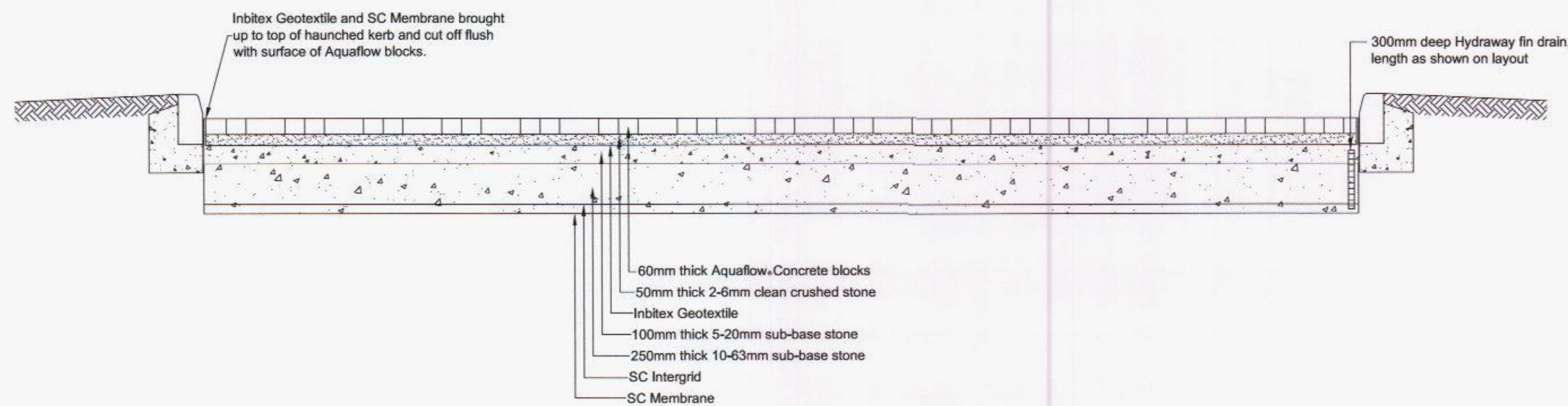
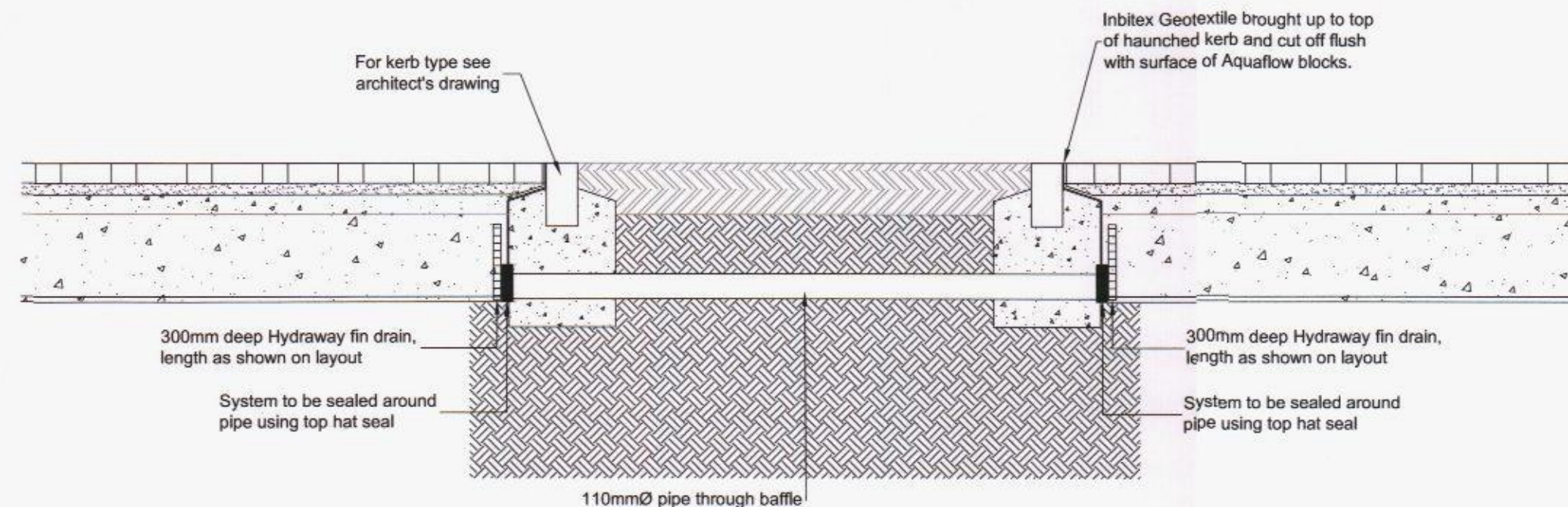
