

Panel: EM

Voltage: 120/208 Wye
Phases: 3
Wires: 4
Enclosure: Type 1

A.I.C. Rating: 2K
Mounting: Surface
Feeder Rating: 60 A
Panel Rating: 100 A, MLO

BRKR	Notes	Circuit Description	CKT	A (VA)	B (VA)	C (VA)	CKT	Circuit Description	Notes	BRKR
20 A	1	CAB LIGHTS ELEVATOR A	1	1000 / 0			2	SPACE		
20 A	1	LTSREC - ELEVATOR A	3		238 / 0		4	SPACE		
20 A	1	LTSREC - ELEVATOR B	5		238 / 0		6	SPACE		
20 A	1	CAB LIGHTS ELEVATOR B	7	1000 / 0			8	SPACE		
---	---	SPACE	9		0 / 0		10	SPACE		
---	---	SPACE	11	2000 VA	238 VA	0 / 0	12	SPACE		

Panel Totals:
 Connected Load: 112 VA
 Demand Factor: 125.00%
 Demand Load: 140 VA

Panel: HVAC

Voltage: 120/208 Wye
Phases: 3
Wires: 4
Enclosure: Type 1

A.I.C. Rating: 4K
Mounting: Surface
Feeder Rating: 25 A, MLO

BRKR	Notes	Circuit Description	CKT	A (VA)	B (VA)	C (VA)	CKT	Circuit Description	Notes	BRKR
20 A	1	ROOF EXHAUST FAN	1	1590 / 2704			2	CU-1		2
20 A	1	ROOF EXHAUST FAN	3		1590 / 2704		4	CU-1		4
20 A	1	ROOF EXHAUST FAN	5			1590 / 2278	6	CU-2		6
20 A	1	ROOF EXHAUST FAN	7	1590 / 2278			8	CU-2		8
20 A	1	ROOF EXHAUST FAN	9		1590 / 1194		10	CU-3		10
45 A	3	ROOF MAU	11			3579 / 1945	12	CU-3		12
45 A	3	ROOF MAU	13	3579 / 2278			14	CU-4		14
45 A	3	ROOF MAU	15		3579 / 2278		16	CU-4		16
45 A	3	ROOF MAU	17			3579 / 1903	18	HP-1		18
45 A	3	ROOF MAU	19	3579 / 1903			20	HP-1		20
20 A	1	REC - ROOF TOP	21		3579 / 0		22	SPACE		
---	---	SPACE	25		0 / 0		26	SPACE		
---	---	SPACE	27		0 / 0		28	SPACE		
---	---	SPACE	29	19500 VA	17264 VA	15993 VA	30	SPACE		

Panel Totals:
 Connected Load: 47830 VA
 Demand Factor: 100.00%
 Demand Load: 47830 VA

Panel: KP

Voltage: 120/208 Wye
Phases: 3
Wires: 4
Enclosure: Type 1

A.I.C. Rating: 65K SERIES
Mounting: RECESSED
Feeder Rating: 150 A
Panel Rating: 225 A, MLO

BRKR	Notes	Circuit Description	CKT	A (VA)	B (VA)	C (VA)	CKT	Circuit Description	Notes	BRKR
20 A	1	DISP. FREEZER [1]	1	1080 / 1300			2	WAFLE IRON [7]		20 A
20 A	1	DISP. REFRIGERATOR [2]	3		624 / 180		4	BATHE MIX STARTER KIT [11]		20 A
20 A	1	JUICE DISPENSER [5]	5			1500 / 1152	6	BATCH FREEZER [14]		20 A
20 A	1	UC DISP. REF. FRIG [4]	7	488 / 648			8	DECHLORINER [20]		20 A
20 A	1	WARMING KETTLE [3]	9		800 / 0		10	SPARE		20 A
20 A	1	REFRIG COLD WELL [6]	11			1000 / 756	12	UC DISHWASHER [30]		35 A
20 A	1	MICROWAVE OVEN [6a]	13	1200 / 3483			14	UC DISHWASHER [30]		35 A
20 A	1	MICROWAVE OVEN [6b]	15		1200 / 3483		16	COFFEE MAKER [14]		50 A
20 A	1	CONVEYOR TOASTER [10]	17			1725 / 5050	18	COFFEE MAKER [14]		50 A
20 A	1	TOWEL DISPENSER	19	1000 / 5050			20	SPACE		
20 A	1	FOOD DISPOSAL	21		1000 / 0		22	SPACE		
20 A	1	SPACE	23		0 / 0		24	SPACE		
---	---	SPACE	25		0 / 0		26	SPACE		
---	---	SPACE	27		0 / 0		28	SPACE		
---	---	SPACE	29	14229 VA	7291 VA	14170 VA	30	SPACE		

