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|---|------|--|-----|---------|-----|--|------------------|---|----------------|----------------------------------|-------|-------|-------|
| PANEL: PA | | LOCATION : MECHANICAL RM 204 SERVICE : 347/600/3/60 | | | | MOUNTING : SURFACE BRANCH BREAKER I.C. : 22kA | | | | 225 AMP. MAINS. AMP. RMS SYM. | | | |
| LOAD DESCRIPTION | LOAD | WIRE | BKR | CIRCUIT | BKR | WIRE | LOAD | LOAD DESCRIPTION | PHASE LOAD | | | | |
| | | | | | | | | | A | B | C | | |
| REC. HRV-1, RM. 204 | 187 | 12 | 20 | 1 | 1 | 2 | 15 | SPARE | 187 | | | | |
| REC. HRV-2, RM. 204 | 187 | 12 | 20 | 3 | 4 | 15 | | SPARE | | 187 | | | |
| MOTORIZED DAMPERS, RM. 204 | 200 | 12 | 15 | 5 | 6 | 15 | | SPARE | | | | 200 | |
| FIRE PROTECTION PANEL, RM. 107 | 200 | 12 | 15 | 7 | 8 | 15 | | SPARE | 200 | | | | |
| HOT WATER TANK RM. 107 | 3000 | 12 | 20 | 9 | 10 | 15 | | SPARE | | 1500 | | | |
| | | | | 11 | 12 | 15 | | SPARE | | | 1500 | | |
| (*)REC. SUMP PUMP, P-2, STAIR 131 | 348 | 12 | 15 | 13 | 14 | | | HEATING/ COOLING UNITS RM. 114 FC6A, FC6B, FC6C, FC6D | 681 | | | | |
| CIRC. PUMP, P-1, RM-107 | 125 | 12 | 15 | 15 | 16 | | 20 | | | 458 | | | |
| FAN F1, RM. 103 | 500 | 12 | 15 | 17 | 18 | | 20 | 12 | 622 | | | 811 | |
| FAN F3, RM. 122 | 500 | 12 | 15 | 19 | 20 | | | HEATING/ COOLING UNITS BS2, BS3, FC5, FC11 | 811 | | | | |
| HEATING/ COOLING UNITS FC1, FC2, FC3, FC4 | 666 | 12 | 20 | 21 | 22 | | 20 | 12 | 499 | | | 583 | |
| HEATING/ COOLING UNITS, RM. 214 FC7A, FC7B, FC7C, FC7D, BS1 | 666 | 12 | 20 | 25 | 26 | | 15 | | | | | 333 | |
| | | | | 27 | 28 | | | SPARE | | | | 333 | |
| | | | | 29 | 30 | | 15 | | SPARE | | | | |
| OUTDOOR CONDENSER, CU2 | 4860 | 12 | 20 | 31 | 32 | | | | | 3240 | | | |
| | | | | 33 | 34 | | 20 | 12 | 4860 | | | 3240 | |
| FAN F9 | 137 | 12 | 15 | 35 | 36 | | | | | | | 1757 | |
| PREPARED SPACE | | | | 15 | 37 | | 38 | | PREPARED SPACE | | | | |
| PREPARED SPACE | | | | 15 | 39 | | 40 | | PREPARED SPACE | | | | |
| PREPARED SPACE | | | | 15 | 41 | | 42 | | PREPARED SPACE | | | | |
| NOTES: (*) PROVIDE CT ON CIRCUIT LINE CONDUCTOR, RATED FOR 10 AMP MOTOR LOAD. CONTROL WIRING BY MECHANICAL. | | | | | | | CONNECTED LOAD | | 16.6 kW | TOTAL WATTS | 5,452 | 6,301 | 4,851 |
| | | | | | | | ESTIMATED DEMAND | | 12.5 kW | TOTAL AMPS | | | |

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|-------------------------|------|--|-----|---------|-----|--|------------------|------------------|-----------------------------|----------------------------------|-------|-------|-------|
| PANEL: PB | | LOCATION : ELECTRICAL RM 103 SERVICE : 120/208/3/60 | | | | MOUNTING : SURFACE BRANCH BREAKER I.C. : 22kA | | | | 225 AMP. MAINS. AMP. RMS SYM. | | | |
| LOAD DESCRIPTION | LOAD | WIRE | BKR | CIRCUIT | BKR | WIRE | LOAD | LOAD DESCRIPTION | PHASE LOAD | | | | |
