

SECTION 16130

BOXES

A. Wall and Ceiling Outlet Boxes

1. In general wall outlet boxes shall be galvanized steel, 4" square with depth as required by devices or conduits. Specify partitioned multi-ganged switch boxes where voltage between exceeds 300 volts. Plaster rings shall be used for single gang devices. Telecommunication outlets shall be a minimum of 2-1/8" deep. See I.U. Standard Outlet details for installation requirement. In exterior or damp locations use cast metallic boxes type FD or FS.
2. Ceiling outlet boxes shall be galvanized steel and rated and installed to support fixture or equipment weight.
3. Wall boxes shall not be installed in any "through wall" manner. This includes back-to-back installation, and back-to-back with nipple connections.

B. Floor Boxes

Floor boxes shall be fully adjustable style cast metal where used at or below grade and fully adjustable style formed steel above grade level.

C. Pull and Junction Boxes

1. Where installed indoors use galvanized sheet steel NEMA I enclosure with baked enamel finish. Boxes shall have screw cover.
2. Where installed outdoors or in damp or wet locations use NEMA type 3R or 4 gasketed enclosure with screw cover.
3. Where cast outlet boxes are installed use cast metal surface mounted pullbox.

D. Identification

Pull and outlet boxes located in ceiling spaces and in unfinished areas of building shall be legibly identified on exterior with permanent markers indicating the circuits contained within and panel serving circuits.