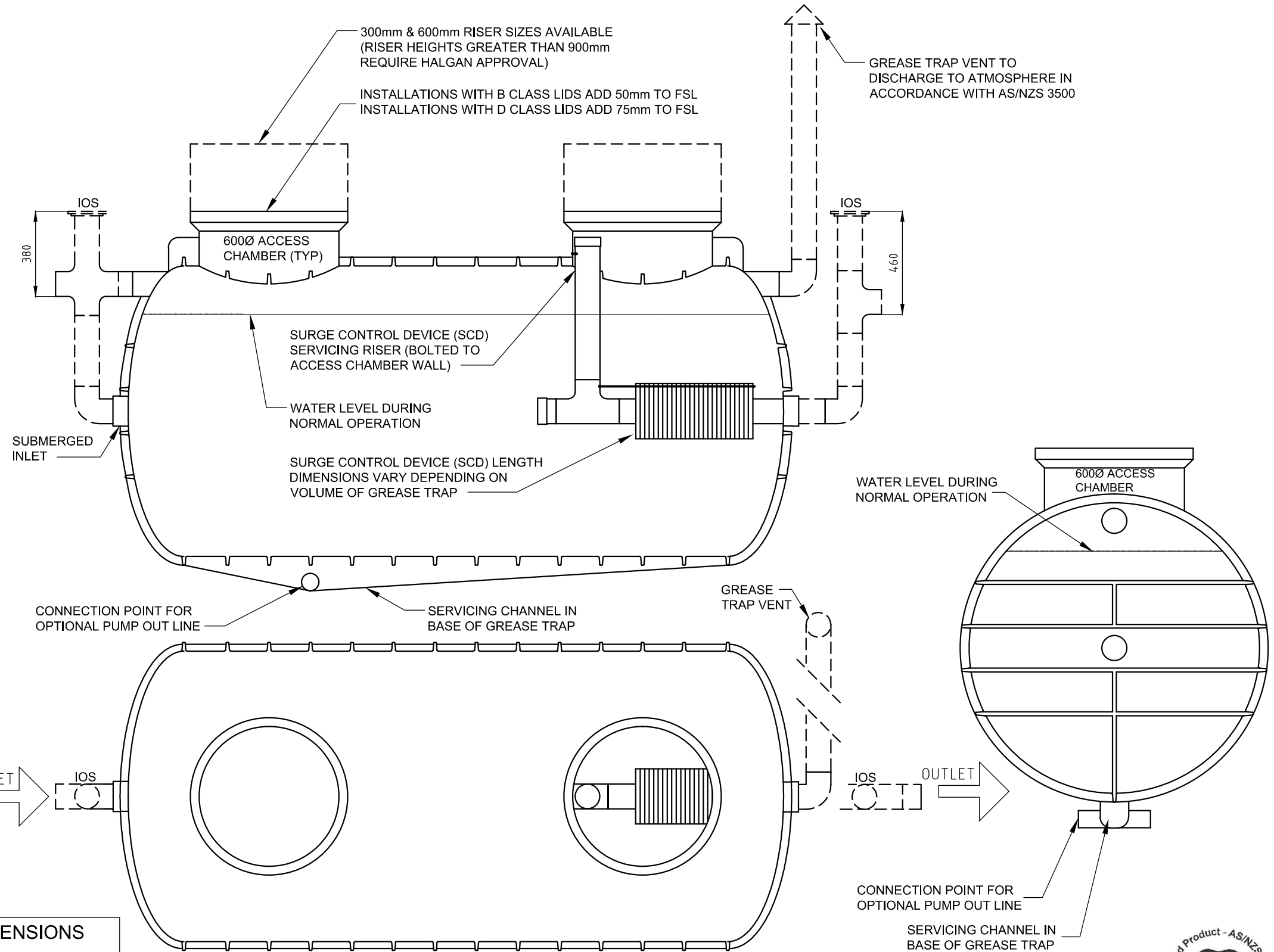


# HALGAN MGTS3000 GREASE TRAP DETAIL

## Notes

1. **General**
  - 1.1. Tank constructed from Polyethylene.
  - 1.2. The MGTS 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 MGTS 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 MGTS is to be supported on a 100mm thick concrete pad.
  - 2.2. A stand is available for S Series models if required.
  - 2.3. Any maintenance platform must be installed in accordance with Australian Standard 1657-1992 allowing safe access while inspecting and maintaining the MGTS.
  - 2.4. All pipes connecting to the MGTS shall be fully supported; there shall be no stress on the tank connections.
  - 2.5. All stormwater must be diverted away from the MGTS to prevent undermining of foundation.
3. **Installation below ground**
  - 3.1. All connections to the MGTS 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 MGTS must be filled with water prior to backfilling.
  - 3.4. Riser heights greater than 900mm 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 4:1 sand cement compacted to achieve 98% compaction or concrete.
6. **Bedding/Backfill**
  - 6.1. The bedding/backfill material shall be Blue Metal granular material up to 10mm diameter.
  - 6.2. The bedding/backfill shall be minimum 75mm thick.
  - 6.3. The bedding/backfill shall be thoroughly compacted by tamping at 300 mm layers.
  - 6.4. The bedding/backfill material shall encase the whole tank.
  - 6.5. Foreign material such as builder's waste, bricks, and concrete shall not be used as backfill.
  - 6.6. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.
7. **Water Charged Ground**
  - 7.1. 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.
  - 7.2. In areas of heavy, clay-like soils, the installation is only permitted when there is sufficient drainage underneath the body of the tank.



**HALGAN MGTS3000 GREASE TRAP DIMENSIONS**  
DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS

MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
MGTS3000	1680mm	1365mm	3055mm	3000 L	260 KG



REV	DATE	DESCRIPTION	BY	CHKD	APP
A-2	01.03.2016	NOTES, DIMENSION TABLE & DETAIL AMENDED	LB	JB	KH
A-1	23.05.2013	NOTES, DIMENSION TABLE & DETAIL AMENDED	DN	SM	KH
A	29.11.2012	DETAIL DESIGN	DN	SM	KH

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DO NOT SCALE IF IN DOUBT ASK



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**HALGAN MGTS3000  
GREASE TRAP DETAIL**

DRWN	DATE	SCALE	REV.
LB	01.03.2016	1:30	A3
CHKD			
KH			
DRW NO.			
<b>MGTS3000</b>			<b>A-2</b>