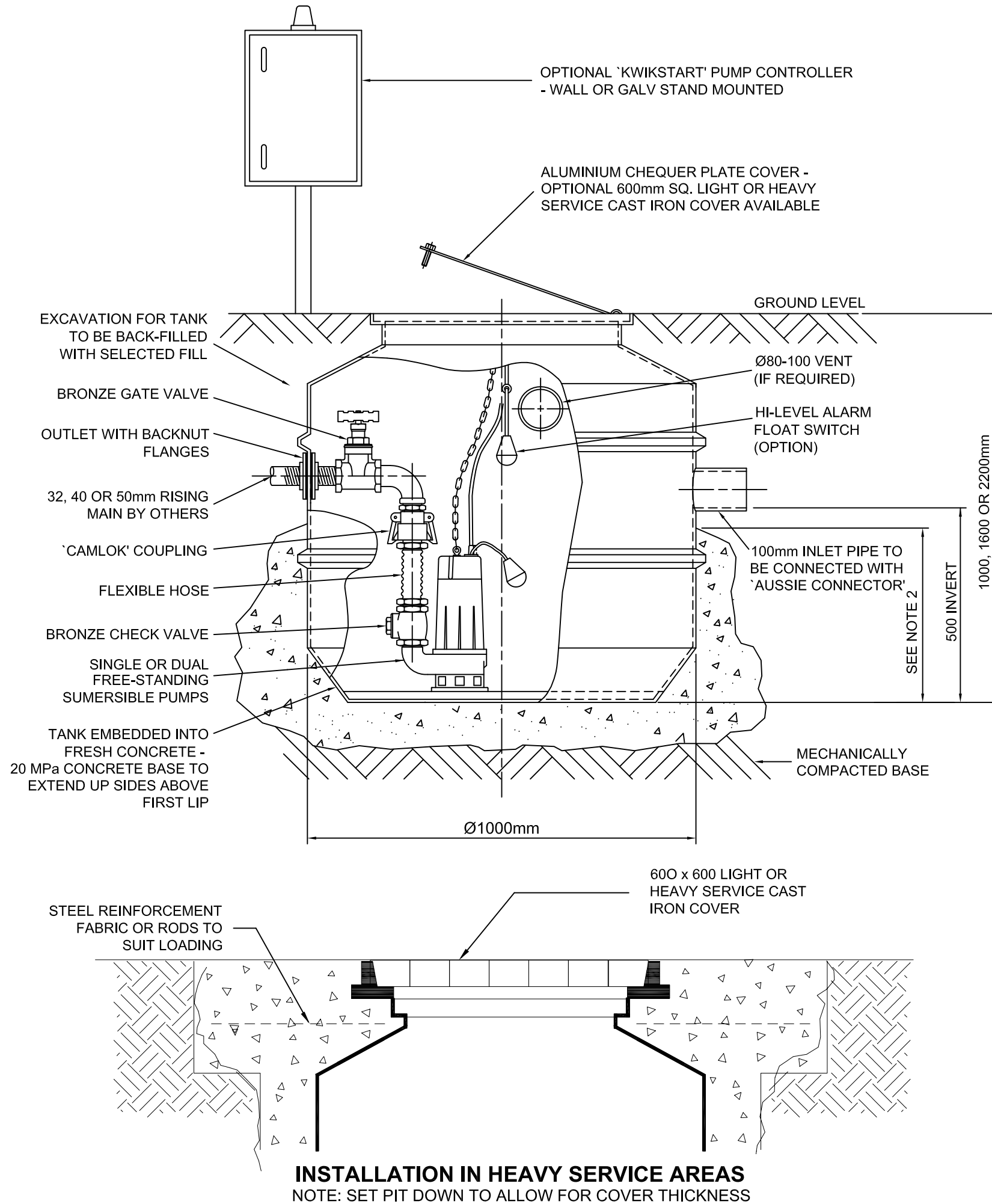


Halgan Ø1000mm POLYETHYLENE PUMP STATION

PIT MODEL	NOMINAL DEPTH	TOTAL CAPACITY	TANK/LID WEIGHT
PPE 1000	1000mm	650 LTS	50 Kgs
PPE 1600	1600mm	1125 LTS	66 Kgs
PPE 2200	2200mm	1600 LTS	82 Kgs



INSTALLATION NOTES:

1. Tank construction is 8mm polyethylene manufactured in accordance with strict quality control procedures.
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. 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. Note - set top of tank below ground level to allow for thickness of cast iron cover.
3. 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 'Multi Seal' or Ferropre. Electrician to install a 50mm conduit for each pump in a straight line from tank to controller location, seal 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.
4. 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.
5. 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.
6. Adjust start level to give a minimum of one start per day under normal operating conditions, with a maximum of 10 starts per hour continuous. Set high-level alarm float 100mm above start switch.
7. 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.

AUTOMATIC SINGLE/DUAL STORMWATER OR SEWAGE PUMP - FREE STANDING

Drn.		Scale	Drg. No.	Rev
Ckd.		NTS		
Appr				