

**PANEL SCHEDULE**

| PANEL:                         |                | MDP ELECTRICAL EQUIPMENT ROOM            |          | INTERRUPTING RATING: 20 KAIC       |            | VOLTAGE: 208/120V, 400A, 3Ø, 4 WIRE |                            | ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D I-LINE PANELBOARD |        |  |
|--------------------------------|----------------|--|----------|------------------------------------|------------|-------------------------------------|----------------------------|--|--------|--|
| CKT NO                         | THHN WIRE SIZE | LOAD DESCRIPTION                         | BREAKER  | LOAD (VA)                          | LOAD (VA)  | BREAKER                             | LOAD DESCRIPTION           | THHN WIRE SIZE   | CKT NO |  |
|                                |                | LOCATION                                 | AMP POLE |                                    |            | POLE AMP                            | LOCATION                   |  |        |  |
| 1                              |                | PANEL 'MA'                               | 125 3    | 9600                               | 19200      |                                     |                            |  | 2      |  |
| 3                              |                |  |          | 9600                               | 15400      | 3 225                               | PANEL 'LA'                 |  | 4      |  |
| 5                              |                |  |          | 8600                               | 14800      |                                     |                            |  | 6      |  |
| 7                              |                | AUTOMATIC TRANSFER SWITCH FOR PANEL 'EP' | 200 3    | 15600                              | 2400       |                                     |                            |  | 8      |  |
| 9                              |                |  |          | 15200                              | 8700       | 3 225                               | PANEL 'LB'                 |  | 10     |  |
| 11                             |                |  |          | 12400                              | 7400       |                                     |                            |  | 12     |  |
| 13                             |                | SPARE                                    | 200 3    | 0                                  | 0          |                                     |                            |  | 14     |  |
| 15                             |                |  |          | 0                                  | 0          | 3 225                               | SPARE                      |  | 16     |  |
| 17                             |                |  |          | 0                                  | 0          |                                     |                            |  | 18     |  |
| SOLID NEUTRAL NEUTRAL WIRE (N) |                |  |          | TOTAL CONNECTED LOAD (VA) = 139100 |            |                                     | GROUND BUS GROUND WIRE (G) |  |        |  |
|                                |                |  |          | AD = 47200                         | BD = 48400 | CD = 43000                          |                            |  |        |  |

**PANEL SCHEDULE**

| PANEL:                         |                | MA ELECTRICAL EQUIPMENT ROOM |          | INTERRUPTING RATING: 20 KAIC      |           | VOLTAGE: 208/120V, 200A, 3Ø, 4 WIRE |                            | ENCLOSURE: SURFACE MOUNTED W/ EQUIPMENT GND BAR SQ D I-LINE PANELBOARD |        |  |
|--------------------------------|----------------|------------------------------|----------|-----------------------------------|-----------|-------------------------------------|----------------------------|--|--------|--|
| CKT NO                         | THHN WIRE SIZE | LOAD DESCRIPTION             | BREAKER  | LOAD (VA)                         | LOAD (VA) | BREAKER                             | LOAD DESCRIPTION           | THHN WIRE SIZE   | CKT NO |  |
|                                |                | LOCATION                     | AMP POLE |                                   |           | POLE AMP                            | LOCATION                   |  |        |  |
| 1                              |                | CU-1                         | 50 2     | 2700                              | 2700      | 2 50                                |                            |  | 2      |  |
| 3                              |                |                              |          | 2700                              | 2700      |                                     |                            |  | 4      |  |
| 5                              |                | CU-2                         | 40 2     | 2200                              | 2200      | 2 40                                |                            |  | 6      |  |
| 7                              |                |                              |          | 2200                              | 2200      |                                     |                            |  | 8      |  |
| 9                              |                | CU-3                         | 50 2     | 2700                              | 1500      | 2 30                                |                            |  | 10     |  |
| 11                             |                |                              |          | 2700                              | 1500      |                                     |                            |  | 12     |  |
| 13                             |                | SPARE                        | 30 2     | 0                                 | 0         | 2 30                                |                            |  | 14     |  |
| 15                             |                |                              |          | 0                                 | 0         |                                     |                            |  | 16     |  |
| 17                             |                |                              |          | 0                                 | 0         |                                     |                            |  | 18     |  |
| 19                             |                | SPARE                        | 40 2     | 0                                 | 0         | 2 40                                |                            |  | 20     |  |
| 21                             |                |                              |          | 0                                 | 0         |                                     |                            |  | 22     |  |
| 23                             |                | SPARE                        | 50 2     | 0                                 | 0         | 2 50                                |                            |  | 24     |  |
| SOLID NEUTRAL NEUTRAL WIRE (N) |                |                              |          | TOTAL CONNECTED LOAD (VA) = 28000 |           |                                     | GROUND BUS GROUND WIRE (G) |  |        |  |
|                                |                |                              |          | AD = 9800                         | BD = 9600 | CD = 8600                           |                            |  |        |  |

