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No.	Revision	Date	Drawn

Drainage Strategy

Surface Water:
A flow restriction of 16l/s is proposed based on the existing catchment area of 1700m² and a 30% Betterment of flow.

The proposed impermeable area is 1095m² including 10% Urban Creep. Based on a flow restriction of 16l/s and modeling using Micro Drainage software the attenuation requirement for a peak return period of 1 in 100year plus 45% climate change is **32.87m³**.

Using a Hydrobrake the attenuation for the proposed impermeable area of 1095m² to be provided via attenuation crates measuring 9 x 5 x 0.8m depth.

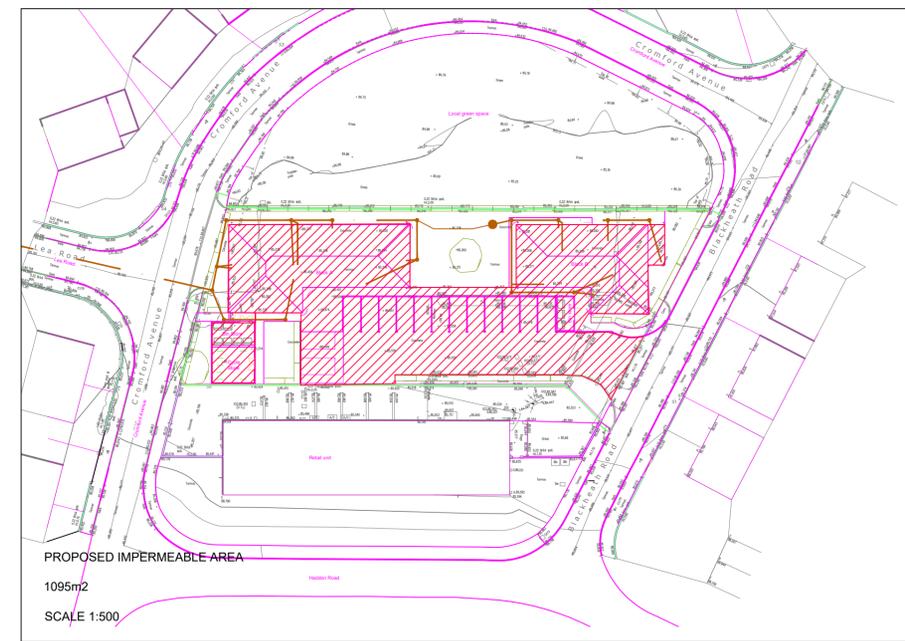
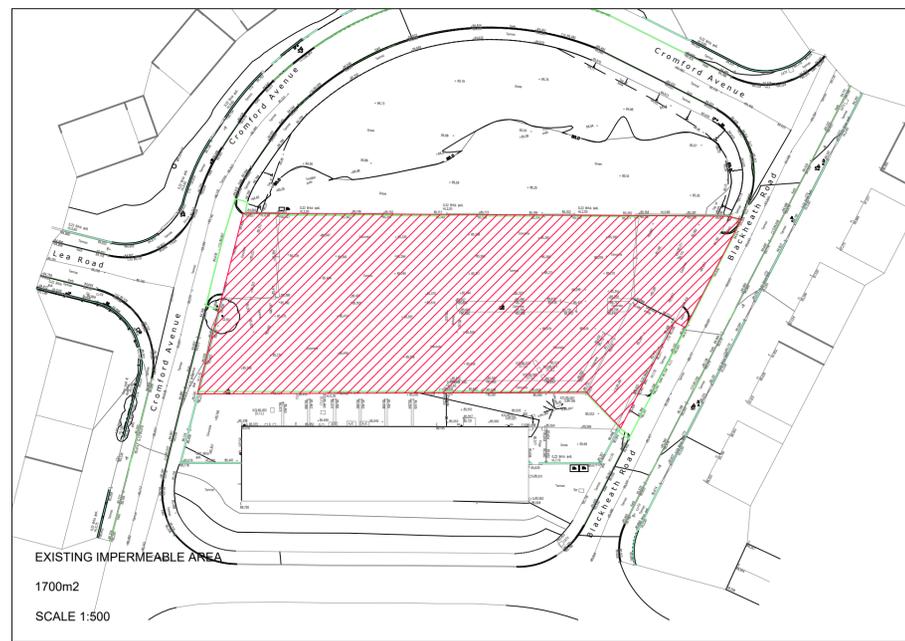
