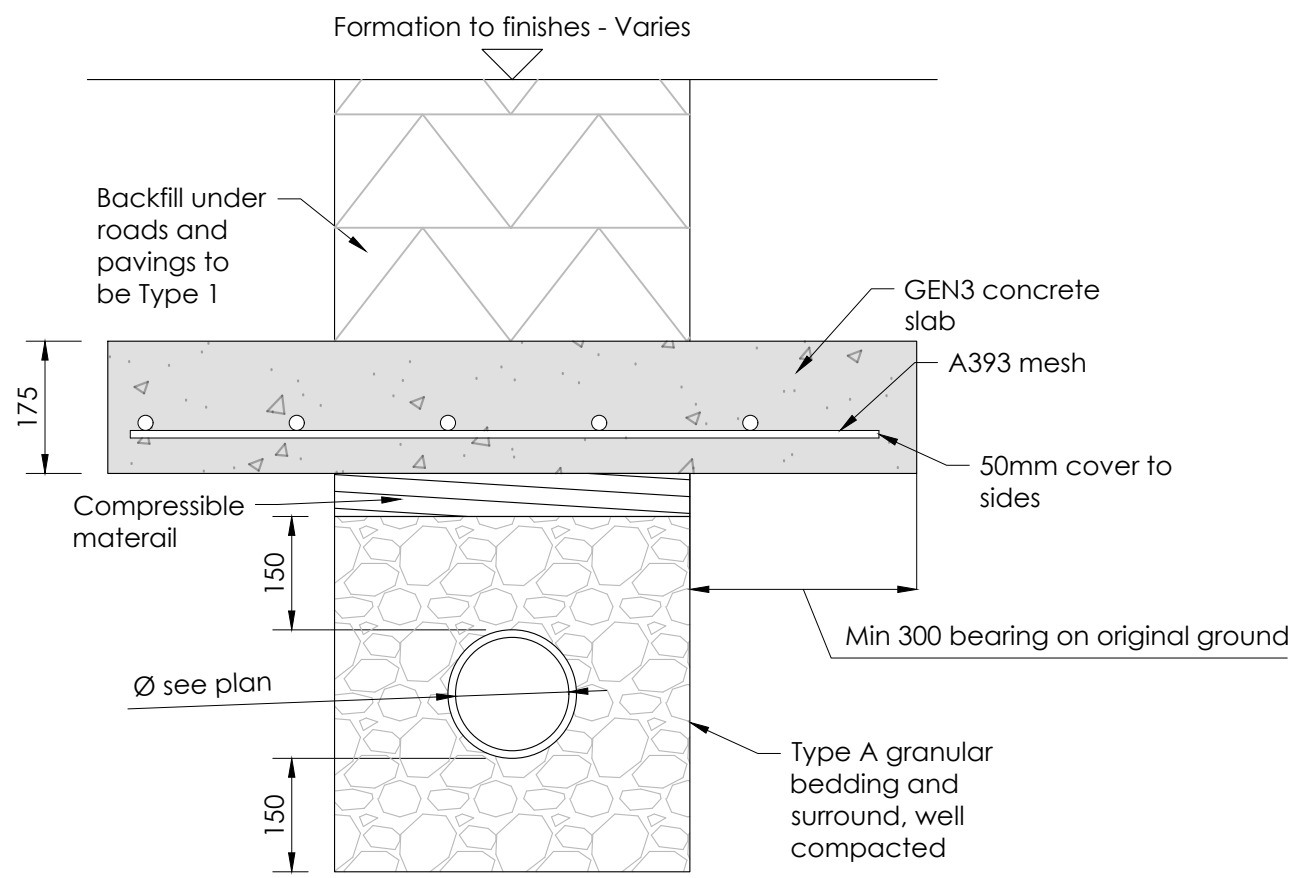




(Scale 1:20)



