

St Marybourne Infiltration Plan

Appendix A – Work Complete



from
**Southern
Water** 

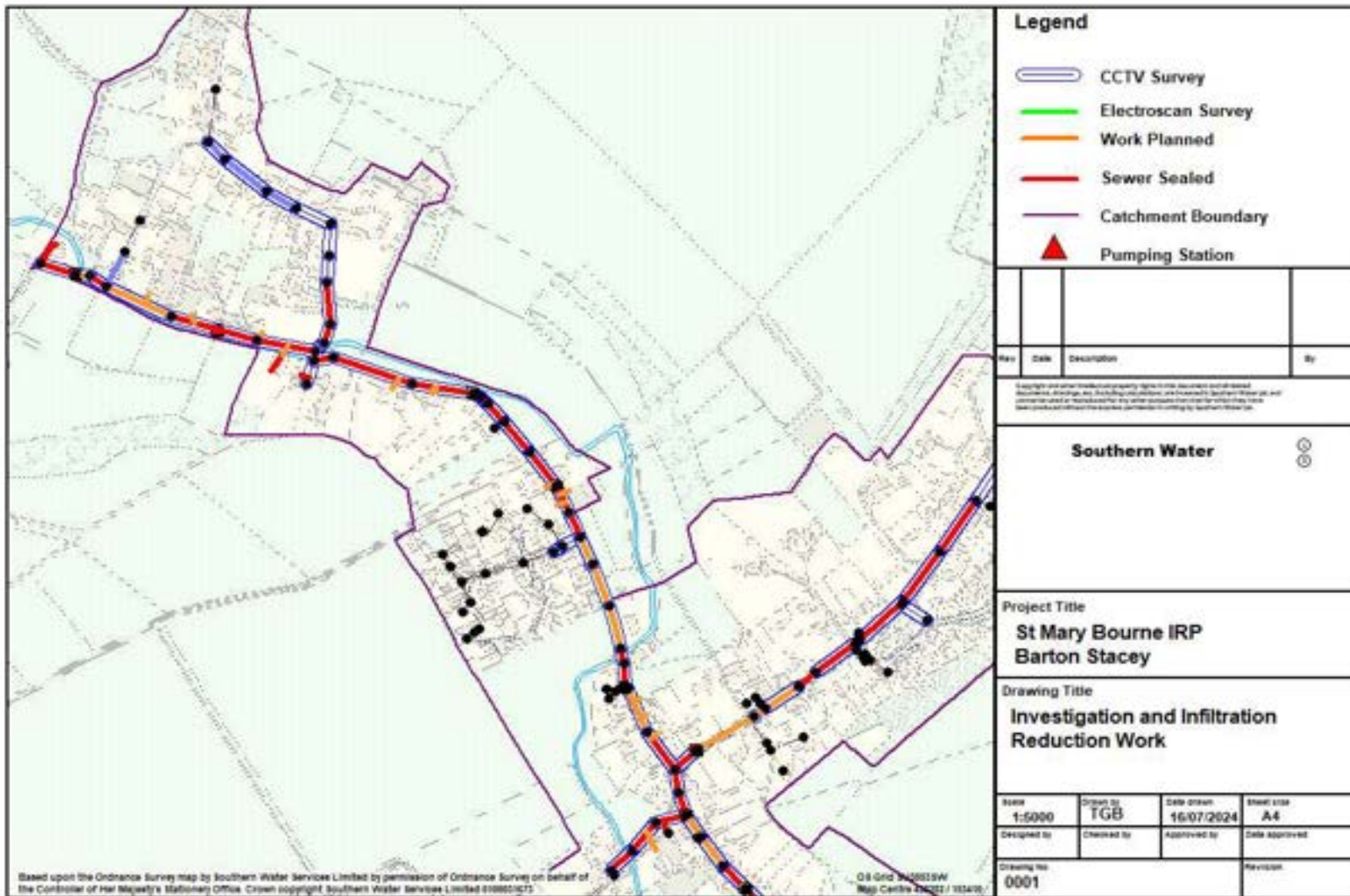
The Southern Water logo graphic consists of three stylized, wavy blue lines of varying lengths, positioned to the right of the text.

