

## 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.

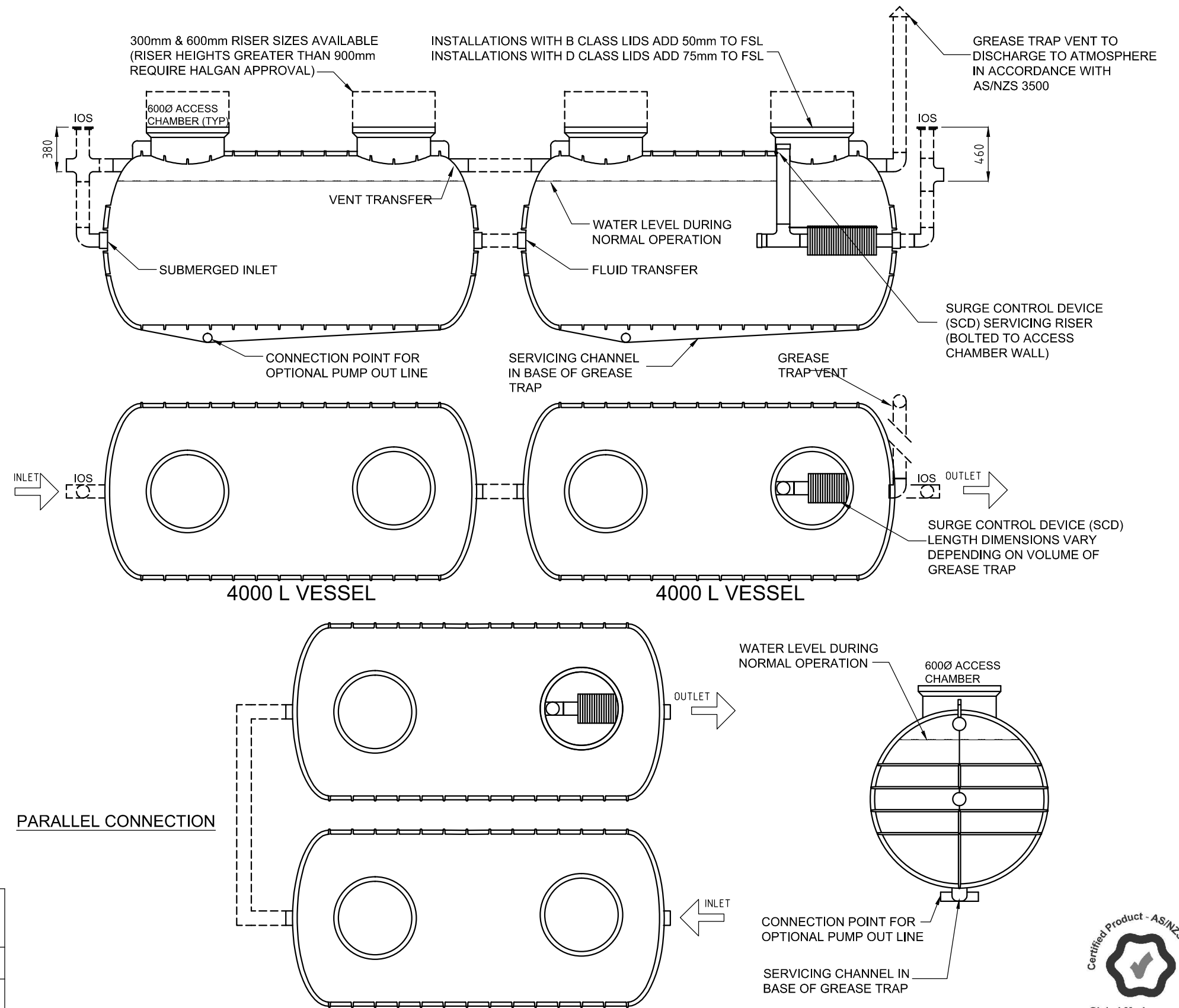
### 6. Bedding/Backfill

- 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 MGTS8000 GREASE TRAP DETAIL



**HALGAN MGTS8000 GREASE TRAP DIMENSIONS**  
DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS

MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT
MGTS4000	1825mm	1510mm	3250mm	4000 L	310 KG

REV	DATE	DESCRIPTION	BY	CHKD	APP
A-2	02.03.2016	NOTES, DIMENSION TABLE & DETAIL AMENDED	LB	JB	KH
A-1	23.05.2013	NOTES, DIMENSION TABLE & DETAIL AMENDED	DN	SM	KH
A	22.02.2013	DETAIL DESIGN	DN	SM	KH

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**HALGAN MGTS8000**  
**GREASE TRAP DETAIL**



DRWN	DATE	SCALE	REV.
LB	02.03.2016	1:50	A3
CHKD			
DWG NO.			
<b>MGTS8000</b>			<b>A-2</b>