PANEL: DP1

120/208 VOLT, 3 PHASE, 4 WIRE — AMP RATING: 600A — MAINS: 600A MCS — MANUFACTURER: GE — TYPE: SPECTRA SERIES — AIC RATING: 42,000 — MOUNTING: SURFACE

REV NO.	CKT NOTE	LOAD TYPE	SERVING	KVA LOAD	OVERCURRENT DEVICE TRIP	FRAME	POLE	CIRC. NO.	PH	CIRC. NO.	OVERCURRENT DEVICE POLE	FRAME	TRIP	KVA LOAD	SERVING	LOAD TYPE	CKT NOTE	REV NO.
	1	R	ROOFTOP CONDENSOR 1A	6.72	70	225	3	1	A	2	3	225	70	6.72	ROOFTOP CONDENSOR 1B	R	1	
		R		6.72					B					6.72		R		
		R		6.72					C					6.72		R		
	1		PANEL LPA	6.90	150	225	3	3	A	4	3	225	150	6.20	PANEL LPC		1	
				5.79					B					4.51				
				5.03					C					4.95				
	1		PANEL PPA	8.45	225	225	3	5	A	6	3	225	100	3.66	PANEL RPH		1	
				6.52					B					6.32				
				5.91					C					6.35				
	1		PANEL RPL1	10.21	150	225	3	7	A	8	3	400	400	17.33	ACU-1	AC	1	
				11.03					B					17.33		AC		
				8.14					C					17.33		AC		
	1	AC	AHU-1	4.00	100	225	3	9	A	10	3	400	300		SPARE			
		AC		4.00					B									
		AC		4.00					C									
			SPARE		40	225	3	11	A	12	3	225	50		SPARE			
									B									
									C									
			SPACE			225	3	13	A	14	3	225			SPACE			
									B									
									C									
	1	R	ROOFTOP CONDENSOR 2A	3.33	40	100	3	15	A	16	3	100	40	3.33	ROOFTOP CONDENSOR 2B	R	1	
		R		3.33					B					3.33		R		
		R		3.33					C					3.33		R		
			SPACE			225	3	17	A									
									B									
									C									

NEC KVA	227	
NEC AMPS	632	
[redacted]		
Ø A NEC KVA / AMPS	62	681
Ø B NEC KVA / AMPS	76	630
Ø C NEC KVA / AMPS	72	598

SERVICE	VA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	46.4	57.9	1.25
KITCHEN EQUIPMENT (K)	0.0	0.0	1.00
RECEPTACLES (REC)	12.8	11.4	1.00/.50
HOT WATER HEATER (HW)	0.0	0.0	1.00
AIR CONDITIONING (AC)	75.2	75.2	1.00
ELECTRIC HEAT (EH)	0.0	0.0	0.00
REFRIGERATION (R)	79.7	79.7	1.00
CONTINUOUS (C)	0.0	0.0	1.25
NON CONTINUOUS (N)	3.4	3.4	1.00
TOTAL	217.3	[redacted]	[redacted]
NEC TOTAL DEMAND	[redacted]	227.5	[redacted]

PANEL: PPA (SEC 1)

120/208 VOLT, 3 PHASE, 4 WIRE — W/ FEED THRU LUGS — AMP RATING: 225A — MAINS: MLO — MANUFACTURER: GE — TYPE: A-SERIES — AIC RATING: 18,000 — MOUNTING: SURFACE