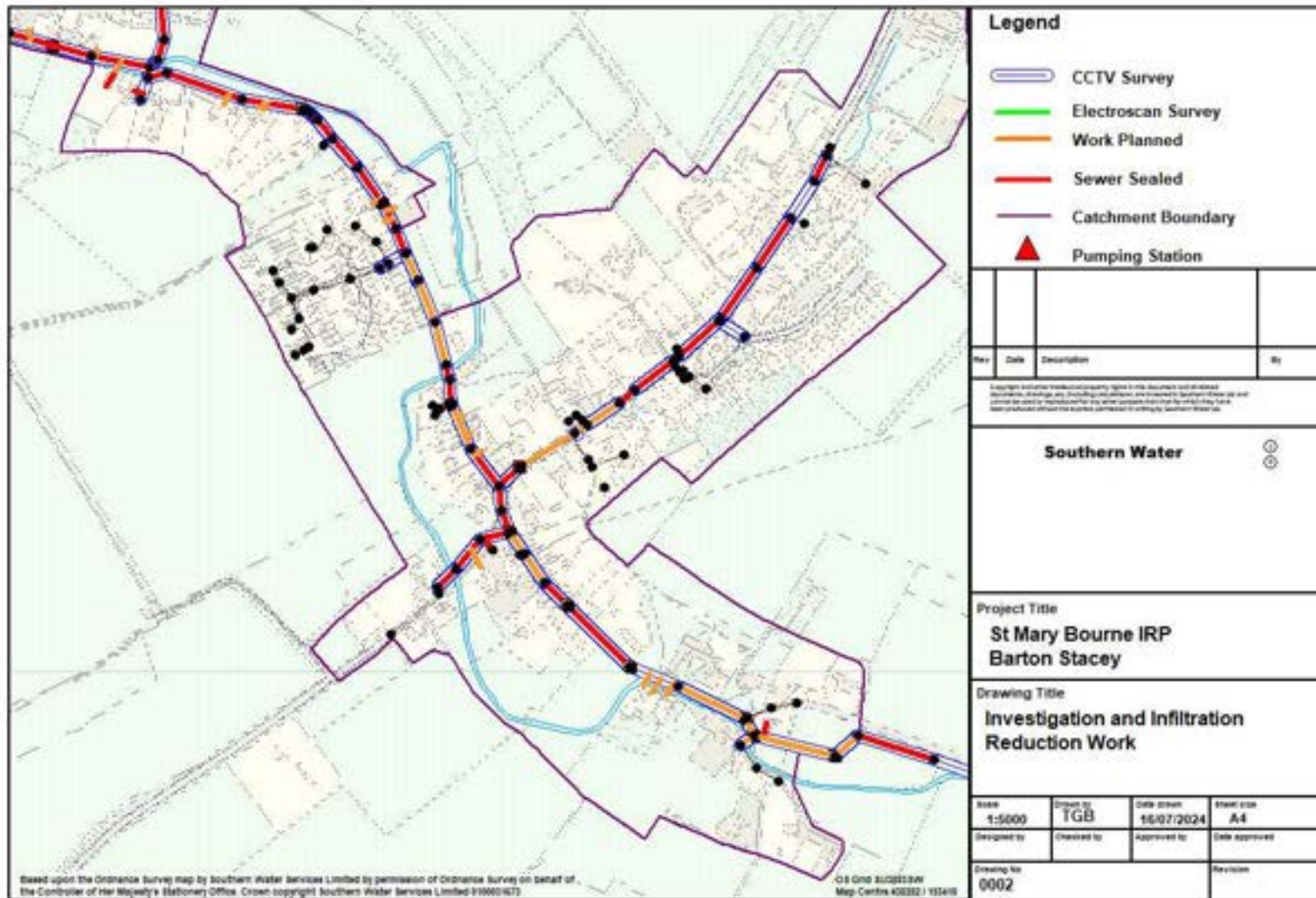
Summary of work completed

Action	Km of sewer
CCTV Length	32.7
Electroscan	5.4
Sewer Length Sealed	14.9
Sewers not requiring sealing	23.2
Manholes Sealed No.	46

Reporting Year	Surveyed (km)	Sewers Sealed (km)	Manholes Sealed
Pre 2013	23.05	10	0
2013	6.9	0.4	19
2014	1.91	0.1	0
2015	0.17	1.3	21
2016	0.51	0.5	6
2017	0.03	0.7	0
2018	0.13	0.3	0
2019	0	0	0
2020	0	0.2	0
2021	5.4	0.1	0
2022	0	1.6	0
2023	0	0	0
2024	0	0	0
TOTAL	32.7	14.9	46