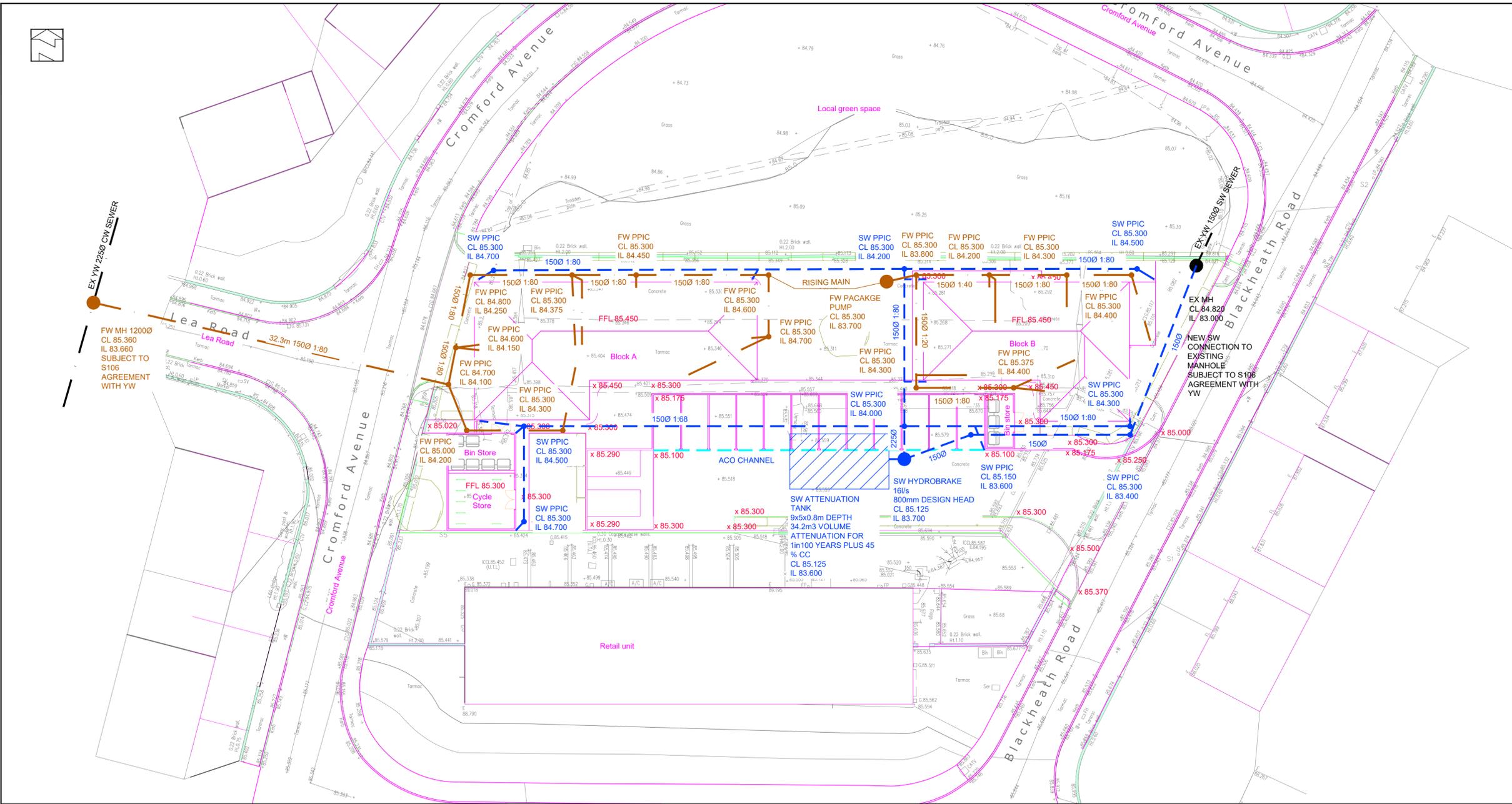
Surface water from the proposed new site will connect into the existing surface sewer crossing site subject to S106 agreement.

Foul Water

Foul Water to connect into the existing YW foul sewer to the west of site subject to S106 agreement.

Maintenance

The site is to remain private and the owners of the site will be responsible for the maintenance and management of the sewers, please see Maintenance Schedule for list of actions to be undertaken.





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CLIENT ALPHA DORA LTD

PROJECT BLACKHEATH ROAD, BARNSELY

DRAWING TITLE PROPOSED DRAINAGE LAYOUT

Drawn	AD	Chkd	RT	Date	June 2025	Scale	1:200
Sheet Size	A1			Drawing No.	25359- DR-C-0100	Revision	P1