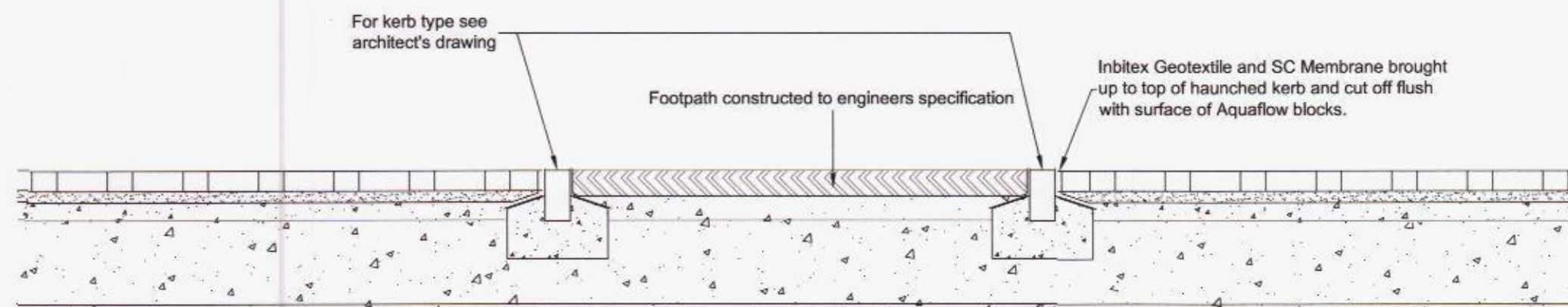




