PANEL DP

MAIN TYPE: **MAIN BREAKER** — AMPERE RATING: **800** — LUG OPTIONS: — REMARKS: **NEW PANEL**
VOLTAGE (L-L): **208** — VOLTAGE (L-N): **120** — BUS RTG (AMPS): **800**
PHASE: **3** — WIRE: **4** — MIN. KAIC: **30** — MOUNTING: **FLUSH**

CCT BRKR NO.	AMPS	P	LOAD DESCRIPTION	COM.	WIRE SIZE	LOAD KVA	PHASE A	PHASE B	PHASE C	LOAD KVA	WIRE SIZE	COM.	LOAD DESCRIPTION	P	AMPS	CCT BRKR NO
						2.0	2.0						SPARE	1	20	2
3	25	3	CONVECTION OVEN (B10)		10	2.0		8.7		6.7						
						2.0			8.7	6.7	4		RTU-4	3	70	6
						2.0	8.7			6.7			(NEW UNIT)			
9	25	3	CONVECTION OVEN (B10)		10	2.0		2.6		0.6						
						2.0			2.6	0.6	12		WALK IN COOLER	3	20	12
13	30	2	INSTANT WATER HEATER		10	2.1	2.7			0.6						
						2.1		2.8		0.7						
17	20	1	SPARE						0.7	0.7	10		WALK IN FREEZER	3	30	18
						12.5	13.2			0.7						
21	225	3	PANEL A	A	4/0	13.9		18.7		4.8						
						12.5			17.3	4.8	6		RTU-2	3	50	24
						9.5	14.3			4.8			(EXISTING UNIT)			
27	225	3	PANEL B	A	4/0	8.5		15.2		6.7						
						8.6			15.3	6.7	6		RTU-1	3	50	30
						32.4	39.1			6.7			(EXISTING UNIT)			
33	225	3	PANEL C	A	4/0	28.8		33.6		4.8						
						27.0			31.8	4.8	4		RTU-3	3	60	36
						0.2	5.0			4.8			(EXISTING UNIT)			
39	20	3	COOLER EVAPORATOR		12	0.2		5.0		4.8	4		CHUB WARMER (D81)	2	60	40
						0.2			5.0	4.8						
							85.0	86.6	81.4							

	NEC ARTICLE 220 LOAD CATEGORY:	CONN KVA	DEMD FACT	DEMD KVA	DEMD KVA	DEMD FACT	CONN KVA	NEC ARTICLE 220 LOAD CATEGORY:	
	TOTAL INTERIOR LIGHTS	3.4	1.25	4.3					
I	ENERGY CODE REQ'D.				2.4	1.00	2.4	MISC. HVAC	S
N	NON-ENER. CODE REQ'D.				0.0	1.00	0.0	MOTORS	M
E	EXTERIOR LIGHTS	12.1	1.25	15.1	0.0	0.25	0.0	LARGEST MOTOR	LM
R	RECEPTACLES (FIRST 10)	10.0	1.00	10.0	16.2	1.00	16.2	WATER HEATERS	W
	(REMAINDER)	10.4	0.50	5.2	0.0	1.00	0.0	ELEVATORS	L
P	HVAC PACKAGED UNITS	69.1	1.00	69.1	119.1	1.00	119.1	KITCHEN EQUIPMENT	K
H	HEAT PUMPS	0.0	1.00	0.0			6	NO. OF UNITS OF EQUIP.	
A	AIR HANDLING UNITS	0.0	1.00	0.0	0.0	1.25	0.0	COMPUTER LOADS	O
X	CHILLER / COOLING TOWER	0.0	1.00	0.0	0.0	1.00	0.0	SHOP EQUIPMENT	Q
T	ELECTRIC HEAT	0.0	1.00	0.0	9.1	1.00	9.1	MISC. LOADS	C
V	VAV BOXES / FAN BOXES	0.0	1.00	0.0	0.0	1.00	0.0	SYSTEM FURNITURE	Z

NOTES: A PROVIDE BREAKER WITH LOCK-ON DEVICE.

