



ALS Sewer Map Key

Public Sewer Types (Operated & Maintained by Thames Water)

- Foul: A sewer designed to convey waste water from domestic and industrial sources to a treatment works.
- Surface Water: A sewer designed to convey surface water (e.g. rain water from roofs, yards and car parks) to ditches or watercourses.
- Combined: A sewer designed to convey both waste water and surface water from domestic and industrial sources to a treatment works.
- Joint
- Trunk Surface Water
- Storm Relief
- Vent Pipe
- Proposed Thames Surface Water Sewer
- Galley
- Surface Water Rising Main
- Sludge Rising Main
- Vacuum
- Trunk Foul
- Trunk Combined
- Bio-solids (Sludge)
- Trade Effluent
- Proposed Thames Water Foul Sewer
- Foul Rising Main
- Combined Rising Main
- Proposed Thames Water Rising Main
- Syphon

Sewer Fittings

A feature in a sewer that does not affect the flow in the pipe. Example: a vent is a fitting as the function of a vent is to release excess gas.

- AV Air Valve
- BS Blind Shaft
- CP Catch Pit
- DC Dam Chase
- DF Double Flushing Tank / Chamber
- SF Single Flushing Tank / Chamber
- HB Hatch Box
- Other specified on plan
- LH Lamp Hole
- LS Lifting Shaft
- ME Meter
- RE Rodding Eye
- VC Vent Column
- VT Vent
- WO Washout

Operational Controls

A feature in a sewer that changes or diverts the flow in the sewer. Example: A hydrobrake limits the flow passing downstream.

- BD Backdrop Manhole
- BV Butterfly Valve
- CL Clough
- DB Dam Board
- DP Drop Pipe
- DS Drop Shaft
- FL Flume
- FV Flap Valve
- HW Headwall
- HY Hydrobrake
- PI Petrol Interceptor
- PS Penstock
- RV Reflux Valve
- ST Step
- SV Sluice Valve
- TA Tank
- WW Weir
- Other specified on plan

End Items

End symbols appear at the start or end of a sewer pipe. Examples: an Undefined End at the start of a sewer indicates that Thames Water has no knowledge of the position of the sewer upstream; of that symbol, Outfall on a surface water sewer indicates that the pipe discharges to a stream or river.

- STW Effluent Discharge
- SA/OSA Soakaway
- Outfall
- Undefined End
- GU Gully
- Inlet

Other Symbols

Symbols used on maps which do not fall under other general categories

- Public Private Pumping Station
- Change of eta atteristic indicator (C.O.C.I.)
- Sewage Treatment Works
- IL Invert Level
- Summit

Areas

Lines denoting areas of underground surveys, etc.

- Building over Case (BOC No.) or Low lying Land (LLL No.)
- Sewage Treatment Works or Pumping Station
- Area under Adoption Agreement
- Drawing Area or chamber
- Area pending Adoption Agreement
- Other Area (specified on plan)
- Survey Area
- Licence Area

Other Sewer Types (Not Operated or Maintained by Thames Water)

- Foul Sewer
- Combined Sewer
- Covered Watercourse
- Status Unknown
- Surface Water Sewer
- Highway Drain
- Proposed
- Abandoned Sewer

Notes:

- 1) All levels associated with the plans are to Ordnance Datum Newlyn.
- 2) All measurements on the plans are metric.
- 3) Arrows (on gravity fed sewers) or flecks (on rising mains) indicate direction of flow.
- 4) For symbols referred to as 'Other' on this key, please see the plan for further information.
- 5) Most private pipes are not shown on our plans, as in the past, this information has not been recorded.

- 6) 9999.00 or 0 on a manhole level indicates that data is unavailable.
- 7) The text appearing alongside a sewer line indicates the internal diameter of the pipe in millimetres. Text next to a manhole indicates the manhole reference number and should not be taken as a measurement. When cover and invert levels appear on a plan they are clearly prefixed by 'CL' and 'IL'. If you are unsure about any text or symbology present on the plan, please contact a member of Property Insight on 0114 925 3564.