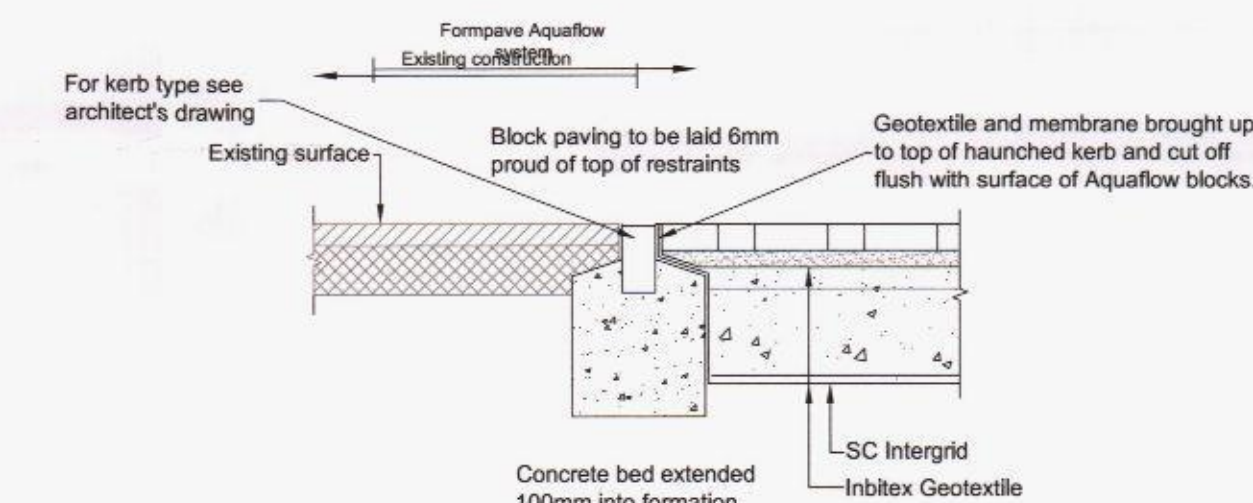
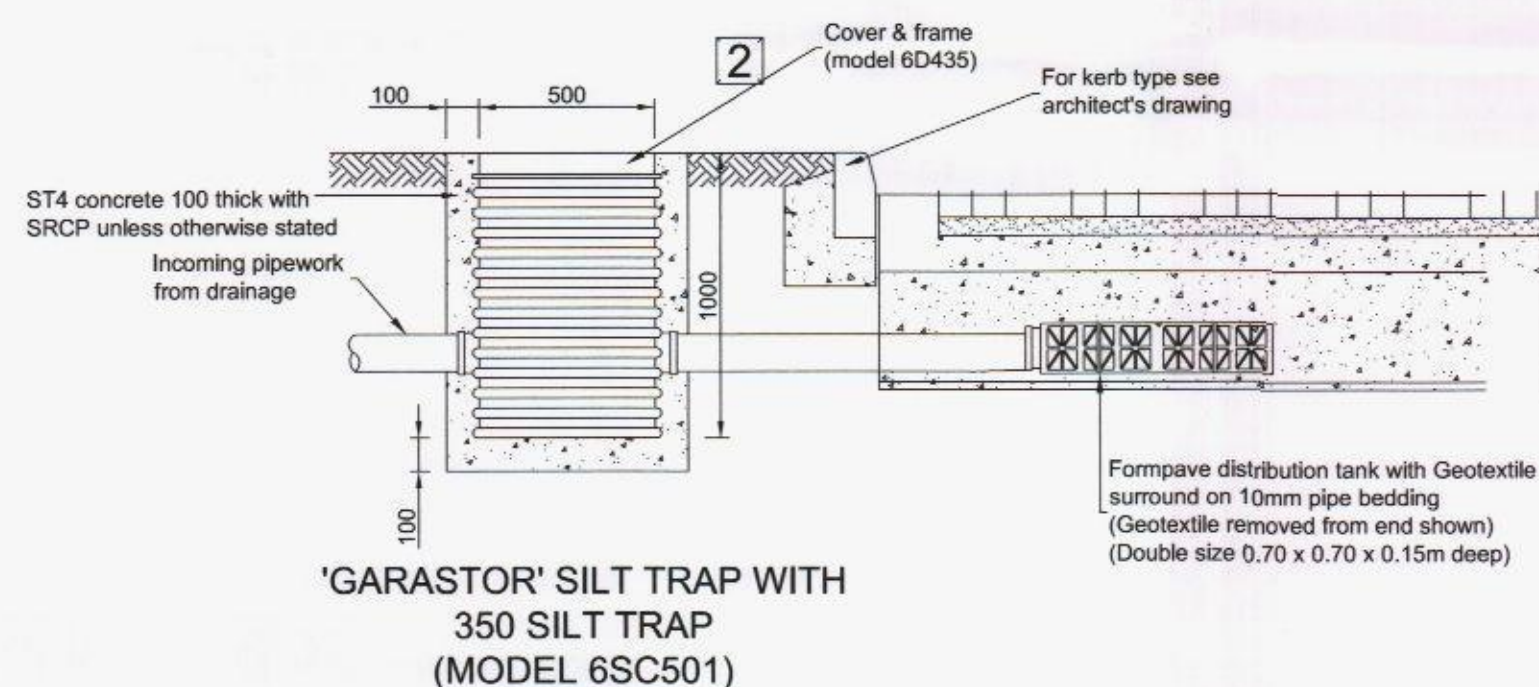
TYPICAL SECTION THROUGH FORMPAVE AQUAFLOW INFILTRATION SYSTEM



