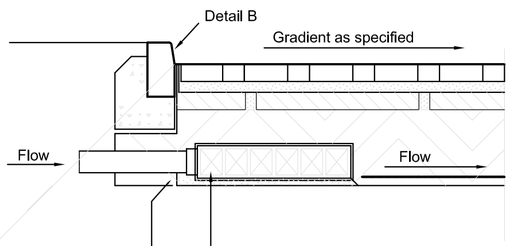
Distribution Tank

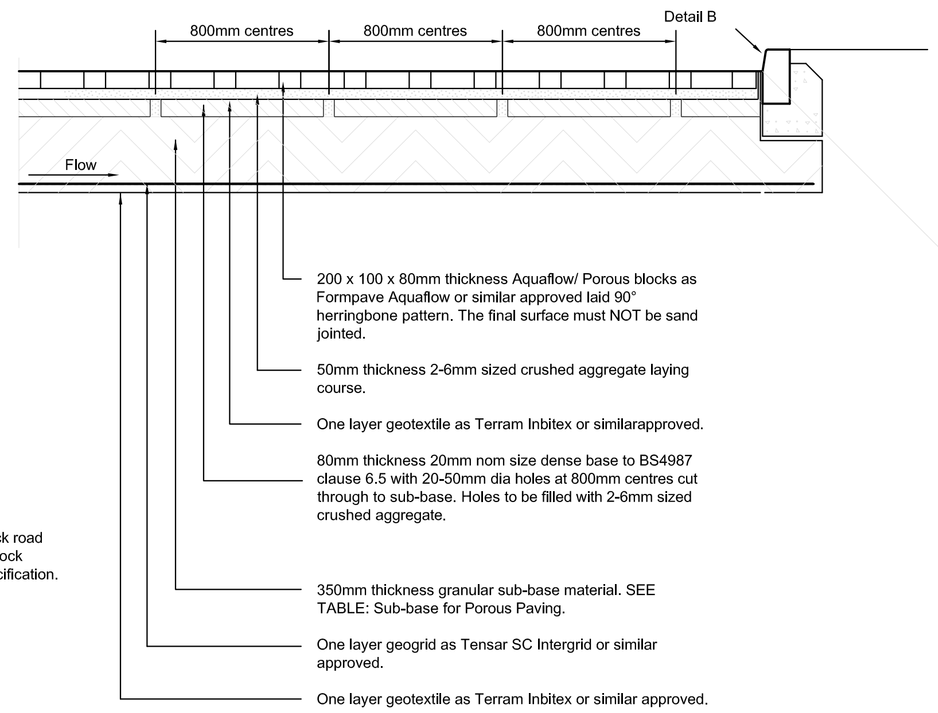
Where specified



Distribution tank with geotextile surround on 10mm nom size pipe bedding.

Membrane sealed with top hat seal where pipe passes through.

Porous Block Road Construction



200 x 100 x 80mm thickness Aquaflow/ Porous blocks as Formpave Aquaflow or similar approved laid 90° herringbone pattern. The final surface must NOT be sand jointed.

50mm thickness 2-6mm sized crushed aggregate laying course.

One layer geotextile as Terram Inbitex or similarapproved.

80mm thickness 20mm nom size dense base to BS4987 clause 6.5 with 20-50mm dia holes at 800mm centres cut through to sub-base. Holes to be filled with 2-6mm sized crushed aggregate.

