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DISTRIBUTION PANEL "100" 400 AMP MAIN BREAKER, SURFACE MOUNTED; BOTTOM FEED; EQUIPMENT GROUND BUS; WITH BRANCH BREAKERS AS FOLLOWS:
277/480V-3Ø-W (10,000 AMP I.C. RATING)

LOAD DESCRIPTION	TRIP FUSE SIZE	POLES	CRK	LOAD KW HP	AMPERES			LOAD KW HP	CRK	POLES	TRIP FUSE SIZE	LOAD DESCRIPTION
					A	B	C					
PANEL 100	400	3	1	-	73.2 272.4	71.8 258.2	87.5 306.3	-	2	3	200	SPACE
SPACE	40	3	3	-	9.8 33.8	9.8 33.8	18.2 63.2	-	4	3	400	SPACE
SPACE	110	3	5	60 HP	77 26.2	77 26.2	77 26.2	40 HP	6	3	80	SPACE
SPACE	60	3	7	-	-	-	-	-	8	3	20	SPACE
SPACE	60	3	9	-	-	-	-	-	10	3	20	PHASE 10
AHU-1 Return	80	3	11	-	-	-	-	-	12	3	40	PANEL 13, TRANSFORMER
AHU-1 Supply	110	3	13	-	-	-	-	-	14	3	30	SPACE
PANEL 100, ATS, Breaker	60	3	15	-	-	-	-	-	16	3	100	MAIN BREAKER
					720.4	666.3	697.2					

DISTRIBUTION PANEL "100" 400 AMP MAIN BREAKER, SURFACE MOUNTED; BOTTOM FEED; EQUIPMENT GROUND BUS; WITH BRANCH BREAKERS AS FOLLOWS:
277/480V-3Ø-W (10,000 AMP I.C. RATING)

LOAD DESCRIPTION	TRIP FUSE SIZE	POLES	CRK	LOAD KW HP	AMPERES			LOAD KW HP	CRK	POLES	TRIP FUSE SIZE	LOAD DESCRIPTION
					A	B	C					
Pool Pump-1	60	3	1	10 HP	14 14	14 14	14 14	10 HP	2	3	60	POOL PUMP-1
HWP-1	30	3	3	30 HP	40 40	40 40	40 40	30 HP	4	3	60	SPACE
Dryer	50	3	5	30 HP	40 40	40 40	40 40	30 HP	6	3	30	HWP-1
SPACE	30	3	7	-	-	-	-	-	8	3	50	SPACE (FUTURE SPARKER)
SPACE	20	3	9	15 HP	7.8 7.8	7.8 7.8	7.8 7.8	5 HP	10	3	20	AHU-2
CHP-1	60	3	11	30 KW	38 38	38 38	38 38	-	12	3	80	AHU-3
CHP-2	40	3	13	5 HP	7.8 7.8	7.8 7.8	7.8 7.8	-	14	3	30	HWP
					236.2	236.2	236.2					

PANEL "11" (TAB. 1) 400 AMP MAIN BREAKER, SURFACE MOUNTED; BOTTOM FEED; EQUIPMENT GROUND BUS; WITH BRANCH BREAKERS AS FOLLOWS:
120/208V-3Ø-W (10,000 AMP I.C. RATING) (FEED THRU LUIS)