REV NO.	CKT NOTE	LOAD TYPE	SERVING	KVA LOAD	WIRE HOT	WIRE NEUT	WIRE GRND	BREAKER TRIP	BREAKER POLE	CIRC. NO.	PH	CIRC. NO.	BREAKER POLE	BREAKER TRIP	WIRE GRND	WIRE NEUT	WIRE HOT	KVA LOAD	SERVING	LOAD TYPE	CKT NOTE	REV NO.
	1	REC	RECEPTACLES GONDOLAS	0.40				20	1	1	A	2	1	20					SPARE		6	
	1	REC	RECEPTACLES GONDOLAS	0.40				20	1	3	B	4	1	20					SPARE		6	
	1	REC	RECEPT - COFFEE GRINDER	0.90				20	1	5	C	6	1	30					SPARE		6	
	1	REC	RECEPTACLES GONDOLAS	0.40				20	1	7	A	8	1	30					SPARE		6	
	1	REC	RECEPTACLES GONDOLAS	0.40				20	1	9	B	10	1	30					SPARE		6	
	1	REC	RECEPTACLES GONDOLAS	0.40				20	1	11	C	12	1	30					SPARE		6	
	1	REC	RECEPTACLES GONDOLAS	0.20				20	1	13	A	14	1	30					SPARE		6	
	1	REC	REC - RESTROOMS, EWC	0.60				20	1	15	B	16	1	20					SPARE		6	
	1	REC	MICROWAVE - EMPLY LOUNGE	1.20				20	1	17	C	18	1	20					SPARE		6	
	1	REC	VENDING MACH - EMPL LOUNGE	1.00				20	1	19	A	20	1	30				0.20	REC - DEPT MNGR OFFICE	REC	1	
	1	REC	VENDING MACH - EMPL LOUNGE	1.00				20	1	21	B	22	1	20				0.20	REC - DEPT MNGR OFFICE	REC	1	
	1	REC	TELEVISION EMPL LOUNGE	0.50				20	1	23	C	24	1	20				0.20	REC - DEPT MNGR OFFICE	REC	1	
	1	REC	REC - EMPLOYEE LNG	0.36				20	1	25	A	26	1	20				0.20	REC - PRODUCE PREP	REC	1	
	1	N	CONTACTOR POWER	0.25				20	1	27	B	28	1	30				0.20	CONTACTOR POWER	N	1	
	1	N	CONTACTOR POWER	0.25				20	1	29	C	30	1	20				0.40	PLUGMOLD - DSD OFFICE	REC	1	
	1	N	CONTACTOR POWER	0.25				20	1	31	A	32	1	20GFI				0.54	ROOFTOP RECEPTACLES	REC	1	
	1	REC	EMS CONTROL BRD POWER	0.25				20	1	33	B	34	1	20GFI				0.72	ROOFTOP RECEPTACLES	REC	1	
			SPARE					20	1	35	C	36	1	30					SPARE			
			SPARE					20	1	37	A	38	1	20					SPARE			
			SPARE					20	1	39	B	40	1	20					SPARE			
			SPARE					20	1	41	C	42	1	20					SPARE			

NEC KVA	16	
NEC AMPS	54	
Ø A NEC KVA / AMPS	8	70
Ø B NEC KVA / AMPS	7	54
Ø C NEC KVA / AMPS	6	48

SERVICE	KVA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	5.6	7.0	1.25
KITCHEN EQUIPMENT (K)	0.0	0.0	1.00
RECEPTACLES (REC)	12.2	11.1	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)	1.4	1.4	1.00
TOTAL	19.2		
NEC TOTAL DEMAND		19.5	

NOTE:
PANEL PPA SEC 2 LOAD INCLUDED IN PPA SEC 1 LOAD ANALYSIS.

PANEL: PPA (SEC 2)

120/208 VOLT, 3 PHASE, 4 WIRE — AMP RATING: 225A — MAINS: MLO — MANUFACTURER: GE — TYPE: A-SERIES — AIC RATING: 18,000 — MOUNTING: SURFACE

