PANEL: GL

120/208 VOLT, 3 PHASE, 4 WIRE | AMP RATING: 225A | MAINS: MLO | MANUFACTURER | TYPE | A/C RATING: EXISTING | MOUNTING: SURFACE

REV NO.	CKT NOTE	LOAD TYPE	SERVING	KVA LOAD	WIRE HOT	WIRE NEUT	WIRE GRND	BREAKER TRIP	CIRC POLE	CIRC NO.	PH NO.	CIRC NO.	BREAKER POLE	BREAKER TRIP	WIRE GRND	WIRE NEUT	WIRE HOT	KVA LOAD	SERVING	LOAD TYPE	CKT NOTE	REV NO.
	6		SPARE					20	1	1	A	2	1	20	12	12	12	1.05	GONDOLA LIGHTING	L	1	
	6		SPARE					20	1	3	B	4	1	20	12	12	12	1.12	GONDOLA LIGHTING	L	1	
	9	L	D/B BULKHEAD LTS	1.20	10	10	10	20	1	5	C	6	1	20	10	10	10	1.12	GONDOLA LIGHTING	L	1	
	9	L	D/B BULKHEAD LTS	1.20	10	10	10	20	1	7	A	8	1	20	10	10	10	1.12	GONDOLA LIGHTING	L	1	
	1	L	WALL WASH LIGHTING	0.95	10	10	10	20	1	9	B	10	1	20	10	10	10	1.12	GONDOLA LIGHTING	L	1	
	9	L	WALL WASH LIGHTING	1.02	10	10	10	20	1	11	C	12	1	20	10	10	10	1.12	GONDOLA LIGHTING	L	1	
	1	L	WALL WASH LIGHTING	0.98	12	12	12	20	1	13	A	14	1	20	10	10	10	1.20	GONDOLA LIGHTING	L	1	
	1	L	WINE TRACK	2.40	10	10	10	20	1	15	B	16	1	20	10	10	10	1.20	GONDOLA LIGHTING	L	1	
	1	L	WINE TRACK	2.40	10	10	10	20	1	17	C	18	1	20	12	12	12	0.42	GONDOLA LIGHTING	L	1	
	1		SPARE					20	1	19	A	20	1	20	12	12	12	0.36	DECOR DOWN LIGHTS	L	9	
	1		SPARE					20	1	21	B	22	1	20	12	12	12	0.34	DECOR DOWN LIGHTS	L	9	
	1		SPARE					20	1	23	C	24	1	20	10	10	10	0.70	DECOR DOWN LIGHTS	L	9	
	1		SPARE					20	1	25	A	26	1	20	10	10	10	0.73	DECOR DOWN LIGHTS	L	9	
	1		SPARE					20	1	27	B	28	1	20	10	10	10	0.67	DECOR DOWN LIGHTS	L	9	
	1		SPARE					20	1	29	C	30	1	20	12	12	12	0.30	CHEESE ISLAND DWN LTS	L	1	
	1		SPARE					20	1	31	A	32	1	20					SPARE	L	1	
	1		SPARE					20	1	33	B	34	1	20					SPARE		1	
	1		SPARE					20	1	35	C	36	1	20					SPARE		1	
			SPACE							37	A	38	3	60	10		4	3.80	BAILER	N	1	
			SPACE							39	B	40	-	-			4	3.80	-	N		
			SPACE							41	C	42	-	-			4	3.80	-	N		
																			NEC KVA	38		
																			NEC AMPS	107		

SERVICE	KVA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	21.7	27.1	1.25
KITCHEN EQUIPMENT (K)	0.0	0.0	1.00
RECEPTACLES (REC)	0.0	0.0	1.00/.50
HOT WATER HEATER (HW)	0.0	0.0	1.00
AIR CONDITIONING (AC)	0.0	0.0	0.00
ELECTRIC HEAT (EH)	0.0	0.0	0.00
REFRIGERATION (R)	0.0	0.0	1.00
CONTINUOUS (C)	0.0	0.0	1.25
NON CONTINUOUS (N)	11.4	11.4	1.00
TOTAL	33.1		
NEC TOTAL DEMAND		38.5	

PANEL: F

120/208 VOLT, 3 PHASE, 4 WIRE | AMP RATING: 225A | MAINS: MLO | MANUFACTURER: SQ D | TYPE: NQOB | A/C RATING: EXISTING | MOUNTING: SURFACE

