



PANEL "B"

CIRCUIT SCHEDULE
120/208 VOLTS - 3 PHASE - 4 WIRE - SOLID NEUTRAL
FLUSH MOUNTED - EQUIPMENT GROUND BAR & ISOLATED EQUIPMENT GROUND BAR
LIGHTING BRANCH CIRCUIT BREAKERS SHALL BE LISTED FOR SWITCHING DUTY

SQUARE D "NQOD"
225 AMP MAIN LUGS ONLY
10,000 A.I.C.
SERIES/INTEGRATED RATING

LOAD DESCRIPTION	WIRE SIZE			CKT NO	CONN. LOAD (VA)			CKT NO	CKT BKR	WIRE SIZE			LOAD DESCRIPTION					
	PH	N	GND		PH A	PH B	PH C			PH	N	GND						
RTU RECS & DUCT DETS	12	12	12	1P-20	1	360	1320					2	1P-20	12	12	12	DINING LIGHTS	
DIGITAL MENUBOARD (Q11)	12	12	12	1P-20	3					1000	700	4	1P-20	12	12	12	DINNING PENDANT LIGHTS	
KITCHEN & SALES LTG	12	12	12	1P-20	5							6	1P-20	12	12	12	RECEPTS-TEL EQ BD	
KITCHEN & R.R'S. LTG	12	12	12	1P-20	7	1380	360					8	1P-20	12	12	12	RECEPTS - OFFICE	
DINING - PAD FANS	12	12	12	1P-20	9					600	500	10	1P-20	12	12	12	MUSIC SOUND/G.P.	
TEA BREWER (K74)	12	12	12	1P-20	11							12	1P-20	12	12	12	COMPUTER/PRINTER	
SODA DISP'S (K31)	12	12	12	1P-20	13	600	1800					14	1P-20	12	12	12	D/T WINDOW	
FRONT SIGN	12	12	12	1P-20	15					390	360	16	1P-20	12	12	12	DRV THRU DIR. SIGNS	
VIDEO MONITORS	12	12	12	1P-20	17						720	500	18	1P-20	12	12	12	DRIVE THRU MENU BD
PYLON SIGN	10	10	10	1P-20	19	1200	100					20	1P-20	12	12	12	LIGHTING CONTROLS	
FLY FAN	12	12	12	1P-20	21					1200	1200	22	1P-20	12	12	12	DRIVE THRU AUDID	
SECURITY SYS	12	12	12	1P-20	25	360						24	1P-20	12	12	12	POS SYS./PRINTER	
POS SYSTEM	12	12	12	1P-20	27					540	790	26	1P-20	-	-	-	SPARE	
RECS-G.P.(FRONT CNTR)	12	12	12	1P-20	29						720	790	30	1P-20	12	12	12	EXT SOFFIT LIGHTS
SAFE (M30)	12	12	12	1P-20	31	600	1180					32	1P-20	12	12	12	EXT SOFFIT LIGHTS	
SPARE	-	-	-	1P-20	33							34	1P-20	12	12	12	SPARE DIGITAL MIB SYS	
SPARE	-	-	-	1P-20	35							36	1P-20	12	12	12	SPARE DIGITAL MIB SYS	
SODA DISP'S (K32F)	12	12	12	1P-20	37	1000	780					38	1P-20	12	12	12	WALL ART LIGHTS	
SPACE	-	-	-	1P-20	39							40	-	-	-	-	SPACE	
SPACE	-	-	-	1P-20	41							42	1P-20	12	12	12	POS SYSTEM/PRINTER	
TOTALS						11,040	7,280	9,690										TOTAL KVA 26.5 TOTAL AMPS 73.6

NOTES:
(1) PROVIDE SEPARATE EQUIPMENT GROUNDING CONDUCTOR IN ALL CONDUITS
(2) PROVIDE SCREW-ON BREAKER LOCK DEVICE.
(3) POS SYSTEM, COMPUTER, PRINTERS, MONITORS, CREDIT CARDS AND MODEM TO BE ON ISOLATED GROUND

LIGHTING/SIGNS 12990.0 VA @ 1.25 D.F. = 16.1 KVA
RECEPT & MISC. 8540.0 VA @ 1.00 D.F. = 8.5 KVA
KITCHEN EQUIP. 2520.0 VA @ 0.65 D.F. = 1.6 KVA
HVAC 2020.0 VA @ 1.00 D.F. = 2.0 KVA
TOTAL DEMAND LOAD 28.2 KVA = 78.3 AMPS