Panel Totals:
 Connected Load: 47830 VA
 Demand Factor: 100.00%
 Demand Load: 47830 VA

Panel: LA

Voltage: 120/208 Wye
Phases: 3
Wires: 4
Enclosure: Type 1

A.I.C. Rating: 65K SERIES
Mounting: RECESSED
Feeder Rating: 100 A
Panel Rating: 125 A, MLO

BRKR	Notes	Circuit Description	CKT	A (VA)	B (VA)	C (VA)	CKT	Circuit Description	Notes	BRKR
20 A	1	REC - LAUNDRY & DRYERS	1	900 / 1500			2	MICROWAVE		20 A
20 A	1	REC - LAUNDRY	3		1800 / 1000		4	REFRIGERATOR		20 A
25 A	3	DRYER	5		2400 / 2400		6	DRYER		25 A
25 A	3	WASHER	7	2400 / 2400			8	DRYER		25 A
---	---	SPACE	9		2400 / 2400		10	DRYER		25 A
---	---	SPACE	11			1387 / 1387	12	WASHER		25 A
---	---	SPACE	13	1387 / 1387			14	WASHER		25 A
---	---	SPACE	15		1387 / 1387		16	WASHER		25 A
---	---	SPACE	17		0 / 0		18	SPACE		
---	---	SPACE	19	0 / 0			20	SPACE		
---	---	SPACE	21		0 / 0		22	SPACE		
---	---	SPACE	23		0 / 0		24	SPACE		
---	---	SPACE	25	0 / 0			26	SPACE		
---	---	SPACE	27		0 / 0		28	SPACE		
---	---	SPACE	29	8973 VA	9653 VA	0 / 0	30	SPACE		

Panel Totals:
 Connected Load: 4480 VA
 Demand Factor: 100.00%
 Demand Load: 4480 VA

Panel: M1

Voltage: 120/208 Wye
Phases: 3
Wires: 4
Enclosure: Type 1

A.I.C. Rating: 65K SERIES
Mounting: Surface
Feeder Rating: 100 A
Panel Rating: 125 A, MLO

BRKR	Notes	Circuit Description	CKT	A (VA)	B (VA)	C (VA)	CKT	Circuit Description	Notes	BRKR
15 A	1	FURN	1				2	CIRCULATING PUMP 1		15 A
15 A	1	FURN	3		852 / 530		4	CIRCULATING PUMP 2		15 A
15 A	1	FURN	5			852 / 530	6	CIRCULATING PUMP 3		15 A
---	---	SPACE	7	852 / 1250			8	BLOCK HEATER		15 A
---	---	SPACE	9		780 / 1250		10	BLOCK HEATER		15 A
---	---	SPACE	11			0 / 1272	12	JOCKEY PUMP		15 A
---	---	SPACE	13	0 / 1272			14	JOCKEY PUMP		15 A
---	---	SPACE	15		0 / 1272		16	SPACE		
---	---	SPACE	17	4756 VA	4684 VA	2654 VA	18	SPACE		

Panel Totals:
 Connected Load: 4998 VA
 Demand Factor: 100.00%
 Demand Load: 4998 VA

Panel: P

Voltage: 120/208 Wye
Phases: 3
Wires: 4
Enclosure: Type 1

A.I.C. Rating: 65K SERIES
Mounting: Surface
Feeder Rating: 100 A
Panel Rating: 125 A, MLO

