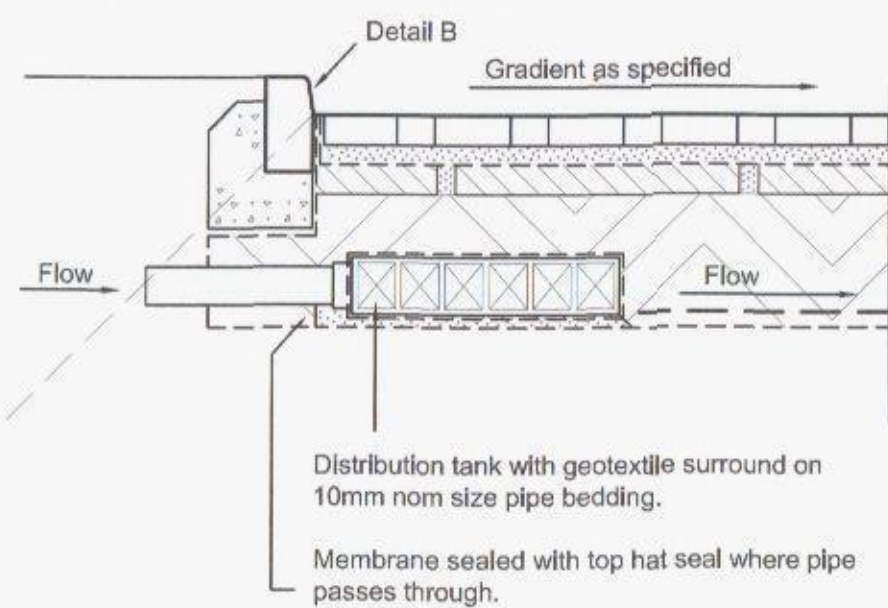
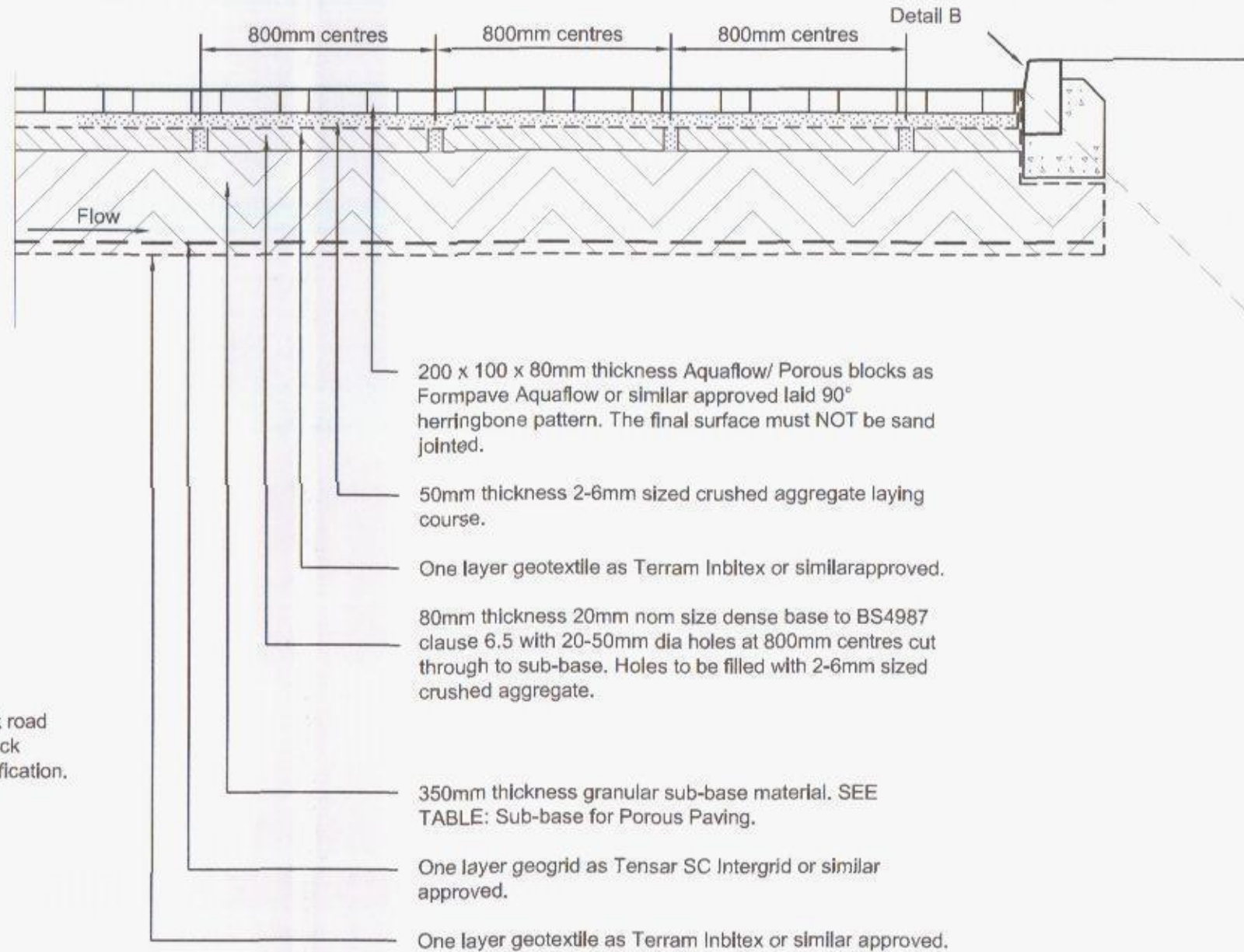


