

SECTION 26 27 26 - WIRING DEVICES

PART 1 - GENERAL

1.1 SECTION INCLUDES

- A. Wall switches.
- B. Receptacles.
- C. Device plates.

1.2 RELATED SECTIONS

- A. Section 26 05 33 – Raceway and Boxes for Electrical Systems.
- B. Section 26 09 43 – Lighting Controls.

1.3 REFERENCES

- A. NEMA WD 1 - General Purpose Wiring Devices.
- B. NEMA WD 6 - Wiring Device Configurations.

1.4 SUBMITTALS

- A. Submit under provisions of Division 01 and Section 26 00 00.
- B. Product Data: Provide manufacturer's catalog information showing dimensions, colors, and configurations for all wiring devices.

1.5 REGULATORY REQUIREMENTS

- A. Conform to requirements of ANSI/NFPA 70.
- B. Furnish products listed and classified by Underwriters Laboratories, Inc. as suitable for purpose specified and shown.

PART 2 - PRODUCTS

2.1 WIRING DEVICES

- A. *Leviton* model numbers are listed below to establish configuration and type. Equal devices by other manufacturers listed herein will be accepted.
 - 1. *Hubbell*
 - 2. *Pass & Seymour*
 - 3. *Bryant*

4. Substitutions: None permitted.
- B. Wall Switches
1. Description: style NEMA WD 1, heavy-duty, AC only general-use snap witch.
 2. Device Body: Ivory plastic with toggle handle.
 3. Voltage Rating: 120-277 volts, AC.
 4. Current Rating: 20 amperes.
 5. Model Number: *Leviton CSB1-20I*.
- C. Boiler Cut-Off Switches
1. Description: Heavy-duty, AC only, double pole single throw snap switch.
 2. Device Body: Red plastic with toggle handle.
 3. Voltage Rating: 120-277 volts AC.
 4. Current Rating: 20 amperes.
 5. Model Number: *Leviton 1122-2R*
- D. General Use Receptacles
1. Description: NEMA WD 1; heavy-duty type, 125-volt grounded duplex receptacle.
 2. Device Body: Ivory, nylon face.
 3. Configuration: NEMA 5-20.
 4. Model number: *Leviton CR20-I*.
- E. Ground Fault Receptacles
1. Description: UL 498, 544, 943; 125 volt, ground fault interrupt type duplex receptacle with TEST and RESET.
 2. Device Body: Ivory, Thermoplastic.
 3. Configuration: NEMA 5-20.
 4. Model Number: *Leviton 8898-I*.
- F. Wall Plates
1. Decorative Cover Plate: Smooth nylon.
 - a. Standard Devices: Ivory color.
 - b. Boiler Cut-Off Switches: Red color, engraved: "EMERGENCY."
- G. Wall Dimmers
1. Wall dimmers to lighting shall be as specified under Section 26 09 43.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Verify outlet boxes are installed at proper height.
- B. Verify wall openings are neatly cut and will be completely covered by wall plates.
- C. Verify branch circuit wiring installation is completed, tested, and ready for connection to wiring devices.

3.2 PREPARATION

- A. Provide extension rings to bring outlet boxes flush with finished surface.
- B. Clean debris from outlet boxes.

3.3 INSTALLATION

- A. Install products in accordance with manufacturer's instructions.
- B. Install devices plumb and level.
- C. Install switches with OFF position down.
- D. Install receptacles with grounding pole on top.
- E. Connect wiring device grounding terminal to branch circuit equipment grounding conductor.
- F. Install decorative plates on switch, receptacle, and blank outlets in finished areas.
- G. Install galvanized steel plates on outlet boxes and junction boxes in unfinished areas, above accessible ceilings, and on surface mounted outlets.
- H. Provide ground fault GFCI receptacles where receptacles are located within six (6) feet of a sink.

3.4 INTERFACE WITH OTHER PRODUCTS

- A. Install wall switches 48 inches above finished floor.
- B. Install convenience receptacles 18 inches above floor, or as noted on the Drawings.

3.5 FIELD QUALITY CONTROL

- A. Inspect each wiring device for defects.
- B. Operate each wall switch with circuit energized and verify proper operation.
- C. Verify that each receptacle device is energized.
- D. Test each receptacle device for proper polarity.
- E. Test each GFCI receptacle device for proper operation.

3.6 ADJUSTING

- A. Adjust devices and wall plates to be flush and level.

END OF SECTION 26 27 26