PANEL "C"

CIRCUIT SCHEDULE
120/208 VOLTS - 3 PHASE - 4 WIRE - SOLID NEUTRAL
FLUSH MOUNTED - EQUIPMENT GROUND BAR
LIGHTING BRANCH CIRCUIT BREAKERS SHALL BE LISTED FOR SWITCHING DUTY

SQUARE D "NQOD"
225 AMP MAIN LUGS ONLY
10,000 A.I.C.
SERIES/INTEGRATED RATING

LOAD DESCRIPTION	WIRE SIZE			CKT NO	CKT BKR	CONN. LOAD (VA)			CKT NO	CKT BKR	WIRE SIZE			LOAD DESCRIPTION				
	PH	N	GND			PH A	PH B	PH C			PH	N	GND					
DUAL LINE LOAD CENTER	1/0	1/0	6	1	19935							2				SPACE		
DUAL LINE LOAD CENTER				3P-125	3					19935		4				SPACE		
DUAL LINE LOAD CENTER					5						19935	6				SPACE		
SPACE					7							8				SPACE		
SPACE					9							10				SPACE		
SPACE					11						1200	12	1P-20	12	12	12	GREASE COL SYS (A92)	
HOLDING UNIT (F15.1)	10	10	10	2P-30	13	1950	540					14	1P-20	12	12	12	BISCUIT HOLD (B65)	
SPACE					15					1950	1200	16	1P-20	12	12	12	HEAT TRACE BOSS (A92)	
SPACE					17							18				SPACE		
SPACE					19							20				SPACE		
MICROWAVE (D20)	10	10	10	2P-30	21					2000	1238	22	2P-20	12	12	12	ICE CUBER WIREM. (K10)	
HAND DRYER	12	12	12	1P-20	23	1920	1238				2000	23	2P-20	12	12	12	ICE CUBER WIREM. (K10)	
TOASTER	12	12	12	1P-20	27					1238		28	2P-20	12	12	12	ICE CUBER WIREM. (K10)	
SPACE					29							30	2P-30	10	10	10	HOT WTR DISP (D70)	
SHUNT TRIP SPACE					31					2000		32				SPACE		
FRYER/TIMERS (A10 U3)	10	10	10	1P-25	33					2040		34				SPACE		
HOT WTR DISP (D70)	10	10	10	2P-30	35						2000	36				SPACE		
SPACE					35							38				SPACE		
SPACE					39							40				SPACE		
SPACE					41						1920	42	1P-20	12	12	12	HAND DRYER	
TOTALS						25032	21957	24889										TOTAL KVA 81.2 TOTAL AMPS 198.4

NOTES:
(1) PROVIDE SEPARATE GROUND CONDUCTOR IN ALL CONDUITS
(2) PROVIDE BREAKER WITH SHUNT TRIP INTERLOCKED WIRED TO HOOD FIRE PROTECTION SYSTEM.
(3) PROVIDE BREAKER WITH GROUND-FAULT CIRCUIT INTERRUPTER.

LIGHTING/SIGNS 0.0 VA @ 1.25 D.F. = 0.0 KVA
RECEPT & MISC. 0.0 VA @ 1.00 D.F. = 0.0 KVA
KITCHEN EQUIP. 81218.0 VA @ 0.65 D.F. = 52.8 KVA
HVAC 0.0 VA @ 1.00 D.F. = 0.0 KVA
TOTAL DEMAND LOAD 52.8 KVA = 146.6 AMPS

PANEL "A"

CIRCUIT SCHEDULE
120/208 VOLTS - 3 PHASE - 4 WIRE - SOLID NEUTRAL
FLUSH MOUNTED - EQUIPMENT GROUND BAR & ISOLATED EQUIPMENT GROUND BAR
LIGHTING BRANCH CIRCUIT BREAKERS SHALL BE LISTED FOR SWITCHING DUTY

