1. IDF DATA RACK

FRONT ELEVATION

SCALE: NOT TO SCALE

REAR

IDF DATA RACK

EDGE.102

RACK #1

RACK #2

RACK #3

SEE ENLARGED DETAIL ON THIS SHEET

TERMINAL PATCH PANEL

COMMUNICATIONS PATCH PANEL

SCHOOL/SECURITY PATCH PANEL

TYPICAL 120V ISOLATED GROUND OUTLET CONNECTED TO CIRCUIT INDICATED

TYPICAL DOUBLE VERTICAL CABLE ORGANIZER

SEE NOTE 5

SEE NOTE 6

2. IDF DATA RACK

REAR ELEVATION

SCALE: NOT TO SCALE

REAR

IDF DATA RACK

EDGE.102

RACK #1

RACK #2

RACK #3

SEE ENLARGED DETAIL ON THIS SHEET

TERMINAL PATCH PANEL

COMMUNICATIONS PATCH PANEL

SCHOOL/SECURITY PATCH PANEL

TYPICAL 120V ISOLATED GROUND OUTLET CONNECTED TO CIRCUIT INDICATED

TYPICAL DOUBLE VERTICAL CABLE ORGANIZER

SEE NOTE 5

SEE NOTE 6

IDF RACK EQUIPMENT

<table>
<thead>
<tr>
<th>ITEM</th>
<th>DESCRIPTION</th>
<th>PROVIDED BY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>(2) RACKS W/ (2) VERTICAL SECTIONS OF 6-200 WIREMOLD RACKS</td>
<td>CONTRACTOR</td>
</tr>
<tr>
<td>2</td>
<td>TYPICAL DOUBLE VERTICAL CABLE ORGANIZER</td>
<td>CONTRACTOR</td>
</tr>
<tr>
<td>3</td>
<td>(2) 120V ISOLATED GROUND OUTLET CONNECTED TO CIRCUIT INDICATED</td>
<td>CONTRACTOR</td>
</tr>
<tr>
<td>4</td>
<td>(2) 240V ISOLATED GROUND OUTLET CONNECTED TO CIRCUIT INDICATED (PER ITEM)</td>
<td>CONTRACTOR</td>
</tr>
<tr>
<td>5</td>
<td>WARN CAUTION LABEL</td>
<td>CHICAGO PUBLIC SCHOOLS</td>
</tr>
<tr>
<td>6</td>
<td>WARNING</td>
<td>CHICAGO PUBLIC SCHOOLS</td>
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<td>7</td>
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<tr>
<td>8</td>
<td>WARNING</td>
<td>CHICAGO PUBLIC SCHOOLS</td>
</tr>
</tbody>
</table>

NOTES:


2. THE MATERIAL, COLOR AND HEIGHT OF THE RACK(S) SHALL MATCH EXISTING PROCESS(S) AT THE SCHOOL(S) APPROPRIATE.

3. EACH 120V, 20A CIRCUIT, EACH WITH GROUNDED NEUTRAL, EQUIPMENT GROUNDING CONDUCTOR, AND ISOLATED GROUND (240V) CIRCUIT(S). ALL CIRCUITS ARE TO BE CONNECTED TO 30A MAIN CIRCUIT BREAKERS IN PANELBOARD (NONE1).-

4. IDC ROOM FLOOR PLAN SHALL BE A SCALE-DETAILED 1/4" DRAWING. THESE CAN SIT ON A SHELF OR ON TOP OF A SERVER OR SWITCH.

5. DESIGNER, ARCHITECT, AND CONSTRUCTION MANAGER MUST PROVIDE DETAILED INSTALLATION DRAWINGS. THESE CAN SIT ON A SHELF OR ON TOP OF A SERVER OR SWITCH.

6. WHEN APPLICABLE, AS REQUIRED BY THE SCHOOL, A MARKET CONTROL, UNIT SHALL BE INSTALLED IN IDF RACK.

7. 3-INCH WIRE MANAGEMENT CAN BE USED IN LIEU OF 6-INCH WIRE MANAGEMENT PER ACTUAL ROOM LAYOUT. FINAL DIRECTIONS SHALL BE PROVIDED BY CPS-IT.

CHICAGO PUBLIC SCHOOLS
CAPITAL IMPROVEMENT PROGRAM
INFORMATION TECHNOLOGY SERVICES
INFRASTRUCTURE STANDARDS
STANDARD IDF ROOM RACK ELEVATIONS & DETAILS

PROJECT: DVS SYSTEM-DETAILS

INQUIRY: 02/20/18

ED.130