S104-2025-027

CODE For Adoption Under a Section 104 Agreement

1.All adoptable sewer works and materlal to be in accordance with "Code for Adoption" , The Relevant British/European and Yorkshire Waters Standards/requirements/Addendum to the Mechanical and Electrical Specification and Kitemarked.

2.Manhole covers must have a clear openlng of 600mm and shall be Class D400 to BS EN 124 with 150mm deep frames in highways.

3.Filled ground must be filled and consolidated under the supervlsion and to the satisfaction of Yorkshire Water before any sewer works are carried out.

4. Yorkshlre Water are not obliged to accept filter drain/land drainage runoff into the public sewer network or adoptable drainage system (directly or indirectly.) An alternative method of disposal of land drainage runoff will therefore be required. Please consult with the Local Authority/Land drainage Section.

5. The adoptable sewers should be a minimum of 1m and manholes 0.5m from kerb faces and service margins.

6. Sewers must have 5 metres clearance from trees and hedges or the width of canopy at mature height.

7. Sewers to be laid in Class "S" bedding (150mm granular bed & surround.) Where depth of cover to the top of the sewer is less than 1.2m in Highway and verges (or less than 900mm in non vehicular areas) then a concrete slab should be provided above the granular bed and surround.

8. Bedding and backfill material to conform to the requirements of Water Industry Specification 4-08-02 (Table A2)

9. Yorkshire Water policy is that Type "C" brick manholes and 1050mm dia manhole rings are not preferred. Instead it is preferred that you use a Type "B" manhole with 1200mm dia or 1500mm dia rings with the opening sited over the channel where depth of cover to pipe soffit is 1.0-1.5m

10. Adoptable plastic sewer pipes to be BSI Kitemarked (certified to WIS 4-35-01 and BS/EN13476). Adoptable plastic sewer pipes to be laid in maximum 3 metre lengths unless there is a specific operational need to lay longer lengths. Plastic channel sections in manholes are not acceptable. Yorkshire Water require clay channels in manholes.

11. The minimum crushing strength for clay pipes should be as follows: 100mm dia. 40KN/m. 150mm dia. 40KN/m, 225mm dia. 45KN/m, 300mm dia. 72KN/m. The minimum crushing strength for concrete pipes should be - (Class 120 to EN 1916/BS5911-1 2002).
Plastic pipes should conform to WIS 4-35-01 and BS EN13476

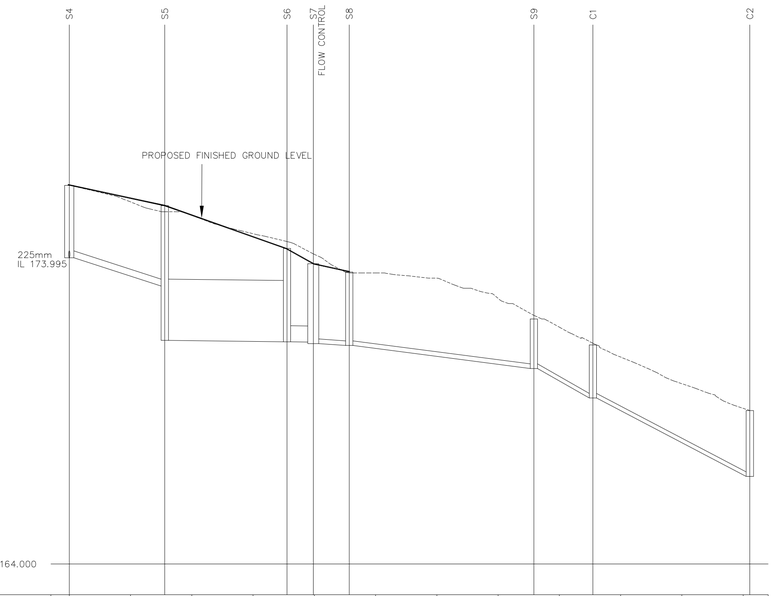
12. Where a B125 cover and frame has been approved, this must not be coated in plastic and must have lifting eyes suitably sized to accommodate standard lifting keys. Screw down covers are not acceptable.

13. There must be enough clearance at crossovers to accommodate bedding to both plpes (approx 300mm): If crossover is near the rocker then the clearance needed may need to be increased.



F3–C1

GROUND LEVEL	176.411	175.957	175.520	174.921	173.996	173.563	173.402	173.077	172.497	171.597	
FOULWATER COVER LEVEL	176.503				173.670				172.250	171.150	
FOULWATER INVERT	173.750				171.800	171.800			170.100	170.100	169.420
FOULWATER DETAILS		Dia 150 Circular CLAY 1 in 24 CLASS S B&S					Dia 150 Circular CLAY 1 in 22 CLASS S B&S			Dia 150 Circular CLAY 1 in 17 CLASS S B&S	
FOULWATER LENGTHS		45.845					36.577			11.371	



S4–C2

GROUND LEVEL	176.368	175.821	175.387	174.784	174.109	173.500	173.330	172.678	171.733	170.757	169.890	169.088	
STORMWATER COVER LEVEL	176.358		175.700		174.300	173.800	173.530		172.000	171.150		169.010	
STORMWATER INVERT	173.995	173.075	171.300		171.254	171.245	171.195	171.133	171.133	170.383	170.383	169.420	169.420	166.858
STORMWATER DETAILS		Dia 225 Circular CLAY 1 in 17 CLASS S B&S		Concrete Attenuation Tank Refer to specific detail 1 in 451		525 CONC 1:349 CLASS S	150 CLAY 1:94 S B&S		Dia 150 Circular CLAY 1 in 40 CLASS S B&S		Dia 150 Circular CLAY 1 in 10 CLASS S B&S	Dia 150 Circular CLAY 1 in 10 CLASS S B&S	
STORMWATER LENGTHS		15.587		19.953		4.298	5.865		30.139		9.633	25.616	

Rev	Details	Date	Drwn.	Chk.
B	Layout updated. Drainage amended	4-11-25	AST	
A	Layout updated. Drainage amended	22-7-25	AST	

Newett Homes

Yew Tree Road
Birchencliffe, Huddersfield

Longitudinal Sections
Sheet 2

Dwg No. : STE/25/03/11/02 B

Date : 20-3-25

Scale : H-1:500, V-1:100

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