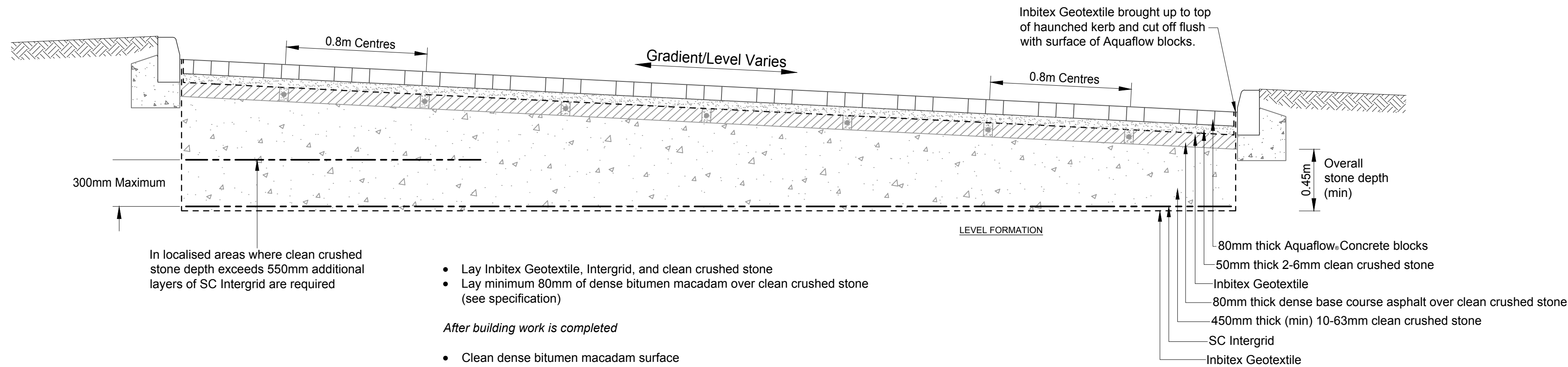
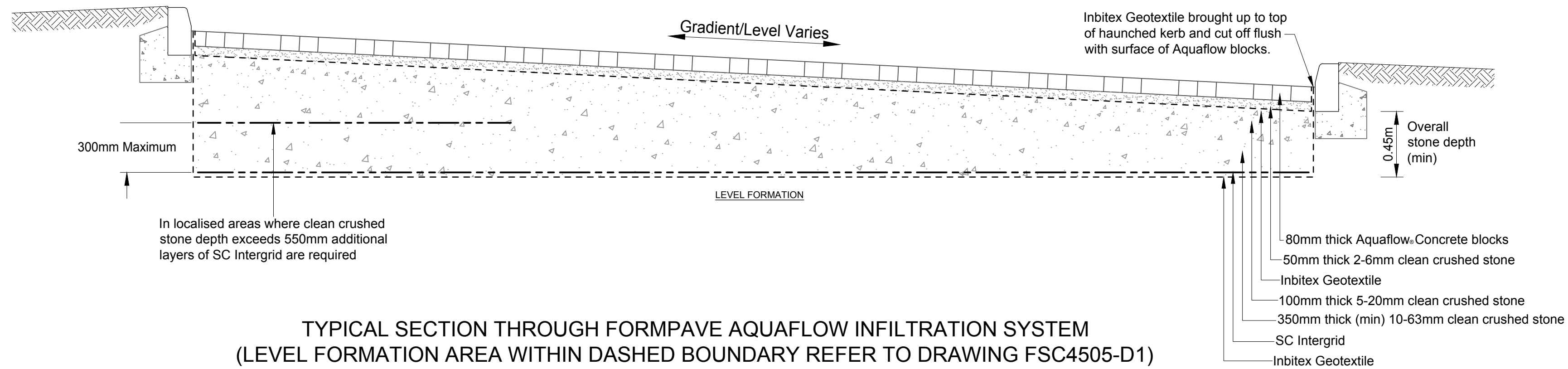
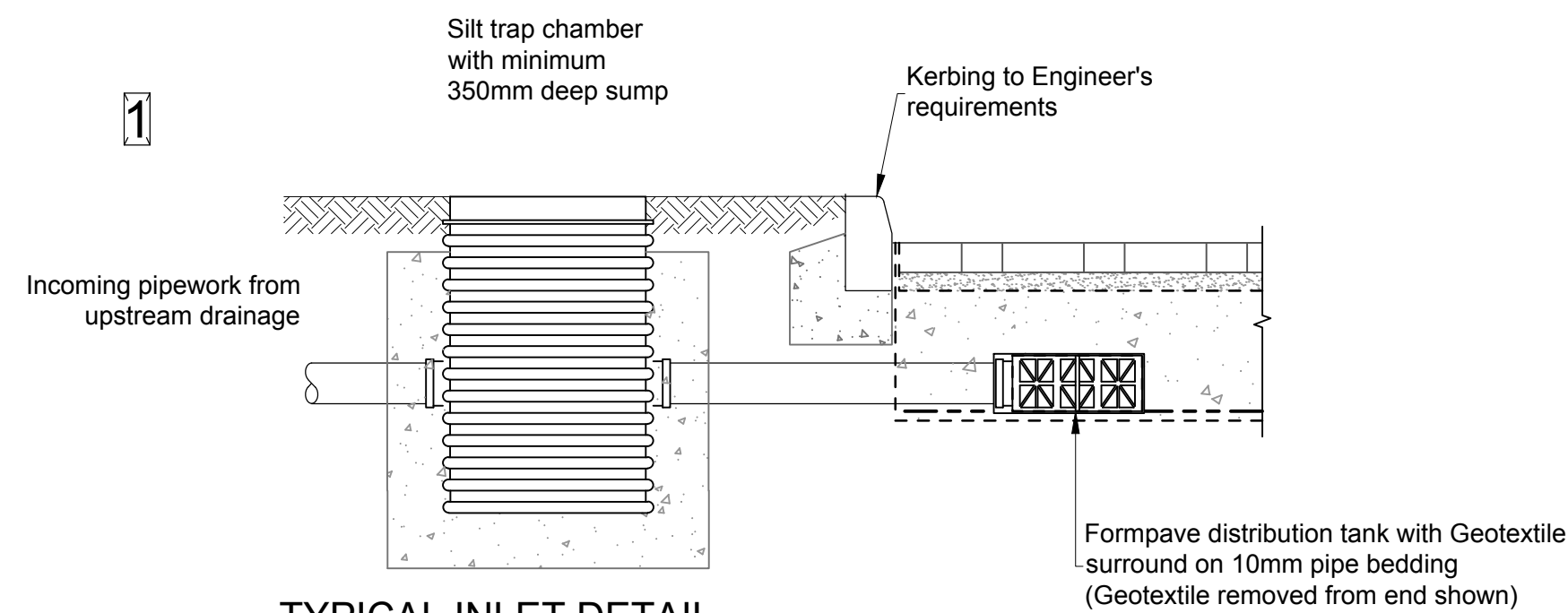




