

NOTES:

1. DOOR IS NOT SHOWN. FOR INFORMATION SEE DETAIL ED.231.

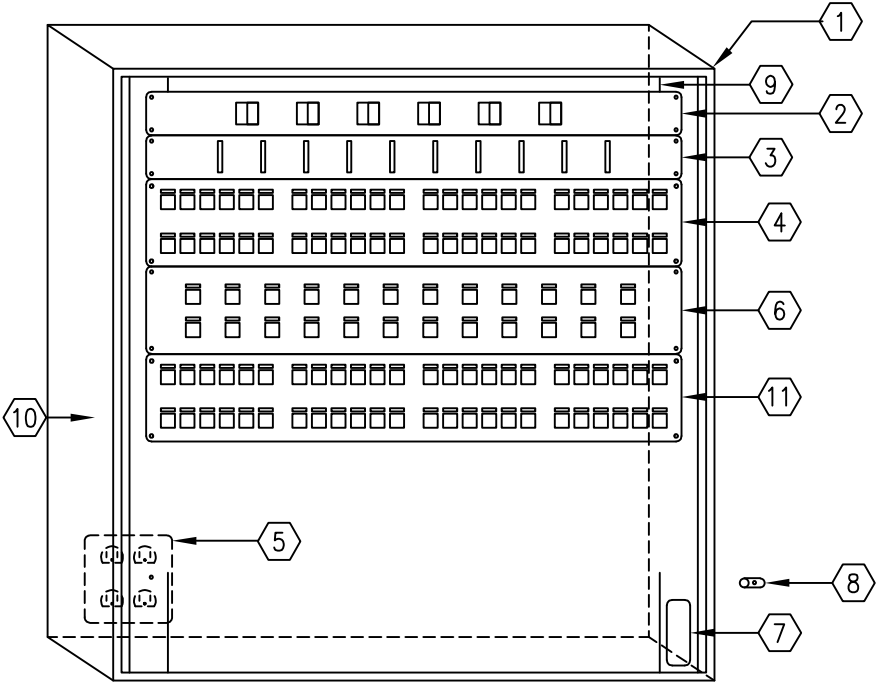
2. FOR CABLING SCHEMATICS, SEE DETAILS ED.211 AND ED.212.

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. DO NOT INTERFERE WITH MILLWORK, LIGHT FIXTURES, CEILING GRID, ETC.

5. CPS TO PROVIDE AND INSTALL CISCO SWITCH. (1-2) 24 PORT OR (1) 48 PORT SWITCHES. ENCLOSURE MAXIMUM CAPACITY IS 48 PORTS.

6. 1-FIT BLUE CAT 6A PATCH CORDS TO BE USED FOR DATA PORT CONNECTION. 1-FIT PURPLE CAT 6e PATCH CORDS TO BE USED FOR DVS CAMERA CONNECTIONS.



ACE
QCE
LCE

ACE - ADMINISTRATIVE CONCENTRATOR ENCLOSURE
QCE - MULTIPLE CLASSROOM CONCENTRATOR ENCLOSURE
LCE - LAB-LIBRARY CONCENTRATOR ENCLOSURE

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 6A UTP 48 PORT PATCH PANEL (ORANGE).
- 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. 48-PORT SWITCH TO BE USED IN ACE/TCE/QCE CONFIGURATIONS. SEE NOTE 5.
- 7 COPPER EQUIPMENT GROUND BUS, PROVIDE WITH ENCLOSURE.
- 8 ENCLOSURE DOOR GROUNDING LUG, ONE ON EACH VERTICAL SIDE ADDED TO DOOR, (SEE NOTE 3)
- 9 19-INCH WIDE EQUIPMENT RACKS.
- 10 VENTILATION LOUVERS TO BE PROVIDED ON BOTH SIDE PANELS (LOUVERS ARE NOT SHOWN) WITH LOUVER OPENINGS FACING DOWNWARD.
- 11 CATEGORY 6A UTP 48 PORT PATCH PANEL (BLUE).



CHICAGO PUBLIC SCHOOLS
CAPITAL IMPROVEMENT PROGRAM
INFORMATION TECHNOLOGY SERVICES
INFRASTRUCTURE STANDARDS

CLASSROOM CONCENTRATOR ENCLOSURE
(ACE/QCE/LCE) DETAIL

DESIGNED CPS	PROJECT NUMBER SCALE NONE DATE 09/15/25			SHEET NO. ED.201
DRAWN CPS				
CHECKED CPS				
APPROVED CPS				
NO.	DATE	REVISION	BY	