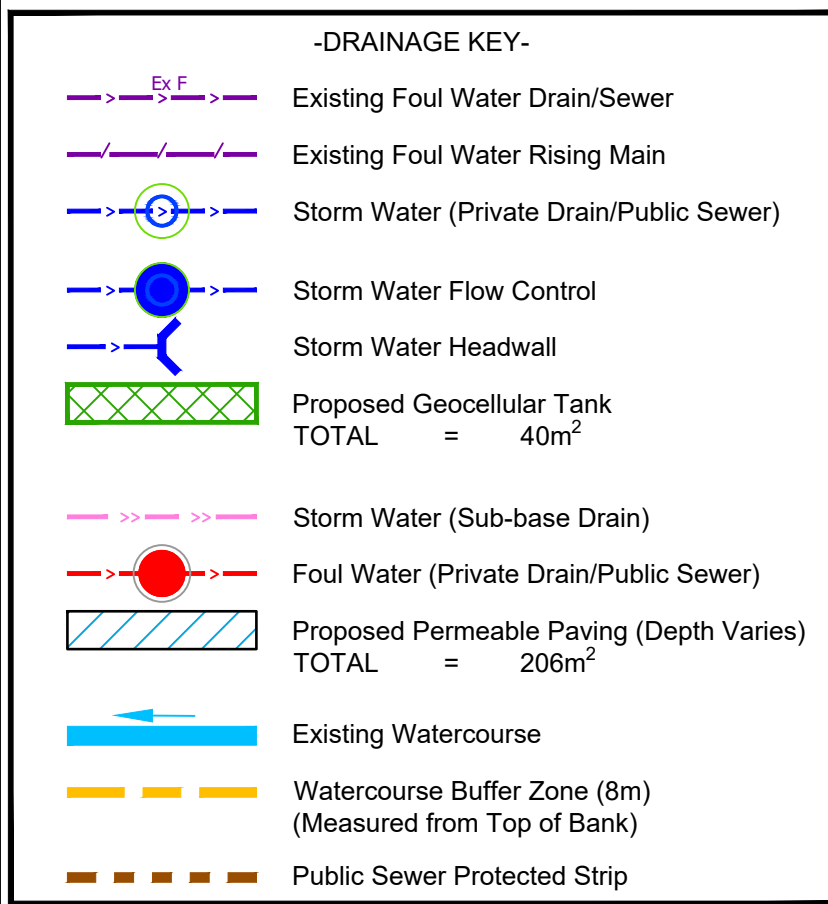




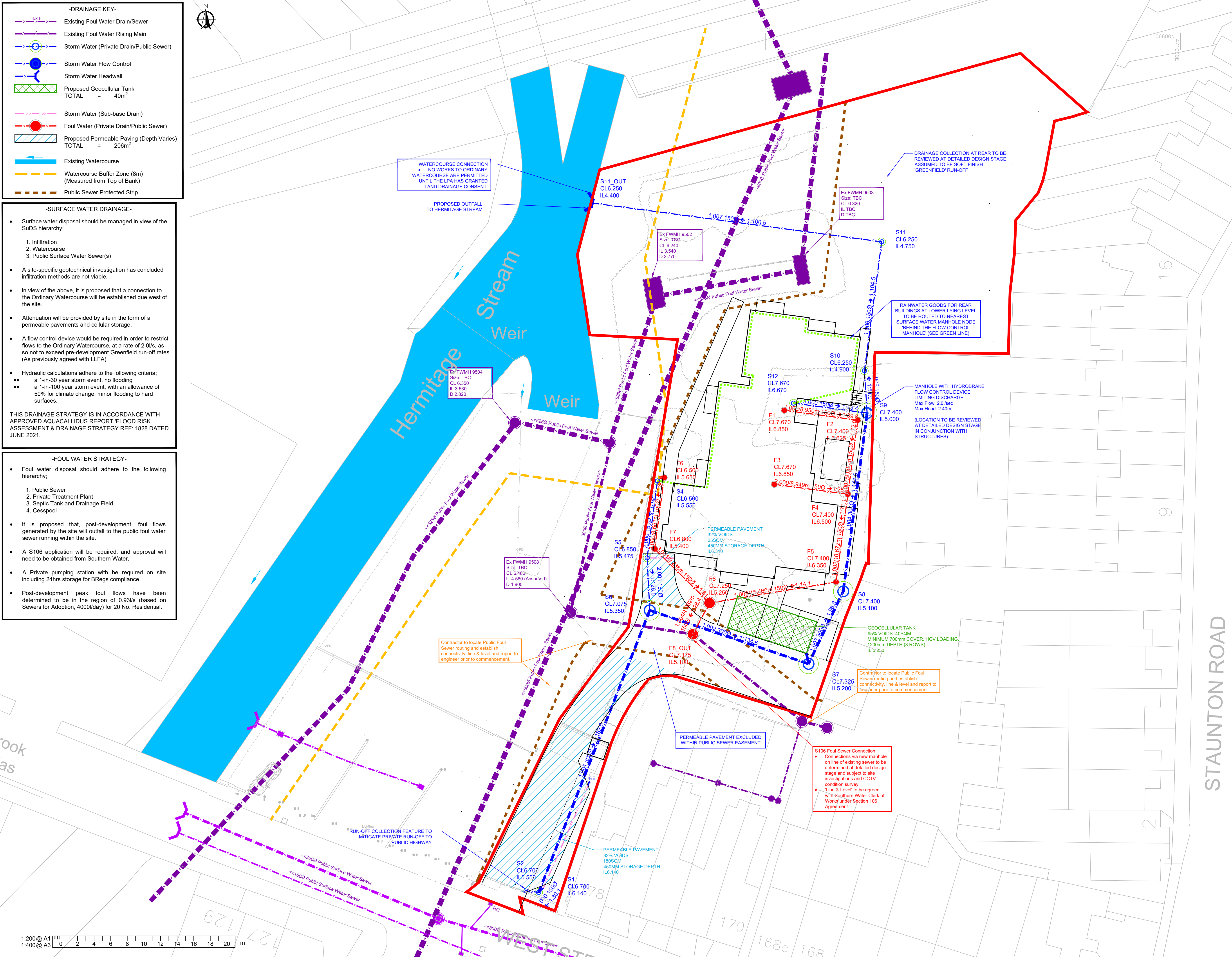
-SURFACE WATER DRAINAGE-

- Surface water disposal should be managed in view of the SuDS hierarchy;
 - Infiltration
 - Watercourse
 - Public Surface Water Sewer(s)
- A site-specific geotechnical investigation has concluded infiltration methods are not viable.
- In view of the above, it is proposed that a connection to the Ordinary Watercourse will be established due west of the site.
- Attenuation will be provided by site in the form of a permeable pavements and cellular storage.
- A flow control device would be required in order to restrict flows to the Ordinary Watercourse, at a rate of 2.0l/s, as so not to exceed pre-development Greenfield run-off rates. (As previously agreed with LLFA)
- Hydraulic calculations adhere to the following criteria;
 - a 1-in-30 year storm event, no flooding
 - a 1-in-100 year storm event, with an allowance of 50% for climate change, minor flooding to hard surfaces.

THIS DRAINAGE STRATEGY IS IN ACCORDANCE WITH APPROVED AQUACALLIDUS REPORT 'FLOOD RISK ASSESSMENT & DRAINAGE STRATEGY REF: 1828 DATED JUNE 2021.

-FOUL WATER STRATEGY-

- Foul water disposal should adhere to the following hierarchy;
 - Public Sewer
 - Private Treatment Plant
 - Septic Tank and Drainage Field
 - Cesspool
- It is proposed that, post-development, foul flows generated by the site will outfall to the public foul water sewer running within the site.
- A S106 application will be required, and approval will need to be obtained from Southern Water.