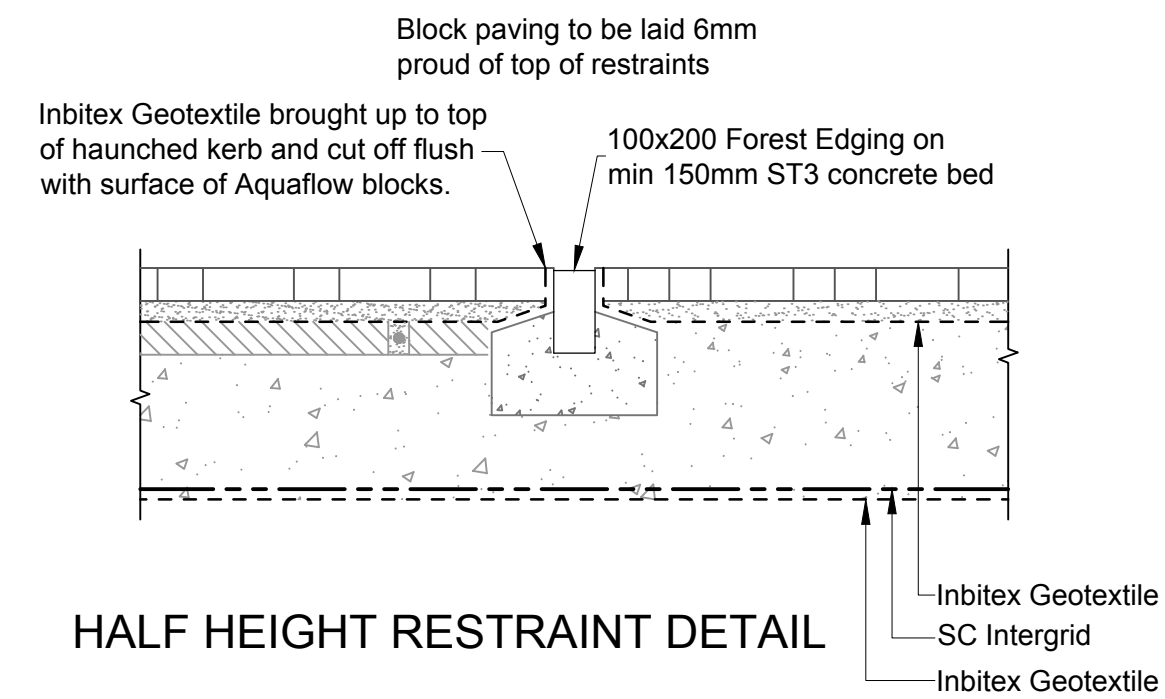
TYPICAL SECTION THROUGH FORMPAVE AQUAFLOW INFILTRATION SYSTEM
(LEVEL FORMATION AREA WITHIN DASHED BOUNDARY REFER TO DRAWING FSC4505-D1)
ACCESS



