

**SECTION 16420**

**SERVICE ENTRANCE EQUIPMENT**

**Part 1 -Design Directives**

Most buildings on the Dartmouth campus receive electric power from the college owned medium voltage distribution system. As such the service conductors entering the building for the purposes of code compliance are considered to be feeders not a service entrance. The rules that govern these conductors and the main disconnect for each building are found in NEC article 225.

Engineering, materials and installation requirements for building electric service is found in the following sections:

Medium voltage switches: 16300

Loadcenter Transformers: 16460

Building distribution switchboards: 16425

**Part 2 -Products**

Cutler Hammer  
GE  
Square D