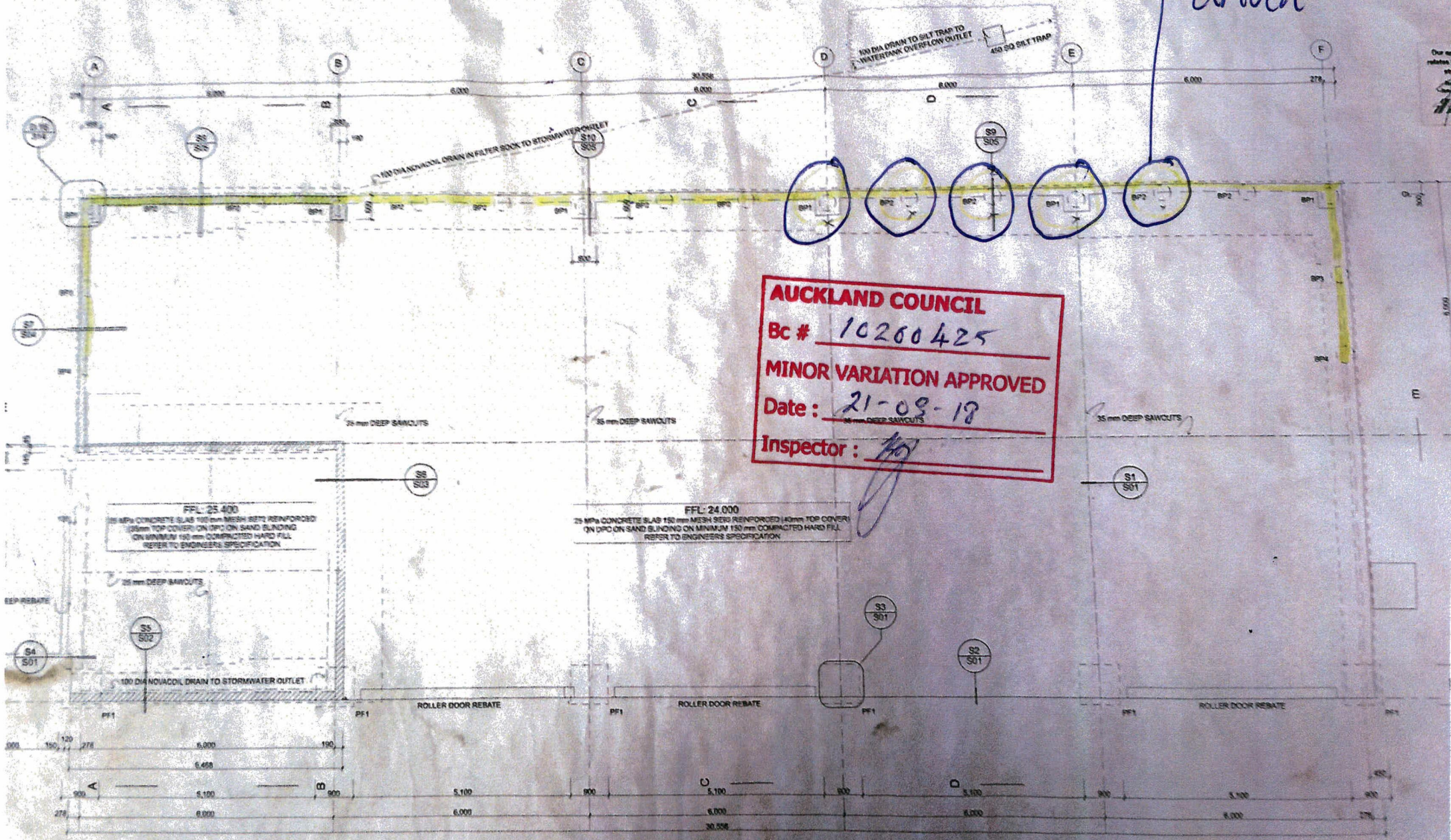


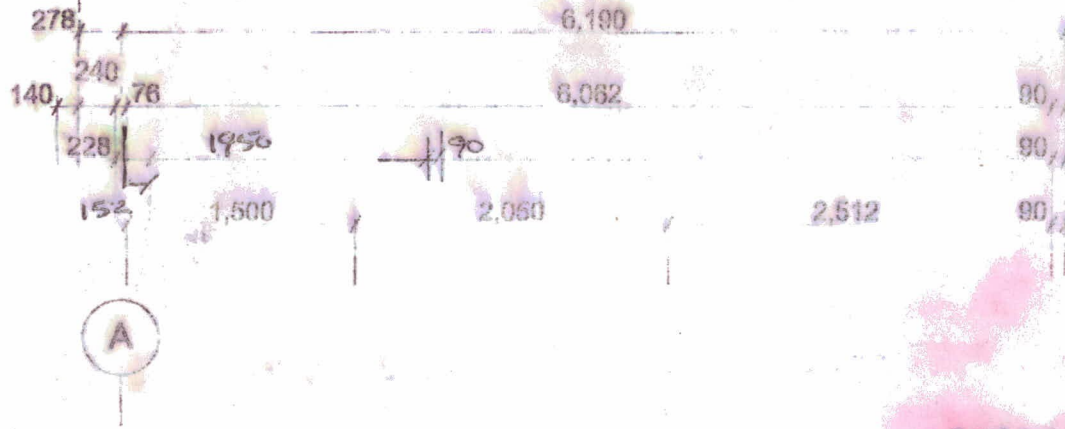
250 sed post driven.



AUCKLAND COUNCIL
Bc # 10200425
MINOR VARIATION APPROVED
Date: 21-08-18
Inspector: [Signature]

INDICATES 20 SERIES MASONRY BLOCK RETAINING WALL.
REFER TO ENGINEERING DETAILS FOR FOOTING SIZE AND REINFORCING.
WATERPROOFED WITH NUBISEAL WITH FORMFLOW 100 PROTECTION BOARD.

MINOR VARIATIONS TO APPROVED PLANS AS PER BUILDING CONSENT # BCO 10260425
 "REPLACEMENT PLANING SHED" AT 362 MATAKANA VALLEY ROAD - MATAKANA