| | | | | | | | | | A | B | C | | |
| REC. FOR FRIDGE RM. 105 | 700 | 12 | 15 | 1 | 1 | 2 | 15 | 12 | 500 | REC. RM. 104 | 1200 | | |
| REC. RM. 105 | 200 | 12 | 15 | 3 | 4 | 15 | 12 | 500 | REC. RM. 102 | | 700 | | |
| REC. RM. 105 | 1000 | 12 | 20 | 5 | 6 | 15 | 12 | 200 | REC. RM. 102 | | | 1200 | |
| REC. FOR COPIER RM. 111 | 1500 | 12 | 20 | 7 | 8 | 15 | 12 | 200 | REC. RM. 113 | 1700 | | | |
| REC. FOR COPIER RM. 111 | 1500 | 12 | 20 | 9 | 10 | 15 | 12 | 200 | REC. RM. 113 | | 1700 | | |
| REC. RM. 113 | 200 | 12 | 15 | 11 | 12 | 15 | 12 | 400 | REC. RM. 113 | | | 600 | |
| REC. RM. 116 | 300 | 12 | 15 | 13 | 14 | 15 | 12 | 300 | REC. RM. 116 | 600 | | | |
| REC. RM. 116 | 300 | 12 | 15 | 15 | 16 | 15 | 12 | 300 | REC. RM. 116 | | 600 | | |
| REC. RM. 116 | 300 | 12 | 15 | 17 | 18 | 15 | 12 | 300 | REC. RM. 116 | | | 600 | |
| REC. RM. 110, 112, 118 | 500 | 12 | 15 | 19 | 20 | 15 | 12 | 200 | REC. EXTERIOR | 700 | | | |
| REC. RM. 103 | 200 | 12 | 15 | 21 | 22 | 15 | 12 | 400 | REC. SMART BAY LINK RM. 114 | | 600 | | |
| REC. RM. 107 | 200 | 12 | 15 | 23 | 24 | 20 | 12 | 500 | REC. RADAR TEST RM. 114 | | | 700 | |
| SPARE | | | | 15 | 25 | 26 | 15 | 12 | 100 | REC. RM. 114 | 100 | | |
| REC. RM. 114 | 200 | 12 | 15 | 27 | 28 | 15 | 12 | 300 | REC. RM. 114 | | 500 | | |
| REC. RM. 114 | 200 | 12 | 15 | 29 | 30 | 15 | 12 | 100 | MOTORIZED DAMPERS RM. 103 | | | 300 | |
| SPARE | | | | 15 | 31 | 32 | 20 | 12 | 500 | BELL FIBRE TRANSPORT RACK | 500 | | |
| SPARE | | | | 15 | 33 | 34 | 15 | 12 | 50 | MOTORIZED DAMPER RM. 122 | | 50 | |
| SPARE | | | | 15 | 35 | 36 | 15 | | | SPARE | | | |
| SPARE | | | | 15 | 37 | 38 | 15 | | | SPARE | | | |
| PREPARED SPACE | | | | 39 | 40 | | | | PREPARED SPACE | | | | |
| PREPARED SPACE | | | | 41 | 42 | | | | PREPARED SPACE | | | | |
| NOTES: | | | | | | | CONNECTED LOAD | | 12.0 kW | TOTAL WATTS | 4,800 | 4,150 | 3,400 |
| | | | | | | | ESTIMATED DEMAND | | 9.0 kW | TOTAL AMPS | | | |

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|------------------------|------|--|-----|---------|-----|--|------------------|------------------|-----------------------------|----------------------------------|-------|-------|-------|
| PANEL: PC | | LOCATION : ELECTRICAL RM 103 SERVICE : 120/208/3/60 | | | | MOUNTING : SURFACE BRANCH BREAKER I.C. : 22kA | | | | 225 AMP. MAINS. AMP. RMS SYM. | | | |
| LOAD DESCRIPTION | LOAD | WIRE | BKR | CIRCUIT | BKR | WIRE | LOAD | LOAD DESCRIPTION | PHASE LOAD | | | | |
| | | | | | | | | | A | B | C | | |
| REC. RM. 119 | 100 | 12 | 15 | 1 | 1 | 2 | 15 | 12 | 500 | REC. RM. 126, 127 | 600 | | |
| REC. RM. 127 | 200 | 12 | 15 | 3 | 4 | 15 | 12 | 200 | REC. RM. 126 | | 400 | | |
| REC. RM. 127 | 200 | 12 | 15 | 5 | 6 | 15 | 12 | 200 | REC. RM. 126 | | | 400 | |
