

SECTION 16140 (26 27 26)

WIRING DEVICES

Part 1 -Design Directives

- Specification grade duplex receptacles shall be U-ground and rated for 125 Volt, 20 amps. Hubbell wiring devices are preferred.
- Receptacles shall be extra heavy-duty industrial grade.
- Exceptions are – GFCI, Tamper Resistant. (because they are not available from any manufacturer)
- Duplex receptacles equipped with ground fault circuit interrupters shall be hospital specification grade, feed through type.
- Residence Hall rooms, residence hall study rooms, shall have one receptacle with dual USB charging ports located near the desk location.
- Offices shall have one receptacle with dual USB charging ports located near the desk location.
- Toggle switches shall be full size, heavy duty, and AC type rated for 120/277 volts and 20 amps.
- Switches for mechanical, electrical and other utility type spaces shall have pilot lights.
- The architect in consultation with the Dartmouth College project manager shall determine color.
- Special purpose receptacles shall be U-ground specification grade with back and side wiring.
- Device plates shall be brushed stainless steel.
- Non-stainless-steel device plates, as may be accepted per architectural design, shall be nylon.
- Factory colored stainless steel plates are also acceptable when the architect specifies color.

Part 2 -Products

Hubbell, Leviton, Pass & Seymour, and equal.

Part 3 -Execution

All devices shall be securely installed with the ears of the device yoke mated flush to the building finish. In locations where device ears do not mate to the building finish, UL listed spacers may be used to ensure the device is properly fastened to the box.

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.