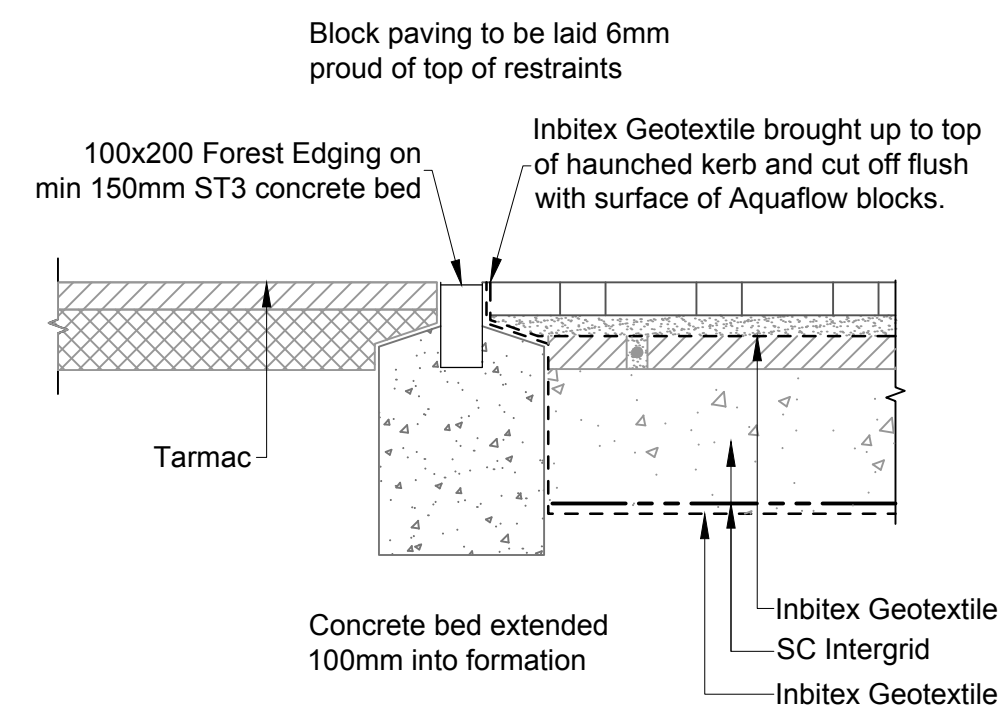
TYPICAL SECTION THROUGH FORMPAVE AQUAFLOW INFILTRATION SYSTEM
(LEVEL FORMATION AREA WITHIN DASHED BOUNDARY REFER TO DRAWING FSC4505-D1)
PARKING



