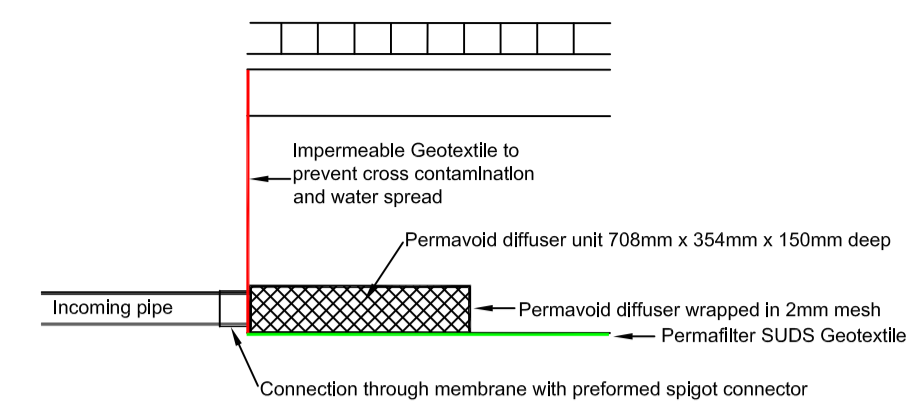
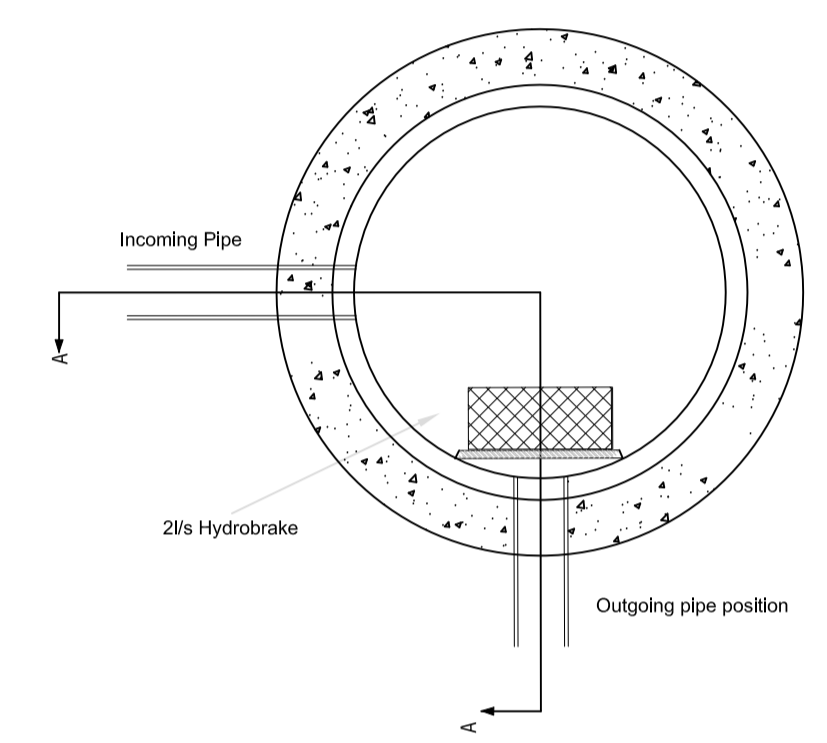
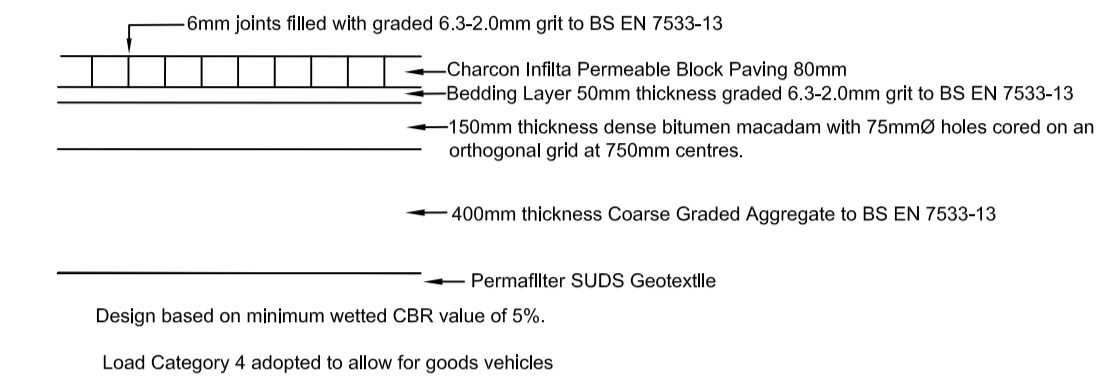


