

PANEL MDP-1 SCHEDULE

LOCATION: POOL EQUIPMENT ROOM
RATINGS: 208/120 VOLTS 2500 AMPS 4 WIRE 3 PHASE 60 HZ.
MAIN CIRCUIT BREAKER: 2500
MAIN LUGS 2500
72 POLE SPACES
PANEL FEEDER SIZE: 6 SETS (4-600MCM, 1-350 GND)
INTERRUPTING RATING: 65000 RMS. SYMM. AMPS
INSTALLATION: FREE STANDING, FRONT ACCESS

DESCRIPTION	WIRE	CB AMPS	CIR	A B C	CIR	CB AMPS	WIRE	DESCRIPTION
PANEL EM-1 (ATS-1)	4-3/0, 1#6	200	1	2	2	400	4-600, 1#3	PANEL SP-1 (ATS-2)
			3	4	4			
			5	6	6			
DOAU	4-3/0, 1#6	200	7	8	8	200	4-3/0, 1#6	PANEL PP1A
			9	10	10			
			11	12	12			
PANEL LP-1	4-#4, 1#8	200	13	14	14	400	4-600, 1#3	PANEL PP-1C
			15	16	16			
			17	18	18			
PANEL LP2A, LP2B, LP2C	4-600, 1-3/0	400	19	20	20	400	4-600, 1-3/0	PANEL HP2A, HP2B
			21	22	22			
			23	24	24			
PANEL LP3A, LP3B, LP3C	4-600, 1-3/0	400	25	26	26	400	4-600, 1-3/0	PANEL HP3A, HP3B
			27	28	28			
			29	30	30			
PANEL LP4A, LP4B, LP4C	4-600, 1-3/0	400	31	32	32	400	4-600, 1-3/0	PANEL HP4A, HP4B
			33	34	34			
			35	36	36			
PANEL LP5A, LP5B, LP5C	4-600, 1-3/0	400	37	38	38	400	4-600, 1-3/0	PANEL HP5A, HP5B
			39	40	40			
			41	42	42			
CAR CHARGERS --- VERIFY POWER REQUIREMENTS	4-3/0, 1#6	200	43	44	44	200	4-3/0, 1#6	HP-1
			45	46	46			
			47	48	48			
SPACE		400	49	50	50	400		SPACE
			51	52	52			
			53	54	54			

PANEL SP-1 SCHEDULE

LOCATION: ELECTRIC 105
RATINGS: 208/120 VOLTS 400 AMPS 4 WIRE 3 PHASE 60 HZ.
MAIN CIRCUIT BREAKER: MLO
MAIN LUGS 200
42 POLE SPACES
PANEL FEEDER SIZE: SEE PANEL MDP
INTERRUPTING RATING: 25000 RMS. SYMM. AMPS
INSTALLATION: RECESSED

