

PANEL H5 . 3 PH . 4 WIRE. 480Y/277 VOLTS 225A MLO SURFACE MOUNTED MIN INTERRUPTING RATING 14,000 RMS SYM AMPS LOCATION ELECT 307 NEMA 1											
SPACE OCT #	CIRCUIT USE	OCT BRK RATING	CONNECTED LOAD VA			OCT BRK RATING	CIRCUIT USE	POLE SPACE OCT #			
#	#		A	B	C		#				
1	L - SE PARKING LOT	20/2	3000			25/3	M - CU-01	2			
2			6860					2			
3	L - X	X	3000					4			
4			6860					4			
5	L - E PARKING LOT	20/2		6860				6			
6				6860				6			
7	L - X	X	2550				L - E WALKWAY LIGHTS	8			
8			1160					8			
9	L - SW PARKING LOT	20/2		3450				10			
10				1160				10			
11	L - X	X		3450			L - RM 423	12			
12				2590				12			
13	L - SW PARKING LOT	20/2		2700			L - RM 423	14			
14				2590				14			
15	L - X	X		2700				16			
16				2100				16			
17	L - SW PARKING LOT	20/2						18			
18								18			
19	L - X	X	2100				M - VAV	20			
20			300					20			
21	L - RM 505			4400			L - RM 505	22			
22				4400				22			
23	L - RM 505			4400				24			
24				4400				24			
25	L - RM 505			4400				26			
26				4400				26			
27	L - RM 505,508,509,511			3180				28			
28				1800				28			
29	L - RM 505/ EM LTG			4000				30			
30				4000				30			
31	SC			2800				32			
32				2800				32			
33	L - RM 515, 516,517,518,519			2800				34			
34				2800				34			
35	SC			3680				36			
36				3680				36			
37	SC			4000			M - DWH-2	38			
38				4000				38			
39	SC			4000				40			
40				4000				40			
41	SC			33650			CALCULATED DEMAND = 130 AMPS	42			
42				35950				42			
43				31430				42			
44				101040				42			

PANEL H6 . 3 PH . 4 WIRE. 480Y/277 VOLTS 225A MCB SURFACE MOUNTED MIN INTERRUPTING RATING 14,000 RMS SYM AMPS LOCATION ELECT 307 NEMA 1											
SPACE OCT #	CIRCUIT USE	OCT BRK RATING	CONNECTED LOAD VA			OCT BRK RATING	CIRCUIT USE	POLE SPACE OCT #			
#	#		A	B	C		#				
1	L - RM 601, 602, 603, 605, 609	20	3180			20/2	L - POOL	2			
2			1000					2			
3	L - RM 601, 607, 608	20		3220			L - X	4			
4				3220				4			
5	L - EXTERIOR BLDG	20		450			L - POOL	6			
6				4000				6			
7	M - RTU - 01	50/3	8710				L - X	8			
8			1000					8			
9	M - X	X		8710			L - POOL AREA LIGHT	10			
10				4500				10			
11	M - X	X		8710			L - POOL AREA LIGHT	12			
12				4500				12			
13	L - CANOPY AREA	20/2	750				L - POOL AREA LIGHT	14			
14			1500					14			
15	L - X	X		750			L - X	16			
16				4500				16			
17	M - EHM-02	15/3		1000			SC	18			
18				1000				18			
19	M - X	X	1000				SC	20			
20				1000				20			
21	M - X	X		4000			SC	22			
22				4000				22			
23	SC			20			SC	24			
24				20				24			
25	SC			20			SC	26			
26				20				26			
27	SC			2430			L - CANOPY AREA	28			
28				2430				28			
29	SC			2160			L - CANOPY AREA	30			
30				2160				30			
31	SC			20			SC	32			
32				20				32			
33	SC			20			SC	34			
34				20				34			
35	SC			20			SC	36			
36				20				36			
37	P - VIA 45 KVX XF	20/3	15000			60/3	P - PANEL H7	38			
38			4590					38			
39	P - X	X		15000				40			
40				4280				40			
41	P - X	X		45000				42			
42				39250			CALCULATED DEMAND = 139 AMPS	42			
43				36960				42			
44				33800				42			
45				110020				42			

MOTOR CENTER SCHEDULE											
MCC-P	480 VOLTS, 3R	3 PH . 3 WIRE.	600 AMPS MAIN BUS	LOCATION	POOL EQUIP \$15						
OCT NO.	HP	FLA	FUSE AMPS	STARTER **	SCHEMATIC DIAGRAM	REMARKS					
#	#	#	#	SIZE	TYPE	NAME PLATE					
1	15	21	35	2	FVNR	NOTE 5	SWIM POOL CIRC PUMP	2,3,4			
2	25	34	50	2	FVNR	NOTE 5	SLIDE BOOSTER PUMP	2,3,4			
3	7.5	11	17.5	1	FVNR	NOTE 5	REC POOL CIRC PUMP	2,3,4			
4	5	7.5	12	1	FVNR	NOTE 5	REC POOL CIRC PUMP	2,3,4			
5	7.5	11	17.5	1	FVNR	NOTE 5	BOOSTER PUMP	2,3,4			
6							INDOOR POOL CIRC PUMP	2,3,4			
7							SPARE	2,3,4			
8	2KW	4.2	6				TRANSFORMER	480 - 208V SINGLE PHASE			
9	1.5	2.5	8	1	FVNR	NOTE 5	TEACHING POOL CIRC PUMP	2,3,4,6			
10											
11											
12											
13											
14											
15											
16											

PANEL H7 . 3 PH . 4 WIRE. 480Y/277 VOLTS 60A MCB SURFACE MOUNTED MIN INTERRUPTING RATING 14,000 RMS SYM AMPS LOCATION MECH 616 NEMA 1											
SPACE OCT #	CIRCUIT USE	OCT BRK RATING	CONNECTED LOAD VA			OCT BRK RATING	CIRCUIT USE	POLE SPACE OCT #			
#	#		A	B	C		#				
1	L - INTERIOR	20	525				MECH 616 BOOSTER PUMP	2			
2			3880					2			
3	L - EXTERIOR	20		400				4			
4				3880				4			
5	SC							6			
6								6			
7	SO							8			
8								8			
9	SO							10			
10								10			
11	SO							12			
12								12			
13	SO							14			
14								14			
15	SO							16			
16								16			
17	SO							18			
18								18			
19	SO							20			
20								20			
21	SO							22			
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23	SO							24			
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25	SO							26			
26								26			
27	SO							28			
28								28			
29	SO							30			
30								30			
31	SO							32			
32								32			
33	SO							34			
34								34			
35	SO							36			
36								36			
37	SO							38			
38								38			
39	SO							40			
40								40			
41	SO							42			
42								42			
43							CALCULATED DEMAND = 15 AMPS	42			
44								42			
45								42			
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