BRKR	Notes	Circuit Description	CKT	A (VA)	B (VA)	C (VA)	CKT	Circuit Description	Notes	BRKR
20 A	1	LITG - POOL AREA	1	814 / 3328			2	AHU-5		2
20 A	1	REC - POOL	4		1440 / 3328		4	SPARE		2
20 A	1	REC - EWC	5			500 / 0	6	SPARE		2
20 A	1	REC - PATIO	7	540 / 1800			8	SPARE		2
20 A	1	LITG - POOL	9		408 / 1800		10	CU-5		3
20 A	2	DF-1	11		80 / 0		12	SPARE		1
20 A	1	REC - POOL LIFT CHARGER	13			1500 / 0	14	SPARE		1
20 A	1	SPARE	15			0 / 0	16	SPARE		1
20 A	1	POOL HEAT IGNITION	17	500 / 0			18	SPARE		1
20 A	1	POOL PUMP	19		1704 / 0		20	SPARE		1
20 A	1	LTS - SUMMERSIBLE POOL	21			500 / 0	22	SPARE		1
20 A	1	SPARE	23			0 / 0	24	SPARE		1
20 A	1	SPARE	25	0 / 0			26	SPARE		1
20 A	1	SPARE	27		0 / 0		28	SPARE		1
---	---	SPACE	29			0 / 0	30	SPACE		
---	---	SPACE	31		0 / 0		32	SPACE		
---	---	SPACE	33		0 / 0		34	SPACE		
---	---	SPACE	35		0 / 0		36	SPACE		
---	---	SPACE	37	0 / 0			38	SPACE		
---	---	SPACE	39		0 / 0		40	SPACE		
---	---	SPACE	41	702 VA	1014 VA	2880 VA	42	SPACE		

Panel Totals:
 Connected Load: 1293 VA
 Demand Factor: 125.00%
 Demand Load: 1623 VA

Panel: R1A

Voltage: 120/208 Wye
Phases: 3
Wires: 4
Enclosure: Type 1

A.I.C. Rating: 65K SERIES
Mounting: Surface
Feeder Rating: 200 A
Panel Rating: 200 A, MLO

