



DESIGN REQUIREMENTS

WIRING DEVICES

GENERAL INFORMATION

- 1.1 This section applies to wiring devices.

DESIGN REQUIREMENTS

- 2.1 All devices shall be Specification/Industrial heavy-duty "decorator" grade. Commercial grade devices are not acceptable.
- 2.2 Install switches with "OFF" position down and receptacles with grounding pole on bottom.
- 2.3 Install blank wall plates on outlet boxes that are for future equipment except telephone and data outlets, which shall be provided with integral electronic jack, suitable for the specified system. Consult with Columbia IT personnel.

CONSTRUCTION REQUIREMENTS

- 3.1 All receptacles shall be grounding type to accommodate a separate physical connection from the ground wire to the outlet.
- 3.2 Where convenience receptacles fed are from a Generator, the outlets shall be RED.
- 3.3 Where convenience receptacles are fed from an Uninterruptible Power Supply, the device plate shall be engraved "UPS" with the letters filled with red enamel.
- 3.4 Arc Fault Circuit Interrupter (AFCI): Do not use AFCI receptacles. Where circuits require AFCI protection, use AFCI type circuit breakers to protect the entire circuit.
- 3.5 Weatherproof Receptacles: Provide corrosion resistant receptacle in a cast metal box with a gasketed, weatherproof, cast-metal cover plate and a gasketed cap over each receptacle such that the receptacle will not be affected by rain when the plug cap is installed. The cap(s) shall be provided with a spring-hinged flap. Receptacle shall be UL approved for use in "wet location" and shall have integral GFCI protection or shall be protected by a GFCI breaker.



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REFERENCE

- 4.1 The applicable CSI Specification Section is 262726.