

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	A	B	C	DIRECTORY	
	A	B	C												A
LIGHTING CONTROLS, LC1	0.4			1	20					2	2.3			LTG. 112, 113, 166-167, 173, 174	
NORMAL PARKING LTG. 1		3.0		3	20					4		2.6		LTG. 101-103, 108-111, 115, 116, 155-158, 163, 170	
NORMAL PARKING LTG. 2			3.0	5	20					6			2.6	LTG. 152-154, 161, 162	
EXTERIOR LANDSCAPE LTG.	1.6			7	20					8				SPARE	
SPARE				9	20					10				SPARE	
SPARE				11	20					12				SPARE	
SPARE				13	20					14				SPARE	
SPARE				15	20					16				SPARE	
SPARE				17	20					18				SPARE	
SPACE				19	20					20				SPACE	
SPACE				21	20					22				SPACE	
SPACE				23	20					24				SPACE	
SPACE				25	20					26	25			SPACE	
SPACE				27	20					28	25			75 KVA XFMR T2 FOR PANELBOARD PP1	
SPACE				29	20					30	25			SPACE	
SUB-TOTAL				2.0	3.0	3.0	NEUTRAL BUS GROUND BUS			27.3	27.6	27.6	SUB-TOTAL		
VOLTAGE: 480Y/277V				3 PHASE	4 WIRE	225 AMP BUS	TOTAL KVA	A		29.3	PANEL NO.	LP1			
MAIN LUGS ONLY				225 AMP LUGS	TOTAL KVA	B	30.6				LOCATION	ELEC 107			
MOUNTING: SURFACE				TOTAL KVA	C	30.6				LOCATION	ELEC 107				
SC RATING: 25,000 AIC				TOTAL KVA	90.5										
NOTES: *															

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	A	B	C	DIRECTORY	
	A	B	C												A
RECEPTS - 166, 168, EXT. GFI, UH-1	1.1			1	20					2	0.8			RECEPT - 155 VENDING	
RECEPT - 104, 151, 156, EXT. GFI, CUH-1		1.1		3	20					4		0.8		RECEPT - 155 VENDING	
RECEPT - 105, 156, 163, 164, 170, EXT. GFI, CUH-2			1.5	5	20					6			1.0	RECEPT - 155 VENDING	
RECEPT - 111, 116, 157, 158	0.9			7	20					8	0.4			RECEPT - 154 COUNTERTOP	
RECEPT & FLUSH VALVES - 102, 103		0.8		9	20					10		0.4		RECEPT - 154 COUNTERTOP	
RECEPT - 101, 110			1.1	11	20					12			0.4	RECEPT - 154 COUNTERTOP	
RECEPT - 173, EF-3, EF-7	1.2			13	20					14	1.0			RECEPT - 154 REFRIGERATOR	
RECEPT 174		0.8		15	20					16		1.0		RECEPT - 154 REFRIGERATOR	
RECEPT 174 COPIER			1.5	17	20					18			1.1	RECEPT - 154	
RECEPT 112, 113	1.1			19	20					20	0.9			RECEPT - 159	
RECEPT - 161, 162		0.9		21	20					22		0.9		RECEPT - 152, 153	
RECEPT - 161			0.8	23	20					24			0.8	RECEPT - 153	
RECEPT - 161	0.9			25	20					26	0.8			RECEPT - 153	
(2) RECEPT - 161		1.1		27	20					28		1.3		RECEPT - 153	
(2) RECEPT - 161 COPIER			1.0	29	20					30			1.0	RECEPT - 153 COPIER	
RECEPT - 169, UH-2, EXT. GFI	1.0			31	20					32	0.8			RECEPT - 171, 172	
WATER COOLER		0.5		33	20					34		0.7		SHED LTG & RECEPTS	
HEAT TRACE			0.2	35	20					36			0.6	DOOR HOLDERS	
IRRIGATION CONTROLLER	0.2			37	20					38				SPACE	
SPACE				39	20					40				SPACE	
SPACE				41	20					42				SPACE	
SUB-TOTAL				6.4	5.2	6.1	NEUTRAL BUS GROUND BUS			4.7	5.1	4.9	SUB-TOTAL		
VOLTAGE: 208Y/120V				3 PHASE	4 WIRE	225 AMP BUS	TOTAL KVA	A		11.1	PANEL NO.	PP1 SECTION 1			
MAIN BREAKER:				225 AMP TRIP	TOTAL KVA	B	10.3				LOCATION	ELEC 107			
MOUNTING: SURFACE				TOTAL KVA	C	11.0				LOCATION	ELEC 107				
SC RATINGS: 10,000 AIC				TOTAL KVA	32.4										
NOTES: PROVIDE W/ FEED THRU LUGS. (1) PROVIDE GROUND FAULTY CIRCUIT BREAKER W/ 30 mA TRIP. (2) PROVIDE HANDLE TIE BETWEEN BREAKERS FEEDING MODULAR OFFICE FURNITURE THAT ALLOWS BOTH BREAKERS TO BE OPENED TOGETHER.															