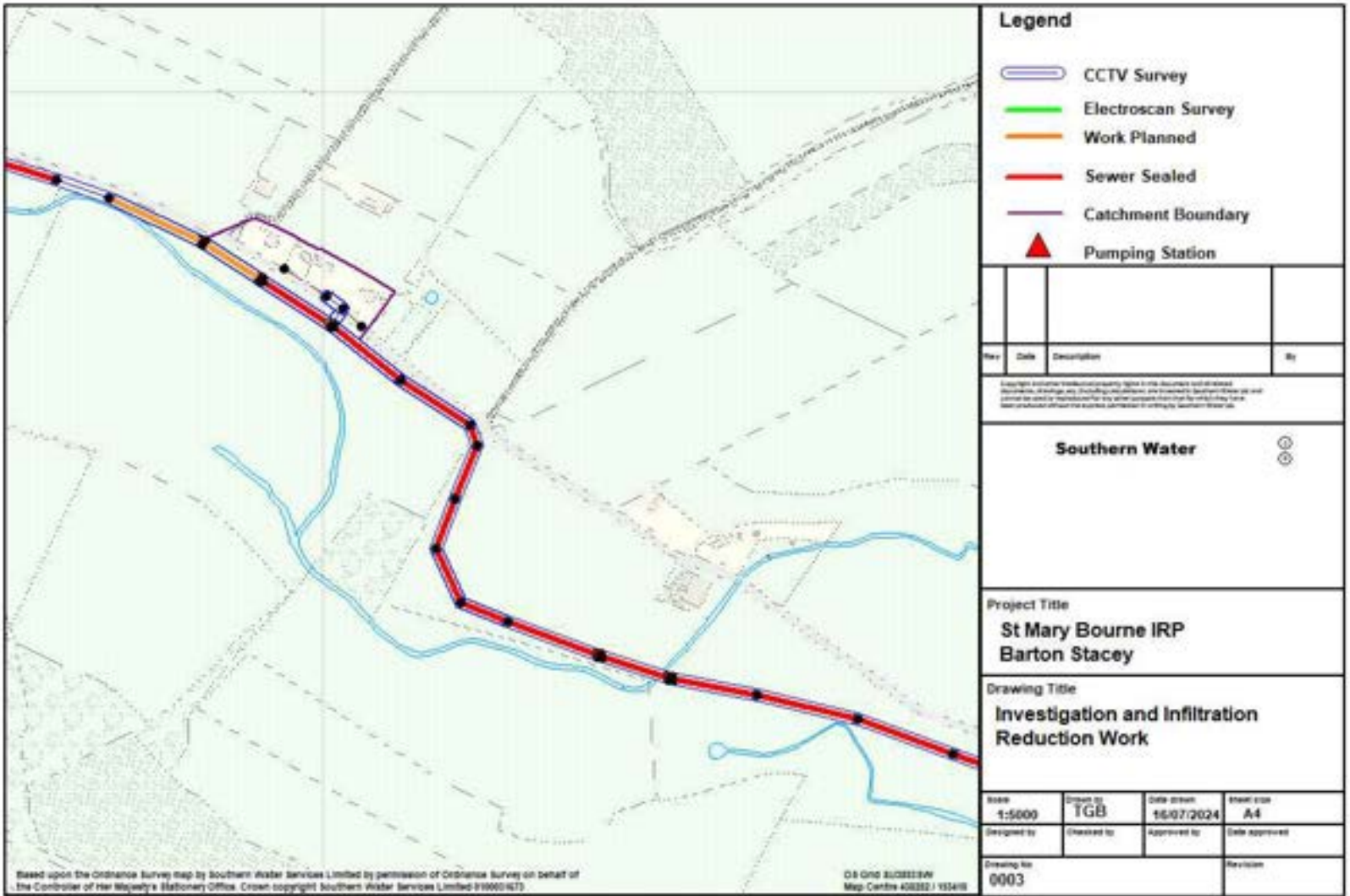




Detailed Plan 2

Note - Sewers shown as surveyed by CCTV or Electroscan with no corresponding sealing work have been determined to not require rehabilitation

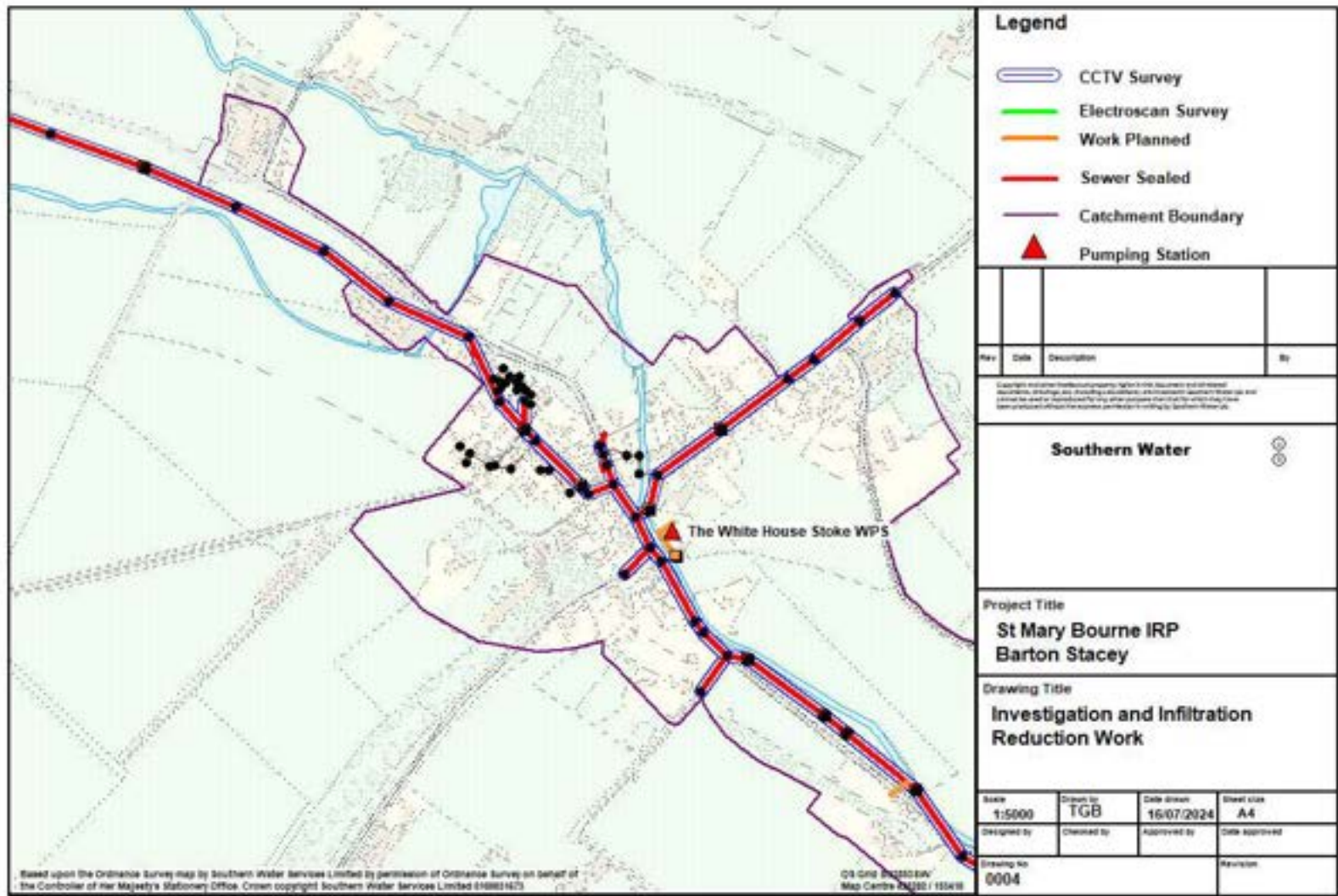




Detailed Plan 3

Note - Sewers shown as surveyed by CCTV or Electroscan with no corresponding sealing work have been determined to not require rehabilitation

