KEYED NOTES:

1. WALL MOUNTED EQUIPMENT CABINET (CONCENTRATOR ENCLOSEMENT).
2. FIBER OPTIC PATCH PANEL WITH 6 LC CONNECTORS AND SIDE RAILS FOR PULL-OUT ACCESS.
3. WIRE MANAGER PANEL.
4. CATEGORY 6 UTP 48 PORT PATCH PANEL.
5. QUADREPLEX ISOLATED GROUND RECEPTACLE MOUNTED IN REAR OF CABINET (NOT SHOWN).
6. 24 OR 48-PORT CISCO NETWORK SWITCH. SEE NOTES 6 AND 7.
7. COPPER EQUIPMENT GROUND BAR PROVIDED WITH ENCLOSURE.
8. ENCLOSURE GROUNDING LUGS, ONE ON EACH VERTICAL SIDE ADDED TO DOOR. SEE NOTE 3.
9. 6 AWG INSULATED GROUND WIRE TO THE AC OUTLET TO PROVIDE EQUIPMENT GROUND.
10. 24/25 PAR VOICE RISER BACKBONE CABLE CATEGORY 5E 110 RACK MOUNT WIRING PANEL TO 110 PATCH PANEL IN WDF ROOM.

NOTES:
1. FOR EQUIPMENT LAYOUT OF LCE SEE SHEET NO. ED.203
2. EACH DATA OUTLET STATION SHALL HAVE A 20A, 120V, 1-PHASE, RECEPTACLE ADJACENT TO IT. THESE RECEPTACLES, SHALL BE ISOLATED GROUND (IG) TYPE AND SHALL BE CONNECTED TO IG PANELBOARDS.
3. IN COMPUTER LABS UP TO 3 PRINTER STATIONS MAY BE PROVIDED. TEACHER STATION HAS ONE PRINTER STATION.
4. TOTAL NUMBER OF STATIONS IN THE COMPUTER LAB IS LIMITED TO 44 THIS INCLUDES STUDENT WORK STATIONS, TEACHER STATION AND PRINTER STATION. IF THE NUMBER OF PRINTER STATIONS IS INCREASED THE NUMBER OF STUDENT STATIONS IS REDUCED ACCORDINGLY, SO THE TOTAL NO. OF STATIONS DOES NOT EXCEED 44.
5. INSTALL GROUND WIRE BETWEEN EQUIPMENT GROUNDING BAR AND DOOR GROUNDING LUG. INSTALL GROUND LUG ON PROVIDED ENCLOSURE DOOR TAB.
6. NEW CONSTRUCTION/CISCO SWITCH PROVIDED AND INSTALLED BY OWNER. (PER ALLcotATION)
7. EXISTING SCHOOL: 24 OR 48-PORT CISCO SWITCH WILL BE PURCHASED AND INSTALLED BY ITS.

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INFRASTRUCTURE STANDARDS
LAB/LIBRARY CONCENTRATOR ENCLOSURE (LCE) CABLE SCHEMATIC