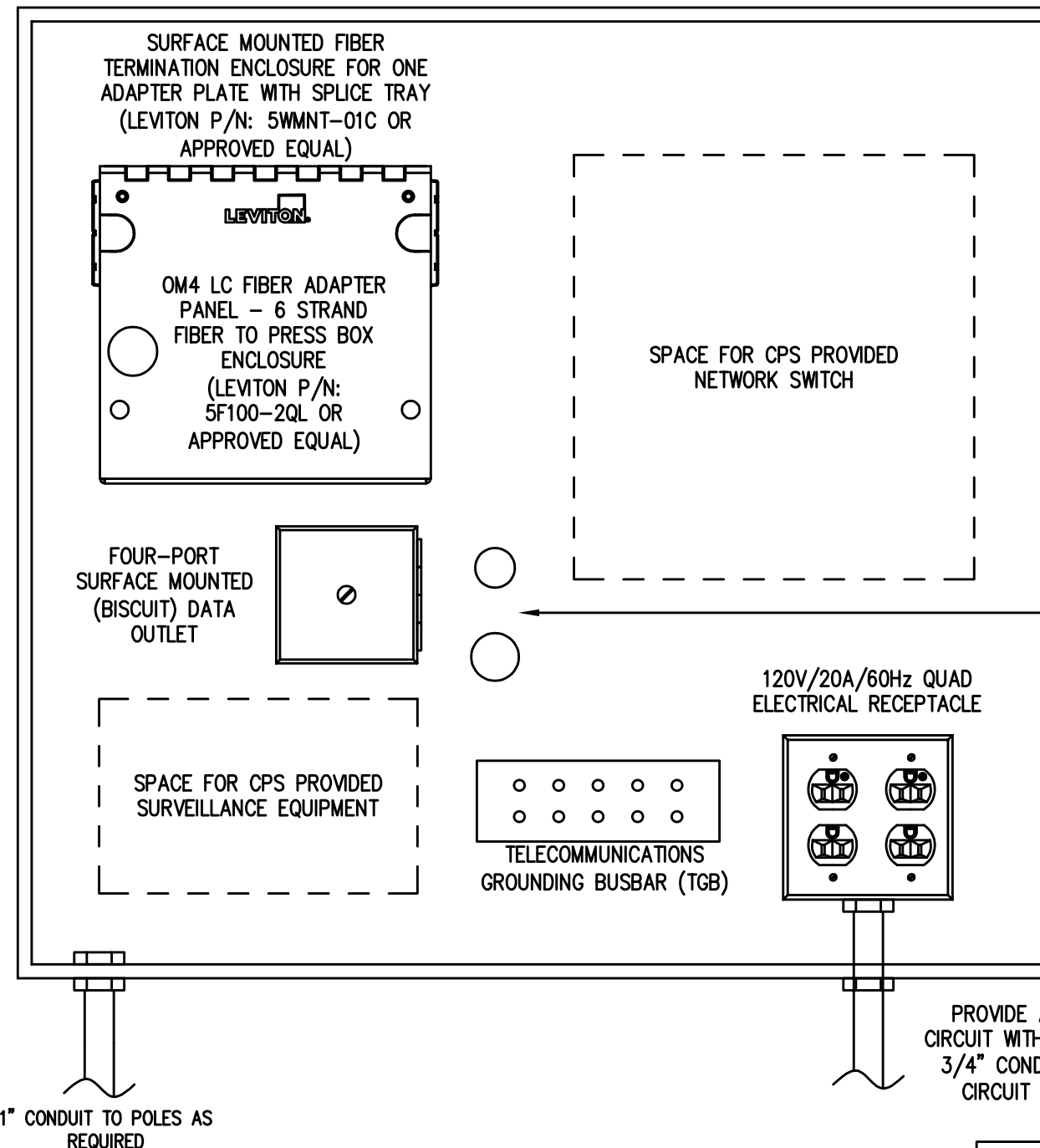




2 CORES FOR CABLE ENTRANCE
W/ SLEEVES
-3/4" POWER
-1" FIBER AND COPPER CABLES
TO WIRELESS BRIDGE

PROVIDE A DEDICATED 120V, 20A BRANCH
CIRCUIT WITH 2 #12 & 1 #12 EQUIP. GRD., IN A
3/4" CONDUIT ROUTED TO EXISTING BRANCH
CIRCUIT ISOLATED GROUND PANELBOARD

NOTE

1. PROVIDE A 24"W x 24"L x12"D NEMA 4X RATED ENCLOSURE WITH LOCKING DOOR.
2. THE ENCLOSURE'S DOOR SHALL BE MONITORED BY DOOR POSITION SWITCH CONNECTED TO THE EXISTING HONEYWELL VISTA 50P INTRUSION DETECTION SYSTEM.
3. EACH COMPONENT SHALL BE MOUNTED WITH A MINIMUM OF 2" OF SPACE BETWEEN ADJACENT COMPONENTS OR THE ENCLOSURE WALL.
4. REFER TO SITE PLAN AND DETAILS FOR CABLE REQUIREMENTS AND ROUTING.
5. PROVIDE A 6AWG GROUNDING CABLE CONNECTION FROM IT ENCLOSURE TGB BACK TO NEAREST ELECTRICAL GROUNDING SYSTEM.

6. CONTRACTOR TO PROVIDE ONE SIX STRAND OM3 FIBER CABLE TO EACH POLE RECEIVING CAMERAS IN EXCESS OF 300 FEET FROM THIS POLE. PROVIDE CAT6A FOR POLES LESS THAN 300 FEET FROM THIS POLE.
7. PROVIDE PLUGS TO ENSURE WATER DOES NOT SEEP INTO THE ENCLOSURE.

-	07/06/2026	FY27 DRAWING UPDATES	
NO.	DATE	REVISION	BY

 CHICAGO PUBLIC SCHOOLS CAPITAL IMPROVEMENT PROGRAM INFORMATION TECHNOLOGY SERVICES			
INFRASTRUCTURE STANDARDS			
EXTERIOR IT ENCLOSURE FOR CONNECTIVITY TO WIRELESS BRIDGE			
DESIGNED CPS	PROJECT: ITS SYSTEM-DETAILS		SHEET NO. ED.242B
DRAWN CPS			
CHECKED CPS	PROJECT NUMBER	SCALE NTS	DATE 07/06/2026
APPROVED CPS			