CONNECTED KVA: 253.0
CONNECTED AMPS: 703
DEMAND AMPS: 579.8

PANEL A

MAIN TYPE: **MAIN BREAKER** — AMPERE RATING: **225** — LUG OPTIONS: — REMARKS:
VOLTAGE (L-L): **208** — VOLTAGE (L-N): **120** — BUS RTG (AMPS): **225**
PHASE: **3** — WIRE: **4** — MIN. KAIC: **30** — MOUNTING: **FLUSH**

CCT BRKR NO.	AMPS	P	LOAD DESCRIPTION	COM.	WIRE SIZE	LOAD KVA	PHASE A	PHASE B	PHASE C	LOAD KVA	WIRE SIZE	COM.	LOAD DESCRIPTION	P	AMPS	CCT BRKR NO
1	20	1	FAN HEF-1		12	1.7	2.1			0.4	12		FAN EF-1	1	20	2
3	20	1	FAN HEF-2		12	0.75		1.1		0.3	12		HOOD CONTROLS	1	20	4
5	20	1	MONITOR (A31)		12	0.6			1.9	1.3	12		RECEPTACLES	1	20	6
7	20	1	CARBONATORS (K42)		12	0.9	1.0			0.1	12		OFFICE CABINET FAN	1	20	8
9	20	1	TOASTER (C21)		12	1.8		1.9		0.1	12		SERVICE DOORBELL	1	20	10
11	20	1	REFRIGERATOR (C18)		12	0.6			1.2	0.6	12		IRRIGATION CONTROLS	1	20	12
13	20	1	SPARE				0.6			0.6	12	A	ANSUL SYSTEM	1	20	14
15	20	1	FREEZER (A54)		12	1.1		2.5		1.4	12		REFRIGERATOR (B80)	1	20	16
						0.2			1.3	1.1	12		RECEPTACLES - DINING	1	20	18
19	20	3	FREEZER EVAPORATOR		12	0.2	1.3			1.1	12		RECEPTACLES - DINING	1	20	20
						0.2		0.9		0.7	12	A	SECURITY CAMERAS	1	20	22
23	25	1	HOLDING CABINET (D90)		10	2.1			2.3	0.2	12		WATER HEATER CONTROLS	1	20	24
25	20	2	PACKING STATION (D29)		12	0.6	2.0			1.4	12		SANDWICH HOLDING UNIT (C17)	1	20	26
						0.6		1.1		0.5	12		RECEPTACLES	1	20	28
29	20	1	SPARE						1.9	1.0	12		HEAT TRACE	1	20	30
31	30	2	INSTANT WATER HEATER		10	2.1	3.8			1.7	10		SITE LIGHTS	2	30	32
						2.1		3.8		1.7						
35	20	1	FAN HEF-3		12	0.5			2.2	1.7	10		SITE LIGHTS	2	30	36
37	20	1	SPARE				1.7			1.7						
39	20	2	MICROWAVE (D20)		12	0.9		2.6		1.7	10		SITE LIGHTS	2	30	40
						0.9			2.6	1.7						
							12.5	13.9	12.5							

