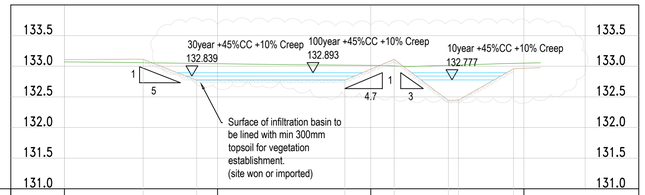


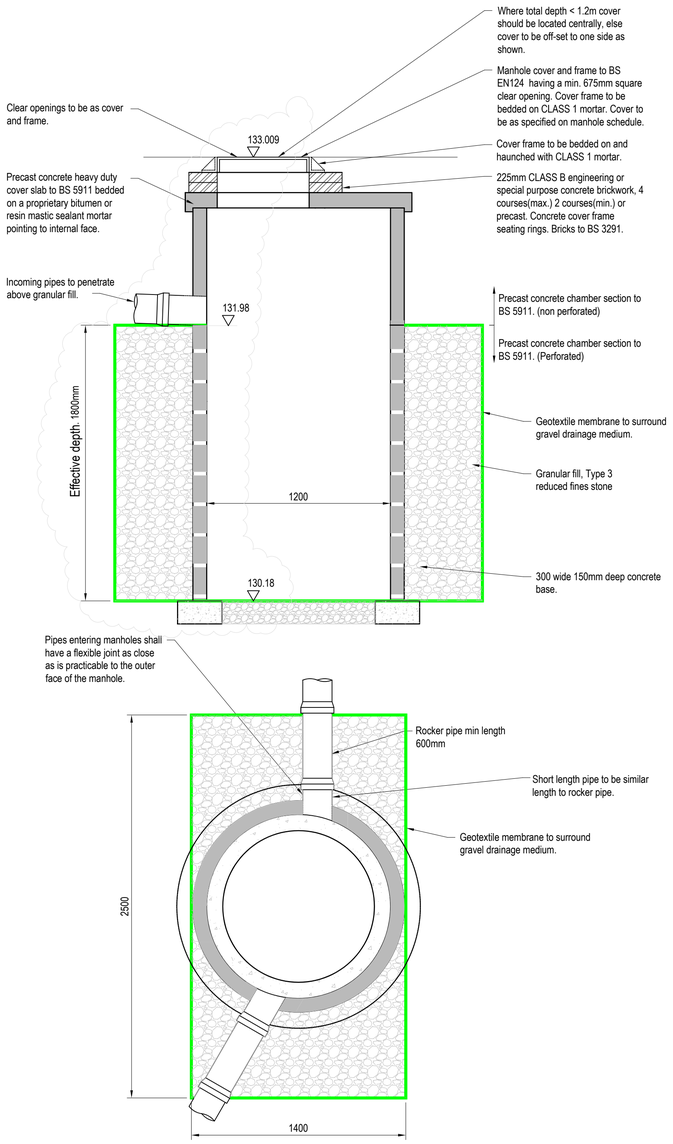
Chainage	0+000	1.913	4.923	0+005	6.115	9.039	0+010
Ground level (Existing)	133.116			133.064			133.095
Ground level (Proposed)	133.121	133.115	132.175	132.175	132.175	133.115	133.108

Infiltration Basin Section A–A v2
Scale 1:100 horizontal, 1:50 Vertical

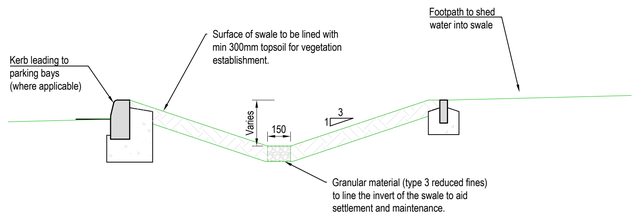


Chainage	0+000	2.570	4.317	0+005	9.155	0+010	10.765	12.534	12.862	14.661	0+015
Ground level (Existing)	133.072			133.041		133.015					133.050
Ground level (Proposed)	133.106	133.115	132.775	132.775	132.775	132.952	133.115	132.45	132.45	132.96	132.967

