

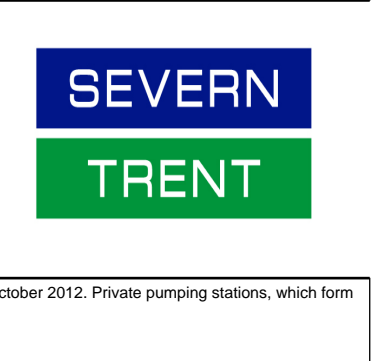


© Crown Copyright and database rights 2011 Ordnance Survey 100019723
Data updated 14/05/21

150mm VC	150mm VC	150mm VC	150mm VC
225mm VC	225mm VC	225mm VC	225mm VC
300mm VC	300mm VC	300mm VC	300mm VC
375mm VC	375mm VC	375mm VC	375mm VC
450mm VC	450mm VC	450mm VC	450mm VC
525mm VC	525mm VC	525mm VC	525mm VC
600mm VC	600mm VC	600mm VC	600mm VC
750mm VC	750mm VC	750mm VC	750mm VC
900mm VC	900mm VC	900mm VC	900mm VC
1200mm VC	1200mm VC	1200mm VC	1200mm VC
1500mm VC	1500mm VC	1500mm VC	1500mm VC
2400mm VC	2400mm VC	2400mm VC	2400mm VC
3000mm VC	3000mm VC	3000mm VC	3000mm VC
3600mm VC	3600mm VC	3600mm VC	3600mm VC
4200mm VC	4200mm VC	4200mm VC	4200mm VC
4800mm VC	4800mm VC	4800mm VC	4800mm VC
5400mm VC	5400mm VC	5400mm VC	5400mm VC
6000mm VC	6000mm VC	6000mm VC	6000mm VC
6600mm VC	6600mm VC	6600mm VC	6600mm VC
7200mm VC	7200mm VC	7200mm VC	7200mm VC
7800mm VC	7800mm VC	7800mm VC	7800mm VC
8400mm VC	8400mm VC	8400mm VC	8400mm VC
9000mm VC	9000mm VC	9000mm VC	9000mm VC
9600mm VC	9600mm VC	9600mm VC	9600mm VC
10200mm VC	10200mm VC	10200mm VC	10200mm VC
10800mm VC	10800mm VC	10800mm VC	10800mm VC
11400mm VC	11400mm VC	11400mm VC	11400mm VC
12000mm VC	12000mm VC	12000mm VC	12000mm VC
12600mm VC	12600mm VC	12600mm VC	12600mm VC
13200mm VC	13200mm VC	13200mm VC	13200mm VC
13800mm VC	13800mm VC	13800mm VC	13800mm VC
14400mm VC	14400mm VC	14400mm VC	14400mm VC
15000mm VC	15000mm VC	15000mm VC	15000mm VC
15600mm VC	15600mm VC	15600mm VC	15600mm VC
16200mm VC	16200mm VC	16200mm VC	16200mm VC
16800mm VC	16800mm VC	16800mm VC	16800mm VC
17400mm VC	17400mm VC	17400mm VC	17400mm VC
18000mm VC	18000mm VC	18000mm VC	18000mm VC
18600mm VC	18600mm VC	18600mm VC	18600mm VC
19200mm VC	19200mm VC	19200mm VC	19200mm VC
19800mm VC	19800mm VC	19800mm VC	19800mm VC
20400mm VC	20400mm VC	20400mm VC	20400mm VC
21000mm VC	21000mm VC	21000mm VC	21000mm VC
21600mm VC	21600mm VC	21600mm VC	21600mm VC
22200mm VC	22200mm VC	22200mm VC	22200mm VC
22800mm VC	22800mm VC	22800mm VC	22800mm VC
23400mm VC	23400mm VC	23400mm VC	23400mm VC
24000mm VC	24000mm VC	24000mm VC	24000mm VC
24600mm VC	24600mm VC	24600mm VC	24600mm VC
25200mm VC	25200mm VC	25200mm VC	25200mm VC
25800mm VC	25800mm VC	25800mm VC	25800mm VC
26400mm VC	26400mm VC	26400mm VC	26400mm VC
27000mm VC	27000mm VC	27000mm VC	27000mm VC
27600mm VC	27600mm VC	27600mm VC	27600mm VC