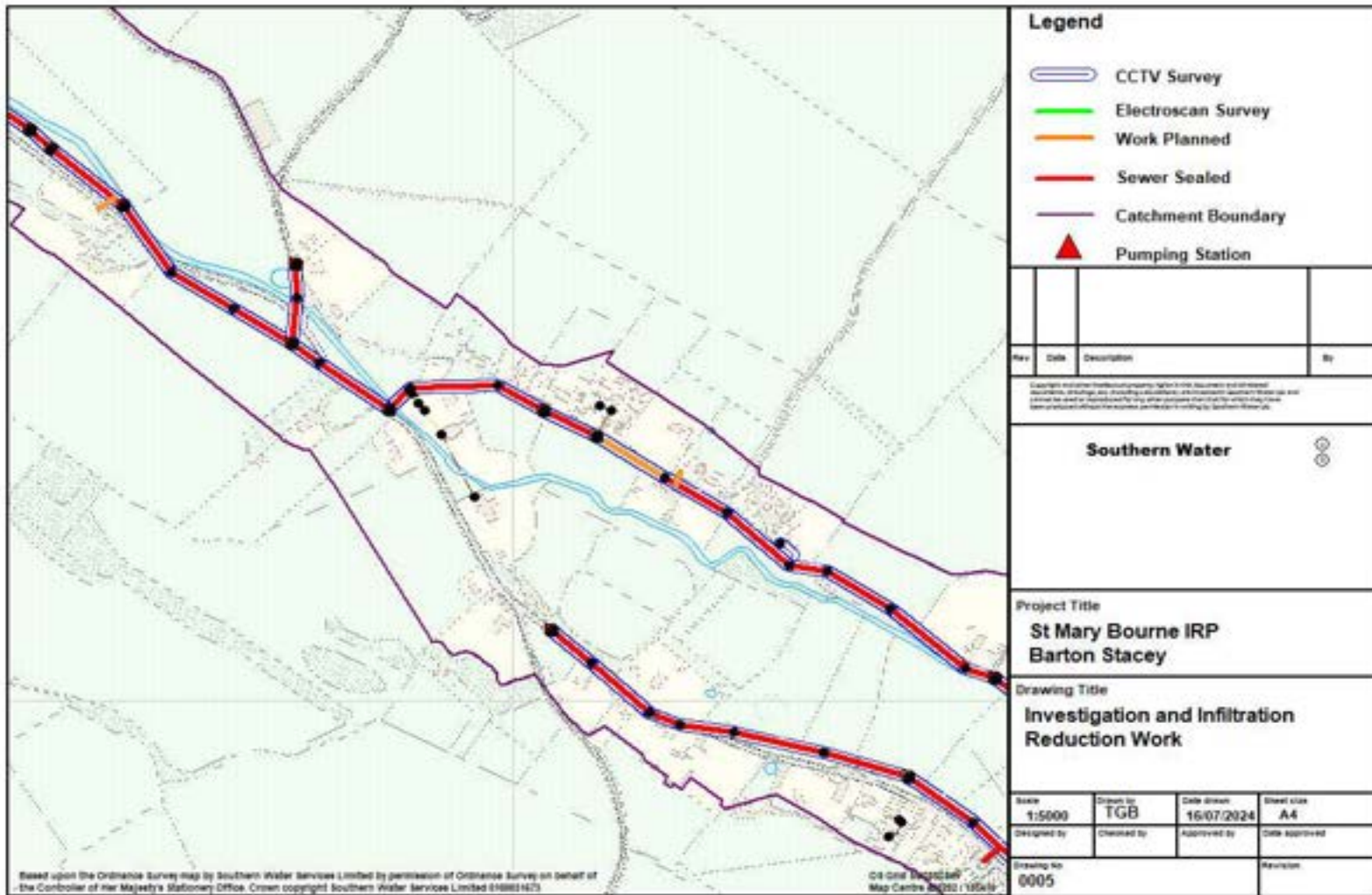




Detailed Plan 4

Note - Sewers shown as surveyed by CCTV or Electroscan with no corresponding sealing work have been determined to not require rehabilitation