**PANEL SCHEDULE**

| PANEL:                         |                | LA ELECTRICAL EQUIPMENT ROOM                       |          | INTERRUPTING RATING: 20 KAIC      |            | VOLTAGE: 208/120V, 225A, 3Ø, 4 WIRE |   | ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER |        |  |
|--------------------------------|----------------|--|----------|-----------------------------------|------------|-------------------------------------|---|--|--------|--|
| CKT NO                         | THHN WIRE SIZE | LOAD DESCRIPTION                                   | BREAKER  | LOAD (VA)                         | LOAD (VA)  | BREAKER                             | LOAD DESCRIPTION                                  | THHN WIRE SIZE   | CKT NO |  |
|                                |                | LOCATION   | AMP POLE |                                   |            | POLE AMP                            | LOCATION  |  |        |  |
| 1                              | #12            | LIGHTS (ELEG, OFFICE, STO, DIRTY UTILITY, CONSULT) | 20 1     | 1100                              | 200        | 1 20                                | RECEPT (CONFERENCE/BREAK)                         | #12  | 2      |  |
| 3                              | #12            | LIGHTS (CORRIDOR, VITALS, PHLEBOTOMY)              | 20 1     | 1100                              | 800        | 1 20                                | RECEPT (CONFERENCE/BREAK REFRIGERATOR)            | #12  | 4      |  |
| 5                              | #12            | LIGHTS (WAITING, RECEPT, RR, OFFICE, CONSULT)      | 20 1     | 800                               | 700        | 1 20                                | RECEPT (CONFERENCE/BREAK COLL, PHLEB.)            | #12  | 6      |  |
| 7                              | #12            | LIGHTS (OFFICE, CONSULT)                           | 20 1     | 700                               | 400        | 1 20                                | RECEPT (NURSE STATION)                            | #12  | 8      |  |
| 9                              | #12            | LIGHTS (EXAM ROOM, RR)                             | 20 1     | 1400                              | 400        | 1 20                                | RECEPT (NURSE STATION)                            | #12  | 10     |  |
| 11                             | #12            | RECEPT (WAITING ROOM, COFFEE MAKER)                | 20 1     | 1400                              | 400        | 1 20                                | RECEPT (NURSE STATION)                            | #12  | 12     |  |
| 13                             | #12            | RECEPT (ELEG, DIRTY UTILITY, CORRIDOR)             | 20 1     | 1400                              | 200        | 1 20                                | RECEPT (NURSE STATION)                            | #12  | 14     |  |
| 15                             | #12            | RECEPT (OFFICE)                                    | 20 1     | 1100                              | 200        | 1 20                                | RECEPT (NURSE STATION)                            | #12  | 16     |  |
| 17                             | #12            | RECEPT (OFFICE)                                    | 20 1     | 1400                              | 400        | 1 20                                | RECEPT (EXAM 3)                                   | #12  | 18     |  |
| 19                             | #12            | RECEPT (DIRTY UTILITY)                             | 20 1     | 500                               | 700        | 1 20                                | RECEPT (EXAM 4)                                   | #12  | 20     |  |
| 21                             | #12            | RECEPT (CONSULT, OFFICE)                           | 20 1     | 1400                              | 700        | 1 20                                | RECEPT (PATIENT RR, CORRIDOR)                     | #12  | 22     |  |
| 23                             | #12            | RECEPT (STAFF, RR, FINANCIAL COUNSELING)           | 20 1     | 1100                              | 700        | 1 20                                | RECEPT (EXAM 5)                                   | #12  | 24     |  |
