<table>
<thead>
<tr>
<th>Position</th>
<th>Type</th>
<th>Function</th>
<th>Enclosure Dimensions</th>
<th>Enclosure Description</th>
<th>Enclosure Make &amp; Model</th>
<th>Mounting Style</th>
<th>Reference Detail</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>P6</td>
<td>Ceiling Video Projector Power</td>
<td>120 20 5-20R Workbox with Power Circuit Isolated Ground</td>
<td>Flush in ceiling</td>
<td>18&quot; AFF - FLUSH (UNLESS OTHERWISE INDICATED)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>N1</td>
<td>Wall Technology Systems Power</td>
<td>120 20 5-20R Duplex Receptacle Isolated Ground</td>
<td>18&quot; AFF - FLUSH (UNLESS OTHERWISE INDICATED)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>J4</td>
<td>Wall AV I/O Panel Small</td>
<td>4 11/16&quot; 4 11/16&quot; 2 1/8&quot; Pull Box with Raised Single-Device Cover</td>
<td>Raco 258, 259 or 265</td>
<td>18&quot; AFF - FLUSH</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**General Notes**

- All conduit runs shall be steel, thin-wall electrical metallic tubing (EMT) unless otherwise indicated. Conduit sizes and terminations shall be as shown on drawings or specifications and shall exceed NEC requirements. All racks, metallic backboards, cable sheaths, metallic strength members, splice cases, cable trays, and other metallic components shall be installed with suitable fire stops as required by local codes. All cable and conduit runs shall be identified by section number, identification number, and size as shown on the drawings. The fire stop system and products shall have been tested in accordance with UL procedures and materials shall be UL classified as fire stops. Provide through-penetration fire stops to prevent the spread of fire through openings made in fire-rated walls or floors to accommodate power receptacles indicated on the technology infrastructure drawings. All power receptacles indicated on the technology infrastructure drawings are shown for coordination purposes only. Refer to the electrical drawings for the exact location, cover style and finish. Where sectional drawing references are provided, verify exact location, cover style and finish with the architect prior to installation. If the location of a floor box indicated on the drawings conflicts with the location shown on the floor plan or schedule, the contractor shall consult with the architect for further instructions.

- Where a floor box is required to accommodate audiovisual systems, provide a 3" "L" shaped punch for conduit if required. Order with white paintable cover.

- Audiovisual junction boxes and power leges are available in a variety of styles and finishes. See the schedule of audiovisual systems for additional information.

- Where a floor box is required to accommodate audiovisual systems, provide a 3" "L" shaped punch for conduit if required. Order with white paintable cover.

- Audiovisual junction boxes and power legs are available in a variety of styles and finishes. See the schedule of audiovisual systems for additional information.

- Where a floor box is required to accommodate audiovisual systems, provide a 3" "L" shaped punch for conduit if required. Order with white paintable cover.

- Audiovisual junction boxes and power legs are available in a variety of styles and finishes. See the schedule of audiovisual systems for additional information.
3. REFER TO THE DETAILS LISTED IN THE LEGEND FOR EACH PROJECTION SCREEN TYPE.

PROJECTION SCREEN / VIDEO PROJECTOR RELATIONSHIP (SEE GRAPHIC AND NOTES BELOW)

1. SEE THE ROOM PROJECTION SCREEN SCHEDULE ON THIS SHEET FOR LOCATIONS.
2. PROJECTION SCREEN, PROJECTION SCREEN CONTROL SWITCHES, MOUNTING HARDWARE, CONDUITS, AND ELECTRICAL PROVIDED BY G.C.

VIDEO PROJECTOR MOUNTING STYLE DETAILS

<table>
<thead>
<tr>
<th>TYPE</th>
<th>WIDTH (IW)</th>
<th>DEPTH (ID)</th>
<th>HEIGHT (IH)</th>
<th>WEIGHT (KG)</th>
</tr>
</thead>
<tbody>
<tr>
<td>D</td>
<td>108&quot;</td>
<td>30&quot;</td>
<td>905&quot;</td>
<td>136 1/2&quot;</td>
</tr>
<tr>
<td>C</td>
<td>90&quot;</td>
<td>54&quot;</td>
<td>603&quot;</td>
<td>99 1/2&quot;</td>
</tr>
<tr>
<td>B</td>
<td>79&quot;</td>
<td>140&quot;</td>
<td>167 1/4&quot;</td>
<td>89 1/2&quot;</td>
</tr>
</tbody>
</table>

PROJECTOR & DISPLAY MOUNTING STYLE INSTALLATION

1. The area within dashed lines is for reference only.
2. Backing, Junction Boxes, Conduit and Electrical by G.C.
3. Display, Display Mount and Cabling provided by the Audiovisual Systems Contractor.
4. Display, Display Mount and Cabling provided by the Audiovisual Systems Contractor.

NOTES:

1. SEE THE ROOM DISPLAY SCHEDULE ON THIS SHEET FOR LOCATIONS.
2. BACKING, JUNCTION BOXES, CONDUIT AND ELECTRICAL BY G.C.
3. DISPLAY, DISPLAY MOUNT AND CABLING PROVIDED BY THE AUDIOVISUAL SYSTEMS CONTRACTOR.

ALL DIMENSIONS IN INCHES/WEIGHT IN POUNDS

CASES WHERE CEILING HEIGHT VARIES IN THE FIELD FROM THE DRAWINGS, THE SPECIFIED IMAGE HEIGHT ABOVE FINISHED FLOOR RULES.

REQUIRED BLACK DROP (SEE GRAPHIC ABOVE). THE AMOUNT OF EXCESS BLACK DROP MATERIAL REMAINING ON THE PROJECTION SCREEN SHOULD NEVER EXCEED MORE THAN ONE WRAP.

THE AMOUNT OF EXCESS BLACK DROP MATERIAL REMAINING ON THE PROJECTION SCREEN... TO ITS SPECIFIED BOTTOM OF IMAGE HEIGHT ABOVE FINISHED FLOOR ELEVATION, SHOULD NEVER EXCEED MORE THAN ONE WRAP.

THE PROJECTOR MUST ALWAYS HAVE A CLEAR VIEW OF THE ENTIRE SCREEN IMAGE AREA WITHOUT OBSTRUCTIONS.

[D1x]: IS THE ALLOWABLE +/- VARIANCE IN DISTANCE OF D1 TO ACCOMMODATE STRUCTURAL OR OTHER OBSTRUCTIONS. EXAMPLE: PROJECTOR SUPPORT ASSEMBLY CENTERLINE MAY BE LOCATED BETWEEN 290" TO 310" ON SCREEN CENTERLINE FROM THE PROJECTION SCREEN CENTERLINE.

[D1]: IS THE DISTANCE FROM THE PROJECTION SCREEN SURFACE TO THE CENTER OF THE PROJECTOR CEILING MOUNT ASSEMBLY. IF DISTANCE (D2) MUST BE INCREASED FOR ANY REASON, DISTANCE (D1) MUST BE MAINTAINED.