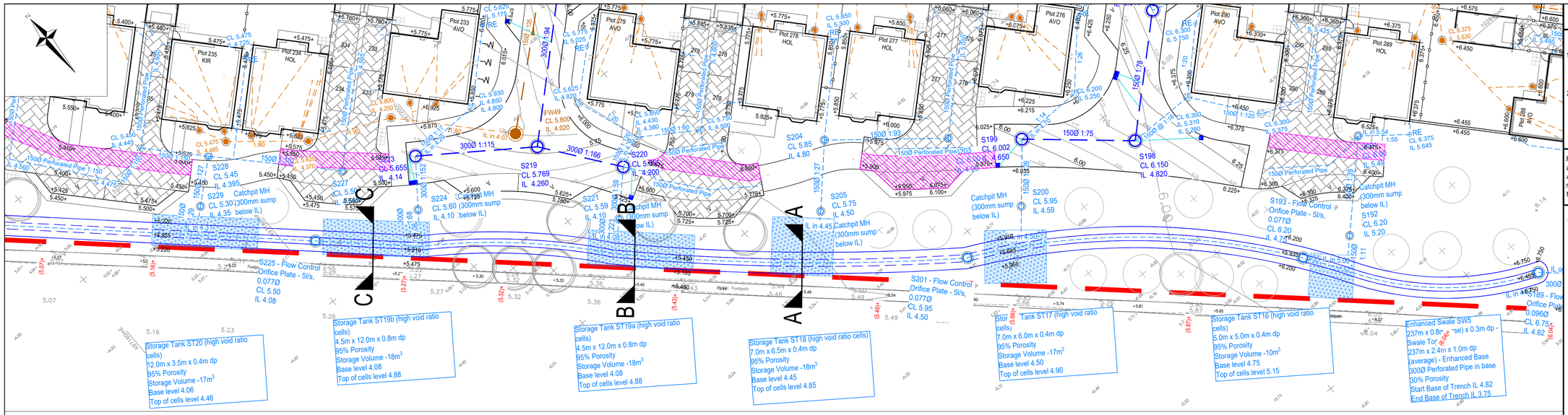


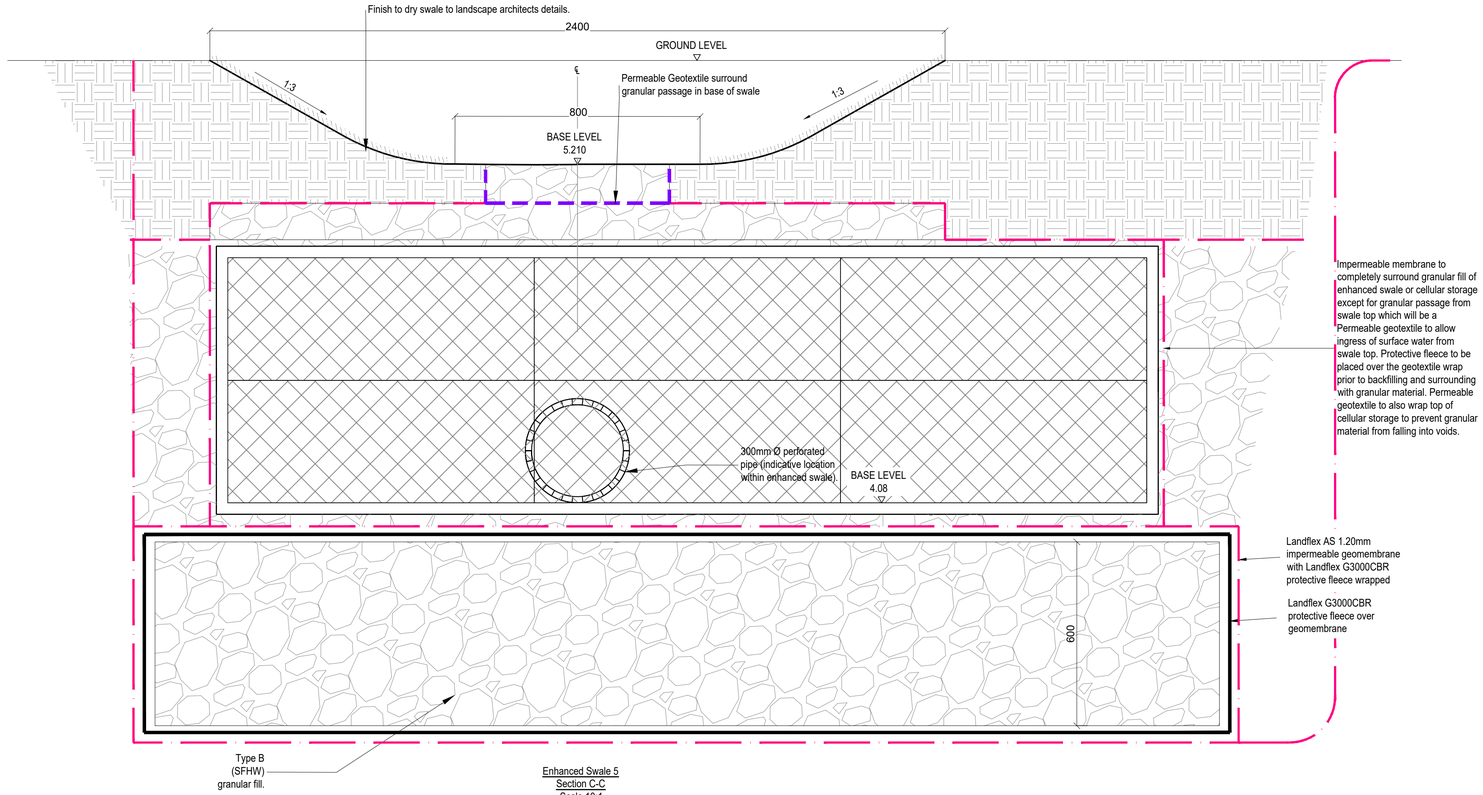


Enhanced Swale 5
Section C-C
Scale 10:1

## Drainage Key

- 150Ø 1:100 1.001 — Proposed Adoptable Surface Water Sewer
- Surface Water Gully & Connection
- 150Ø 1:100 1.001 — Proposed Private Surface Water Sewer
- RE — Rodding Eye
- Permeable Block Paving
- Below Ground Storage Tank
- 150Ø 1:100 1.001 — Proposed Adoptable Foul Water Sewer
- 150Ø 1:100 1.001 — Proposed Private Foul Water Sewer
- 6.750+ — Proposed Level
- Site Boundary



Site Location Plan
Scale: 1:5000

## CIVIL / STRUCTURAL DESIGN RISK MANAGEMENT

Abnormal or unusual residual risks associated with the design outcomes shown on this drawing are:-

1. There will be deep excavations for structures and drainage systems. This is a high risk, high severity hazard. The contractor should provide protection and support in accordance with health and safety legislation. It is known that the groundwater is shallow in winter months, care to be taken to prevent collapse of the excavation.
2. Live Services - risks to contractor's personnel - Seek written confirmation from Statutory Authority and/or Building/site owner that all live services - especially electricity services - have been disconnected or diverted prior to construction. If any services are to remain live during the construction work, ensure that the locations of these are identified and clearly marked. All operatives are to be made aware of their presence. Employ hand digging near/adjacent to any known live services. This includes, but is not limited to, services located in Drove Lane and the B2233.

RSK LDE LTD has followed its Design Risk Management process for Hazard Elimination and Risk reduction in developing the designs shown on this drawing.
Abnormal or unusual residual risks may be shown above where it is considered that such risk may not normally be expected by competent persons engaged on work of this nature or type.

## Notes:

1. This drawing presents the SuDS feature specific setting out and details for the proposed development at Drove Lane, Yapton. It details the lining requirements to prevent egress of surface water run-off from the proposed drainage network or ingress of groundwater into the proposed drainage network due to being located within the peak groundwater levels.
