

HALGAN™ MGTS™5000/6000-WA GREASE TRAP DETAIL

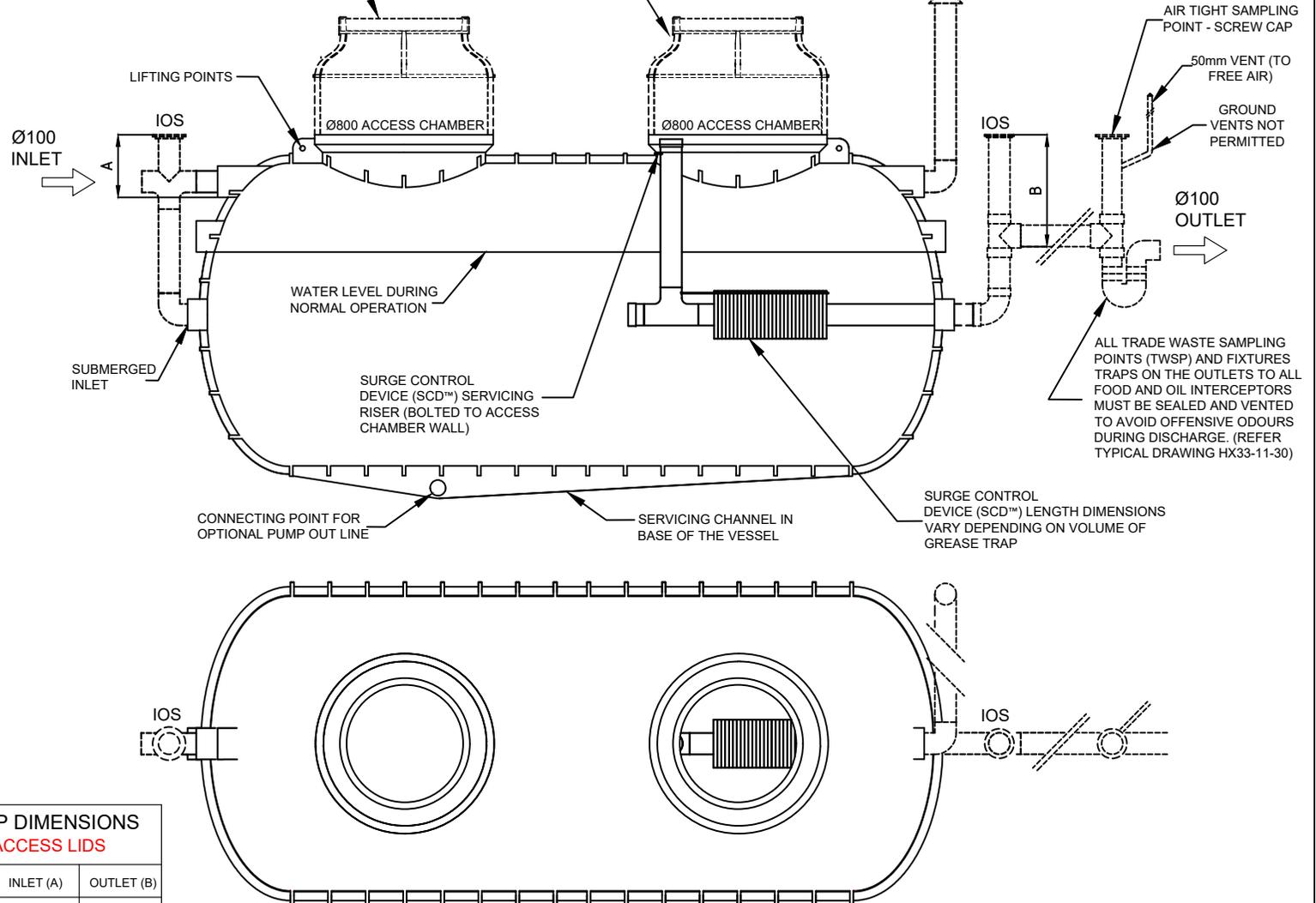
Notes

1. **General**
 - 1.1. Tank constructed from Polyethylene.
 - 1.2. The Vessel 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 Vessel 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).
 - 1.5. Non standard installations require Halgan approval.
2. **Installation above ground**
 - 2.1. The Vessel 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 designed in accordance with Australian Standard 1657 allowing safe access while inspecting and maintaining the Vessel.
 - 2.4. All pipes connecting to the Vessel shall be fully supported; there shall be no stress on the tank connections.
 - 2.5. All stormwater must be diverted away from the Vessel to prevent undermining of foundation.
3. **Installation below ground**
 - 3.1. All connections to the Vessel 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 Vessel 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 and the width not greater than 75mm of the tank dimensions.
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 thoroughly compacted by tamping at 300 mm layers.
 - 6.3. The bedding/backfill material shall encase the whole tank.
 - 6.4. Foreign material such as builder's waste, bricks, and concrete shall not be used as backfill.
 - 6.5. 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.

INSTALLATIONS WITH B CLASS LIDS ADD 50mm TO FSL
INSTALLATIONS WITH D CLASS LIDS ADD 75mm TO FSL

300mm, 600mm & 900mm RISER SIZES AVAILABLE
(RISER HEIGHTS GREATER THAN 900mm
REQUIRE HALGAN APPROVAL)

Ø100mm CHAMBER VENT TO
DISCHARGE TO ATMOSPHERE IN
ACCORDANCE WITH AS/NZS 3500



HALGAN MGTS™5000/6000-WA GREASE TRAP DIMENSIONS

DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS

MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT	INLET (A)	OUTLET (B)
MGTS™5000	1860mm	1650mm	3950mm	5000 L	500 KG	320mm	600mm
MGTS™6000	1860mm	1650mm	3950mm	6000 L	500 KG	320mm	400mm

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MEASUREMENTS
CAN VARY ± 3%

HALGAN™
MGTS™5000/6000-WA
GREASE TRAP DETAIL

DRW	LB	DATE	13.03.2018
CHKD	JB	SCALE	A4
DRAWN BY	MGTS™	REV.	B
	5000/6000-WA		

REV	DATE	DESCRIPTION	BY	CHKD	APP
B	13.03.2018	DETAIL DESIGN	LB	JB	KH
A	14.12.2017	DETAIL DESIGN	LB	JB	KH