



REVISIONS		
Δ	DESCRIPTION	DATE

Branch Panel: MSB												
Location: ELEC ROOM					Volts: 120/240 Single				A.I.C. Rating: EXISTING			
Supply From: UTILITY					Phases: 1				Enclosure: Type 1			
Mounting: Surface					Wires: 3				Mains: 800A			
Phase in kVA												
Note	CKT	Circuit Description	Wire	Breaker	A	B	Breaker	Wire	Circuit Description	CKT	Note	
--	1	PANEL F (EXISTING)	--	600	2	0.0 / 0.0	2	30	--	PANEL AC (EXISTING)	2	--
	3					0.0 / 0.0					4	
	5	PANEL K (EXISTING)	--	125	2	0.0 / 0.0	2	50	--	EXISTING LOAD	6	--
	7					0.0 / 0.0					8	
--	9	PANEL L (EXISTING)	--	225	2	0.0 / 10.6	2	110	#3	E01 DISHWASHER - EXISTING KITCHEN 8	10	U
	11					0.0 / 10.6					12	
--	13	PANEL B (EXISTING)	--	100	2	0.0 / 0.0	2	150	--	EXISTING LOAD	14	--
	15					0.0 / 0.0					16	
--	17	PANEL C (EXISTING)	--	125	2	0.0 / 0.0	2	225	--	EXISTING LOAD	18	--
	19					0.0 / 0.0					20	
U	21	PANEL D (EXISTING)	--	250	2	9.1 / 0.0	2	225	--	PANEL A (EXISTING)	22	--
	23					9.1 / 0.0					24	
--	25	SERVICE DISCONNECT (EXISTING)	--	800	2	0.0 / 0.0	2	60	--	SPD (EXISTING)	26	--
	27					0.0 / 0.0					28	
Total Load:					19.6 kVA		19.6 kVA					
Total Amps:					164 A		163 A					
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals			
HVAC			1.9 kVA		100.00%		1.9 kVA					
Kitchen Equipment			33.6 kVA		65.00%		21.8 kVA		Total Conn. Load: 39.2 kVA			
Lighting			0.5 kVA		125.00%		0.6 kVA		Total Est. Demand: 27.6 kVA			
Power			0.1 kVA		100.00%		0.1 kVA		Total Conn. Current: 164 A			
Receptacles			3.2 kVA		100.00%		3.2 kVA		Total Est. Demand Current: 115 A			
Notes:					Abbreviations:							
EXISTING PANEL.					G - PROVIDE GFCI CIRCUIT BREAKER							
					LF - PROVIDE PERMANENT LOCK-OFF DEVICE							
					LO - PROVIDE PERMANENT LOCK-ON DEVICE							
					M - PROVIDE METERING DEVICE							
					U - AFFECTED CIRCUIT							

Branch Panel: K											
Location: EXISTING CORRIDOR 7					Volts: 120/240 Single			A.I.C. Rating: EXISTING			
Supply From: 800A MSB					Phases: 1			Enclosure: Type 1			
Mounting: Surface					Wires: 3			Mains: 125A MLO			
Phase in kVA											
NOTE	CKT	Circuit Description	Wire	Breaker	A	B	Breaker	Wire	Circuit Description	CKT	NOTE
	1	CENTER LIGHTS - KITCHEN	--	20 1	0.0 / 0.0		1 20	--	EXISTING LOAD	2	
	3	REACH-IN BOX	--	20 1		0.0 / 0.0	1 20	--	DEEP FREEZE	4	
	5	ICE CREAM BOX	--	20 1	0.0 / 0.0		2 20	--	DESPOOL, EXHAUST FAN OVER HOOD	6	
	7					0.0 / 0.0					
	9	DISHWASHER	--	20 2	0.0 / 0.0						
	11	BACK ENTRANCE & STORAGE	--	20 1		0.0 / 0.0	2 20	--	EXHAUST FAN OVER HOOD, PLUGS RM 9	10	
	13	PLUGS ROOM 7 & 8	--	20 1	0.0 / 0.0		1 20	--	BATHROOM LIGHTS ROOM 6	12	
	15	HEATER	--	20 1		0.0 / 0.0	1 20	--	WARMER	14	
	17	LIGHTS ROOM 7 & 8	--	20 1	0.0 / 0.0		1 20	--	LIGHTS ROOM 8	16	
	19	LIGHTS ROOM 7	--	20 1		0.0 / 0.0	1 20	--	LIGHTS ROOM 9	18	
	21	LIGHTS ROOM 9	--	20 1	0.0 / 0.0		1 20	--	HOT WATER HEATER	20	
	23	BATHROOM RM 9	--	20 1		0.0 / 0.0	1 20	--	BATHROOM ROOM 9	22	
	25	KITCHEN BATHROOM	--	20 1	0.0 / 0.0		1 20	--	STORAGE ROOM	24	
	27	PEELER, MEAT SLICER	--	20 1		0.0 / 0.0	1 20	--	SALAD AREA PLUG	26	
	29	MIXER PLUG	--	20 1	0.0 / 0.0		1 20	--	EXISTING LOAD	28	
	31	WORKTABLE	--	20 1		0.0 / 0.0	1 20	--	EXISTING LOAD	30	
	33	EXISTING LOAD	--	20 1	0.0 / 0.0		1 20	--	EXISTING LOAD	32	
	35	HOT WATER BOOSTER - SERVING LINE	--	50 2		0.0 / 0.0	1 20	--	EXISTING LOAD	34	
	37				0.0 / 0.0		1 20	--	EXISTING LOAD	36	
	39	EXISTING LOAD	--	20 1		0.0 / 0.0	2	30	EXISTING LOAD	38	
	41	SPACE	--	-- 1	0.0 kVA	0.0 kVA			EXISTING LOAD	40	
Total Load:					0.0 kVA	0.0 kVA					
Total Amps:					0 A	0 A					
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals		
									Total Conn. Load: 0.0 kVA		
									Total Est. Demand: 0.0 kVA		
									Total Conn. Current: 0 A		
									Total Est. Demand Current: 0 A		
Notes:					Abbreviations:						
EXISTING PANEL.					G - PROVIDE GFCI CIRCUIT BREAKER						
					LF - PROVIDE PERMANENT LOCK-OFF DEVICE						
					LO - PROVIDE PERMANENT LOCK-ON DEVICE						
					M - PROVIDE METERING DEVICE						

