

**NOTES**

- DO NOT SCALE THIS DRAWING. WORK TO FIGURES AND ELEVATIONS ONLY. ALL DIMENSIONS ARE IN MILLIMETRES (mm) UNLESS NOTED OTHERWISE.
- This drawing is to be read in conjunction with all relevant Architect's, Engineer's and Specialist's drawings and their respective Specifications.
- All works to comply with the relevant British Standard and Codes of Practice and the Building Regulations.
- Any discrepancies between all working drawings, specifications and schedules of all disciplines to this drawing shall be referred to CTP for clarifications and/or the contractor's confirmation of relevance.
- All private drainage works shall be constructed in accordance with Building Regulations Approved Document H (rated edition) and BS EN 752.
- Prior to commencement of the works the contractor shall liaise with all relevant authorities to obtain their requirements, work method approval when appropriate and the intended choice of materials.
- Refer to topographical survey for details of existing site conditions and bench marks.
- Prior to commencement of the works the contractor shall liaise with all relevant authorities to locate, protect and where necessary divert all existing services affected by the works.
- The contractor shall ensure the stability of all excavations is maintained all times and all excavations shall be kept free of soil and debris.
- All works in or near the highway shall be in accordance with the requirements of the Highway Authority. The contractor shall obtain all necessary licences required to carry out the works.
- All works to new or existing public sewers shall be to the approval of the local water authority and in accordance with Sewerage Sector Guidance - Latest Edition.
- Prior to commencement of the works all drainage outfall points, whether existing sewer, drain or watercourse, shall be verified on site by the contractor and the outfall to be found to be the correct one, other than shown on the drawings, then the design engineer shall be notified immediately (significant redesign of drainage on-site) the contractor shall install all off-site drainage connections, or satisfy highway authority that no obstructions or other issues with the drainage system can not be resolved.
- All cover levels shown on this drawing are approximate, exact levels of new covers and frames are to be determined on site to match level and profile of finished surface.
- The locations of all existing chambers, gullies and their covers, gratings and frames to be improved, repaired or replaced as necessary to suit their location within the finished development.
- All covers, gratings and frames to chambers, gullies, channels etc., shall be to the correct class to suit the location.

Load Class B125- Private drives  
Load Class C250- Basements / parking bays / lightly trafficked roads  
Load Class D400- Main roads

16. All existing drainage channels, pipes and other drainage apparatus shall be protected from damage during the works. The contractor shall take all necessary measures to ensure that no material enters the drains (other than that which is required to carry out the work).

17. Refer to site investigation report for existing ground conditions and any special requirements for buried concrete (special requirements for buried concrete shall include all pre-cast and in-situ concrete and mortars). Where appropriate refer to CTP's technical note on concrete.

18. All pre-cast and in-situ concrete and mortars used in the construction of foul drains and sewers shall be made from sulphate resisting cement.

19. Unless noted otherwise all pipework shall be constructed from 'super strength' pipes to BS 65, BS EN 295 or UPVC to BS EN 1401 bedded and backfilled as per the manufacturer's recommendations and the above listed publications.

20. The contractor's attention is drawn to section 7 and 8 of the Building Regulations Approved Document H showing details of drains to be laid and backfilled in accordance with the manufacturer's/supplier's recommendations.

21. Exact location of gullies to be determined on site to suit low points, the contractor shall ensure that all finished surfaces are laid to falls that are sufficient for all drainage to run without obstruction.

22. For the exact location of soil pipes, stubstacks, W.C.'s and other drainage connections refer to the large scale architectural building plans.