2. This drawing should be read in conjunction with the "RSK report 133981-R01 - Attenuation Basins - Design Calculation Report For Mitigation Measures Against Buoyancy Force" and drawing from CIV-1-4080 SuDS Feature Liner Layout.
3. This drawing is to be read in conjunction with all relevant Engineer's and Architect's drawings and specifications.
4. This drawing is to be printed in COLOUR.
5. For Site Drainage Layout refer to RSK drawings CIV-1-4024 to 4027.
6. For Drainage Construction Details refer to RSK drawing CIV-1-4018 to CIV-1-4022.
7. Figures quoted next to manholes / rodding eyes are cover & invert level, in Metres AOD.
8. All drainage design is subject to technical approval, no connections shall be made to any public sewers without written consent from the drainage authority.
9. All high void ratio attenuation units to be installed strictly in accordance with manufacturer's requirements.
10. All adoptable drainage to be constructed in conjunction with Design and Construction Guidance (Water UK).

| Rev. | Date | Amendment | Drawn | Chkd. | Appd. |
|---|---|---|---|---|---|
| D | 06.12.2022 | Issued for Construction. | LN | AM | |
| C | 22.12.2021 | Issued for LLFA approval. Updated to suit LLFA comments. | CPM | AM | |
| B | 14.12.2021 | Issued for LLFA approval. Updated to suit LLFA comments. | AM | AM | |
| A | 06.12.2021 | Issued for LLFA approval | JC | AM | |


RSK
LAND & DEVELOPMENT ENGINEERING LTD
18 Frogmore Road
Hemel Hempstead
Hertfordshire
HP3 9RT
United Kingdom
Tel: +44 (0) 1442 437500
Fax: +44 (0) 1442 437550
Email: info@rsk.co.uk
Web: www.rsk.co.uk


Client: BARRATT HOMES built around you; DAVID WILSON HOMES

Project Title
DROVE LANE, YAPTON

Status: CONSTRUCTION

Drawing Title
ENHANCED SWALE 5 SETTING OUT AND DETAILS SHEET 3 OF 4

| Drawn | Date | Checked | Date | Approved | Date |
|---|---|---|---|---|---|
| JC | 06.12.2021 | AM | 06.12.2021 | | |

| Scale | Orig Size | Dimensions |
|---|---|---|
| 1:250 | A1 | Metres |

Project No.: 133981
Drawing File: CIV-1-4092-4095_Enhanced Swale 5 Setting Out and Details.dwg
Drawing No.: CIV-1-4094
Rev.: D

Scale 1:250
0 2.5 5 7.5 10 12.5m

ARUN DISTRICT COUNCIL Y/0724/OCC