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	A	B	C	DIRECTORY	
	A	B	C												A
SPARE				1	20					2				SPARE	
SPARE				3	20					4				SPARE	
SPARE				5	20					6				SPARE	
SPARE				7	20					8				SPARE	
SPARE				9	20					10				SPARE	
SPARE				11	20					12				SPARE	
SPACE				13	20					14				SPACE	
SPACE				15	20					16				SPACE	
SPACE				17	20					18				SPACE	
SPACE				19	20					20				SPACE	
SPACE				21	20					22				SPACE	
SPACE				23	20					24				SPACE	
SPACE				25	20					26				SPACE	
SPACE				27	20					28				SPACE	
SPACE				29	20					30				SPACE	
SPACE				31	20					32				SPACE	
SPACE				33	20					34				SPACE	
SPACE				35	20					36				SPACE	
SPACE				37	20					38				SPACE	
SPACE				39	20					40				SPACE	
SPACE				41	20					42				SPACE	
SUB-TOTAL				-	-	-	NEUTRAL BUS GROUND BUS			-	-	-	SUB-TOTAL		
VOLTAGE: 208Y/120V				3 PHASE	4 WIRE	225 AMP BUS	TOTAL KVA	A		-	PANEL NO.	PP1 SECTION 2			
MAIN LUGS ONLY:				225 AMP LUGS	TOTAL KVA	B	-				LOCATION	ELEC 107			
MOUNTING: SURFACE				TOTAL KVA	C	-				LOCATION	ELEC 107				
SC RATING: 10,000 AIC				TOTAL KVA	0.0										
NOTES:															

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	A	B	C	DIRECTORY	
	A	B	C												A
PUMP P-9 (1/2 HP) FOR BOILER B-1	0.4			1	15					2	0.9			PUMP P-8 (1 1/2 HP)	
		0.4		3	15					4		0.9			
			0.4	5	15					6			0.9		
PUMP P-10 (1/2 HP) FOR BOILER B-2	0.4			7	15					8	4.5			BOOSTER PUMP STATION BP-1 & BP-2	
		0.4		9	15					10		4.5			
			0.4	11	15					12			4.5		
PUMP P-1A (5 HP)	2.7			13	15					14				SPACE	
		2.7		15	15					16				SPACE	
			2.7	17	15					18				SPACE	
PUMP P-1B (5 HP)	2.7			19	15					20				SPACE	
		2.7		21	15					22				SPACE	
			2.7	23	15					24				SPACE	
PUMP P-7A (1 1/2 HP) & P-7B (1 1/2 HP)	1.7			25	15					26				SPACE	
		1.7		27	15					28				SPACE	
			1.7	29	15					30				SPACE	
PUMP P-2A (7 1/2 HP)	3.1			31	30					32				SPACE	
		3.1		33	30					34				SPACE	
			3.1	35	30					36				SPACE	
PUMP P-2B (7 1/2 HP)	3.1			37	30					38				SPACE	
		3.1		39	30					40				SPACE	
			3.1	41	30					42				SPACE	
SUB-TOTAL				14.1	14.1	14.1	NEUTRAL BUS GROUND BUS			5.4	5.4	5.4	SUB-TOTAL		
VOLTAGE: 480Y/277V				3 PHASE	4 WIRE	225 AMP BUS	TOTAL KVA	A		19.5	PANEL NO.	EMP1			
MAIN LUGS ONLY				225 AMP LUGS	TOTAL KVA	B	19.5				LOCATION	ELEC 172			
MOUNTING: SURFACE				TOTAL KVA	C	19.5				LOCATION	ELEC 172				
SC RATING: 35,000 AIC				TOTAL KVA	58.5										
NOTES: *															

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	A	B	C	DIRECTORY	
	A	B	C												A
OVERHEAD DOOR, UH-3	1.2			1	20					2	0.9			RECEPT - 117, 118	
RECEPT - 138		1.4		3	20					4		0.9		RECEPT - 123	
RECEPT - 138 COUNTERTOP			0.2	5	20					6			0.9	RECEPT - 119, 120, 121	
RECEPT - 140, 142	0.2			7	20					8	0.9			RECEPT - 121, 126, 127	
RECEPT - 144, 145, EXT. GFI		1.1		9	20					10		0.9		RECEPT - 128	
RECEPT - 146 ARMORY			0.9	11	20					12			0.9	RECEPT - 122, 129, 130, EXT. GFI	
RECEPT - 146 ARMORY	0.2			13	20					14	0.8			RECEPT - 132	
RECEPT - COMP 141		0.8		15	20					16		0.6		RECEPT - 134, 137	
RECEPT - 147, 148			0.8	17	20					18			1.1	RECEPT & FLUSH VALVES - 125,131,133,135,136,139	
RECEPT - 134 COPIER	0.8			19	20					20				SPACE	
SPARE				21	20					22				SPACE	
SPARE				23	20					24				SPACE	
SPARE				25	20					26				SPACE	
SPARE				27	20					28				SPACE	
SPARE				29	20					30				SPACE	
SUB-TOTAL				2.4	3.3	1.9	NEUTRAL BUS GROUND BUS			2.6	2.4	3.0	SUB-TOTAL		
VOLTAGE: 208Y/120V				3 PHASE	4 WIRE	125 AMP BUS	TOTAL KVA	A		5.0	PANEL NO.	EPD1			
MAIN BREAKER:				100 AMP TRIP	TOTAL KVA	B	5.7				LOCATION	STATE POLICE COMP 141			
MOUNTING: SURFACE				TOTAL KVA	C	4.8				LOCATION	STATE POLICE COMP 141				
SC RATING: 10,000 AIC				TOTAL KVA	15.5										
NOTES:															

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A	B	C	BKR AMPS	CKT NO.	A	B	C	DIRECTORY
	A	B	C											
RECEPT. BLDG. SERVICES	0.8			1	20					2	1.0			OVERHEAD DOOR 168
ELEV. 1 PIT LTG. RECEPT.		0.2		3	20					4		0.4		RECEPT - 106, 107
ELEV. 2 PIT LTG. RECEPT.			0.2	5	20					6			0.4	BOTTLE 116a - FIRE CONTROLS (1)
ELEV. SUMP SP-1	1.0			7	20					8	0.8			COMP. REPAIR 112 - RECEPT, FURNITURE
ELEV. SHUNT TRIP POWER		0.2		9	20									