

Covered Malls Plan Correction List

This list is to be used in conjunction with the attached General Correction List. Note that this correction list is not all inclusive. See additional items on the General Correction List.

Items listed require amended construction documents such as revised plans, supplemental instructions, addenda, field orders, or change orders before plans approval will be issued. Answers in letter form may be provided to explain the changes to the construction documents. All drawing revisions should be clouded with a corresponding revision number tag.

Construction

1. The building area of any covered mall or open building, including anchor buildings, of Types I, II, III and IV construction, shall not be limited provided the anchor buildings do not exceed three stories above grade plane. IBC 402.4.1, the construction type of open parking garages and enclosed parking garages shall comply with Sections 406.5 and 406.6, respectively. IBC 402.4.1
2. Fire-resistance-rated separation is not required between tenant spaces and the mall. Fire-resistance-rated separation is not required between a food court and adjacent tenant spaces or the mall. IBC 402.4.2
3. Each tenant space shall be separated from other tenant spaces by a fire partition complying with Section 708. A tenant separation wall is not required between any tenant space and the mall. IBC 402.4.2.1
4. Rooms or areas containing controls for air-conditioning systems, automatic fire-extinguishing systems or other detection, suppression or control elements in Covered Malls shall be identified for use by the fire department. IBC 402.7.5

Means of Egress

5. Covered mall buildings, open mall buildings and each tenant space shall be provided with means of egress as required by this section and this code. Where there is a conflict between the requirements of this code and the requirements of Sections 402.8.1 through 402.8.8, the requirements of Sections 402.8.1 through 402.8.8 shall apply. IBC 402.8
6. Wherever the distance of travel to the mall from any location within a tenant space used by persons other than employees exceeds 75 feet or the tenant space has an occupant load of 50 or more, not less than two means of egress shall be provided. IBC 402.8.3
7. Provide a minimum of two independent exits from the mall sized for all tenants within 100 feet of the exit plus exits for one person per foot of mall width. IBC 402.8.1.1 and 402.8.3
8. Occupant load for determining required means of egress for covered malls must be based on a minimum of 30 square feet per person. IBC 402.8.2

9. The occupant load of anchor buildings opening into the mall shall not be included in computing the total number of occupants for the mall. IBC 402.8.2.3
10. The occupant load of a food court shall be determined in accordance with Section 1004. For the purposes of determining the means of egress requirements for the mall, the food court occupant load shall be added to the occupant load of the covered mall building as calculated above. IBC 402.8.2.4
11. Assembly occupancies with an occupant load of 500 or more shall be so located in the covered mall building that their entrance will be immediately adjacent to a principal entrance to the mall and shall have not less than one-half of their required means of egress opening directly to the exterior of the covered mall building. IBC 402.8.4
12. Required means of egress for anchor buildings shall be provided independently from the mall means of egress system. The occupant load of anchor buildings opening into the mall shall not be included in determining means of egress requirements for the mall. The path of egress travel of malls shall not exit through anchor buildings. Malls terminating at an anchor building where no other means of egress has been provided shall be considered as a dead-end mall. IBC 402.8.4.1
13. Within each individual tenant space in a covered mall building, the maximum distance of travel from any point to an exit or entrance to the mall shall not exceed 200 feet. The maximum distance of travel from any point within a mall to an exit shall not exceed 200 feet. IBC 402.8.5
14. Where exit passageways provide a secondary means of egress from a tenant space, doorways to the exit passageway shall be protected by 1-hour fire door assemblies that are self- or automatic-closing by smoke detection in accordance with Section IBC 715.4.7.3 and 402.8.6.1.
15. The minimum mall width is 20 feet and the minimum clear mall exit width is 10 feet. IBC 402.8.1.1
16. The maximum mall dead end distance is to be less than twice the mall width.
IBC 402.8.6 (See exception)
17. Horizontal sliding or vertical security grilles or doors that are a part of a required means of egress shall conform to the following: IBC 402.8.8
 - (1) They shall remain in the full open position during the period of occupancy by the general public.
 - (2) Doors or grilles shall not be brought to the closed position when there are 10 or more persons occupying spaces served by a single exit or 50 or more persons occupying spaces served by more than one exit.
 - (3) The doors or grilles shall be operable from within without the use of any special knowledge or effort where the space is occupied.
 - (4) Where two or more exits are required, not more than one-half of the exits shall be permitted to include either a horizontal sliding or vertical rolling grille or door.

Fire Suppression

18. The covered mall building and buildings connected shall be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1, which shall comply with the following: IBC 402.5
 - (1) The automatic sprinkler system shall be complete and operative throughout occupied space in the covered mall building prior to occupancy of any of the tenant spaces. Unoccupied tenant spaces shall be similarly protected unless provided with approved alternate protection.
 - (2) Sprinkler protection for the mall shall be independent from that provided for tenant spaces or anchors. Where tenant spaces are supplied by the same system, they shall be independently controlled. Exception: An automatic sprinkler system shall not be required in spaces or areas of open parking garages separated from the covered or open mall building in accordance with Section 402.4.2.3 and constructed in accordance with Section 406.5.

19. Covered and open mall buildings shall be equipped throughout with a standpipe system as required by Section 905.3.3. IBC 402.7.1