

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
	3	JUNGE CONTROL SYSTEM	20 A	1	400	700		1	20 A	CIGARETTE DISPLAY #5006	2	
	5	EF-3 & EF-4	20 A	1		600	2400		20 A	COMMERCIAL DISPLAY #5006	4	
	7	SALES FLOOR LTG	20 A	1	906	200			20 A	LTG. SALES FLR CANS/COFFEE BAR	6	
	9	BEVERAGE COOLER LIGHTING	20 A	1		544	339		20 A	INTERCOM CALL BOX #5024	8	
	11	SALES FLOOR LIGHTING	20 A	1			680	900	20 A	LTG. SALES FLR DOWNLIGHTS	10	
	13	FUTURE MARKETING SIGNAGE	20 A	1	360	680			20 A	ROOF RECEPTACLES	12	
	15	LIGHTING, BOH & FREEZER	20 A	1		1278	0		20 A	MEN/WOMEN RR PWR CONVERTERS	14	EM
	17	SPARE	20 A	1			0	180	20 A	SPARE	16	
	19	SPARE	20 A	1	0	0			20 A	RECEPT. - FLOOR CLEANER	18	
	21	EXTERIOR RECEPTS SEATING AREA	20 A	1		360	720		20 A	SPARE	20	
	23	EXTERIOR RECEPTS SEATING AREA	20 A	1			720	1200	20 A	EXTERIOR BUILDING RECEPTACLES	22	
	25	SPARE	20 A	1	180	1725			20 A	EXTERIOR ICE MERCHANDISER #5044	24	
	27	CO2 ALARM	20 A	1		180	1725		20 A	HAND DRYER MENS RR	26	
	29	SALES FLOOR LTG (DAYLIGHT ZONE)	20 A	1			222	1200	20 A	HAND DRYER WOMENS RR	28	
	31	SALES FLOOR LTG (DAYLIGHT ZONE)	20 A	1	222	0			20 A	EXTERIOR ICE MERCHANDISER #5044	30	
	33	SPARE	20 A	1		0	1200		20 A	SPARE	32	
	35	DUMPSTER ENCLOSURE LIGHTING	20 A	1			160	200	20 A	PROVISION FOR ICE MERCHANDISER	34	
	37	RESTROOM LIGHTS AND EFS	20 A	1	1391	90			20 A	INTERCOM CALL BOX #5024	36	
	39	TANK DRAIN	20 A	1		180	100		20 A	COOLER DISPLAY DOORS #4001	38	
	41	SPACE	--	--			0	250	20 A	COOLER DISPLAY DOORS #4001	40	
	43	SPACE	--	--	0	0			--	PATIO FANS	42	
	45	SPACE	--	--		0	0		--	SPACE	44	
	47	SPACE	--	--		0	0		--	SPACE	46	
	49	PROVISION FOR AIR COMPRESSOR (EDO)	35 A	2	2517	0			--	SPACE	48	
	51	SPARE	20 A	1		2517	0		--	SPACE	50	
	53	SPARE	20 A	1			0	0	--	SPACE	52	
							0	0	--	SPACE	54	
Total Load:					9371 VA	12142 VA	7526 VA					
Total Amps:					80 A	104 A	63 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	2112 VA	100.00%	2112 VA	Total Conn. Load: 29039 VA
Lighting	5643 VA	125.00%	7054 VA	Total Est. Demand: 28621 VA
Power	6740 VA	100.00%	6740 VA	Total Conn.: 81 A
Receptacle	9320 VA	100.00%	9320 VA	Total Est. Demand: 79 A
Kitchen Equipment	5224 VA	65.00%	3395 VA	

Notes:

Branch Panel: B

Location: DRY GOODS RECEIVING 109
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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	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	EM, ***
	3										4		
	5	CANOPY LIGHTS 1	20 A	2	1500	1500			2	20 A	AREA LIGHTS 1	6	EM, ***
	7										8		
	9	PRICE SIGN 1	20 A	1		1000	140		1	20 A	PATIO CANOPY LIGHTS	10	***
	11	SPARE	20 A	1			0	0	1	20 A	SPARE	12	
	13	DECORATIVE POLE LIGHTING	20 A	1	246	156			1	20 A	TOWER LIGHTING	14	***
	15	SPARE	20 A	1		0	0		1	20 A	SPARE	16	
	17	ENTRY CANOPY/BUILDING MTD LTS	20 A	1			352	900	1	20 A	FRONT ENTRY CANOPY LIGHTS	18	
	19	RAINBIRD PANEL	20 A	1	200	800			1	20 A	FLR CANOPY LED LOGO	20	***
	21	AWNING LIGHTS	20 A	1		500	0		1	20 A	SPARE	22	
	23	DATA RACK	20 A	1			200	80	1	20 A	FLR CANOPY LOGO	24	***
	25	EDO AREA LIGHTS	20 A	2	1500	0			1	20 A	SPARE	26	
	27					1500			1	20 A	TOWER BANNER LIGHTING	28	CT, ***
	29	LIGHT POLE RECEPTS	20 A	1			900	1000	1	20 A	FRONT ENTRY CANOPY LOGO	30	
	31	SPARE	20 A	1	0	900			1	20 A	LIGHT POLE RECEPTS	32	
	33	SPARE	20 A	1		0	1000		1	20 A	AREA LIGHTS 3	34	EM, ***
	35	SPARE	20 A	1			0	1500	2	20 A	LIGHT POLE RECEPTS	36	
	37	SPARE	20 A	1					1	20 A	MAIN SHUNT TRIP	38	
	39	SPARE	20 A	1		0	0		1	20 A	IPACS LIGHTING CONTROLS	40	
	41	SPARE	20 A	1			0	200	1	15 A		42	
Total Load:					10794 VA	7765 VA	8852 VA						
Total Amps:					94 A	65 A	75 A						