REV NO.	CKT NOTE	LOAD TYPE	SERVING	KVA LOAD	WIRE HOT	WIRE NEUT	WIRE GRND	BREAKER TRIP	BREAKER POLE	CIRC. NO.	PH	CIRC. NO.	BREAKER POLE	BREAKER TRIP	WIRE GRND	WIRE NEUT	WIRE HOT	KVA LOAD	SERVING	LOAD TYPE	CKT NOTE	REV NO.
	1	REC	COFFEE MACHINE - EMP LNG	0.97				20	1	43	A	44	1	20				0.60	NEON - BEER AISLE	L	1	
	1	REC	PVM MONITORS	0.50				20	1	45	B	46	1	20				0.60	NEON - BEER AISLE	L	1	
	1	N	BUZZER - MEAT PREP	0.20				20	1	47	C	48	1	20				0.36	NEON - REAR WALL	L	1	
	1	N	CONTACTOR POWER	0.20				20	1	49	A	50	1	20				0.36	NEON - REAR WALL	L	1	
			SPARE					20	1	51	B	52	1	20				0.36	NEON - REAR WALL	L	1	
			SPARE					20	1	53	C	54	1	30				0.72	NEON - DELI/BAKERY	L	1	
			SPARE					20	1	55	A	56	1	20				0.72	NEON - DELI/BAKERY	L	1	
			SPARE					20	1	57	B	58	1	20				0.72	NEON - DELI/BAKERY	L	1	
			SPARE					20	1	59	C	60	1	20				0.50	NEON - DELI/BAKERY	L	1	
			SPARE					20	1	61	A	62	1	30				0.36	NEON - FROZEN FOOD	L	1	
			SPARE					20	1	63	B	64	1	20					SPARE			
			SPARE					20	1	65	C	66	1	20					SPARE			
			SPARE					20	1	67	A	68	1	20					SPARE			
			SPARE					20	1	69	B	70	1	30					SPARE			
			SPARE					20	1	71	C	72	1	20					SPARE			

NEC KVA	9	
NEC AMPS	25	
Ø A NEC KVA / AMPS	4	[illegible]
Ø B NEC KVA / AMPS	3	[illegible]
Ø C NEC KVA / AMPS	2	[illegible]

SERVICE	KVA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	5.6	7.0	1.25
KITCHEN EQUIPMENT (K)	0.0	0.0	1.00
RECEPTACLES (REC)	1.8	1.8	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)	0.4	0.4	1.00
TOTAL	7.8		
NEC TOTAL DEMAND		9.2	

PANEL: RPL1

120/208 VOLT, 3 PHASE, 4 WIRE — AMP RATING: 150A — MAINS: MLO — MANUFACTURER: GE — TYPE: A-SERIES — AIC RATING: 18,000 — MOUNTING: SURFACE

REV NO.	CKT NOTE	LOAD TYPE	SERVING	KVA LOAD	WIRE HOT	WIRE NEUT	WIRE GRND	BREAKER TRIP	BREAKER POLE	CIRC. NO.	PH	CIRC. NO.	BREAKER POLE	BREAKER TRIP	WIRE GRND	WIRE NEUT	WIRE HOT	KVA LOAD	SERVING	LOAD TYPE	CKT NOTE	REV NO.
	1		PANEL RPL2	4.59				30	3	1	A	2	1	20				1.29	REFRIG CASE LIGHTS - SYS B5	L	1	
				2.73				-	-	3	B	4	1	20				0.65	REFRIG CASE LIGHTS - SYS B5	L	1	
				2.25				-	-	5	C	6	1	20				1.29	REFRIG CASE LIGHTS - SYS B6	L	1	
	8,11	L	REF. CASE LTS - SYS A15 / A16	0.38				20	1	7	A	8	1	20				0.65	REFRIG CASE LIGHTS - SYS B4	L	1	
	8	L	REFRIG CASE LIGHTS - SYS A18	0.25				20	1	9	B	10	1	20				0.11	DELI FREEZER LIGHTS	L	9	
			SPARE					20	1	11	C	12	1	20				0.20	REF. CASE LTS - SYS A19 / A20	L	9,11	
	9	L	REFRIG CASE LIGHTS - SYS A17	0.14				20	1	13	A	14	1	20				0.22	FREEZER LIGHTS	L	9	
	1	L	REFRIG CASE LIGHTS - SYS A21	1.29				20	1	15	B	16	1	30				0.38	REF. CASE LIGHTS - SYS A14	L	9,11	
			SPARE					20	1	17	C	18	1	20				0.31	REFRIG CASE LIGHTS - SYS B3	L	9	
	6		SPARE					20	1	19	A	20	1	20					SPARE			
	9	L	REFRIG CASE LIGHTS - SYS B2	0.52				20	1	21	B	22	1	20					SPARE			
	9	L	REFRIG CASE LIGHTS - SYS B1	0.33				20	1	23	C	24	1	20					SPARE			
	6		SPARE					20	1	25	A	26	1	20	12	12	12	0.57	REFRIG CASE LIGHTS - SYS S5	L	4	
	1,11	L	REFRIG CASE LIGHTS - SYS B15	1.29				20	1	27	B	28	1	20					SPARE			
	6		SPARE					20	1	29	C	30	1	20					SPARE			
			SPARE					20	1	31	A	32	1	20	12	12	12	0.12	REF. CASE LTS - SYS A23 / B10	L	4	
	9,11	L	REFRIG CASE LIGHTS - SYS B8	0.65				20	1	33	B	34	1	20				1.80	PRODUCE LIGHTS	L	1	
	1	L	PRODUCE LIGHTS	1.80				20	1	35	C	36	1	20	10	10	10	0.76	REF. CASE LTS - SYS B17 / B18	L	4	
	4	L	REF. CASE LTS - SYS B16	0.20	12	12	12	20	1	37	A	38	1	20	10	10	10	0.63	REF. CASE LTS - SYS B19 / B20	L	4	
	6		SPARE					20	1	39	B	40	1	20					SPARE			
	6		SPARE					20	1	41	C	42							SPACE			

