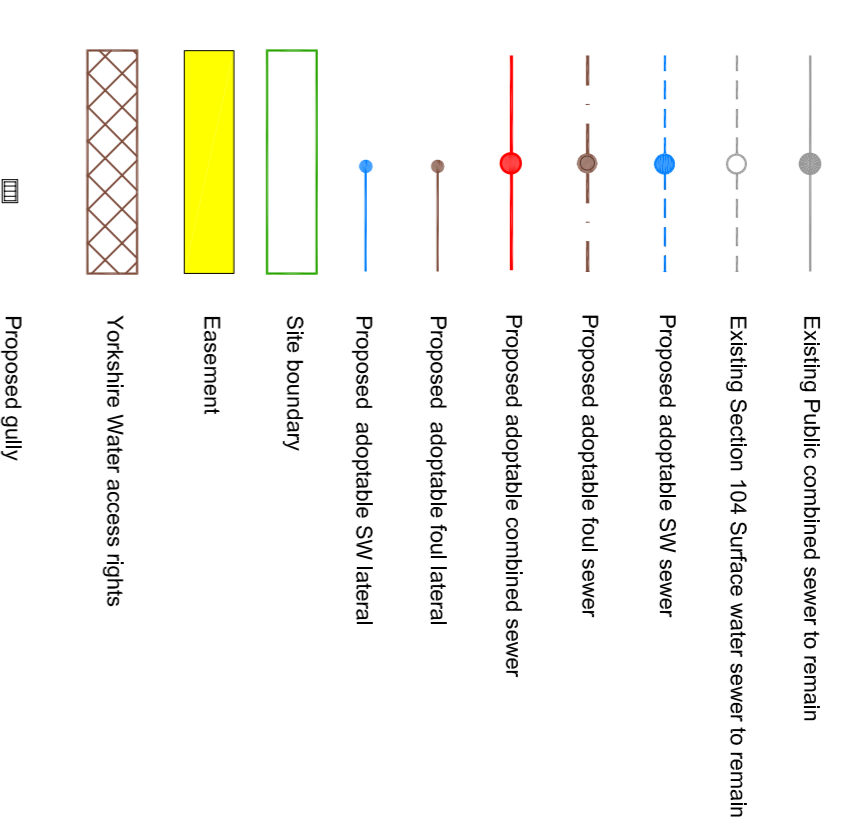


LATERAL MANHOLE SCHEDULE

REFERENCE	MH TYPE	DEPTH	MH DIAMETER	PIPE SIZE	PIPE MATERIAL	COVER LEVEL	INVERT LEVEL	LENGTH	GRADIENT	EASTING	NORTHING
LM1	TYPE D	1.35m	450mm	150mm	UPVC	179.35	178.00	4.56m	1:22		
LM2	TYPE D	1.00m	450mm	150mm	UPVC	178.60	177.60	10.45m	1:11		
LM3	TYPE D	1.80m	450mm	100mm	UPVC	178.60	176.90	6.56m	1:12		
LM4	TYPE D	2.00m	450mm	100mm	UPVC	177.55	175.55	3.64m	1:24		
LM5	TYPE D	2.00m	450mm	150mm	UPVC	176.40	174.40	3.29m	1:10		
LM6	TYPE D	2.30m	450mm	100mm	UPVC	176.90	174.60	5.40m	1:10		
LM7	TYPE D	1.40m	450mm	150mm	UPVC	177.40	176.00	4.60m	1:21		
LM8	TYPE B	1.80m	1200mm	150mm	UPVC	174.30	173.95/172.50	8.62m	1:10		
LM9	TYPE B	1.60m	1200mm	100mm	UPVC	174.00	173.55/172.40	3.01m	1:10		
LM10	TYPE B	2.25m	1200mm	100mm	UPVC	173.85	172.75/171.60	7.38m	1:20		
LM11	TYPE D	1.93m	450mm	150mm	UPVC	174.10	172.17	5.56m	1:10		