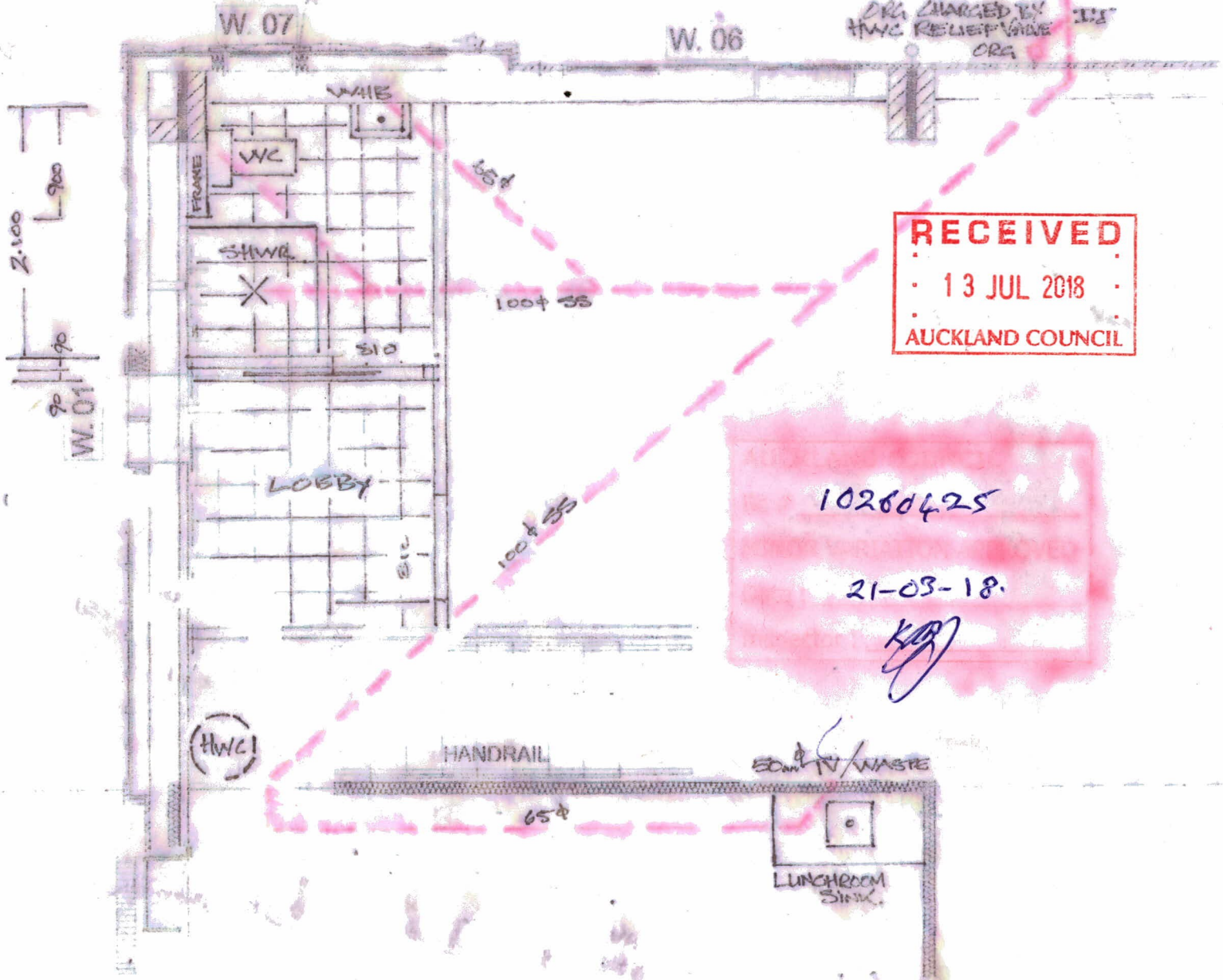
WALLAGE WP250 PUMP CHAMBER
 WITH W.750 BV VORTEX PUMP
 WITH AUDIO/VISUAL HIGH LEVEL
 ALARM (RE AIR SPEC)
 50MM LDP RISING MAIN TO
 EXISTING SEPTIC TANK

DISABLED TOILET & SHOWER
 CONFIGURED SIMILAR TO DRAWING
 F1.5 (ATTACHED)

50MM LDP TO
 EXISTING SEPTIC TANK

WP250

ORG CHARGED BY
 HWC RELIEF VALVE
 ORG



RECEIVED

13 JUL 2018

AUCKLAND COUNCIL

10260425

21-03-18

[Signature]

