

**SECTION 26 27 23
INDOOR SERVICE POLES**

PART 1 GENERAL

1.1 SECTION INCLUDES

- A. Indoor service poles

1.2 REFERENCES

- A. NFPA 70 - National Electrical Code
- B. NEMA WD 6 – Wiring Devices – Dimensional Specifications

1.3 SUBMITTALS

- A. Submit product data under provisions of Section 01 33 00.
- B. Product Data: Indicate materials, finishes, receptacle and connector configuration, and attachment details.

1.4 QUALIFICATIONS

- A. Manufacturer: Company specializing in manufacturing Products specified in this Section with minimum three years experience.

1.5 PROJECT CONDITIONS

- A. Verify field measurements are as shown on Drawings.
- B. Locations of indoor service poles shown on Drawings are approximate unless dimensioned.
 - 1. Determine actual furniture arrangement and locate poles as required to accommodate furniture layout.

1.6 COORDINATION

- A. Coordinate work under provisions of Section 01 31 00.
- B. Coordinate work with telephone cable installer.
- C. Coordinate work with data-communications cable installer.

PART 2 PRODUCTS

2.1 MANUFACTURERS

- A. Wiremold
- B. Square "D"
- C. Substitutions: Under provisions of Section 01 60 00

2.2 MATERIALS

- A. Main Body: Steel
- B. Cover Plates: Steel

2.3 COMPONENTS

- A. Convenience Receptacle Configuration: NEMA WD 6; Type 5-20
- B. Foot: Suitable for floor finish as indicated
- C. Provide concealed top clamp to fasten pole to inverted "T" grid ceiling suspension member.

2.4 ACCESSORIES

- A. Provide trim plate for closing ceiling opening.

PART 3 EXECUTION

3.1 EXAMINATION

- A. Verify under provisions of Section 01 31 00.
- B. Verify that installation of ceiling suspension system is complete.
- C. Verify that floor covering installation is complete.

The School District of Palm Beach County

Project Name:

SDPBC Project No.:

- D. Verify branch circuit wiring installation is complete, tested, in proper location and ready for connection to indoor service poles.
- E. Verify telephone raceway installation is complete, in proper location and ready for connection to indoor service poles.
- F. Verify data-communication raceway installation is complete, in proper location and ready for connection to indoor service poles.

3.2 INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Install poles plumb.
- C. Fasten to floor with screws, bolts.
- D. Make wiring connections to branch circuit outlets using flexible conduit under Provisions of Section 25 05 33.
- E. Bond the equipment grounding conductor and body of pole, to branch circuit equipment grounding conductor.
- F. Neatly cut openings in ceiling panels and install trim plate.

3.3 INTERFACE WITH OTHER PRODUCTS

- A. Interface with installation of telephone cable and connectors.
- B. Interface with installation of data communications cable and connectors.

END OF SECTION