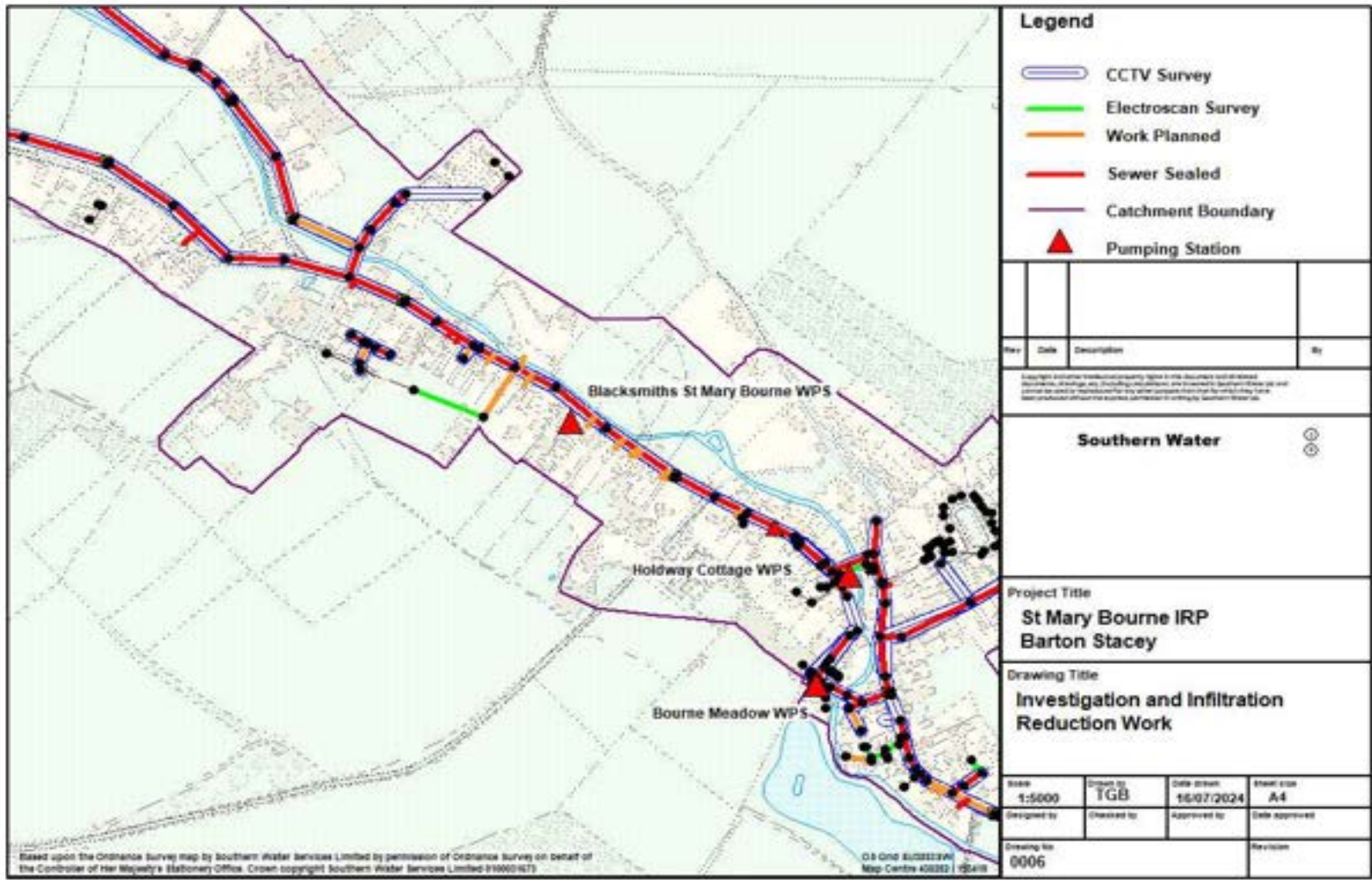




Detailed Plan 5

Note - Sewers shown as surveyed by CCTV or Electroscan with no corresponding sealing work have been determined to not require rehabilitation

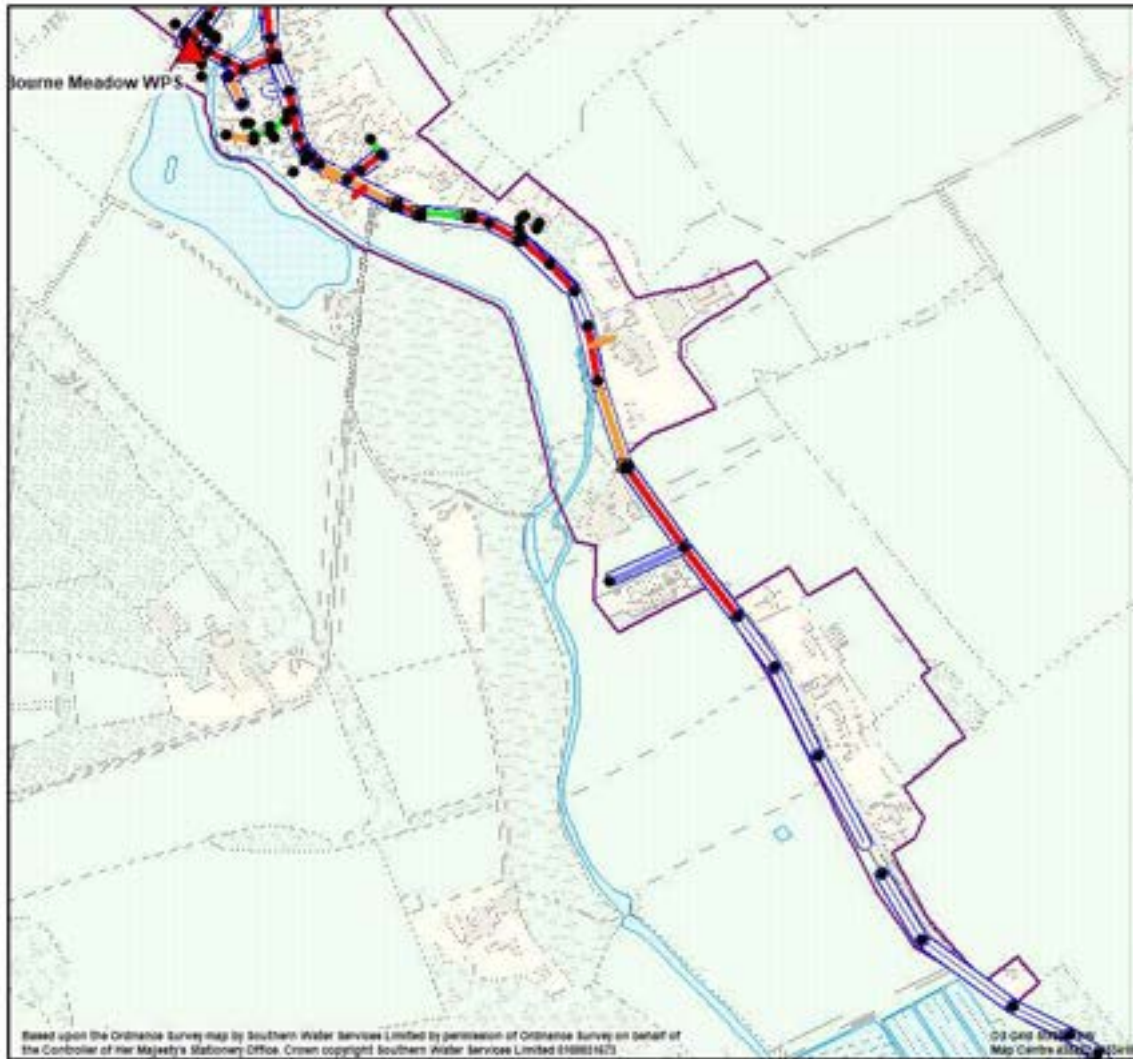




Detailed Plan 6

Note - Sewers shown as surveyed by CCTV or Electroscan with no corresponding sealing work have been determined to not require rehabilitation





Legend

- CCTV Survey
- Electroscan Survey
- Work Planned
- Sewer Sealed
- Catchment Boundary
- Pumping Station

Rev	Date	Description	By

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Southern Water

Project Title
**St Mary Bourne IRP
 Barton Stacey**

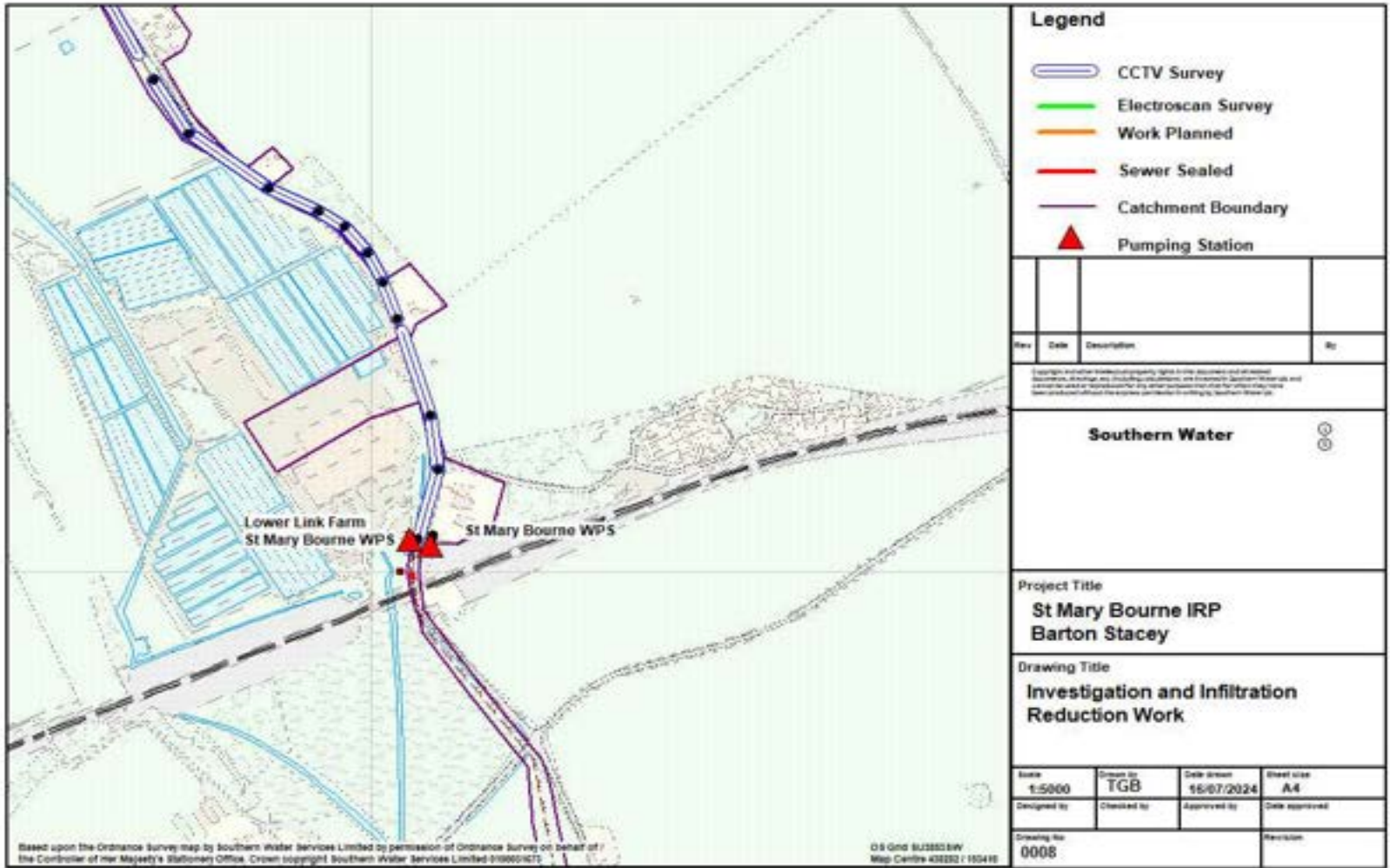
Drawing Title
**Investigation and Infiltration
 Reduction Work**