TYPICAL SECTION THROUGH FORMPAVE AQUAFLOW INFILTRATION SYSTEM AND FOOTPATH

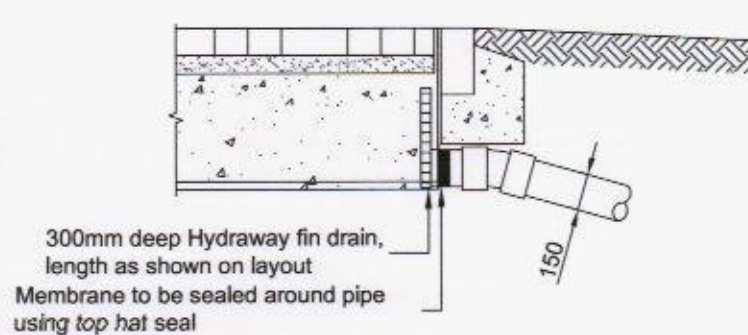


TYPICAL SECTION THROUGH FORMPAVE AQUAFLOW INFILTRATION SYSTEM ALTERNATIVE SURFACE FOOTPATH TRANSITION

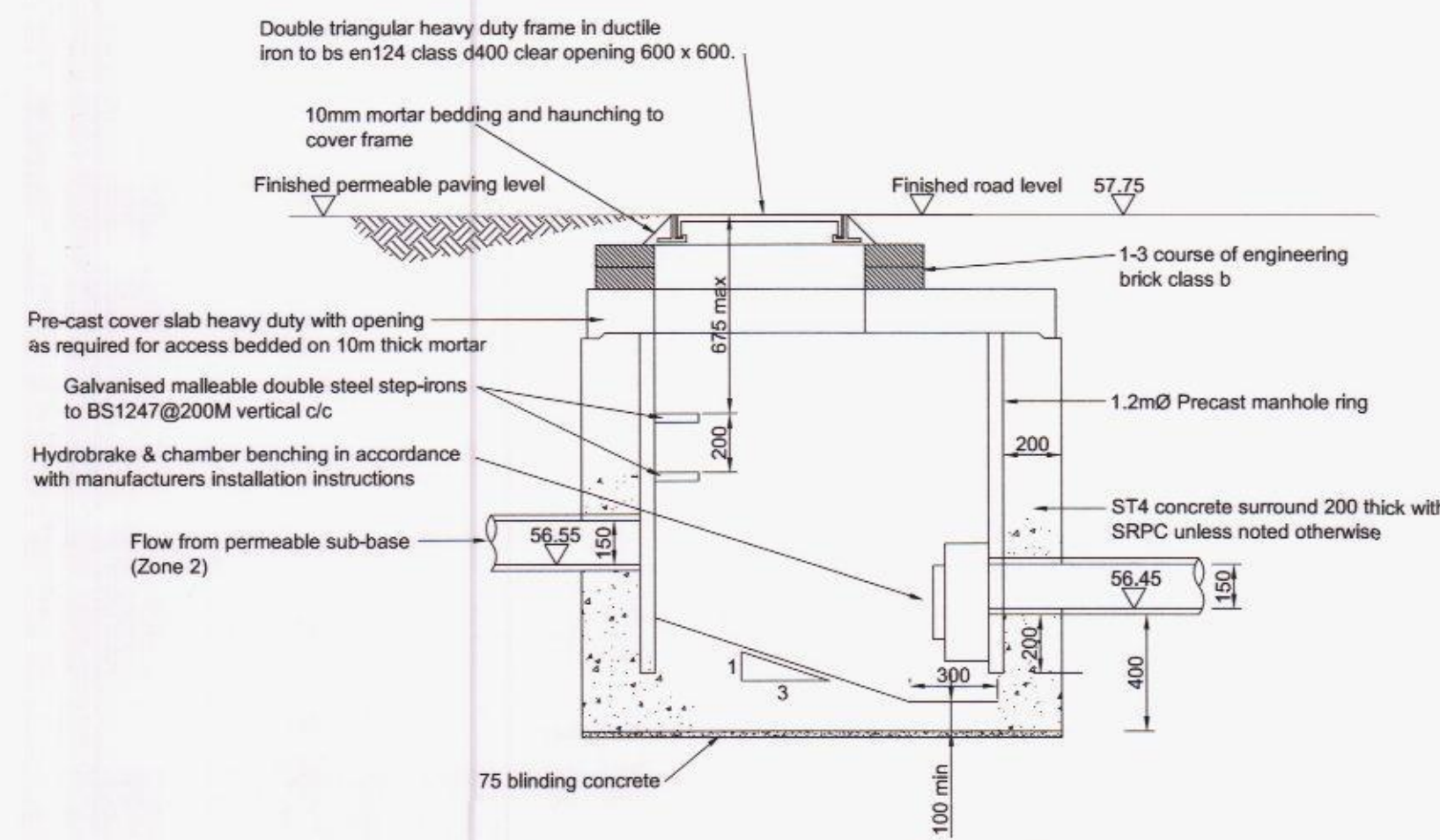


FULL HEIGHT RESTRAINT DETAIL (EXISTING CONSTRUCTION TO FORMPAVE AQUAFLOW TRANSITION)