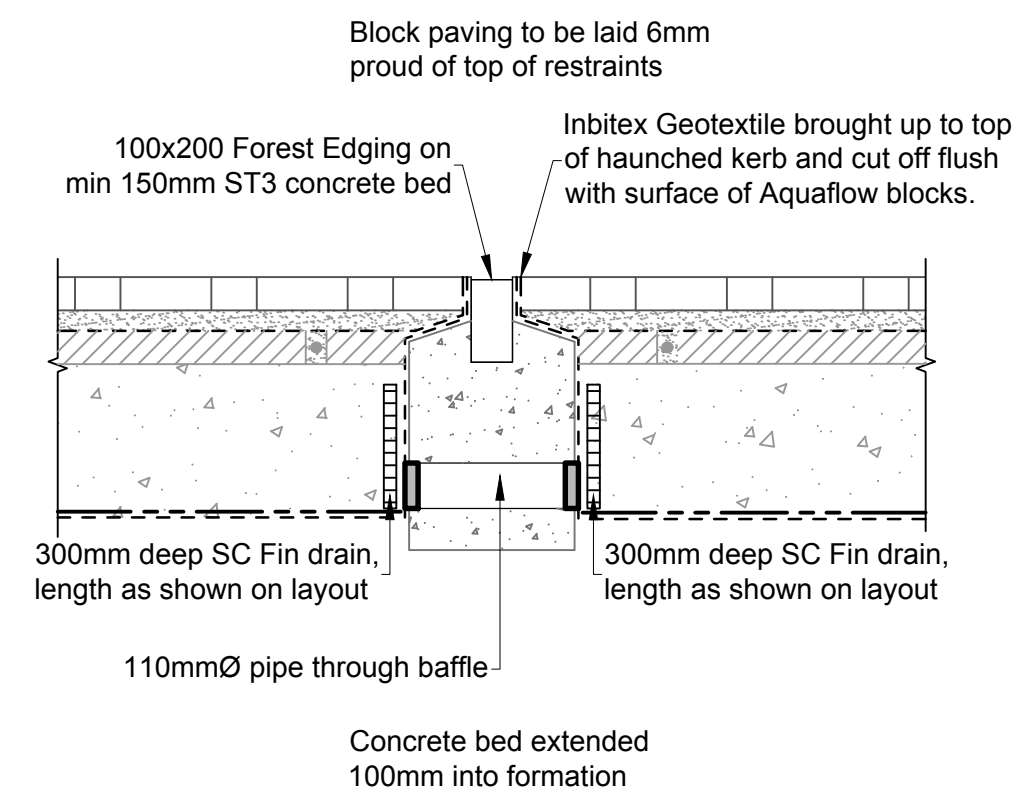
TYPICAL INLET DETAIL
(SINGLE SIZE 0.35 x 0.70 x 0.15m DEEP)



HALF HEIGHT RESTRAINT DETAIL



FULL HEIGHT RESTRAINT DETAIL
(TARMAC TO FORMPAVE AQUAFLOW TRANSITION)



FULL HEIGHT RESTRAINT WITH CONNECTING
FIN DRAIN & 2No.110mm INTER-LINKING PIPES

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.

-	First Issue	B.H	02.09.2021
Rev. No.	Revision	Drawn By	Date



Quality concrete paving products

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



Project
CARLTON AVENUE, BOGNOR REGIS
WEST SUSSEX

Title
AQUAFLOW PERMEABLE PAVING
FORMATION AND CONSTRUCTION DETAILS

Scale	Date	Drawn	Checked	Approved
N.T.S	02.09.2021	B.H	-	-

Project No.	Drg. No.	Revision
FSC4505	D100	-