NEC KVA	29	
NEC AMPS	82	
Ø A NEC KVA / AMPS	10	85
Ø B NEC KVA / AMPS	11	92
Ø C NEC KVA / AMPS	8	66

SERVICE	KVA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	23.5	29.4	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)	0.0	0.0	1.00
TOTAL	23.5		
NEC TOTAL DEMAND		29.4	

NOTE:
PANEL RPL2 LOAD INCLUDED IN PANEL RPL1 LOAD ANALYSIS.

PANEL: RPL2

120/208 VOLT, 3 PHASE, 4 WIRE — AMP RATING: 100A — MAINS: MLO — MANUFACTURER: GE — TYPE: NLAB — AIC RATING: 10,000 — MOUNTING: SURFACE

REV NO.	CKT NOTE	LOAD TYPE	SERVING	KVA LOAD	WIRE HOT	WIRE NEUT	WIRE GRND	BREAKER TRIP	BREAKER POLE	CIRC. NO.	PH	CIRC. NO.	BREAKER POLE	BREAKER TRIP	WIRE GRND	WIRE NEUT	WIRE HOT	KVA LOAD	SERVING	LOAD TYPE	CKT NOTE	REV NO.
	1	L	REFRIG CASE LIGHTS - SYS A1	1.08				20	1	1	A	2	1	20				1.09	REFRIG CASE LIGHTS - SYS A6	L	1	
	9,11	L	REF. CASE LTS - SYS A2 / A13a	0.78				20	1	3	B	4	1	20				0.54	REFRIG CASE LIGHTS - SYS A7	L	1	
	1	L	REFRIG CASE LIGHTS - SYS A3	0.54				20	1	5	C	6	1	20				1.26	REFRIG CASE LIGHTS - SYS A8	L	1	
	1	L	REFRIG CASE LIGHTS - SYS A4	1.26				20	1	7	A	8	1	20				0.28	REFRIG CASE LIGHTS - SYS A9	L	9	
	9,11	L	REF. CASE LTS - SYS A5 / A13b	0.78				20	1	9	B	10	1	20	12	12	12	0.09	REFRIG CASE LIGHTS - SYS A10	L	2	
			SPARE					20	1	11	C	12	1	20					SPARE			
			SPARE					20	1	13	A	14	1	20					SPARE			
			SPARE					20	1	15	B	16	1	20					SPARE			
			SPARE					20	1	17	C	18	1	20					SPARE			

NEC KVA	10	
NEC AMPS	27	
Ø A NEC KVA / AMPS	5	38
Ø B NEC KVA / AMPS	3	23
Ø C NEC KVA / AMPS	2	19

SERVICE	KVA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	7.7	9.6	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)	0.0	0.0	1.00
TOTAL	7.7		
NEC TOTAL DEMAND		9.6	