28200mm VC	28200mm VC	28200mm VC	28200mm VC
28800mm VC	28800mm VC	28800mm VC	28800mm VC
29400mm VC	29400mm VC	29400mm VC	29400mm VC
30000mm VC	30000mm VC	30000mm VC	30000mm VC
30600mm VC	30600mm VC	30600mm VC	30600mm VC
31200mm VC	31200mm VC	31200mm VC	31200mm VC
31800mm VC	31800mm VC	31800mm VC	31800mm VC
32400mm VC	32400mm VC	32400mm VC	32400mm VC
33000mm VC	33000mm VC	33000mm VC	33000mm VC
33600mm VC	33600mm VC	33600mm VC	33600mm VC
34200mm VC	34200mm VC	34200mm VC	34200mm VC
34800mm VC	34800mm VC	34800mm VC	34800mm VC
35400mm VC	35400mm VC	35400mm VC	35400mm VC
36000mm VC	36000mm VC	36000mm VC	36000mm VC
36600mm VC	36600mm VC	36600mm VC	36600mm VC
37200mm VC	37200mm VC	37200mm VC	37200mm VC
37800mm VC	37800mm VC	37800mm VC	37800mm VC
38400mm VC	38400mm VC	38400mm VC	38400mm VC
39000mm VC	39000mm VC	39000mm VC	39000mm VC
39600mm VC	39600mm VC	39600mm VC	39600mm VC
40200mm VC	40200mm VC	40200mm VC	40200mm VC
40800mm VC	40800mm VC	40800mm VC	40800mm VC
41400mm VC	41400mm VC	41400mm VC	41400mm VC
42000mm VC	42000mm VC	42000mm VC	42000mm VC
42600mm VC	42600mm VC	42600mm VC	42600mm VC
43200mm VC	43200mm VC	43200mm VC	43200mm VC
43800mm VC	43800mm VC	43800mm VC	43800mm VC
44400mm VC	44400mm VC	44400mm VC	44400mm VC
45000mm VC	45000mm VC	45000mm VC	45000mm VC
45600mm VC	45600mm VC	45600mm VC	45600mm VC
46200mm VC	46200mm VC	46200mm VC	46200mm VC
46800mm VC	46800mm VC	46800mm VC	46800mm VC
47400mm VC	47400mm VC	47400mm VC	47400mm VC
48000mm VC	48000mm VC	48000mm VC	48000mm VC
48600mm VC	48600mm VC	48600mm VC	48600mm VC
49200mm VC	49200mm VC	49200mm VC	49200mm VC
49800mm VC	49800mm VC	49800mm VC	49800mm VC
50400mm VC	50400mm VC	50400mm VC	50400mm VC
51000mm VC	51000mm VC	51000mm VC	51000mm VC
51600mm VC	51600mm VC	51600mm VC	51600mm VC
52200mm VC	52200mm VC	52200mm VC	52200mm VC
52800mm VC	52800mm VC	52800mm VC	52800mm VC
53400mm VC	53400mm VC	53400mm VC	53400mm VC
54000mm VC	54000mm VC	54000mm VC	54000mm VC
54600mm VC	54600mm VC	54600mm VC	54600mm VC
55200mm VC	55200mm VC	55200mm VC	55200mm VC
55800mm VC	55800mm VC	55800mm VC	55800mm VC
56400mm VC	56400mm VC	56400mm VC	56400mm VC
57000mm VC	57000mm VC	57000mm VC	57000mm VC
57600mm VC	57600mm VC	57600mm VC	57600mm VC
58200mm VC	58200mm VC	58200mm VC	58200mm VC
58800mm VC	58800mm VC	58800mm VC	58800mm VC
59400mm VC	59400mm VC	59400mm VC	59400mm VC
60000mm VC	60000mm VC	60000mm VC	60000mm VC