ELECTRICAL KITCHEN EQUIPMENT FIXTURE COORDINATION SCHEDULE												
KITCHEN-ID	KITCHEN-DESCRIPTION	VOLTAGE	PHASE	LOAD	AMPS	CIRCUIT NUMBER	DISCONNECT TYPE	DISCO. FURNISHED BY	DISCO. INSTALLED BY			
E01	AIR CURTAIN	120	1	1.4 kVA	11	25	DUPLEX RECEPTACLE	EC	EC			
E02	WALK-IN CONDENSING UNIT - FREEZER	208	3	3.9 kVA	11	19,21,23	NON-FUSED	EC	EC			
E03	WALK-IN HEAT TAPE	120	1	1.9 kVA	16	19	DUPLEX RECEPTACLE	EC	EC			
E04	WALK-IN EVAPORATOR - FREEZER	208	1	4.0 kVA	11	31,33	NON-FUSED	EC	EC			
E05	WALK-IN LIGHTS AND HEATER - FREEZER	120	1	0.5 kVA	5	17	MANUAL STARTER	EC	EC			
E06	WALK-IN LIGHTS AND HEATER - COOLER	120	1	0.4 kVA	4	15	MANUAL STARTER	EC	EC			
E07	WALK-IN EVAPORATOR - COOLER	120	1	0.2 kVA	2	35	MANUAL STARTER	EC	EC			
E08	ELECTRIC RANGE	240	1	4.0 kVA	17	2,4	LOCKING HASP C.B.	EC	EC			
E11	ICE MACHINE	120	1	1.3 kVA	11	27	DUPLEX RECEPTACLE	EC	EC			
E51	DISHWASHER WITH BOOSTER HEATER.	240	1	21.1 kVA	88	10,12	FUSED	EC	EC			
E52	WALK-IN CONDENSING UNIT - COOLER	208	3	3.4 kVA	9	25,27,29	NON-FUSED	EC	EC			
E53	STEAMER (FUTURE).	120	1	1.1 kVA	9	6	DUPLEX RECEPTACLE	EC	EC			

Branch Panel: MDP															
Location: STORAGE ROOM Supply From: UTILITY TRANSFORMER Mounting: Flush					Volts: 120/208 Wye Phases: 3 Wires: 4 Phase in kVA			A.I.C. Rating: EXISTING Enclosure: Type 1 Mains: 400A							
Note	CKT	Circuit Description	Wire	Breaker	A	B	C	Breaker	Wire	Circuit Description	CKT	Note			
--	1	UNIT #2 - ROOM 108 (EXISTING)	--	50	3	0.0 / 0.0			3	50	--	UNIT #3 - ROOM 110 (EXISTING)			
						0.0 / 0.0									
						0.0 / 0.0									
--	5	UNIT #1 - ROOM 36 (EXISTING)	--	50	3		0.0 / 0.0		3	50	--	UNIT #5 - ROOM 106 (EXISTING)			
						0.0 / 0.0									
						0.0 / 0.0									
--	9	UNIT #4 - ROOM 111 (EXISTING)	--	50	3	0.0 / 0.0	0.0 / 0.0		3	70	--	UNIT #6 - LIBRARY (EXISTING)			
						0.0 / 0.0									
						0.0 / 0.0									
21	21	WALK-IN CONDENSING UNIT - FREEZER	#8	25	3	1.3 / 6.9	1.3 / 6.9		3	100	#1	DOAS-1			
	23							1.3 / 6.9							
	25					1.1 / 0.0									
27	27	WALK-IN CONDENSING UNIT - COOLER	#8	20	3		1.1 / 0.0		3	80	--	CAFETERIA A/C (EXISTING)			
	29														
	31					2.0 / 0.0							1	20	--
33	33	E04 WALK-IN EVAPORATOR - FREEZER	#6	20	2		2.0 / 0.0		1	--	--	SPACE			
	35							0.2 / 0.0					1	--	SPACE
	37							1					--	SPACE	
39	39	EXISTING PANEL	--	200	3	0.0 / 0.0	0.0 / 0.0		1	--	--	SPACE			
	41							0.0 / 0.0					1	--	SPACE
Total Load:					11.4 kVA	11.4 kVA									
Total Amps:					97 A	97 A	80 A								
Load Classification			Connected Load		Demand Factor		Estimated Demand		Panel Totals						
HVAC			20.8 kVA		100.00%		20.8 kVA								
Kitchen Equipment			11.4 kVA		80.00%		9.2 kVA								
										Total Conn. Load:		32.3 kVA			
										Total Est. Demand:		30.0 kVA			
										Total Conn. Current:		90 A			
										Total Est. Demand Current:		83 A			
Notes: EXISTING PANEL.					Abbreviations: G - PROVIDE GFCCI CIRCUIT BREAKER LF - PROVIDE PERMANENT LOCK-OFF DEVICE LO - PROVIDE PERMANENT LOCK-ON DEVICE M - PROVIDE METERING DEVICE U - AFFECTED CIRCUIT										