	NEC ARTICLE 220 LOAD CATEGORY:	CONN KVA	DEMD FACT	DEMD KVA	DEMD KVA	DEMD FACT	CONN KVA	NEC ARTICLE 220 LOAD CATEGORY:	
	TOTAL INTERIOR LIGHTS	0.0	1.25	0.0					
I	ENERGY CODE REQ'D.				2.4	1.00	2.4	MISC. HVAC	S
N	NON-ENER. CODE REQ'D.				0.0	1.00	0.0	MOTORS	M
E	EXTERIOR LIGHTS	10.2	1.25	12.8	0.0	0.25	0.0	LARGEST MOTOR	LM
R	RECEPTACLES (FIRST 10)	6.1	1.00	6.1	4.4	1.00	4.4	WATER HEATERS	W
	(REMAINDER)	0.0	0.50	0.0	0.0	1.00	0.0	ELEVATORS	L
P	HVAC PACKAGED UNITS	0.0	1.00	0.0	12.9	1.00	12.9	KITCHEN EQUIPMENT	K
H	HEAT PUMPS	0.0	1.00	0.0			11	NO. OF UNITS OF EQUIP.	
A	AIR HANDLING UNITS	0.0	1.00	0.0	0.0	1.25	0.0	COMPUTER LOADS	O
X	CHILLER / COOLING TOWER	0.0	1.00	0.0	0.0	1.00	0.0	SHOP EQUIPMENT	Q
T	ELECTRIC HEAT	0.0	1.00	0.0	1.6	1.00	1.6	MISC. LOADS	C
V	VAV BOXES / FAN BOXES	0.0	1.00	0.0	0.0	1.00	0.0	SYSTEM FURNITURE	Z

NOTES: A PROVIDE BREAKER WITH LOCK-ON DEVICE.

CONNECTED KVA: 35.8
CONNECTED AMPS: 108
DEMAND AMPS: 96.9

PANEL C

MAIN TYPE: **MAIN BREAKER** — AMPERE RATING: **225** — LUG OPTIONS: — REMARKS: **EXISTING PANEL TO REMAIN**
VOLTAGE (L-L): **208** — VOLTAGE (L-N): **120** — BUS RTG (AMPS): **225**
PHASE: **3** — WIRE: **4** — MIN. KAIC: **30** — MOUNTING: **FLUSH**

CCT BRKR NO.	AMPS	P	LOAD DESCRIPTION	COM.	WIRE SIZE	LOAD KVA	PHASE A	PHASE B	PHASE C	LOAD KVA	WIRE SIZE	COM.	LOAD DESCRIPTION	P	AMPS	CCT BRKR NO
1	125	2	(H10.3PD) LOAD CENTER		1	8.9	10.0			1.1						
						8.9		10.0		1.1	12		SIDE ITEM HOLD UNIT (D92)	3	20	4
5	20	1	FRYER (A10.U3)		12	1.4			2.5	1.1						
7	20	1	FRYER (A10.U3)		12	1.4	2.5			1.1						
9	25	2	HOLDING UNIT (F15.1)		10	2.0		3.1		1.1	12		SIDE ITEM HOLD UNIT (D92)	3	20	10
						2.0			3.1	1.1						
13	20	1	ICE/BATTER/SIFTER (A47.3		12	0.3	1.7			1.4	12		BISCUIT HOLDING (B65)	1	20	14
15	20	1	FRYER (A24U.2)		12	1.4		2.6		1.2	12		HEAT TRACE	1	20	16
17	20	1	EXIST. WATER HEATER		12	1.5			3.4	1.9	12		GREASE COLLECTION SYS.	1	20	18
19	20	1	EXIST. WATER HEATER		12	1.5	1.5						SPARE	1	20	20
21	20	2	MICROWAVE (D20)		12	0.9		2.1		1.2	12		ICE MACHINE (K10)	2	20	22
						0.9			2.1	1.2						
25	20	1	HAND DRYER (D83)		12	1.5	2.7			1.2	12		ICE MACHINE (K11)	2	30	26
27	20	1	SPARE					1.2		1.2						
						2.8			5.1	2.3	10		HOT WATER DISP (D70)	2	30	30
31	30	3	DEDICATED HOLD UNIT (D94)		10	2.8	5.1			2.3						32
						2.8		9.4		6.6						
35	30	2	HOT WATER DISP. (D70)		10	2.3			8.9	6.6	4		CHICKEN HOLD UNIT (D83.1)	3	70	36
						2.3	8.9			6.6						
39	20	2	HEAT LAMPS		12	0.4		0.4					SPACE ONLY			40
						0.4			1.9	1.5	12		HAND DRYER (D83)	1	20	42
							32.4	28.8	27.0							