www.cooper@360environmental.co.uk
Morris Recycling

Scale: 1:1250
Date: 01/08/21
Map Centre: 100019723



This plan and any information supplied with it is intended as a general guide only and is not to be relied upon in the event of any development or works including but not limited to excavating in the vicinity of SEVERN TRENT WATER assets or for the purposes of determining the suitability of a point of connection to the sewerage or distribution system. On 1 October 2011 final private sewers and public sewer drains in Severn Trent Water's sewerage area, which were connected to a public sewer as at 1 July 2011, transferred to the ownership of Severn Trent Water and became public sewers and public sewer drains. A further transfer takes place on 1 October 2012. Private pumping stations, which form part of these sewers or sewer drains, will transfer to ownership of Severn Trent Water on or before 1 October 2016. Severn Trent Water does not possess complete records of these assets. These assets may not be displayed on the map. Reproduction by permission of Ordnance Survey on behalf of HMSO. © Crown Copyright and database rights 2004. All rights reserved. Ordnance Survey license number: 100019723. Document users other than SEVERN TRENT WATER business users are advised that this document is provided for reference purposes only and is subject to copyright. Therefore, no further copies should be made from it.

GENERAL CONDITIONS AND PRECAUTIONS TO BE TAKEN WHEN CARRYING OUT WORK ADJACENT TO SEVERN TRENT WATER'S APPARATUS

Please ensure that a copy of these conditions is passed to your representative and/or your contractor on site. If any damage is caused to Severn Trent Water Limited (STW) apparatus (defined below), the person, contractor or subcontractor responsible must inform STW immediately on: **0800 783 4444 (24 hours)**

- a) These general conditions and precautions apply to the public sewerage, water distribution and cables in ducts including (but not limited to) sewers which are the subject of an Agreement under Section 104 of the Water Industry Act 1991(a legal agreement between a developer and STW, where a developer agrees to build sewers to an agreed standard, which STW will then adopt); mains installed in accordance with an agreement for the self-construction of water mains entered into with STW and the assets described at condition b) of these general conditions and precautions. Such apparatus is referred to as 'STW Apparatus' in these general conditions and precautions.
- b) Please be aware that due to The Private Sewers Transfer Regulations June 2011, the number of public sewers has increased, but many of these are not shown on the public sewer record. However, some idea of their positions may be obtained from the position of inspection covers and their existence must be anticipated.
- c) On request, STW will issue a copy of the plan showing the approximate locations of STW Apparatus although in certain instances a charge will be made. The position of private drains, private sewers and water service pipes to properties are not normally shown but their presence must be anticipated. This plan and the information supplied with it is furnished as a general guide only and STW does not guarantee its accuracy.
- d) STW does not update these plans on a regular basis. Therefore the position and depth of STW Apparatus may change and this plan is issued subject to any such change. Before any works are carried out, you should confirm whether any changes to the plan have been made since it was issued.
- e) The plan must not be relied upon in the event of excavations or other works in the vicinity of STW Apparatus. It is your responsibility to ascertain the precise location of any STW Apparatus prior to undertaking any development or other works (including but not limited to excavations).
- f) No person or company shall be relieved from liability for loss and/or damage caused to STW Apparatus by reason of the actual position and/or depths of STW Apparatus being different from those shown on the plan.

In order to achieve safe working conditions adjacent to any STW Apparatus the following should be observed:

1. All STW Apparatus should be located by hand digging prior to the use of mechanical excavators.
2. All information set out in any plans received from us, or given by our staff at the site of the works, about the position and depth of the mains, is approximate. Every possible precaution should be taken to avoid damage to STW Apparatus. You or your contractor must ensure the safety of STW Apparatus and will be responsible for the cost of repairing any loss and/or damage caused (including without limitation replacement parts).
3. Water mains are normally laid at a depth of 900mm. No records are kept of customer service pipes which are normally laid at a depth of 750mm; but some idea of their positions may be obtained from the position of stop tap covers and their existence must be anticipated.
4. During construction work, where heavy plant will cross the line of STW Apparatus, specific crossing points must be agreed with STW and suitably reinforced where required. These crossing points should be clearly marked and crossing of the line of STW Apparatus at other locations must be prevented.
5. Where it is proposed to carry out piling or boring within 20 metres of any STW Apparatus, STW should be consulted to enable any affected STW Apparatus to be surveyed prior to the works commencing.
6. Where excavation of trenches adjacent to any STW Apparatus affects its support, the STW Apparatus must be supported to the satisfaction of STW. Water mains and some sewers are pressurised and can fail if excavation removes support to thrust blocks to bends and other fittings.
7. Where a trench is excavated crossing or parallel to the line of any STW Apparatus, the backfill should be adequately compacted to prevent any settlement which could subsequently cause damage to the STW Apparatus. In special cases, it may be necessary to provide permanent support to STW Apparatus which has been exposed over a length of the excavation before backfilling and reinstatement is carried out. There should be no concrete backfill in contact with the STW Apparatus.
8. No other apparatus should be laid along the line of STW Apparatus irrespective of clearance. Above ground apparatus must not be located within a minimum of 3 metres either side of the centre line of STW Apparatus for smaller sized pipes and 6 metres either side for larger sized pipes without prior approval. No manhole or chamber shall be built over or around any STW Apparatus.
9. A minimum radial clearance of 300 millimetres should be allowed between any plant or equipment being installed and existing STW Apparatus. We reserve the right to increase this distance where strategic assets are affected.
10. Where any STW Apparatus coated with a special wrapping is damaged, even to a minor extent, STW must be notified and the trench left open until the damage has been inspected and the necessary repairs have been carried out. In the case of any material damage to any STW Apparatus causing leakage, weakening of the mechanical strength of the pipe or corrosion-protection damage, the necessary remedial work will be recharged to you.
11. It may be necessary to adjust the finished level of any surface boxes which may fall within your proposed construction. Please ensure that these are not damaged, buried or otherwise rendered inaccessible as a result of the works and that all stop taps, valves, hydrants, etc. remain accessible and operable. Minor reduction in existing levels may result in conflict with STW Apparatus such as valve spindles or tops of hydrants housed under the surface boxes. Checks should be made during site investigations to ascertain the level of such STW Apparatus in order to determine any necessary alterations in advance of the works.
12. With regard to any proposed resurfacing works, you are required to contact STW on the number given above to arrange a site inspection to establish the condition of any STW Apparatus in the nature of surface boxes or manhole covers and frames affected by the works. STW will then advise on any measures to be taken, in the event of this a proportionate charge will be made.
13. You are advised that STW will not agree to either the erection of posts, directly over or within 1.0 metre of valves and hydrants.
14. No explosives are to be used in the vicinity of any STW Apparatus without prior consultation with STW.

TREE PLANTING RESTRICTIONS

There are many problems with the location of trees adjacent to sewers, water mains and other STW Apparatus and these can lead to the loss of trees and hence amenity to the area which many people may have become used to. It is best if the problem is not created in the first place. Set out below are the recommendations for tree planting in close proximity to public sewers, water mains and other STW Apparatus.

15. Please ensure that, in relation to STW Apparatus, the mature root systems and canopies of any tree planted do not and will not encroach within the recommended distances specified in the notes below.
16. Both Poplar and Willow trees have extensive root systems and should not be planted within 12 metres of a sewer, water main or other STW Apparatus.
17. The following trees and those of similar size, be they deciduous or evergreen, should not be planted within 6 metres of a sewer, water main or other STW Apparatus. E.g. Ash, Beech, Birch, most Conifers, Elm, Horse Chestnut, Lime, Oak, Sycamore, Apple and Pear. Asset Protection Statements Updated May 2014
18. STW personnel require a clear path to conduct surveys etc. No shrubs or bushes should be planted within 2 metre of the centre line of a sewer, water main or other STW Apparatus.
19. In certain circumstances, both STW and landowners may wish to plant shrubs/bushes in close proximity to a sewer, water main of other STW Apparatus for screening purposes. The following are shallow rooting and are suitable for this purpose: Blackthorn, Broom, Cotoneaster, Elder, Hazel, Laurel, Privet, Quickthorn, Snowberry, and most ornamental flowering shrubs.