AUCKLAND COUNCIL

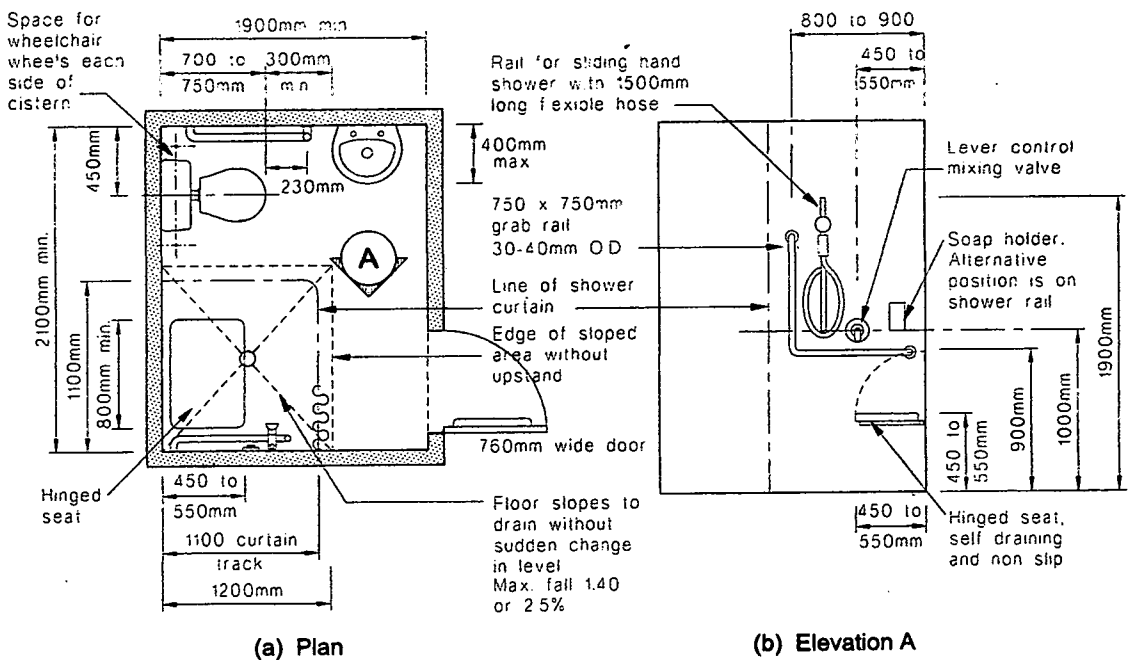
Bc # 10260425

MIL ☒ APPR ☒

Date: 21-03-18

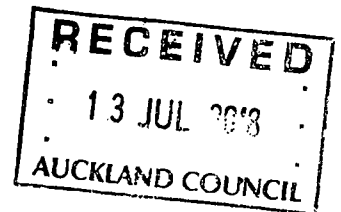
EXAMPLE ONLY OF INTENDED DISABLED TOILET & SHOWER

Figure 5:



Pump Chamber 250 Litre WP250

Domestic/Commercial packaged pump station

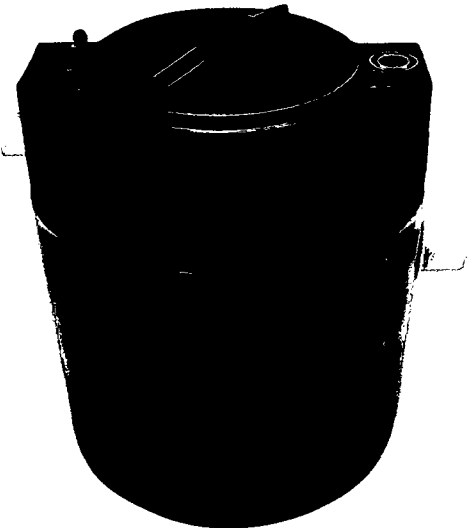


APPLICATION

Wallace WP250 is designed as a secondary unit for domestic applications where a dwelling is below conventional council sewer line and a storage type pump station is required with limited space availability

DESIGN FEATURES

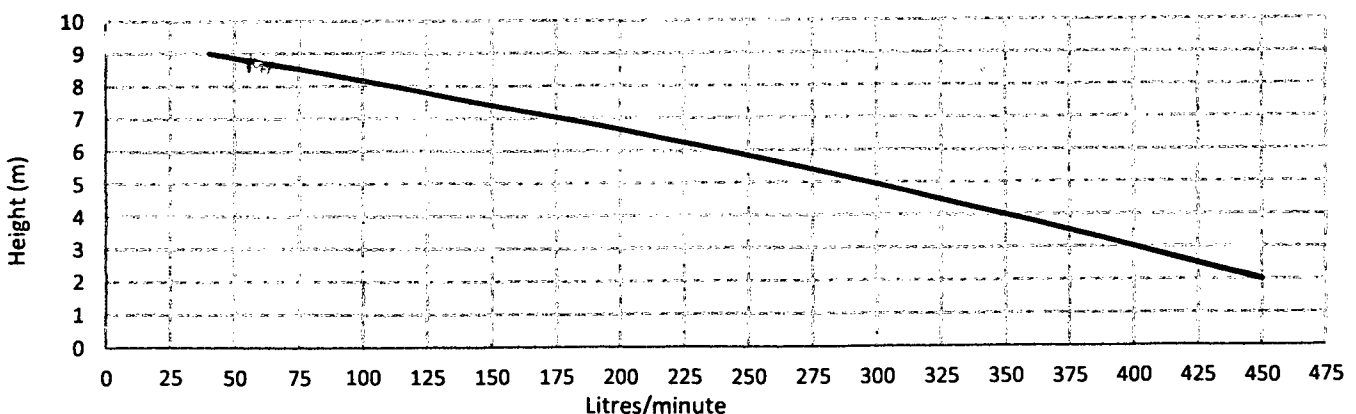
- Moulded PE tank has compact overall size of 710mm diameter X 780mm (Overall height Incl lid 870mm) with approximate volume of 250ltr
- Compact design can be installed in confined space.
- Unit can be installed Above-Ground or Under-Ground.
- Gland design allows easy access and removal of separate float switches(if supplied) without disturbing pump and piping.
- Package supplied complete with selected Pump.
- Control panel **MUST** be installed in weatherproof locati
- Package can be supplied with High Level Alarm System with or without auto water shutoff via solenoid valves. Alarm panel **MUST** be installed in weatherproof location.
- Non Return Valve, Isolating valve and union supplied assembled with 100mm PVC inlet and 50mm PVC outlet



