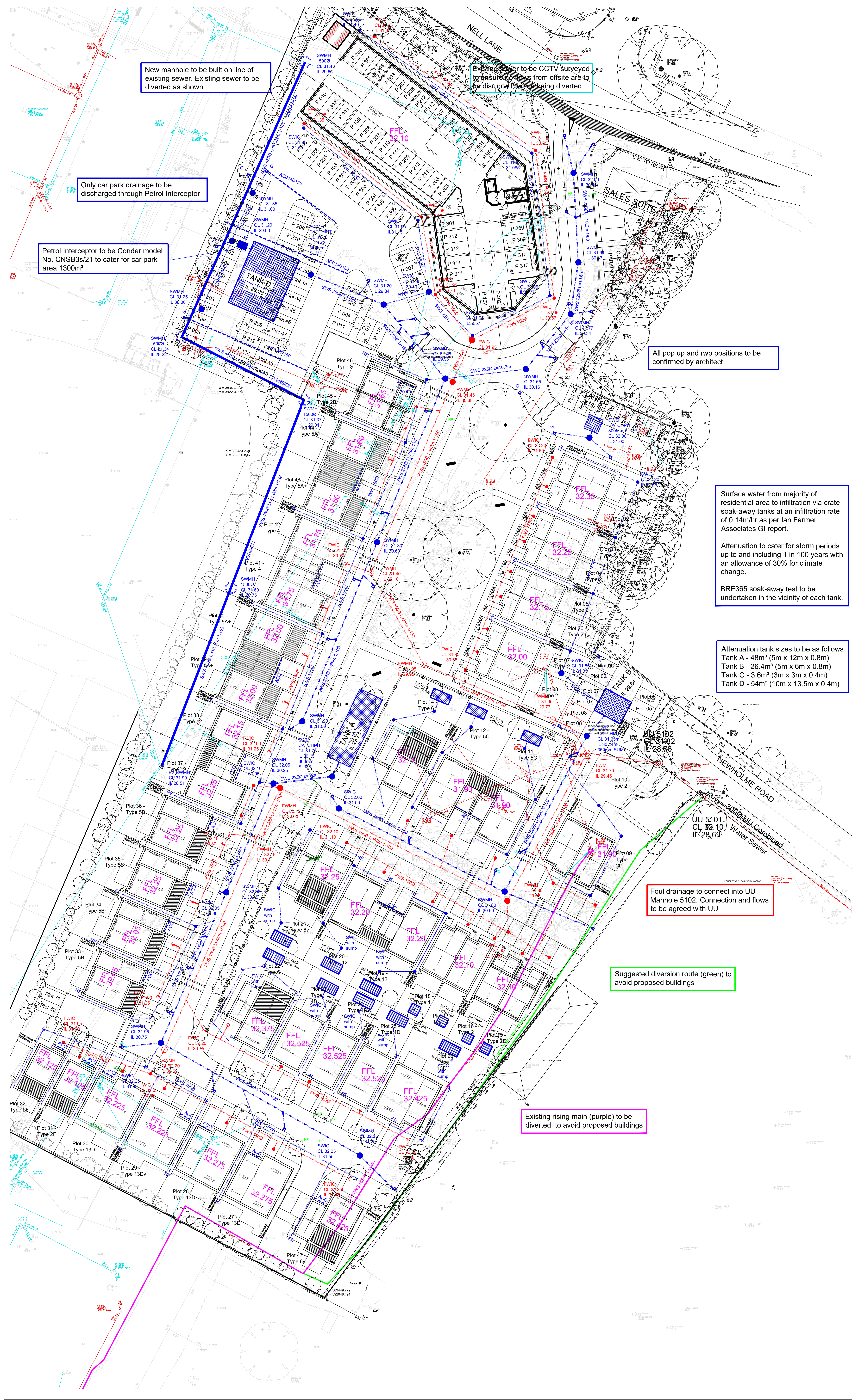




NOTES

1. Do not scale from this drawing
2. This drawing is copyright and is sent to you in confidence it must not be copied, used or disclosed, in whole or in part, to third parties without written permission. It remains the property of Booth King Partnership Ltd. and must be returned on request.
3. This drawing is to be read in conjunction with all relevant contractual documents.

