

Branch Panel: A

Location: DRY GOODS RECEIVING 109
 Supply From: MDP
 Mounting: PRE-FABRICATED
 Enclosure: PRE-FABRICATED

Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: 65,000 SERIES RATED
 Mains Type: MLO
 Mains Rating: 200 A
 MCB Rating: N/A

Notes:

NOTES	CKT	Load Name	Trip	Poles	A	B	C	Poles	Trip	Load Name	CKT	NOTES
	1	FUTURE EMS SYSTEM	20 A	1	400	700			1	20 A	CIGARETTE DISPLAY #5006	2
	3	SPARE	20 A	1		0	2400		1	20 A	COMMERCIAL DISPLAY	4
	5	EF-3 & EF-4	20 A	1			1056	314	1	20 A	LTG. SALES FLR (CANS & BREW BAR)	6
	7	SALES FLOOR LTG	20 A	1	1009	200			1	20 A	INTERCOM CALL BOX #5024	8
	9	BEVERAGE COOLER LIGHTING	20 A	1		508	339		1	20 A	LTG. SALES FLR DOWNLIGHTS	10
	11	SALES FLOOR LIGHTING	20 A	1			722	900	1	20 A	ROOF RECEPTACLES	12
	13	FUTURE MARKETING SIGNAGE	20 A	1	360	680			1	20 A	MEN/WOMEN RR PWR CONVERTERS	14
	15	LIGHTING, BOH & FREEZER	20 A	1		1062	0		1	20 A	SPARE	16
	17	SPARE	20 A	1			0	180	1	20 A	RECEPT. - FLOOR CLEANER	18
	19	SPARE	20 A	1	0	0			1	20 A	SPARE	20
	21	EXTERIOR RECEPTS SEATING AREA	20 A	1		720	720		1	20 A	EXTERIOR BUILDING RECEPTACLES	22
	23	EXTERIOR RECEPTS SEATING AREA	20 A	1			720	1200	1	20 A	EXTERIOR ICE MERCHANDISER #5044	24
	25	SPARE	20 A	1	0	1725			1	20 A	HAND DRYER MENS RR	26
	27	SPARE	20 A	1		0	1725		1	20 A	HAND DRYER WOMENS RR	28
	29	SPARE	20 A	1			0	1200	1	20 A	EXTERIOR ICE MERCHANDISER #5044	30
	31	SPARE	20 A	1	0	0			1	20 A	SPARE	32
	33	SPARE	20 A	1		0	1200		1	20 A	PROVISION FOR ICE MERCHANDISER	34
	35	SPARE	20 A	1			0	200	1	20 A	INTERCOM CALL BOX #5024	36
	37	RESTROOM LIGHTS AND EFS	20 A	1	1363	0			1	20 A	SPARE	38
	39	SPACE	--	--		0	180		1	20 A	COOLER DISPLAY DOORS #4001	40
	41	SPACE	--	--			0	500	1	20 A	PATIO FANS	42
	43	SPACE	--	--	0	0			--	--	SPACE	44
	45	SPACE	--	--		0	0		--	--	SPACE	46
	47	SPACE	--	--			0	0	--	--	SPACE	48
	49	SPACE	--	--	0	0			--	--	SPACE	50
	51	SPACE	--	--		0	0		--	--	SPACE	52
	53	SPACE	--	--			0	0	--	--	SPACE	54
					Total Load:	6437 VA	8854 VA	6992 VA				
					Total Amps:	54 A	74 A	59 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	2112 VA	100.00%	2112 VA	
Lighting	4481 VA	125.00%	5576 VA	
Power	6990 VA	100.00%	6990 VA	
Receptacle	8540 VA	100.00%	8540 VA	
Kitchen Equipment	180 VA	65.00%	117 VA	
				Total Conn. Load: 22283 VA
				Total Est. Demand: 23335 VA
				Total Conn.: 62 A
				Total Est. Demand: 65 A

Notes:

Branch Panel: C

Location: DRY GOODS RECEIVING 109
 Supply From: D
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 Enclosure: PRE-FABRICATED

Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: 65,000 SERIES RATED
 Mains Type: MCB
 Mains Rating: 100 A
 MCB Rating:

Notes:

Notes	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	Notes
	1	UPS #5012	20 A	1	200				1	20 A	UPS #5012	2
	3	UPS #5012	20 A	1					1	20 A	LOTTO RECEPTACLE	4
	5	MONEY ORDER MACHINE	20 A	1			300	200	1	20 A	YOGURT SCALES	6
	7	RECEPTACLES/INTERCOM #5012	20 A	1	600	300			1	20 A	SAFE #5001	8
	9	BILL SAFE #5007	20 A	1		360	100		1	20 A	FAX/PRINTER #5004	10
	11	COMPUTER SYSTEM #5003	20 A	1			360	180	1	20 A	IPAD CHARGING STATION	12
	13	GILBERT'S ISOLE RECEPT	20 A	1	200	360			1	20 A	DATA CLOSET RECEPTACLE	14
	15	DATA CLOSET RECEPTACLE	20 A	1		360	108		1	20 A	SECURITY MONITOR #5041	16
	17	SECURITY MONITOR #5041	20 A	1			108	200	1	20 A	LOTTO MACHINE #5056	18
	19	ATM #5008	20 A	1	1200	0			1	20 A	SPARE	20
	21	SPARE	20 A	1		0	0		1	20 A	SPARE	22
	23	SPARE	20 A	1			0	0	1	20 A	SPARE	24
	25	SPACE	20 A	1	0	0			--	--	SPACE	26
	27	SPACE	--	--		0	0		--	--	SPACE	28
	29	SPACE	--	--			0	0	--	--	SPACE	30
					Total Load:	3060 VA	1488 VA	1348 VA				
					Total Amps:	26 A	13 A	11 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Receptacle	5896 VA	100.00%	5896 VA	
				Total Conn. Load: 5896 VA
				Total Est. Demand: 5896 VA
				Total Conn.: 16 A
				Total Est. Demand: 16 A

