

Table 3.29.: Detention and Correctional

ITEMS	REQUIREMENTS
6. SMOKE COMPARTMENT	<ul style="list-style-type: none"> i. Every floor of Detention and Correctional occupancies, having detention and correction activity shall be divided into minimum of 2 smoke compartments, not exceeding 200 residents for each compartment. The smoke barrier shall be 1 hour fire resistance rated. ii. Smoke compartment area shall be such that Travel distance from any point in a room to smoke barrier door shall not exceed 61 m. iii. Compartments shall also be permitted to be achieved by building separation from resident areas by 2 hour fire resistance rated construction OR Horizontal exits OR Smoke compartments discharging directly to outside fenced yard OR Secured open area with holding space located 15 m from housing area, providing 1.4 m² refuge area per person. iv. Windows in smoke barrier shall be fixed fire rated window assemblies. v. Vision panels in smoke compartment doors shall be of fire rated glazing in approved frames . The bottom of the vision panel shall not be more than 1090 mm from finished floor.

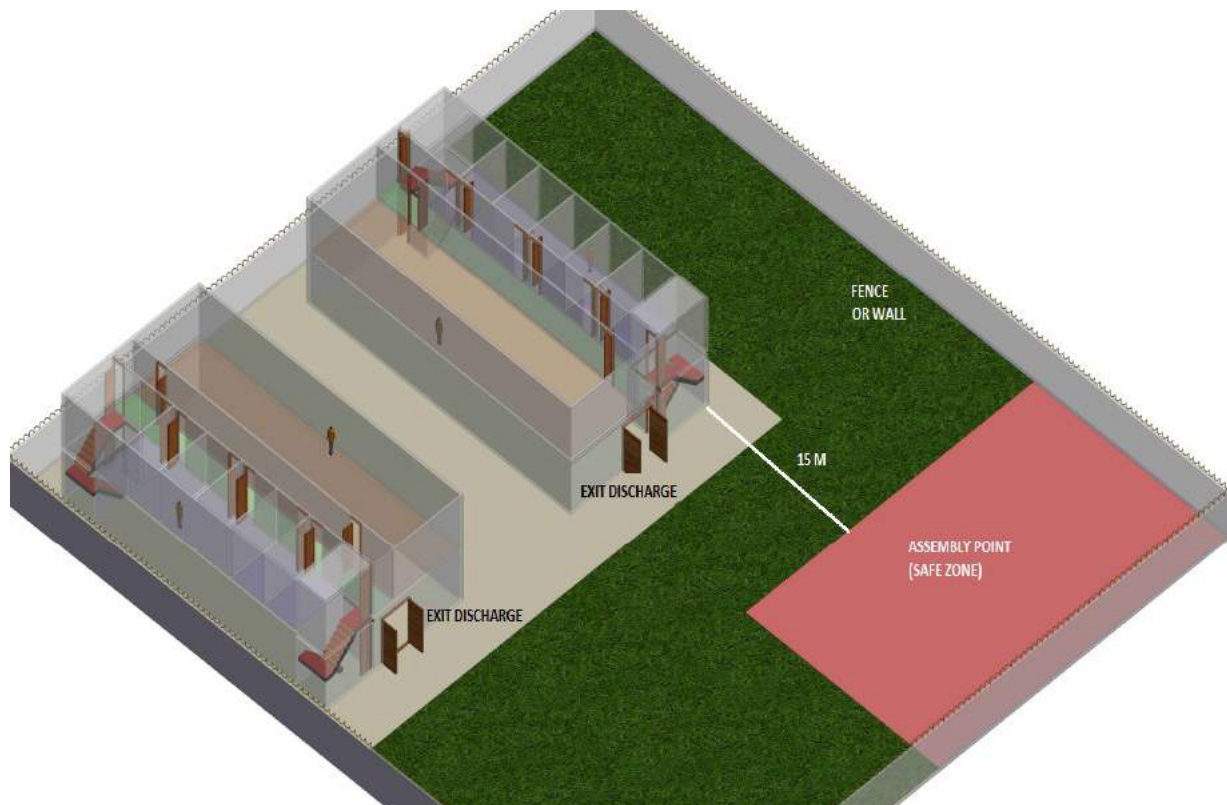


Figure 3.31.: Acceptable exit discharge in Detention and Correctional facility