
	10	/	5C	0.0		2.0	0.0		
CONVECTION OVEN (B10)	10	25/3	7A	2.0		8A	/	SPACE ONLY	
	10	/	9B	0.0		2.5	0.8		
	10	/	11C	0.0		2.0	0.8		
SPACE ONLY	/	13A		0.0		12C	/	WALK IN COOLER	
	/	15B		0.0		14A	/	WALK IN FREEZER	
	/	17C		0.0		18B	20/3		
PANEL A	4/0	225/3	19A	10.9		18C	/		
	4/0	/	21B	11.3		22B	50/3		RTU-2
	4/0	/	23C	4.0		24C	/		
PANEL B	4/0	225/3	25A	16.1		26A	/		
	4/0	/	27B	9.8		28B	70/3		RTU-1
	4/0	/	29C	6.2		30C	/		
PANEL C	4/0	225/3	31A	18.4		32A	/		
	4/0	/	33B	18.1		34B	50/3		RTU-3
	4/0	/	35C	4.0		36C	/		
SPACE ONLY	/	37A		0.0		38A	/		
	/	39B		4.8		40B	60/2		CHUB WARMER (D81)
	/	41C		0.0		42C	/		
				0.0		59.3	63.9	65.2	

NOTES:
 PROVIDE WITH SERVICE ENTRANCE LABEL.

LIGHTS 12.5 KVA
 RECEIPTS 14.8 KVA
 MOTORS 55.5 KVA
 HEAT 5.2 KVA
 KITCHEN 85.8 KVA
 CMPTR 0.0 KVA
 OTHER 14.8 KVA
 TOTAL 188.6 KVA

PANELBOARD:		A		GROUND BUS		SC RATING:		30 KAMPS RMS SYMM.	
SERVICE:		208Y/120V 3PH 4W		MOUNTING:		SURFACE			
MANS:		225 AMP MCB		TYPE: BRANCH		ENCLOSURE:		NEMA 1	
LOAD DESCRIPTION	WIRE	BKR	CONNECTIONS	LOAD (KVA)	CT	BKR	WIRE	LOAD DESCRIPTION	
EF-1	12	20/1	1A	0.9		2A	20/1	FAN EF-4	
EF-2	12	20/1	3B	0.5		4B	20/1	HOOD CONTROLS	
MARBINATOR (A31)	12	*20/1	5C	0.3		6C	*20/1	RECEPTACLES	
CARBONATOR (K42L)	12	*20/1	7A	0.8		8A	20/1	OFFICE CABINET FAN	
TOASTER (C21)	12	*20/1	9B	1.8		10B	20/1	SPARE	
UC REFRIG. (C18)	12	*20/1	11C	0.6		12C	*20/1	IRRIGATION CONTROLS	
KIT. RECEIPTS	12	*20/1	13A	0.4		14A	20/1	ANSUL SYSTEM	
FREEZER (A54)	12	*20/1	15B	1.4		16B	*20/1	REFRIGERATION (B60)	
FREEZER EVAPORATOR	12	15/2	17C	1.4		18C	20/1	RECEPTACLES-DINING	
	12	/	19A	1.1		20A	20/1	RECEPTACLES-DINING	
COOLER EVAPORATOR	12	15/1	21B	0.2		22B	*20/1	SECURITY CAMERAS	
HOLDING CABINET (D90)	12	*20/1	23C	2.1		24C	*20/1	WATER HEATER CONTROLS	
PACKING STATION (D30)	12	20/2	25A	0.0		26A	20/1	SPARE	
	12	/	27B	0.0		28B	20/1	SPARE	
HOLDING UNIT (C17)	12	*20/1	29C	1.4		30C	*20/1	HEAT TRACE	
BATTER STATION (A47.3)	12	*20/1	31A	0.6		32A	30/2	SITE LIGHTS	
INSTANT WATER HEATER	12	20/1	33B	0.5		34B	/	SPARE	
EF-3	12	20/1	35C	0.9		36C	30/2	SITE LIGHTS	
INSTANT WATER HEATER	12	20/1	37A	0.5		38A	/	SPARE	
MICROWAVE (D20)	12	*20/2	39B	0.9		40B	/2	SPACE ONLY	
	12	/	41C	0.0		42C	/		
				23.2		10.9	11.3	13.0	

NOTES:
 PROVIDE GFCI TYPE CIRCUIT BREAKER.
 PROVIDE WITH ISOLATED GROUND BUS.