REV NO.	CKT NOTE	LOAD TYPE	SERVING	KVA LOAD	WIRE HOT	WIRE NEUT	WIRE GRND	BREAKER TRIP	CIRC POLE	CIRC NO.	PH NO.	CIRC NO.	BREAKER POLE	BREAKER TRIP	WIRE GRND	WIRE NEUT	WIRE HOT	KVA LOAD	SERVING	LOAD TYPE	CKT NOTE	REV NO.
	1	K	MEAT SAW	1.10				20	3	1	A	2	3	30				2.00	GARBAGE DISPOSAL	N	1	
		K		1.10				-	-	3	B	4	-	-				2.00		N		
		K		1.10				-	-	5	C	6	-	-				2.00		N		
	1	K	MEAT GRINDER	2.50				30	3	7	A	8	3	20	12		12	1.54	COMP ROOM SF-1 / EF-5	C	1	
		K		2.50				-	-	9	B	10	-	-			12	1.54		C		
		K		2.50				-	-	11	C	12	-	-			12	1.54		C		
	2		SPARE					20	3	13	A	14	3	50				1.60	COMPACTOR	N	1	
			-					-	-	15	B	16	-	-				1.60	-	N		
			-					-	-	17	C	18	-	-				1.60	-	N		
	1	AC	RTU - 1	8.50				90	3	19	A	20	3	20					SPARE		1	
		AC		8.50				-	-	21	B	22	-	-					-			
		AC		8.50				-	-	23	C	24	-	-					-			
	1		SPARE					60	3	25	A	26	2	15	12		12	1.04	CU-2 (EMP. LNG.)	AC	1	
			-					-	-	27	B	28	-	-			12	1.04	-	AC		
			-					-	-	29	C	30	2	25	10		10		AHU-2 (EMP. LNG.)		1	
	1		SPARE					60	3	31	A	32	-	-			10					
			-					-	-	33	B	34	1	20	12	12	12	0.54	ROOF RECEPTACLES	REC	1	
			-					-	-	35	C	36	1	15	10	10	10	1.68	COU-6 / CAHU-6 (MNGR OFF.)	AC	1	
	6		SPARE					70	3	37	A	38	3	50	10		6	5.04	RTU-4	AC	5	
			-					-	-	39	B	40	-	-			6	5.04	-	AC		
			-					-	-	41	C	42	-	-			6	5.04	-	AC		
																			NEC KVA	69		
																			NEC AMPS	190		

SERVICE	KVA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	0.0	0.0	1.25
KITCHEN EQUIPMENT (K)	10.8	7.0	0.65
RECEPTACLES (REC)	0.5	0.5	1.00/.50
HOT WATER HEATER (HW)	0.0	0.0	1.00
AIR CONDITIONING (AC)	44.4	44.4	1.00
ELECTRIC HEAT (EH)	0.0	0.0	0.00
REFRIGERATION (R)	0.0	0.0	1.00
CONTINUOUS (C)	4.6	5.8	1.25
NON CONTINUOUS (N)	10.8	10.8	1.00
TOTAL	71.1		
NEC TOTAL DEMAND		68.5	

PANEL: K

120/208 VOLT, 3 PHASE, 4 WIRE | AMP RATING: 400A | MAINS: MLO | MANUFACTURER: SQ D | TYPE: NQOD | A/C RATING: EXISTING | MOUNTING: SURFACE

