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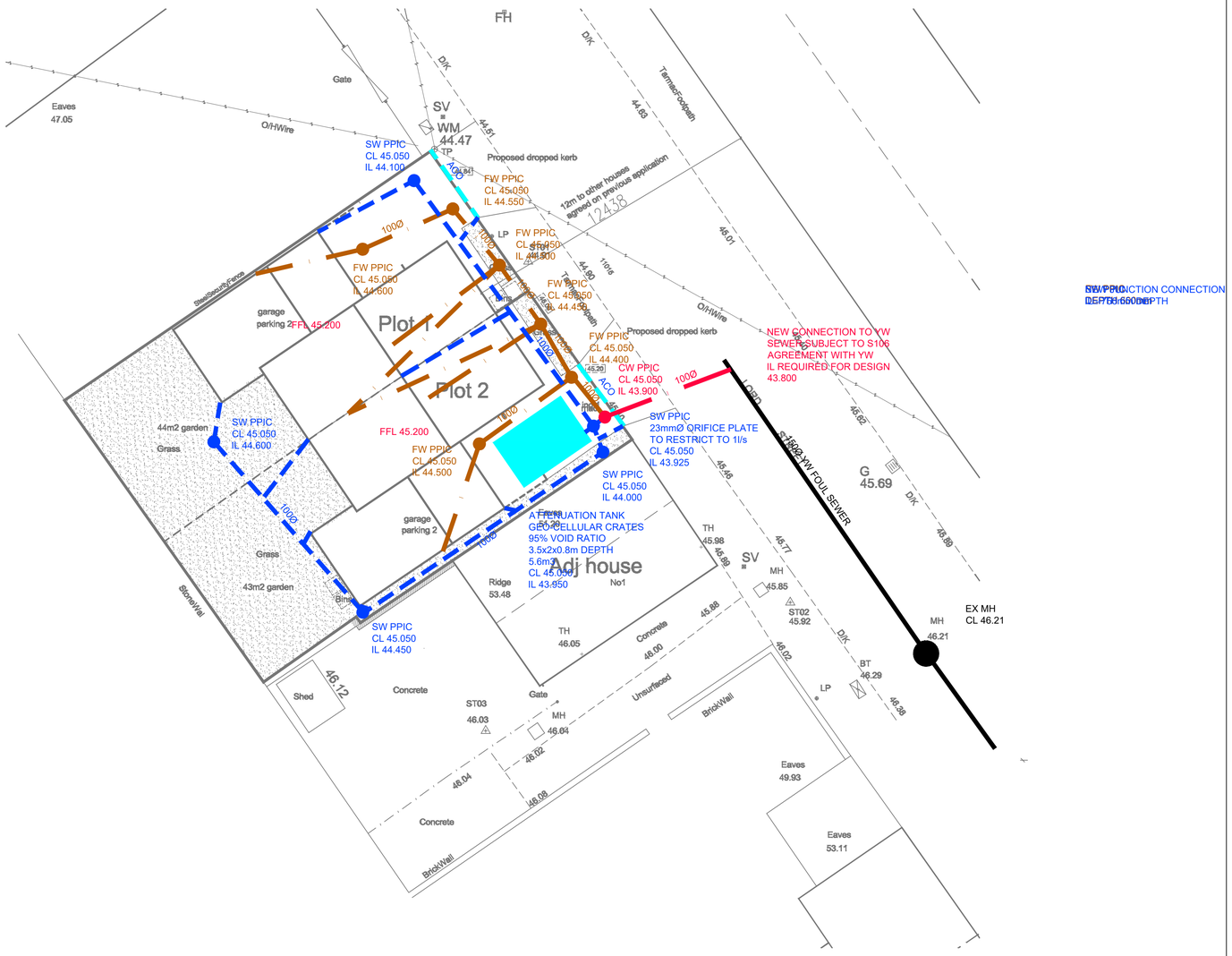
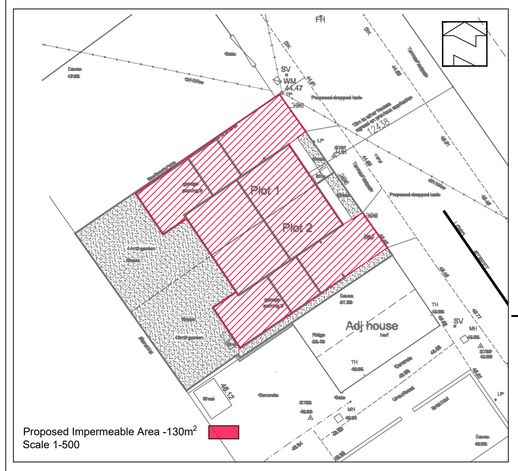
Status: PRELIMINARY

No.	Revision	Date	Drwn





Drainage Strategy

NPPF guidelines require that surface water arising from a developed site should as far as practicable be managed in a sustainable manner to mimic the surface water flows arising from the site prior to development.

Surface Water:

A flow restriction of 1.0l/si is proposed for SW.

The proposed impermeable area is 130m² including 10 % Urban Creep. Based on a flow restriction of 1.0l/s and modeling using Micro Drainage software the attenuation requirement for a peak return period of 1 in 100year plus 45% climate change is **5.6m³.**

Using a Sw package pump the attenuation for the proposed impermeable area of130m² to be provided via attenuation crates measuring 3.5 x 2 x 0.8m depth

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

Foul Water

Foul Water to connect into the existing YW sewer adjacent 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.

Key

- Proposed Surface Water Drainage
- Proposed Foul Water Drainage
- Existing Watercourse / YW Sewer
- Flood Exceedance Routing

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DRAWING TITLE: Drainage Strategy

Drawn	Chkd	Date	Scale
AD	RT	March 25	1/100

Sheet Size	Drawing No.	Revision
A1	25109-DR-C-0100	P1