



**CODE FOR ADOPTION Under a Section 104 Agreement**

1. All adoptable sewer works and material to be in accordance with "Code for Adoption". The relevant British/European and Yorkshire Waters Standards/requirements/Accordium to the Mechanical and Electrical Specifications and Standards.
2. All sewers to be a top opening of 600mm and shall be Class Duffo to BS EN 124.
3. Field ground must be filled and consolidated under the supervision and to the satisfaction of Yorkshire Water before any sewer works are carried out.
4. Yorkshire Water are not obliged to accept filter drained drainage runoff (indirect). An alternative method of disposal of any 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.
6. All man holes and sewer openings.
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 shall 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 1000mm dia manhole rings are not preferred. Instead it is preferred that you use a type "B" manhole with 1250mm dia or 1500mm dia rings.
10. Adoptable plastic sewer pipes to be BS1350 (polypropylene) or 1.0-1.5m (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 drainage sections in manholes are not acceptable.
11. The minimum trenching 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 -  
Plastic pipes should conform to WIS 4-35-01 and BS EN13476.
12. Where a 8125 cover and frame has been approved, this must not be casted in plastic and must have fitting eyes suitably sized to accommodate standard lifting keys. Sewer down covers are not acceptable.
13. There must be enough clearance at crossovers to accommodate leading to both pipes (approx 300mm). If crossover is near the locker then the clearance needed may need to be increased.

**NOTES**

All drainage connection points to be located and checked for position and level prior to the commencement of any works.

Originator: Survey Grid & Datum  
OSGM15 Geoid model

B	Layout updated: Drainage amended	4.11.25	AST
A	Layout updated: Drainage amended	22.7.25	AST
Rev	Details	Date	Drawn/Chk.

**Newell Homes**  
**Yew Tree Road**  
**Birchcliffe, Huddersfield**  
**Section 38 Plan**

Dwg No. : STE/25/03/05 B  
 Date : 10-3-25  
 Scale : 1:500  
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**SHAUN TONGE**  
**ENGINEERING**

11 Broomfield Road, Worton, Barnsley, S73 0SQ.  
 Mobile: 07582 278070 | Email: Shauntonge@bt.com

RISK ASSESSMENT - SIGNIFICANT RISKS THAT CANNOT BE DISMISSED OUT	LEVEL OF RISK (LOW)	SUGGESTED ACTION
DEEP EXCAVATIONS ASSOCIATED WITH DEEP DRAINAGE TRENCHES HANDLING LARGE COMPLEX MANHOLE AND SOAKAWAY RISKS	HIGH	ENGINE ALL EXCAVATIONS HAVE ADEQUATE TRENCH SHORERS AND ARE FENCED OFF TO PROTECT FROM FALLS.
CONTACT WITH SERVICES/WORKING IN COMPACT SPACES	MEDIUM	USE GAS DETECTORS/RESISTANCE EQUIPMENT AND ENGINE OPERATIVES WEAR THE CORRECT PERSONAL PROTECTIVE EQUIPMENT.
WORK FROM ALCANTARA	MEDIUM	OPERATIVES TO WEAR THE CORRECT PPE PROTECTION.
EXCAVATIONS NEAR TO UTILITIES	HIGH	UTILITY LINES TO BE IDENTIFIED AND APPROPRIATE LOCATED USING APPROPRIATE EQUIPMENT PRIOR TO EXCAVATION.
EXCAVATIONS NEAR TO HIGHWAY	HIGH	UTILITY LINES TO BE IDENTIFIED AND APPROPRIATE LOCATED USING APPROPRIATE EQUIPMENT PRIOR TO EXCAVATION AND THE CORRECT SIGNAGE/Traffic CONTROL IS USED.

IT IS ASSUMED THAT WORKS ASSOCIATED WITH THIS DESIGN WILL BE UNDERTAKEN BY PERSONS WHO ARE COMPETENT AND HAVE THE REQUIRED LEVEL OF EXPERIENCE AND SKILLS.