Distribution Tank

Where specified



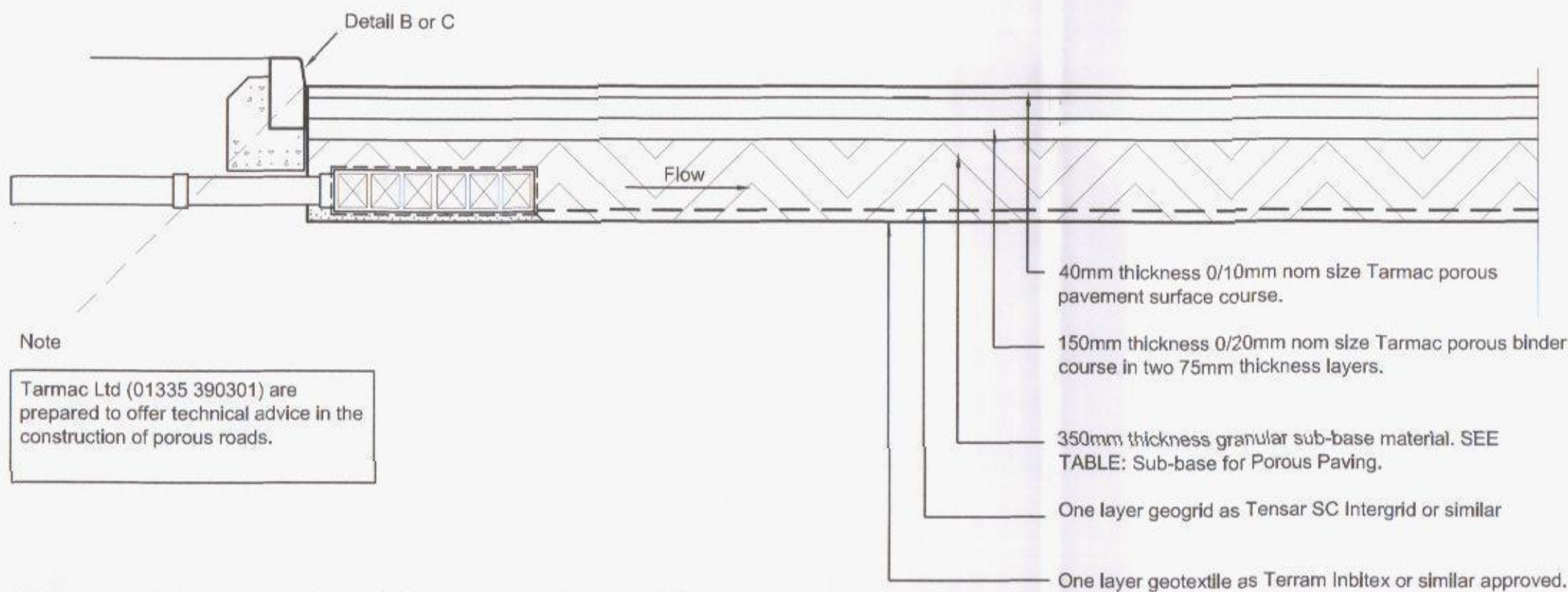
Porous Block Road Construction



Porous Paving Construction (Soakaway System)