DESCRIPTION	WIRE	CB AMPS	CIR	A B C	CIR	CB AMPS	WIRE	DESCRIPTION
KITCHEN PANEL KP-1	1-350, 1#14	300	1		2	30	3#8, 1#8	SITE / PARKING LOT LIGHTING (LC-1)
KITCHEN PANEL KP-1	1-350, 1#14	300	3		4	30	3#8, 1#8	SITE / PARKING LOT LIGHTING (LC-1)
KITCHEN PANEL KP-1	1-350, 1#14	300	5		6	30	3#8, 1#8	SITE / PARKING LOT LIGHTING (LC-1)
PORTE COCHERE LIGHTING (LC-1)	2#12, 1#12	20	7		8	20	2#12, 1#12	DATA 118 FC-6
LIGHTING CONTACTOR (LC-1)	2#12, 1#12	20	9		10	20	2#12, 1#12	DATA 118 QUAD RECEPT
FRONT DESK RECEPTACLE	2#12, 1#12	20	11		12	20	2#12, 1#12	DATA 118 QUAD RECEPT
FRONT DESK QUAD	2#12, 1#12	20	13		14	20	2#12, 1#12	DATA 118 QUAD RECEPT
FRONT DESK RECEPTACLE	2#12, 1#12	20	15		16	20	2#12, 1#12	CRATE RECEPTACLE , EF-2
FRONT DESK QUAD	2#12, 1#12	20	17		18	20	2#12, 1#12	CRATE RECEPTACLE , EF-2
OFFICE 121 RECEPTACLES	2#12, 1#12	20	19		20	20	2#12, 1#12	CRATE RECEPTACLE
OFFICE 122 RECEPTACLES	2#12, 1#12	20	21		22	20	3#12, 1#12	WORK 123 FC-5
WORK 123 RECEPTACLES	2#12, 1#12	20	23		24	-	-	-
WORK 123 RECEPTACLES	2#12, 1#12	20	25		26	20	3#12, 1#12	LOUNGE 101 FC-7
VESTIBULE 120 RECETACLE	2#12, 1#12	20	27		28	-	-	-
WATER SERVICE RECEPTACLES	2#12, 1#12	20	29		30	20	3#12, 1#12	LOUNGE 101 FC-9
WATER BOOSTER PUMP RECEPTACLES	4#10, 1#10	35	31		32	-	-	-
WATER BOOSTER PUMP RECEPTACLES	4#10, 1#10	35	33		34	20	2#12, 1#12	ELECTRICAL ROOM RECEPTACLE / EF-4
WATER BOOSTER PUMP RECEPTACLES	4#10, 1#10	35	35		36	20	-	SPARE
WATER HEATER / MIXING VALVE	2#12, 1#12	20	37		38	20	-	SPARE
SPARE	-	20	39		40	20	-	SPARE
SPARE	-	20	41		42	20	-	SPARE

PANEL PP1A SCHEDULE

LOCATION: ELECTRICAL 105
RATINGS: 208/120 VOLTS 200 AMPS 4 WIRE 3 PHASE 60 HZ.
MAIN CIRCUIT BREAKER: MLO
MAIN LUGS 200
42 POLE SPACES
PANEL FEEDER SIZE: SEE PANEL MDP
INTERRUPTING RATING: 25000 RMS. SYMM. AMPS
INSTALLATION: RECESSED

DESCRIPTION	WIRE	CB AMPS	CIR	A B C	CIR	CB AMPS	WIRE	DESCRIPTION
OUTDOOR RECEPTACLES	2#12, 1#12	20	1		2	20	3#12, 1#12	EW-1 - STAIR 2
OUTDOOR RECEPTACLES	2#12, 1#12	20	3		4	20	3#12, 1#12	EW-1 - CORRIDOR 106
PATIO RECEPTACLES	2#12, 1#12	20	5		6			
PATIO RECEPTACLES	2#12, 1#12	20	7		8			
MEETING 102 RECEPTACLES	2#12, 1#12	20	9		10	20	3#10, 1#10	LOUNGE 101 DBC - 38
MEETING 120 RECEPTACLES	2#12, 1#12	20	11		12			
MEETING 120 RECEPTACLES	2#12, 1#12	20	13		14			
MEETING 120 RECEPTACLES	2#12, 1#12	20	15		16	20	3#12, 1#12	LOUNGE 101 DBC - 18
MEETING 120 RECEPTACLES	2#12, 1#12	20	17		18			
MEETING 120 RECEPTACLES	2#12, 1#12	20	19		20			
CORRIDOR 106 RECEPTACLES	2#12, 1#12	20	21		22	20	3#12, 1#12	MEETING 102 FC-10
MEN/WOMEN 108 / 110 RECEPTACLES	2#12, 1#12	20	23		24			
CORRIDOR 106 MULTI- RECEPTACLES	2#12, 1#12	20	25		26			
LOUNGE 101 RECEPTACLES	2#12, 1#12	20	27		28	20	2#12, 1#12	COLLABORATION RECEPTACLES
LOUNGE 101 RECEPTACLES	2#12, 1#12	20	29		30			
LOUNGE 101 RECEPTACLES	2#12, 1#12	20	31		32			
MEDIA PODS RECEPTACLES	2#12, 1#12	20	33		34	-	-	SPARE
MEDIA PODS RECEPTACLES	2#12, 1#12	20	35		36	-	-	SPARE
MEDIA PODS RECEPTACLES	2#12, 1#12	20	37		38	-	-	SPARE
WATER SERVICE / HEATER EH-2	2#12, 1#12	20	39		40	-	-	SPARE
SPARE	-	20	41		42	-	-	SPARE
SPARE	-	20	43		44	-	-	SPARE

