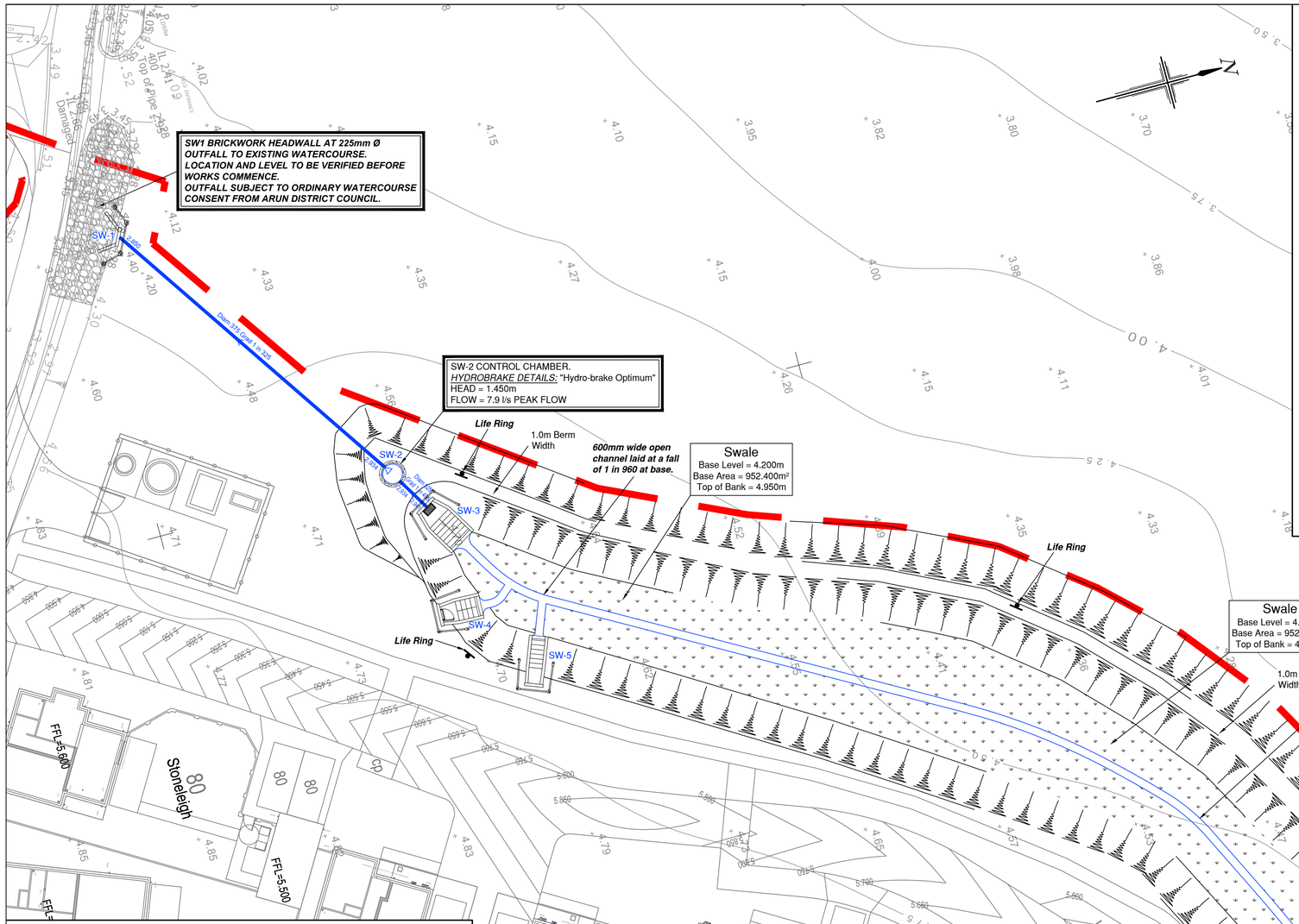
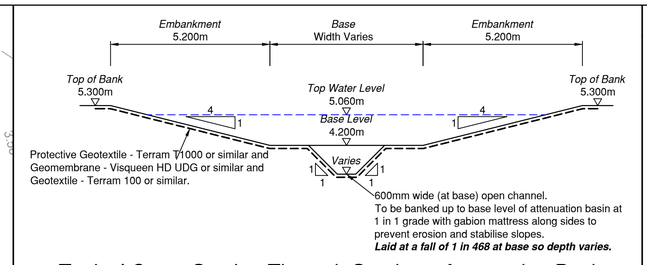


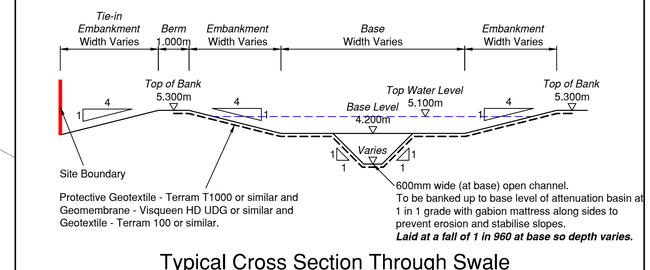
Plan

Scale 1:200



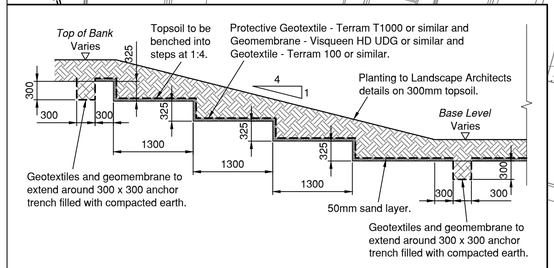
Typical Cross Section Through Southern Attenuation Basin

