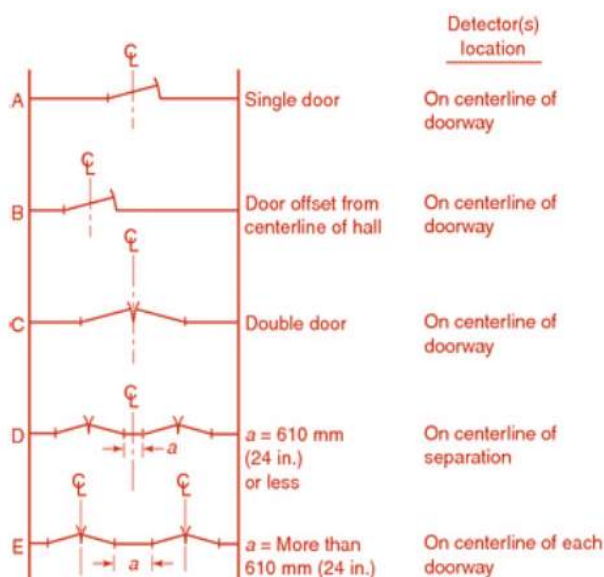
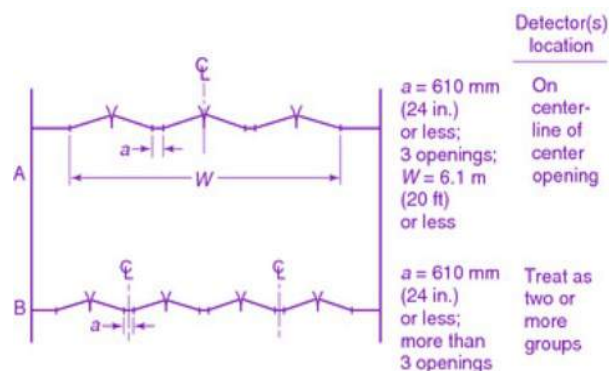


**Table 8.1: General Requirements of Fire Detection and Alarm Systems**

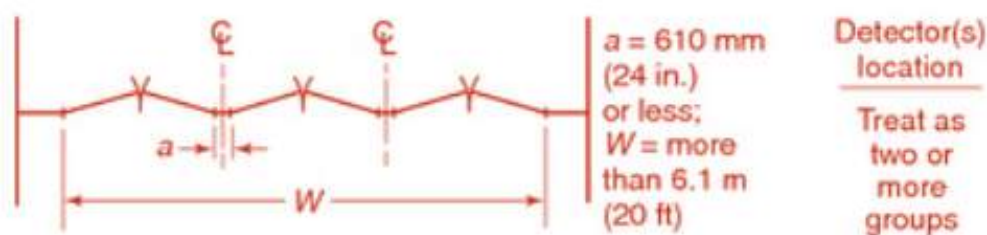
ITEMS	REQUIREMENTS
<b>25. DOOR RELEASE SERVICE</b>	<p><b>3. SMOKE DETECTORS FOR VARIOUS DOOR ARRANGEMENT</b></p> <ul style="list-style-type: none"> <li>i. If the separation between doorways exceeds 610 mm, each doorway shall be treated separately. <b>Figure 8.4., part E</b>, shall apply.</li> <li>ii. Each group of three or more doorway openings shall be treated separately. <b>Figure 8.5.</b> shall apply.</li> <li>iii. Each group of doorway openings that exceeds 6.1 m in width measured at its overall extremes shall be treated separately. <b>Figure 8.6.</b> shall apply</li> <li>iv. If there are multiple doorways and listed door frame-mounted detectors or if listed combination or integral detector–door closer assemblies are used, there shall be one detector for each single or double doorway.</li> <li>v. If ceiling-mounted smoke detectors are to be installed on a smooth ceiling for a single or double doorway, they shall be located as follows (<b>Figure 8.4. shall apply</b>): <ul style="list-style-type: none"> <li>a. On the centreline of the doorway</li> <li>b. No more than 1.5 m measured along the ceiling and perpendicular to the doorway (<b>Figure 8.3.</b> shall apply.)</li> <li>c. No closer than shown in <b>Figure 8.3., parts B, D, and F</b></li> </ul> </li> </ul>



**Figure 8.4.: Detector Location for Single and Double Doors**



**Figure 8.5.: Detector Location for Group of Doorways**



**Figure 8.6.: Detector Location for Group of Doorways over 6.1 m in width**