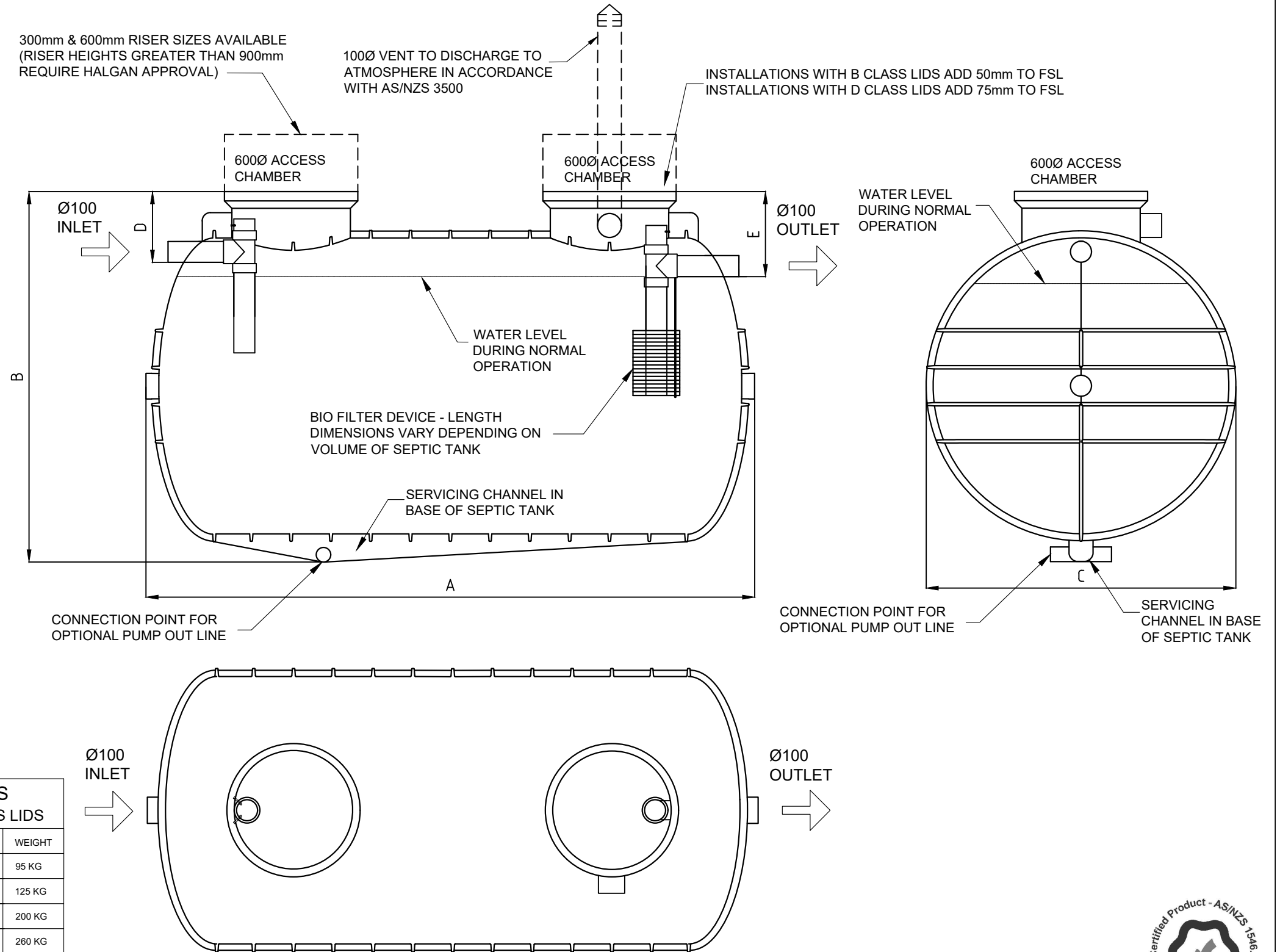


Notes

1. **General**
 - 1.1. Tank constructed from Polyethylene.
 - 1.2. The HSEPS 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 HSEPS must have ease of access to pumpout point for maintenance.
 - 1.4. Non standard installations require Halgan approval.
2. **Installation below ground**
 - 2.1. All connections to the HSEPS shall be in accordance with the appropriate authorities.
 - 2.2. Any excavation exceeding 1.5 metres in depth shall comply with the construction safety acts and regulations before backfilling.
 - 2.3. The HSEPS must be filled with water prior to backfilling.
 - 2.4. Riser heights greater than 900mm require Halgan approval.
3. **Excavation dimensions**
 - 3.1. The excavated hole width shall be kept as narrow as practicable. The depth shall not be greater than 150mm more than the required depth.
 - 3.2. 75mm clearance is required at the sides of tank.
4. **Over excavation**
 - 4.1. 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.
5. **Bedding/Backfill**
 - 5.1. The bedding/backfill material shall be Blue Metal granular material up to 10mm diameter.
 - 5.2. The bedding/backfill shall be minimum 75mm thick.
 - 5.3. The bedding/backfill shall be thoroughly compacted by tamping at 300 mm layers.
 - 5.4. The bedding/backfill material shall encase the whole tank.
 - 5.5. Foreign material such as builder's waste, bricks, and concrete shall not be used as backfill.
 - 5.6. 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.

HALGAN™ SEPTIC TANK DETAIL



HALGAN™ HSEPS SEPTIC TANK DIMENSIONS							
DIMENSIONS DO NOT INCLUDE PIPEWORK OR ACCESS LIDS							
MODEL	A	B	C	D	E	VOLUME	WEIGHT
HSEPS1000	1700mm	1550mm	1130mm	380mm	455mm	1000 L	95 KG
HSEPS1500	2280mm	1550mm	1130mm	380mm	455mm	1500 L	125 KG
HSEPS2000	3010mm	1550mm	1130mm	380mm	455mm	2000 L	200 KG
HSEPS3000	3055mm	1680mm	1365mm	380mm	455mm	3000 L	260 KG
HSEPS4000	3250mm	1825mm	1510mm	380mm	455mm	4000 L	310 KG
HSEPS5000	3200mm	1940mm	1625mm	370mm	445mm	5000 L	350 KG



REV	DATE	DESCRIPTION	BY	CHKD	APP
A-3	05.12.2017	DETAIL DESIGN & NOTES AMENDED	LB	KH	KH
A-2	16.11.2017	NOTES, DIMENSION TABLE & DETAIL AMENDED	LB	KH	KH
A-1	23.05.2013	NOTES, DIMENSION TABLE & DETAIL AMENDED	DN	SM	KH
A	22.02.2013	DETAIL DESIGN	DN	SM	KH

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DO NOT SCALE IF IN DOUBT ASK



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SEPTIC TANK IN
GROUND S SERIES
DETAIL

DRAWN	DATE	SCALE	REV.
LB	05.12.2017	1:20	A-3
CHECKED			
KH			
DWG. NO.			
HSEPS			A-3