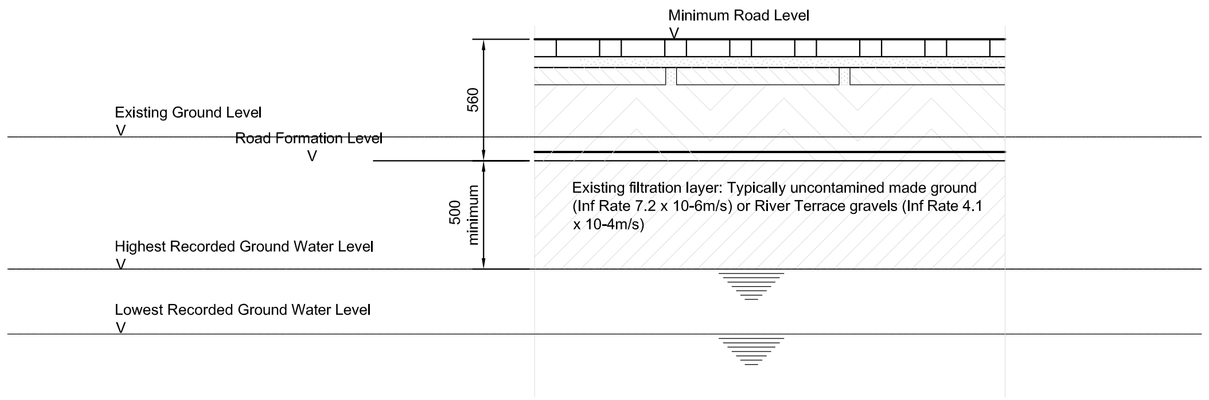
350mm thickness granular sub-base material. SEE TABLE: Sub-base for Porous Paving.

One layer geogrid as Tensar SC Intergrid or similar approved.

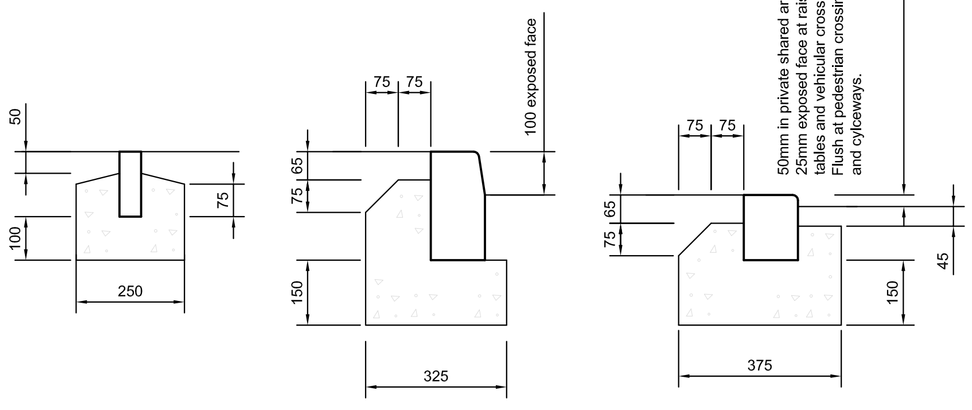
One layer geotextile as Terram Inbitex or similar approved.

Porous Paving Construction (Soakaway System)

Showing inlet to flow distribution chamber located in sub-base of porous block road construction, lateral restraint and oulet from sub-base via fin drain. Porous block roads are to be constructed in accordance with the block manufacturers specification.



Typical Section showing Relationship to Water Table



Detail A

50 x 150mm edging to BS7263 type EF with ST1 Mix concrete bed and haunch

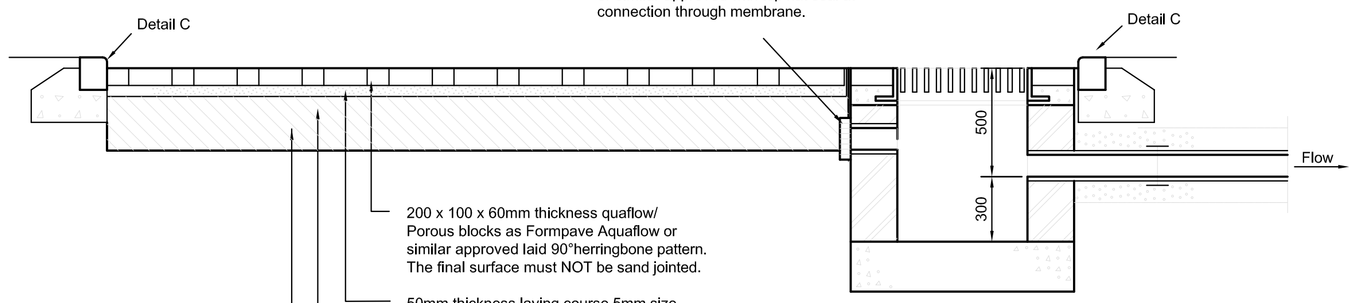
Detail B

125 x 250mm half batter kerb to BS7263 type HB2 with Mix ST1 concrete bed and haunch