KEY



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 Water Specification and Yorkshire Water Specification and Recommended.
- Manhole covers must have a clear opening of 600mm and shall be Class D400 to BS EN 124 with 150mm deep frames in highways.
- Filled ground must be filled and consolidated under the supervision and to the satisfaction of Yorkshire Water before any sewer.
- Yorkshire Water are not obliged to accept their combined drainage 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.
- The adoptable sewers should be a minimum of 1m and manholes 0.5m from kerb faces and service margins.
- Sewers must have 5 metres clearance from trees and hedges or the width of canopy at mature height.
- Sewers to be laid in Class 'S' bedding (150mm granular bed & surround) and weeps (or less than 500mm in non-vehicular areas) than a concrete slab should be provided above the granular bed and surround.
- Bedding and backfill material to conform to the requirements of Water Industry Specification 440-02 (Table A2)
- Yorkshire Water policy is that Type 'C' brick manholes and manholes should be used.
- You use a Type 'B' manhole with 120mm dia or 150mm dia rings with the opening sited over the channel when depth of cover to pipe soffit is 1.0-1.5m
- Adoptable plastic sewer pipes to be BS1 (denominated 'Gullies') or BS EN 12476 (denominated 'Plastic sewer pipes to lay longer lengths. Plastic channel junctions in manholes are not acceptable. Yorkshire Water require clay channels in manholes).
- 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, Class 120 to EN 1916/BS5911-1-2002). Plastic pipes should be BS EN 12476.
- Where a B125 cover and frame has been approved, this must not be coated in plastic and must have fitting eyes suitably staked to accommodate standard fitting keys. Screw down covers are not acceptable.
- There must be enough clearance at crossovers to accommodate bedding to both manholes. The manhole cover must be higher than the sewer cover than the sewer cover 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.

Ordinance Survey Grid 8 Datum

RISK ASSESSMENT	SEVERITY	LIKELIHOOD	LEVEL OF RISK (V/N)	SUGGESTED ACTION
DEEP EXCAVATIONS ASSOCIATED WITH DEEP DRAINAGE WORKS	HIGH	HIGH	HIGH	ENSURE ALL EXCAVATIONS HAVE ADEQUATE BRICK SUPPORTS AND ARE PROTECTED OFF TO PROTECT FROM FALLS.
HANDS USED EXPOSED TO VIBRATION AND SHOCKING RISKS	HIGH	HIGH	HIGH	USE CORRECT LIFTING EQUIPMENT AND ENGINE OPERATORS WEAR THE CORRECT PERSONAL PROTECTIVE EQUIPMENT.
CONFLICT WITH SERVICES/WORKING IN CONFINED SPACES	MEDIUM	MEDIUM	MEDIUM	USE GAS DETECTORS/BEARINGS EQUIPMENT AND ENGINE OPERATORS WEAR THE CORRECT PERSONAL PROTECTIVE EQUIPMENT.
ROOF FROM WORKMANS	MEDIUM	MEDIUM	MEDIUM	OPERATORS TO WEAR THE CORRECT FEAR PROTECTION.
EXCAVATIONS NEAR TO UTILITIES	HIGH	HIGH	HIGH	UTILITIES MAPS TO BE INSPECTED AND APPROPRIATE LOCATION MARKERS APPROPRIATE EQUIPMENT PRIOR TO EXCAVATION.
EXCAVATIONS IN PUBLIC HIGHWAY	HIGH	HIGH	HIGH	ENSURE ALL EXCAVATIONS HAVE ADEQUATE BRICK SUPPORTS AND ARE PROTECTED OFF TO PROTECT FROM FALLS. ENSURE THE CORRECT SIGNAGE/TRAFFIC CONTROL IS USED.

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Dwg No.: STE25/03/14 F
 Date: 14-3-25
 Scale: 1:500

Revision table:

Rev	Details	Date	Drawn/Checked
F	Road layout updated	23-2-26	AST
E	Gully leads amended at request of WWS S1254 extended	23-1-25	AST
D	Gully connections joined at request of WWS outside P8	25-1-25	AST
C	Layout updated. Damage amended	24-1-25	AST
B	Layout updated. Damage amended	24-1-25	AST
A	Layout updated. Damage amended	24-1-25	AST