

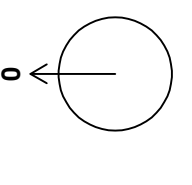
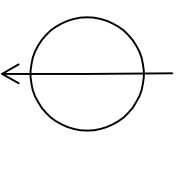
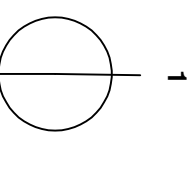
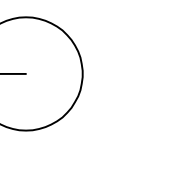
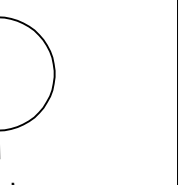
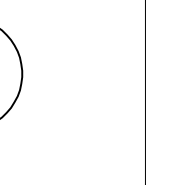
GENERAL

1. All adoptable sewers and associated works are to comply fully with "Design and Construction Guidance" to be issued by the Local Authority.
2. All highway works to be to adoptable standards and to comply fully with the Local Authority specification.
3. All private drainage works are to comply fully with part 4 of the Building Regulations as amended by the Building Regulations 2015.
4. All works are to be carried out in accordance with the "Code of Practice for the Construction of Sewers" published by the Institution of Civil Engineers (ICE).
5. All materials to be used are to be of the highest quality and to comply with the specifications.
6. All concrete & concrete products must be supplied to the site by a registered supplier and must be stored on site in a secure and protected area (to prevent damage from theft and vandalism) and must be protected from rain and frost.
7. All opening notices etc. as required under the Highways Act 1980 must be obtained prior to commencement of works.
8. All works are to be carried out in accordance with the relevant British Standard or relevant Water Authority as appropriate.

CONSTRUCTION

In line with the above regulations we are obliged to ensure that the construction of the sewer is in accordance with the relevant British Standard or relevant Water Authority as appropriate. All design work has been carried out with Health and Safety aspects given full consideration. We would also respectfully remind the Client of his obligations to take all reasonable steps in ensuring that only competent Contractors who have a valid contract with the Local Authority are employed. They should also provide satisfactory responses at tender stage as to the manner in which they will deal with the elements of risk involved in this type of work and in particular those highlighted by REFA below:-

1. Support / treatment for ALL excavation work.
 2. Guarding to edges of excavations to prevent people/vehicles and vehicles falling into excavation.
 3. Controlling of excavations outside working hours to prevent noise and light nuisance.
 4. Underpinning to adjacent roads or structures.
 5. Confined space operations.
 6. Dealing with existing services.
 7. Traffic management on existing highways.
 8. Procedure to be followed in event of accident or emergency.
 9. Method of working where contaminated ground is present on site.
 10. Confirmation will be required that all operatives are adequately trained, copies of relevant training certificates to be supplied.
- The above list is by no means exhaustive but it does highlight operations that present a risk to the safety of the workforce and the public. For clarification on any item please contact REFA.

Manhole Number	Cover Level	Connections	Pipe			Manhole Size	Types		Other Detail					
			Code	Inverts	Diams		Manhole	Cover	Depth & Size (mm)	Means of Access	Safety Chains	Handrails	Invert Access	
F1	46.196					1350	TYPE C FIGURE B15	D400	150	1220 x 685	Double Steps	No	No	No
	1.46		0	1.000	44.900									
E= 386257.242 N= 397069.156														
F2	45.865					1350	TYPE C FIGURE B15	D400	150	1220 x 685	Double Steps	No	No	No
	1.157		0	1.001	44.678									
E= 386224.615 N= 397065.292														
F3	46.067					1350	TYPE B FIGURE B9	D400	150	675 x 675	Double Steps	No	No	No
	1.585		1	1.001	44.332									
E= 386173.233 N= 397059.576														
F4	46.527					1350	TYPE C FIGURE B15	D400	150	1220 x 685	Double Steps	No	No	No
	1.466		0	2.000	44.911									
E= 386079.066 N= 397093.232														
F5	46.371					1350	TYPE C FIGURE B15	D400	150	1220 x 685	Double Steps	No	No	No
	1.455		1	2.000	44.766									
E= 386091.796 N= 397071.909														
F6	46.212					1350	TYPE B FIGURE B9	D400	150	675 x 675	Double Steps	No	No	No
	1.737		1	2.001	44.325									
E= 386147.268 N= 397078.614														