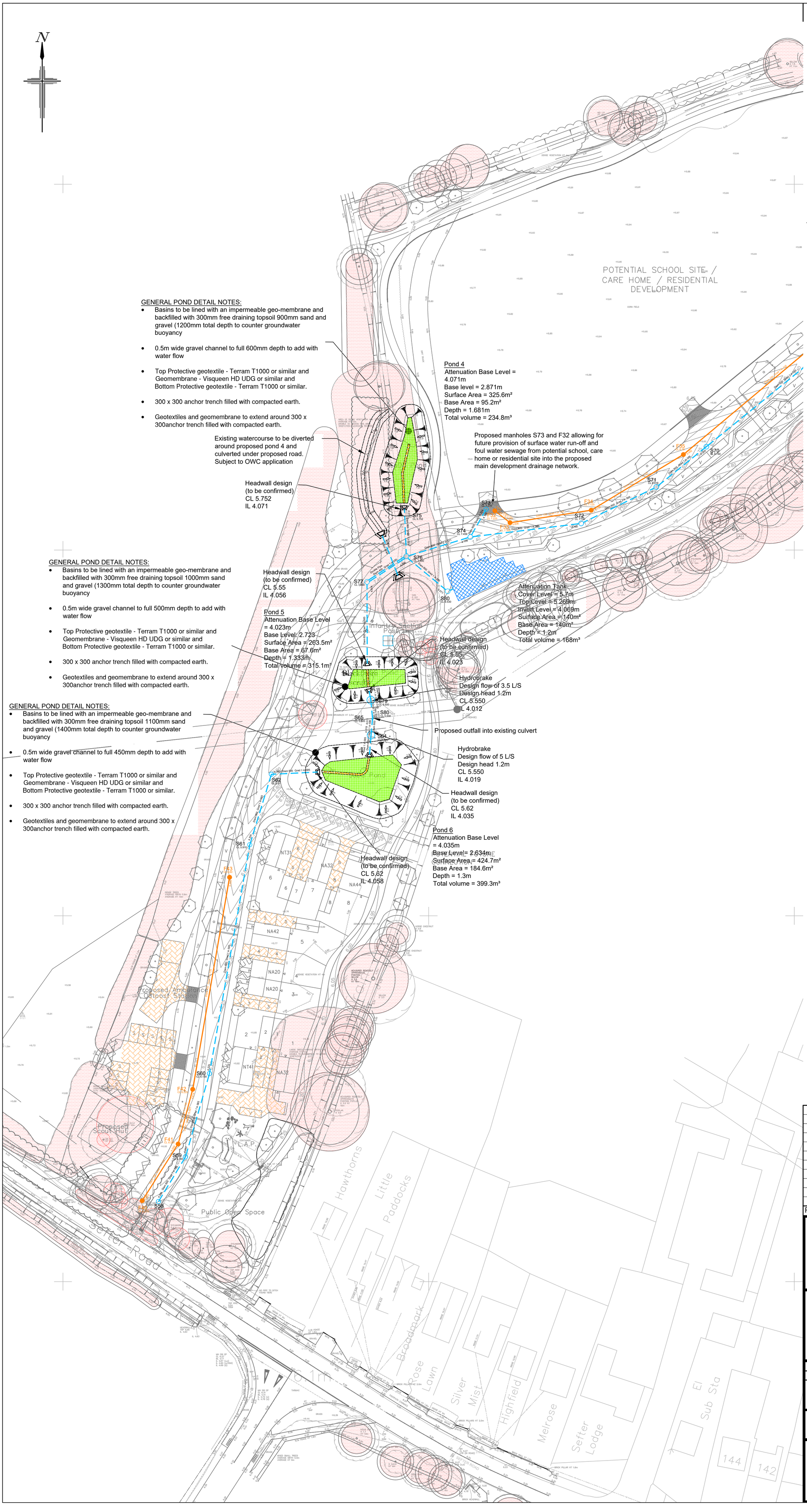

GENERAL POND DETAIL NOTES:

- Basins to be lined with an impermeable geo-membrane and backfilled with 300mm free draining topsoil 900mm sand and gravel (1200mm total depth to counter groundwater buoyancy
- 0.5m wide gravel channel to full 600mm depth to add with water flow
- Top Protective geotextile - Terram T1000 or similar and Geomembrane - Visqueen HD UDG or similar and Bottom Protective geotextile - Terram T1000 or similar.
- 300 x 300 anchor trench filled with compacted earth.
- Geotextiles and geomembrane to extend around 300 x 300anchor trench filled with compacted earth.

GENERAL POND DETAIL NOTES:

- Basins to be lined with an impermeable geo-membrane and backfilled with 300mm free draining topsoil 1000mm sand and gravel (1300mm total depth to counter groundwater buoyancy
- 0.5m wide gravel channel to full 500mm depth to add with water flow
- Top Protective geotextile - Terram T1000 or similar and Geomembrane - Visqueen HD UDG or similar and Bottom Protective geotextile - Terram T1000 or similar.
- 300 x 300 anchor trench filled with compacted earth.
- Geotextiles and geomembrane to extend around 300 x 300anchor trench filled with compacted earth.

GENERAL POND DETAIL NOTES:

- Basins to be lined with an impermeable geo-membrane and backfilled with 300mm free draining topsoil 1100mm sand and gravel (1400mm total depth to counter groundwater buoyancy
- 0.5m wide gravel channel to full 450mm depth to add with water flow
- Top Protective geotextile - Terram T1000 or similar and Geomembrane - Visqueen HD UDG or similar and Bottom Protective geotextile - Terram T1000 or similar.
- 300 x 300 anchor trench filled with compacted earth.
- Geotextiles and geomembrane to extend around 300 x 300anchor trench filled with compacted earth.

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)

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
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	Note added for future provision of school, care home, residential site drainage provision within development drainage network 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 1 of 3

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

Drawn: TK | Checked: TK | Approved: TRS

Drawing No. WSC/E4775/008 F

FOR INFORMATION ONLY

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ARUN DISTRICT COUNCIL P/49/21/RES