<table>
<thead>
<tr>
<th>NO.</th>
<th>NOTES - SINGLE RACK BDF</th>
<th>PART NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>EQUIPMENT BY NCSU - (1RU) SPACE FOR VOICE GATEWAY</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>EQUIPMENT BY NCSU - (1RU) SPACE FOR HORIZONTAL CABLE MANAGER</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>EQUIPMENT BY NCSU - (1RU) SPACE FOR VOICE PATCH PANEL</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>INSTALL ELEVATION 72 PORT QUICK PORT FLAT PATCH PANEL WITH NO NUMBER LABELS. NO PLUG WITH ELEVATION QUICK PORT CONNECTORS AS REQUIRED. (PART NO. 6A10G-RCS, 6A10G-REWS &amp; 6A10G-REG)</td>
<td>49255-NC5</td>
</tr>
<tr>
<td>5</td>
<td>INSTALL COOPER B-LINE RCM+ RACK MTD HORIZ CABLE MANAGER, PLASTIC FINGER STYLE (3RU), FLAT BLACK</td>
<td>588701953FB</td>
</tr>
<tr>
<td>6</td>
<td>EQUIPMENT BY NCSU - (1RU) SPACE FOR POWERSTRIP</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>INSTALL CORTIN PREMIUM CONNECTOR HOUSING (2RU), EQUIP WITH CONNECTOR PANELS AS REQUIRED (PART NO. CCH-CP12-64 or CCH-CP12-A9)</td>
<td>PCH-02U</td>
</tr>
<tr>
<td>8</td>
<td>EQUIPMENT BY NCSU - (2RU) SPACE FOR UPS</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>INSTALL COOPER B-LINE TWO POST NETWORK EQUIPMENT RACK, 3&quot; UPRIGHTS, 19&quot;W x 84&quot;H, FLAT BLACK</td>
<td>585508940FLB</td>
</tr>
<tr>
<td>10</td>
<td>INSTALL COOPER B-LINE RCM+ RACK MTD VERTICAL CABLE MANAGER, DOUBLE SIDED, W/ EXTENDED DEPTH (FRONT SIDE) FINGER STYLE &amp; STANDARD DEPTH (REAR SIDE), GATE STYLE, 6&quot;W x 20-5/16&quot;D x 84&quot;H, FLAT BACK, W/O COVER. INSTALL BY USING THE TWO SQUARE NOTCH MOUNTING HOLES IN THE FRONT HALF OF THE MANAGER TO FASTEN TO THE SIDE RAIL OF THE EQUIPMENT RACK.</td>
<td>CCB8006004</td>
</tr>
<tr>
<td>11</td>
<td>INSTALL (4) EACH, COOPER B-LINE RCM+ CM PLASTIC GATE SECTIONS, 6&quot;W, SPACED 9&quot; APART, VERTICALLY.</td>
<td>588626KFB</td>
</tr>
<tr>
<td>12</td>
<td>INSTALL (4) EACH, COOPER B-LINE RCM+ CM CABLE RETAINING BARS, 6&quot;W, TWO IN UPPER HALF &amp; TWO IN LOWER HALF OF VERTICAL MANAGERS, EVENLY SPACED.</td>
<td>CCB8006679</td>
</tr>
<tr>
<td>13</td>
<td>INSTALL ONE SIDE, (7) EACH, COOPER B-LINE RCM+ CM PLASTIC CABLE RETAINING GATES, 6&quot;W, SPACED 12&quot; APART VERTICALLY.</td>
<td>588626GTFB</td>
</tr>
<tr>
<td>14</td>
<td>INSTALL (2) ELEVATION HIGH DENSITY CABLE MANAGEMENT BARS ON REAR OF RACK ALIGNED WITH EACH PATCH PANEL.</td>
<td>40005-DMB</td>
</tr>
<tr>
<td>15</td>
<td>EQUIPMENT BY NCSU - INSTALL COOPER B-LINE BLANK FILLER PLATE, FLAT BLACK, ABOVE SWITCH, IN FRONT OF RACK.</td>
<td>SB-5771900FB</td>
</tr>
<tr>
<td>16</td>
<td>EQUIPMENT BY NCSU - (3RU) SPACE FOR NETWORK SWITCH</td>
<td></td>
</tr>
</tbody>
</table>

**EQUIPMENT INSTALLATION**

**TERMINATION/LABELING**

- **Equipment by NCSU**
  - Connect to center lines 56 block with 25 pair connector cable (by NCSU).
  - Connect to VC-224 above with 25 pair connector cable (by NCSU).
- **Equipment by VC**
  - Connect to VC-224 above with 25 pair connector cable (by NCSU).
- **Install 4 pair cat 6A cables to outlets 1-24.**
  - Crimp jack in upper position. Wire jack in
  - Install label on rear of panel. Install label on outlets.
- **Install rack panel above outlet 3.**
  - Use termination/labeling detail.