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	26719 VA	125.00%	33398 VA	Total Conn. Load: 27319 VA
Power	600 VA	100.00%	600 VA	Total Est. Demand: 33998 VA
				Total Conn.: 76 A
				Total Est. Demand: 94 A

Notes:

Branch Panel: C

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

Volts: 120/240 1PH
Phases: 1
Wires: 3

A.I.C. Rating: 65,000 SERIES RATED
Mains Type: MCB
Mains Rating: 50 A
MCB Rating: 30 A

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	EM
	3	UPS #5012	20 A	1		200	360		1	20 A	UPS #5012	4	
	5	MONEY ORDER MACHINE	20 A	1	300	1310			1	20 A	SAFE #5001	6	EM
	7	UPS #5012	20 A	1		200	200		1	20 A	UPS #5012	8	EM
	9	SAFE #5001	20 A	1	360	100			1	20 A	FAX/PRINTER	10	EM
	11	SAFE #5001	20 A	1		360	100		1	20 A	VEEDER ROOT(TANK MONITOR) #5005	12	EM
	13	RECEPTACLES/INTERCOM #5002	20 A	1	240	0			1	20 A	SPARE	14	
	15	SPARE	20 A	1		0	288		1	20 A	SECURITY MONITOR #5041	16	EM
	17	SECURITY MONITOR #5041	20 A	1	108	200			1	20 A	LOTO MACHINE #5056	18	EM
	19	ATM #5029	20 A	1		1200	50		1	20 A	PRINTER #5156	20	
	21	SPARE	20 A	1	0	0			1	20 A	SPACE	22	
	23	SPARE	20 A	1	0	0			1	20 A	SPACE	24	
	25	SPARE	20 A	1	0	0			--	--	SPACE	26	
	27	SPACE	--	--		0	0		2	30 A	MAIN BREAKER	28	
	29	SPACE	--	--							30		
Total Load:					3018 VA	2958 VA							
Total Amps:					29 A	28 A							

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	50 VA	100.00%	50 VA	Total Conn. Load: 5976 VA
Receptacle	5926 VA	100.00%	5926 VA	Total Est. Demand: 5976 VA
				Total Conn.: 29 A
				Total Est. Demand: 29 A

Notes:

Branch Panel: D

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	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	Notes	
	1	PANEL 'C' (VIA POWER CONDITIONER)	30 A	2	3018	1801			3	30 A	STP-1 REGULAR	2	D, M, EM
	3										4		
	5	IPAC DISPENSER CONTROLS	15 A	1		2958	1801			200	1801	6	
	7	MPD-1	20 A	1	1000	841					8		
	9	MPD-2	20 A	1		1000	841		3	20 A	STP-2 DIESEL	10	D, M, EM
	11	MPD-3	20 A	1			1000	841			12		
	13	MPD-4	20 A	1	1000	841					14		
	15	MPD-5	20 A	1		1000	841		3	20 A	STP-3 PREMIUM	16	D, M, EM
	17	MPD-6	20 A	1			1000	841			18		
	19	MPD-7	20 A	1	1000	841					20		
	21	MPD-8	20 A	1		1000	841		3	20 A	STP-4 E-85	22	D, M, EM
	23	EDO-MPD-1	20 A	1			1000	841			24		
	25	EDO-MPD-2	20 A	1	1000	1801					26		
	27	EDO-MPD-3	20 A	1		1000	1801		3	30 A	STP-5 REGULAR	28	D, M, EM
	29	EDO-MPD-4	20 A	1			1000	1801			30		
	31				1801	841					32		
	33	EDO-STP	30 A	3		1801	841		3	20 A	STP-6 E0	34	D, M, EM
	35						1801	841			36		
	37				1801	0					38		
	39	EDO-STP	30 A	3		1801	0		3	30 A	SPD	40	
	41						1801	0			42		
	43	SPARE	20 A	1	0	0			1	20 A	SPARE	44	
	45	SPARE	20 A	1		0	0		1	20 A	SPARE	46	
	47	SPARE	20 A	1			0	0	1	20 A	SPARE	48	
	49	SPARE	20 A	1	0	0			1	20 A	SPARE	50	
	51	SPARE	20 A	1		0	0		1	20 A	SPARE	52	
	53	SPARE	20 A	1			0	0	1	20 A	SPARE	54	
Total Load:					17586 VA	17526 VA	14766 VA						
Total Amps:					150 A	150 A	123 A						

Legend: