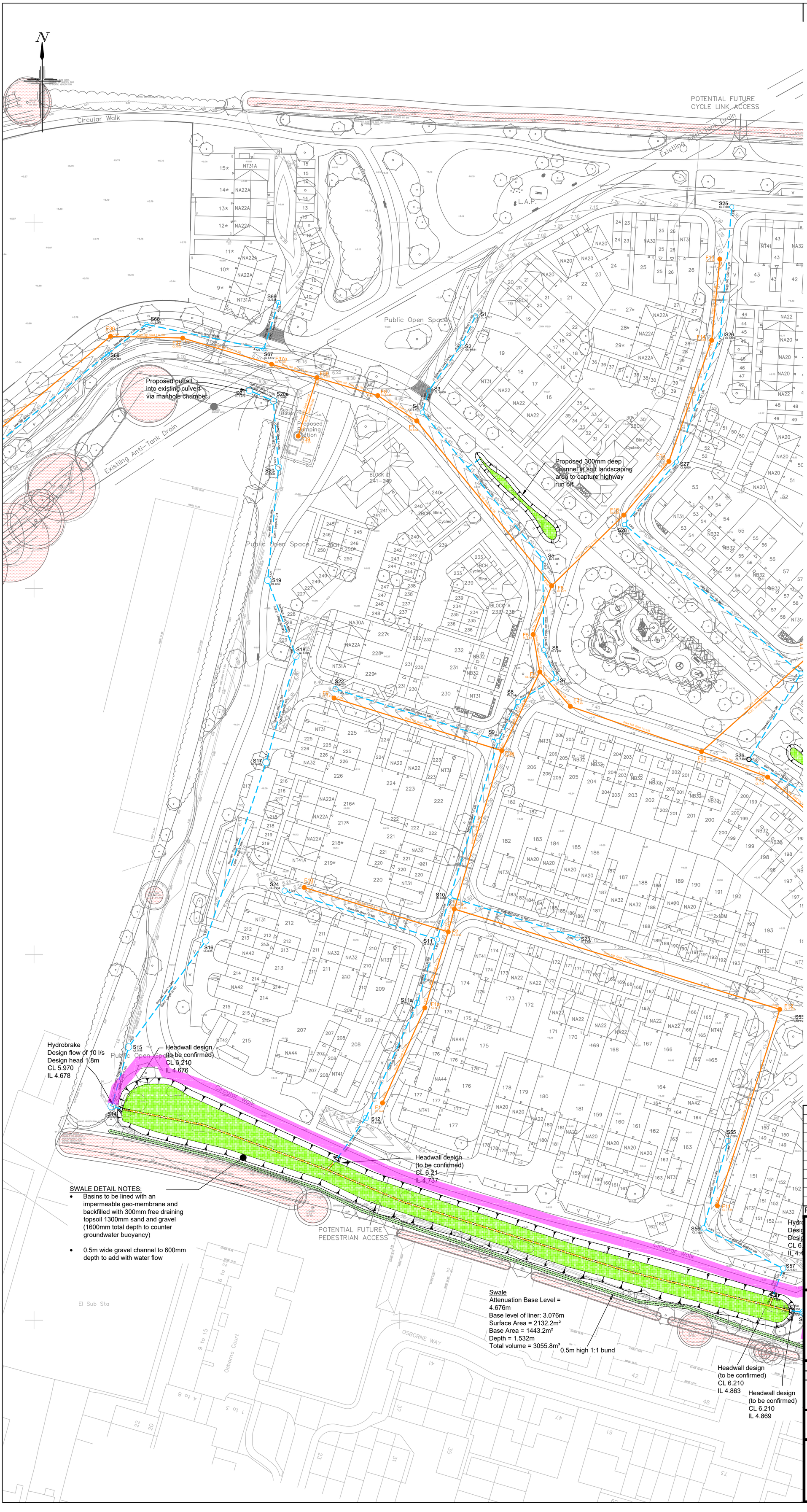

SWALE DETAIL NOTES:

- Basins to be lined with an impermeable geo-membrane and backfilled with 300mm free draining topsoil 1300mm sand and gravel (1600mm total depth to counter groundwater buoyancy)
- 0.5m wide gravel channel to 600mm depth to add with water flow

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. Site layout based on Cooper Baillie Planning Layout, drawing number CB_84-139_001 Rev F dated 21st July 2021.
4. Topographical survey based on MK Surveys layout, drawing number 22496-2 dated January 2021.
5. Level strategy is subject to further design development. Cover Levels are indicative only and subject to further detailed review
6. The proposed surface and foul water drainage show is indicative only and subject to further design development. Detailed proposals for the surface and foul water drainage strategy will be provided as part of the Discharge of Conditions applications associated with the current Outline Planning Consent P.134.16.OUT
7. ***ANY VARIANCE OR DISCREPANCY MUST BE REPORTED BACK TO RCP ENGINEERING BEFORE WORK BEGINS.***

KEY

- Site Boundary
- Potential School, care home or residential site under separate planning application
- Proposed Surface Water Sewer
- Proposed Foul Water Sewer
- Basin and swale base to consist of 300mm free draining topsoil and clean coarse granular material nominal size 40/60mm with full depth 0.5m channel to allow for water flow
- Proposed Headwall
- Existing Trees And Hedgerows root protection areas. Any works to be carried out to be undertaken in accordance with arboculralist's method statement and approval
- Proposed indicative permeable paving (Subject to further soakage and infiltration testing to inform permeability rates and depths within parking areas and driveway)
- Indicative location of 0.5m high bund to prevent over ground water flow entering existing residents plots from SuDs features.
- Indicative location of 140m² attenuation tank
- Indicative gradient for SuDs basins and swale (1:3)
- Route for future maintenance access to SuDS basins, swales and diverted watercourse

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.

0m 5m 10m 20m 30m 40m 50m

SCALE BAR 1:500 at A1

Rev.	Date	Details	By	Chkd	Appd
G	01.09.21	Maintenance access route added	TRS	LD	TRS
F	26.07.21	Basin backfill updated	TRS	LD	TRS
E	22.07.21	Site layout updated.	TRS	LD	TRS
D	19.03.21	Site layout updated.	TK	LD	TRS
C	04.02.21	Chamber S20a added and site layout updated.	TK	LD	TRS
B	22.01.21	0.5m high bund added to south eastern SuDs features, topographical survey and site layout updated.	TK	LD	TRS
A	11.01.21	Surface water and foul water networks updated to suit latest site layout	TK	LD	TRS

Client:- Taylor Wimpey

Site:- Sefter Road, Bognor

Drawing Title:- Surface Water Drainage Strategy Layout

Sheet 2 of 3

Date: January 2020 | Scales: 1:500 at A1

Drawn: TK | Checked: TK | Approved: TRS

Drawing No. WSC/E4775/009 G

FOR INFORMATION ONLY

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ARUN DISTRICT COUNCIL P/49/21/RES