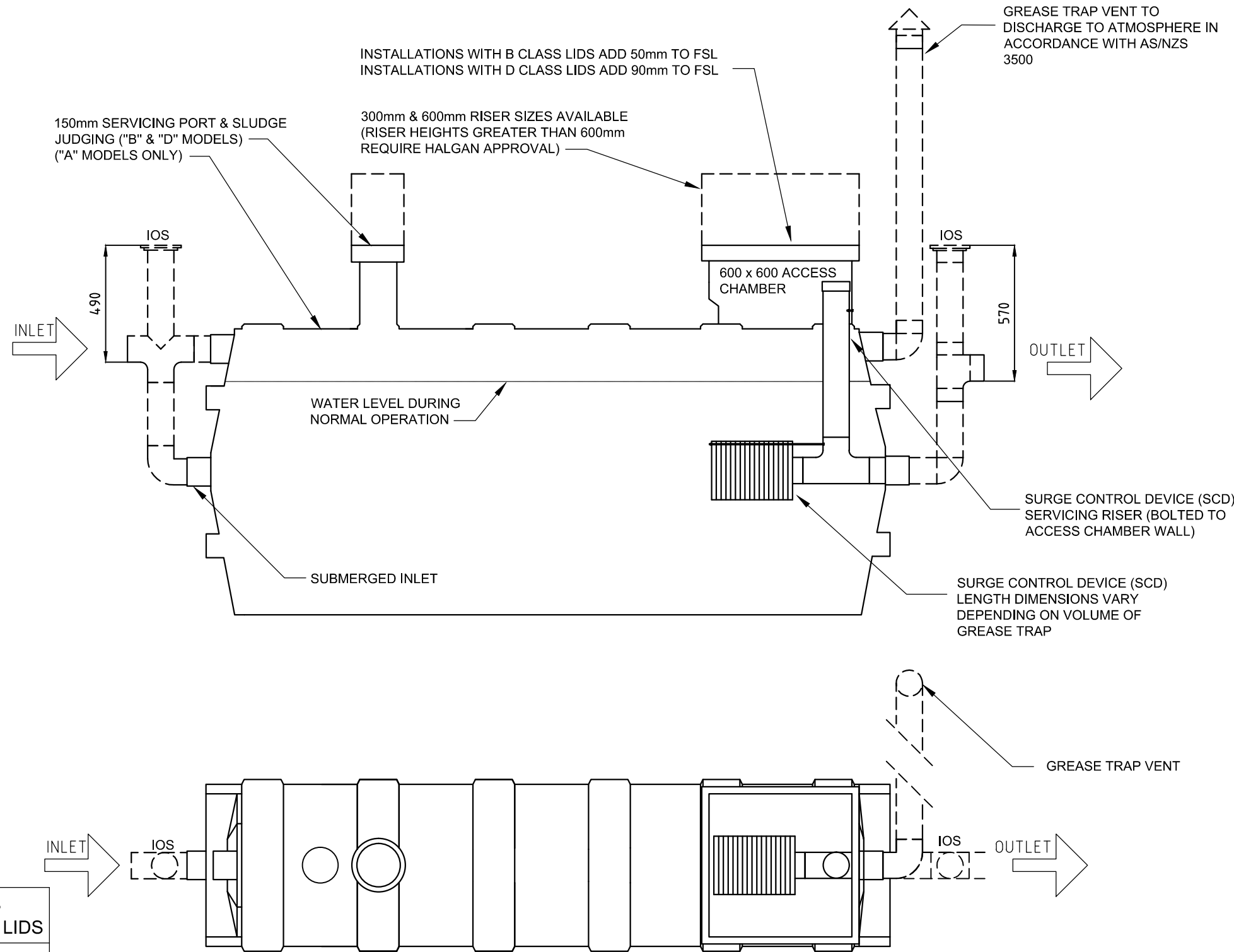


# HALGAN MGT1500 GREASE TRAP DETAIL

## Notes

1. **General**
  - 1.1. Tank constructed from Polyethylene.
  - 1.2. The MGT is to be installed in a location that will not cause a nuisance, obstruct fire access, cannot be vandalised or be damaged by vehicles.
  - 1.3. The MGT must have ease of access to pumpout point for maintenance.
  - 1.4. A hose tap fitted with RPZD backflow protection (as per AS/NZS 3500) must be installed within 5 metres of the grease trap for maintenance and cleaning.
  - 1.5. Non standard installations require Halgan approval.
2. **Installation above ground**
  - 2.1. The MGT is to be supported on a 100mm thick concrete pad.
  - 2.2. The MGT does not require a stand.
  - 2.3. Any maintenance platform must be installed in accordance with Australian Standard 1657-1992 allowing safe access while inspecting and maintaining the MGT
  - 2.4. All pipes connecting to the MGT shall be fully supported; there shall be no stress on the tank connections.
  - 2.5. All stormwater must be diverted away from the MGT to prevent undermining of foundation.
3. **Installation below ground**
  - 3.1. All connections to the MGT shall be in accordance with the appropriate authorities.
  - 3.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
  - 3.3. The MGT must be filled with water prior to backfilling.
  - 3.4. Riser heights greater than 600mm require Halgan approval
4. **Excavation dimensions**
  - 4.1. The excavated hole width shall be kept as narrow as practicable. The depth shall not be greater than 150mm more than the required depth.
  - 4.2. 75mm clearance is required at the sides of tank.
5. **Over excavation**
  - 5.1. Where an excavation has been made deeper than required, the excess depth shall be filled either with bedding material compacted to achieve 98% compaction or concrete.
6. **Water Charged Ground**
  - 6.1. Installation in areas subject to flooding & groundwater is only permitted when the level of water does not exceed the height of the middle of the tank.
  - 6.2. In areas of heavy, clay-like soils, the installation is only permitted when there is sufficient drainage underneath the body of the tank.
7. **Bedding material**
  - 7.1. The bedding material shall be 1 part Portland cement to 4 parts clean sand.
  - 7.2. The bedding shall be thoroughly compacted by tampering at 300 mm layers.
  - 7.3. The bedding material shall encase the whole tank.
8. **Final Backfill**
  - 8.1. The final backfill material shall comply with the following:
    - 8.1.a. Spoil from the excavation of the trench may be used.
    - 8.1.b. Foreign material such as builder's waste, bricks, and concrete shall not be used.
    - 8.1.c. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.



**HALGAN MGT1500 GREASE TRAP DIMENSIONS**  
DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS

MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
MGT1500	1525mm	720mm	3000mm	1500 L	140 KG

REV	DATE	DESCRIPTION	BY	CHKD	APP
A-1	29.02.2016	NOTES & TITLE BLOCK AMENDED	LB	JB	KH
A	15.10.2012	DETAIL DESIGN	DN	SM	KH

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**HALGAN MGT1500**  
**GREASE TRAP DETAIL**

DRAWN LB	DATE 29.02.2016
CHECKED JB	SCALE 1:20
DWG. NO. <b>MGT1500</b>	REV. A-1