PANEL: LPC

120/208 VOLT, 3 PHASE, 4 WIRE — AMP RATING: 150A — MAINS: MLO — MANUFACTURER: GE — TYPE: A-SERIES — AIC RATING: 10,000 — MOUNTING: SURFACE

REV NO.	CKT NOTE	LOAD TYPE	SERVING	KVA LOAD	WIRE HOT	WIRE NEUT	WIRE GRND	BREAKER TRIP	BREAKER POLE	CIRC. NO.	PH	CIRC. NO.	BREAKER POLE	BREAKER TRIP	WIRE GRND	WIRE NEUT	WIRE HOT	KVA LOAD	SERVING	LOAD TYPE	CKT NOTE	REV NO.
	2	REC	REC. @ RTU-3, CDU-1 & 2	0.54	12	12	12	20	1	1	A	2	1	20					SPARE		6	
	5	AC	RTU-3	3.72	6		10	45	3	3	B	4	1	20					SPARE		6	
	5	AC	-	3.72	8			-	-	5	C	6	1	20					SPARE		6	
	5	AC	-	3.72	8			-	-	7	A	8	1	20					SPARE		6	
	6		SPARE					20	1	9	B	10	1	20					SPARE		6	
	6		SPARE					20	1	11	C	12	1	20					SPARE		6	
	6		SPARE					20	1	13	A	14	1	20					SPARE		6	
	6		SPARE					20	1	15	B	16	1	20					SPARE		6	
	6		SPARE					20	1	17	C	18	1	20					SPARE		6	
	6		SPARE					20	1	19	A	20	1	20					SPARE		6	
	6		SPARE					20	1	21	B	22	1	20					SPARE		6	
	6		SPARE					20	1	23	C	24	1	20					SPARE		6	
			SPARE					20	1	25	A	26	1	20				0.88	LIGHTING - WALL WASH	L	8,9	
			SPARE					20	1	27	B	28	1	20				0.63	LIGHTING - WALL WASH	L	9,8	
			SPARE					20	1	29	C	30	1	20				[illegible]	LIGHTING - WALL WASH	L	9,8	
			SPARE					20	1	31	A	32	1	20				0.57	LIGHTING - WALL WASH	L	9,8	
			SPARE					20	1	33	B	34	1	20					SPARE			
			SPARE					20	1	35	C	36	1	20					SPARE			
			SPARE					20	1	37	A	38	1	20					SPARE			
			SPARE					20	1	39	B	40	1	20					SPARE			
			SPARE					20	1	41	C	42	1	20					SPARE			

NEC KVA	16	
NEC AMPS	42	
Ø A NEC KVA / AMPS	6	52
Ø B NEC KVA / AMPS	5	38
Ø C NEC KVA / AMPS	5	41

SERVICE	KVA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	3.2	[illegible]	1.25
KITCHEN EQUIPMENT (K)	0.0	0.0	1.00
RECEPTACLES (REC)	0.5	0.5	1.00/.50
HOT WATER HEATER (HW)	0.0	0.0	1.00
AIR CONDITIONING (AC)	11.2	11.2	1.00
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)	0.0	0.0	1.00
TOTAL	14.9		
NEC TOTAL DEMAND		15.7	

PANEL: RPH

120/208 VOLT, 3 PHASE, 4 WIRE — AMP RATING: 100A — MAINS: MLO — MANUFACTURER: GE — TYPE: A-SERIES — AIC RATING: 10,000 — MOUNTING: SURFACE

