



- NOTES:**
- FOR EQUIPMENT LAYOUT OF QCE, SEE DETAIL ED.201.
 - EACH DATA OUTLET STATION SHALL HAVE A 20A, 120V, 1-PHASE, DUPLEX RECEPTACLE ADJACENT TO IT. THESE DUPLEX RECEPTACLES, SHALL BE ISOLATED GROUND (IG) (ORANGE) TYPE AND SHALL BE CONNECTED TO IG PANELBOARDS.
 - INSTALL GROUND WIRE BETWEEN EQUIPMENT GROUNDING BAR AND DOOR GROUNDING LUG. INSTALL GROUND LUG ON PROVIDED ENCLOSURE DOOR TAB.
 - CPS TO PROVIDE AND INSTALL CISCO SWITCH. (1-2) 24 PORT OR (1) 48 PORT SWITCHES. ENCLOSURE MAXIMUM CAPACITY IS 48 PORTS.

- KEYED NOTES**
- WALL MOUNTED EQUIPMENT CABINET (CONCENTRATOR ENCLOSURE).
 - FIBER OPTIC PATCH PANEL WITH 6 LC CONNECTORS AND SIDE RAILS FOR PULL-OUT ACCESS.
 - #6 AWG INSULATED GROUND WIRE TO THE ALT. CURRENT (AC) OUTLET TO PROVIDE EQUIPMENT GROUND.
 - CATEGORY 6 UTP 48-PORT PATCH PANEL (ORANGE).
 - 48-PORT CAT 5E PATCH PANEL. PORTS 1-24 FOR 25 PAIR CAT 5E CABLES, PORTS 25-48 FOR FUTURE VOICE CONNECTIONS.
 - 24-PORT OR 48-PORT CISCO NETWORK SWITCH SEE NOTE 4.
 - COPPER EQUIPMENT GROUND BAR. PROVIDED WITH ENCLOSURE.
 - ENCLOSURE GROUNDING LUG, ONE ON EACH VERTICAL SIDE ADDED TO DOOR. SEE NOTE 3.
 - CATEGORY 6 UTP 48-PORT PATCH PANEL (BLUE).

LCE - LABORATORY CONCENTRATOR ENCLOSURE
 QCE - MULTIPLE CLASSROOM CONCENTRATOR ENCLOSURE

CHICAGO PUBLIC SCHOOLS
 CAPITAL IMPROVEMENT PROGRAM
 INFORMATION TECHNOLOGY SERVICES
 INFRASTRUCTURE STANDARDS
 CONCENTRATOR ENCLOSURE
 (LCE,QCE) CABLING SCHEMATIC

DESIGNED CPS	PROJECT NUMBER	SCALE NONE	DATE 01/05/18	SHEET NO. ED.211
DRAWN CPS				
CHECKED CPS				
APPROVED CPS				
NO.	DATE	REVISION	BY	