

## **44\_73\_12\_37 Electrical distribution system**

All material including equipment, conductors, controls, and signaling devices shall be installed to provide a complete electrical system with the necessary characteristics and capacity to supply the electrical facilities shown in the specifications or indicated on the plans. All materials shall be listed as complying with applicable standards of Underwriters' Laboratories, Inc., or other similarly established standards. Each circuit breaker or fusible switch that provide disconnecting means and overcurrent protection for a conductor connected to a switchboard and distribution panel board shall be enclosed or guarded to provide a dead front type of assembly. The main switchboard shall be located in a separate enclosure accessible only to authorized persons. The switchboard shall be convenient for use, readily accessible for maintenance, clear of traffic lanes, and in a dry ventilated space devoid of corrosive fumes or gases. Each overload protective device shall be designed for operating in the ambient temperature conditions. Each lighting and appliance panel board shall be provided for the circuit on each floor. The provisions of this section do not apply to emergency system circuits.