

RESERVOIR

STOUT STREET WATER RESERVOIR FOR FIRE FIGHTING

MCKEE FEHL, WELLINGTON

In May 2014, Kliptank installed a covered 58,000 litre tank in the basement of a Wellington building as a water supply for the building fire system.

THE SPECIFICATIONS OF THIS TANK ARE:

- ◆ Capacity 58,000 litres
- ◆ 5.00m diameter
- ◆ 3.0m high
- ◆ Covered tank
- ◆ Tank accessories included a sight glass, level indicator, base drainage, air vents, access ladders and multiple fittings for location of monitoring gear and probes

Built in 1939, the former Defence building in Stout Street is listed by NZ Heritage as a Category 2 Historic Place.

Maurice Clark, owner, undertook careful redevelopment of the building in 2014 which is now occupied by the Ministry of Business, Innovation and Employment.

Redevelopment of Heritage buildings to adhere to earthquake standards is a major undertaking. Apart from structural changes, upgrading to new safety regulations is also important. Kliptank offered a customised solution to fit a water tank into the tight basement space of the building without the need for major construction timeframes or equipment.

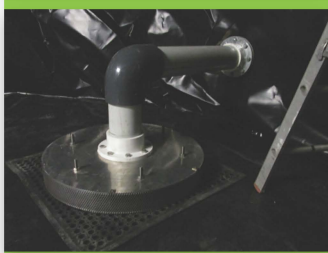
Kliptanks flat packed design allowed the tank to be delivered on a small trailer directly to the street access door of the building and easily manhandled through the building to the basement site.

A concrete base had been laid to level the floor so installation on site was a breeze. 3 of our team erected the tank into the tight corner spot with 400mm clearance around the back in only 2 days.

Kliptank Engineers and Kirk Roberts in Tauranga, provided advice on additional design elements to ensure the tank met the Importance Level requirements for the project.

CLIENT: Maurice Clark
CONSULTING ENGINEER: Nick Samson,
McKee Fehl, Wellington

The series of photos shows the construction process and the workings of the Kliptank.



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