### Notification Appliance Circuit

**Voltage Drop & Power Requirements**

<table>
<thead>
<tr>
<th>Circuit</th>
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</tr>
</thead>
<tbody>
<tr>
<td>Circuit A</td>
<td>Circuit B</td>
<td>Circuit C</td>
<td>Circuit D</td>
</tr>
<tr>
<td>Voltage</td>
<td>Current</td>
<td>Power</td>
<td>Calculation</td>
</tr>
<tr>
<td>110V</td>
<td>10A</td>
<td>1100W</td>
<td>110V x 10A = 1100W</td>
</tr>
<tr>
<td>220V</td>
<td>5A</td>
<td>1100W</td>
<td>220V x 5A = 1100W</td>
</tr>
</tbody>
</table>

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**Battery Calculations**

**FAP-001-37**

<table>
<thead>
<tr>
<th>Component</th>
<th>Rating</th>
<th>Voltage</th>
<th>Capacity</th>
<th>Power</th>
</tr>
</thead>
<tbody>
<tr>
<td>Battery 1</td>
<td>12V</td>
<td>100Ah</td>
<td>1200W</td>
<td>12V x 100Ah</td>
</tr>
<tr>
<td>Battery 2</td>
<td>24V</td>
<td>50Ah</td>
<td>1200W</td>
<td>24V x 50Ah</td>
</tr>
</tbody>
</table>

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**Fire Alarm System Function Chart**

- System Event
  - System Status
  - Power Supply
  - Smoke Detector
  - Heat Detector
  - Water Detector
  - Addressable Panel
  - Control Panel
  - Annunciator

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**Notification Appliance Circuit Schematic**

- Schematic Diagram
  - Circuit A
  - Circuit B
  - Circuit C
  - Circuit D

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** AS BUILT 
09/16/13**