	NEC ARTICLE 220 LOAD CATEGORY:	CONN KVA	DEMD FACT	DEMD KVA	DEMD KVA	DEMD FACT	CONN KVA	NEC ARTICLE 220 LOAD CATEGORY:	
	TOTAL INTERIOR LIGHTS	0.0	1.25	0.0					
I	ENERGY CODE REQ'D.				0.0	1.00	0.0	MISC. HVAC	S
N	NON-ENER. CODE REQ'D.				0.0	1.00	0.0	MOTORS	M
E	EXTERIOR LIGHTS	0.0	1.25	0.0	0.0	0.25	0.0	LARGEST MOTOR	LM
R	RECEPTACLES (FIRST 10)	0.0	1.00	0.0	7.9	1.00	7.9	WATER HEATERS	W
	(REMAINDER)	0.0	0.50	0.0	0.0	1.00	0.0	ELEVATORS	L
P	HVAC PACKAGED UNITS	0.0	1.00	0.0	76.4	1.00	76.4	KITCHEN EQUIPMENT	K
H	HEAT PUMPS	0.0	1.00	0.0			12	NO. OF UNITS OF EQUIP.	
A	AIR HANDLING UNITS	0.0	1.00	0.0	0.0	1.25	0.0	COMPUTER LOADS	O
X	CHILLER / COOLING TOWER	0.0	1.00	0.0	0.0	1.00	0.0	SHOP EQUIPMENT	Q
T	ELECTRIC HEAT	0.0	1.00	0.0	4.2	1.00	4.2	MISC. LOADS	C
V	VAV BOXES / FAN BOXES	0.0	1.00	0.0	0.0	1.00	0.0	SYSTEM FURNITURE	Z

NOTES: A PROVIDE HACR BREAKER.

CONNECTED KVA: 88.2
CONNECTED AMPS: 245
DEMAND AMPS: [illegible]

PANEL B

MAIN TYPE: **MAIN BREAKER** — AMPERE RATING: **225** — LUG OPTIONS: — REMARKS:
VOLTAGE (L-L): **208** — VOLTAGE (L-N): **120** — BUS RTG (AMPS): **225**
PHASE: **3** — WIRE: [illegible] — MIN. KAIC: [illegible] — MOUNTING: **FLUSH**

CCT BRKR NO.	AMPS	P	LOAD DESCRIPTION	COM.	WIRE SIZE	LOAD KVA	PHASE A	PHASE B	PHASE C	LOAD KVA	WIRE SIZE	COM.	LOAD DESCRIPTION	P	AMPS	CCT BRKR NO
1	20	1	ROOF RECEPTACLES		12	0.8	0.6						SPARE	[illegible]	20	2
3	20	1	MENU BOARD (Q11)		12	1.3		1.8		0.5	12		KITCHEN AND BATH LIGHTS	1	[illegible]	4
5	20	1	KITCHEN AND SALES LIGHTS		12	1.0			1.7	0.7	12		[illegible] TERMINAL BOARD	1	[illegible]	6
7	20	1	KITCHEN LIGHTS - NL		12	0.4	0.8			0.4	12		RECEPTACLES OFFICE	1	20	8
9	20	1	DINING LIGHTS		12	1.1		1.8		0.7	12		M[illegible]	1	20	10
11	20	1	TEA BREWER (K71)		12	1.7			2.1	0.4	12		COMPUTER EQUIPMENT	1	20	12
13	20	1	SODA DISPENSER (K31)		12	1.5	3.3			1.8	12		DRIVE THRU WINDOW	1	20	14
15	20	1	FRONT SIGN		12	0.1		0.1					SPARE	1	20	16
17	20	1	VIDEO MONITORS		12	0.7			3.0	[illegible]	10		DRIVE THRU BOARD	1	25	18
19	20	2	PYLON SIGN		12	1.2	1.2						SPARE	1	20	20
						1.2		2.4		[illegible]	12		DRIVE THRU AUDIO	1	20	22
23	20	1	SPARE						[illegible]	0.5	[illegible]		STOREFRONT RECEPTACLES	1	20	24
25	20	1	SECURITY SYSTEM	A	12	0.5	1.0			0.5	12		STOREFRONT RECEPTACLES	1	30	26
27	20	1	POS SYTEM (FRONT CNTR)		12	1.1		1.9		0.8	12		EXT. SOFFIT LIGHTS	1	20	28
29	20	1	DRIVE-THRU P.O.S.		12	0.2			0.2				SPARE	1	20	30
31	20	1	SAFE (.30)	A	12	0.2	1.3			1.1	12		EXT. SOFFIT LIGHTS	1	30	32
33	20	1	SODA DISPENSER (K32)		12	0.5		0.5					SPARE	1	20	34
35	20	1	ORDER KIOSKS		12	[illegible]			1.1	0.7	12		DIGITAL PRE-SELL M/B	1	20	36
37	20	1	DRIVE-THRU CANOPY (Q21)		12	[illegible]	1.3			0.4	12		KITCHEN AND GENERAL LT	1	30	38
39	30	1	SAPRE		12			0.0					SPARE	1	20	40
41	20	1	SPARE						0.0				SPARE	1	20	42
							9.[illegible]	8.5	8.6							