LIGHTS 8.8 KVA
 RECEIPTS 3.8 KVA
 MOTORS 3.3 KVA
 HEAT 1.0 KVA
 KITCHEN 17.4 KVA
 CMPTR 0.0 KVA
 OTHER 2.9 KVA
 TOTAL 38.2 KVA

PANELBOARD:		B		GROUND BUS		SC RATING:		30 KAMPS RMS SYMM.	
SERVICE:		208Y/120V 3PH 4W		MOUNTING:		SURFACE			
MANS:		225 AMP MCB		TYPE: BRANCH		ENCLOSURE:		NEMA 1	
LOAD DESCRIPTION	WIRE	BKR	CONNECTIONS	LOAD (KVA)	CT	BKR	WIRE	LOAD DESCRIPTION	
ROOF RECEPTACLES	12	20/1	1A	0.7		2A	20/1	DINING LIGHTS	
MENU BOARD (G11)	12	*20/1	3B	1.2		4B	20/1	KITCHEN/BATH RM LITG	
KITCHEN AND SALES LIG	12	20/1	5C	0.6		6C	*20/1	TELE TERMINAL BOARD	
KITCHEN LIG-NL	12	20/1	7A	0.1		8A	20/1	OFFICE RECS	
DINING LIG	12	20/1	9B	0.4		10B	20/1	MUSIC/SOUND	
TEA BREWER (K71)	12	*20/1	11C	0.7		12C	*20/1	COMPUTER EQUIP.	
SODA DISPENSER (K31)	12	*20/1	13A	0.2		14A	*20/1	DRIVE THRU WINDOW	
FRONT SIGN	12	20/1	15B	0.1		16B	20/1	BACKDOOR LITG	
VIDEO MONITORS	12	*20/1	17C	0.7		18C	20/1	DRIVE THRU BOARDS	
PLYON SIGN	12	20/2	19A	2.3		20A	20/1	PHOTO-VOLT SYS	
	12	/	21B	1.2		22B	*20/1	DRIVE THRU AUDIO	
SPARE	20/1	23C	0.0		24C	*20/1	REC. (P20) & (P30)		
SECURITY SYSTEM	12	20/1	25A	0.5		26A	20/1	SPARE	
POS SYSTEM (FRONT CNTR)	12	*20/1	27B	1.4		28B	20/1	EXIT SOFFIT LITG.	
CASH REGISTER (P20)	12	*20/1	29C	0.8		30C	20/1	HOT BOX HEATER	
SAFE (M30)	12	*20/1	31A	0.8		32A	20/1	EXIT SOFFIT LITG.	
SODA DISPENSER (K32)	12	*20/1	33B	0.3		34B	20/1	SPARE	
SPARE	20/1	35C	0.0		36C	*20/1	DIGITAL PRESSURE (D12)		
DRIVE-THRU CANOPY (H83)	12	*20/1	37A	0.9		38A	20/1	COOLER LITG.	
PROD COUNTER RECS	12	*20/1	39B	0.5		40B	*20/1	GENERAL KITCHEN RECS.	
BUZZER/BUTTON SYSTEM	12	20/1	41C	0.1		42C	20/1	SPARE	
				29.5		10.1	9.8	9.7	

NOTES:
 PROVIDE WITH GFCI TYPE CIRCUIT BREAKER.
 PROVIDE WITH ISOLATED GROUND BUS.

LIGHTS 5.7 KVA
 RECEIPTS 10.9 KVA
 MOTORS 0.0 KVA
 HEAT 0.0 KVA
 KITCHEN 17.4 KVA
 CMPTR 0.0 KVA
 OTHER 1.0 KVA
 TOTAL 35.0 KVA

