SECTION 26 2726

WIRING DEVICES

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Receptacles.

1.2 RELATED SECTIONS

A. Boxes: Section 26 0534.

B. Identification: Section 26 0553.

C. Toggle / snap switches for lighting: Section 26 0923.

1.3 REFERENCES

A. ANSI/NEMA WD 6: Wiring Devices - Dimensional Specifications.

B. NEMA WD 1: General Color Requirements for Wiring Devices.

C. UL 498: Attachment Plugs and Receptacles.

1.4 SUBMITTALS

A. Product data: Each type of device used in the project.

PART 2 - PRODUCTS

2.1 RECEPTACLES

A. Acceptable manufacturers:

1. Arrow Hart/Eaton Wiring Devices
2. Hubbell/Bryant Electric
3. Legrand/Pass & Seymour (P&S)
4. Leviton Manufacturing Co.

B. Receptacles: NEMA 5-20R, 20-ampere rating, 125 volts AC, 2-pole, 2-wire plus ground, conforming to NEMA WD 1 and WD 6 configuration numbers, and UL 498.

1. Specification grade: General-use, duplex: P&S TR5362, hard-use, tamper-resistant.

C. Device color: White.

D. Device covers: Wall plates: Type 302 stainless steel.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install devices in complete compliance with the manufacturer's recommendations.

B. Arrangement of devices: Unless otherwise indicated, mount flush with long dimension vertical. Group adjacent devices under single multi-gang wall plates.

C. Receptacles: Install ground pin of vertically mounted receptacles up.

D. Wall plates: Do not use oversized or extra-deep plates. Repair wall finishes and remount outlet boxes when standard wall plates do not fit flush or do not cover rough wall opening.

3.2 IDENTIFICATION

A. Comply with Section 26 0553 "Identification for Electrical Systems."

B. Identify receptacles with panelboard identification and circuit number. Use self-adhesive labeling.

3.3 FIELD QUALITY CONTROL

A. Perform tests and inspections.

B. Tests and inspections:

1. After installing devices and after electrical circuitry has been energized, test for compliance with requirements.
2. Receptacles:

    a. Insert and remove test plug to verify that device is securely mounted.
    b. Verify polarity of hot and neutral pins.
    c. Measure line voltage.
    d. Measure grounding circuit continuity; impedance shall be not greater than 2 ohms.

C. Correct malfunctioning devices on-site, where possible, and retest to demonstrate compliance; otherwise, replace with new devices and retest.

END OF SECTION