	NEC ARTICLE 220 LOAD CATEGORY:	CONN KVA	DEMD FACT	DEMD KVA	DEMD KVA	DEMD FACT	CONN KVA	NEC ARTICLE 220 LOAD CATEGORY:	
	TOTAL INTERIOR LIGHTS	3.4	1.25	4.3					
I	ENERGY CODE REQ'D.				0.0	1.00	0.0	MISC. HVAC	S
N	NON-ENER. CODE REQ'D.				0.0	1.00	0.0	MOTORS	M
E	EXTERIOR LIGHTS	1.9	1.25	2.4	0.0	0.25	0.0	LARGEST MOTOR	LM
R	RECEPTACLES (FIRST 10)	10.0	1.00	10.0	0.0	1.00	0.0	WATER HEATERS	W
	(REMAINDER)	4.5	0.50	2.2	0.0	1.00	0.0	ELEVATORS	L
P	HVAC PACKAGED UNITS	0.0	1.00	0.0	3.7	1.00	3.7	KITCHEN EQUIPMENT	K
H	HEAT PUMPS	0.0	1.00	0.0			3	NO. OF UNITS OF EQUIP.	
A	AIR HANDLING UNITS	0.0	1.00	0.0	0.0	1.25	0.0	COMPUTER LOADS	O
X	CHILLER / COOLING TOWER	0.0	1.00	0.0	0.0	1.00	0.0	SHOP EQUIPMENT	Q
T	ELECTRIC HEAT	0.0	1.00	0.0	3.3	1.00	3.3	MISC. LOADS	C
V	VAV BOXES / FAN BOXES	0.0	1.00	0.0	0.0	1.00	0.0	SYSTEM FURNITURE	Z