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

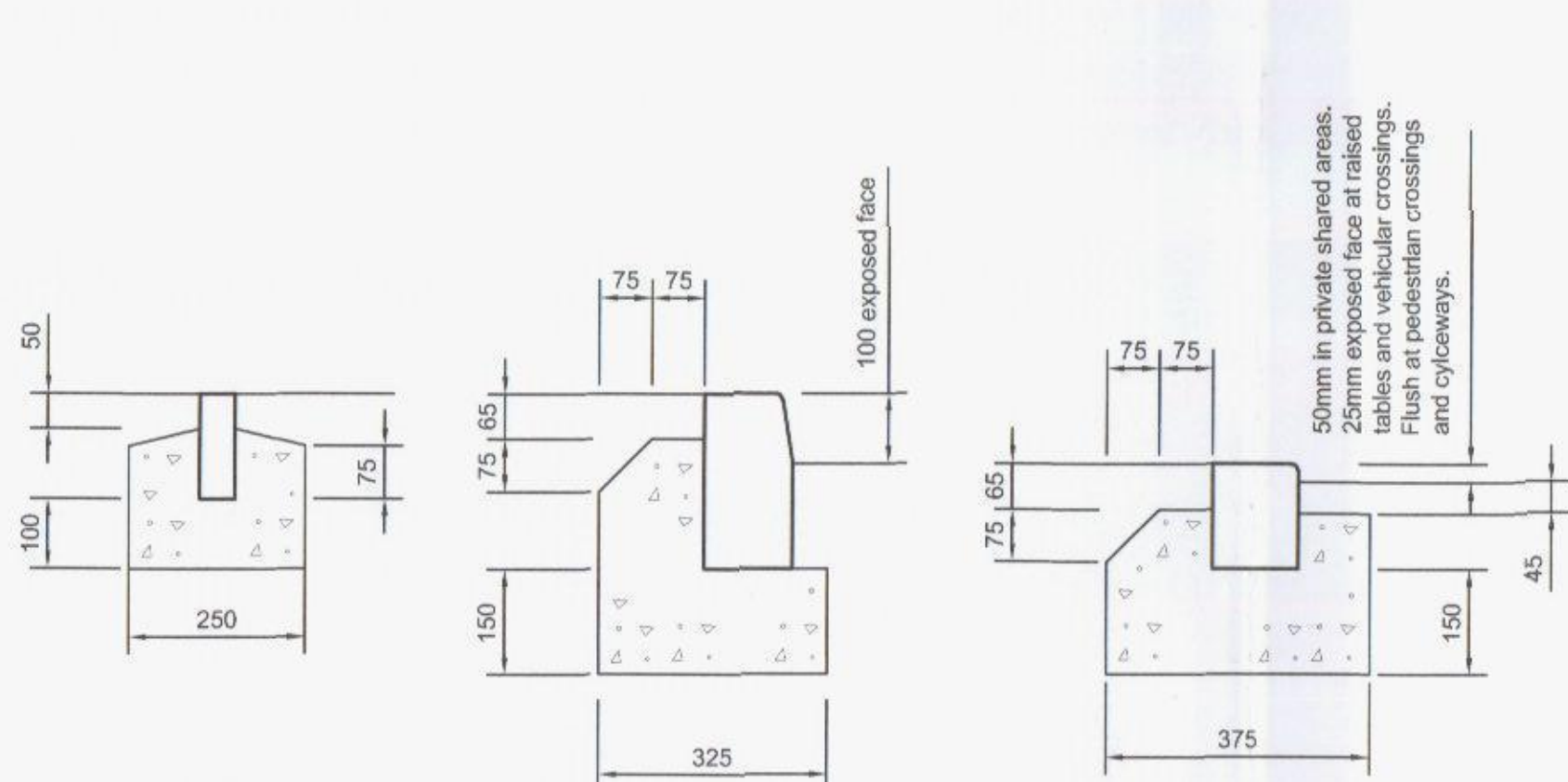
Distribution Tank



Note
Tarmac Ltd (01335 390301) are prepared to offer technical advice in the construction of porous roads.

