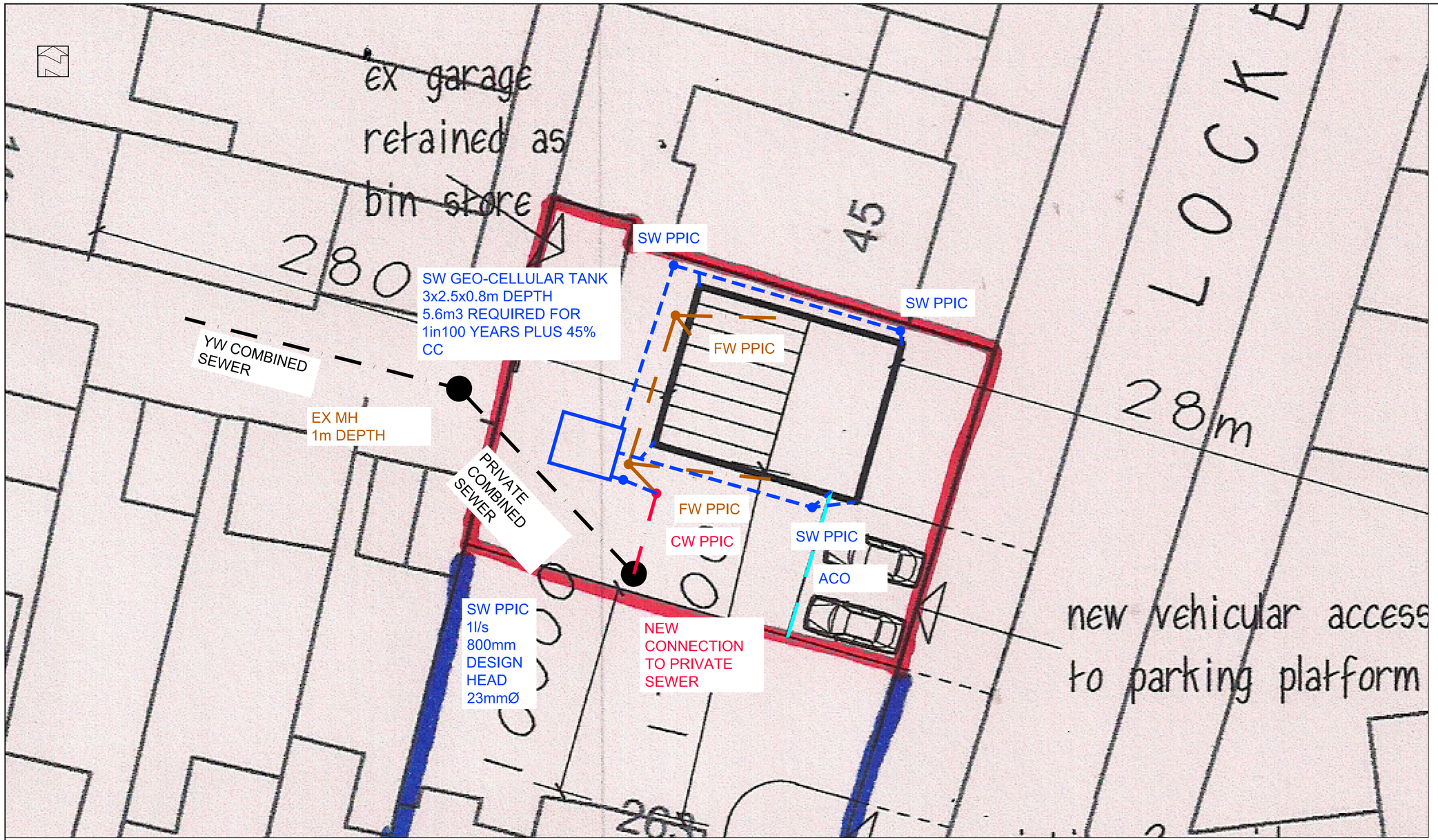
Status: PRELIMINARY

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.

Under the SUDS Hierarchy the first point of discharge is via infiltration. Dart Engineers undertook Percolation Test 10th September 2025 which shows infiltration is not viable. Please refer to Dart Engineers Percolation Report.

The second point of discharge is watercourse, as none are located in the vicinity of site it is proposed for SW to connect to the existing private sewer on site.

Surface Water:

A flow restriction of 1l/s is proposed to ahieve minimum Greenfield run off rate.

The proposed impermeable area is 130m² including 10 % Urban Creep. Based on a flow restriction of 1l/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.**

SW orifice plate will be used to restrcit flow and the attenuation for the proposed impermeable area of 130m² to be provided via attenuation crates measuring 3 x 2.5 x 0.8m depth

Surface water from the proposed new site will connect into the existing provate combined sewer.

Foul Water

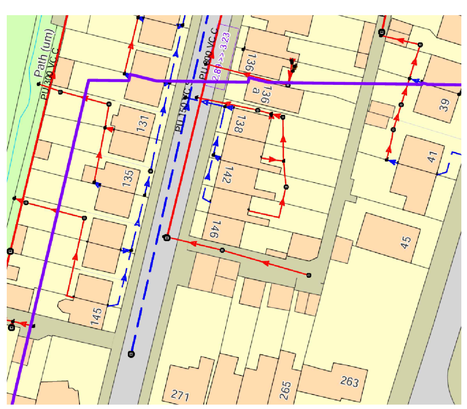
Foul Water to connect into the existing private combined sewer.

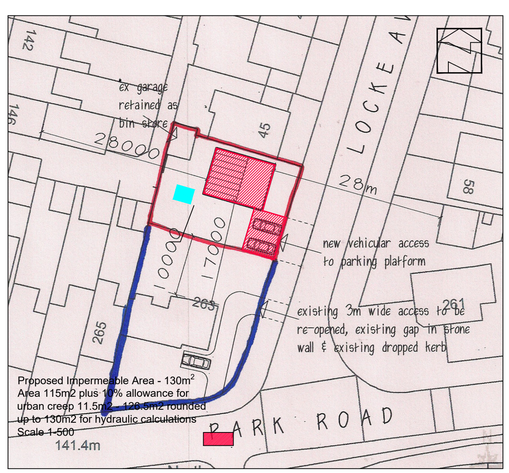
Maintenance

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
- Proposed Combined Water Drainage
- Existing Watercourse / YW Sewer





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DRAWING TITLE: Drainage Strategy

Drawn	Chkd	Date	Scale
AD	RT	Sept 25	1/100

Sheet Size	Drawing No.	Revision
A1	25582-DR-C-0100	P1