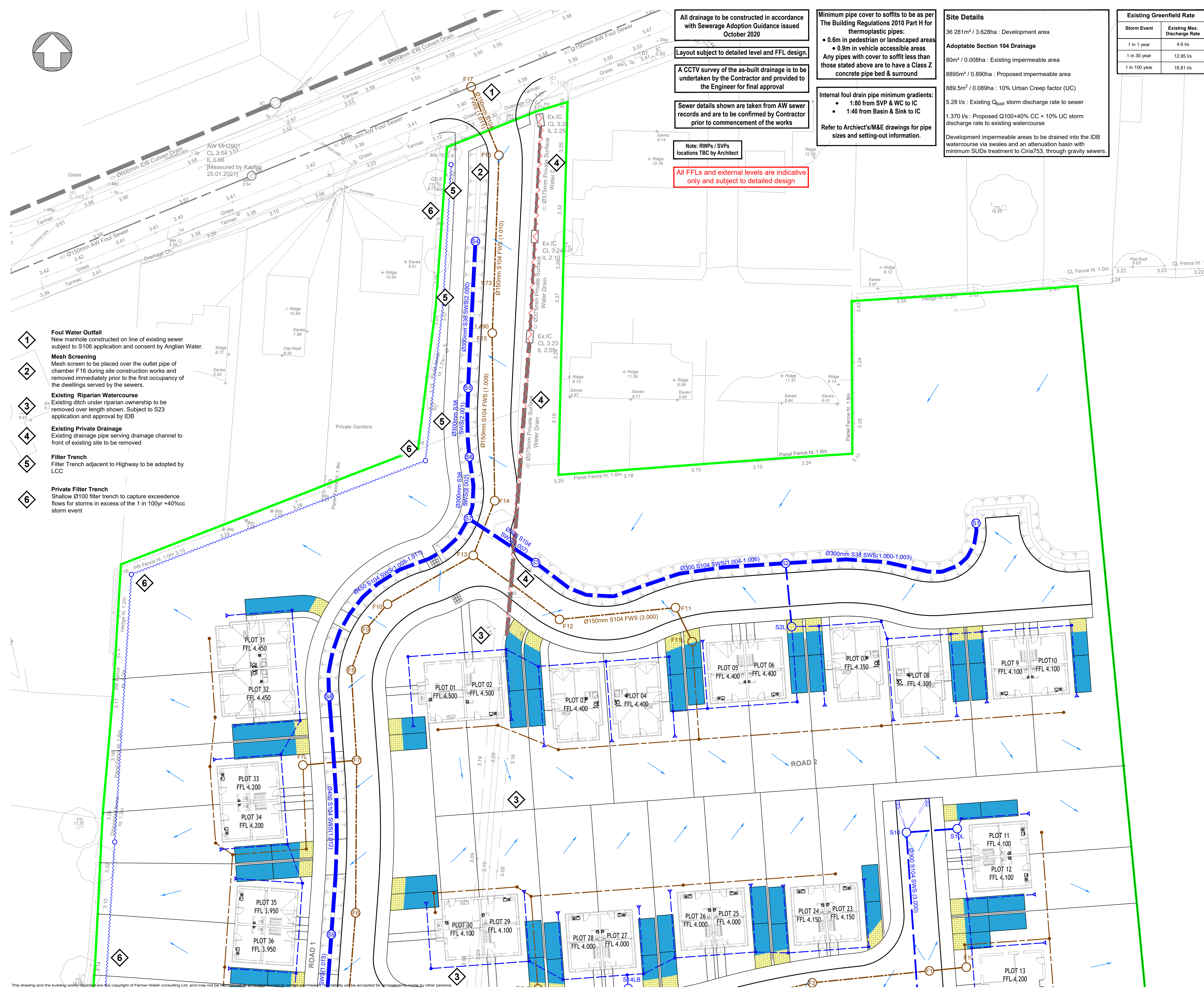




Private Filter Trench
Shallow Ø100 filter trench to capture exceedance flows for storms in excess of the 1 in 100yr +40% storm event

Development impermeable areas to be drained into the IDB watercourse via swales and an attenuation basin with minimum SUDs treatment to Ciria753, through gravity sewers.

1. DO NOT SCALE
2. This drawing is to be read in conjunction with all other relevant drawings and details.
3. Should there be any conflict between the details indicated on this drawing and those on other drawings the Engineer should be informed **PRIOR** to construction on site.
4. Until technical approval has been obtained from the relevant Authority, it should be understood that all drawings issued are Preliminary and NOT for construction. Should the Contractor commence site work prior to such approval being given it is entirely at their own risk.
5. Sketch proposals are for illustrative purposes only and as such are subject to detailed site investigation including ground conditions / contaminants, drainage, design and planning / density negotiations.
6. All dimensions are in millimetres unless otherwise stated.
7. The Farrow Walsh Consulting Designers Risk Assessments for this project must be reviewed **PRIOR** to the commencement of any works on site.

1. Information shown is FOR APPROVAL only and subject to detailed design.
2. This drawing to be read in conjunction with all other relevant Engineers and Architect's details.
3. All work is to be carried out in accordance with the current British Standards, codes of practice, building regulations and with Sewers for Adoption 6th Edition guidance.
4. The exact position, level, size and use of existing sewers to be confirmed on site. Any discrepancies to be reported to the engineer prior to commencement of works.
5. All uncovered and shallow pipework to be protected against construction traffic as part of the contractors temporary works requirements.
6. Cover levels shown are approximate only, subject to the Architect's external works and landscaping scheme.
7. All connections to road gullies and channels shall be 150mm nominal bore pipework.
8. All pipework to be U-PVC type in accordance with WIS 4-35-01 unless otherwise noted.
9. All pipes connecting to adopted manholes up to and including 300mm dia. to be U-PVC.
10. All pipes connecting to adopted manholes greater than 300mm dia. to be Concrete.
11. All pipework entering and exiting manholes to be connected with pipe sockets level.

	Development Boundary
	Self infiltrating Permeable Paving with min. 225mm Type 3 voided stone below
	Permeable Paving with Impermeable Membrane liner within 2.0m of highway boundary
	450mm dia. IC Max Depth 3.0m
	1500mm dia. PCC
	1200mm dia. PCC (Laterals)
	Rodding eye (storm only)
	Surface Water
	Foul Water
	Road Gully
	Denotes under drained swale to be offered for adoption to LCC / Anglian water
	Surface Water Flow Exceedence Routing

A5	Drawing updated to suit new Development Layout, which resulted in updates to the Domestic Drainage and Adoptable Drainage, due to plot relocation.	MC	JD	xx	12.02.21
A4	Storm Drainage revised to suit Southern outflow only. Foul drainage and House's FFL updated.	RZ	OP	DM	27.10.20
A3	Drainage revised to suit inclusion of Plots 41-45, amended development area extents and layout received from Kaplan 12.08.2020.	RZ	DM	JD	05.10.20
A2	Development extents for Phase 1 shown only as requested by Kaplan 02.07.2020.	BM	OP	JD	08.07.20
A1	Issued for Approval.	BM	OP	JD	10.06.20
Rev	Description of updates	Drawn	Checked	App'd	Date
Revision Schedule					

Drawing No. FW1947-D-400-01	Revision: A5
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