Detail C

125 x 150mm bullnosed kerb to BS7263 type BN with Mix ST1 concrete bed and haunch

Fin drain as WTB Geotechnics Hydaway or similar approved with top hat seal at connection through membrane.



200 x 100 x 60mm thickness quaflow/ Porous blocks as Formpave Aquaflow or similar approved laid 90°herringbone pattern. The final surface must NOT be sand jointed.

50mm thickness laying course 5mm size clean stone to BS 882.

250mm thickness granular sub-base material graded 5-20mm to BS EN 13242.

One layer geotextile as WTB Geotechnics Inbitex or similar approved.

Grading for porous granular sub-base material

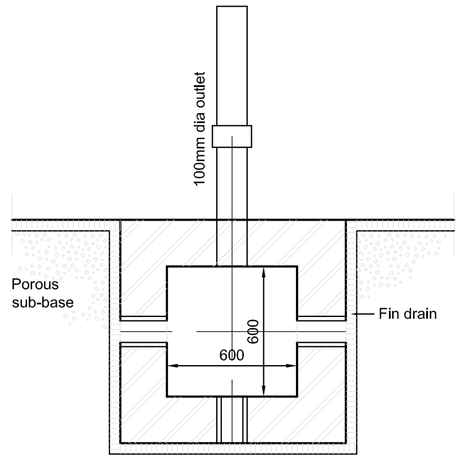
Sieve size	% passing
100mm	100
63mm	90-100
37.5mm	60-80
20mm	15-30
10mm	0-5

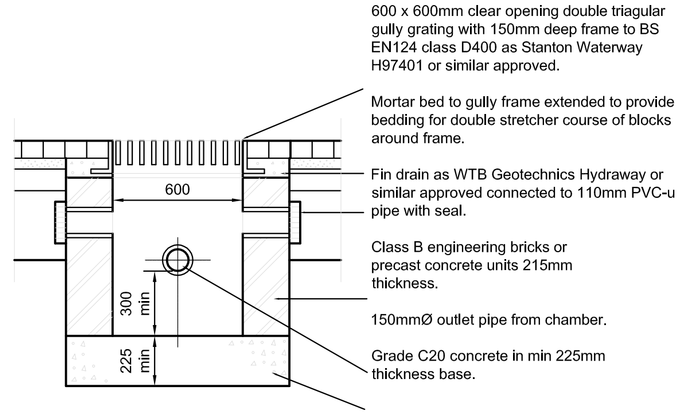
Porous Paving Drive Construction (Soakaway) System)

Showing inlet to flow distribution chamber located in sub-base of porous block road construction, lateral restraint and oulet from sub-base via fin drain. Porous block roads are to be constructed in accordance with the block manufacturers specification.

Sub-base for Porous Paving

Note: In lightly trafficked private areas where CBR is less than 5% a capping layer of 200mm thickness is required. In adoptable roads of heavily trafficked private areas a capping layer is to be provided to ensure that the sub-grade has a CBR of at least 15%.





600 x 600mm clear opening double triagular gully grating with 150mm deep frame to BS EN124 class D400 as Stanton Waterway H97401 or similar approved.

Mortar bed to gully frame extended to provide bedding for double stretcher course of blocks around frame.

Fin drain as WTB Geotechnics Hydraway or similar approved connected to 110mm PVC-u pipe with seal.

