



Table 1.9: Fire Resistance Separation and other requirement of incidental accessory /Occupancies.

INCIDENTAL ACCESSORY ROOMS AND OCCUPANCIES	REQUIRED SEPARATION WITH AUTOMATIC FIXED FIRE PROTECTION SYSTEM	REQUIRED SEPARATION WITHOUT AUTOMATIC FIXED FIRE PROTECTION SYSTEM	OTHER CONSTRUCTION AND PROTECTION REQUIREMENTS (See Chapter 9 for Fire Protection requirements Chapter 10 for smoke control requirements)
44. ATRIUM	1 Hour	1 Hour	<ul style="list-style-type: none"> i. Separation required on each floor, unless supported by engineering analysis. ii. Glass walls and inoperable windows if any, shall be 1 hour fire resistance rated assemblies. iii. Where 1 hour fire resistance rating is not met, sprinklers shall be provided on both sides of such glazing and inoperable windows such that sprinklers are located not more than 305 mm from glazing and at an interval of 1.8 m to cover the entire surface of the glazing. iv. Such sprinklers shall not be required on atrium side of the glass or window if there is no walkway or other floor area on the atrium side above the main floor level. v. Doors in such glass walls shall be self closing or activated automatically upon alarm initiation. vi. Access to exits or exit discharge within atrium shall be allowed if sprinklered.

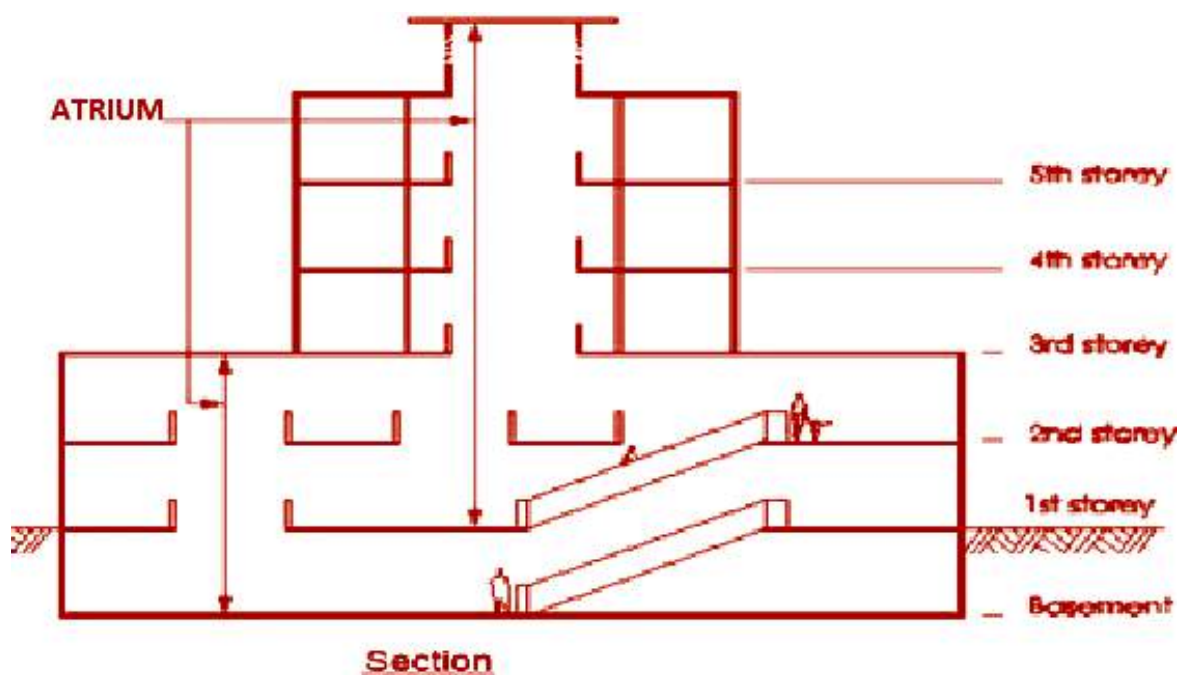


Figure 1.12.: Atria