REV NO.	CKT NOTE	LOAD TYPE	SERVING	KVA LOAD	WIRE HOT	WIRE NEUT	WIRE GRND	BREAKER TRIP	BREAKER POLE	CIRC. NO.	PH	CIRC. NO.	BREAKER POLE	BREAKER TRIP	WIRE GRND	WIRE NEUT	WIRE HOT	KVA LOAD	SERVING	LOAD TYPE	CKT NOTE	REV NO.
	1	R	REFRIG CASE HEAT SYS A12	1.40				20	1	1	A	2	1	20				1.40	REFRIG CASE HEAT SYS A5	R	1	
	1	R	REFRIG CASE HEAT SYS A14	0.70				20	1	3	B	4	1	20				0.70	REFRIG CASE HEAT SYS A6	R	1	
	1	R	REFRIG CASE HEAT SYS A2	1.23				20	1	5	C	6	1	20				0.98	REFRIG CASE HEAT SYS A7	R	1	
	1	R	REFRIG CASE HEAT SYS A3	0.39				20	1	7	A	8	1	20				1.40	REFRIG CASE HEAT SYS A8	R	1	
	1	R	REFRIG CASE HEAT SYS A4	1.40				20	1	9	B	10	1	20				0.99	REFRIG CASE HEAT SYS A8	R	1	
	1	R	REFRIG CASE HEAT SYS A4	0.98				20	1	11	C	12	1	20					SPARE		6	
	1	R	REFRIG CASE HEAT SYS A5	1.25				20	1	13	A	14	1	20					SPARE		6	
	1	R	REFRIG CASE HEAT SYS A5	1.25				20	1	15	B	16	1	20					SPARE		6	
	1	R	REFRIG CASE HEAT SYS A2	0.56				20	1	17	C	18	1	20					SPARE		6	
	1	R	MAIN COOLER HEAT	1.25				20	1	19	A	20	1	20				0.50	EXISTING CIRCUIT	N	1	
			SPARE					20	2	21	B	22	1	20				0.70	REFRIG CASE HEAT SYS A20	R	1	
										23	C	24	1	20				0.70	REFRIG CASE HEAT SYS A18	R	1	
			SPARE					20	1	25	A	26	1	20				0.50	EXISTING CIRCUIT	N	1	
			SPARE					20	1	27	B	28	1	20				0.50	EXISTING CIRCUIT	N	1	
	1	N	EXISTING CIRCUIT	0.50				20	1	28	C	30	1	20				0.90	REFRIG CASE HEAT SYS A21	R	1	

NEC KVA	21	
NEC AMPS	59	
Ø A NEC KVA / AMPS	9	72
Ø B NEC KVA / AMPS	5	53
Ø C NEC KVA / AMPS	6	53

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)	0.0	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)	19.4	19.4	1.00
CONTINUOUS (C)	0.0	0.0	1.25
NON CONTINUOUS (N)	2.0	2.0	1.00
TOTAL	21.4		
NEC TOTAL DEMAND		21.4	

PANEL: LPA

120/208 VOLT, 3 PHASE, 4 WIRE — AMP RATING: 150A — MAINS: MLO — MANUFACTURER: GE — TYPE: A-SERIES — AIC RATING: 18,000 — MOUNTING: SURFACE