LOAD DESCRIPTION	TRIP FUSE SIZE	POLES	CRK	LOAD KW HP	AMPERES			LOAD KW HP	CRK	POLES	TRIP FUSE SIZE	LOAD DESCRIPTION
					A	B	C					
FOO-2,3,4,5	20	1	1	1.0	8.3 8.3	8.3 8.3	8.3 8.3	1.0	2	3	20	OZONE PUMP 3+4
ELECTRIC ROOM RECEPTACLE	20	1	3	1.0	8.3 8.3	8.3 8.3	8.3 8.3	1.0	4	3	20	OZONE PUMP 3+4
PUR-1	20	1	5	-	-	-	-	6	3	20	OZONE PUMP 3+4	
SCHEMATIC RECEPTACLE	20	1	7	-	-	-	-	7.2	8	3	20	BOILER-1
OZONE PUMP 1+2	20	3	9	-	-	-	-	10	3	20	BOILER-2	
Ozone Pump 1+2	20	3	11	-	-	-	-	12	12	3	20	BOILER-3
Ozone Pump 1+2	20	3	13	1.0	8.3 8.3	8.3 8.3	8.3 8.3	1.0	14	1	20	EXHAUST FAN-2
RECEPTACLE 123, 124	20	1	15	90	7.3 6.3	7.3 6.3	7.3 6.3	90	14	1	20	EXHAUST FAN-1
RECEPTABLES 124, 125	20	1	17	54	4.5 6	4.5 6	4.5 6	72	18	1	20	RECEPTABLES 117, 125
DOP-1	20	1	19	72	6 8.3	6 8.3	6 8.3	11	20	1	20	BOILER-2
RECEPTABLES 117, 118, WH-1	20	1	21	48	4 3.3	4 3.3	4 3.3	42	22	1	20	WATER HEATER-2
DOP-2	20	1	23	1.3	11.2 4	11.2 4	11.2 4	48	24	1	20	SPARE
EMERGENCY BOILER SWITCH	20	1	25	1/2 HP	9.8 7.2	9.8 7.2	9.8 7.2	1/3 HP	28	3	20	TIMING CONTROL RECEPTABLES
Ozone Generator	30	3	27	1/4 HP	7.3 7.2	7.3 7.2	7.3 7.2	1/3 HP	28	3	20	TIMING CONTROL RECEPTABLES
Ozone Generator	30	3	29	1/4 HP	11.6 11.6	11.6 11.6	11.6 11.6	2 0 1/4 HP	30	1	20	SPARE
RECEPTABLES, AHU, PUM-3	20	1	31	1.8	13.3 11.8	13.3 11.8	13.3 11.8	2 0 1/4 HP	32	1	20	MECHANICAL ROOM TOP
SDR PANEL MEASUREMENT TOP	20	1	33	-	-	-	-	2 0 1/4 HP	34	1	20	REPAIR & COMMUNICATION RECEPTABLES
EXHAUST FAN 4	20	1	35	1.2	10 10	10 10	10 10	36	1	20	FCU-1, 2, 6	
ICE MACHINE	20	3	37	1/4 HP	3.3 6.0	3.3 6.0	3.3 6.0	720	38	1	20	SOUND SYSTEM
ICE MACHINE	20	3	39	-	13 13	13 13	13 13	40	3	30	20	OZONE GENERATOR
ICE MACHINE	20	3	41	-	13 13	13 13	13 13	42	3	30	20	OZONE GENERATOR
					101.2	77	81.9					

PANEL "12" (TAB. 2) 400 AMP MAIN LUIS ONLY, SURFACE MOUNTED; TOP FEED; EQUIPMENT GROUND BUS; WITH BRANCH BREAKERS AS FOLLOWS:
120/208V-3Ø-W (10,000 AMP I.C. RATING)

LOAD DESCRIPTION	TRIP FUSE SIZE	POLES	CRK	LOAD KW HP	AMPERES			LOAD KW HP	CRK	POLES	TRIP FUSE SIZE	LOAD DESCRIPTION
					A	B	C					
MECHANICAL ROOM RECEPTABLES	20	1	43	-	11.8 7.8	11.8 7.8	11.8 7.8	4	4	20	44	SPACE
FLOW METER	30	3	45	4.2	11.8 7.8	11.8 7.8	11.8 7.8	2 HP	4	3	20	WREST POOL LIGHTS
FCU-7, 8, 9, 10	20	1	47	-	11.6 7.8	11.6 7.8	11.6 7.8	-	4	3	20	ELECTRIC EXTRACTOR TIME CLOCK
GENERATOR BATTERY CHARGER	20	3	49	-	16 16	16 16	16 16	-	5	3	20	SPACE
SPARE	30	3	51	-	16 16	16 16	16 16	-	5	3	30	EAST POOL LIGHTS
SPARE	30	3	53	-	16 16	16 16	16 16	-	5	3	30	POOL CONTROL INTERFACE
EXHAUST FAN-2	20	1	55	-	25 25	25 25	25 25	-	5	3	20	SCOREBOARD
EXHAUST FAN-1	20	1	57	2 0 4 HP	25 25	25 25	25 25	-	5	3	50	SCOREBOARD
RECEPTABLES 117, 125	20	1	59	-	25 25	25 25	25 25	-	5	3	20	SCOREBOARD
BOILER-2	20	3	61	-	-	-	-	-	6	1	20	SPARE
WATER HEATER-2	20	3	63	-	-	-	-	-	6	1	20	SPARE
EXHAUST FAN-3	20	1	65	-	-	-	-	-	6	1	20	SPARE
EXHAUST FAN-3	20	1	67	-	-	-	-	-	6	1	20	SPARE
CHLORINATOR PUMP	20	1	69	-	-	-	-	-	6	1	20	SPARE
EXHAUST FAN-1	20	1	71	-	-	-	-	-	6	1	20	HOT TUB ENERGY SHUTOFF
EXHAUST FAN-7+8	20	1	73	-	-	-	-	-	6	1	20	SPARE
EXHAUST FAN-11+12	20	1	75	-	-	-	-	-	6	1	20	SPARE
EXHAUST FAN-13+14	20	1	77	-	-	-	-	-	6	1	20	HOT TUB
EXHAUST FAN-9+10	20	1	79	-	-	-	-	-	6	1	20	HOT TUB
PANEL "12"	100	3	81	-	86.3 66	86.3 66	86.3 66	-	8	3	100	SPACE
					161.4	142.7	142.4					
					272.4	219.7	228.3					

