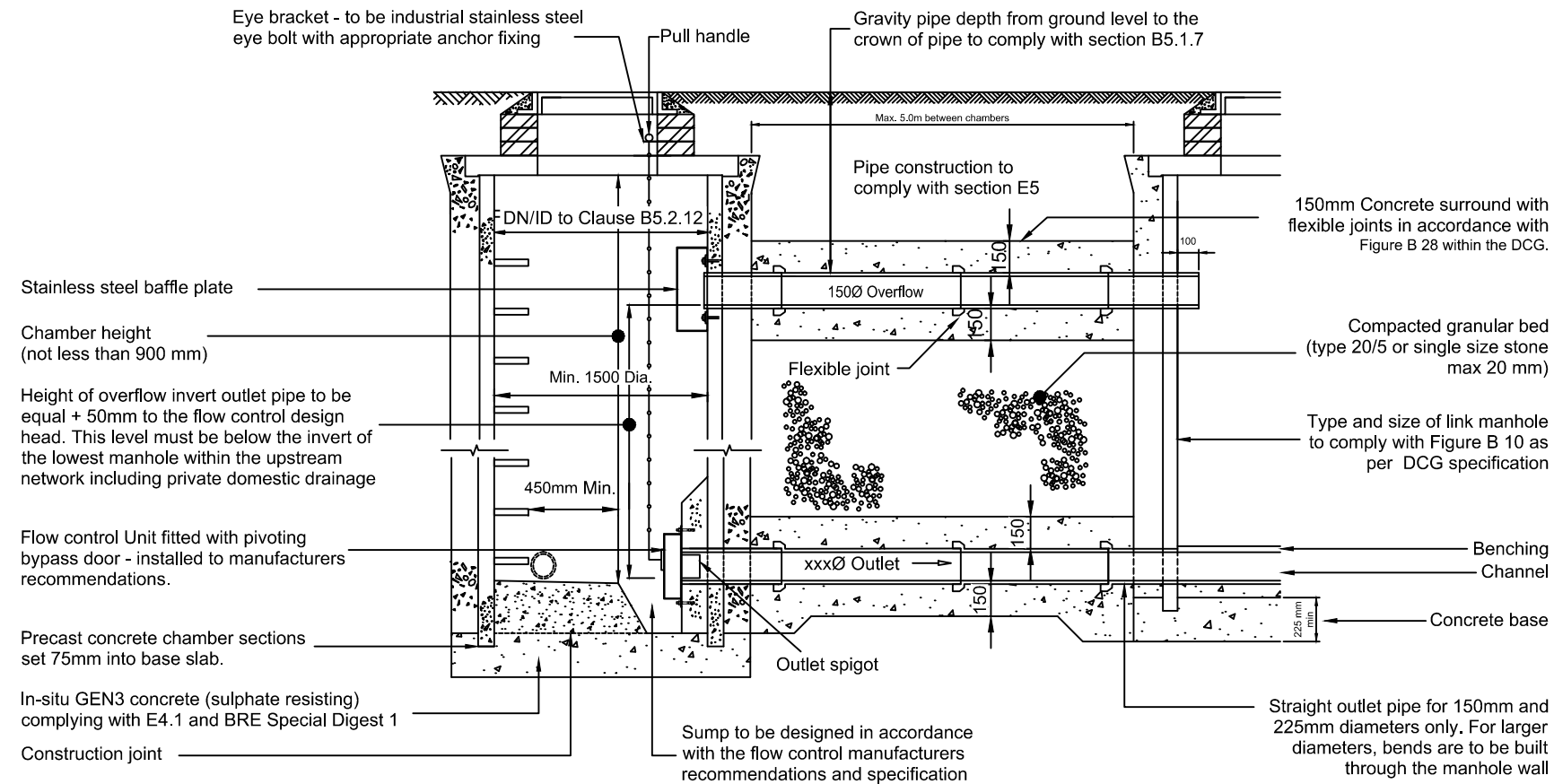


FLOW CONTROL UNIT - ANGLIAN WATER PREFERRED ARRANGEMENT

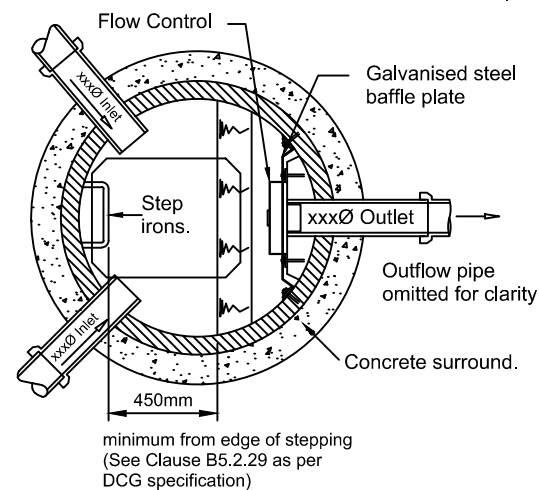
Rigid material construction with concrete surround

Note:- All notations as per manhole Type B - Figure B.10 unless noted or agreed otherwise



Flow Control Chamber Notes

1. Refer to Drawing xxxxxx for details of the overall drainage system.
2. Chamber No. xxx is to contain an approved flow control device to restrict flow to a maximum of xx l/s.
3. Flow control device to be installed generally in accordance with manufacturers recommendations.
4. Flow Control to be;
 - Manufacturer and Type
 - Diameter xxxmm
 - Design Head x.xxxm
 - Design Flow xxl/s
 - Installed IL xx.xxx
5. Manhole access opening / cover size should be adequate to enable installation and removal of flow control device.
6. Mounting block to consist of GEN 3 concrete secured to the PCC chamber rings using appropriate proprietary ties. Class F2 form work to all exposed faces, U2 finish to unformed surfaces.



All pipes entering or leaving manholes shall have a flexible joint within 600mm of the inside face of the manhole. The next pipe shall be a short "rocker pipe" 600mm in length.

Where sediment control is not provided upstream of the flow control chamber (eg. permeable paving) and a vortex orifice size of min. 100mm diameter cannot be achieved, we will require Anglian Water compatible level monitoring to be installed at the Developer's expense. Please liaise with Anglian Water to discuss this further. We would first expect alternative design options to be considered eg. combining surface water catchments to create a single discharge point with a higher rate as opposed to various separate outfalls across a site.