

[illegible]

1. This drawing to be not in conjunction with all relevant Architect, Engineer and Subcontractor drawings and details.
2. This drawing is based on topographical survey by Client.
Drawing Number: 6554/10/0014
Dated 17/09/14
3. All levels made to levels given on survey drawing.
4. Refer to Architect drawings for details of all pointing types & materials, pointing, screeds, render, plaster, grout & bolsters.
5. For lighting, service supplies & ducting requirements, refer to M&E drawings.
6. All works to be carried out in accordance with 'Sewers for Adoption', 11th Edition, BS EN 752, 'Onion and sewer systems outside buildings' and the current edition of 'The Building Regulations' Approved document H'.
7. Use drainage connections can be made with appropriate lengths of roofer pipes & couplings.
8. All manhole chamber covers to be installed parallel to front kerbs, gullways, paving joints or building lines as appropriate.
This drawing details all below ground drainage up to finished floor level, for details of drainage above finished floor level, refer to Architect's drawings.
9. All stack connections under buildings to be minimum 100mm diameter solid Pvc-U to BS EN 1401-1/BS4680 & laid at a slope of 1 in 80 unless otherwise noted. If the Pvc-U is greater than 100mm then the diameter of the connection is to be increased to match it.
10. All stack connections under buildings to be minimum 100mm diameter solid Pvc-U to BS EN 1401-1/BS4680 & laid at a slope of 1 in 80 unless otherwise noted. If the Pvc-U is greater than 100mm then the diameter of the connection is to be increased to match it.
11. All gull connections to be minimum 100mm diameter solid Pvc-U to BS EN 1401-1/BS4680 & laid at a slope of 1 in 80 unless otherwise noted. If the Pvc-U is greater than 100mm then the diameter of the connection is to be increased to match it.
12. All probe foul water pipework up to 150mm in diameter shall comply with BS EN 1401-1/BS4680 and be of the specification for highway works.
13. All probe surface water pipework up to 150mm in diameter shall comply with BS EN 1401-1/BS4680 and be of the specification for highway works.
14. Plastic chambers shall comply with BS EN 1917 and BS 5913-1.
15. All accessible foul water and surface water pipework up to 225mm in diameter to be Heteron certified Unidrain (UD) with flexible support and socket joints and shall comply with the requirements of BS EN 285. All adoptable foul water concrete sewer pipes with flexible support and socket joints shall comply with the requirements of BS EN 1916 and BS 5913-1: Part 1.
16. On completion of development all drainage shall be jet cleaned and CCTV surveyed.
17. Sewer material to be removed may be dug out with machines demolished & void filled with suitable engineering fill material.
18. All road with connections to be minimum 150mm diameter solid Pvc-U in accordance to BS EN 1401-1/BS4680 and laid at a minimum gradient of 1 in 150.
19. All existing services shown are based on topographical survey by Client. Location of all services in close proximity to works should be confirmed by means of trial pit under supervision of statutory undertaker & in accordance with HSE document 'Working Danger From Underground Services'
20. All probe foul water pipework up to 150mm in diameter to be of the specification for highway works.

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SIMPSON ASSOCIATES

CONSULTING ENGINEERS LTD.
8 Fildray Street

Henley-on-Thames
Oxfordshire RG9 1AH

I: 01491-5/6221 F: 01491-410129
e-mail: mail@impsonsng.com

consultancy engineering business environments

Herby-on-Thames : Gloucester : London

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