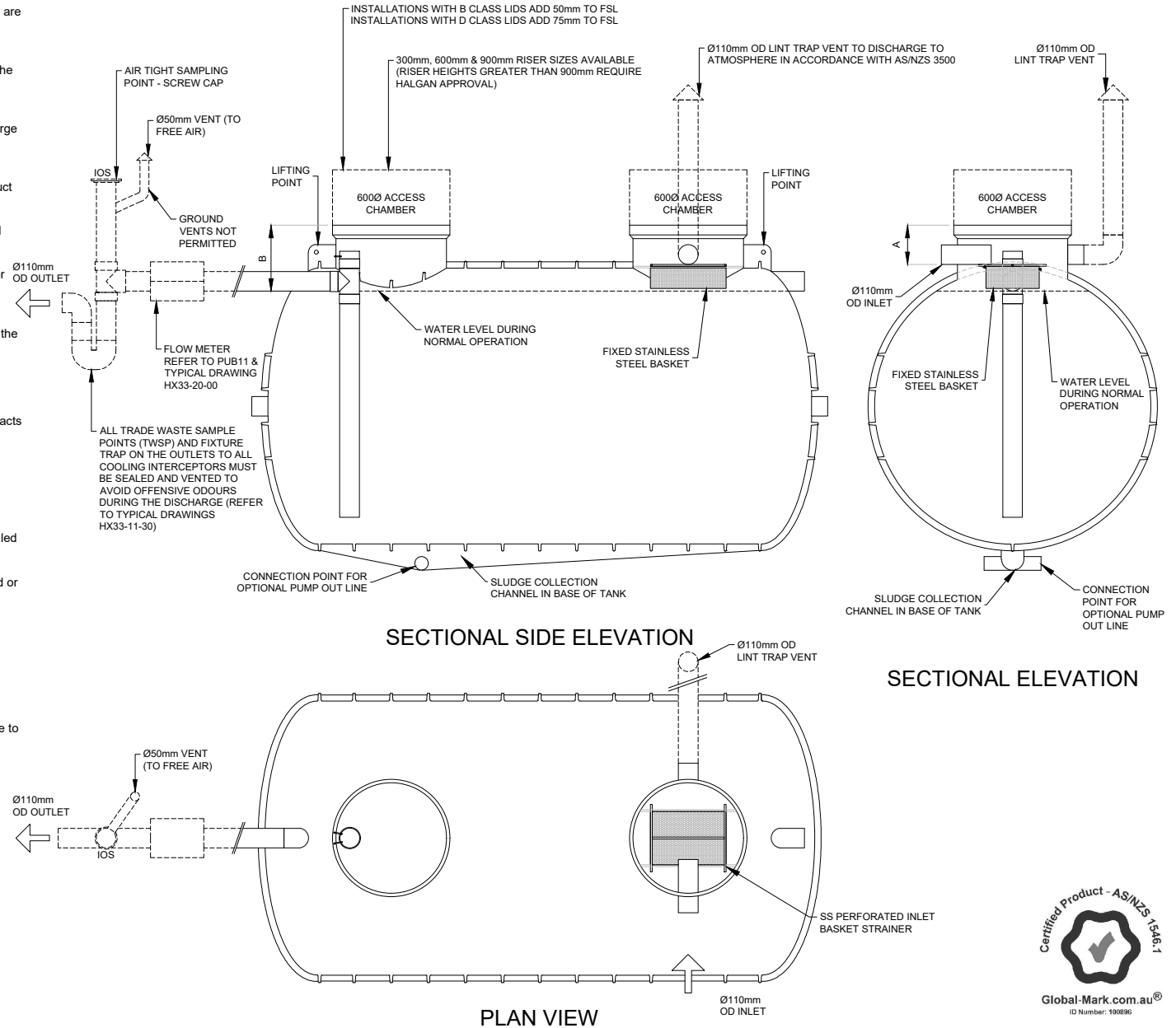


**Notes**

1. **Product:**  
The Halgan Lint Trap is manufacture from a chemical grade polyethylene. Our Lint Trap is supplied complete with Stainless Steel Perforated inlet basket strainer. Perforations available are from 0.1 mm to 8 mm. Halgan Lint Tank can be installed above and below ground.
2. **Application:**  
The Halgan Lint Trap is used for treatment of waste water from commercial dischargers. For example Laundromats. Refer to the local Trade Waste Standards. This standard outlines all the chemical parameter limits that can be accepted into the sewage system.
3. **Sizing**  
For correct sizing refer to your local Liquid Trade Waste Department.  
All Trade Waste customers require a Trade Waste Agreement or Consent prior to any discharge commencing.
4. **General**
  - 4.1. Tank constructed from Polyethylene.
  - 4.2. The Halgan Lint Trap is to be installed in a location that will not cause a nuisance, obstruct fire access, cannot be vandalised or be damaged by vehicles.
  - 4.3. The Lint Trap must have ease of access to pumpout point for maintenance.
  - 4.4. A hose tap fitted with RPZD backflow protection (as per AS/NZS 3500) must be installed within 5 metres of the Lint Trap for maintenance and cleaning.
5. **Installation above ground**
  - 5.1. The Lint Trap is to be supported on a 100mm thick concrete pad. A stand is available for the Halgan S Series Lint Trap if required.
  - 5.2. Any maintenance platform must be installed in accordance with Australian Standard AS 1657 allowing safe access while inspecting and maintaining the Lint Trap.
  - 5.3. All pipes connecting to the Lint Trap shall be fully supported, there shall be no stress on the tank connections.
  - 5.4. All stormwater must be diverted away from the Lint Trap to prevent undermining of foundation.
6. **Installation below ground**
  - 6.1. All connections to the Lint Trap shall be in accordance with the appropriate authorities.
  - 6.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
  - 6.3. The Lint Trap must be filled with water prior to backfilling.
7. **Excavation dimensions**
  - 7.1. The excavated hole width shall be kept as narrow as practicable. The depth shall not be greater than 150mm more than the required depth.
  - 7.2. 75mm clearance is required at the sides of tank.
8. **Over excavation**
  - 8.1. Where an excavation has been made deeper than required, the excess depth shall be filled either with bedding material compacted to achieve 98% compaction or concrete.