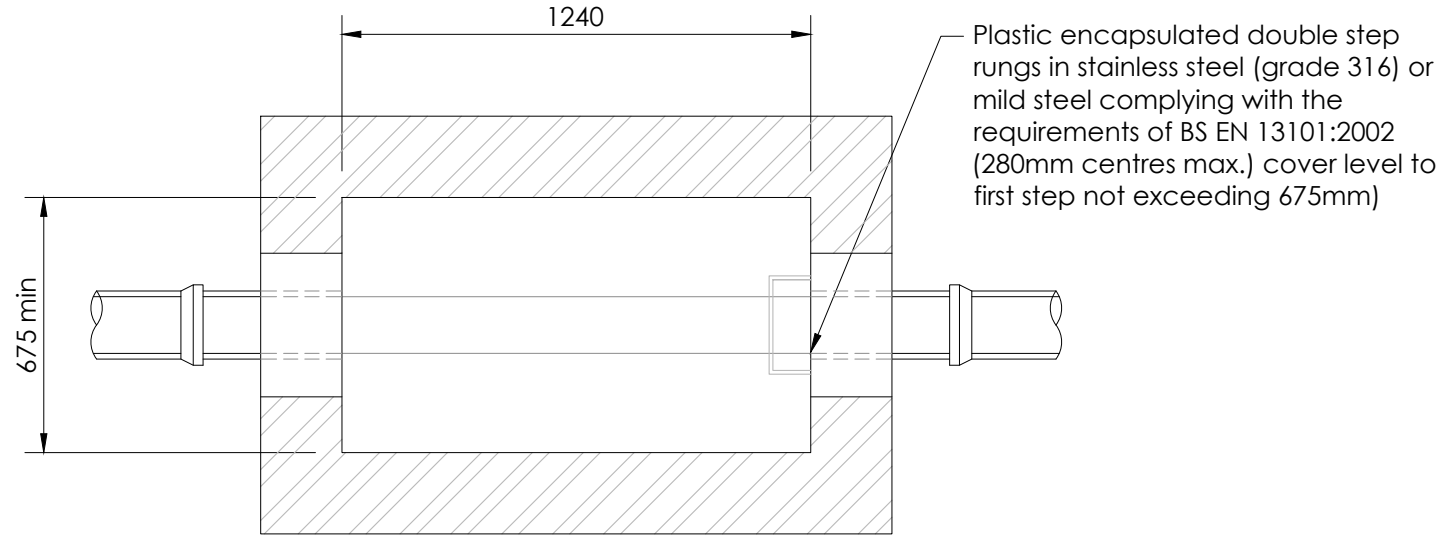
(Scale 1:10)

(Scale 1:10)

1. Class 'S' granular bed and surround preferred with the additional of a reinforced concrete protection slab where the depth of cover beneath the highway is less than 1.2m or less than 0.9m in non-trafficked areas.
2. See WIS 4-08-02 for bedding material specification
3. Refer to IGN 4-11-02 for trench width details.



(Scale 1:50)



through to 1.5m to soffit.

All pipes up to and including 525mm dia. entering or leaving manholes shall have a flexible joint within 600mm of the inside face of the manhole. The next pipe shall be a 600mm long rocker pipe,

(Scale 1:20)

1. All drawings to be read in conjunction with Structural Engineers Drawings.
2. All plans are drawn in meters unless noted otherwise.
3. Drainage design in accordance with Sewers for Adoption 6th edition.
4. Road design in accordance with 'Lincolnshire County Council - Development Road and Sustainable Drainage Specification and Construction', and any specific requirements of the approving highway authority.
5. Estate road materials to be in accordance with Lincolnshire County Council specifications.
6. All manholes located in the adopted highways to have a minimum cover depth of 150mm thick to and to be marked FW and SW to denote foul water and surface water, respectively.
7. It is proposed that all laterals from plots are to be adopted.
8. Final connection point levels and locations need to be confirmed prior to construction.
9. All proprietary items to be installed in strict accordance with the manufacturers instructions and recommendations.
10. All works to be carried out in accordance with the current British Standards, Codes for practice and Building Regulations.
11. Manhole and coordinates are given to the centre of manholes. Groundworker to ensure offsets allow minimum benching requirements and offsets from kerbs.
12. Generally the first inspection chamber located in the private roads is a deaeration chamber for the AW adoptable lateral. Cover grade to be:
 - D400 - adoptable areas and the main access way.
 - A150 - shared parking areas
 - B125 - private residential parking (single dwelling)
 - C25 - soft landscaped and non-vehicle areas
13. All drawings need to be read in conjunction with each other, any discrepancies must be reported back to the engineer immediately.
14. Any manholes less than 1.2m deep to have two pieces of pipe in the adopted carriageway less than 1.2m under adopted vehicle/crossovers are to receive a concrete cover slab. Where there is very little cover, the pipe is to be ductile iron - refer to longsections for material type. Concrete cover to be confirmed on plans.
15. Outlets of manholes to be covered with grates. Grates to be of at least 0.5m and 1.0m respectively, from the kerbface. Sewers might need to be offset in the manholes to achieve - to be confirmed on site.
16. All details are to be read in conjunction with Anglian Water's standard adoptable drainage details - available from Anglian Water upon request.
17. Contractor to ensure that all items are sufficiently protected during construction.
18. Connections into the box culvert are to be set at 200mm above the invert of the box culvert. It is to ensure that the incoming pipe junction is below/above the internal chamber of the box culvert. See manhole schedule.
19. Cover levels are approximate only, and should be adjusted to suit the final road levels.
20. All PIPES deeper than 1.2m are to be fitted with non-accessible covers.
21. All junction nodes are approximate only and are to be confirmed using the final main pipe invert/offset and location.

