

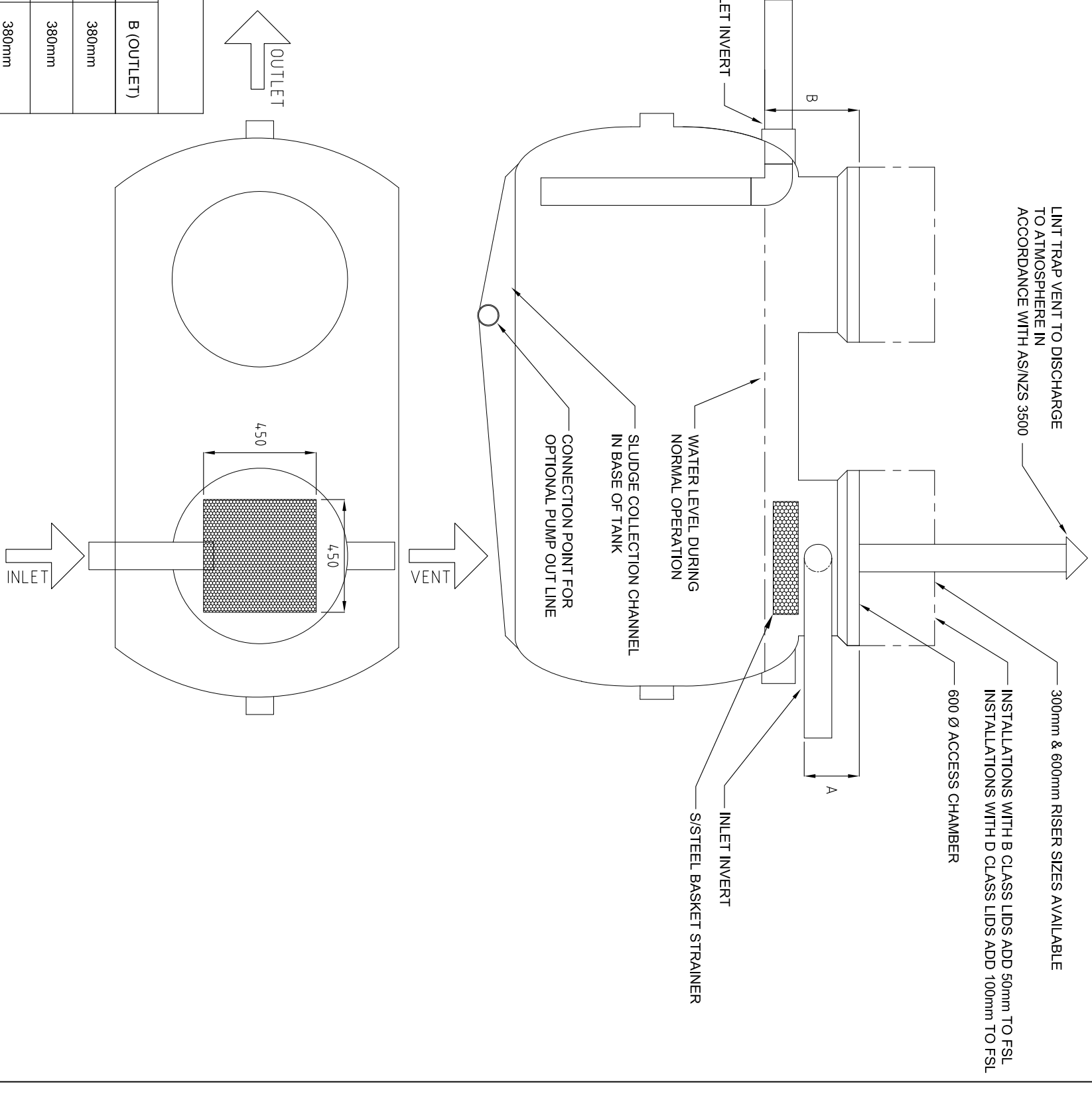
# HALGAN 1500 - 5000 LITRE S SERIES LINT TRAP DETAIL

## 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 1657-1992 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 4:1 sand cement 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/backfill material shall be Blue Metal granular material up to 10mm diameter.
  - 10.2. The bedding/backfill shall be minimum 75mm thick.
  - 10.3. The bedding/backfill shall be thoroughly compacted by tamping at 300mm layers.
  - 10.4. The bedding/backfill material shall encase the whole tank.
  - 10.5. Foreign material such as builders waste, bricks, and concrete shall not be used as backfill.
  - 10.6. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.

## HALGAN HLTS DIMENSIONS

MODEL	HEIGHT	WIDTH	LENGTH	VOLUME	WEIGHT	A (INLET)	B (OUTLET)
HLTS 1500	1515mm	1130mm	2230mm	1500 L	125KG	220mm	380mm
HLTS 2000	1515mm	1130mm	2910mm	2000 L	170 KG	220mm	380mm
HLTS 3000	1680mm	1290mm	3055mm	3000 L	210KG	220mm	380mm
HSTS 4000	1825mm	1510mm	3250mm	4000 L	250 KG	380mm	460mm
HSTS 5000	1940mm	1625mm	3200mm	5000 L	300KG	370mm	460mm



REV	DATE	DESCRIPTION	BY	CHKD	APP	IF IN DOUBT ASK	3rd ANGLE	REF. DWG.	TITLE	SCALE	DATE	REV	
A	29.10.2012	DETAIL DESIGN	DN	SM	KH	DO NOT SCALE			HALGAN 1500 - 5000 LITRE S SERIES LINT TRAP DETAIL	X	DN	29.10.2012	A3
B	18.11.2013	DETAIL DESIGN	RB	SM	KH					X			
										X			
										X			
										X			