


KEYED NOTES

- ① WALL MOUNTED EQUIPMENT CABINET (CONCENTRATOR ENCLOSURE).
- 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 QUADRUPLIX ISOLATED GROUND (IG) RECEPTACLE (ORANGE) MOUNTED IN REAR OF CABINET IN LEFT HAND CORNER, CONDUIT SHALL BE PLACED IN CORNER OF CONCENTRATOR BEHIND MOUNTING RAIL SO AS NOT TO INTERFERE WITH EQUIPMENT. PROVIDE ONE IG 20A, 120 V, 1-PHASE, DEDICATED, ISOLATED GROUND CIRCUIT.
- ⑥ 24-PORT OR 48-PORT CISCO NETWORK SWITCH. SEE NOTE 5.
- ⑦ COPPER EQUIPMENT GROUND BAR, PROVIDED WITH ENCLOSURE.
- ⑧ ENCLOSURE GROUNDING TERMINAL, ONE ON EACH VERTICAL SIDE ADDED TO DOOR. (SEE NOTE 3)
- ⑨ 19" WIDE EQUIPMENT RACKS.
- ⑩ VENTILATION LOUVERS TO BE PROVIDED ON BOTH SIDE PANELS (LOUVERS ARE NOT SHOWN) WITH LOUVER OPENINGS FACING DOWNWARD.
- ⑪ 48 PORT CAT 5E PATCH PANEL. PORTS 1-24 FOR 25 PAIR CAT 5E. PORTS 25-48 FOR INDIVIDUAL STATION CABLES. TERMINATE PAIR 1 ONLY.

FUTURE CATEGORY 6 UTP 48 PORT PATCH PANEL (BLUE).

NOTES:

1. DOOR IS NOT SHOWN. FOR INFORMATION SEE DETAIL ED.231.
2. FOR CABLING SCHEMATIC SEE DETAIL NO. ED.212.
3. INSTALL GROUND WIRE BETWEEN EQUIPMENT GROUNDING BAR AND DOOR GROUNDING LUG. INSTALL GROUND LUG ON PROVIDED ENCLOSURE DOOR TAB.
4. VERIFY THE OPENING AND CLOSING OF THE ENCLOSURE DOES NOT INTERFERE WITH MILLWORK, LIGHT FIXTURES, CEILING GRID, ETC.
5. CPS TO PROVIDED CISCO SWITCH. (1-2) 24 PORT OR (1) 28 PORT SWITCH(ES). ENCLOSURE MAXIMUM CAPACITY IS 48 PORTS.
6. 1-FT BLUE PATCH CORDS TO BE USED FOR DATA PORT CONNECTIONS. 1-FT PURPLE PATCH CORDS TO BE USED FOR DVS CAMERA CONNECTIONS.

 CHICAGO PUBLIC SCHOOLS CAPITAL IMPROVEMENT PROGRAM INFORMATION TECHNOLOGY SERVICES INFRASTRUCTURE STANDARDS		LAB/LIBRARY CONCENTRATOR ENCLOSURE (LCE) DETAIL		SHEET NO.								
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