Porous Tarmac Road Construction

Porous Tarmac Road Construction with Porous Sub-base (Soakaway System)



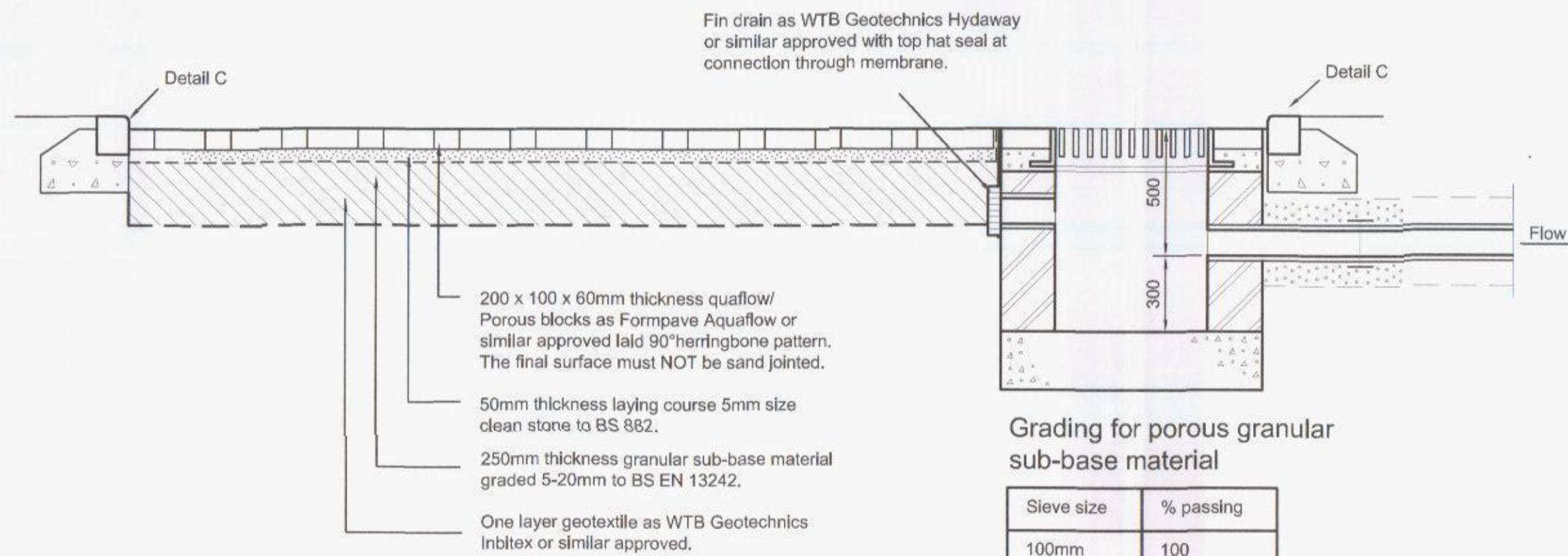
Detail A
50 x 150mm edging to BS7263 type EF with ST1 Mix concrete bed and haunch

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

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)