TECHNICAL DATA

Tank Volume (Litres)	250	Alarm (Type)	Pump Dependant
Dimensions (mm)	710Ø x 780H	Inlet	100mm UPVC
Total Weight (Kg)	30	Discharge	50mm PVC class D
Pump (Type)	Application Specific	Valves	50mm non return & isolating

Pump Performance Based on W-750SK



SUBMERSIBLE W-750 SV / W-1500 SV

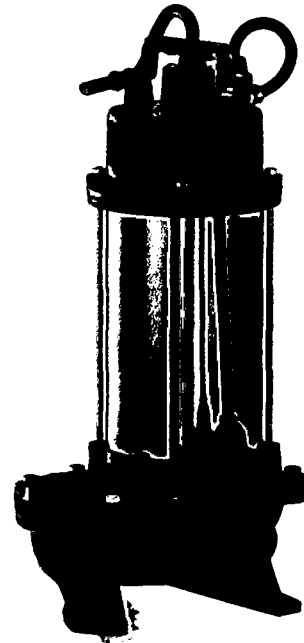
Sewage and waste water pump

APPLICATION

Suitable for domestic sewage and waste water containing human faeces and water soluble toilet paper with soft solids of maximum 30 – 35mm Ø (750SV) 45mm – 50mm Ø (1500SV) and maximum 2 – 3% concentration by volume. **Not suitable** when liquid contains hard solids i.e. sand, stones, gravel, wood, stringy material like clothes, plastic bags, sanitary pads, nappies or tough non water soluble papers like wet wipes, cardboard or rubber etc...

