

include protective equipment that ensures that occurrences such as leaks, condensation, and even breaks do not damage the electrical equipment located below.

Sprinkler protection is permitted for the dedicated spaces as long as the sprinkler or other suppression system piping complies with 110.26(E)(1)(c). A dropped, suspended, or similar ceiling is permitted to be located directly in the dedicated space, as are they are not considered structural ceilings. Building structural members are also permitted in this space.

The electrical equipment also must be protected from physical damage. Damage can be caused by activities performed near the equipment, such as material handling by personnel or the operation of a forklift or other mobile equipment. See 110.27(B) for other requirements relating to the protection of electrical equipment.

Exhibits 110.22, 110.23, and 110.24 illustrate the two distinct indoor installation spaces required by 110.26(A) and 110.26(E), that is, the working space and the dedicated electrical space.

In Exhibit 110.22, the dedicated electrical space required by 110.26(E) is the space outlined by the width and the depth of the equipment (the footprint) and extending from the floor to 6 ft above the equipment or to the structural ceiling (whichever is lower). The dedicated electrical space is reserved for the installation of electrical equipment and for the installation of conduits, cable trays, and so on, entering or exiting that equipment. The outlined area in front of

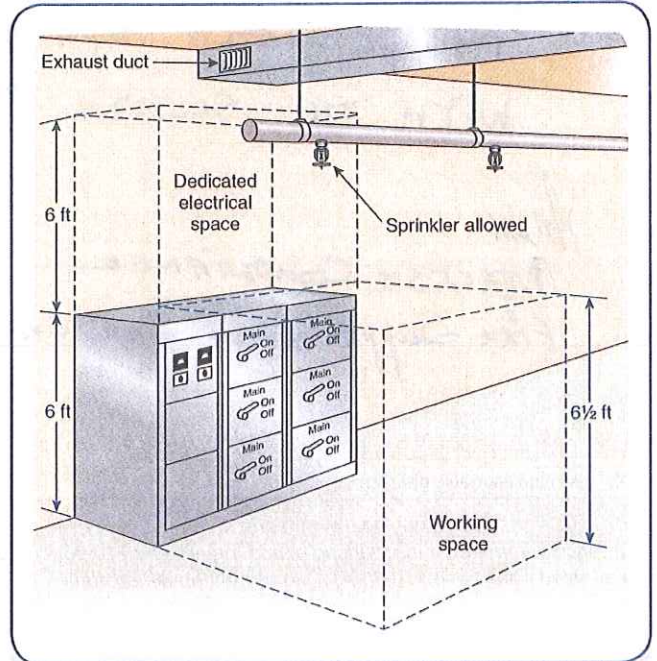
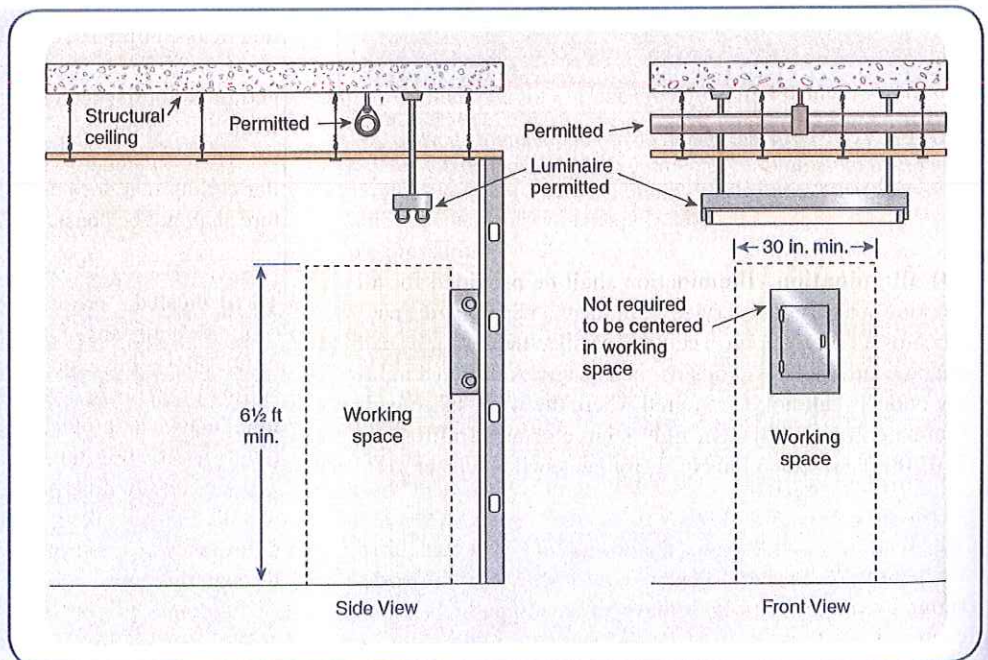


EXHIBIT 110.22 The two distinct indoor installation spaces required by 110.26(A) and 110.26(E): the working space and the dedicated electrical space.

the electrical equipment in Exhibit 110.22 is the working space required by 110.26(A). Note that sprinkler protection is afforded the entire dedicated electrical space and working

EXHIBIT 110.23 The working space required by 110.26(A) in front of a panelboard. This illustration supplements the dedicated electrical space shown in Exhibit 110.22.



110.26 F

SPRINKLER PROTECTION SHALL BE PERMITTED FOR
THE DEDICATED SPINER WHEN THE PIPING COMPLIES
WITH THE SECTION "DEDICATED EQUIPMENT SPINER"

ADUN
PROJECTS COMPLIANCE
FIRE SUPPRESSION SERVICE.