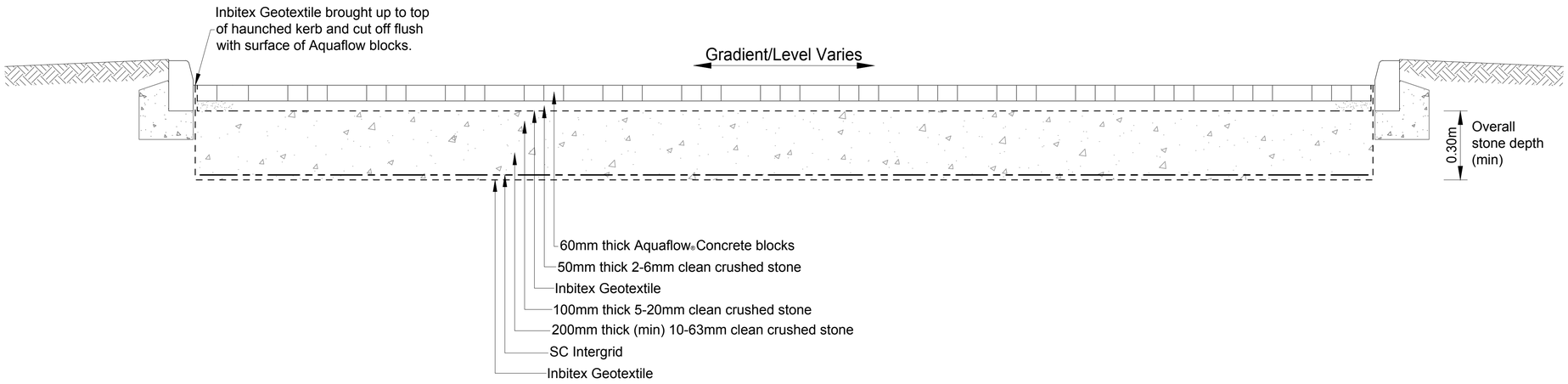
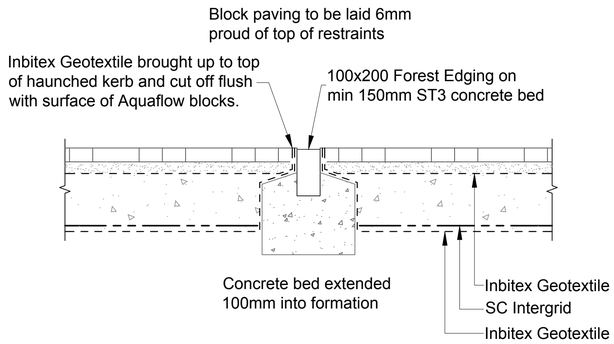



# TYPICAL SECTION THROUGH FORMPAVE AQUAFLOW INFILTRATION SYSTEM




# FULL HEIGHT RESTRAINT DETAIL

The design to which this drawing relates is protected by Copyright. In addition, certain aspects of the design and certain parts thereof are protected by Design Right. Unlicensed copying of this drawing in any form is expressly forbidden. This drawing is provided on the basis that it may not be copied or reproduced in any form without the express permission or licence from the Copyright holder and/or the owner of the Design Right (if different).

Copyright and/or Design Right licences may be obtained upon application to Forterra plc.

Forterra plc are the proprietors of a number of British and foreign patents one or more of which may be incorporated in the design shown in this drawing.

STORM WATER SOURCE CONTROL SYSTEM
Aquaflow paving.

TYPE(S) OF PAVING
Permeable concrete block paving

REFERENCE
Aquaflow

SIZE
100 x 200 x 80 Thick

COLOURS
Red brindle, Golden brindle, Natural, Charcoal, Burnt red.

SETTING OUT
Aquaflow and Aquasetts:
90Ø herringbone with single stretcher course around all perimeters.

KERBS
Standard kerb system or Forest Edging: both to be haunched with concrete.

LAYING COURSE*
50mm depth of 2-6mm single size clean crushed stone to: BS EN 13242:2002

GEOTEXTILE
Inbitex Geotextile as noted

SUB-BASE SPECIFICATION*
The granular sub-base material shall comprise crushed rock or concrete possessing well defined edges. It must be sound, clean, non friable and free from clay or other deleterious matter.

The material must be non plastic when tested in accordance with BS1377 Test No 4 *The crushed stone used for the laying course and sub-base must have a minimum 10% fines value of 150kN when tested in accordance with BS812 Part 111.

The selected test samples not be over dried and should be soaked in water at room temperature for 48-hours before the test. The 100mm deep upper layer of sub-base material should be graded 20mm-5mm to BS882.

The 63-10mm material should be graded as follows:-

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

DEPTH OF SUB-BASE
It is recommended that a sub-base depth of 350mm should be used. The depth of sub-base may be varied at the discretion of the engineer.

Intergrid(s) * - SC Intergrid

ASPHALT RUNNING COURSE
To be 20mm dense bitumen base course manufactured with 125pen bitumen to BS EN 13108-1:2016.

SURFACE FINISH
The blocks should be vibrated with a vibrating plate compactor fitted with a block paving pad (rubber mat). Following the first pass with a vibrating plate a light dressing of 2-4mm single size clean stone should be applied to the surface and brushed in, approximately 8m2 per bag, available from Formpave in 25kg bags. Blocks should again be vibrated and any debris brushed off.

| Rev. No. | Revision | Drawn By | Date |
|---|---|---|---|
| - | First Issue | B.H | 10.09.2019 |

INNOVATORS IN FORMPAVE PERMEABLE PAVING

Quality concrete paving products

Formpave
Tufthorn Avenue, Coleford,
Gloucestershire, GL16 8PR
Tel: 01594 836999
Fax: 01594 810577
E-mail: design.services@formpave.co.uk
forterra.co.uk/formpave

FORTERRA

Project
7 MIDDLETON ROAD, FELPHAM
WEST SUSSEX

Title
AQUAFLOW PERMEABLE PAVING
FORMATION AND CONSTRUCTION DETAILS

| Scale | Date | Drawn | Checked | Approved |
|---|---|---|---|---|
| N.T.S | 10.09.2019 | B.H | - | - |

| Project No. | Drg. No. | Revision |
|---|---|---|
| FSC4375 | D100 | - |

© Copyright