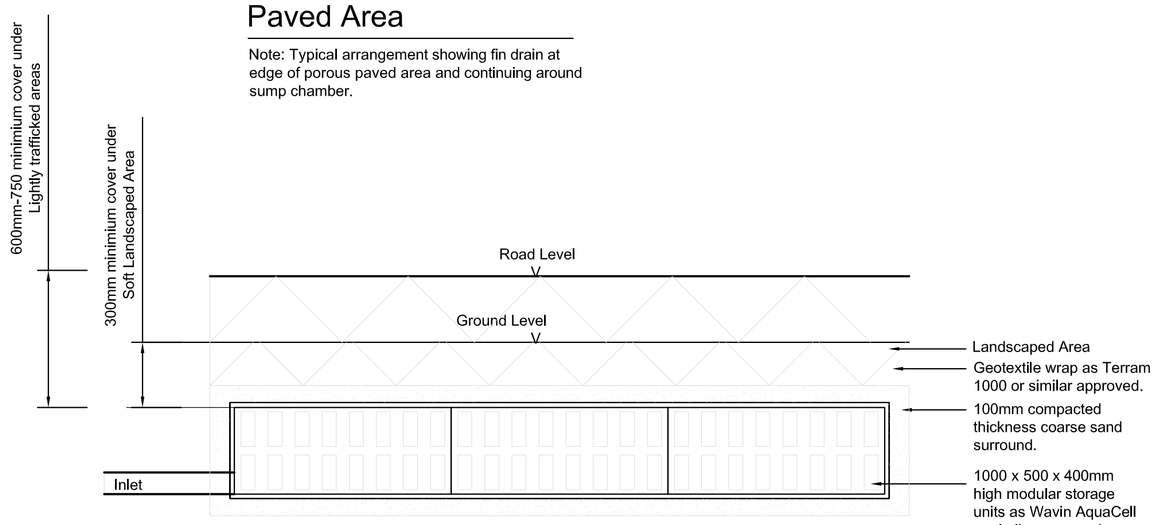
Class B engineering bricks or precast concrete units 215mm thickness.

150mmØ outlet pipe from chamber.

Grade C20 concrete in min 225mm thickness base.

Outlet Sump for Porous Paved Area

Note: Typical arrangement showing fin drain at edge of porous paved area and continuing around sump chamber.



Soakaway (Modular Construction)

The soakaway is to be constructed and backfilled in accordance with the specification of the manufacturer of the modular storage units. Please note Aquacell Eco Units to be used under Soft landscaped areas (Black Colour) and Aquacell Core to be used under Lightly trafficked areas (Dark blue colour)

The Contractor is to check and verify in conjunction with the Architects details all setting out points, building and site dimensions, levels and sewer invert levels at connection points and ensure that they are fully conversant with the contents and requirements of the site investigation report before work starts. The Contractor is to comply in all respects with current building legislation, British Standard Specifications, Building Regulations etc.,whether or not specifically stated on this drawing.

This drawing is not intended to show details of ground conditions or ground contaminants. Each area of ground relied upon to support any structure depicted (including drainage) must be investigated by the Contractor any areas of formation for sald structures which do not accord with the anticipated conditions as described in the site investigation report are to be immediately notified to the Engineer, where applicable. Any suspect fluid ground or ground contaminants on or within the ground should be further investigated by a suitable expert. Any earthworks shown indicate typical slopes for guidance only and should be investigated further by a suitable geotechnical expert.

Where existing trees are shown to be retained they should be subject to a full Arboricultural inspection for safety. All trees are to be planted so as to ensure they are a minimum of 5 metres from buildings and 3 metres from drainage and services, where applicable. A foundation is to be provided to accommodate the proposed tree planting, where applicable.

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PRELIMINARY DRAWING

SUBJECT TO APPROVAL

Rev.	Description	Date	By

Client

Bloor Homes

Project

Fairfield Road
Havant

Title

Construction Details Private Roads and Driveways

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Scale	1:20	Drawn	TL
Date	June 11	Checked	
File	11010/Hav-350	Drawing	11010 / 350