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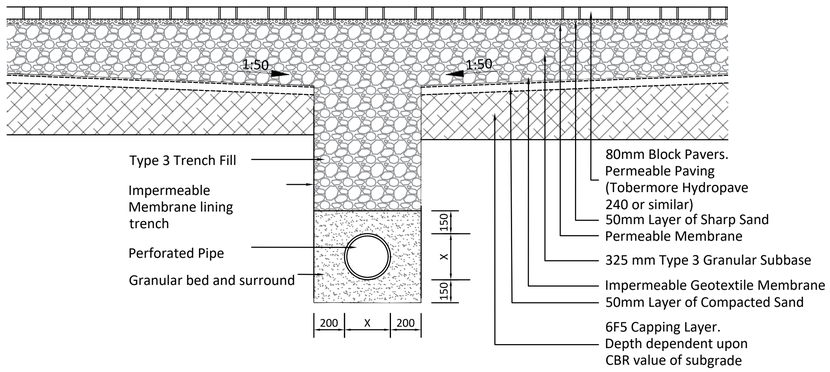
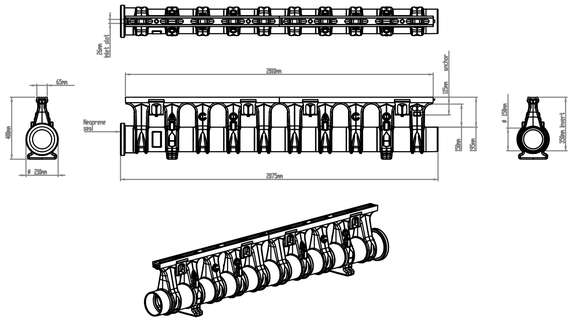


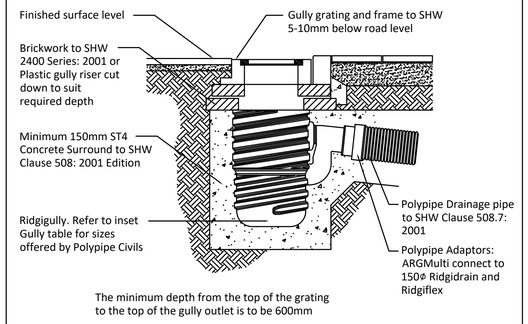
Typical Permeable Paving With Perforated Pipe Section

(Scale 1:20)



Aco Drainage Channel - Model: Qmax 150 Channel

(Scale 1:20)



Typical Private Road Gully Detail

(Scale 1:20)

NOTES

1 All dimensions are in millimetres unless stated otherwise.

2. This drawing to be read in conjunction with all other relevant drawings and specifications.

3. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations.

4. MH-1000-S, MH-2000-S, MH-1000-F. MH-2000-F levels are assumed. Those Cover Levels should be the same levels of existing finished ground level.

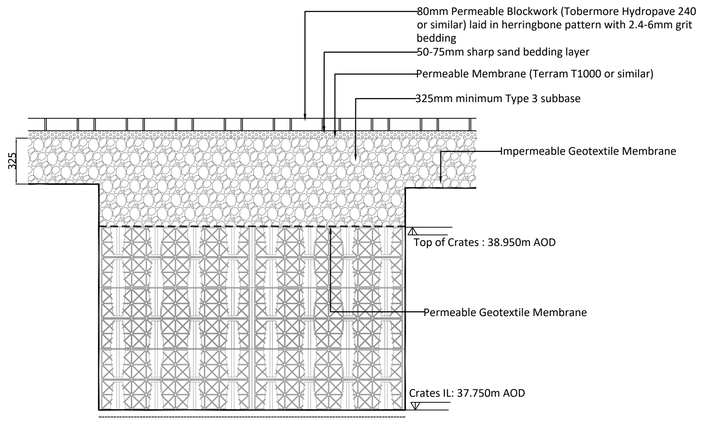
STANDARD DRAINAGE NOTES:

1. Except where specifically shown otherwise all below ground pipes / connections shall be 100mm dia PVC (to BS 4660) or VC (to BS 5481) with flexible joints and laid to minimum falls of 1 in 40, except where connected to WC when falls may be 1 in 80.
2. All gravity pipe runs to be tested to a standing head of 1500mm head of water above the invert at the head of the pipe run (but not exceeding 4000mm at the lower end)
3. For details of bed and surround requirements refer to long-sections and standard details. In all other situations provide 150mm of 10mm single-sized rounded gravel bedding and surround.
4. Except where specifically shown otherwise, pipes to be a minimum of 900mm below roads/driveways and 600mm below gardens/fields.
5. Ventilating pipes to be provided at the head of each drain and to any branch longer than 6m where a single appliance is connected, or 12m where a group of appliances is connected.
6. Step-irons shall not be fitted in any chambers unless specified otherwise.
7. Manhole/Gully covers shall be regulated to suit finished levels and crossfalls
8. All proprietary items to be installed in strict compliance with manufacturers instructions and recommendations
9. Drains passing beneath buildings to have minimum 100mm granular fill or flexible filling around pipe. Where the pipe crown is within 300mm of the underside of the slab, pipe shall be encased in concrete integral with the slab.
10. Drains passing through walls below ground level to have minimum 50mm clearance all round and opening in walls to be masked all round with rigid sheet material to prevent ingress of fill or vermin. Openings in walls for pipes shall have concrete lintels to support wall construction above
11. Unless stated otherwise, pipes to be 100mm Diameter.



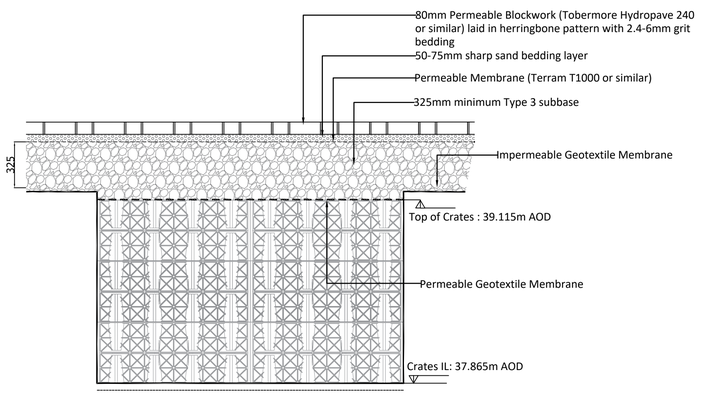
Attenuation Crates Cross Section Location

(Scale 1:200)



Attenuation Crates Cross Section A-A'

(Scale 1:20)



Attenuation Crates Cross Section B-B'

(Scale 1:20)

C2	Amended SW Drainage Design as per comments	EP	04/25
C1	Revised 'For Construction'	EP	02/25
P02	Changes according to new site layout	KS	06-03-24
Rev	Amendments	Rev'd by	Date

Client

Billingford Ltd

Project

Latham Road

Title

Standard Construction Details (Sheet 2 of 2)

Job No	22178		
Drawing No	22178 - 008		
Status	For Construction	Rev	C2
Scale	As Stated	Date	04/03/2024
Project Engineer	TBP	Drawn By	KS
		Checked By	AJP
		Approved By	

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