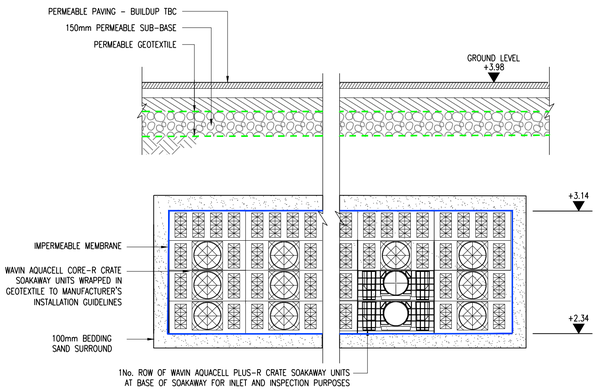
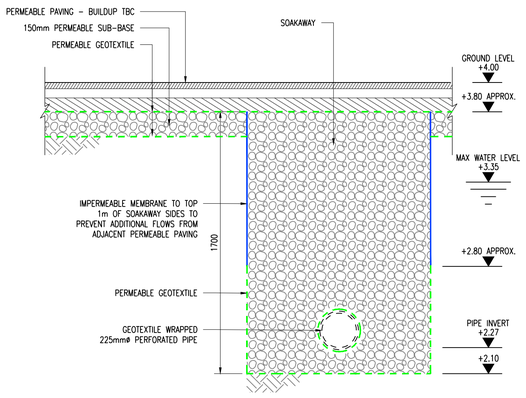


CELLULAR ATTENUATION DETAIL
(1:20)



SECTION THROUGH SOAKAWAY
(1:20)

SITE PLAN
(1:200)

Project/Task No. 15945 Scale: AS SHOWN ORIGINAL DRAWING SIZE A1

1. GENERAL
(i) This drawing is not to be scaled, work to figured dimensions only, confirmed on site.

(ii) This drawing is to be read in conjunction with all relevant architectural drawings, detailed specifications where applicable and all associated drawings in this series.

(iii) Any discrepancy on this drawing is to be reported immediately to the partnership for clarification.

(iv) The contractor is responsible for all temporary works and for the stability of the works in progress.

2. DRAINAGE GENERAL
(i) All foul and storm water drains which are not to be adopted as public sewers under a section 104 Agreement must be constructed in accordance with the Building Regulations, BS EN 752 and where appropriate the relevant agreement certificates.

(ii) Manholes, gullies, gully connections, sewers and other sewerage structures intended to convey surface water are to be constructed in accordance with the Water Authorities Association Specification 'Sewers for Adoption' 7th Edition and relevant Council Design Guide.

(iii) All concrete used in drainage works to comply with BRE Digest 363 for Class DS-2 sulphate conditions.

3. BELOW GROUND DRAINAGE
(i) Pipework to be UPVC-U pipes to BS 4660 : 2000 and Inspection Chambers to BS EN 13598.

(ii) All adoptable drainage to be constructed in accordance with 'Sewers for Adoption' 7th Edition and the relevant Council Design Guide.

(iii) All private surface water sewers to be laid at 1 in 80 unless otherwise stated on the drawing.

(iv) All private foul water sewers to be laid at 1 in 40 at the head of pipe runs and 1 in 80 elsewhere unless otherwise stated.

(v) All private foul sewer pipes to be 100mm diameter unless otherwise stated on the drawing. All private surface water sewer pipes to be 100mm diameter from downpipes and 150mm diameter elsewhere unless otherwise stated on the drawing.

(vi) Allow for rodding access above ground where rainwater downpipes do not have a direct connection to an inspection chamber.

(vii) Existing sewer pipe to be re-used to be surveyed and levelled prior to commencement of the drainage works and refurbished if necessary.

(viii) Connections to an adopted sewer only to be made following approval from the relevant adopting Authority.

(ix) All drains, sewer pipes and manholes to be cleaned and tested for water tightness on completion of construction.

4. MANHOLE COVERS & FRAMES
(i) Manhole covers to be class D400 in highways, class B125 in footways and verges, class C250 in external maintenance vehicle access areas and verges, and class A15 in non-trafficked areas.

(ii) Manhole covers and frames to be bedded and surrounded in 1:3 mortar.

5. PIPES
(i) Plastic pipes shall be of unplasticised polyvinyl chloride (UPVC) complying with the requirements of BS EN 1401-1:2009.

(ii) Concrete pipes shall be spun by a centrifugal process or be vertically pressed. They shall possess self inverting sockets and shall comply with the requirements of and be tested in accordance with BS 5911:2010.

LEGEND

FOUL WATER	SURFACE WATER	
FW	SW	PROPOSED DRAINAGE
		EXISTING SEWER
FW		EXISTING DRAIN TO BE REMOVED
FW		PROPOSED FOUL WATER DIVERSION
		PERFORATED PIPE
		PROPOSED CONCRETE MANHOLE
		PROPOSED 450mmø TYPE 3 INSPECTION CHAMBER
		CELLULAR CRATE ATTENUATION
		GRAVEL FILLED SOAKAWAY
		SITE BOUNDARY
		PERMEABLE PAVING WITH MIN 100mm TYPE 3 SUB-BASE

1:20
0 0.2m 0.4m 0.6m 0.8m 1m
1:200
0 2m 4m 6m 8m 10m

Description	By	Aprvd.	Date	Rev.
PERMEABLE PAVED AREA REMOVED	TRB	AK	29.07.22	P13
ATTENUATION RESIZED, DETAILS ADDED	TRB	AK	28.07.22	P12
REVISED TO DRAINAGE OFFICER COMMENTS	TRB	AK	08.07.22	P11
REVISED TO DRAINAGE OFFICER COMMENTS	TRB	AK	22.06.22	P10

PRELIMINARY DRAWING
NOT FOR CONSTRUCTION

Title: DRAINAGE STRATEGY

Project: DANIEL CLOSE

Client: ADUR DISTRICT COUNCIL

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Drawing No. 15945-HOP-02-XX-DR-C-09100 Status S0 Rev. P13

NOTES
DRAWING TO BE READ IN CONJUNCTION WITH SuDS REPORT 15945/02/HOP/SUDS BY HOP CONSULTING.

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1:20 0 0.2m 0.4m 0.6m 0.8m 1m
1:50 0 0.5m 1m 1.5m 2m 2.5m
1:100 0 1m 2m 3m 4m 5m

C:\PROJECTS\15945 AMDC Infill Sites, Shoreham & Lancing\Drawings\HOP\15945-HOP-02-XX-DR-C-09100 Daniel Close Drainage Strategy Infiltration Tom Butler