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PANELBOARD MDP												
BUS AMPS:			LOCATION:			GROUND BUS:			YES			
400A			PRE-SALES			ISOL. GROUND BUS:			NO			
MAIN SIZE / TYPE:			NEMA RATING:			FEED THRU LUGS:			NO			
480Y/277V, 3PH, 4W			NEMA 1 / SE RATED			SECTIONS:			1 OF 1			
VOLTS/PHASE:			AFC VALUE:			AIC RATING:			65,000A FULLY RATED			
MOUNTING:			SURFACE			SECTION:			1 OF 1			
OKT #	CIRCUIT DESCRIPTION	BREAKER	WIRE SIZE	LOAD (VA)	CONNECTED PER PHASE (VA)	LOAD (VA)	WIRE SIZE	BREAKER	CIRCUIT DESCRIPTION	OKT #		
1	PANELBOARDS 'A', 'B' AND 'CR'	175	3	20,592	25,358	4,766	10	3	RTU-1	2		
2	VIA 112.5KVA TRANSFORMER			25,366	30,132	4,766	10	3	RTU-2	4		
3				25,446	30,212	4,766	10	3	RTU-3	6		
4				4,174	8,940	4,766	10	3	RTU-4	8		
5	PANELBOARD 'L'	70	3	2,100	6,866	4,766	10	3	RTU-5	10		
6				3,950	8,716	4,766	10	3	RTU-6	12		
7				2,260	7,026	4,766	10	3	RTU-7	14		
8	PANELBOARD 'G'	50	3	2,080	6,846	4,766	10	3	RTU-8	16		
9	VIA 30KVA TRANSFORMER			2,220	7,486	4,766	10	3	RTU-9	18		
10				100	4,866	4,766	10	3	RTU-10	20		
11	WATTS TRANSUDER	20	3	100	4,866	4,766	10	3	RTU-11	22		
12				100	4,866	4,766	10	3	RTU-12	24		
13	SPACE ONLY			0	4,074	4,074	10	3	RTU-13	26		
14	SPACE ONLY			0	4,074	4,074	10	3	RTU-14	28		
15	SPACE ONLY			0	4,074	4,074	10	3	RTU-15	30		
16	SPACE ONLY			0	0	0			SPACE ONLY	32		
17	SPACE ONLY			0	0	0			SPACE ONLY	34		
18	SPACE ONLY			0	0	0			SPACE ONLY	36		
19	SPACE ONLY			0	0	0			SPACE ONLY	38		
20	SPACE ONLY			0	0	0			SPACE ONLY	40		
21	SPACE ONLY			0	0	0			SPACE ONLY	42		
PER PHASE SUB-TOTALS				50,264	52,784	55,354	LEGEND:					
TOTAL CONNECTED PANELBOARD (VA)				158,402			TS - VIA TIME SWITCH			ST - SHUNT TRIP		
TOTAL CONNECTED PANELBOARD (AMPS)				191			GF - GROUND FAULT INTERRUPTER			LCK - LOCKING TAB		
TOTAL PANELBOARD DEMAND (VA)				174,354			FA - FIRE ALARM / RED / LOCKING TAB			IG - ISOLATED GROUND		
TOTAL PANELBOARD DEMAND (AMPS)				210			EM - EMERGENCY LTG. / LOCKING TAB			OL - RE: ONE-LINE DIAGRAM		