REV NO.	CKT NOTE	LOAD TYPE	SERVING	KVA LOAD	WIRE HOT	WIRE NEUT	WIRE GRND	BREAKER TRIP	CIRC POLE	CIRC NO.	PH NO.	CIRC NO.	BREAKER POLE	BREAKER TRIP	WIRE GRND	WIRE NEUT	WIRE HOT	KVA LOAD	SERVING	LOAD TYPE	CKT NOTE	REV NO.
	1	R	ROOF TOP COND "A"	5.94	4		10	60	3	1	A	2	1	20	12	12		0.36	ROOFTOP REC(S) RTU-4 & 5	REC	5	
		R		5.94	4			-	-	3	B	4	1	20					SPARE		5	
		R		5.94	4			-	-	5	C	6	1	20					SPARE		5	
	1		SPARE					60	3	7	A	8	3	30					SPARE		1	
								-	-	9	B	10	-	-					-			
								-	-	11	C	12	-	-					-			
	1	R	ROOF TOP COND "C"	4.50	4		10	60	3	13	A	14	1	15				0.80	EXISTING CIRCUIT	N	1	
		R		4.50	4			-	-	15	B	16	1	20				1.20	EXISTING CIRCUIT	N	1	
		R		4.50	4			-	-	17	C	18	3	30					SPARE		1	
	1	R	SYS A5 DEFROST	0.79	10	10	10	20	1	19	A	20	-	-					-			
	1	R	SYS A5 DEFROST	1.25	8	8	8	20	1	21	B	22	-	-					-			
	1	R	SYS A10 DEFROST (8 DRS)	1.25	8	8	8	30	1	23	C	24	3	50					SPARE		1	
	1	R	SYS A10 DEFROST (5 DRS)	0.78	10	10	10	30	1	25	A	26	-	-					-			
	1	REC	RECEPTS @ ROOF COND(S)	0.54	12	12	12	20	1	27	B	28	-	-					-			
	1	N	LTG CONTACTOR CONTROL	0.60	12	12	12	20	1	29	C	30	1	20	10	10	10	0.79	SYS A3 DEFROST	R	1	
	1	N	EXISTING CIRCUIT	1.20				20	1	31	A	32	1	20	8	8	8	1.25	SYS A4 DEFROST	R	1	
	1	R	ROOF TOP COND "B"	3.96	EXISTING			60	3	33	B	34	1	20	8	8	8	1.25	SYS A5 DEFROST (8 DRS)	R	1	
		R	-	3.96				-	-	35	C	36	1	20	10	10	10	0.78	SYS A5 DEFROST (5 DRS)	R	1	
		R	-	3.96				-	-	37	A	38	1	20	8	8	8	1.25	SYS A6 DEFROST (5 DRS)	R	1	
			SPARE					20	2	39	B	40	1	20	10	10	10	0.78	SYS A6 DEFROST (5 DRS)	R	1	
								-	-	41	C	42	1	20	8	8	8	1.25	SYS A7 DEFROST	R	1	
	1	N	RACK A CONTROL CIRCUIT	1.25	12	12	12	15	2	43	A	44	6	125					SPARE		1	
		N	-	1.25	12			-	-	45	B	46	-	-								
	1	N	RACK C CONTROL CIRCUIT	1.25	12	12	12	15	2	47	C	48	-	-								
		N	-	1.25	12			-	-	49	A	50	-	-								
	1	N	GAS WATER HEATER GWH-1	0.60	12	12	12	20	1	51	B	52	-	-								
	1	N	RECIRC. PUMP	0.60	12	12	12	20	1	53	C	54	-	-								
																			NEC KVA	66		
																			NEC AMPS	182		

SERVICE	KVA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	0.0	0.0	1.25
KITCHEN EQUIPMENT (K)	0.0	0.0	1.00
RECEPTACLES (REC)	0.9	0.9	1.00/.50
HOT WATER HEATER (HW)	0.0	0.0	1.00
AIR CONDITIONING (AC)	0.0	0.0	0.00
ELECTRIC HEAT (EH)	0.0	0.0	0.00
REFRIGERATION (R)	54.6	54.6	1.00
CONTINUOUS (C)	0.0	0.0	1.25
NON CONTINUOUS (N)	10.0	10.0	1.00
TOTAL	65.5		
NEC TOTAL DEMAND		65.5	

PANEL CKT NOTES:

1. EXISTING TO REMAIN.
2. CONTRACTOR SHALL DEMOLISH EXISTING CIRCUIT AND REUSE BREAKER FOR NEW CIRCUIT SHOWN.
3. CONTRACTOR SHALL DEMOLISH EXISTING CIRCUIT AND BREAKER. CONTRACTOR SHALL PROVIDE NEW BREAKER FOR CIRCUIT SHOWN. NEW BREAKER SHALL BE UL LISTED FOR USE IN EXISTING PANEL AND HAVE SAME A/C RATING AS EXISTING EQUIPMENT.
4. CONTRACTOR SHALL USE EXISTING SPARE BREAKER FOR NEW CIRCUIT SHOWN.
5. CONTRACTOR SHALL PROVIDE NEW BREAKER IN EXISTING SPACE FOR CIRCUIT SHOWN. NEW BREAKER SHALL BE UL LISTED FOR USE IN EXISTING PANEL AND HAVE SAME A/C RATING AS EXISTING EQUIPMENT.
6. CONTRACTOR SHALL DEMOLISH EXISTING CIRCUIT AND MARK BREAKER SPARE.
7. CONTRACTOR SHALL RELOCATE EXISTING CIRCUIT AND/OR RECEPTACLE TO NEW LOCATION AS SHOWN ON PLAN DRAWINGS.
8. CONTRACTOR SHALL ROUTE CIRCUIT THRU EMS CONTACTOR FOR LIGHTING CONTROL. CONTACTOR SUPPLIED AND INSTALLED BY ELECTRICAL CONTRACTOR.
9. REWORK EXISTING CIRCUIT AS SHOWN ON PLANS.
10. DEMOLISH EXISTING CIRCUIT.
11. RELABEL CIRCUIT ON PANEL SCHEDULE AS INDICATED.

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PROJECT MANAGER:
KNOX STACY

JOB NO.:
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DR. BY:
HRV

REVISIONS

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SHEET NAME:
PANEL SCHEDULES

ISSUE DATE:
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