SQUARE D "NQOD"
225 AMP MAIN LUGS ONLY
10,000 A.I.C.
SERIES/INTEGRATED RATING

LOAD DESCRIPTION	WIRE SIZE			CKT NO	CKT BKR	CONN. LOAD (VA)			CKT NO	CKT BKR	WIRE SIZE			LOAD DESCRIPTION				
	PH	N	GND			PH A	PH B	PH C			PH	N	GND					
FRYER HOOD (EF-1)	12	12	12	1P-20	1	1320	600					2	1P-15	12	12	12	EF-3	
FRYER HOOD (EF-2)	12	12	12	1P-20	3					1320	300	4	1P-20	12	12	12	HOOD CONTROLS	
MARINATOR (A31)	12	12	12	1P-20	5						600	1150	6	1P-20	12	12	12	RECEPTS
CARBONATORS (K42)	12	12	12	1P-20	7	1728	100					8	1P-20	12	12	12	OFFICE CAB. FAN	
TOASTER (C20)	12	12	12	1P-20	9					1500	100	10	1P-20	12	12	12	SERVICE DOORBELL	
SANDWICH (A53.27)	12	12	12	1P-20	11						780	600	12	1P-20	12	12	IRRIG CONTROLS	
PROD. HLDG (C30)	12	12	12	1P-20	13	540	500					14	1P-20	12	12	12	ANSUL SYSTEM	
FREEZER (A54)	12	12	12	1P-20	15					1440	684	16	1P-20	12	12	12	REFRIGERATOR (B60)	
FREEZER EVAP (E10)	12	12	12	1P-20	17						1800	540	18	1P-20	12	12	12	RECEPTS-DINING RM
REFRIG. BATTER (A47.4)	12	12	12	1P-20	19	378	900					20	1P-20	12	12	12	RECEPTS-DINING RM	
SPARE	-	-	-	1P-20	21						600	22	1P-20	12	12	12	SECURITY CAMERA'S	
HOLD CABT. (D90)	10	10	10	2P-25	23					2110	100	24	1P-20	12	12	12	WATER HEATER	
PRODUCT ASSEM. (D30)	12	12	12	2P-20	25	624	300					26	1P-20	12	12	12	CLF/FRZ LIGHTS	
SF-1	10	10	10	1P-30	27					624	504	28	1P-15	12	12	12	COOLER EVAP. (E10)	
SF-1	10	10	10	1P-30	29						1000	30	1P-20	12	12	12	HEAT TRACE FRZ (E10)	
COOLER EVAP (E10)	12	12	12	1P-20	31							32	2P-30	8	8	10	SITE LIGHTS	
EF-5	12	12	12	1P-20	33					1180		34				---		
EF-6	12	12	12	1P-20	35						1180	36	2P-30	8	8	10	SITE LIGHTS	
SPARE	-	-	-	1P-20	37							38				---		
MICROWAVE (D20)	10	10	10	2P-30	39					2000	1180	40	2P-30	8	8	10	SITE LIGHTS	
SPACE	-	-	-	1P-20	41							42				---		
TOTALS						9,348	11,332	12,608										TOTAL KVA 32.8 TOTAL AMPS 91.1

NOTES:
(1) PROVIDE SEPARATE GROUND CONDUCTOR IN ALL CONDUITS
(2) PROVIDE SCREW-ON BREAKER LOCK DEVICE.

LIGHTING/SIGNS 7390.0 VA @ 1.25 D.F. = 9.2 KVA
RECEPT & MISC. 3895.0 VA @ 1.00 D.F. = 3.9 KVA
KITCHEN EQUIP. 2050.0 VA @ 0.65 D.F. = 1.3 KVA
HVAC 700.0 VA @ 1.00 D.F. = 0.7 KVA
TOTAL DEMAND LOAD 127.1 KVA = 78.3 AMPS

PANEL "DP"

CIRCUIT SCHEDULE
120/208 VOLTS - 3 PHASE - 4 WIRE - SOLID NEUTRAL
FLUSH MOUNTED - EQUIPMENT GROUND BAR

SQUARE D "LINE" HCN
600 AMP MAIN CIRCUIT BREAKER
MINIMUM 42,000 A.I.C.
SERIES/INTEGRATED RATING

LOAD DESCRIPTION	WIRE SIZE			CKT NO	CKT BKR	CONN. LOAD (VA)			CKT NO	CKT BKR	WIRE SIZE			LOAD DESCRIPTION			
	PH	N	GND			PH A	PH B	PH C			PH	N	GND				
CONV. OVEN (B10)	10	10	10	3P-30	1	2880						2				SPACE	
CONV. OVEN (B10)	10	10	10	3P-30	3					2880	4750	4	2P-60	6	10	10	CHUB WARMER (D81)
CONV. OVEN (B10)	10	10	10	3P-30	5						2880	6				---	
CONV. OVEN (B10)																	