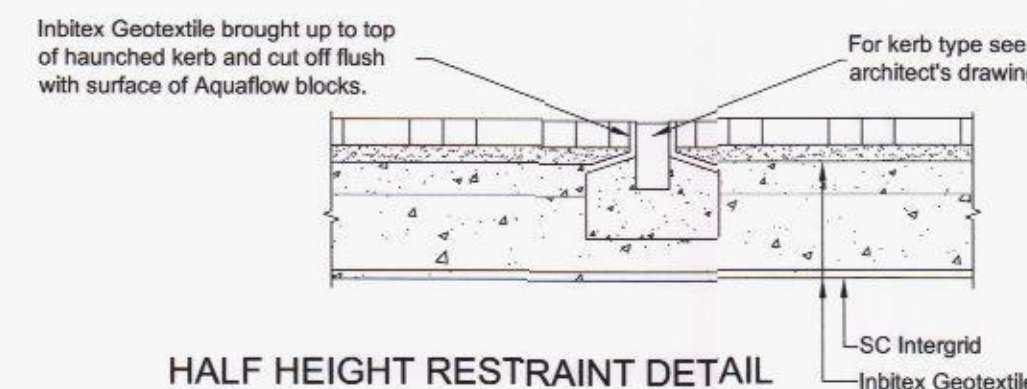
ALL FINISHED SHOULD BE CONFIRMED WITH THE ARCHITECT



OUTLET DETAILS TO HYDROBRAKE MANHOLE



HYDROBRAKE FLOW CONTROL MANHOLE DETAILS N.T.S.



HALF HEIGHT RESTRAINT DETAIL



WORK IN PROGRESS (TENDER)
THIS DRAWING IS BASED UPON THE AVAILABLE CONSULTANT DESIGN TEAM INFORMATION AS OF 17/10/2014. AS SUCH THE INFORMATION PROVIDED MAY BE SUBJECT TO CHANGE BASED UPON EXTERNAL INFLUENCES THROUGH DESIGN DEVELOPMENT SUCH AS CLIENT BRIEF AND SCOPE CHANGES, M&E SERVICES DESIGN AND B.W.I.C., AND FOLLOWING THE RECEIPT OF DETAILED DESIGN INFORMATION FOR SUB-CONTRACTOR DESIGNED ELEMENTS. IN RESPECT OF SUB-CONTRACTOR DESIGNED ELEMENTS, THE CLADDING/CURTAIN WALLING DESIGN, ROOFING DESIGN, M&E SERVICES DESIGN INCLUDING B.W.I.C., THE DESIGN OF PRECAST CONCRETE ELEMENTS AND OTHER PROPRIETARY FRAME COMPONENTS ALL HAVE AN INTERFACE WITH THE PRIMARY FRAME STRUCTURE. IF THIS DRAWING IS USED FOR CONSTRUCTION PURPOSES IN ADVANCE OF FINAL SUB-CONTRACTOR DETAILS FOR THESE ELEMENTS THEN THE MAIN CONTRACTOR ACKNOWLEDGES THE RISK OF VARIATIONS TO THE FRAME DETAILS IN RESPONSE TO SUCH DESIGN INFORMATION AND ACCEPTS THE RESPONSIBILITY FOR THE CONSEQUENCES THEREOF.

NOTES

- DO NOT SCALE FROM THIS DRAWING, WORK FROM FIGURED DIMENSIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETRES AND LEVELS IN METRES ABOVE ORDNANCE DATUM.
- NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING WILL BE ALLOWED WITHOUT THE PRIOR PERMISSION IN WRITING.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS, ENGINEERS, AND SPECIALIST DRAWINGS AND SPECIFICATIONS.

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 Aqusetts:
900 herringbone with double stretcher course around all perimeters.

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

LAYING COURSE*
50mm depth of 5mm. single size clean crushed stone to BS882.

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

SURFACE FINISH
The blocks should be vibrated with a vibrating plate Type DVP75/22" or similar. Following the first pass with a vibrating plate a light dressing of 3mm single size clean stone should be applied to the surface and brushed in, approximately 2kg per m2. (available from Formpave in 40 kg bags). Blocks should again be vibrated and any debris brushed off.

TENDER ISSUE

T1	ISSUED FOR TENDER	EW	FAZ	PJS	24.10.14
REV	MODIFICATIONS	BY	CH	AP	DATE



PURBROOK PARK SCHOOL REDEVELOPMENT

PERMEABLE PAVING FORMATION AND DETAILS - WESTERN SECTION

DRAWN BY	EW	DATE	28.08.2014
REVIEWED BY	FAZ	SCALE	1:1 N.T.S. UNLESS STATED
AUTHORISED BY	FAZ	ISSUE	Tn
		REVISION	T1

DRAWING NUMBER
1910.PPS.206

Caulmert
engineering environmental planning