SECTION 16138

BOXES

PART 1 GENERAL

1.01 SECTION INCLUDES

A. Wall and ceiling outlet boxes.

B. Pull and junction boxes.

1.02 QUALITY ASSURANCE

A. Conform to requirements of State of Minnesota Electrical Code.

PART 2 PRODUCTS

2.01 OUTLET BOXES

A. Cast Boxes: NEMA 4X, aluminum. Provide gasketed cover by box manufacturer. Provide threaded hubs.

2.02 PULL AND JUNCTION BOXES

A. Surface Mounted Cast Metal Box: NEMA Type 4X; flat-flanged, surface mounted junction box:
   1. Material: Cast aluminum.
   2. Cover: Furnish with ground flange, neoprene gasket, and stainless steel cover screws.

PART 3 EXECUTION

3.01 INSTALLATION

A. Install boxes securely, in a neat and workmanlike manner, as specified in NECA 1.

B. Install in locations as shown on Drawings, and as required for splices, taps, wire pulling, equipment connections, and as required by NFPA 70.

C. Orient boxes to accommodate wiring devices oriented as specified in Section 16140.

D. Maintain headroom and present neat mechanical appearance.

E. Align adjacent wall mounted outlet boxes for switches, thermostats, and similar devices.

F. Support boxes independently of conduit, except cast box that is connected to two rigid metal conduits both supported within 12 inches of box.

G. Use gang box where more than one device is mounted together. Do not use sectional box.

END OF SECTION