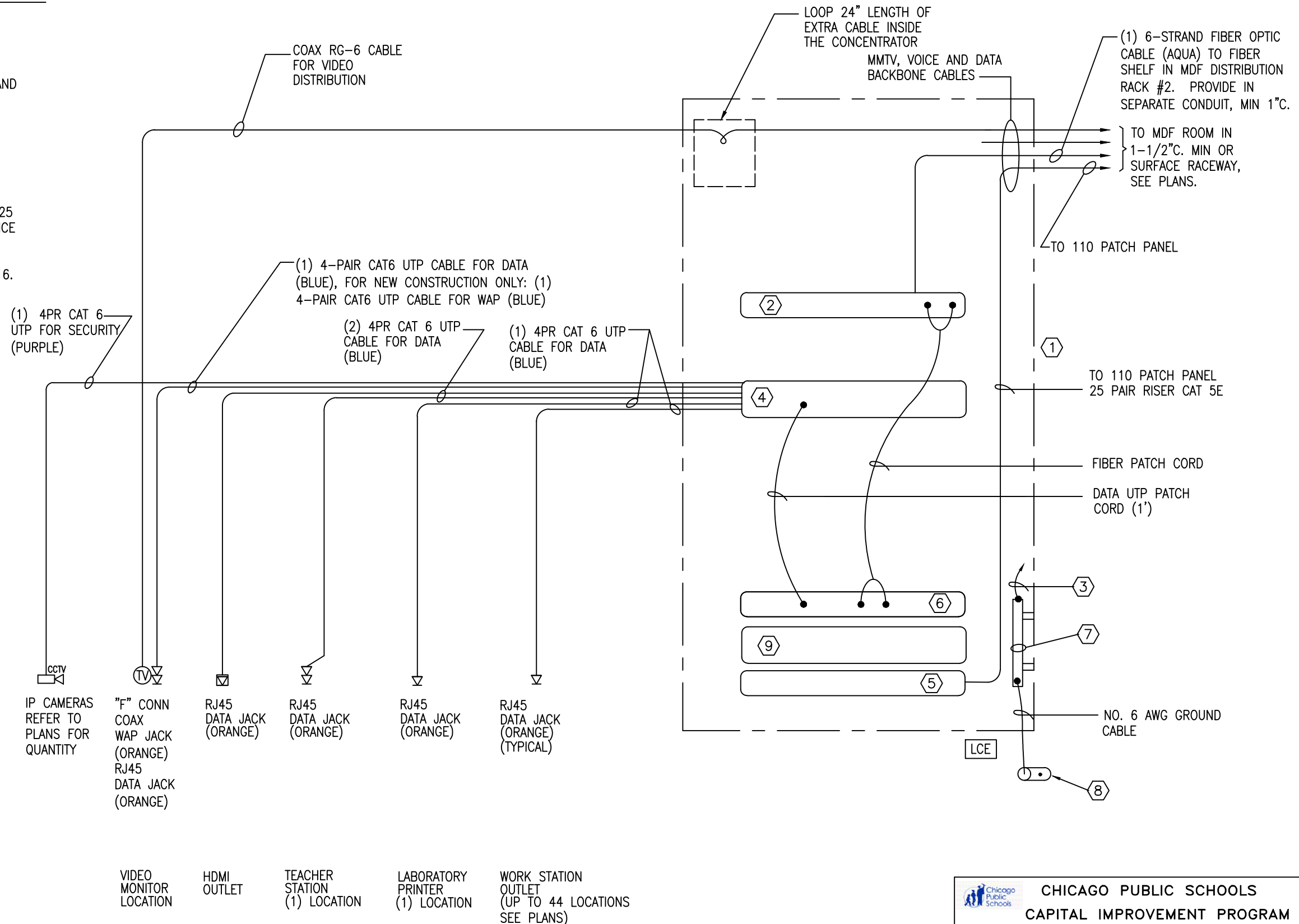


KEYED NOTES:

- ① WALL MOUNTED EQUIPMENT CABINET (CONCENTRATOR ENCLOSURE).
- ② FIBER OPTIC PATCH PANEL WITH 6 LC CONNECTORS AND SIDE RAILS FOR PULL-OUT ACCESS.
- ③ #6 AWG INSULATED GROUND WIRE TO THE AC OUTLET TO PROVIDE EQUIPMENT GROUND.
- ④ CATEGORY 6 UTP 48 PORT PATCH PANEL (ORANGE).
- ⑤ 48-PORT CAT 5E PATCH PANEL. PORTS 1-24 FOR 25 PAIR CAT 5E CABLES, PORTS 25-48 FOR FUTURE VOICE CONNECTIONS.
- ⑥ 24 OR 48-PORT CISCO NETWORK SWITCH. SEE NOTE 6.
- ⑦ COPPER EQUIPMENT GROUND BAR PROVIDED WITH ENCLOSURE.
- ⑧ ENCLOSURE GROUNDING LUG, ONE ON EACH VERTICAL SIDE ADDED TO DOOR. SEE NOTE 3.
- ⑨ CATEGORY 6 UTP 48-PORT PATCH PANEL (BLUE).

- NOTES:
1. FOR EQUIPMENT LAYOUT OF LCE SEE SHEET NO. ED.203.
 2. EACH DATA OUTLET STATION SHALL HAVE A 20A, 120V, 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 STATION 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. CPS TO PROVIDE AND INSTALL CISCO SWITCH. (1-2) 24 PORT OR (1) 48 PORT SWITCHES. ENCLOSURE MAXIMUM CAPACITY IS 48 PORTS.



CHICAGO PUBLIC SCHOOLS
CAPITAL IMPROVEMENT PROGRAM
INFORMATION TECHNOLOGY SERVICES
INFRASTRUCTURE STANDARDS
LAB/LIBRARY CONCENTRATOR
ENCLOSURE (LCE) CABLING SCHEMATIC

	DESIGNED CPS				SHEET NO.
	DRAWN CPS				ED.213
	CHECKED CPS	PROJECT NUMBER	SCALE NONE	DATE 02/13/19	
	APPROVED CPS				
NO.	DATE	REVISION	BY		