| 25                             | #12            | RECEPT (RECEPTION)                                 | 20 1     | 1100                              | 200        | 1 20                                | RECEPT (VITALS)                                   | #12  | 26     |  |
| 27                             | #12            | RECEPT (WAITING)                                   | 20 1     | 900                               | 200        | 1 20                                | RECEPT (VITALS)                                   | #12  | 28     |  |
| 29                             | #12            | RECEPT (DRINKING FOUNTAIN)                         | 20 1     | 500                               | 200        | 1 20                                | RECEPT (VITALS)                                   | #12  | 30     |  |
| 31                             | #12            | RECEPT (DRINKING FOUNTAIN)                         | 20 1     | 500                               | 200        | 1 20                                | RECEPT (VITALS)                                   | #12  | 32     |  |
| 33                             | #12            | RECEPT (NURSING OFFICE)                            | 20 1     | 400                               | 700        | 1 20                                | RECEPT (EXAM 1)                                   | #12  | 34     |  |
| 35                             | #12            | RECEPT (NURSING OFFICE)                            | 20 1     | 1000                              | 900        | 1 20                                | RECEPT (EXAM 2)                                   | #12  | 36     |  |
| 37                             | #12            | RECEPT (NURSING OFFICE)                            | 20 1     | 1000                              | 400        | 1 20                                | RECEPT, DATA (MEZZANINE)                          | #12  | 38     |  |
| 39                             | #12            | RECEPT (NURSING OFFICE)                            | 20 1     | 700                               | 400        | 1 20                                | RECEPT, DATA (MEZZANINE)                          | #12  | 40     |  |
| 41                             | #12            | RECEPT (NURSING OFFICE)                            | 20 1     | 700                               | 700        | 1 20                                | RECEPT, MECHANICAL MEZZANINE                      | #12  | 42     |  |
| 43                             | #12            | RECEPT (NURSING OFFICE)                            | 20 1     | 1400                              | 2500       | 2 30                                | PROVISION FOR SPLIT SYSTEM (MECHANICAL MEZZANINE) | #10  | 44     |  |
| 45                             | #12            | RECEPT (OFFICE, CORRIDOR)                          | 20 1     | 1100                              | 2500       |                                     |   |  | 46     |  |
| 47                             | #12            | RECEPT (CLEAN UTILITY)                             | 20 1     | 1100                              |            | 1 20                                | SPARE   |  | 48     |  |
| 49                             | #12            | RECEPT (COLLECTION, CONF/BREAK, CORRIDOR)          | 20 1     | 700                               |            | 1 20                                | SPARE   |  | 50     |  |
| 51                             | #12            | RECEPT (CONFERENCE/BREAK, DISHWASHER)              | 20 1     | 1400                              |            | 1 20                                | SPARE   |  | 52     |  |
| 53                             | #12            | RECEPT (CONFERENCE/BREAK)                          | 20 1     | 400                               | 1100       | 1 20                                | CONFERENCE/BREAK 100 - DISPOSAL                   | #12  | 54     |  |
| SOLID NEUTRAL NEUTRAL WIRE (N) |                |  |          | TOTAL CONNECTED LOAD (VA) = 49200 |            |                                     | GROUND BUS GROUND WIRE (G)                        |  |        |  |
|                                |                |  |          | AD = 19200                        | BD = 15400 | CD = 14600                          |   |  |        |  |