REV NO.	CKT NOTE	LOAD TYPE	SERVING	KVA LOAD	WIRE HOT	WIRE NEUT	WIRE GRND	BREAKER TRIP	BREAKER POLE	CIRC. NO.	PH	CIRC. NO.	BREAKER POLE	BREAKER TRIP	WIRE GRND	WIRE NEUT	WIRE HOT	KVA LOAD	SERVING	LOAD TYPE	CKT NOTE	REV NO.
	1	L	GONDOLA LIGHTING	0.92				20	1	1	A	2	1	20				1.10	GONDOLA LIGHTING	L	1	
	1	L	GONDOLA LIGHTING	0.86				20	1	3	B	4	1	20				1.10	GONDOLA LIGHTING	L	1	
	1	L	GONDOLA LIGHTING	1.03				20	1	5	C	6	1	20				1.10	GONDOLA LIGHTING	L	1	
	1	L	GONDOLA LIGHTING	1.56				20	1	7	A	8	1	20				0.85	GONDOLA LIGHTING	L	1	
	1	L	GONDOLA LIGHTING	1.06				20	1	9	B	10	1	20					SPARE		6	
	6		SPARE					20	1	11	C	12	1	20				0.21	GONDOLA LIGHTING	L	1	
	6		SPARE					20	1	13	A	14	[illegible]	20				0.34	LIGHTING - SALES AR[illegible]	L	1	
	6		SPARE					20	1	15	B	16						0.34		L		
	6		SPARE					20	1	17	C	[illegible]	[illegible]	20				[illegible]	LIGHTING - [illegible] AREA (OFF)	L	9	
	6		SPARE					20	1	19	A	20								L		
	6		SPARE					20	1	[illegible]	B	22	[illegible]	20				[illegible]	LIGHTING - SALES AREA (OFF)	L	1	
			SPARE					20	[illegible]	[illegible]	C	24						0.34		L		
	9	L	LIGHTING - SALES AREA (ON)	0.49				20	2	[illegible]	[illegible]	26	2					[illegible]	LIGHTING - SALES AREA (OFF)	L	1	
		L	-	0.49						27		28						0.34		L		
			SPARE					[illegible]	1	29		30	1					1.00	RMS	L	1	
			SPARE					[illegible]	[illegible]	31		[illegible]	1	20					SPARE		5	
			SPARE					20	[illegible]	33	B		1	20					SPARE		5	
			SPARE					20	[illegible]	35	C		1	20					SPARE			
			SPARE					20	[illegible]	[illegible]	A		[illegible]	20					SPARE			
			SPARE					20	1	[illegible]	B	40	[illegible]	20					SPARE			
			SPARE					20	1	[illegible]	C	42	1	20					SPARE			

NEC KVA	18	
NEC AMPS	49	
Ø A NEC KVA / AMPS	7	57
Ø B NEC KVA / AMPS	6	48
Ø C NEC KVA / AMPS	5	42

SERVICE	KVA LOAD	NEC LOAD	DEMAND FACTOR
LIGHTS (L)	[illegible]	17.6	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)	0.0	0.0	1.00
TOTAL	14.1		
NEC TOTAL DEMAND		17.6	

PANEL 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 AIC 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 AIC 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 INDICATED ON PLANS.
10. DEMOLISH THE EXISTING CIRCUIT.
11. RELABEL CIRCUIT ON PANEL SCHEDULE AS INDICATED.
12. RELOCATED CIRCUIT TO DIFFERENT BREAKER SPACE WITHIN PANEL.

Order Plans @ WWW.LDILine.com

Design and Construction Documents as instruments of service are given in confidence and remain the property of Bondurant Associates. The use of this design and these construction documents for purposes other than the specific project named herein is strictly prohibited without expressed written consent of Bondurant Associates. No part of this document may be reproduced, transmitted, transcribed or translated in any form by any means without the written permission of Bondurant Associates.

Date: SEPTEMBER 10, 2019 Job No. 1922

Revisions:
No ___ Date ___ Note
No ___ Date ___ Note
No ___ Date ___ Note
No ___ Date ___ Note
No ___ Date ___ Note
No ___ Date ___ Note

BONDURANT ASSOCIATES
ENGINEERING & ARCHITECTURE
444 CRAWFORD STREET SUITE 300
PORTSMOUTH, VIRGINIA

BRANDT ENGINEERING, INC.
NC LICENSE NO. C-1504
2840 POLO PARKWAY, SUITE 200
MIDLOTHIAN, VA 23113
PHONE: (804)794-6656
FAX: (804)794-8588
EMAIL: cadd@beiric.com

Harris Teeter
Neighborhood Food & Pharmacy

Project: HARRIS TEETER STORE #289 ~ REMODEL
2603 GLENWOOD AVENUE, SUITE 101
RALEIGH, NC 27608

Title: PANEL SCHEDULES

NORTH CAROLINA PROFESSIONAL SEAL 028546 ENGINEER R. ... STACY
9-10-19

NOTE: THIS DOCUMENT MAY HAVE BEEN ELECTRONICALLY TRANSMITTED. IF UNSIGNED, IT CANNOT BE FILED FOR PUBLIC RECORD. PUBLIC RECORD FILINGS REQUIRE SIGNED AND SEALED DOCUMENTS.

9/10/2019 3:10:56 PM