PANELBOARD A												
BUS AMPS:			LOCATION:			GROUND BUS:			YES			
225A			PRE-SALES			ISOL. GROUND BUS:			NO			
MAIN SIZE / TYPE:			NEMA RATING:			FEED THRU LUGS:			NO			
208Y/120V, 3PH, 4W			NEMA 1			SECTIONS:			2			
VOLTS/PHASE:			AFC VALUE:			AIC RATING:			10,000A FULLY RATED			
MOUNTING:			SURFACE			SECTION:			1 OF 1			
OKT #	CIRCUIT DESCRIPTION	BREAKER	WIRE SIZE	LOAD (VA)	CONNECTED PER PHASE (VA)	LOAD (VA)	WIRE SIZE	BREAKER	CIRCUIT DESCRIPTION	OKT #		
1	CHK COUNTER RCPT	20	1	12	360	360	0	1	20 SPARE	2		
2	CHK COUNTER RCPT	20	1	12	360	360	0	1	20 SPARE	4		
3	CHK COUNTER RCPT	20	1	12	360	360	0	1	20 SPARE	6		
4	SPARE	20	1	12	360	360	0	1	20 SPARE	8		
5	AUTOMATIC DOOR	20	1	12	1,200	1,200	0	1	20 SPARE (CUST)	10		
6	AUTOMATIC DOOR	20	1	12	1,200	1,200	0	1	20 SPARE (CUST)	12		
7	SALES MISC RCPT	20	1	12	540	540	0	1	20 SPARE	14		
8	SALES MISC RCPT	20	1	12	540	540	0	1	20 SPARE	16		
9	INFO CENTER	20	1	12	180	180	0	1	20 SPARE (CUST)	18		
10	DISPLAY FREEZER	20	1	10	1,368	1,368	0	1	20 PERMETER LTS (CUST)	20		
11	HABITAT POWER	20	1	12	280	882	602	12	20 PERMETER LTS (CUST)	22		
12	SPARE	20	1	12	0	500	500	12	20 TIELS END CAP (EMP)	24		
13	SPARE	20	1	12	0	0	0	1	20 SPARE (EMP)	26		
14	OFFICE	20	1	12	360	560	200	12	20 QUICK TAG (EMP)	28		
15	OFFICE	20	1	12	360	560	200	12	20 EWC (EMP)	30		
16	SOUND SYSTEM	20	1	12	200	400	200	12	20 DWH RECIRC PUMP (EMP)	32		
17	PRE-SALES RCPT	20	1	12	180	1,080	900	12	20 EF-1 (EMP)	34		
18	DOOR BUZZER	20	1	12	100	800	700	12	20 EF-2	36		
19	SPARE	20	1	12	0	700	700	12	20 EF-3	38		
20	SPARE - SMOKE DETECTORS	20	1	12	700	700	700	12	20 EF-4 (EMP)	40		
21	EF-6	20	1	12	700	1,400	700	12	20 EF-5	42		
PER PHASE SUB-TOTALS				11,552	16,246	14,986	LEGEND:					
TOTAL CONNECTED PANELBOARD (VA)				42,784			TS - VIA TIME SWITCH			ST - SHUNT TRIP		
TOTAL CONNECTED PANELBOARD (AMPS)				119			GF - GROUND FAULT INTERRUPTER			LCK - LOCKING TAB		
TOTAL PANELBOARD DEMAND (VA)				49,880			FA - FIRE ALARM / RED / LOCKING TAB			IG - ISOLATED GROUND		
TOTAL PANELBOARD DEMAND (AMPS)				138			EM - EMERGENCY LTG. / LOCKING TAB			OL - RE: ONE-LINE DIAGRAM		

PANELBOARD B												
BUS AMPS:			LOCATION:			GROUND BUS:			YES			
125A			PRE-SALES			ISOL. GROUND BUS:			NO			
MAIN SIZE / TYPE:			NEMA RATING:			FEED THRU LUGS:			NO			
208Y/120V, 3PH, 4W			NEMA 1			SECTIONS:			1 OF 1			
VOLTS/PHASE:			AFC VALUE:			AIC RATING:			10,000A FULLY RATED			
MOUNTING:			SURFACE			SECTION:			1 OF 1			
OKT #	CIRCUIT DESCRIPTION	BREAKER	WIRE SIZE	LOAD (VA)	CONNECTED PER PHASE (VA)	LOAD (VA)	WIRE SIZE	BREAKER	CIRCUIT DESCRIPTION	OKT #		
1	SPARE	20	1	12	180	180	12	1	20 HALLWAY RCPT	2		
2	PLANT TANK	20	1	12	500	860	360	12	20 POWER REPTILES	4		
3	KOI TANK	20	1	8	1,560	2,620	1,060	12	20 POWER REPTILES	6		
4	TURTLE TANK	20	1	8	1,560	1,060	12	1	20 POWER REPTILES	8		
5	POWER RCPTS	20	1	8	1,560	1,920	360	12	20 WORK ROOM RCPT	10		
6	POWER RCPTS	20	1	8	1,560	1,920	360	12	20 WORK ROOM RCPT	12		
7	POWER RCPTS	20	1	8	1,560	1,920	360	12	20 WORK ROOM RCPT	14		
8	POWER RCPTS	20	1	8	1,560	1,920	360	12	20 WORK ROOM RCPT	16		
9	POWER RCPTS	20	1	8	1,560	0	0	1	20 SPARE	18		
10	POWER RCPTS	20	1	8	1,560	1,740	180	12	20 FLOOR SCRUBBER	20		
11	POWER RCPTS	20	1	8	1,560	1,920	360	12	20 WORK/Wellness ROOM RCPT	22		
12	POWER RCPTS	20	1	8	1,560	2,000	440	12	20 WORK ROOM FREEZER RCPT	24		
13	POWER RCPTS	20	1	8	1,560	2,100	540	12	20 WELLNESS ROOM REFRIG RCPT	26		
14	SPARE	20	1	12	0	0	0	1	20 SPARE	28		
15	SPARE	20	1	12	0	360	360	12	20 WELLNESS ROOM RCPT	30		
16	SPARE	20	1	12	0	360	360	12	20 WELLNESS ROOM RCPT	32		
17	REPTILE FRIDGE RCPT	20	1	12	500	0	0	2	30 SPARE - ELECTRIC DRYER	34		
18	SPARE	20	1	12	0	120	120	12	20 GAS DRYER	36		
19	SPARE	20	1	12	0	120	120	12	20 GAS DRYER	38		
20	MEN'S RESTROOM HAND DRYER	20	1	12	1,500	2,000	500	12	20 GAS DRYER	40		
21	WOMEN'S RESTROOM HAND DRYER	20	1	12	1,500	2,000	500	12	20 WASHER	42		
PER PHASE SUB-TOTALS				9,040	9,120	10,480	LEGEND:					
TOTAL CONNECTED PANELBOARD (VA)				28,620			TS - VIA TIME SWITCH			ST - SHUNT TRIP		
TOTAL CONNECTED PANELBOARD (AMPS)				79			GF - GROUND FAULT INTERRUPTER			LCK - LOCKING TAB		
TOTAL PANELBOARD DEMAND (VA)				28,620			FA - FIRE ALARM / RED / LOCKING TAB			IG - ISOLATED GROUND		
TOTAL PANELBOARD DEMAND (AMPS)				79			EM - EMERGENCY LTG. / LOCKING TAB			OL - RE: ONE-LINE DIAGRAM		