PANEL "13" 100 AMP MAIN LUIS ONLY, FLUSH MOUNTED; BOTTOM FEED; EQUIPMENT GROUND BUS; WITH BRANCH BREAKERS AS FOLLOWS:
120/208V-3Ø-W (10,000 AMP I.C. RATING)

LOAD DESCRIPTION	TRIP FUSE SIZE	POLES	CRK	LOAD KW HP	AMPERES			LOAD KW HP	CRK	POLES	TRIP FUSE SIZE	LOAD DESCRIPTION
					A	B	C					
HALLWAY 116 + MECHANICAL ROOM RECEPTABLES	20	1	1	0.72	6 7.5	6 7.5	6 7.5	0.8	2	1	20	HALLWAY 116 + MECHANICAL ROOM RECEPTABLES
MECH VENTILATION SYSTEM RECEPTABLES	20	1	3	0.54	4.5 6	4.5 6	4.5 6	0.72	4	1	20	MECH VENTILATION SYSTEM RECEPTABLES
MECH EQUIPMENT DRIVER	20	1	5	0.36	6 4.5	6 4.5	6 4.5	0.54	6	1	20	MECH EQUIPMENT DRIVER
RECEPTABLES	20	1	7	0.60	5 6	5 6	5 6	0.72	8	1	20	POOL CONTROL DECK + STAIRCASE RECEPTABLES
WATER HEATER 1 + MECHANICAL ROOM RECEPTABLES	20	1	9	0.96	8 6	8 6	8 6	1.2	10	1	20	WATER HEATER 1 + MECHANICAL ROOM RECEPTABLES
PUBLIC RESTROOM RECEPTABLES	20	1	11	0.78	6.5 9	6.5 9	6.5 9	1.08	12	1	20	CONCESSION RECEPTABLES
CONCOURSE OFFICE RECEPTABLES	20	1	13	1.5	12.5 6	12.5 6	12.5 6	1.2	14	1	20	LOBBY RECEPTABLES + MECHANICAL ROOM
CONCOURSE OFFICE RECEPTABLES	20	1	15	0.78	6 9	6 9	6 9	1.08	16	1	20	CONCESSION DECK + MECH EQUIPMENT DRIVER
CONCOURSE OFFICE RECEPTABLES	20	1	17	1.0	8.5 8.5	8.5 8.5	8.5 8.5	1.0	18	1	20	TEP
CONCOURSE OFFICE RECEPTABLES	20	1	19	1/3 HP	7.2 13.8	7.2 13.8	7.2 13.8	3/4 HP	20	1	20	HALLWAY 116 + MECH RECEPTABLE
CONCOURSE OFFICE RECEPTABLES	20	1	21	1.0	8.3 3	8.3 3	8.3 3	1.08	22	1	20	SPARE
CONCOURSE OFFICE RECEPTABLES	20	1	23	0.6	5 6	5 6	5 6	0.72	24	1	20	SPARE
EXHAUST FAN-5	20	1	25	-	-	-	-	-	26	1	20	EXHAUST FAN-6
CONFERENCE CENTER RECEPTABLES	20	1	27	-	-	-	-	-	28	1	20	SPARE
CONFERENCE DIAMOND RECEPTABLES	20	1	29	-	-	-	-	-	30	1	20	SPARE
FACE	20	1	31	-	-	-	-	-	32	1	20	CONCESSION + LOBBY RECEPTABLES, MECHANICAL ROOM
CONFERENCE ROOM RECEPTABLES	20	1	33	-	-	-	-	-	34	1	20	SPARE
CONFERENCE ROOM RECEPTABLES	20	1	35	-	-	-	-	-	36	1	20	SPARE
WASHER	25	3	37	3 HP	15 15	15 15	15 15	-	40	-	-	SPACE
					79	66.3	66					

PANEL "14" 80 AMP MAIN LUIS ONLY, SURFACE MOUNTED; BOTTOM FEED; EQUIPMENT GROUND BUS; WITH BRANCH BREAKERS AS FOLLOWS:
277/480V-3Ø-W (10,000 AMP I.C. RATING)

LOAD DESCRIPTION	TRIP FUSE SIZE	POLES	CRK	LOAD KW HP	AMPERES			LOAD KW HP	CRK	POLES	TRIP FUSE SIZE	LOAD DESCRIPTION
					A	B	C					
SPACE	1	1	1	-	9.6 9.6	9.6 9.6	9.6 9.6	-	2	3	-	SEWER
SPACE	20	3	3	3 HP	9.6 9.6	9.6 9.6	9.6 9.6	4	3	-	-	ELECTRIC
SPACE	3	3	3	-	9.6 9.6	9.6 9.6	9.6 9.6	6	3	-	-	PUMP
MECHANICAL + SERVICE AREA LIGHTING	20	1	7	-	-	-	-	-	8	-	-	POOL TOWER STAIRWELL
SPACE	10	1	9	-								