9. **Water Charged Ground**
  - 9.1. Where installation is in high water table or water charged ground, mine subsidence, filled or unstable areas, the services of a qualified structural engineer is required for certification.
10. **Bedding material**
  - 10.1. The bedding material shall be 1 part Portland cement to 4 parts clean sand.
  - 10.2. The bedding shall be thoroughly compacted by tamping at 300 mm layers.
  - 10.3. The bedding material shall encase the whole tank.
11. **Final Backfill**
  - 11.1. The final backfill material shall comply with the following:
    - 11.1.a. Spoil from the excavation of the trench may be used.
    - 11.1.b. Foreign material such as builder's waste, bricks, and concrete shall not be used.
    - 11.1.c. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.

# HALGAN™ HLTS 1000-5000-WA LINT TRAP DETAIL



| HALGAN™ HLTS 1000-5000 LINT TRAP DIMENSIONS       |             |            |             |            |             |        |        |
|---|-------------|------------|-------------|------------|-------------|--------|--------|
| DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS |             |            |             |            |             |        |        |
| MODEL   | HEIGHT (mm) | WIDTH (mm) | LENGTH (mm) | VOLUME (L) | WEIGHT (KG) | A (mm) | B (mm) |
| HLTS1000*   | 1550        | 1130       | 1700        | 1000       | 95          | 220    | 380    |
| HLTS1500  | 1550        | 1130       | 2280        | 1500       | 137         | 220    | 380    |
| HLTS2000  | 1550        | 1130       | 3010        | 2000       | 200         | 220    | 380    |
| HLTS3000  | 1680        | 1365       | 3055        | 3000       | 260         | 220    | 380    |
| HLTS4000  | 1825        | 1510       | 3250        | 4000       | 310         | 220    | 380    |
| HLTS5000  | 1940        | 1625       | 3200        | 5000       | 350         | 220    | 370    |

\* HLTS1000 only has one access hatch

| REV | DATE       | DESCRIPTION    | BY | CHKD | APP |
|-----|------------|----------------|----|------|-----|
| B   | 26.09.2019 | DETAIL AMENDED | JV | KC   | KH  |
| A   | 08.11.2019 | DETAIL DESIGN  | LB | JB   | KH  |

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MEASUREMENTS CAN VARY ± 3%

**HALGAN™ HLTS 1000-5000 WA LINT TRAP DETAIL**



| DRAWN            | DATE       | CHECKED | SCALE | REV |
|------------------|------------|---------|-------|-----|
| JV               | 26.09.2019 | JC      | 1:35  | A4  |
| HLTS1000-5000-WA |            |         |       | B   |