PANEL PP1B SCHEDULE

LOCATION: LAUNDRY ROOM
RATINGS: 208/120 VOLTS 200 AMPS 4 WIRE 3 PHASE 60 HZ.
MAIN CIRCUIT BREAKER: MLO
MAIN LUGS 200
42 POLE SPACES
PANEL FEEDER SIZE: SEE PANEL MDP
INTERRUPTING RATING: 25000 RMS. SYMM. AMPS
INSTALLATION: RECESSED

DESCRIPTION	WIRE	CB AMPS	CIR	A B C	CIR	CB AMPS	WIRE	DESCRIPTION
WASHER 1	4#8, 1#8	40	1		2	20	4#12, 1#12	DRYER 1
			3		4			
			5		6			
WASHER 2	4#8, 1#8	40	7		8	20	4#12, 1#12	DRYER 2
			9		10			
			11		12			
WASHER 3	4#8, 1#8	40	13		14	20	4#12, 1#12	DRYER 3
			15		16			
			17		18			
DRYER DAMPER MOTOR	2#12, 1#12	20	19		20	20	-	SPARE
BREAK ROOM REFRIGERATOR	2#12, 1#12	20	21		22	20	2#12, 1#12	LAUNDRY RECEPTACLES
BREAK ROOM RECEPTACLES	2#12, 1#12	20	23		24	20	2#12, 1#12	LAUNDRY RECEPTACLES
BREAK ROOM COUNTER RECEPTACLES	2#12, 1#12	20	25		26	20	3#12, 1#12	ENGINEER FC-4
OFFICE RECEPTACLES FC-2	2#12, 1#12	20	27		28			
BREAK ROOM & OFFICE LIGHTING FC-1	2#12, 1#12	20	29		30	20	2#12, 1#12	TOILET 132, 1138 RECEPTACLES
ELEVATOR 1 SUMP PUMP	2#12, 1#12	20	31		32	20	2#12, 1#12	LAUNDRY RECEPTACLES
ELEVATOR 2 SUMP PUMP, RECEPTACLE	2#12, 1#12	20	33		34	20	2#12, 1#12	GUEST LAUNDRY WASHER
ENGINEER 126, RECEPTACLE , FC-4	2#12, 1#12	20	35		36	20	2#12, 1#12	GUEST LAUNDRY DRYER
CORRIDOR, RECEPTACLE	2#12, 1#12	20	37		38	20	-	SPARE
SPARE	-		39		40	20	-	SPARE
SPARE	-		41		42	20	-	SPARE

PANEL PP1C SCHEDULE

LOCATION: POOL EQUIPMENT ROOM
RATINGS: 208/120 VOLTS 200 AMPS 4 WIRE 3 PHASE 60 HZ.
MAIN CIRCUIT BREAKER: MLO
MAIN LUGS 200
42 POLE SPACES
PANEL FEEDER SIZE: SEE PANEL MDP
INTERRUPTING RATING: 25000 RMS. SYMM. AMPS
INSTALLATION: SURFACE

