SECTION 26 0534

BOXES

PART 1 - GENERAL

1.1 SECTION INCLUDES

A. Boxes with covers.

1.2 RELATED SECTIONS

A. Conduits: Section 26 0533.

B. Wiring devices: Section 26 2726.

C. Outlet boxes where required for special systems: Provided by the equipment manufacturers of the various systems.

1.3 SUBMITTALS

A. Product data: Each type of box included in the project.

PART 2 - PRODUCTS

2.1 MATERIALS

A. Outlet, switch, and junction boxes: Sheet metal: NEMA OS 1, sherardized or galvanized stamped.

2.2 JUNCTION AND PULL BOXES

A. Junction and pull boxes in feeder conduit runs: Galvanized, of size required for conduit arrangement and not less than the size required by NFPA 70, and furnished with screwed covers.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Provide box at each outlet, switch, and appurtenance. Each box shall be of a type suitable for the duty intended and shall be installed in accordance with the manufacturer's instructions.

B. Coordinate locations of boxes with installation of conduit as specified in Section 26 0533.

C. Firmly secure the boxes in place, plumb, level, and with front of device cover even with finished wall surface.

D. Outlet boxes used for supporting lighting fixtures: Furnish with malleable iron fixture studs of "No-Bolt" type, secured by locknut. Provide structural channel supports for boxes occurring in ceilings. Outlets in ceilings directly on bottom of joists shall be supported independent of ceiling construction. Outlets in suspended ceilings shall not be supported from ceiling construction. Special supports for boxes shall be as directed and approved by the Engineer.

E. Provide a single cover plate where two or more devices are grouped together in one box.

F. Verify door swings with door frame installed before locating switch outlets.


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## 3.2 IDENTIFICATION

A. Identification on outside covers of pull and junction boxes in ceiling space or exposed on walls: Paint with colored enamel or mark with permanent waterproof black marker, or both, as specified.

   1. Fire alarm system: Red.
   2. Power: Panelboard designation and circuit number(s).

B. Identification inside boxes for recess-mounted or concealed in walls and partitions: Plasticized card stock tags marked with permanent waterproof black markers.

   1. Fire alarm system: Fire alarm.
   2. Power: Panelboard designation and circuit number(s).

END OF SECTION


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