



NOTES

1. At the commencement of works on site the contractor is to carry out full site and liaison with Utility Companies in order to establish the exact position of all existing statutory utility plant in the vicinity of works and take adequate precautions for their protection.
2. All mobile cranes/lifts/propellers cranes in existing carriageway/verges to be identified where necessary to suit design levels.
3. Where the works involve the construction of a footway the Contractor shall provide an alternative safe access/egress route for all existing users.
4. All highway works to be carried out to the satisfaction of the Highway Authority Inspector and in accordance with the Specification for Highway Works.
5. All excavation and building work in the existing highway to be in accordance with the provisions of the New Street Works Act 1991 or that specified within the working drawings.
6. The Contractor is to comply fully with the CDM Regulations in the course of constructing the works.
7. Any highway or drainage works constructed prior to issue of Technical Approval is entirely at the risk of the Contractor/Client.
8. The Contractor shall ascertain the CBR of the subgrade in order to determine the required sub-base / coping thickness.
9. Prior to laying any material the subgrade must be inspected and any soft spots removed and filled with 672 coping material.
10. Prior to construction of any drainage works the Contractor is to confirm the invert levels of existing manholes and sewers. Any variations from the designed levels shown on the drawings shall be reported to the Engineer in advance of construction works commencing.
11. The Contractor shall also employ best practice and lay all drainage work from the outfall, where any variations from the design shall be reported to the Engineer prior to progressing the drainage works.
12. Prior to core drilling internal structural concrete for the proposed drainage pipework the external route from the manhole to the carrier drain should be checked to ensure there are no obstacles with existing drainage or utility apparatus. If obstacles exist then an alternative route may be required.
13. All adoptable foul sewer drainage works to be constructed as detailed in 'Sewers for Adoption, 6th Edition' or as stipulated in Thomas Weller's Addendum and to the satisfaction of the Thomas Weller's Inspector.
14. All adoptable foul sewer drainage works shall now 300 Class 5 granular bed and surround. However, any pipes below the adoptable carriageway with less than 120mm of cover (600mm in verges and unadopted areas), shall be Class Z surrounded with 150mm of S14 concrete with flexible joints.
15. All drain and sewer pipes to be laid soft to surface unless shown otherwise.
16. Contractor to refer to Health & Safety Executive Note 47 Accident Damage from Underground Services and Document 626 - Accident Inquiry from Underground Electric Lines.
17. Where one way traffic is unavoidable, traffic shall be controlled by a proper system of vehicles operated traffic signals or manual stop/go signs and during the hours of darkness flashing amber traffic signals or manual stop/go signs shall be used to control the flow of traffic.
18. Traffic signs and carriageway markings shall comply with the Traffic Signs Regulations and General Directions 2002. Any poles removed as part of the works to be replaced in new positions where appropriate.
19. Where existing junctions and access remain in operation within the works during the construction process, the Contractor shall ensure that access to these units remains available at all times.
20. Highway in the vicinity of the works must be kept free from mud, debris and dust arising from vehicles or the wheels of vehicles contacted with the works.
21. Where the deposit of debris and mud on roadways during works must be anticipated, the Contractor shall ensure that the traffic management proposals have been regularly checked.
22. Do not scale from the drawing, work only from stated dimensions or setting out details.
23. The Contractor shall be responsible for the traffic safety and management of the site during the construction process. The Contractor shall ensure that the traffic management proposals are agreed with the Highway Authority.
24. Work on or adjacent to existing public highway shall be executed in accordance with the Traffic Signs Code for Roadworks and Chapter 9 of the Traffic Signs Manual.
25. All signs are in metric road Ordinance format.
26. Gullies, gully connections, drains, manholes, catchpits, soakways, headwalls, and other drainage structures intended to convey only highway water are to be constructed in accordance with the specifications of the Highway Authority and to the satisfaction of the Highway Inspector.
27. All foul and storm water drains which are not subject to adoption as public sewers shall be constructed in accordance with the specifications of the Highway Authority. All drains shall be constructed in accordance with the relevant specifications.
28. All pipefall lateral connections to public sewers shall be 150mm unless shown otherwise.
29. Private drainage pipework to be 100mm unless shown otherwise on Engineering Layout Plans.
30. 100mm private foul water & storm water drainage shall be laid no flatter than 1/60. 150mm shall be laid no flatter than 1/50.
31. Where grass service strips are present a requirement is to be placed on the owner/occupier to maintain the grassed area and to ensure that no parking is carried out which is injurious to the underlying services. Vehicle crossings and personal points to be constructed to adoptable standards.
32. There is to be no demarcation of service strips for the grassed area.
33. Existing highway drainage gullies, soakways, culverts, headwalls, and other drainage structures shall be maintained in accordance with the specifications of the Highway Authority and to the satisfaction of the Highway Inspector.
34. The Contractor shall ensure that appropriate measures are taken to prevent sediment and debris from entering the permanent drainage system.
35. All sewers are to be constructed in accordance with the specifications of the Highway Authority and to the satisfaction of the Highway Inspector.
36. Regular inspections shall be undertaken by the contractor, to ensure that the works are carried out in accordance with the specifications of the Highway Authority and to the satisfaction of the Highway Inspector. The contractor shall be responsible for removal of the sediment or debris and replacement/repair of any components which have been damaged or experience a reduction in operational performance as a consequence.
37. The contractor shall ensure that adequate measures are taken so as to prevent damage of any kind to the formation. The integrity of the formation shall be maintained by the contractor.

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