

1. All adoptable drainage works have been designed and are to be constructed in accordance with Design and Construction Guidance and Local Practices
2. All clay pipe work shall be Extra Strength Clayware to B.S. EN2951 Part 1
3. All precast concrete pipework shall be to the class stated on the drawings in accordance with BS EN 1916:2002
4. All manholes and chambers shall be to BS EN 1917:2002
5. The Contractor may elect to use reinforced PVC pipes as covered by BS 4660:2000 & BS EN 1401-1
Structured wall upvc pipes to comply with w15 4-35-01 up to and including 300mm.(By prior agreement with adopting authority),
MAX PIPE LENGTH TO BE 3.0m
5. All levels relate to an Ordnance Datum.
6. This drawing is to be read in conjunction with all other relevant drawings.
7. House drainage connections to sewers must be 150mm Ø and unless otherwise stated lead to the droagol invert level shown.
8. Levels given on drag out channels are the incoming pipe levels.
9. House drains to be kept within the curtilage of the plot they serve wherever possible.
10. The Contractor shall be responsible for ensuring that any existing invert levels indicated on drawings are correct before work commences.
11. The Contractor must satisfy himself as to the position and depth of any existing Statutory Undertakers plant which could effect the works before the works are commenced.
12. Road gully connections are to be 150mm Ø connecting either directly to manholes shown, or to sewer runs via pre-formed junctions.
13. All connections to adoptable sewers shall be by manufactured junction pipes. Saddle connections will not be permitted.
14. All sewers for adoption with greater than 1.20 metres cover in roads or 0.9m metres cover in fields shall have Class S granular bed and surround.
15. Any sewer for adoption with less than 1.2 metres cover in roads or 0.9 metres cover in fields shall have a minimum of 150mm ST4 concrete surround. Flexibility shall be maintained by the provision of Flexcell or similar approved joint filler breaks in the concrete surround at each pipe joints
16. Pumping Station to be designed and constructed in accordance with Design and Construction Guidance and United Utilities Pumping Station Addendum

A1 SHEET