Status

No.	Revision	Date	Drwn

Drainage Strategy

Surface Water:

A flow restriction of 16l/s is proposed based ont he exisitng 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

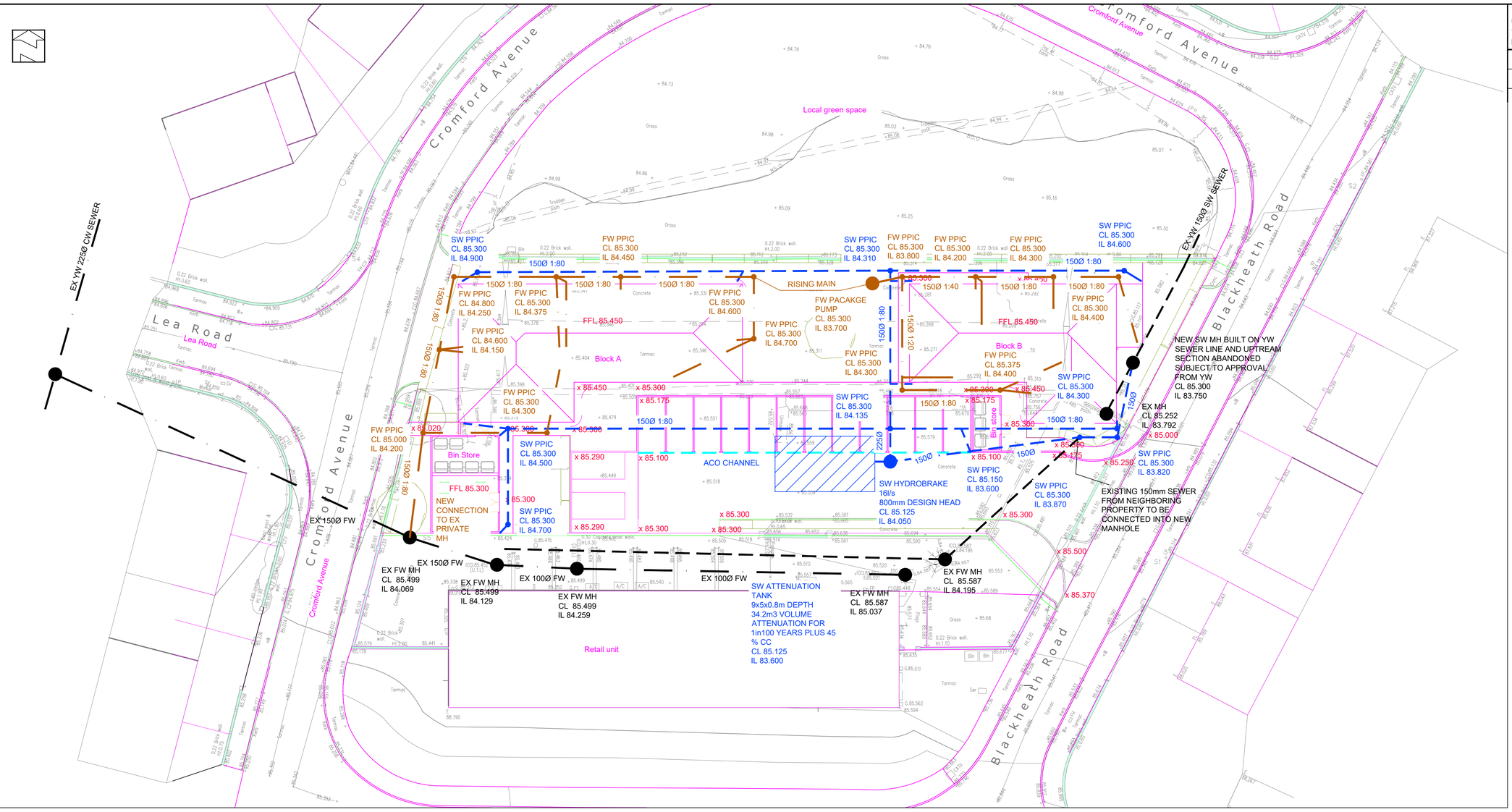
Surface water from the proposed new site will connect into the existing surface sewer crossing site subject to S106 agreement.

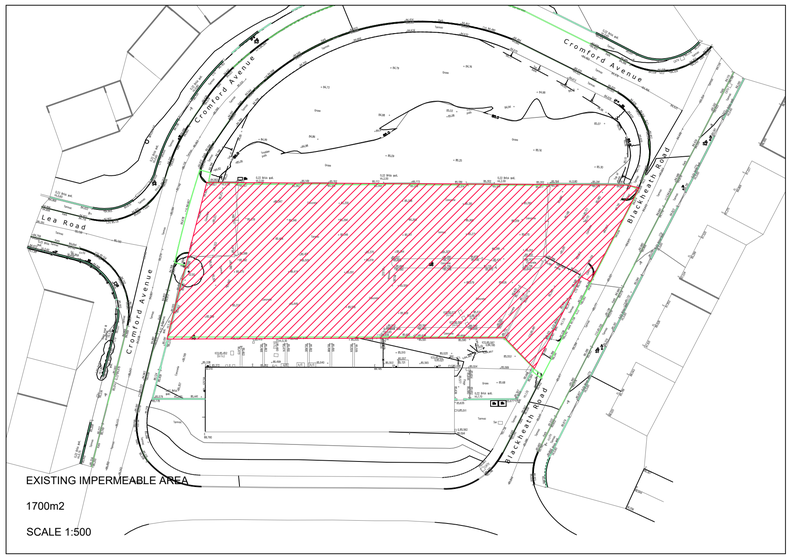
Foul Water

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.

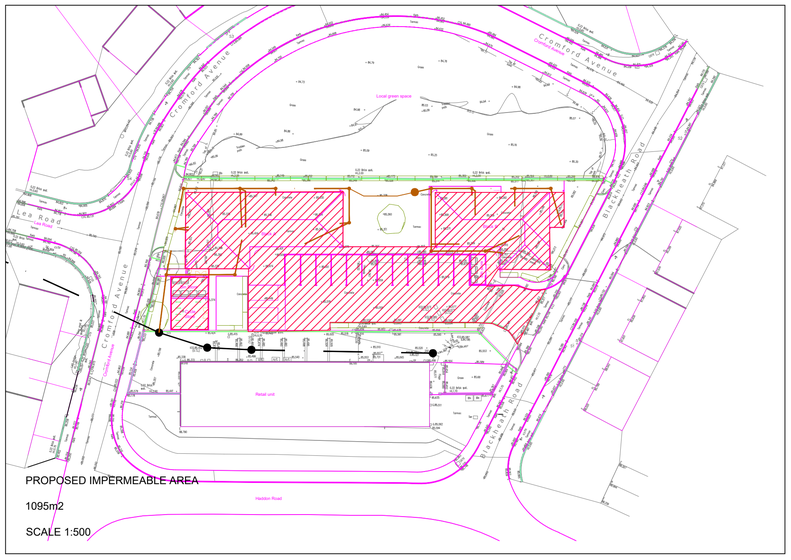




EXISTING IMPERMEABLE AREA

1700m2

SCALE 1:500



PROPOSED IMPERMEABLE AREA

1095m2

SCALE 1:500

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PROJECT
BLACKHEATH ROAD, BARNSLEY

DRAWING TITLE
PROPOSED DRAINAGE LAYOUT

Drawn	Chkd	Date	Scale
AD	RT	June 2025	1:200
Sheet Size	**Drawing No.**		**Revision**
A1	25359- DR-C-0100		P2