HALGAN MGTS 9000 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.
- 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.
- 1.2. 75mm clearance is required at the sides of tank.

5. Over excavation

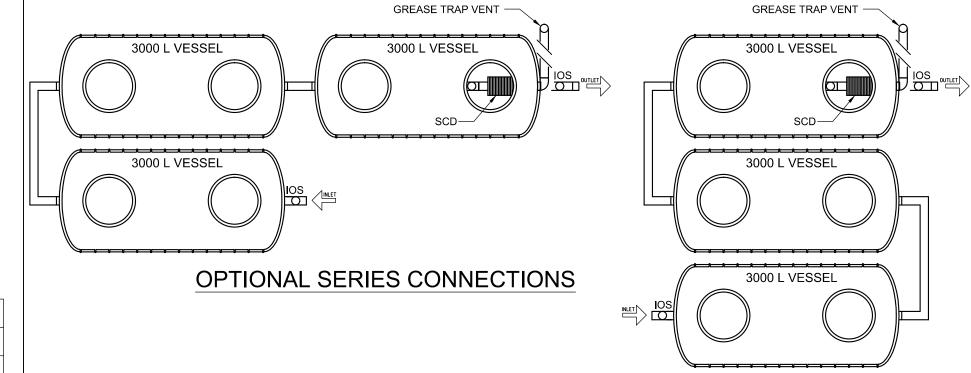
5.1. Where an excavation has been made deeper than required, the excess depth shall be filled either with 4:1 sand cement compacted to achieve 98% compaction or concrete.

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 tampering 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.

ATMOSPHERE IN ACCORDANCE WITH AS/NZS 3500 INSTALLATIONS WITH B CLASS LIDS ADD 50mm TO FSL SURGE CONTROL DEVICE (SCD) SERVICING INSTALLATIONS WITH D CLASS LIDS ADD 100mm TO FSL -RISER (BOLTED TO ACCESS CHAMBER WALL) — 300mm & 600mm RISER SIZES AVAILABLE SURGE CONTROL DEVICE (SCD) LENGTH (RISER HEIGHTS GREATER THAN 900mm DIMENSIONS VARY DEPENDING ON REQUIRE HALGAN APPROVAL) WATER LEVEL VOLUME OF GREASE TRAP **DURING NORMAL** 600Ø ACCESS OPERATION CHAMBER (TYP) 600Ø ACCESS **CHAMBER VENT TRANSFER** WATER LEVEL DURING \cap NORMAL OPERATION SUBMERGED INLET FLUID TRANSFER CONNECTION POINT * * * * * <u>* * * *</u> FOR OPTIONAL PUMP OUT LINE CONNECTION POINT FOR SLUDGE COLLECTION CHANNEL GREASE TRAP VENT -SLUDGE COLLECTION OPTIONAL PUMP OUT LINE IN BASE OF GREASE TRAP CHANNEL IN BASE OF GREASE TRAP -3000 L VESSEL 3000 L VESSEL 3000 L VESSEL IOS WILET

GREASE TRAP VENT TO DISCHARGE TO



HALGAN MGTS 9000 GREASE TRAP DIMENSIONS							
MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT		
MGTS 3000	1680mm	1365mm	3055mm	3000 L	210 KG		

						ТН
						PR
						US
A-1	23.05.2013	NOTES, DIMENSION TABLE & DETAIL AMENDED	DN	SM	KH	
Α	18.02.2013	DETAIL DESIGN	DN	SM	KH	
REV	DATE	DESCRIPTION	BY	CHKD	APP	

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HALGAN MGTS 9000 GREASE TRAP DETAIL

DRAWN DN	DATE 18.02.2013		
CHECKED SM	SCALE 1:50	А3	
MGTS90	00	REV.	