PANEL SCHEDULES	04
REF.:	NO SCALE

PANELBOARD L												
BUS AMPS:			LOCATION:			GROUND BUS:			YES			
225A			PRE-SALES			ISOL. GROUND BUS:			NO			
MAIN SIZE / TYPE:			NEMA RATING:			FEED THRU LUGS:			NO			
480Y/277V, 3PH, 4W			NEMA 1			SECTIONS:			1 OF 1			
VOLTS/PHASE:			AFC VALUE:			AIC RATING:			65,000A FULLY RATED			
MOUNTING:			SURFACE			SECTION:			1 OF 1			
OKT #	CIRCUIT DESCRIPTION	BREAKER	WIRE SIZE	LOAD (VA)	CONNECTED PER PHASE (VA)	LOAD (VA)	WIRE SIZE	BREAKER	CIRCUIT DESCRIPTION	OKT #		
1	NITE/EMERGENCY/EXIT LTS	20	1	12	60	710	650	12	20 GROOMING/EMER LTS (GROOM)	2		
2	SPARE	20	1	12	0	200	200	12	20 WORK/EMER LTS (EMP)	4		
3	SALES/EMER LTS (STOCK)	20	1	12	750	1,250	500	12	20 PRE-SALES/EMER LTS (EMP)	6		
4	SALES/EMER LTS (CUST)	20	1	12	750	914	164	10	20 EXTERIOR WALL PACKS/EMER (SEC)	8		
5	SPARE (STOCK)	20	1	12	0	400	400	12	20 RESTROOMS/CORR/EMER LTS (EMP)	10		
6	SPARE (CUST)	20	1	12	0	100	100	12	20 OFFICE/EMER LTS (EMP)	12		
7	SALES/EMER LTS (STOCK)	20	1	12	650	650	0	1	20 SPARE (EMP)	14		
8	SALES/EMER LTS (CUST)	20	1	12	650	650	0	1	20 SPARE (EMP)	16		
9	SALES/EMER LTS (STOCK)	20	1	12	750	750	0	1	20 SPARE (EMP)	18		
10	SALES/EMER LTS (CUST)	20	1	12	800	800	0	1	20 SPARE (STOCK)	20		
11	SALES/EMER LTS (STOCK)	20	1	12	650	850	0	1	20 SPARE (CUST)	22		
12	SALES/EMER LTS (CUST)	20	1	12	600	600	0	1	20 SPARE (STOCK)	24		
13	SPARE (STOCK)	20	1	12	0	0	0	1	20 SPARE	26		
14	SPARE (CUST)	20	1	12	0	0	0	1	20 SPARE (SEC)	28		
15	SALES/EMER LTS (STOCK)	20	1	12	1,100	1,100	0	1	20 SPARE	30		
16	SALES/EMER LTS (CUST)	20	1	12	1,100	1,100	0	1	20 SPARE	32		
17	SPARE (STOCK)	20	1	12	0	0	0	1	20 SPARE	34		
18	SPARE (CUST)	20	1	12	0	0	0	1	20 SPARE	36		
19	SPARE	20	1	12	0	0	0	1	20 SPARE (PARK)	38		
20	SPARE	20	1	12	0	0	0	1	20 SPARE (PARK)	40		
21	VESTIBULE LTS (CUST)	20	1	12	150	150	0	1	20 SPARE (PARK)	42		
PER PHASE SUB-TOTALS				4,174	2,100	3,950	LEGEND:					
TOTAL CONNECTED PANELBOARD (VA)				10,224			TS - VIA TIME SWITCH			ST - SHUNT TRIP		
TOTAL CONNECTED PANELBOARD (AMPS)				12,780			GF - GROUND FAULT INTERRUPTER			LCK - LOCKING TAB		
TOTAL PANELBOARD DEMAND (VA)				15			FA - FIRE ALARM / RED / LOCKING TAB			IG - ISOLATED GROUND		
TOTAL PANELBOARD DEMAND (AMPS)				15			EM - EMERGENCY LTG. / LOCKING TAB			OL - RE: ONE-LINE DIAGRAM		

PANELBOARD G											
BUS AMPS:			LOCATION:			GROUND BUS:			YES		
225A			PRE-SALES			ISOL. GROUND BUS:			NO		