DESCRIPTION	WIRE	CB, AMPS	CIR	A B C	CIR	CB, AMPS	WIRE	DESCRIPTION
POOL HVAC NDU-1	4#3, 1#6	80	1		2	15	4#12, 1#12	POOL HVAC C-2 CONDENSOR
			3		4			
			5		6			
POOL EQUIPMENT *	3#12, 1#12	20	7		8	20	4#12, 1#12	POOL EQUIPMENT *
			9		10			
			11		12			
POOL EQUIPMENT *	2#12, 1#12	20	13		14	20	2#12, 1#12	POOL EQUIPMENT *
POOL EQUIPMENT *	2#12, 1#12	20	15		16	20	2#12, 1#12	POOL EQUIPMENT *
SPACE		20	17		18	20	2#12, 1#12	POOL RECEPTACLES
SPACE		20	19		20	20	2#12, 1#12	POOL RECEPTACLES
EQUIP RM/TOILET LIGHTING, EXHAUST FAN	2#12, 1#12	20	21		22	20	2#12, 1#12	EQUIPMENT ROOM RECEPTACLES / FANS
FITNESS 142 EQUIPMENT RECEPTACLE	2#12, 1#12	20	23		24	20	2#12, 1#12	FITNESS 142 RECEPTACLES
FITNESS 142 EQUIPMENT RECEPTACLE	2#12, 1#12	20	25		26	20	2#12, 1#12	FITNESS 142 RECEPTACLES
FITNESS 142 EQUIPMENT RECEPTACLE	2#12, 1#12	20	27		28	20	3#12, 1#12	FITNESS 142 FC-11
FITNESS 142 EQUIPMENT RECEPTACLE	2#12, 1#12	-	29		30			
FITNESS 142 EQUIPMENT RECEPTACLE	2#12, 1#12	20	31		32	20	2#12, 1#12	FITNESS 142 EXHAUST FAN
FITNESS 142 EQUIPMENT RECEPTACLE	2#12, 1#12	20	33		34	20	-	SPARE
FITNESS 142 EQUIPMENT RECEPTACLE	2#12, 1#12	20	35		36	20	-	SPARE
SPARE	-	20	37		38	20	-	SPARE
SPARE	-	20	39		40	20	-	SPARE
SPARE	-	20	41		42	20	-	SPARE

* - COORDINATE BREAKER AND WIRE SIZE WITH POOL MANUFACTURER AND INSTALLER

PANEL KP1 SCHEDULE

LOCATION: FOOD PREP 116
RATINGS: 208/120 VOLTS 200 AMPS 4 WIRE 3 PHASE 60 HZ.
MAIN CIRCUIT BREAKER: MLO
MAIN LUGS 200
42 POLE SPACES
PANEL FEEDER SIZE: SEE PANEL MDP
INTERRUPTING RATING: 25000 RMS. SYMM. AMPS
INSTALLATION: RECESSED

DESCRIPTION	WIRE	CB. AMPS	CIR	A B C	CIR	CB. AMPS	WIRE	DESCRIPTION			
COOLER COMPRESSOR	4#12, 1#12	20	1		2	20	4#12, 1#12	FREEZER COMPRESSOR			
			3		4						
			5		6						
COFFEE MAKER	3#8, 1#8	50	7		8	20	2#12, 1#12	STOVE			
			9		10				20	2#12, 1#12	ICE MAKER
DISHWASHER	4#8, 1#8	50	11		12	50	3#8, 1#8	GARBAGE DISPOSAL			
			13		14				20	2#12, 1#12	FOOD PREP RECEPTACLES
			15		16						
PREP 107 FC-8	3#12, 1#12	20	17		18	20	2#12, 1#12	FOOD PREP RECEPTACLES			
			19		20				20	2#12, 1#12	FOOD PREP RECEPTACLES
			21		22						
EXHAUST FAN	2#12, 1#12	20	23		24	20	2#12, 1#12	FOOD PREP RECEPTACLES			
SPARE	2#12, 1#12	20	25		26				20	2#12, 1#12	FOOD PREP RECEPTACLES
SPARE	2#12, 1#12	20	27		28	20	2#12, 1#12	FOOD PREP RECEPTACLES			
BAR POS	2#12, 1#12	20	29		30				20	2#12, 1#12	FOOD PREP RECEPTACLES
BAR GLASS WASHER	2#12, 1#12	20	31		32	20	2#12, 1#12	FOOD PREP RECEPTACLES			
BAR REFRIGERATOR	2#12, 1#12	20	33		34				20	2#12, 1#12	FOOD PREP RECEPTACLES
BAR RECEPTACLES	2#12, 1#12	20	35		36	20	2#12, 1#12	FOOD PREP RECEPTACLES			
SPARE	-	20	37		38				20	-	SPARE
KITCHEN EXHAUST HOOD	*	37	39		40	20	-	SPARE			
SPARE	-	20	41		42				20	-	SPARE
SPARE	-	20	42		43	20	-	SPARE			

