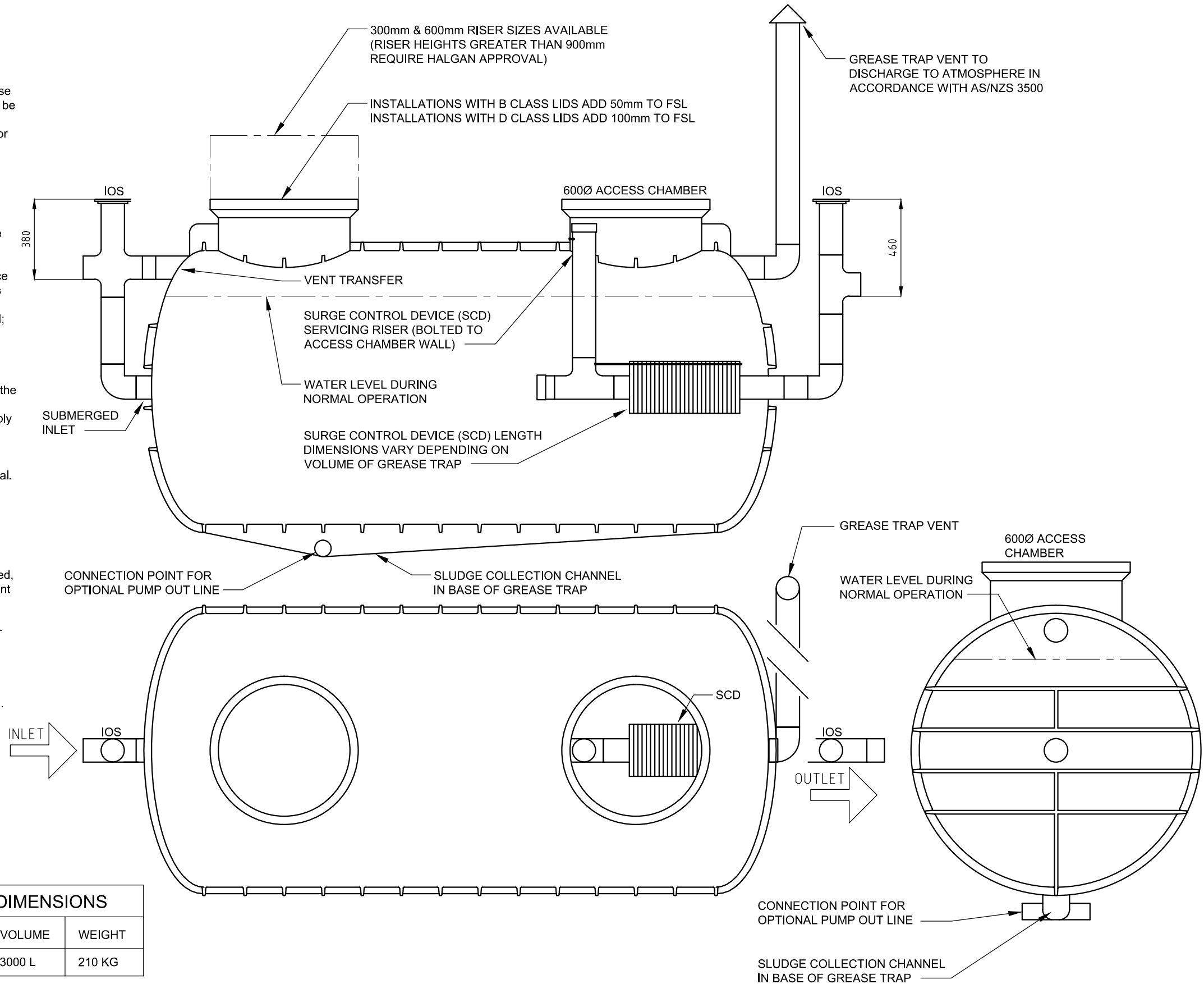


HALGAN MGTS 3000 GREASE TRAP DETAIL

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.



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

| REV | DATE | DESCRIPTION | BY | CHKD | APP |
|-----|------------|---|----|------|-----|
| 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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HALGAN MGTS 3000
GREASE TRAP DETAIL

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| DN | 29.11.2012 | 1:20 | A3 |
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| MGTS3000 | | | A-1 |