Notes:

Branch Panel: B

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 Phases: 3
 Wires: 4

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 Mains Type: MLO
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 MCB Rating: N/A

Notes:

Notes	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	Notes
	1	CANOPY LIGHTS 2	20 A	2	1500	1500			2	20 A	AREA LIGHTS 2	2
	3	SPARE	20 A	1					1	20 A	SPARE	4
	5	EM, ***	20 A	2	1500	1500			2	20 A	AREA LIGHTS 1	6
	7	CANOPY LIGHTS 1	20 A	2	1500	1500			2	20 A	AREA LIGHTS 1	6
	9	PRICE SIGN 1	20 A	1		1000	224		1	20 A	PATIO CAN/GOOSENECK FIXTURES	10
	11	PRICE SIGN 2	20 A	1			1000	800	1	20 A	FUEL CANOPY LED LOGO	12
	13	DECORATIVE POLE LIGHTING	20 A	1	273	227			1	20 A	SPARE LIGHTING	14
	15	SPARE	20 A	1		0	0		1	20 A	SPARE	16
	17	ENTRY CANOPY/BUILDING MTD LTS	20 A	1			390	900	1	20 A	LIGHT POLE RECEPS	18
	19	RAINBIRD PANEL	20 A	1	200	800			1	20 A	FUEL CANOPY LED LOGO	20
	21	AWNING LIGHTS	20 A	1		500			1	20 A	PANEL CANOPY LED LOGO	22
	23	DATA RACK	20 A	1			200		1	20 A	SPARE	24
	25	SPARE	20 A	1	0	0			1	20 A	SPARE	26
	27	SPARE	20 A	1		0	125		1	20 A	TOWER BANNER LIGHTING	28
	29	SPARE	20 A	1			1000		1	20 A	FRONT ENTRY CANOPY LOGO	30
	31	SPARE	20 A	1	0	0			1	20 A	LIGHT POLE RECEPS	32
	33	SPARE	20 A	1		0	0		1	20 A	SPARE	34
	35	SPARE	20 A	1			0	0	1	20 A	SPARE	36
	37	SPARE	20 A	1	0	0			1	20 A	SPARE	38
	39	SPARE	20 A	1					1	20 A	SPARE	40
	41	SPARE	20 A	1			0	200	1	15 A	IPACS LIGHTING CONTROLS	42
					Total Load:	15000 VA	15649 VA	7490 VA				
					Total Amps:	47 A	65 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	20939 VA	125.00%	26174 VA	
Power	600 VA	100.00%	600 VA	
				Total Conn. Load: 21539 VA
				Total Est. Demand: 26774 VA
				Total Conn.: 60 A
				Total Est. Demand: 74 A

Notes:

Branch Panel: D

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Volts: 120/208 Wye
 Phases: 3
 Wires: 4

A.I.C. Rating: 65,000 SERIES RATED
 Mains Type: MLO
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Notes:

Notes	CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	Notes
	1	PANEL 'C' (VIA POWER CONDITIONER)	30 A	2	3060	1801			3	30 A	STP-1 REGULAR	2
	3	SPARE	20 A	1					1	20 A	SPARE	4
	5	IPAC DISPENSER CONTROLS	15 A	1			200	1801			SPARE	6
	7	MPD-1	20 A	1	1000	841					SPARE	8
	9	MPD-2	20 A	1		1000	841		3	20 A	STP-2 DIESEL	10
	11	MPD-3	20 A	1			1000	841			SPARE	12
	13	MPD-4	20 A	1	1000	841					SPARE	14
	15	MPD-5	20 A	1		1000	841		3	20 A	STP-3 PREMIUM	16
	17	MPD-6	20 A	1			1000	841			SPARE	18
	19	MPD-7	20 A	1	1000	841					SPARE	20
	21	MPD-8	20 A	1		1000	841		3	20 A	STP-4 E-85	22
	23	SPARE	20 A	1			0	841			SPARE	24
	25	SPARE	20 A	1	0	1801					SPARE	26
	27	SPARE	20 A	1		0	1801		3	30 A	STP-5 REGULAR	28
	29	SPARE	20 A	1			0	1801			SPARE	30
	31	SPARE	20 A	1	0	841					SPARE	32
	33	SPARE	20 A	1		0	841		3	20 A	STP-6 E0	34
	35	SPARE	20 A	1			0	841			SPARE	36
	37	SPARE	20 A	1	0	0					SPARE	38
	39	SPARE	20 A	1			0	0	3	30 A	SPD	40
	41	SPARE	20 A	1			0	0			SPARE</	