

SUMP INSTALLATION:

Once the type of sump most suitable for the basement / project has been selected. It is important to ensure that the sump chamber is installed correctly.

1. PERFORATED SUMP CHAMBER:

Once the location for the sump has been identified:

- Dig a circular hole to a depth (minimum) of 610mm and to a width of (minimum) 630mm.
- Connect alarm and inlet and discharge pipes in accordance with instructions for Aquapump.
- Lay a 50mm bed of 20mm aggregate in the base of the hole.
- Insert sump basin.
- Using spirit level, adjust top of basin to level, and level with required height of finish e.g. finished floor.
- Fill in around the sides of the sump chamber with 20mm aggregate.
- Continue to install pumps and alarms in accordance with their installation guidelines.

2. NON PERFORATED (SOLID) SUMP CHAMBER:

Once the location for the sump has been identified:

- Dig a circular hole to a depth of 650mm (minimum) and to a width of 650mm (minimum).
- At the base of the sump chamber drill 4 number holes (minimum 12mm diameter) opposite to each other.
- Cut two lengths of reinforcing bar to 660mm (minimum) in length and insert into holes drilled into base of chamber. Each bar should protrude a minimum of 100mm from each side of the sump chamber.
- Connect alarm, inlet pipes and discharge pipes in accordance with Aquapump installation.
- Place 100mm concrete to base of hole
- Insert sump chamber to hole.
- Check that sump is level and set at required height by way of spirit level.
- Fill sump two thirds with water, then infill around chamber with concrete, ensuring it is well compacted.
- Once concrete has cured, empty sump of water and install pumps and alarms in accordance with their installation guidelines.

See drawing numbers IP 029.1 and IP 013.1 for details (in drawing section of this manual).