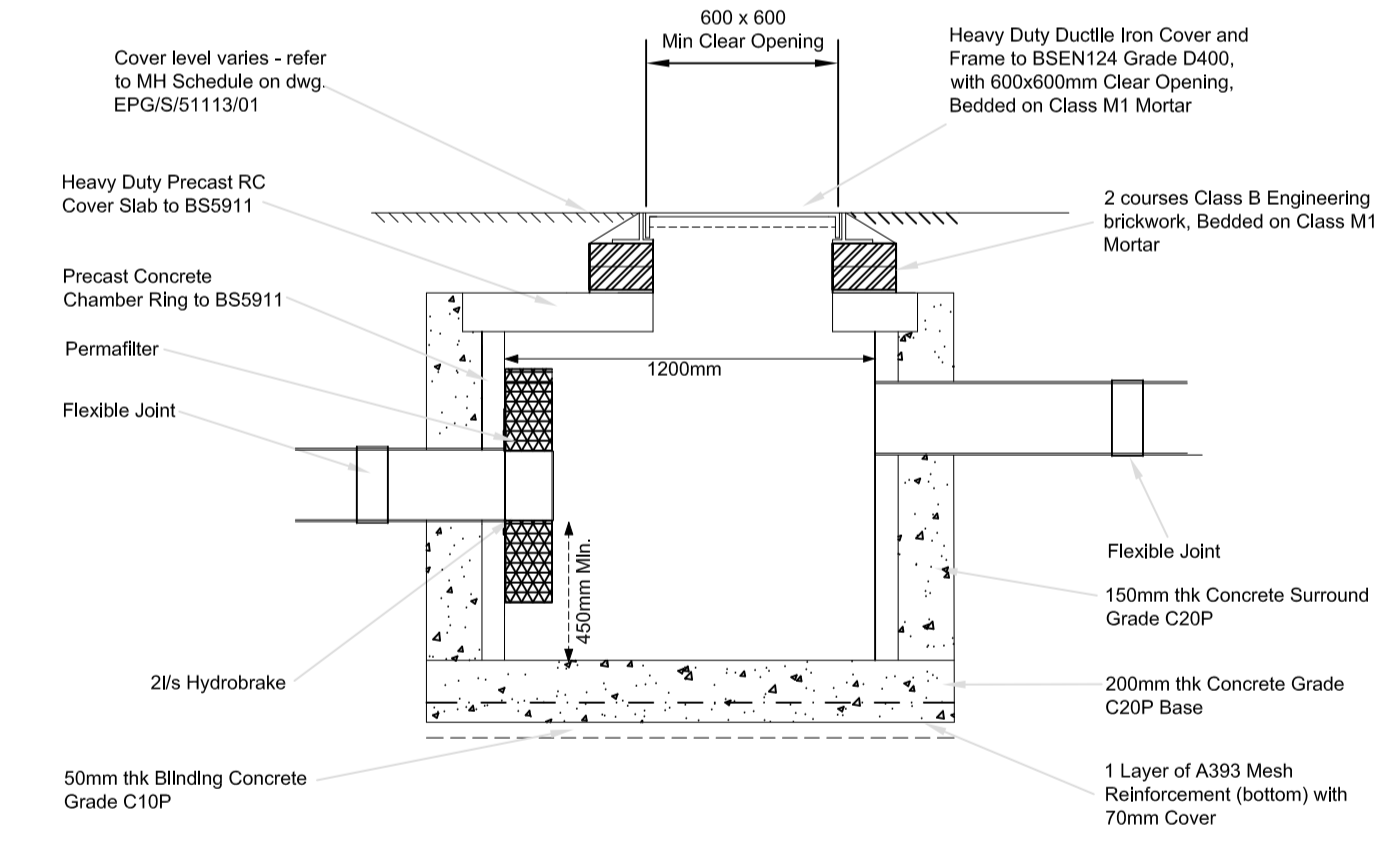
**PERMAVOID DIFFUSER UNIT DETAIL**



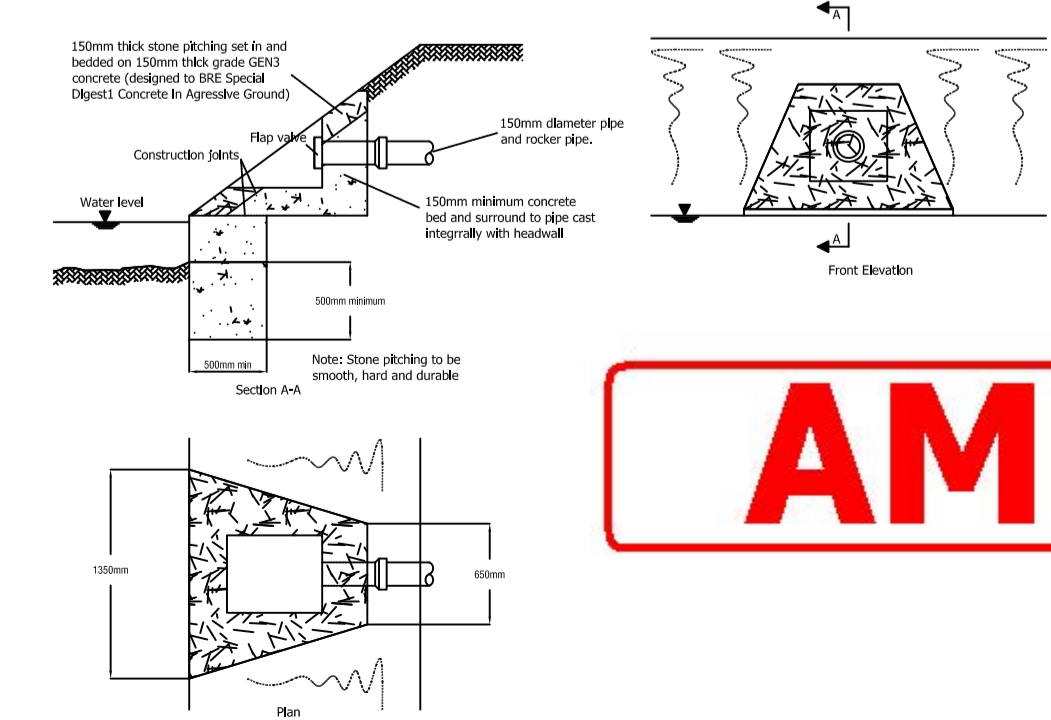
**PERMEABLE PAVING DETAIL**



TYPICAL 1200mm FLOW CONTROL CATCHPIT MANHOLE



TYPICAL 1200mm FLOW CONTROL CATCHPIT MANHOLE SECTION A-A SCALE 1:25



**AMENDED**

**NOTES**

1. Driveway and car park surfacing design and construction to Engineer's Specification (by others).
2. All dimensions are in millimetres unless otherwise stated.
3. Pre-cast concrete products shall comply with the relevant provisions of BS 5911 and be 'Kite Marked'.
4. Manhole covers and frames, grids and frames shall comply with the relevant provisions of BS EN 124. D400 class manhole cover to be used within trafficked areas. A15 class manhole cover to be used in untrafficked areas.
5. Do not scale from this drawing. If in doubt ask.

Discharge rate of 2l/s from site into riparian drain based on practical minimum. Occupier should undertake inspection of control manhole and sump manholes on a 2 monthly basis and clean when necessary.

**KEY:**

- Existing Paved Area draining to watercourse via gullies 525m<sup>2</sup>
- Proposed Roofed & Paved Areas Total impermeable roofed and paved area of 1350m<sup>2</sup> Roofed areas to sealed downpipes
- SW PPIC Manhole 450mm dia
- SW PPIC Manhole 600mm dia with 300mm deep sump
- SW Control Manhole 1200mm dia with 300mm deep sump and 2l/s hydrobrake
- Permeable Paving 0.4m deep to provide storage upto 100yr+CC30% storm
- Existing gullies to existing paved areas
- Proposed Rain Water Pipes
- Proposed Ground Level
- Proposed Headwall

| REV | DESCRIPTION   | DATE     |
|-----|---|----------|
| O   | For Approval  | 24/05/21 |
| A   | For Approval - amended permeable paving                   | 23/07/21 |
| B   | For Approval - sewers removed from permeable paving areas | 31/07/21 |

**EWE Associates Ltd**  
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 Tel: 07875 972270

PROJECT: Proposed Residential Development adjacent Wheatsheaf PH Belton  
 CLIENT: North Lincs Property

DRAWING TITLE: Drainage Layout

SCALE: 1:250 DATE: 31/07/21

DRAWN BY: LjF CHECKED BY: JF REVISION: B

DRAWING No: EWE/2717/01

**PLANNING DRAWING ONLY**