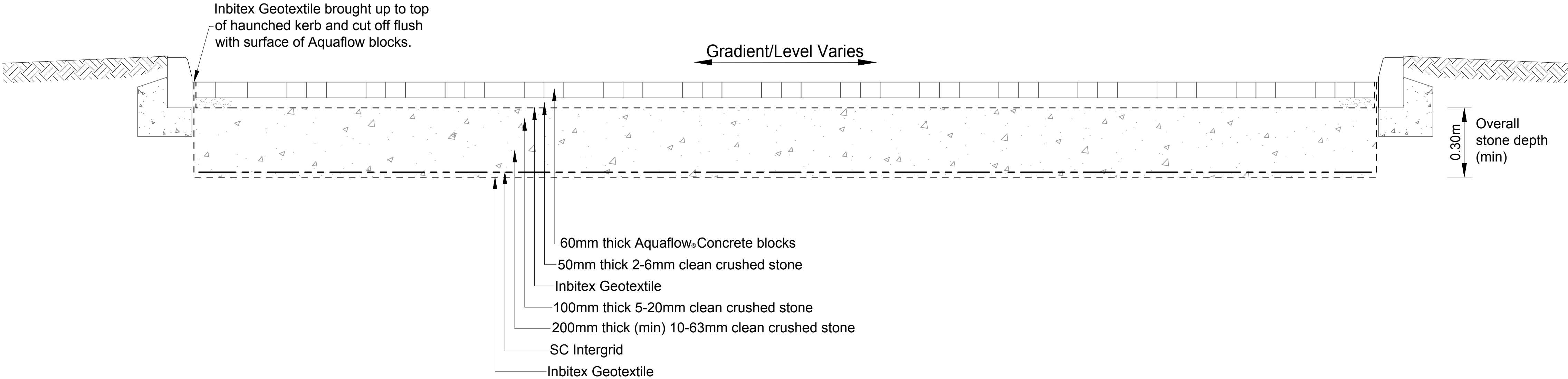
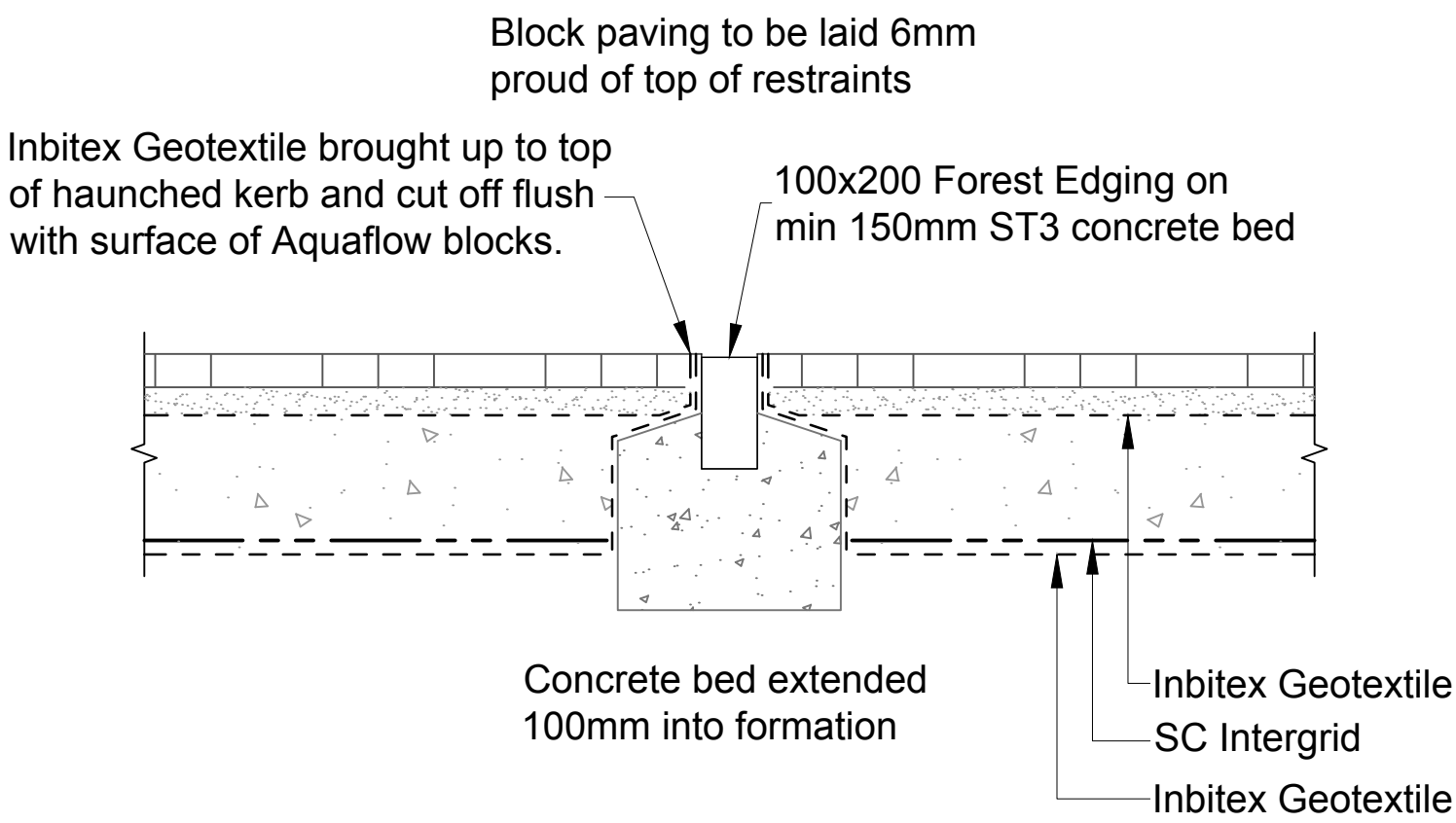




TYPICAL SECTION THROUGH FORMPAVE AQUAFLOW INFILTRATION SYSTEM



FULL HEIGHT RESTRAINT DETAIL

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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	10.09.2019
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INNOVATORS IN

FORMPAVE

PERMEABLE PAVING

Quality concrete paving products

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Title
AQUAFLOW PERMEABLE PAVING
FORMATION AND CONSTRUCTION DETAILS

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