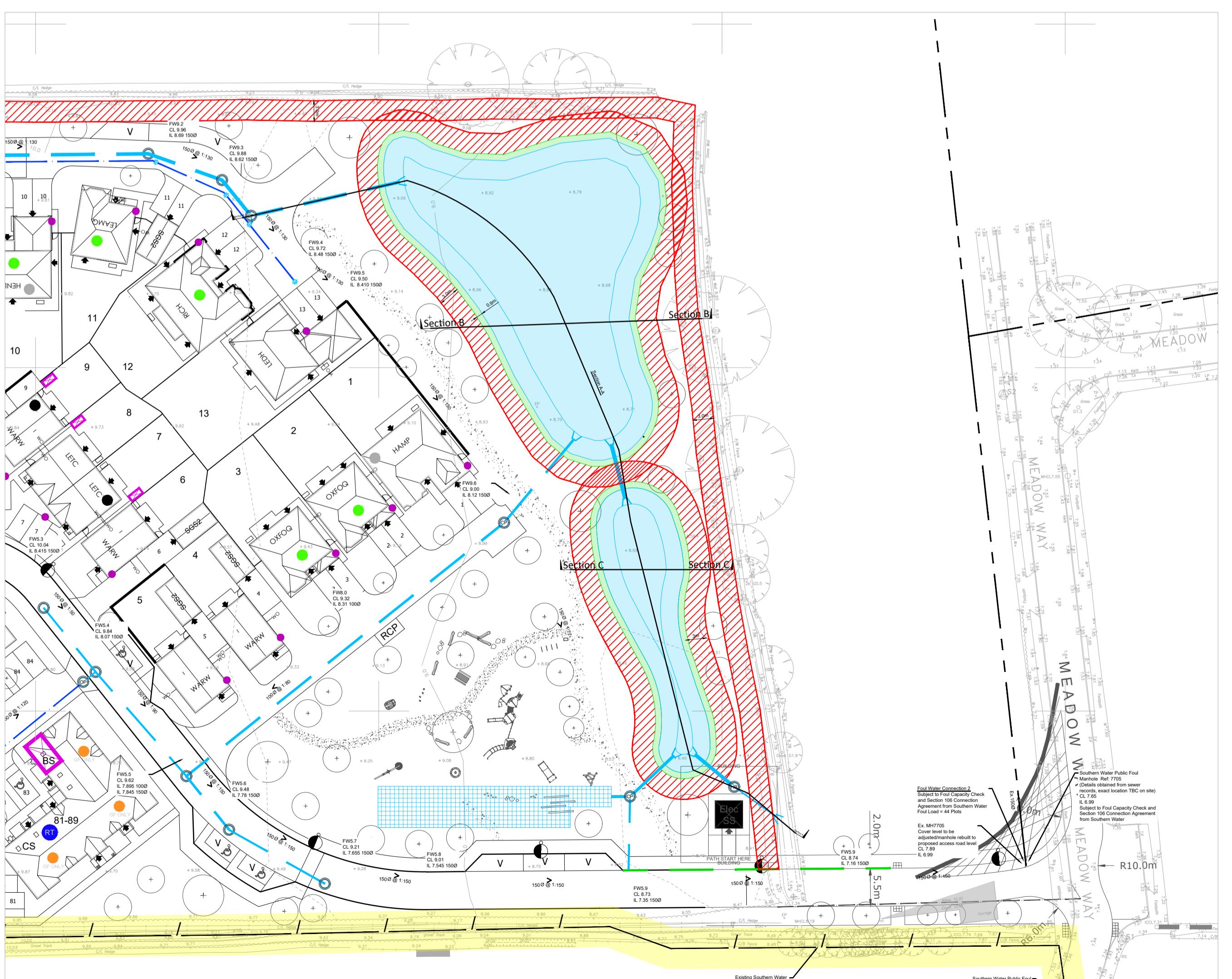
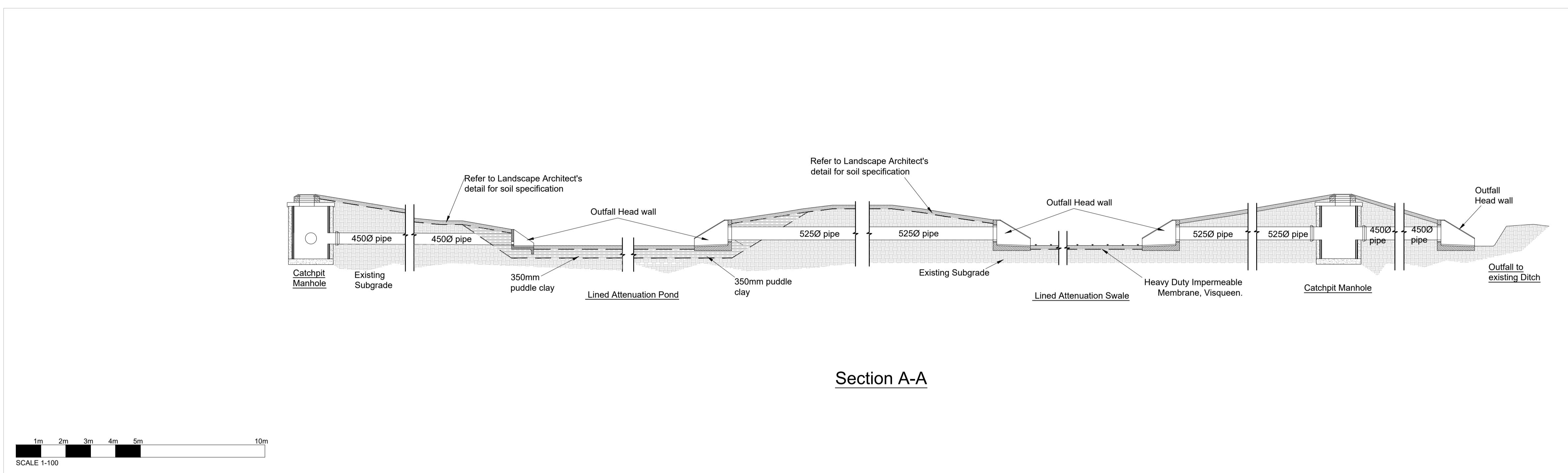
23. Rainwater downpipes that do not connect directly to an access point, shall be connected to a gully.

24. All drainage channels to be by ACO or similar and to be of a type, size and capacity suitable for their location.

25. Private access fittings, inspection chambers and manholes shall be constructed in accordance with the requirements of the Building Regulations Approved Document H and from the materials listed in Table 14. Access points, inspection chambers and manholes shall be constructed from products designated for the location in which they are to be used. They shall be installed in accordance with the manufacturer's/supplier's recommendations.

26. Prior to commencement of any works the existing drainage must be traced to ensure that no 'live' connections remain, any such connections must be reported to the contract administrator, prior to diversion into the new drains.

27. Pipes shall be a min. gradient 1:40 (1:80 if minimum 1 WC is connected), unless proposed invert levels indicate otherwise.



Existing Southern Water  
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