



KEY

- Existing Public combined sewer to remain
- Existing Public foul sewer to remain
- Existing Highway drain to remain
- Proposed adoptable SW sewer / Highway drain
- Proposed adoptable foul sewer
- Proposed adoptable combined sewer
- Proposed foul lateral
- Proposed SW lateral
- Proposed gully
- Tactile paving

CODE For Adoption Under a Section 104 Agreement

- All adoptable sewer works and material to be in accordance with "Code for Adoption". The Relevant British/European and Yorkshire Waters Standards/requirements/standards to the Mechanical and Electrical Specifications and Materials.
- Where a new road opening of 600mm and shall be Class D400 to BS EN 124.
- Filled ground must be filled and consolidated under the supervision and to the satisfaction of Yorkshire Water before any sewer works are carried out.
- Yorkshire Water are not obliged to accept filter drain/land drainage runoff indirectly. An alternative method of disposal of land drainage runoff will therefore be required. Please consult with the Local Authority/Land drainage Section.
- The adoptable sewers should be a minimum of 1m and manholes 0.5m.
- Manhole and sewer lengths.
- Sewers must be a minimum distance from trees and hedges or the width of canopy at mature height.
- Sewers to be laid in Class "C" 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.
- Bedding and backfill material to conform to the requirements of Water Industry Specification 4108-02 (Table A2).
- Yorkshire Water policy is that Type "C" brick manholes and 1000mm dia manhole rings are not preferred. Instead if it is preferred that not use a type "B" manhole with 320mm dia and 400mm dia rings with a minimum of 150mm concrete cover to 150mm dia.
- Adoptable plastic sewer pipes to be BS1 (Kitemarked) (certified to WIS 4-35-01 and BS EN 13476). 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.
- The minimum crushing strength for clay pipes should be as follows:
100mm dia, 40kN/m²; 150mm dia, 40kN/m²; 225mm dia, 45kN/m²; 300mm dia, 75kN/m². Plastic pipes should conform to WIS 4-35-01 and BS EN13476.
- Where a 8125 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.
- There must be enough clearance at crossovers to accommodate bedding 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.

Ordnance Survey Grid & Datum
OSGM15 Geoid model

RISK ASSESSMENT - SUGGESTED ACTION		SUGGESTED ACTION	
SEVERE HIGH RISK	LEGIBLE, OF RISK		
DEEP EXCAVATIONS ASSOCIATED WITH DEEP DRAINAGE TRENCHES	HIGH	ENSURE ALL EXCAVATIONS HAVE ADEQUATE TRENCH SUPPORTS AND ARE FENCED OFF TO PROTECT FROM FALLS.	
HANDING LARGE DIAMETER MANHOLE AND SOAKAWAY RINGS	HIGH	USE CORRECT LIFTING EQUIPMENT AND ENSURE OPERATIVES WEAR THE CORRECT PERSONAL PROTECTIVE EQUIPMENT.	
CONTACT WITH SERVICES/WORKING IN COMPACT SPACES	MEDIUM	USE GAS DETECTORS/SHIMMERS EQUIPMENT AND ENSURE OPERATIVES WEAR THE CORRECT PERSONAL PROTECTIVE EQUIPMENT.	
NOISE FROM MACHINERY	MEDIUM	OPERATIVES TO WEAR THE CORRECT EAR PROTECTION.	
EXCAVATIONS NEAR TO UTILITIES	HIGH	UTILITY LINES TO BE INSPECTED AND APPROPRIATE LOCATED USING APPROPRIATE EQUIPMENT PRIOR TO EXCAVATION.	
EXCAVATIONS IN PUBLIC HIGHWAY	HIGH	UTILITY LINES TO BE INSPECTED AND APPROPRIATE LOCATED USING APPROPRIATE EQUIPMENT PRIOR TO EXCAVATION. ENSURE THE CORRECT SIGNAGE/Traffic CONTROL IS USED.	

Dwg No. : STE/25/03/05 B

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Scale : 1:500

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B		4:11:25, AST	
A		22-7-25, AST	
Rev	Details	Date	Drawn/CHK

Newell Homes

Yew Tree Road

Birchcliffe, Huddersfield

Section 38 Plan