

Engineer the Vandals Out

All products have robust locking mechanisms, and are made from heavily reinforced 60MPa concrete, and can be retro-fitted.

FALSE ECONOMY

To spend a few million rand on water or electrical infrastructure, and then economise on the door, lid, vent or bunker often results in the equipment being severely vandalised, with complete disruption to the service that was intended, in some cases for many years until funds can be found to re-equip the installation.



Fig 1



Fig 2



Fig 3

DOORS FOR PUMP STATIONS

Fig 1&2 The narrow pump station at Chuene-Maja, Limpopo, necessitated two tall sliding concrete doors that meet at the centre.

Fig 3 3.5 m high sliding door at Vaal Merino, Gauteng.



Fig 4



Fig 5



Fig 6



Fig 7

VAULTS FOR PUMPS, BOREHOLES, CATHODIC PROTECTION

Figs 4 shows one of fourteen 'screw-lid' vaults in Mogalakwena, Limpopo, each positioned over a borehole and each housing four valves. In **fig 5** it has been opened, allowing maintenance to be done on the pump and valves.

Fig 6 shows one of six 'borehole' vaults in the closed and locked position, while **fig 7** shows the vault in the unlocked and open position. Barberton, Mpumalanga. This vault can also be used as an extremely secure 'bunker' for cathodic protection of pipelines. Moreover, it can be sunken so that its top surface is flush with the ground, making it difficult for passing vandals to detect, especially after grass grows.

Manufactured and installed by Concrete Doors and Vaults (Pty) Ltd.
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Fig 8



Fig 9

LIDS FOR VALVE CHAMBERS

Fig 8 shows a 'screw-lift' lid installed in a sewer pump station valve-chamber and in **fig 9** the lid has been opened. Mogale City.

Similarly **fig 10 and 11** show the closed and open positions of a 'hand lift' lid.



Fig 10



Fig 11

VENTS FOR GENERATOR ROOMS

Fig 12 and 13 respectively show the vents of a generator room from the outside and inside. Mogale City.



Fig 12



Fig 13

For other anti-vandalism products in our range which variously protect valve chambers, pump stations, sub stations, boreholes, cathodic protection equipment, transformers, generators, gate motors etc. please see www.concretedoorsandvaults.com