**Hydro-Brake Optimum® Specification Clause**

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| **Project Name** |  | | |
| **Site Location** |  | | |
| **Design Flow** | l/s | | |
| **Design Head** | m | | |
| **TWL** | m | | |
| **Outlet Invert Level** | m | | |
| **Type of System – (Stormwater, Combined, Foul, New, Existing)** |  | | |
| **Application** | **SUDS Scheme** | |  |
| **Adoptable Sewer** | |  |
| **Housing** | |  |
| **Commercial / Industrial** | |  |
| **Highway Drainage** | |  |
| **Inlet Works** | |  |
| **Other (please specify)** |  | |
| **Adoptable?** | Yes / No | | |
| **Type of Storage Required (eg. Ponds/Swales, Oversized Pipes, Box Culverts, Pre-formed Concrete Tanks, Stormcell®, Stormbloc®, Other Plastic Blocks)** |  | | |
| **Other Special Options Available** | Vortex Suppressor Pipe | |  |
| Rodding Pipe | |  |
| Pressure Applications | |  |
| Dry Mounted | |  |
| **Vortex flow control shall comply with the following:**   * WRC Approved & BBA accredited. * Vortex flow control manufactured in grade 304 stainless steel to BS 1449 minimum 3mm thick (or greater depending on hydraulic head) * Hydro-Brake Optimum® by Hydro International, Shearwater House, Clevedon Hall Estate, VictoriaRoad, Clevedon, BS21 7RD, Tel: 01275 878371. * Incorporate a pivoting by-pass door on the front face of the flow control to allow direct access to the downstream pipe, operated from ground level by means of a stainless steel rope. * The design criteria for the unit shall match that specified by the engineer and that shown on the head/discharge curve supplied by the manufacturer. * The ‘flush flow’ and ‘kick’ flow shall match that specified by the engineer as well as that shown on the head/discharge curve supplied by the manufacturer. | | | |
| **Please enter any additional comments or design considerations:** | | | |