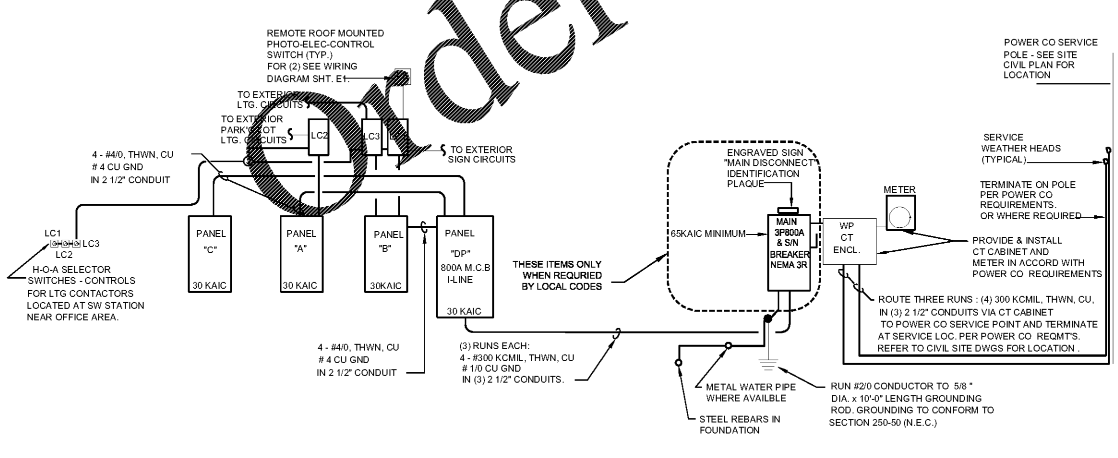
NOTES: A PROVIDE BREAKER WITH LOCK-ON DEVICE.