* COORDINATE BREAKER AND WIRE SIZE WITH EXHAUST HOOD MFR.

PANEL LP1 SCHEDULE

LOCATION: VESTIBULE 120
RATINGS: 208/120 VOLTS 200 AMPS 4 WIRE 3 PHASE 60 HZ.
MAIN CIRCUIT BREAKER: MLO
MAIN LUGS 200
42 POLE SPACES
PANEL FEEDER SIZE: SEE PANEL MDP
INTERRUPTING RATING: 25000 RMS. SYMM. AMPS
INSTALLATION: RECESSED

DESCRIPTION	WIRE	CB AMPS	CIR	A	B	C	CIR	CB AMPS	WIRE	DESCRIPTION
STORAGE 112, WH 111, WTR SRVC 113, LIGHTING	2#12, 1#12	20	1	●	●	●	2	20	2#12, 1#12	COLLABORATION 117 LIGHTING (DIM)
LOUNGE 101, DEC LIGHTING (DIM)	2#12, 1#12	20	3	●	●	●	4	20	2#12, 1#12	BAR LIGHTING (DIM)
LAUNDRY 129, LIGHTING	2#12, 1#12	20	5	●	●	●	6	20	2#12, 1#12	BREAK RM. / OFFICE LIGHTING
POOL EQUIPT / STOR/LAUNDRY, LIGHTING	2#12, 1#12	20	7	●	●	●	8	20	2#12, 1#12	ELEVATOR PIT LIGHTING / RECEPTACLE
PATIO LIGHTING (LL-C-1)	2#12, 1#12	20	9	●	●	●	10	20	2#12, 1#12	ELEVATOR 1 SUMP PUMP
VERTICAL FACADE LIGHTING (LL-C-1)	2#12, 1#12	20	11	●	●	●	12	20	2#12, 1#12	ELEVATOR 2 SUMP PUMP
FITNESS CENTER 142 LIGHTING (DIM)	2#12, 1#12	20	13	●	●	●	14	20	2#12, 1#12	DINING DECORATIVE LIGHTING (DIM)
SPARE	-	20	15	●	●	●	16	20	-	
SPARE	-	20	17	●	●	●	18	20	-	
SPARE	-	20	19	●	●	●	20	20	-	
SPARE	-	20	21	●	●	●	22	20	-	
SPARE	-	20	23	●	●	●	24	20	-	
SPARE	-	20	25	●	●	●	26	20	-	
SPARE	-	20	27	●	●	●	28	20	-	
SPARE	-	20	29	●	●	●	30	20	-	
SPARE	-	20	31	●	●	●	32	20	-	
SPARE	-	20	33	●	●	●	34	20	-	
SPARE	-	20	35	●	●	●	36	20	-	
SPARE	-	20	37	●	●	●	38	20	-	
SPARE	-	20	39	●	●	●	40	20	-	
SPARE	-	20	41	●	●	●	42	20	-	