Infiltration Basin Section B–B v2
Scale 1:100 horizontal, 1:50 Vertical



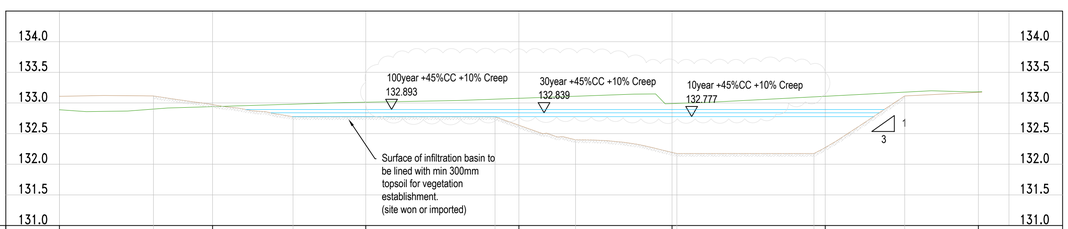
S2-6 Precast Ring Soakaway
Scale 1:20



Typical construction detail for Swale
Scale 1:20

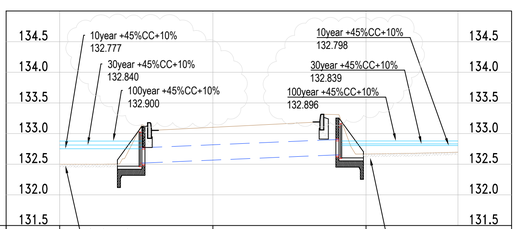
For typical Swale crossing detail refer to drawing GHY-CALM-09-DRG-28

Typical construction detail for Crate soak-away
Scale 1:20



Chainage	0+000	3.069	0+005	7.626	0+010	14.221	0+015	16.850	0+020	21.158	24.632	0+025	27.595	0+030
Ground level (Existing)	132.890		132.940		133.012		133.076		132.990			133.109		133.182
Ground level (Proposed)	133.108	133.115	132.974	132.775	132.775	132.775	132.636	132.375	132.194	132.175	132.175	132.273	133.115	133.173

Infiltration Basin Section C–C v2
Scale 1:100 horizontal, 1:50 Vertical



Chainage	0+000	0+005	0+010
Ground level (Proposed)			
Ground level (Existing)	132.681	133.102	132.667

Road Crossing Section D–D
Scale 1:100 horizontal, 1:50 Vertical

IF YOU HAVE A QUERY CALL US
SCALING FROM THIS DRAWING OR OBTAINING DIMENSIONS ELECTRONICALLY MAY NOT PROVIDE ACCURATE INFORMATION AND SHOULD BE AVOIDED. WORK ONLY FROM FIGURED DIMENSIONS.

NOTES:

1. This drawing is to be read in conjunction with all relevant Architects, Engineers and Specialists drawings together with the specification.
2. Private channel drain to be ACO Multidrain to be as per unit M100D 10 DS with Slotted Stainless steel grating ref 470DL, rated C250 load class. If use of an alternative product is desireable please confirm with designer before placing order.
3. Channel drain along highway to be agreed with highways before proceeding. Recommend ACO Multidrain to be as per unit M150D with Ductile Iron heel guard grating, rated D400 load class. If use of an alternative product is desireable please confirm with designer before placing order.
4. Precast Headwalls to be ref H3C with hinged close coupled grating by Althon, or equivalent approved.
5. Refer to the architect's drawings for above ground drainage and setting out positions of SVPs and RWP downpipes.
6. Before starting drainage works, details and levels of the existing drainage, and all dimensions are to be checked on site by the main contractor and any discrepancies against the information shown on the drawings reported to project engineer.
7. The contractor shall satisfy himself of location of all underground services prior to ground breaking. All existing services shall be located and protected throughout the works.
8. It is recommended that all drains be laid starting from the downstream connection to the existing drain and working upstream to the new development.
9. The main contractor shall adequately protect existing drains during the works and maintain normal operations where required.
10. Consents to discharge shall be obtained before connections are made to the Southern Water Foul sewer.
11. All RWPS should discharge to a storm drain via a trapped back inlet gully.

Safety Health and Environmental information

In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

Construction.
S.1 - Confined Spaces
S.2 - Interface with existing structures
S.3 - Working at Depth
S.4 - Groundwater contamination (good percolation on site)

Maintenance/Cleaning/Operation.
S.1 - Confined Spaces
S.3 - Working at Depth
S.4 - Groundwater contamination (good percolation on site)

Decommissioning/Demolition.
S.1 - Confined Spaces
S.3 - Working at Depth
S.4 - Groundwater contamination (good percolation on site)

1:10 200 0 200 400mm
1:20 400 0 400 800mm
1:50 1 0 1 2m
1:100 2 0 2 4m

REV	REVISION DETAILS	DATE
C	Layout revised during planning. Storm modeling updated with greater FoS, no MADD and revised areas.	26.04.24
B	Issued for Planning	06.07.23
A	1ST ISSUE	26.06.23

Ghyston Engineering Ltd
5 FURZE ROAD, FISHPONDS, BRISTOL, BS16 4HR
TEL : 0117 325 0745
email : Alex@GhystonEngineering.co.uk

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PROJECT TITLE
BARTLETT HOUSE
LUDGERSHALL

DRAWING TITLE
DRAINAGE
CONSTRUCTION DETAILS
SHEET 3 OF 3

CLIENT
Calm ENGINEERING

STATUS
PLANNING

SCALE	DRAWN	CHECKED	APPROVED
AS SHOWN AT A1	AMH	CM	A.HUGHES

DRG SIZE	DRAWING NUMBER	REV
A1	GHY-CALM-09-DRG-27	C