CONNECTED KVA: 26.6
CONNECTED AMPS: 73.9
DEMAND AMPS: 70.6

KITCHEN EQUIPMENT CONNECTION SCHEDULE

CONNECTION DESIGNATION	LOAD DESCRIPTION	VOLTS/PH	HP	LOAD	MCA	MOCP	TYPE	NEMA RECEPT. TYPE	CIRCUIT ID	CONNECTION NOTES	CONNECTION DESIGNATION
A10-U3	FRYER BATTERY (GAS) (X2)	120/1	-	1.4 KVA	12		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	A10-U3
A24U.2	FRYER BATTERY (GAS)	120/1	-	1.4 KVA	13		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	A24U.2
A31	MARINATOR	120/1	-	0.8 KVA	5		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	A31
A47.3	ICE BATTER/SIFTER (X2)	120/1	-	0.3 KVA	2.3		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	A47.3
A54	FREEZER	120/1	-	1.4 KVA	12		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	A54
A91	GREASE COLLECTION SYS	120/1	-	1.9 KVA	16		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	A91
B10	OVEN	208/3	-	5.6 KVA	24		CORD & PLUG	-	SEE PLANS	1,2,3	B10
B80	REFRIGERATOR	120/1	-	1.4 KVA	13		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	B80
B65	BISCUIT HOLDING UNIT	120/1	-	1.4 KVA	12		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	[illegible]
C17	SANDWICH HOLDING UNIT	120/1	-	1.4 KVA	12		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	C17
C18	REFRIGERATOR	120/1	-	0.6 KVA	4.9		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	C18
C21	TOASTER	120/1	-	1.8 KVA	15		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	C21
D20	MICROWAVE (X2)	208/1	-	3.0 KVA	14.3		CORD & PLUG	NEMA 6-20	SEE PLANS	1,2,3	D20
D29	PACKING STATION	208/1	-	1.2 KVA	6		DIRECT CONNECTION	-	SEE PLANS	1,2,3	D29
D70	DISPENSER (X2)	208/1	-	4.1 KVA	19.8		CORD & PLUG	[illegible]	SEE PLANS	[illegible]	D70
D81	CHUBB WARMER	208/1	-	9.9 KVA	47.6		DIRECT CONNECTION	-	SEE PLANS	1,2,3	D81
D90	HOLDING CABINET	120/1	-	2.1 KVA	17[illegible]		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	D90
D92	SIDE ITEM HOLDING UNIT	208/3	-	5.0 KVA	13.87		CORD & PLUG	-	SEE PLANS	1,2,3	D92
D93.1	CHICKEN HOLDING UNIT	208/3	-	19.7 KVA	54.75		CORD & PLUG	-	SEE PLANS	1,2,3	D93.1
D94	DEDICATED HOLD UNIT	208/3	-	[illegible] KVA	23.7		CORD & PLUG	-	SEE PLANS	1,2,3	D94
E10.1	WALK-IN COOLER	208/3	-				DIRECT CONNECTION	-	SEE PLANS	1,2,3	E10.1
E10.2	WALK-IN FREEZER	208/3					DIRECT CONNECTION	-	SEE PLANS	1,2,3	E10.2
F15.1	HEATED HOLDING UNIT	208/1	-	3.9 KVA	18.8		DIRECT CONNECTION	-	SEE PLANS	1,2,3	F15.1
H10.3PD	PRODUCTION CENTER	208/[illegible]	-	2.9 KVA	14		DIRECT CONNECTION	-	SEE PLANS	1,2,3	H10.3PD
H83	WINDOW-WIDE [illegible]	120/[illegible]	-	1.8 KVA	15		DIRECT CONNECTION	-	SEE PLANS	1,2,3	H83
J40	REFRIGERATOR	120/1	-	0.6 KVA	4.9		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	J40
K10	ICE CUBER	208/1	-	2.5 KVA	11.9		DIRECT CONNECTION	-	SEE PLANS	1,2,3	K10
K11	ICE CUBER	208/1	-	3.8 KVA	17.1		DIRECT CONNECTION	-	SEE PLANS	1,2,3	K11
K31	SODA DISPENSER	120/1	-	0.2 KVA	1.5		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	K31
K32	SODA DISPENSER	120/1	-	0.5 KVA	4		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	K32
K42L	BAG-N-BOX RACK CARBON.	120/1	-	0.9 KVA	7.2		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	K42L
K71	TEA/COFFEE BREWER	120/1	-	1.7 KVA	14		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	K71
K32F	SODA DISPENSER FREESTYLE (OPTION)	120/1	-	1.9 KVA	16		CORD & PLUG	NEMA 5-20	SEE PLANS	1,2,3	K32F
M10	WALL CABINET	120/1	-	0.3 KVA	4		DIRECT CONNECTION	-	SEE PLANS	1,2,3	M10
M11	WORK TABLE	120/1	-	0.5 KVA	4		DIRECT CONNECTION	-	SEE PLANS	1,2,3	M11
M30	SAFE	120/1	-	0.6 KVA	5		DIRECT CONNECTION	-	SEE PLANS	1,2,3	M30
M61	EMPLOYEE TRAINING DESK	120/1	-	0.6 KVA	5		DIRECT CONNECTION	-	SEE PLANS	1,2,3	M61
N32	RINNAI TANKLESS WATER HTR	120/1	-	0.5 KVA	4		DIRECT CONNECTION	-	SEE PLANS	1,2,3	N32
N83	HAND DRYER	120/1	-	1.5 KVA	12.5		DIRECT CONNECTION	-	SEE PLANS	1,2,3	N83
P20	CASH REGISTER	120/1	-	0.3 KVA	2		CORD & PLUG	-	SEE PLANS	ISOLATED CIRCUIT	P20
P30	PRINTER	120/1	-	0.2 KVA	2		CORD & PLUG	-	SEE PLANS	ISOLATED CIRCUIT	P30
Q11	DIGITAL MENU BOARD	120/1	-	0.7 KVA	6		DIRECT CONNECTION	-	SEE PLANS		Q11
Q12	DIGITAL PRE-SELL MENU BD	120/1	-	1.3 KVA	11		DIRECT CONNECTION	-	SEE PLANS		Q12
Q21	DRIVE THRU CANOPY	120/1	-	0.9 KVA	7.5		DIRECT CONNECTION	-	SEE PLANS		Q21
Q24	DRIVE-THRU CONFIRM. BD	120/1	-	1.6 KVA	15		DIRECT CONNECTION	-	SEE PLANS	ISOLATED CIRCUIT	Q24
Q26	DRIVE-THRU MENU BOARD	120/1	-	0.7 KVA	6		DIRECT CONNECTION	-	SEE PLANS		Q26
Q27	ORDER KIOSK	120/1	-	0.2 KVA	2		DIRECT CONNECTION	-	SEE PLANS		Q27

NOTES:
1. ALL KITCHEN CIRCUITS SHALL BE GROUND FAULT PROTECTED.
2. COORDINATE EXACT RECEPTACLE TYPE WITH EQUIPMENT MANUFACTURER / KITCHEN EQUIPMENT PLANS.
3. FOR EQUIPMENT UNDER THE EXHAUST HOOD, EQUIPMENT SHALL BE SHUNT-TRIPPED WITH HOOD ANSUL SYSTEM.