| REC. RM. 125 | 300 | 12 | 15 | 7 | 8 | 15 | 12 | 200 | REC. RM. 124 | 500 | | | |
| REC. RM. 125 | 300 | 12 | 15 | 9 | 10 | 15 | 12 | 200 | REC. RM. 124 | | 500 | | |
| REC. RM. 122, 124 | 500 | 12 | 15 | 11 | 12 | 15 | 12 | 200 | REC. RM. 123 | | | 700 | |
| REC. RM. 123 | 200 | 12 | 15 | 13 | 14 | 15 | 12 | 200 | REC. RM. 121 | 400 | | | |
| REC. RM. 122 | 200 | 12 | 15 | 15 | 16 | 15 | 12 | 200 | REC. RM. 121 | | 400 | | |
| REC. RM. 122 | 200 | 12 | 15 | 17 | 18 | 15 | 12 | 200 | EMERGENCY SHOWER | | | 400 | |
| OVERHEAD DOOR, RM. 116 | 1500 | 12 | 15 | 19 | 20 | | 40 | 8 | 6000 | VEHICLE CHARGING STATION | 3750 | | |
| | | | | 21 | 22 | | | | | | 3750 | | |
| OVERHEAD DOOR, RM. 116 | 1500 | 12 | 15 | 23 | 24 | 15 | 12 | 200 | DOOR ACCESS SYSTEM | | | 950 | |
| | | | | 25 | 26 | 15 | 12 | 200 | TELEPHONE EQUIPMENT RM. 108 | 950 | | | |
| DOOR HEAT TRACE | 600 | 12 | 15 | 27 | 28 | 15 | 12 | 200 | T.V. EQUIPMENT RM. 108 | | 800 | | |
| REC. LAN ROOM | 200 | 12 | 15 | 29 | 30 | 15 | | | SPARE | | | 200 | |
| SPARE | | | | 15 | 31 | 32 | 15 | | SPARE | | | | |
| PREPARED SPACE | | | | 33 | 34 | 15 | | | SPARE | | | | |
| PREPARED SPACE | | | | 35 | 36 | | | | PREPARED SPACE | | | | |
| PREPARED SPACE | | | | 37 | 38 | | | | PREPARED SPACE | | | | |
| PREPARED SPACE | | | | 39 | 40 | | | | PREPARED SPACE | | | | |
| PREPARED SPACE | | | | 41 | 42 | | | | PREPARED SPACE | | | | |
| NOTES: | | | | | | | CONNECTED LOAD | | 14.7 kW | TOTAL WATTS | 6,200 | 5,850 | 2,650 |
| | | | | | | | ESTIMATED DEMAND | | 11.3 kW | TOTAL AMPS | | | |

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|------------------------|------|--|-----|---------|-----|--|------------------|------------------|-----------------------|----------------------------------|------|------|------|
| PANEL: PD | | LOCATION : MECHANICAL RM 204 SERVICE : 120/208/3/60 | | | | MOUNTING : SURFACE BRANCH BREAKER I.C. : 22kA | | | | 225 AMP. MAINS. AMP. RMS SYM. | | | |
| LOAD DESCRIPTION | LOAD | WIRE | BKR | CIRCUIT | BKR | WIRE | LOAD | LOAD DESCRIPTION | PHASE LOAD | | | | |
| | | | | | | | | | A | B | C | | |
| REC. RM. 205 | 400 | 12 | 15 | 1 | 1 | 2 | 15 | 12 | 500 | REC. RM. 213 | 900 | | |
| REC. RM. 203 | 400 | 12 | 15 | 3 | 4 | 15 | 12 | 200 | REC. RM. 212 | | 600 | | |
| REC. RM. 201, 211 | 400 | 12 | 15 | 5 | 6 | 15 | 12 | 500 | REC. RM. 212, FAN F10 | | | 900 | |
| REC. FRIDGE RM. 212 | 700 | 12 | 15 | 7 | 8 | 15 | 12 | 100 | ELEVATOR CAR | 800 | | | |
| REC. COUNTER RM. 212 | 1200 | 12 | 20 | 9 | 10 | 15 | 12 | 500 | REC. SHOWER RM. 202 | | 1700 | | |
| REC. MICROWAVE RM. 212 | 1200 | 12 | 15 | 11 | 12 | 15 | 12 | 500 | REC. WSH/RMS 206, 207 | | | 1700 | |
| REC. RM. 214 | 500 | 12 | 15 | 13 | 14 | 15 | 12 | 500 | REC. RM. 214 | 1000 | | | |
