

PUMP STATIONS DIRECT POLYETHYLENE PUMP STATION

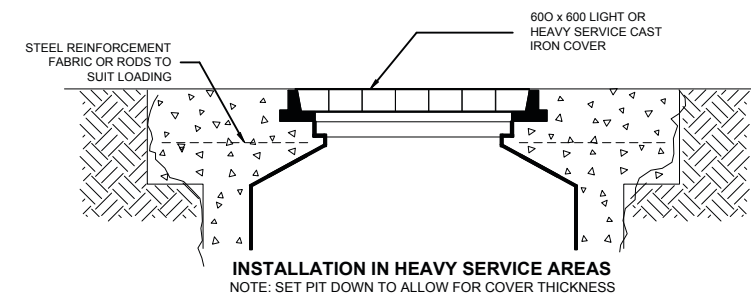
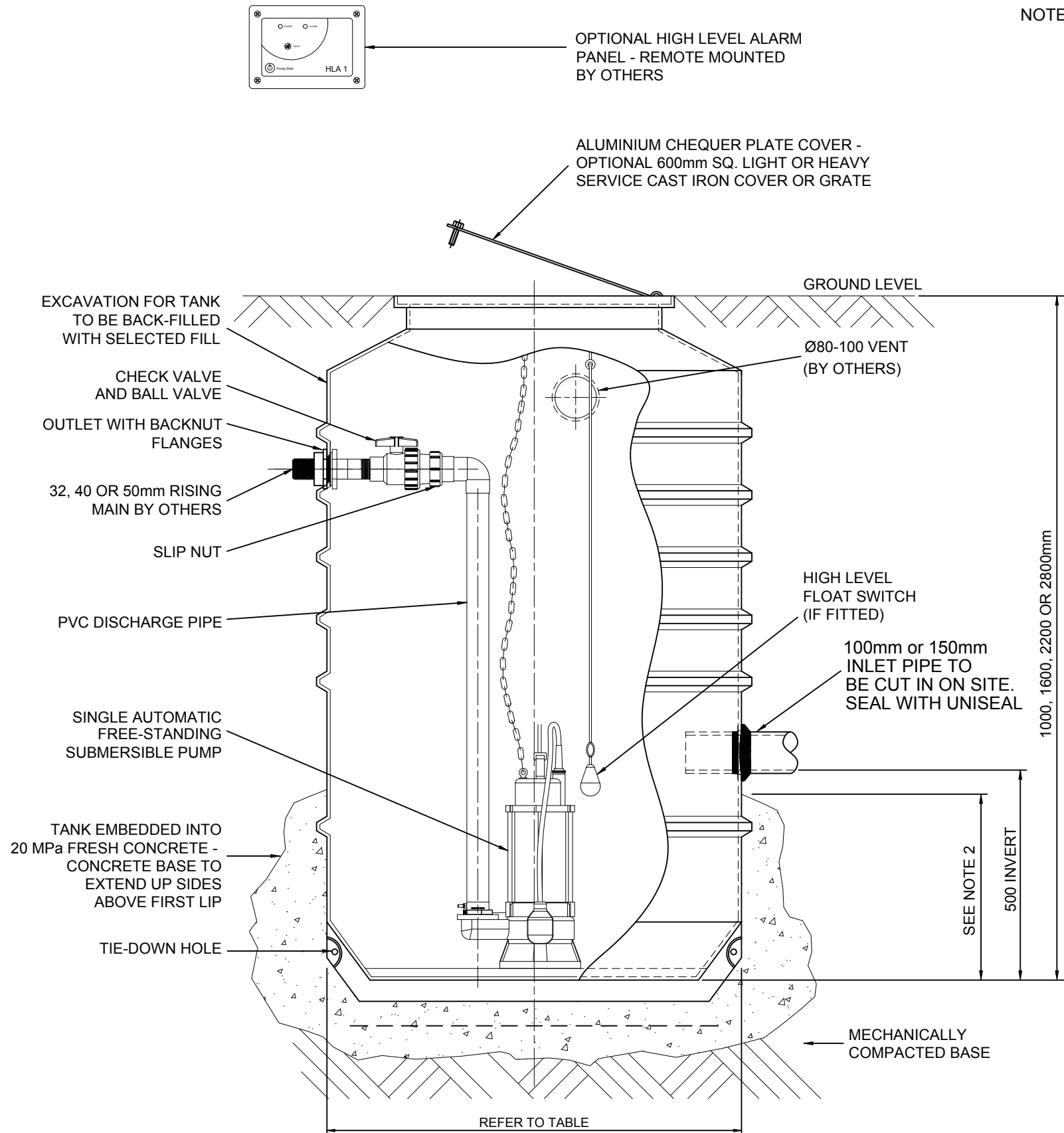
Ø32mm, Ø40mm and Ø50mm SINGLE SUBMERSIBLE PUMP

PIT MODEL	NOMINAL DEPTH	TOTAL CAPACITY	TANK O.D.
PS 11A	1660mm	1200 LTS	1150mm
PS 16A	2000mm	1600 LTS	1200mm
PS 20A	2500mm	2000 LTS	1200mm

NOTE: 600mm EXTENSION AVAILABLE

INSTALLATION NOTES:

1. Tank construction is 8mm polyethylene manufactured in accordance with strict quality control procedures. Complies with AS/ NZS 1546.1 2008.
2. Compact a 100mm sand bed to a finished depth 100mm deeper than tank depth. Bed tank down in fresh concrete and pour additional concrete around sides to cover first rib. Note that on the PS-16A and 20A tanks, insert 400mm x Ø16 reinforcement bars in each tie-down hole, and pour concrete around sides to ensure min 100mm coverage. If bottom of tank is below maximum ground water level, consult ballast chart to confirm extent of ballast required. Concrete to be continued to top of tank on all installations within the foundations of a building. When using cast iron load-bearing cover, tie cover in with surrounding concrete or support cover by continuing concrete up sides to top of tank.
3. Note - Set top of tank below ground level to allow for thickness of cast iron cover.
4. Vent and conduit penetrations to be made as close as possible to top of tank and at right angles to tank wall. Vent to be sealed through tank wall with 'Uniseal'. Electrician to install 3 x 50mm conduits in a straight line from tank to control panel, sealed through tank wall using plain to screwed adaptors. Use long radius bends not elbows, and cover conduits up wall or controller stand with appropriate mechanical protection.
5. Electrician to connect pumps and level probes/floats, and seal cables inside conduit with silicon to prevent gases venting into pump controller. Check for adequate power supply before commencing installation.
6. Before connecting power supply to pump controller, check all connections and relays for any misplacement that may have occurred during transport. When commissioning, set overloads to pump nameplate amps. Record voltage and running current whilst pump is under load. IMPORTANT: On three phase units, direction of rotation must be physically sight checked by lifting pump.
7. Set high-level alarm float 100mm above start switch/ probe. Note: Specify if pump and float cables need to be longer than the standard 10m.
8. Tank to be regularly cleaned by hand-held hose, and pump and alarm operation checked. In high grease applications, tank should be degreased on a regular basis by a waste removal contractor. Pump to be removed for service on approximately a 12 monthly cycle.



Pump Stations Direct
info@pumpstationsdirect.com.au

**AUTOMATIC SINGLE STORMWATER
OR SEWAGE PUMP - FREE STANDING**

Drn. E.S.	Scale	Drg. No.	Rev
Ckd. D.B.	N.T.S	PSD-09	B
Appr. K.S.			