

COMPLETED PROJECTS

SITE:	Nth Metro TAFE-McLarty Ave Campus
LOCATION:	Joondalup
SCOPE OF WORK:	Fire Hydrant System
VALUE:	\$330,000.00
STATUS:	Completed June 2017

The North Metro TAFE – McLarty Avenue Campus is located in Joondalup, within a five minute walk from Joondalup Train and Bus Station, right next to Joondalup Lakeside City Shopping Centre.

The campus is one of the established State Government providers of vocational education and training for the Northern Perth region.



SCOPE DETAIL:

For this project, Firesafe Inground Services were awarded the contract to install a Fire Hydrant upgrade to the North Metro TAFE McLarty Avenue campus throughout the existing buildings and lecture halls. Our installation works included:

- Inground Hydrant Ring Main system in accordance with AS2419.1
- Dual Diesel Pump Set complete with Jacking pump in accordance with AS2941-2008.
- Fire Water Storage Tanks (2 x 12,500 litre capacity) in accordance with AS2304-2001.
- Construction of a Brick/Tin pump room including aluminium screening around the pump and storage tank area.
- Fire detection signalling for the pump room back to FIP as per AS1670
- Electrical cabling and connections to the pump room as per AS3000

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CHALLENGES & SOLUTIONS:

Throughout the project we were faced with various challenges:

Design:

In the design element of the project, it consisted of a lot of upfront design, traffic management and program coordination with all relative parties. This had to be implemented and effectively managed with some tight and critical deadlines as the Campus was fully operational throughout the upgrade works.

With good management, Firesafe were able to achieve the required install completion within the required time frame.

Construction:

With the site being fully operational throughout the upgrade, Firesafe organised and coordinated to underground directional bore certain critical areas so as not to interfere with the traffic access and egress of the numerous daily vehicles and foot traffic throughout the Campus.

This totally minimised the amount of disruption to the Campus's staff and pupils and managed to keep all existing flora, roadways and footpaths free from any structural damage.



Pump room and water storage tank enclosure constructed by Firesafe Inground