Porous Paving Drive Construction (Soakaway) System

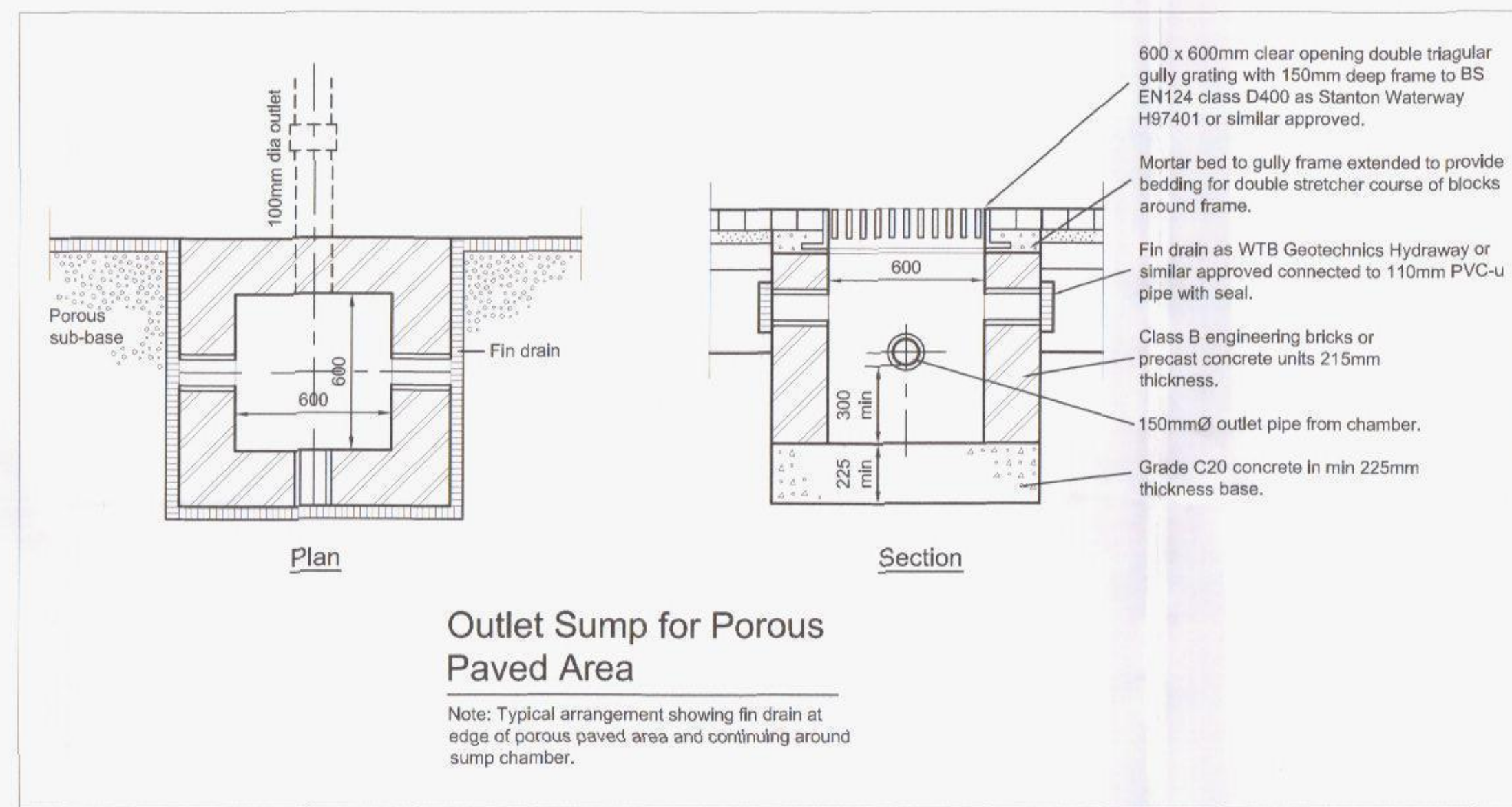
Showing inlet to flow distribution chamber located in sub-base of porous block road construction, lateral restraint and outlet from sub-base via fin drain. Porous block roads are to be constructed in accordance with the block manufacturers specification.