| REC. RM. 214 | 200 | 12 | 15 | 15 | 16 | 15 | 12 | 500 | REC. RM. 214 | | 700 | | |
| REC. RM. 214 | 500 | 12 | 15 | 17 | 18 | 15 | 12 | 500 | REC. RM. 214 CONSOLE | | 1000 | | |
| REC. RM. 214 CONSOLE | 500 | 12 | 15 | 19 | 20 | 15 | 12 | 500 | REC. RM. 214 CONSOLE | 1000 | | | |
| REC. RM. 214 CONSOLE | 500 | 12 | 15 | 21 | 22 | 15 | 12 | 200 | REC. ON ROOF | | 700 | | |
| REC. RM. 204 | 200 | 12 | 15 | 23 | 24 | | | | | | | 3550 | |
| CLOCK, RM. 214 | 100 | 12 | 15 | 25 | 26 | 40 | 8 | 6700 | COOK TOP | 3450 | | | |
| WALL OVEN, RM. 212 | 5000 | 10 | 30 | 27 | 28 | 15 | 12 | 200 | REC. ON ROOF | | 2700 | | |
| SPARE | | | | 15 | 31 | 32 | 15 | 12 | 100 | POWER FOR CAMERAS | 100 | | |
| SPARE | | | | 15 | 33 | 34 | 15 | | | SPARE | | | |
| SPARE | | | | 15 | 35 | 36 | 15 | | | SPARE | | | |
| PREPARED SPACE | | | | 37 | 38 | 15 | | | | SPARE | | | |
| PREPARED SPACE | | | | 39 | 40 | | | | | PREPARED SPACE | | | |
| PREPARED SPACE | | | | 41 | 42 | | | | | PREPARED SPACE | | | |
| NOTES: | | | | | | | CONNECTED LOAD | | 23.6 kW | TOTAL WATTS | 7250 | 6400 | 9950 |
| | | | | | | | ESTIMATED DEMAND | | 17.7 kW | TOTAL AMPS | | | |

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|-------------------------------|------|--|-----|---------|-----|--|------------------|------------------|---------------------------------|----------------------------------|------|------|------|
| PANEL: LA | | LOCATION : ELECTRICAL RM 103 SERVICE : 120/208/3/60 | | | | MOUNTING : SURFACE BRANCH BREAKER I.C. : 22kA | | | | 100 AMP. MAINS. AMP. RMS SYM. | | | |
| LOAD DESCRIPTION | LOAD | WIRE | BKR | CIRCUIT | BKR | WIRE | LOAD | LOAD DESCRIPTION | PHASE LOAD | | | | |
| | | | | | | | | | A | B | C | | |
| LIGHTING 1ST FL., GENERAL | 854 | 12 | 15 | 1 | 1 | 2 | 15 | 12 | 680 | LIGHTING EXTERIOR | 1534 | | |
| LIGHTING 1ST FL., LOBBY AREA | 824 | 12 | 15 | 3 | 4 | 15 | 12 | 738 | LIGHTING RM. 114 | | 1562 | | |
| LIGHTING WORKSHOP RM. 120 | 1012 | 12 | 15 | 5 | 6 | 15 | 12 | 720 | LIGHTING RM. 214 | | | 1732 | |
| LIGHTING 2ND FL., GENERAL | 696 | 12 | 15 | 7 | 8 | 15 | 12 | 679 | LIGHTING 2ND. FLOOR | 1375 | | | |
| LIGHTING RM. 214, TASK LIGHTS | 435 | 12 | 15 | 9 | 10 | 15 | 12 | 200 | EXIT & EMERGENCY LIGHTING UNITS | | 635 | | |
| SPARE | | | | 15 | 11 | 12 | 15 | | SPARE | | | | |
| SPARE | | | | 15 | 13 | 14 | 15 | | PREPARED SPACE | | | | |
| PREPARED SPACE | | | | 15 | 16 | | | | PREPARED SPACE | | | | |
| PREPARED SPACE | | | | 17 | 18 | | | | PREPARED SPACE | | | | |
| NOTES: | | | | | | | CONNECTED LOAD | | 6.8 kW | TOTAL WATTS | 2909 | 2197 | 1732 |
| | | | | | | | ESTIMATED DEMAND | | 6.8 kW | TOTAL AMPS | | | |

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| PANEL: HA | | LOCATION : ELECTRICAL RM 103 SERVICE : 347/600/3/60</ |
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