- A Private pumping station with be required on site including 24hrs storage for BRegs compliance.
- Post-development peak foul flows have been determined to be in the region of 0.93l/s (based on Sewers for Adoption, 4000/day) for 20 No. Residential.



NOTES

- This drawing is to be read in conjunction with all other Bright Plan Civils drawings, and with all relevant Architect's and Engineer's drawings and specification. Any discrepancies found are to be reported immediately to the Engineer.
- Bright Plan Civils accepts no responsibility for inaccuracies in data provided by third parties such as topographic surveys or Ordnance Survey mapping.
- Do not scale, work to figured dimensions only. All dimensions are in millimeters unless noted otherwise and all levels are in metres from the topographic survey datum.
- Any information given regarding existing underground services is given in good faith after consultation with the relevant authority, however accuracy is not certain.

PRELIMINARY
NOT FOR CONSTRUCTION

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BRIGHT PLAN CIVILS
Transport Planning and Infrastructure Design Consultants
2 West Barn, Norton Lane, Chichester, West Sussex PO20 3AF
Tel: 01243 231648
www.bpcivils.co.uk enquiries@bpcivils.co.uk

Drawing Status: **PRELIMINARY**

Client: **Havant Housing Association**

Project: **The Burrows, West Street, Havant, PO9 1LR**

Drawing title: **Proposed Drainage Strategy**

Scale: 1:200	Date: 15/10/21	Drawn By: MJA	Checked By: MJA
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Drawing No: D2023-PL300	Rev.: -
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