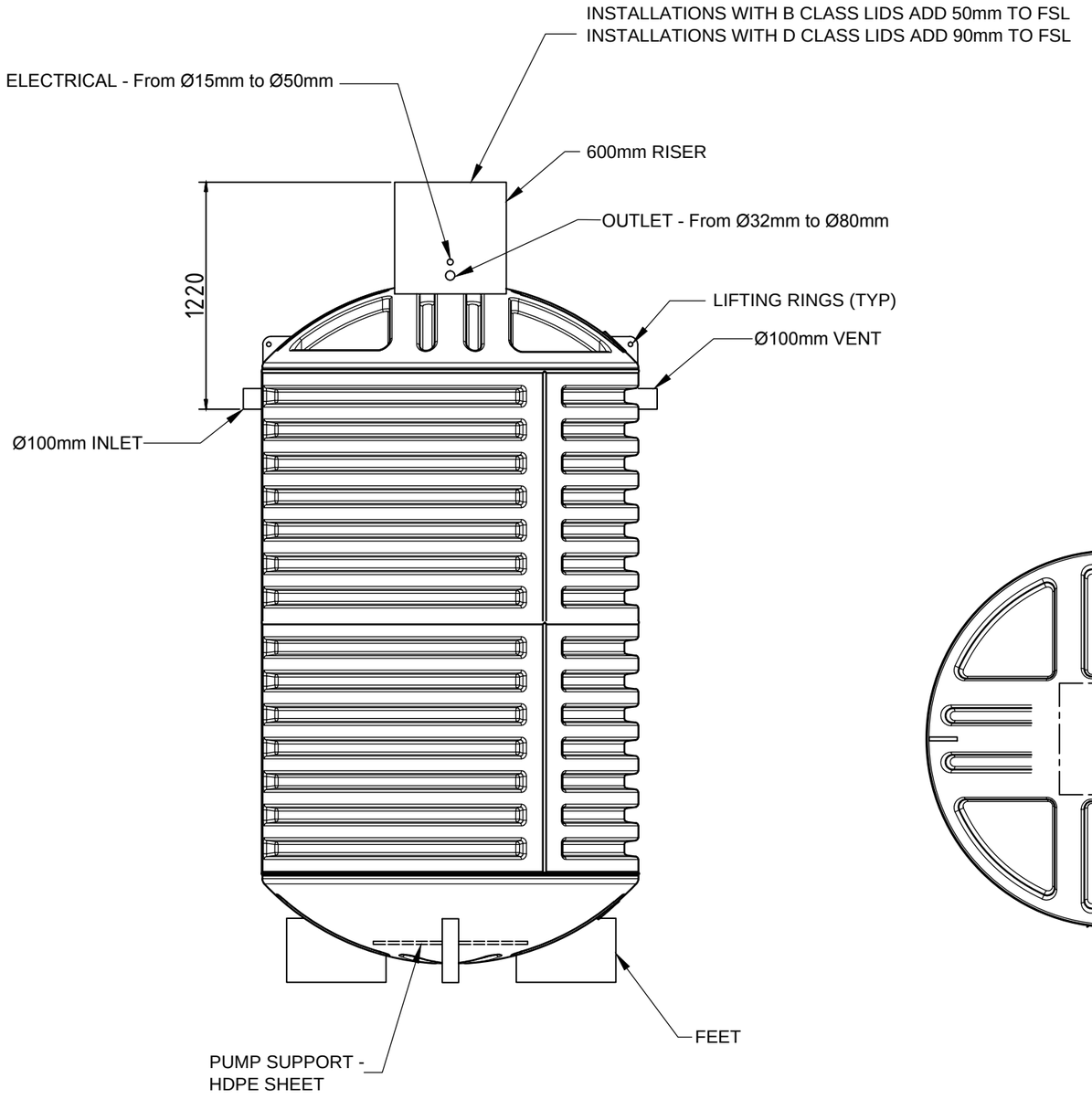
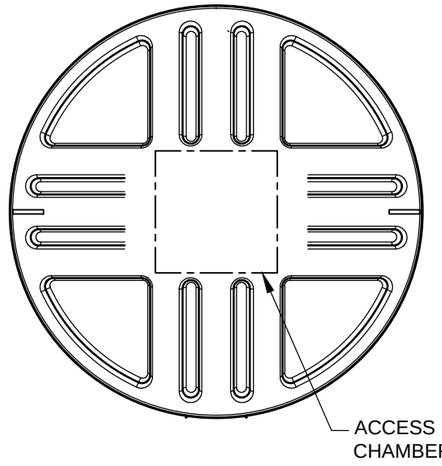
HALGAN™ HPSR10000 PUMPSTATION DETAIL

Notes

1. General
   - 1.1. Tank constructed from HDPE.
   - 1.2. 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. Must have ease of access to pumpout point for maintenance.
   - 1.4. Non standard installations require Halgan approval.
2. Installation above ground
   - 2.1. The Halgan Tanks to be supported on a 100mm thick concrete pad.
   - 2.2. Any maintenance platform must be installed in accordance with Australian Standard 1657-1992 allowing safe access while inspecting and maintaining.
   - 2.3. All pipes connecting shall be fully supported; there shall be no stress on the tank connections.
   - 2.4. All stormwater must be diverted away to prevent undermining of foundation.
3. Installation below ground
   - 3.1. All connections 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. Must be filled with 2/3 with water prior to backfilling.
   - 3.4. 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. DO NOT EXCEED EXCAVATED DEPTH.
   - 3.2. 100mm clearance is required at the sides of tank.
   - 3.3. If the excavated hole floor is not strong enough to support the tank full, 100 mm reinforced concrete base is required,
   - 3.4. Where the base material has poor drainage (clay), then suitable & sufficient drainage is required.
4. Over excavation
   - 4.1. Where an excavation has been made deeper than required, the excess depth shall be filled with concrete.
5. Backfill
   - 5.1. The backfill material shall be granular material up to 10mm diameter.
   - 5.2. The backfill up to the heights of the inlet/outlet connections.
   - 5.3. The backfill shall be thoroughly compacted by tampering at 300 mm layers.
   - 5.4. The backfill material above the the inlet/outlet connections shall be 600 mm deep ballast material with a density of < 1700 kg/m3.
   - 5.5. The final backfill is top soil free from foreign material such as builder's waste, bricks, and rocks.
   - 5.6. The backfill shall be compacted to restore the excavated hole as near as practicable to the normal ground.
   - 7.2 Optional extra Anchoring kits available.
   - 8.0 Larger pipe connections available.

HALGAN HPSR10000 DIMENSIONS				
MODEL	HEIGHT	WIDTH	VOLUME	WEIGHT
HPSR10000	4300mm	2024mm	10000 L	560 KG





REV	DATE	DESCRIPTION	BY	CHKD	APP
A	10.05.2016	DETAIL DESIGN	LB	KH	KH

DO NOT SCALE IF IN DOUBT ASK

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HALGAN PUMPSTATION
HPSR10000 DETAIL

DRAWN	DATE
LB	24.06.2016
CHECKED	SCALE
KH	A3
DWG NO.	REV.
HPSR10000	A-1