PANELBOARD:		C		GROUND BUS		SC RATING:		30 KAMPS RMS SYMM.	
SERVICE:		208Y/120V 3PH 4W		MOUNTING:		SURFACE			
MANS:		225 AMP MCB		TYPE: BRANCH		ENCLOSURE:		NEMA 1	
LOAD DESCRIPTION	WIRE	BKR	CONNECTIONS	LOAD (KVA)	CT	BKR	WIRE	LOAD DESCRIPTION	
LOAD CENTER (H10.3P0)	3	100/3	1A	0.0		2A	*25/2	HEAT AND HOLD (F15.1)	
	3	/	3B	0.0		4B	/		
	3	/	5C	0.0		6C	20/1	SPARE	
SOLANOID VALVE	12	20/1	7A	0.3		8A	20/1	SPARE	
FRYER (A10.LU3)	12	*20/1	9B	1.4		10B	20/1	SPARE	
SPARE	20/1	11C	0.0		12C	20/1		GREASE COLL. (A83.1)	
SPARE	20/1	13A	0.0		14A	20/1		SPARE	
SPARE	20/1	15B	0.0		16B	20/1		HEAT TRACE	
SPARE	20/1	17C	0.0		18C	20/1		SPARE	
SPARE	20/1	19A	0.0		20A	20/1		SPARE	
MICROWAVE (D20)	12	*20/2	21B	0.9		22B	30/2	ICE MACHINE (K10)	
	12	/	23C	1.2		24C	/		
HAND DRYER (D83)	12	*20/1	25A	1.5		26A	30/2	ICE MACHINE (K10)	
FRYER (A10.LU3)	12	*20/1	27B	1.4		28B	/		
SPARE	20/1	29C	0.0		30C	*30/2		HOT WATER DISP. (D70)	
FRYER (A10.LU2)	12	*20/1	31A	1.4		32A	/		
SPARE	20/1	33B	0.0		34B	/			
HOT WATER DISP. (D70)	10	*30/2	35C	0.6		36C	*20/1	HOLD UNIT (B85)	
CONTRACTOR SYS.	12	20/1	39B	0.2		40B	20/1	CONVECTION OVEN REC.	
SPARE	20/1	41C	0.0		42C	*20/1		SPARE	
				7.0		18.4	18.1	17.6	

NOTES:
 PROVIDE GFCI TYPE CIRCUIT BREAKER.
 PROVIDE WITH ISOLATED GROUND BUS.
 PROVIDE CIRCUIT BREAKER LOCK-OUT DEVICE.

LIGHTS 0.0 KVA
 RECEIPTS 0.0 KVA
 MOTORS 0.0 KVA
 HEAT 4.2 KVA
 KITCHEN 48.8 KVA
 CMPTR 0.0 KVA
 OTHER 0.8 KVA
 TOTAL 54.1 KVA

LOAD DESCRIPTION	WIRE	BKR	CONNECTIONS	LOAD (KVA)	CT	BKR	WIRE	LOAD DESCRIPTION	
CONNECTION OVEN (B10)	10	25/3	1A	2.0		2A	/1	SPACE ONLY	
CONVECTION OVEN (B10)	10	/	3B	2.0		4B	/3	SPACE ONLY	
SPACE ONLY	/	5C		0.0		2.0	0.0		
CONVECTION OVEN (B10)	10	25/3	7A	2.0		8A	/	SPACE ONLY	
SPACE ONLY	/	9B		0.0		2.5	0.8		
SPACE ONLY	/	11C		0.0		2.0	0.8		
SPACE ONLY	/	13A		0.0		12C	/	WALK IN COOLER	
SPACE ONLY	/	15B		0.0		14A	/	WALK IN FREEZER	
SPACE ONLY	/	17C		0.0		18B	20/3		
PANEL A	4/0	225/3	19A	10.9		18C	/		
	4/0	/	21B	11.3		22B	50/3		RTU-2
	4/0	/	23C	4.0		24C	/		
PANEL B	4/0	225/3	25A	16.1		26A	/		
	4/0	/	27B	9.8		28B	70/3		RTU-1
	4/0	/	29C	6.2		30C	/		
PANEL C	4/0	225/3	31A	18.4		32A	/		
	4/0	/	33B	18.1		34B	50/3		RTU-3
	4/0	/	35C	4.0		36C	/		
SPACE ONLY	/	37A		0.0		38A	/		
SPACE ONLY	/	39B		4.8		40B	60/2		CHUB WARMER (D81)
SPACE ONLY	/	41C		0.0		42C	/		
				0.0		59.3	63.9	65.2	

LOAD DESCRIPTION	WIRE	BKR	CONNECTIONS	LOAD (KVA)	CT	BKR	WIRE	LOAD DESCRIPTION	
EF-1	12	20/1	1A	0.9		2A	20/1	FAN EF-4	
EF-2	12	20/1	3B	0.5		4B	20/1	HOOD CONTROLS	
MARBINATOR (A31)	12	*20/1	5C	0.3		6C	*20/1	RECEPTACLES	
CARBONATOR (K42L)	12	*20/1	7A	0.8		8A	20/1	OFFICE CABINET FAN	
TOASTER (C21)	12	*20/1	9B	1.8		10B	20/1	SPARE	
UC REFRIG. (C18)	12	*20/1	11C	0.6		12C	*20/1	IRRIGATION CONTROLS	
KIT. RECEIPTS	12	*20/1	13A	0.4		14A	20/1	ANSUL SYSTEM	
FREEZER (A54)	12	*20/1	15B						