**PANEL SCHEDULE**

| PANEL:                         |                | LB ELECTRICAL EQUIPMENT ROOM |          | INTERRUPTING RATING: 20 KAIC      |           | VOLTAGE: 208/120V, 225A, 3Ø, 4 WIRE |                            | ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER |        |  |
|--------------------------------|----------------|------------------------------|----------|-----------------------------------|-----------|-------------------------------------|----------------------------|--|--------|--|
| CKT NO                         | THHN WIRE SIZE | LOAD DESCRIPTION             | BREAKER  | LOAD (VA)                         | LOAD (VA) | BREAKER                             | LOAD DESCRIPTION           | THHN WIRE SIZE   | CKT NO |  |
|                                |                | LOCATION                     | AMP POLE |                                   |           | POLE AMP                            | LOCATION                   |  |        |  |
| 1                              | #12            | MH-01, MECHANICAL MEZZANINE  | 20 1     | 1000                              | 1000      | 1 20                                | LIGHTS, PARKING LOT        | #12  | 2      |  |
| 3                              | #12            | CP-01, MECHANICAL MEZZANINE  | 15 1     | 500                               | 100       | 1 20                                | LIGHTS, EXTERIOR           | #12  | 4      |  |
| 5                              | #12            | SPARE                        | 20 1     |                                   | 300       | 1 20                                | LIGHTING CONTACTOR 'G1'    | #12  | 6      |  |
| 7                              | #12            | EP-01, EQUIPMENT MEZZANINE   | 15 1     | 700                               |           | 1 20                                | SPARE                      |  | 8      |  |
| 9                              | #12            | EW-01                        | 20 2     | 1500                              |           | 1 20                                | SPARE                      |  | 10     |  |
| 11                             | #12            |                              |          | 1500                              |           | 1 20                                | SPARE                      |  | 12     |  |
| 13                             | #12            | DCU-01 ANS D55-01            | 20 2     | 1000                              |           | 1 20                                | SPARE                      |  | 14     |  |
| 15                             | #12            |                              |          | 1000                              |           | 1 20                                | SPARE                      |  | 16     |  |
| 17                             | #12            | SPARE                        | 20 1     |                                   |           | 1 20                                | SPARE                      |  | 18     |  |
| 19                             | #10            | F/E-01, EQUIPMENT MEZZANINE  | 30 1     | 1400                              |           | 1 20                                | SPARE                      |  | 20     |  |
| 21                             | #10            | F/E-02, EQUIPMENT MEZZANINE  | 25 1     | 1100                              |           | 1 20                                | SPARE                      |  | 22     |  |
| 23                             | #10            | F/E-03, EQUIPMENT MEZZANINE  | 30 1     | 1400                              |           | 1 20                                | SPARE                      |  | 24     |  |
| 25                             | #12            | F/E-04, EQUIPMENT MEZZANINE  | 20 1     | 1200                              |           | 1 20                                | SPARE                      |  | 26     |  |
| 27                             | #10            | F/E-05, EQUIPMENT MEZZANINE  | 30 1     | 1400                              |           | 1 20                                | SPARE                      |  | 28     |  |
| 29                             | #10            | F/E-06, EQUIPMENT MEZZANINE  | 25 1     | 1100                              |           | 1 20                                | SPARE                      |  | 30     |  |
| 31                             | #12            | DH-01, EQUIPMENT MEZZANINE   | 20 1     | 1000                              |           | 1 20                                | SPARE                      |  | 32     |  |
| 33                             | #12            | DH-02, EQUIPMENT MEZZANINE   | 20 1     | 1000                              |           | 1 20                                | SPARE                      |  | 34     |  |
| 35                             | #12            | DH-03, EQUIPMENT MEZZANINE   | 20 1     | 1000                              |           | 1 20                                | SPARE                      |  | 36     |  |
| 37                             | #12            | DH-04, EQUIPMENT MEZZANINE   | 20 1     | 600                               |           | 1 20                                | SPARE                      |  | 38     |  |
| 39                             | #12            | DH-05, EQUIPMENT MEZZANINE   | 20 1     | 1000                              |           | 1 20                                | SPARE                      |  | 40     |  |
| 41                             | #12            | DH-06, EQUIPMENT MEZZANINE   | 20 1     | 1000                              |           | 1 20                                | SPARE                      |  | 42     |  |
| 43                             | #12            | SPARE                        | 20 1     |                                   |           | 1 20                                | SPARE                      |  | 44     |  |
| 45                             | #12            | SPARE                        | 20 1     |                                   |           | 1 20                                | SPARE                      |  | 46     |  |
| 47                             | #12            | SPARE                        | 20 1     |                                   |           | 1 20                                | SPARE                      |  | 48     |  |
| 49                             | #12            | SPARE                        | 20 1     |                                   |           | 1 20                                | SPARE                      |  | 50     |  |
| 51                             | #12            | SPARE                        | 20 1     |                                   |           | 1 20                                | SPARE                      |  | 52     |  |
| 53                             | #12            | SPARE                        | 20 1     |                                   |           | 1 20                                | SPARE                      |  | 54     |  |
| SOLID NEUTRAL NEUTRAL WIRE (N) |                |                              |          | TOTAL CONNECTED LOAD (VA) = 24800 |           |                                     | GROUND BUS GROUND WIRE (G) |  |        |  |
|                                |                |                              |          | AD = 8400                         | BD = 8700 | CD = 7400                           |                            |  |        |  |

