

Crown Water Conical Unit Fixing Instructions

General Arrangements

- The Vortex Flow Control is a surface water regulator
- It is installed in a control chamber, mounted over the Outgoing pipe (minimum outlet pipe is advised on the units quotation)
- A Flat Surface is required for mounting the Unit unless the unit has been ordered with a curved backplate. If you are not using a curved backplate, it is necessary to build up a concrete mounting pad around the outgoing pipe large enough to accommodate the unit
- The unit is fixed to the concrete pad so that the invert of the unit is in line with the invert of the outlet pipe
- The chamber is to be benched so that there is a fall towards the intake of the control, with a dry weather channel so that at low flows they are directed towards the unit intake

Fixing Arrangements

- 1) Offer up the unit to the mounting area
- 2) The invert of the unit is to match the invert of the outgoing pipe
- 3) Mark through the fixing bolt holes and drill the holes for the Anchor Bolts with a 10mm Drill Bit
- 4) Insert Anchor Bolts in holes in the backplate and secure
- 5) Where a bypass door is fitted, lead the pull wire to the chamber access and secure within easy reach
- 6) Finish the chamber by benching in