ELECTRICAL EQUIPMENT CONNECTION SCHEDULE

CONNECTION DESIGNATION	LOAD DESCRIPTION	VOLTS/PH	HP	LOAD	MCA	MOCP	FURN. BY	INSTALLED BY	TYPE	SWITCH RATING	POLE	FUSE OR TRIP RATING	NEMA ENCL TYPE	CIRCUIT ID	CONNECTION NOTES	CONNECTION DESIGNATION
HEF-1	FAN HEF-1	120/1	0.75	1.7 KVA	13.6	-	EQ. MFGR.	EQ. MFGR.	-	-	-	-	-	A-1	-	HEF-1
HEF-2	FAN HEF-2	120/1	0.75	1.7 KVA	13.6	-	EQ. MFGR.	EQ. MFGR.	-	-	-	-	-	A-3	-	HEF-2
HEF-3	FAN HEF-3	120/1	0.5	1.2 KVA	6.8	-	EQ. MFGR.	EQ. MFGR.	-	-	-	-	-	A-3	-	HEF-3
EF-1	FAN EF-3	120/1	-	0.2 KVA	2	-	EQ. MFGR.	EQ. MFGR.	-	-	-	-	-	A-2	-	EF-1
EF-2	FAN EF-4	120/1	-	0.2 KVA	2	-	EQ. MFGR.	EQ. MFGR.	-	-	-	-	-	A-2	-	EF-2
RTU-1	ROOFTOP UNIT (EXISTING)	208/3	-	20.1 KVA	34.7	50	EXIST.	EXIST.	-	-	-	-	-	DP-30	1	RTU-1
RTU-2	ROOFTOP UNIT (EXISTING)	208/3	-	14.4 KVA	39.9	50	EXIST.	EXIST.	-	-	-	-	-	DP-24	1	RTU-2
RTU-3	ROOFTOP UNIT (EXISTING)	208/3	-	14.4 KVA	39.9	50	EXIST.	EXIST.	-	-	-	-	-	DP-36	1	RTU-3
RTU-4	ROOFTOP UNIT (NEW)	208/3	-	20.3 KVA	58	70	EQ. MFGR.	EQ. MFGR.	-	-	-	-	-	DP-6	1	RTU-4

NOTES:
1. REFER TO MECHANICAL PLANS FOR ADDITIONAL INFORMATION ON UNITS.

GENERAL NOTES:

1. PROVIDE A "TYPE" WRITTEN DIRECTORY OF ALL CIRCUITS IN EACH PANEL.
2. ALL EQUIPMENT MOUNTED UNDER THE EXHAUST HOOD SHALL BE CIRCUITED USING SHUNT-TRIP BREAKERS TIED TO THE FIRE SUPRESSION SYSTEM. UPON ACTIVATION OF THE FIRE SUPRESSION SYSTEM, THE EQUIPMENT UNDER THE HOOD SHALL BE DEACTIVATED UNLESS OPTIONAL NCA PANEL IS PROVIDED.
3. PROVIDE HACR TYPE CIRCUIT BREAKERS FOR MECHANICAL ROOFTOP UNITS (RTU-X, AND FOR THE WALK-IN COOLER AND FREEZER COMPRESSORS.
4. P.O.S. SYSTEM, COMPUTER, PRINTERS, MONITORS, CREDIT CARD MACHINES, AND MODEM SHALL BE ON AN ISOLATED GROUND CIRCUIT.

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REVISIONS

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022106 TIMOTHY A. PAYNE 05/18/20

PANEL SCHEDULES

E3

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