Scale 1:5000	Drawn by TGB	Date drawn 16/07/2024	Sheet size A4
Designed by	Checked by	Approved by	Date approved
0007			Revision

Detailed Plan 7

Note - Sewers shown as surveyed by CCTV or Electroscan with no corresponding sealing work have been determined to not require rehabilitation





Detailed Plan 8

Note - Sewers shown as surveyed by CCTV or Electroscan with no corresponding sealing work have been determined to not require rehabilitation

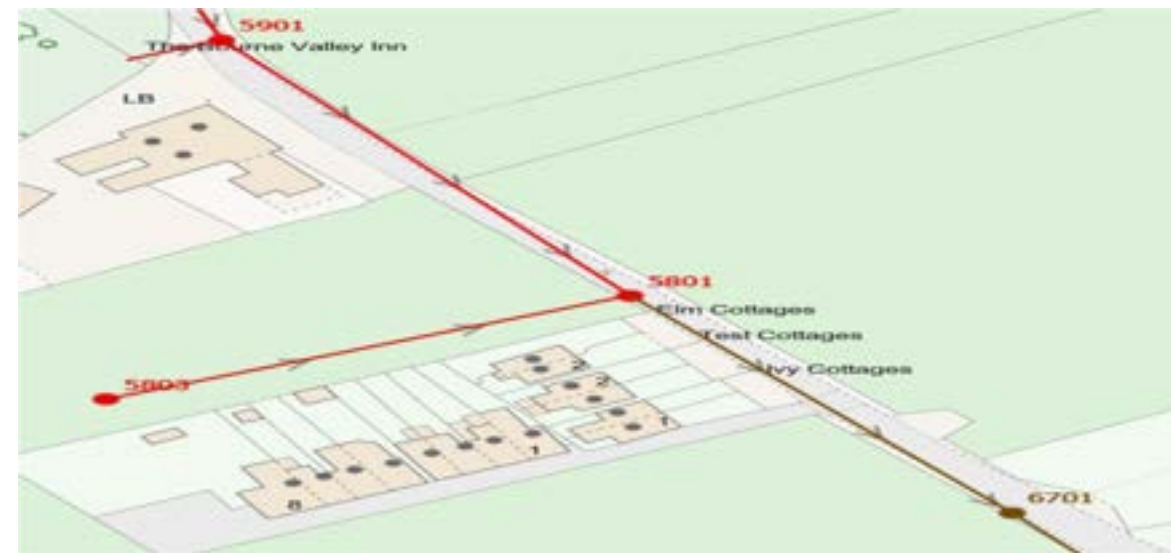


Work to be completed in summer/autumn 2024

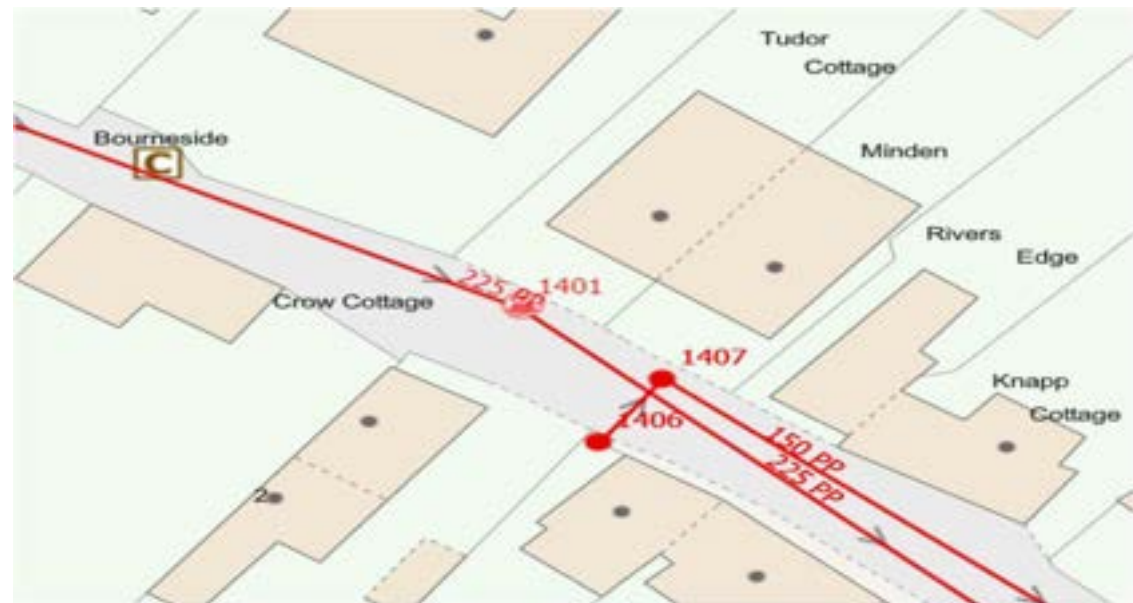
1. Piping through sewer at Gangbridge lane to prevent the seasonal pond entering manhole 7402 – to be completed in September 2024