Drainage Notes

1. All works and materials to be in accordance with 'Sewers for Adoption' 7th edition 2012 & the requirements of BS EN 752:2008 & Part H of the Building Regulations.
2. Manhole covers to be 600x600 clear opening, in accordance with BS EN 124.
3. All foul water pipes to be vitrified clay UNO.
4. Clay pipes to be flexibly jointed and comply with the requirements of BS EN 295. As Messrs Hepworth superservice and Hepesal.
5. Concrete pipes to be flexibly jointed and comply with the requirements of BS 5911.
6. Plastic pipes (PVC-U) to be flexibly jointed and comply with the requirements of BS EN 1401-1 1996.
7. Where cover to pipes is less than 1200 in roads and hardstandings or 500 mm elsewhere, concrete surround is to be provided in accordance with the detail. N.B. Until final service is placed, heavy traffic is not to be allowed over pipe trenches without special precautions.
8. Pipes and fittings are to be laid in accordance with the manufacturers recommendations.
9. Inspection chambers to be 450 or 475 dia PPIC.
10. Manholes to be 1200dia concrete rings.

Please Note

The Topographical and buried services shown on this drawing were provided to Booth King by others. Booth King have not verified this information and therefore we can not guarantee its accuracy. The position and alignment of services may differ from that shown and other buried services may be present.

The contractor must verify the location of all buried services before any excavation or piling works begin. Damage to existing services could present a major health and safety risk plus associated commercial penalties.

New manhole to be built on line of existing sewer. Existing sewer to be diverted as shown.

Existing sewer to be CCTV surveyed to ensure no flows from offsite are to be disrupted before being diverted.

Only car park drainage to be discharged through Petrol Interceptor

Petrol Interceptor to be Conder model No. CNSB3s/21 to cater for car park area 1300m²

All pop up and rwp positions to be confirmed by architect

Surface water from majority of residential area to infiltration via grate soak-away tanks at an infiltration rate of 0.14m/hr as per Ian Farmer Associates GI report.

Attenuation to cater for storm periods up to and including 1 in 100 years with an allowance of 30% for climate change.

BRE365 soak-away test to be undertaken in the vicinity of each tank.

Attenuation tank sizes to be as follows
Tank A - 48m³ (5m x 12m x 0.8m)
Tank B - 26.4m³ (5m x 6m x 0.8m)
Tank C - 3.6m³ (3m x 3m x 0.4m)
Tank D - 54m³ (10m x 13.5m x 0.4m)

Foul drainage to connect into UU Manhole 5102. Connection and flows to be agreed with UU

Suggested diversion route (green) to avoid proposed buildings

Existing rising main (purple) to be diverted to avoid proposed buildings

Finished floor levels to be confirmed following detailed external works design

P12	21.04.21	Amended to suit as built layout	SM
P11	16.07.19	Amended to suit latest planning layout	SM
P10	29.07.18	FFLs to plots 29-34 amended	SM
P9	25.04.18	Amended to suit latest layout	SM
P8	26.03.18	Amended to suit latest layout	SM
P7	09.01.18	Soakaway sizes amended	SM
P6	08.01.18	Amended to suit latest external works	SM
P5	08.12.17	Amended to suit latest planning layout	SM
P4	27.09.17	Minor amendments to notes.	SM
P3	17.10.16	Updated to latest masterplan layout; extg drainage shown.	SM
P2	OCT16	Foul water schematic added	SM
REV	DATE	REVISION DETAILS	INITIALS



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PROJECT:
Siemens Site Development
Residential Area

TITLE:
Drainage GA

SCALE @ A0:	DRAWN:	DATE:
1:250	DM	Sep'17

JOB No:	DRAWING No:	REVISION:
12780	500	P12