SECTION 26 27 26: WIRING DEVICES

1. GENERAL
   A. Use heavy-duty, commercial specification grade type for receptacles and wiring devices
   B. Emergency Outlets: All outlets and switches connected to Emergency or Standby power circuits shall be red with red color plate
   C. Wiring Device Faceplates:
      1. Stainless steel
      2. Colored plates: unbreakable nylon
      3. Weatherproof cover plate: gasketed cast metal plate with hinged and gasketed device cover
      4. Wet locations with connected cords: gasketed, “weathertight when in use” cover plates and gasketed device cover
   D. Wiring device mounting boxes to be metallic
   E. All receptacles, within mechanical rooms, utility vaults and other wet locations, shall be GFCI type.
   F. Mounting heights for wiring devices shall be as follows, with heights to center of outlet boxes:
      1. Wall switches and dimmers - 48” Aff
      2. Wall Receptacles - 18” Aff
      3. Counter and bench receptacles – 42” Aff
   G. Receptacles:
      1. Wiring devices used for convenience receptacles shall be minimum 20-amp, 125 volt, NEMA 5-20R, heavy-duty general use rated, with back and side wiring.
      2. Duplex receptacles equipped with ground fault circuit interrupters or arc-fault circuit interrupters shall be commercial-duty, feed through type
   H. Switches:
      1. Switches used for lighting and switching of branch circuit loads shall be minimum 20-amp, 120/277 volts rated, NEMA type WD 1, Heavy-Duty AC only, general-use snap switch with back and side wiring
   I. Multi-Outlet Surface Raceway Assembly (where allowed):
      1. Size: Series 2000 minimum for “plugmold” applications; series 700 for restoration work, series 4000 for laboratory applications
      2. Manufacturers:
         • Wiremold
         • Hubbell
J. Floor Boxes:
   1. Covers and floor plates to be brass or stainless steel in exposed high traffic areas; plastic allowed in conference rooms.
   2. Manufacturers:
      • Hubbell

K. Label each wiring device faceplate (receptacles and switches) with source panel and circuit number; labels to be machine-labeled

L. When more than two circuit conductors are present in an outlet box, the conductors shall be “pig-tailed” so that removal of the device at some future date does not interrupt the continuity of the remainder of the circuit.

M. Install receptacles with grounding pole on top or to the left when looking at it

N. Connect wiring devices using screw terminals: push-in connections are not acceptable