

DESIGN CRITERIA

1. Applicable Sections. Section 26 05 00 applies. Refer to Design Standard 26 27 26-02, 26 27 26-03, 27 15 00-03, 27 15 00-09, 27 15 00-10, 27 15 00-11, 27 15 00-12. Select standards that apply.
2. Provide Tele-Power Poles:
 - A. Rough-in cables for overhead power and communications wiring from cable trays to checkout stands. (Using Tele-Power poles to be furnished, installed and wired by the government via contract with IBM.)
 - B. For connecting to overhead cable trays where used for flexible overhead interior power and communications wiring at gondola shelving, as an alternative to wiring in conduit or under floors. Consider this method for connecting other free-standing equipment or modular office furniture located away from walls.
3. Size and Type.
 - A. Select tele-power pole size in accordance with NEC for the conductors required. Include all size information on the construction documents.
 - B. Type: Steel or aluminum, single- or double-compartment, with required communications and/or electrical receptacle outlets or other fittings. Select or specify painting a color that is complimentary to the surroundings.
 - C. Fittings: Provide ceiling trim, end J-boxes, scuff boots, cable tray connectors, flexible conduit connectors, etc., as required for a complete power and/or communications drop.
 - D. Provide products that are U.L. listed, with housing approved as a grounding conductor.
 - E. Typical Product for use at commissary check stands: Wiremold 25DTP-4 Series, length as required (10', 12', or 15'), or equal.
4. Install tele-power poles in accordance with the NEC, NECA, and manufacturer's instructions. Support and anchor the equipment solidly. Maintain separation of power and communication cables throughout the system.
5. Specifications: Guide Spec Section 26 27 26, Wiring Devices, covers this equipment under "service poles". Edit to suit project conditions.

END OF SECTION