SECTION 16130D - BOXES

A. APPLICATION - OUTLET BOXES

1. All outlets shall be a metal box. Minimum box size shall be 4 inches square, by 2 1/8 inches deep, and be provided with the proper device ring for the application.

2. Gangable or handy boxes shall not be used.

3. Boxes used to support ceiling fans shall be listed for this use.

4. Plastic boxes shall not be used, unless approved by the University Project Manager.

B. JUNCTION OR PULL BOXES

1. In wet locations, for boxes that do not have threaded conduit entries, provide Meyers “Screw-Tite” threaded hubs.

2. Boxes larger than 24 inches square shall have hinged cover.

C. FLOOR BOXES

1. Floor boxes shall be the fully adjustable type, having adjustment before and after concrete pour.

D. INSTALLATION

1. Boxes shall not be installed back to back in walls. Provide at least six inch separation.

2. Boxes shall not be supported from conduit, mechanical ductwork or piping, but shall be independently supported from the building structure.

3. Pull boxes shall be installed where necessary to prevent damage to wire and cable, and be installed every 200 feet on straight runs of conduit or after four 90 degree bends or equivalent thereof. Condulets are not acceptable substitutes for pull boxes.

END