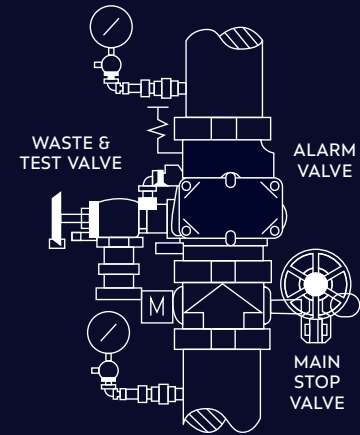


WHAT ARE SPRINKLER BLOCK PLANS?

RISK AWARENESS GUIDE



WHAT ARE THEY?

Sprinkler Block Plans are blueprints of a site that indicate:

- Where sprinkler systems are installed in buildings
- The code to which the sprinkler was installed
- The design specifications of the sprinkler system
- How water is supplied to the sprinkler system
- Where the control valves for the sprinkler system are located

Sprinkler Block Plans are useful in the event of an emergency so that firefighters and other responders can readily identify where critical infrastructure is located and what part of the site is protected by sprinklers.

Normally located adjacent to the sprinkler control valve assemblies, the Block Plan will also allow stakeholders to review the designed flow rate and operating pressure of the sprinkler system. This will allow for a basic assessment of the system's ability to control fire spread.¹

COMPLIANCE REQUIREMENTS

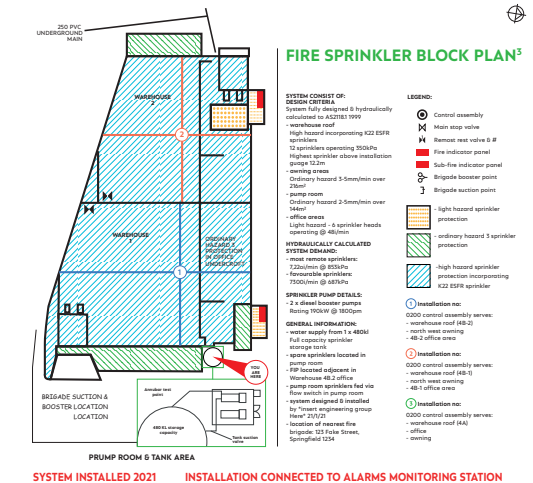
Sprinkler Block Plans must comply with Australian Standard 2118.1. Some features from this Standard include:

- A visual diagram of the layout of site, including external yards and roads
- A detailed diagram of water supply infrastructure
- Identification of area(s) related to hazard classification, sprinkler head design, discharge density and area of operation
- Name of installer, year of installation (or upgrade) and the standards to which the system is designed
- Clear identification of any electrical switchboards, including distribution boards
- Information relating to any emergency operation or shut down instructions.

This list of requirement features is not comprehensive and attention should be paid to Section 8.3 of AS2118.1 when developing a Sprinkler Block Plan.²

THE BOTTOM LINE

Adhering to AS2118.1 when designing your Sprinkler Block Plan can assist in the event of an emergency, as firefighters can use it as a guide to help control and limit fire spread on your site.²



1 Fire Block Plans Australia (Accessed 2021) What is a Fire Sprinkler Block Plan? Retrieved from <https://fireblockplans.com/sprinkler-block-plans/>
 2 Standards Australia (2017) AS2118, Automatic Sprinkler Systems, General Systems [Standard].
 3 This graphic is fictional, demonstrative in nature and for illustrative purposes only.