

Cannon Brook Flood Alleviation Scheme

Cannon Brook, near Bury Street and Breakspear Road

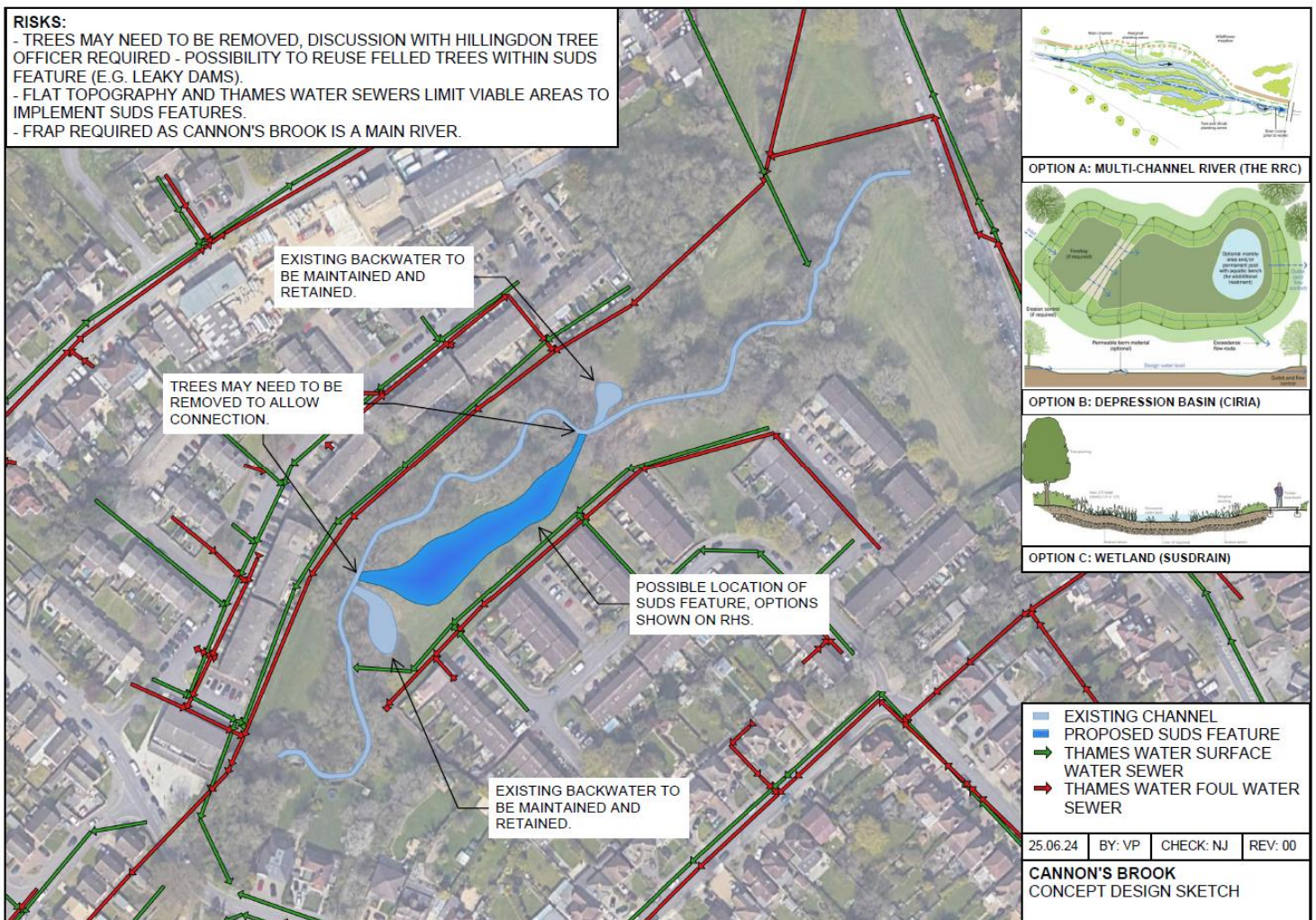
2021 – ongoing

Cannon Brook is a tributary of the River Pinn. The River Pinn is prone to fast, flash flooding and numerous surface water outfalls drain directly into it, causing it to burst its banks in times of high rainfall. Along the banks of both watercourses, invasive species pose a threat to ecological health.

The London Borough of Hillingdon partnered with Thames 21 on a two-year project which aimed to engage the community, reduce flood risk, and increase biodiversity. Sections of the Cannon Brook, a Pinn tributary, was restored to increase water storage on the floodplain and slow the flow.

A further phase of this work is now being investigated with funding from the Environment Agency. The aim of the scheme is to safely store water from the Cannon Brook during flood events. This will reduce the risk to properties downstream in Wallington Close.

The constraints to this project are currently being investigated, including the presence of a Thames Water foul sewer. After these have been better understood, the scheme will progress to outline design.



Options appraisal sketch for Cannon Brook (work in progress). Final designs to be developed in liaison with local community following detailed understanding of constraints