



**EXHIBIT 605.1** Example of a fixed-type office partition where the branch-circuit wiring is run inside the partition.

A wiring channel that is separate from the channel containing the branch circuits for light and power may be provided within the system components for the routing of communications, signaling, and optical fiber cables.

**605.5 Office Furnishing Interconnections.** The electrical connection between office furnishings shall be a flexible assembly identified for use with office furnishings or shall be permitted to be installed using flexible cord, provided that all the following conditions are met:

- (1) The cord is extra-hard usage type with 12 AWG or larger conductors, with an insulated equipment grounding conductor.
- (2) The office furnishings are mechanically contiguous.
- (3) The cord is not longer than necessary for maximum positioning of the office furnishing but is in no case to exceed 600 mm (2 ft).
- (4) The cord is terminated at an attachment plug-and-cord connector with strain relief.

**605.6 Lighting Accessories.** Lighting equipment shall be listed, labeled, and identified for use with office furnishings and shall comply with 605.6(A), (B), and (C).

**(A) Support.** A means for secure attachment or support shall be provided.

**(B) Connection.** Where cord and plug connection is provided, it shall comply with all of the following:

- (1) The cord length shall be suitable for the intended application but shall not exceed 2.7 m (9 ft) in length.
- (2) The cord shall not be smaller than 18 AWG.
- (3) The cord shall contain an equipment grounding conductor, except as specified in 605.6(B)(4).

- (4) Cords on the load side of a listed Class 2 power source shall not be required to contain an equipment grounding conductor.
- (5) The cord shall be of the hard usage type, except as specified in 605.6(B)(6).
- (6) A cord provided on a listed Class 2 power source shall be of the type provided with the listed luminaire assembly or of the type specified in 725.130 and 725.127.
- (7) Connection by other means shall be identified as suitable for the conditions of use.

**(C) Receptacle Outlet.** Receptacles shall not be permitted in lighting accessories.

**605.7 Fixed-Type Office Furnishings.** Office furnishings that are fixed (secured to building surfaces) shall be permanently connected to the building electrical system by one of the wiring methods of Chapter 3.

**605.8 Freestanding-Type Office Furnishings.** Office furnishings of the freestanding type (not fixed) shall be permitted to be connected to the building electrical system by one of the wiring methods of Chapter 3.

Office furnishings that are attached to the building are required by 605.7 to be connected to the premises wiring with a permanent wiring method. Freestanding furnishings are permitted by 605.8 to connect with a permanent wiring method or by 605.9 to connect with a flexible cord. Although multiwire branch circuits are not permitted in cord-connected furnishings by 605.9(D), they may be supplied by multiple branch circuits.

**605.9 Freestanding-Type Office Furnishings, Cord- and Plug-Connected.** Individual office furnishings of the freestanding type, or groups of individual office furnishings that are electrically connected, are mechanically contiguous, and do not exceed 9.0 m (30 ft) when assembled, shall be permitted to be connected to the building electrical system by a single flexible cord and plug, provided that all of the conditions of 605.9(A) through (D) are met.

**(A) Flexible Power-Supply Cord.** The flexible power supply cord shall be extra-hard usage type with 12 AWG or larger conductors, with an insulated equipment grounding conductor, and shall not exceed 600 mm (2 ft) in length.

**(B) Receptacle Supplying Power.** The receptacle(s) supplying power shall be on a separate circuit serving only the office furnishing and no other loads and shall be located not more than 300 mm (12 in.) from the office furnishing that is connected to it.

**(C) Receptacle, Maximum.** An individual office furnishing or groups of interconnected individual office furnishings shall not contain more than 13 15-ampere, 125-volt receptacles. For purposes of this requirement, a receptacle is considered (1) up to two (simplex) receptacles provided within a single enclosure