

Table 9.7: Automatic Sprinkler System Requirements

ITEMS	REQUIREMENTS
23. HYDRAULIC CALCULATIONS	<ul style="list-style-type: none"> i. The sprinkler design with Computerized Hydraulic calculations shall be provided to determine the fire water demand, pressure and pipe sizes required for a sprinkler system. ii. The hydraulic calculation shall be performed using the Civil Defence listed and approved software. The following criteria shall be used for Hydraulic calculations. iii. Hydraulics bases shall be an occupancy hazard that is located to the farthest point or the top most of the source of fire water supply system within the occupancy or density of discharge required according to the preset values as per occupancy classification.

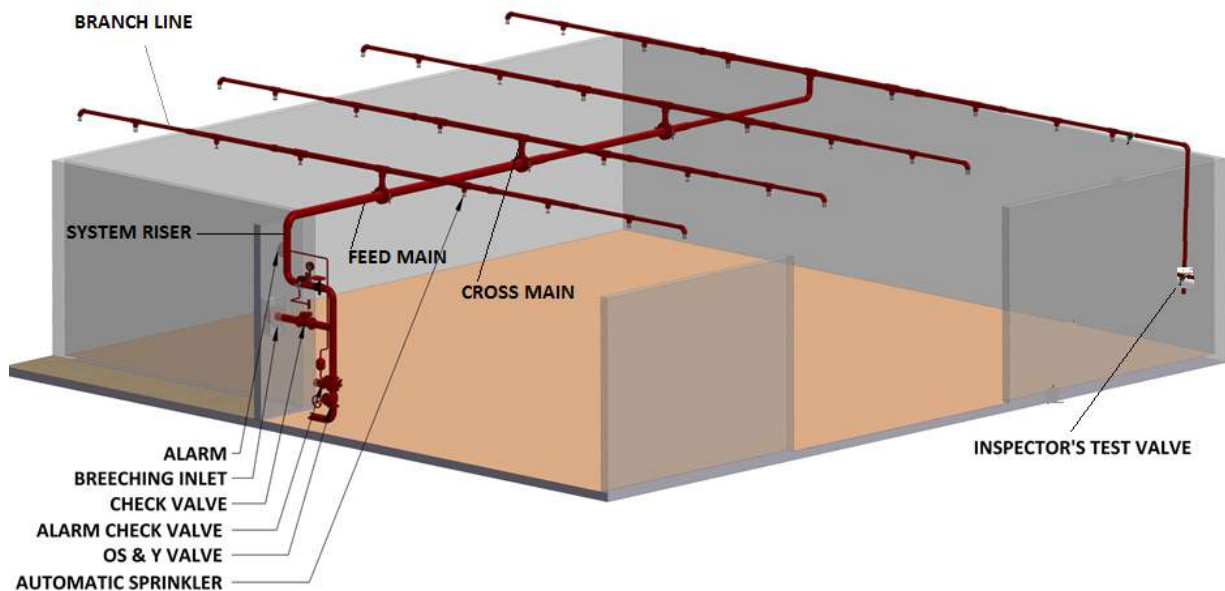


Figure 9.18.: Typical Standard Sprinkler System Network