PROVIDE ISOLATED GROUND BUS TWO-SECTION PANEL

BRKR	Notes	Circuit Description	CKT	A (VA)	B (VA)	C (VA)	CKT	Circuit Description	Notes	BRKR
20 A	1	BATH KING 101	1	250 / 246			2	BATH QUEEN 123		20 A
20 A	1	MICROWAVE KING 101	3		1500 / 1500		4	MICROWAVE QUEEN 123		20 A
20 A	1	REFRIG KING 101	5			1000 / 1000	6	REFRIG QUEEN 123		20 A
20 A	1	LTSREC CKT 1 KING 101	7	1600 / 1600			8	LTSREC CKT 1 QUEEN 123		20 A
20 A	1	LTSREC CKT 2 KING 101	9		1400 / 1400		10	LTSREC CKT 2 QUEEN 123		20 A
20 A	1	DISHWASHER KING 101	11			1200 / 1200	12	DISHWASHER QUEEN 123		20 A
20 A	1	DISPOSAL KING 101	13	756 / 756			14	DISPOSAL QUEEN 123		20 A
20 A	1	BATH QUEEN 103	15		246 / 246		16	BATH QUEEN 124		20 A
20 A	1	MICROWAVE QUEEN 103	17			1500 / 1500	18	MICROWAVE QUEEN 124		20 A
20 A	1	REFRIG QUEEN 103	19	1000 / 1000			20	REFRIG QUEEN 125		20 A
20 A	1	LTSREC CKT 1 QUEEN 103	21			1600 / 1600	22	LTSREC CKT 1 QUEEN 125		20 A
20 A	1	LTSREC CKT 2 QUEEN 103	23			1400 / 1400	24	LTSREC CKT 2 QUEEN 125		20 A
20 A	1	DISHWASHER QUEEN 103	25	1200 / 1200			26	DISHWASHER QUEEN 125		20 A
20 A	1	DISPOSAL QUEEN 103	27		756 / 756		28	DISPOSAL QUEEN 125		20 A
20 A	1	BATH QUEEN 105	29		1500 / 150		30	LITG - MAIN ELECTRICAL ROOM		20 A
20 A	1	REFRIG QUEEN 105	31			1000 / 212	32	LITG - REG DESK/STATION		20 A
20 A	1	LTSREC CKT 1 QUEEN 105	33			1600 / 0	34	LITG - REG DESK/STATION		20 A
20 A	1	LTSREC CKT 2 QUEEN 105	35			1400 / 922	36	LAUNDRY/FOOD PREP		20 A
20 A	1	DISHWASHER QUEEN 105	37			1200 / 875	38	DISHWASHER KING 126		20 A
20 A	1	DISPOSAL QUEEN 105	39			756 / 0	40	DISHWASHER KING 126		20 A
20 A	1	GAS FIRE PIT	41			100 / 484	42	DISPOSAL KING 126		20 A
20 A	1	LITG - LEVEL 1 CORRIDOR	43			931 / 531	44	LITG - REG DESK/STATION		20 A
20 A	1	REC - SPACE 128	45			720 / 269	46	LITG - REG DESK/STATION		20 A
20 A	1	REC - ENGINEER'S OFFICE 142	47			540 / 720	48	REC - FITNESS ROOM		20 A
20 A	1	REC - ENGINEER'S OFFICE 143	49			540 / 180	49	REC - FITNESS ROOM		20 A
20 A	1	REC - MEETING ROOM 53	51			260 / 720	50	REC - FITNESS ROOM		20 A
20 A	1	REC - MEETING ROOM TV	53			300 / 360	51	REC - FITNESS ROOM		20 A
20 A	1	REC - MANAGERS OFFICE	57			0 / 0	52	REC - FITNESS ROOM		20 A
20 A	1	REC - BREAKFAST 130	59			0 / 0	53	REC - FITNESS ROOM		20 A
20 A	1	REC - LEVEL 1 CORRIDOR	61			0 / 0	54	REC - FITNESS ROOM		20 A
20 A	1	REC - EWC	63			500 / 0	55	REC - FITNESS ROOM		20 A
20 A	1	REC - MECH/SPRINKLER RISER	65			700 / 0	56	REC - FITNESS ROOM		20 A
20 A	1	ICE MAKER	67			1800 / 2070	57	REC - FITNESS ROOM		20 A
20 A	1	REC - RESTROOMS	69			0 / 0	58	REC - FITNESS ROOM		20 A
20 A	1	REC - REGISTRATION DESK	71			720 / 1080	59	REC - FITNESS ROOM		20 A
20 A	1	REC - MANAGER OFFICE	73			360 / 300	60	REC - FITNESS ROOM		20 A
20 A	1	REC - LOBBY TV'S	77			1 / 1600	61	REC - FITNESS ROOM		20 A
20 A	1	REC - LOBBY TV'S	79			1666 / 1666	62	REC - FITNESS ROOM		20 A
20 A	3	EVH-1	81			1666 / 0	63	REC - FITNESS ROOM		20 A
---	---	SPACE	83			1666 / 0	64	REC - FITNESS ROOM		20 A

Panel Totals:
 Connected Load: 12344 VA
 Demand Factor: 125.00%
 Demand Load: 15429 VA

Panel: R1B

Voltage: 120/208 Wye
Phases: 3
Wires: 4
Enclosure: Type 1

A.I.C. Rating: 65K SERIES
Mounting: Surface
Feeder Rating: 200 A
Panel Rating: 200 A, MLO

TWO SECTION PANEL

BRKR	Notes	Circuit Description	CKT	A (VA)	B (VA)	C (VA)	CKT	Circuit Description	Notes	BRKR
20 A	1	BATH Q100	1	246 / 246			2	BATH QUEEN 122		20 A
20 A	1	MICROWAVE Q100	3		1500 / 1500		4</			