**PANEL SCHEDULE**

| PANEL:                         |                | EP ELECTRICAL EQUIPMENT ROOM      |          | INTERRUPTING RATING: 20 KAIC      |            | VOLTAGE: 208/120V, 225A, 3Ø, 4 WIRE |                                       | ENCLOSURE: FLUSH MOUNTED W/ EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER |        |  |
|--------------------------------|----------------|-----------------------------------|----------|-----------------------------------|------------|-------------------------------------|---------------------------------------|--|--------|--|
| CKT NO                         | THHN WIRE SIZE | LOAD DESCRIPTION                  | BREAKER  | LOAD (VA)                         | LOAD (VA)  | BREAKER                             | LOAD DESCRIPTION                      | THHN WIRE SIZE   | CKT NO |  |
|                                |                | LOCATION                          | AMP POLE |                                   |            | POLE AMP                            | LOCATION                              |  |        |  |
| 1                              | #12            | MEDICAL GAS ALARM PANEL           | 20 2     | 300                               | 300        | 1 20                                | FACP                                  | #12  | 2      |  |
| 3                              | #12            |                                   |          | 1900                              |            | 1 20                                | SPARE                                 |  | 4      |  |
| 5                              | #12            | AHU-1                             | 20 3     | 1400                              | 1700       | 1 20                                | LIGHTS, PRIMARY LAB                   | #12  | 6      |  |
| 7                              | #12            |                                   |          | 1400                              | 1100       | 1 20                                | LIGHTS, ADVANCED LAB PROCEDURE        | #12  | 8      |  |
| 9                              | #12            | FH-01                             | 20 2     | 1500                              | 100        | 1 15                                | EF-05                                 | #12  | 10     |  |
| 11                             | #12            |                                   |          | 1500                              | 700        | 1 15                                | EF-06                                 | #12  | 12     |  |
| 13                             | #12            |                                   |          |                                   |            | 1 20                                | SPARE                                 |  | 14     |  |
| 15                             | #12            |                                   |          |                                   | 1400       |                                     |                                       |  | 16     |  |
| 17                             | #10            | CU-07B                            | 25 2     | 1400                              | 1400       | 2 25                                | CU-07A                                | #10  | 18     |  |
| 19                             | #12            |                                   |          | 1400                              | 500        | 1 20                                | PATIENT TABLE, PROCEDURE              | #12  | 20     |  |
| 21                             | #12            | SPARE                             | 20 1     |                                   | 500        | 1 20                                | NKON MICROSCOPE ADVANCED LAB          | #12  | 22     |  |
| 23                             | #12            | PROVISIONS FOR UV LIGHT ON AHU-01 | 20 1     | 200                               | 500        | 1 20                                | OLYMPUS MICROSCOPE ADVANCED LAB       | #12  | 24     |  |
| 25                             | #12            | RECEPT, PRIMARY LAB               | 20 1     | 400                               | 500        | 1 20                                | FULL SIZE INCUBATOR ADVANCED LAB      | #12  | 26     |  |
| 27                             | #12            | RECEPT, PRIMARY LAB               | 20 1     | 400                               | 500        | 1 20                                | 6 WORK STATION ADVANCED LAB           | #12  | 28     |  |
| 29                             | #12            | RECEPT, PRIMARY LAB               | 20 1     | 400                               | 500        | 1 20                                | 4 WORK STATION ADVANCED LAB           | #12  | 30     |  |
| 31                             | #12            | RECEPT, PRIMARY LAB               | 20 1     | 400                               | 500        | 1 20                                | 4 WORK STATION ADVANCED LAB           | #12  | 32     |  |
| 33                             | #12            | RECEPT, PRIMARY LAB               | 20 1     | 400                               | 500        | 1 20                                | MING BENCH TOP INCUBATOR ADVANCED LAB | #12  | 34     |  |
| 35                             | #12            | RECEPT, FLOOR BOX, PRIMARY LAB    | 20 1     | 700                               | 500        | 1 20                                | MING BENCH TOP INCUBATOR ADVANCED LAB | #12  | 36     |  |
| 37                             | #12            | RECEPT, PRIMARY LAB               | 20 1     | 500                               | 500        | 1 20                                | MING BENCH TOP INCUBATOR ADVANCED LAB | #12  | 38     |  |
| 39                             | #12            | RECEPT, PROCEDURE                 | 20 1     | 500                               |            | 1 20                                | SPARE                                 |  | 40     |  |
| 41                             | #12            | RECEPT, PROCEDURE                 | 20 1     | 500                               |            | 1 20                                | SPARE                                 |  | 42     |  |
| 43                             | #12            |                                   |          | 1500                              |            | 1 20                                | SPARE                                 |  | 44     |  |
| 45                             | #12            | EDH-01                            | 100 2    | 1500                              |            | 1 20                                | SPARE                                 |  | 46     |  |
| 47                             | #12            | FIRE ALARM BELL                   | 20 1     | 500                               |            | 1 20                                | SPARE                                 |  | 48     |  |
| 49                             | #12            | SPARE                             | 20 1     |                                   |            | 1 20                                | SPARE                                 |  | 50     |  |
| 51                             | #12            | SPARE                             | 20 1     |                                   |            | 1 20                                | SPARE                                 |  | 52     |  |
| 53                             | #12            | SPARE                             | 20 1     |                                   |            | 1 20                                | SPARE                                 |  | 54     |  |
| SOLID NEUTRAL NEUTRAL WIRE (N) |                |                                   |          | TOTAL CONNECTED LOAD (VA) = 49400 |            |                                     | GROUND BUS GROUND WIRE (G)            |  |        |  |
|                                |                |                                   |          | AD = 15000                        | BD = 15200 | CD = 12400                          |                                       |  |        |  |

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| REVISIONS | DATE | DESCRIPTION |
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