Scale 1:100



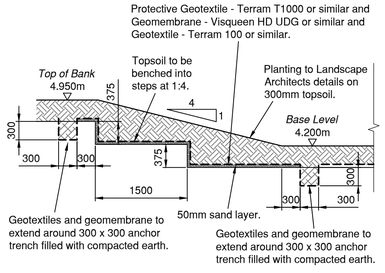
Typical Cross Section Through Swale

Scale 1:100



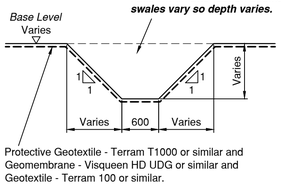
Typical Attenuation Basin Bank & Base Lining Detail

Not to Scale



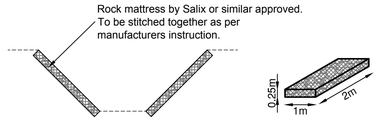
Typical Swale Bank & Base Lining Detail

Not to Scale



Typical 600mm Wide (At Base) Open Channel Detail

Not to Scale



Net Specification
Material: 3mm Synthetic Polyethylene braided knotted nets
Apertures: 32mm
Yarn Thickness: 3mm
Single Mesh Tensile Strength: 152,4kg = 1,495 kN/Mesh U.V. treated 350 Kly
Colour: Black
Stone Specification
Weather and frost resistant granite: 40mm to 75mm (3% to 5% less than 32mm)
Unit Size
2m x 1m x 0.25m deep
Weight per Square Metre: 250mm deep: 250kg (+/- 10%)

Typical Gabion Rock Mattress Detail

Not to Scale

NOTES

1. All dimensions are in metres unless stated otherwise.
2. Do not scale from this drawing. Only written dimensions are to be used.
3. This drawing should be read in conjunction with the Architect's and Structural Engineer's design drawings and specification.
4. Whilst all Surface Water Sewers are to remain private, all construction to be in accordance with Sewers for Adoption - 6th Edition & Interim Addendum and the specific requirements of Southern Water.
5. Site layout based on Kenn Scaddan Associates Ltd Site Plan issued to RCP in .dwg format on 04/02/2020.
6. Topographic Survey as per Siteline Level Survey, drawing number 657PG01 dated July 2012. Ditch Surveys as per Encompass Topographical Survey, drawing number ENC/030620/6JJ7C dated May 2020.
7. Architects blocks based on Kenn Scaddan Associates Ltd Substructures issued to RCP in .dwg format on 11/02/2020.
8. This drawing should be read in conjunction with other SuDS Features General Arrangement Layouts, SuDS Features Headwall Construction Details (DSM/E4761/433 & 434), SuDS Features Control Chamber Construction Details (DSM/E4761/435) and SuDS Features Setting Out Layouts (DSM/E4761/436 & 437).
9. ***ANY VARIANCE OR DISCREPANCY MUST BE REPORTED BACK TO RCP ENGINEERING BEFORE WORK BEGINS.***

KEY

Site Boundary
(Based on Kenn Scaddan Associates Ltd Site Plan issued to RCP in .dwg format on 04/02/2020)

Private Surface Water Sewers
(Outer diameter of chamber & concrete surround shown)
SW1

Brickwork Headwalls
(Refer to drawing numbers DSM/E4761/433 & 434 for details)

Concrete Bagwork Headwall
(Refer to drawing number DSM/E4761/434 for details)

Gravel channels to be filled with 40/60 "No Fines" angular stone.

1 in 4 embankments to all SuDS Features and tie-in earthworks.

CDM NOTES

1. EXISTING SERVICES. Depth of existing services must be determined prior to works commencing. The contractor is responsible for establishing underground services in accordance with HSE Guidance note HS (G) 47. Any services which would be within the proposed construction layers must be lowered to below the sub-base.

SCALE BAR 1:100 at A1

SCALE BAR 1:200 at A1

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Rev.	Date	Details	By	Chkd	Appd
B	03.07.20	Sections Southern and Northern basin Top water levels revised in accordance with drainage comments received from Arun District Council on 23/06/2020. *(Revision clouds omitted for clarity).*	LD	TRS	TRS
A	05.06.20	Updated in accordance with drainage comments received from Arun District Council on 12/05/2020. *(Revision clouds omitted for clarity).*	NW	AC	TRS

Client:-

DREW SMITH LIMITED

Site:-
SUMMER LANE PAGHAM

Drawing Title:-
SuDS FEATURES
GENERAL ARRANGEMENT LAYOUT
SHEET 1 OF 2

Date: March 2020 | Scales: As Shown at A1
Drawn: AC | Checked: LD | Approved: TRS

Drawing No.
DSM/E4761/431 B

INITIAL TENDER ISSUE
SUBJECT TO PLANNING APPROVAL

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