

Notes

- This drawing to be read in conjunction with all mechanical, electrical & public health drawings for this contract.
- All services work to be carried out in accordance with the relevant Engineering Specification for this contract.
- All levels shown are indicative only and are to be confirmed by the Architect.
- Unless otherwise stated all surface water pipework to be 100mmØ.

LEGEND:

- Existing Foul Sewer
- Foul Estate Sewer
- Foul Lateral Drain
- Foul Drain (Not Adoptable)
- Surface Water Catchpit.
- Surface Water Manhole
- Rodding Eye
- Rainwater Pipe
- Outlet Connection from Attenuation Tank
- Attenuation Tank (No Filtration)
- Attenuation Tank with Infiltration.
- Assumed Finished Floor Level to be confirmed by Architect.
- Assumed Finished Level to be confirmed by Architect.
- Recorded Ground Water Level.



Attenuation Tank Key. (Providing Attenuation for 1 in 100 Year Return Storm)

General - Unless otherwise stated below ground attenuation units are based on the polypropylene Permavoid Geocellular Units 708 x 354 x 150mm deep installed with a minimum of 260mm cover. Refer to detail sheets for wrapping and bedding requirements.

Unit	Depth	Underside of Unit	Method	Combined Actual Volume (Volume)
AT1A	300mm	2.10	No Infiltration	26.42m ³
AT1B	300mm	2.10	Infiltration	
AT2A	300mm	2.10	No Infiltration	11.99m ³
AT2B	300mm	2.10	Infiltration	
AT3	300mm	2.60	No Infiltration	2.57m ³
AT4	300mm	2.60	No Infiltration	2.57m ³
AT5	300mm	2.60	No Infiltration	2.57m ³
AT6	300mm	2.60	No Infiltration	2.57m ³
AT7	300mm	2.45	No Infiltration	28.71m ³
AT8	300mm	2.20	Infiltration	4.28m ³
AT9	300mm	2.20	Infiltration	25.72m ³ (With Permachannel & Permavoid Biomat)
AT10A	300mm	2.45	Infiltration	36.00m ³
AT10B	300mm	2.45	No Infiltration	
AT11	300mm	2.70	No Infiltration	2.57m ³
AT12	300mm	2.70	No Infiltration	2.57m ³
AT13	300mm	2.70	No Infiltration	10.29m ³
AT14	450mm	2.05	Infiltration	21.22m ³
AT15	450mm	2.05	Infiltration	16.26m ³
AT16	300mm	2.40	No Infiltration	8.57m ³
Total				204.88m ³ (FRA Requirement 204.7m ³)

Revision	Date	Description	Drawn	Checked
00	18.12.19	Planning Submission Outline Scheme	MBB	CS



hilsonmoran.com info@hilsonmoran.com

Client
Castle Property Developments Ltd
1 & 2 The Barn, West Stoke Road,
Lavant, Chichester, West Sussex.
PO18 9AA

Project
The Cottage
Shirpney Road
Bognor
PO229PA

Drawing Title
Proposed Surface Water
Drainage Network

Scale	Sheet Size	Checked	Approved
1:200	A0	RG	CS
Status			HM Project No.
-			22761
Drawing No.			Rev
22761-HM-XX-XX-DR-PH-1202			00