

**CHAPTER 30  
ELEVATOR AND CONVEYING SYSTEMS**

**SECTION 3007.1  
2018 Edition  
IBC Interpretation 21-21  
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**3007.1 General.** Where required by Section 403.6.1, every floor above and including the lowest level of fire department vehicle access of the building shall be served by fire service access elevators complying with Sections 3007.1 through 3007.9. Except as modified in this section, fire service access elevators shall be installed in accordance with this chapter and ASME A17.1/CSA B44.

**Exception:** Elevators that only service an open or enclosed parking garage and the lobby of the building shall not be required to serve as fire service access elevators.



**Q:** Section 3007.1 requires fire service access elevators to serve every floor above and including the lowest level of fire department vehicle access. If a building contains one or more mezzanines, are fire service access elevators required to serve those mezzanine levels?

**A:** No. Section 403.6.1 requires two fire service access elevators in buildings with an occupied floor more than 120 feet above the lowest level of fire department vehicle access. Fire service access elevators complying with Section 3007 are intended to remain in service for fire-fighting staging operations. While Section 3007.1 requires every “floor” of the building to be served by the fire service access elevators, such elevators are not required to serve every mezzanine in the building.

A mezzanine is considered an intermediate “level” between the floor and ceiling of any story. As such, a mezzanine is typically considered part of the floor of the story below. The purpose of the fire service access elevators is fire department staging and to offer assisted rescue. Such staging operations typically occur at one or two stories above or below the floor where the fire is located and not at every mezzanine floor level. Therefore, the fire service access elevators are not required to serve every mezzanine floor level. Fire service access elevators which serve mezzanines, however, are still required to be adequately protected from smoke and water infiltration in accordance with Section 3007.