ELECTRICAL AREA OF WORK
1ST FLOOR SURGICAL PAVILION

N
02 - SECOND FLOOR

SP - SURGERY PAVILION

WING CODE:

DEMO - DEMOLITION (CONT.)

PCD - POWER CENTER/DISTRIBUTION

PCB - POWER CENTER/BRANCH PANEL

ONE-LINE DIAGRAM -

3 PHASE, 4 WIRE, DOUBLE NEUT, GRD & ISOL GRD - SERIES C:

FEEDER NO. OF RACEWAY CONDUCTORS (PER RACEWAY)

RACEWAY NO. OF FEEDER RACEWAY RACEWAY SIZE SIZE

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE

GROUND GROUND

RACEWAYS RACEWAYS

NUMBER NUMBER

NEUTRAL NEUTRAL PHASE PHASE
SURGERY PAVILION FIRST FLOOR
ELECTRICAL POWER PLAN - OVERALL

SHEET NOTES
1. FOR ALL 120VAC CIRCUITS, PROVIDE #12, #12G AND 3/4" EMT CONDUIT.
2. SEE SHEET E000 FOR GENERAL NOTES.
3. CAULK AND SEAL ALL CORNER PENETRATIONS.

FLAG NOTES
1. relocate 208Y/120V panel PCB-SP01-E09 to this location and relabel panel "PCB-SP01-E15". extend feeder conduit and conductors from old distribution panel PCB-SP01-E15 and make final connections to relocated panelboard.

SCALE: 1/8" = 1'-0"
## Fan Coil Unit Schedule

<table>
<thead>
<tr>
<th>EQUIP. NO</th>
<th>V/PH/HZ</th>
<th>VOLTAGE</th>
<th>RPM</th>
<th>MOTOR</th>
<th>REMARKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>FCU-1003-1</td>
<td>208/1/60</td>
<td>22.5</td>
<td>15</td>
<td>.22 (2/9) HP</td>
<td>DISCONNECT SWITCH BY EQUIPMENT MFG, COORDINATE WITH MECHANICAL.</td>
</tr>
<tr>
<td>FCU-1003-2</td>
<td>208/1/60</td>
<td>22.5</td>
<td>15</td>
<td>.22 (2/9) HP</td>
<td>DISCONNECT SWITCH BY EQUIPMENT MFG, COORDINATE WITH MECHANICAL.</td>
</tr>
<tr>
<td>FCU-1004</td>
<td>208/1/60</td>
<td>5.33</td>
<td>15</td>
<td>.5 HP</td>
<td>DISCONNECT SWITCH BY EQUIPMENT MFG, COORDINATE WITH MECHANICAL.</td>
</tr>
<tr>
<td>FCU-1004-A</td>
<td>208/1/60</td>
<td>5.33</td>
<td>15</td>
<td>.5 HP</td>
<td>DISCONNECT SWITCH BY EQUIPMENT MFG, COORDINATE WITH MECHANICAL.</td>
</tr>
<tr>
<td>FCU-1004-B</td>
<td>208/1/60</td>
<td>5.33</td>
<td>15</td>
<td>.5 HP</td>
<td>DISCONNECT SWITCH BY EQUIPMENT MFG, COORDINATE WITH MECHANICAL.</td>
</tr>
</tbody>
</table>

## Fan Schedule

<table>
<thead>
<tr>
<th>EQUIP. NO</th>
<th>LOCATION</th>
<th>SERVICE</th>
<th>MOTOR</th>
<th>BHP/HP</th>
<th>RPM</th>
<th>V/PH/HZ</th>
</tr>
</thead>
<tbody>
<tr>
<td>EF-COMM1</td>
<td>LEVEL 1 COORIDOR</td>
<td>COMM 1003</td>
<td>0.12 / 0.25</td>
<td>1316</td>
<td>115/1/60</td>
<td></td>
</tr>
<tr>
<td>SF-COMM1</td>
<td>LEVEL 1 STAIRCASE</td>
<td>COMM 1003</td>
<td>0.14 / 0.25</td>
<td>1405</td>
<td>115/1/60</td>
<td></td>
</tr>
</tbody>
</table>

**NOTE:** FACTORY PROVIDED STARTER, ELECTRICAL TO PROVIDE DISCONNECT SWITCH.
## PANEL PCB-SP01-N06 SCHEDULE

<table>
<thead>
<tr>
<th>Field</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>225 A</td>
<td></td>
</tr>
</tbody>
</table>

## PANEL PCB-SP01-N08 SCHEDULE

<table>
<thead>
<tr>
<th>Field</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>103 A</td>
<td></td>
</tr>
</tbody>
</table>

## PANEL PCB-SP01-E10 SCHEDULE

<table>
<thead>
<tr>
<th>Field</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>225 A</td>
<td></td>
</tr>
</tbody>
</table>

## PANEL PCB-SP01-E12 SCHEDULE

<table>
<thead>
<tr>
<th>Field</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>109 A</td>
<td></td>
</tr>
</tbody>
</table>

## PANEL PCB-SP01-N17 SCHEDULE

<table>
<thead>
<tr>
<th>Field</th>
<th>Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>225 A</td>
<td></td>
</tr>
</tbody>
</table>