

Crown Water Orifice Plate with Bypass Door Fixing Instructions

General Arrangements

- The orifice plate is a surface water regulator. It is installed in a control chamber, mounted over the outgoing pipe.
- A flat surface is required for mounting the plate. In a circular chamber it is necessary to build up a concrete mounting pad around the outgoing pipe large enough to accommodate the plate.

Fixing Arrangements

- 1) Offer up the plate to the mounting area so that the invert of the Orifice is located at the invert of the outlet pipe
- 2) A sort of sealant or mastic can be used to seal the orifice plate to the flat face wall
- 3) Mark through the fixing holes and drill for the anchor bolts with a 10mm drill bit
- 4) Insert anchor bolts and tighten until secure
- 5) Lead the bypass door's wire to the chamber access and secure within easy reach.