DESIGN FEATURES

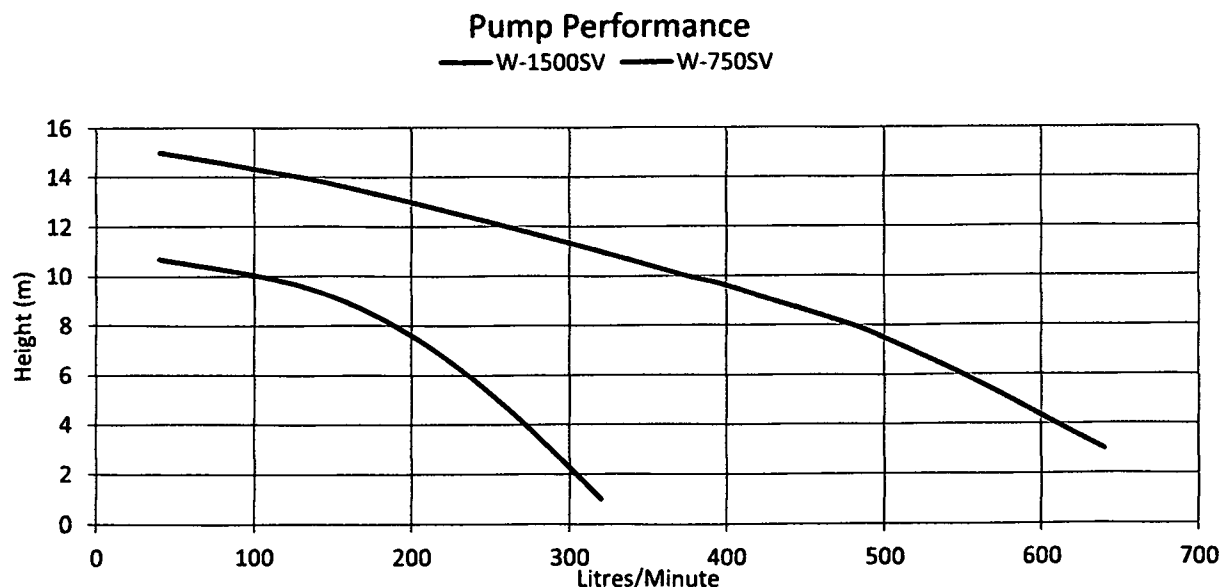
- Advanced Vortex Impeller design allows soft particles of 30 – 50mm Ø to pass without any blockage
- Vortex impeller vanes have good efficiency and reliability of performance
- Triplex sealing **Double Mechanical Seal** in oil bath plus an oil seal arrangement for protection of motor from any ingress of sewage or waste water
- Unique epoxy cable sealing protects from water entering motor
- Heavy duty upper / lower ball bearings ensure smooth operation and supports load / thrust
- Both pumps comes with built-in float switch for automatic liquid level operation
- All pumps supplied with base mounting. Auto-coupling option available on request



TECHNICAL DATA

Model	Motor (kW/HP)	Volt / Phase	Full Load current	Discharge (mm)
W-750 SV	0.75 / 1.0	230 / 1	7.0 amps	50mm
W-1500 SV	1.5 / 2.0	230 / 1	13.0 amps	80mm

Model	Pump Dimensions (mm)	Weight	Cable Length
W-750 SV	463(H) x 155(W) x 240(L)	20 Kg	10 Metre
W-1500 SV	593(H) x 182(W) x 380(L)	40 Kg	10 Metre



HIGH LOW LEVEL ALARM

Audio – Visual High / Low level alarm for use with sewage and waste water sumps or water tanks

APPLICATION

- Flooding / Spilling of hazardous sewage and waste water due to submersible pump failure or overflowing of potable water from the holding tank can happen if there is no prior warning to the user.
- Wallace Pumps have produced the Electronic High / Low Level Alarm system. It will give a prior audio-visual warning of the possible overflow so remedial action can be taken.



DESIGN FEATURES

- High or low level audio / visual alarm actuation by float switch (10m cable)
- High Intensity Flashing LED Indication for "Alarm On"
- LED Indication for "Power On"
- Audio Buzzer sound activation for alarm on
- "Mute" switch on panel to stop the buzzer sound only
- Set of Volts free contacts for Remote Alarm or Building Management Systems
- Safe Low Voltage (12V DC) control circuit for float / pressure switch
- Standard 230V, 1 Phase, 50 HZ power input to unit
- Can be used as High / Low Pressure Alarm system by using a standard pressure switch as sensor instead of float switch

TECHNICAL FEATURES

- Installation of a float switch at required level in the sump/tank. Float switch wires to be connected to the installed Alarm panel. 230V, 1Ph power supply to be connected to Alarm Panel.
 - The alarm panel will automatically activate the alarm
 - Panel starts flashing the high intensity "ALARM ON" LED
 - The volts free contacts in the panel will close giving signal to remote alarm or Building Management System if connected.
 - The alarm can only be stopped by pressing the "MUTE" switch on the panel. The rest of the features will remain activated until the level goes back to normal and the float switch contacts are open
 - All features automatically reset to original settings when the level goes back to normal and the float switch contacts are open.
 - Alarm system can be easily retrofitted to existing sump / tank.
 - Alarm system can be used to avoid high / low pressure by using a pressure switch instead of float switch.