**SECTION 26 27 23**

**INDOOR SERVICE POLES**

**PART 1 GENERAL**

1. SECTION INCLUDES
   1. Indoor service poles
2. REFERENCES
   1. NFPA 70 - National Electrical Code
   2. NEMA WD 6 – Wiring Devices – Dimensional Specifications
3. SUBMITTALS
   1. Submit product data under provisions of Section 01 33 00.
   2. Product Data: Indicate materials, finishes, receptacle and connector configuration, and attachment details.
4. QUALIFICATIONS
   1. Manufacturer: Company specializing in manufacturing Products specified in this Section with minimum three years experience.
5. PROJECT CONDITIONS
   1. Verify field measurements are as shown on Drawings.
   2. 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.
6. COORDINATION
   1. Coordinate work under provisions of Section 01 31 00.
   2. Coordinate work with telephone cable installer.
   3. Coordinate work with data-communications cable installer.

**PART 2 PRODUCTS**

1. MANUFACTURERS
   1. Wiremold
   2. Square "D"
   3. Substitutions: Under provisions of Section 01 60 00
2. MATERIALS
   1. Main Body: Steel
   2. Cover Plates: Steel
3. COMPONENTS
   1. Convenience Receptacle Configuration: NEMA WD 6; Type 5-20
   2. Foot: Suitable for floor finish as indicated
   3. Provide concealed top clamp to fasten pole to inverted "T" grid ceiling suspension member.
4. ACCESSORIES
   1. Provide trim plate for closing ceiling opening.

**PART 3 EXECUTION**

1. EXAMINATION
   1. Verify under provisions of Section 01 31 00.
   2. Verify that installation of ceiling suspension system is complete.
   3. Verify that floor covering installation is complete.
   4. Verify branch circuit wiring installation is complete, tested, in proper location and ready for connection to indoor service poles.
   5. Verify telephone raceway installation is complete, in proper location and ready for connection to indoor service poles.
   6. Verify data-communication raceway installation is complete, in proper location and ready for connection to indoor service poles.
2. INSTALLATION
   1. Install in accordance with manufacturer's instructions.
   2. Install poles plumb.
   3. Fasten to floor with screws, bolts.
   4. Make wiring connections to branch circuit outlets using flexible conduit under Provisions of Section 25 05 33.
   5. Bond the equipment grounding conductor and body of pole, to branch circuit equipment grounding conductor.
   6. Neatly cut openings in ceiling panels and install trim plate.
3. INTERFACE WITH OTHER PRODUCTS
   1. Interface with installation of telephone cable and connectors.
   2. Interface with installation of data communications cable and connectors.

END OF SECTION