2. Pipe burst from manhole 5901 to 6701 & relay to remove the belly in the sewer -- to be completed in September 2024



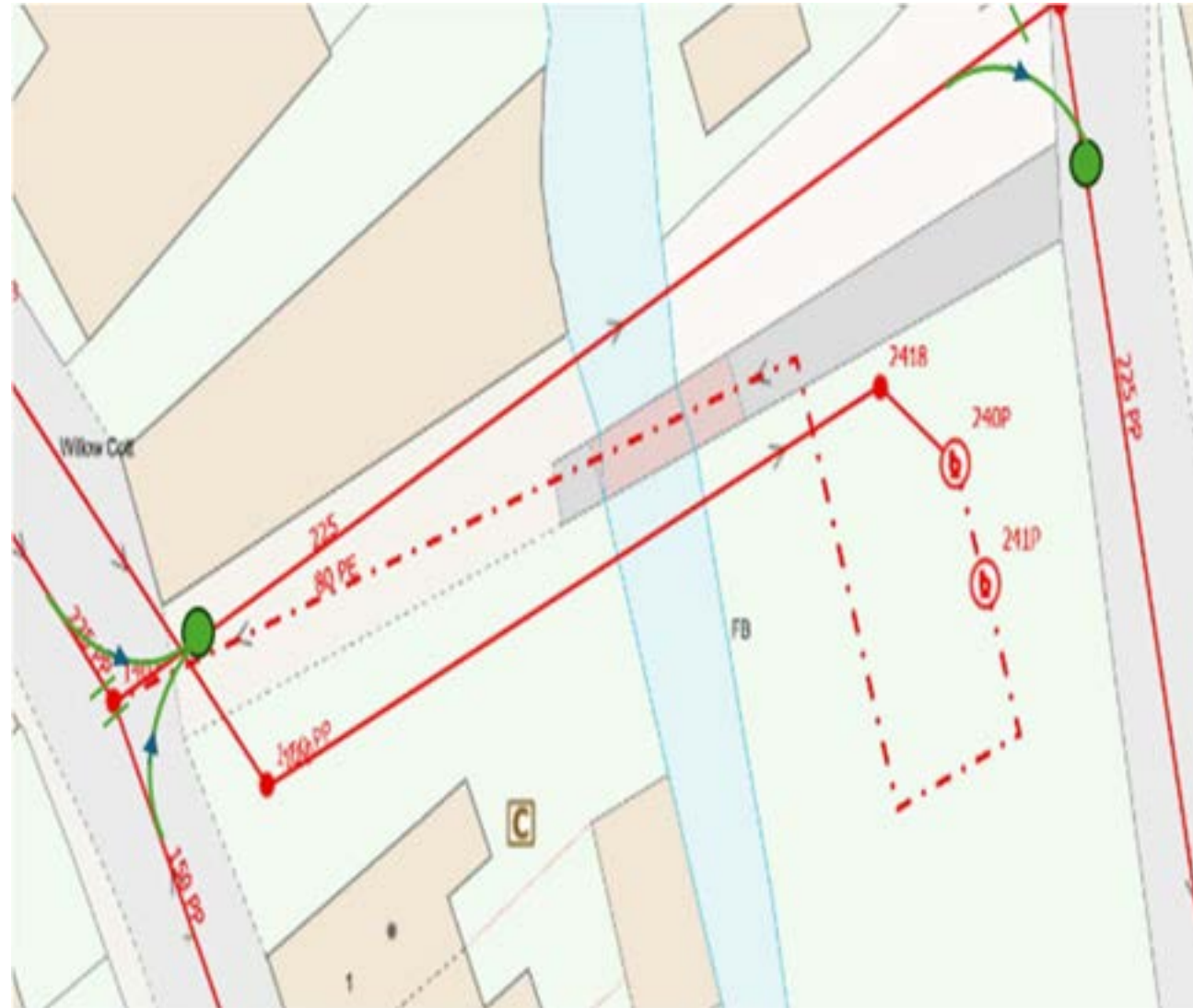
5. Install pumped Anti Flood Device at Applegate, near manhole 2209 – work to be completed Autumn 2024, dependant on power supply.
6. Extend the rising main from Bourneside micro pumping station by 9m to join the 150mm rider sewer at manhole 1407, currently discharges at manhole 1401 – work complete
7. Connect lateral from Knapp Cottage to the 150mm rider sewer, currently connects to 225 mm sewer – work complete



8. Extend the rising main from the micro pumping station in manhole 0503 to join the 150mm rider sewer at manhole 1407 – work to be completed Autumn 2024, dependant on power supply.



11. Install two long radius bends at manhole 1402 and one long radius bend at manhole 2402 to improve conveyance of flows – work to be completed September 2024



12. Residents of Langley Cottage, Hansdale, The Cottage & The House to no longer pump their basements out to the sewer network
13. Install Annular seals to the end of 10 private laterals