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

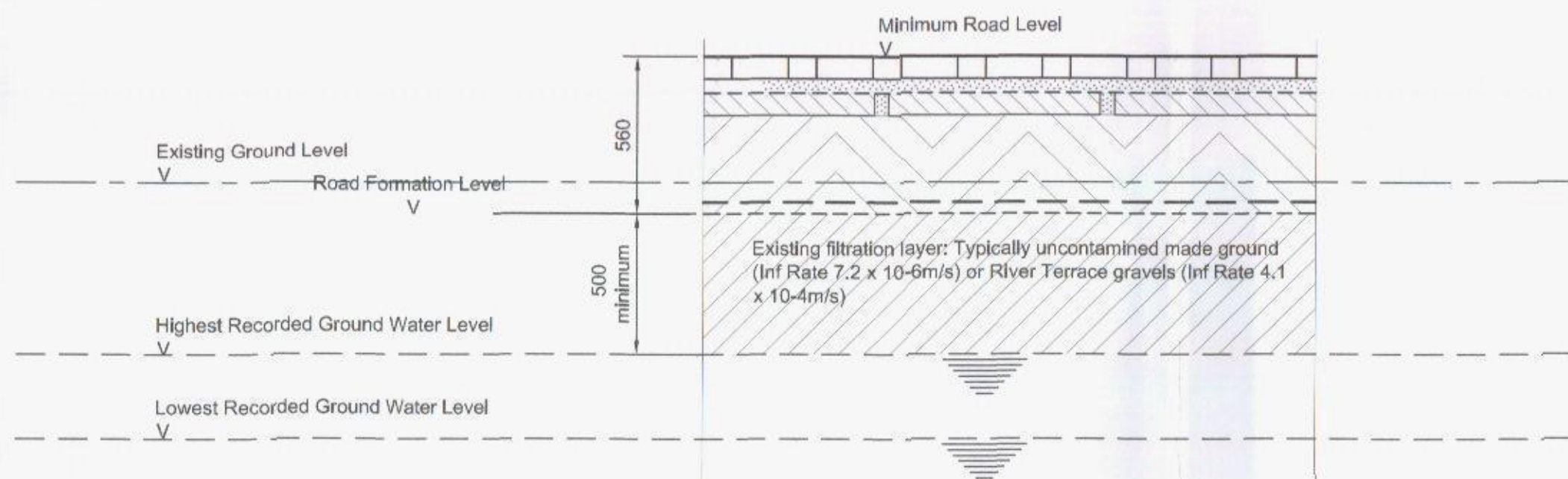
Sub-base for Porous Paving

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%.

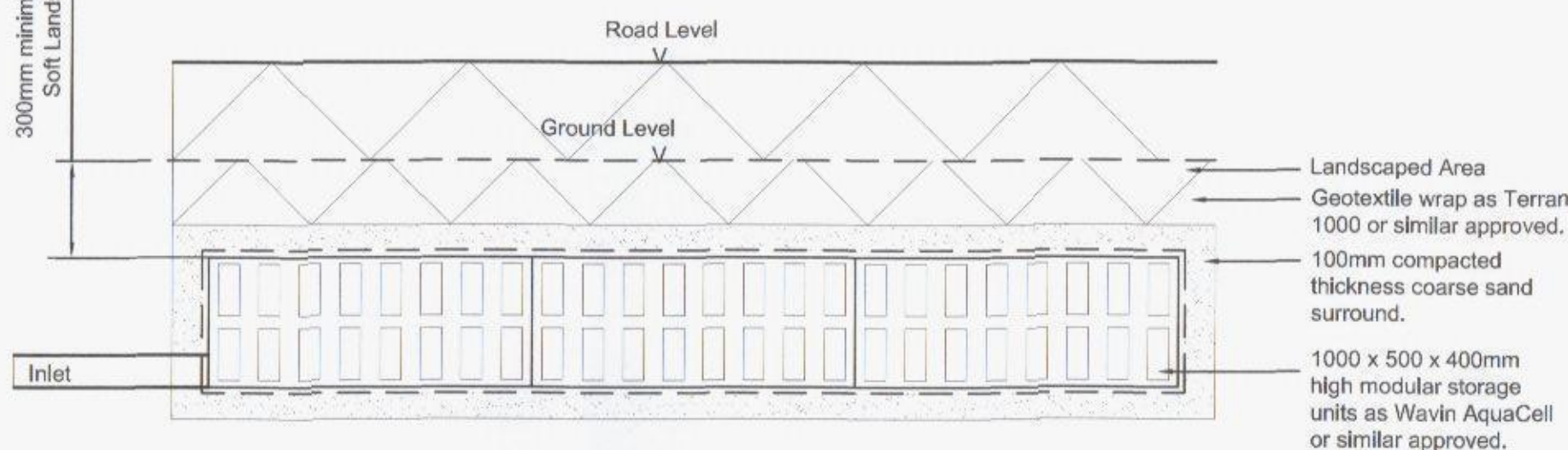


Outlet Sump for Porous Paved Area

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



Typical Section showing Relationship to Water Table



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 this 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 concern for safe structures which do not accord with the indicated conditions as described in the site investigation report are to be immediately notified to the Engineer, where applicable. Any suspected fault 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 Arboicultural Inspector 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

A	Updated to suit latest layout.	19.03.13	SCM
Rev.	Description	Date	By
Client	Bloor Homes		
Project	Fairfield Road Havant		
Title	Construction Details Private Roads and Driveways		
BANNERS GATE CIVIL, STRUCTURAL & ARCHITECTURAL DESIGN SERVICES 10-11 Birmingham Street, Halesowen, West Midlands B63 3HN Tel: 0121 687 1500 Fax: 0121 687 1501 E-mail: mail@bannersgate.com			
Scale	1:20	Drawn	TL
Date	June 11	Checked	
File	11010/Hav-350	Drawing	11010 / 350 A