



Drainage design and construction to be in accordance with Sewers for Adoption 7th edition and the requirements of the Statutory Undertaker

General Notes

1. This drawing is to be read in conjunction with all other relevant Engineering and Architect's details.
2. All dimensions are in millimeters unless otherwise stated. All levels are in meters unless otherwise stated.
3. The Contractor shall be responsible for checking all tie-ins for line and level with existing foul and surface water systems before commencing any works.
4. The Engineer shall be notified immediately, in writing, should any errors or discrepancies be found prior to the commencement or continuation of any works.
5. All work is to be carried out in accordance with current British Standards, Building Regulations and NHBC Standards.
6. All drainage work is to be strictly in accordance with the requirements of the Building Regulations 2000, Approved Document Part H, "Drainage and waste disposal".
7. It is the responsibility of the Contractor to execute the works at all times in strict accordance with the requirements of the Health and Safety at Work Act 1974, and the C.D.M. Regulations 2015. The Contractor will be deemed to have allowed for full compliance, including full liaison with the Principal Designer within his rates.
8. All existing land drains encountered on site during construction are to be re-connected.
9. Should any departure from the proposed slab or external levels be considered, agreement shall be sought from the Engineer immediately and prior to the commencement or continuation of any works. Proposals should take full account of all restrictions to the slab level.
10. Temporary protection to be provided to drainage work during construction as necessary.

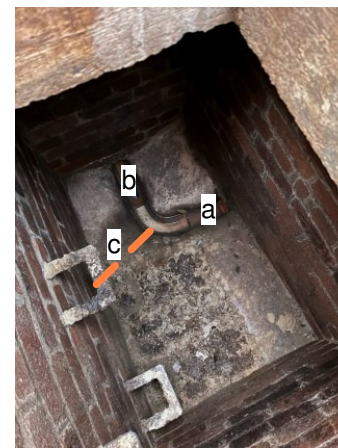
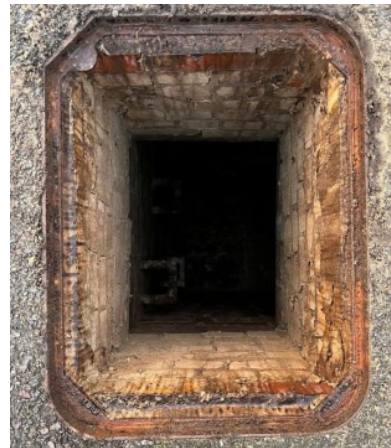
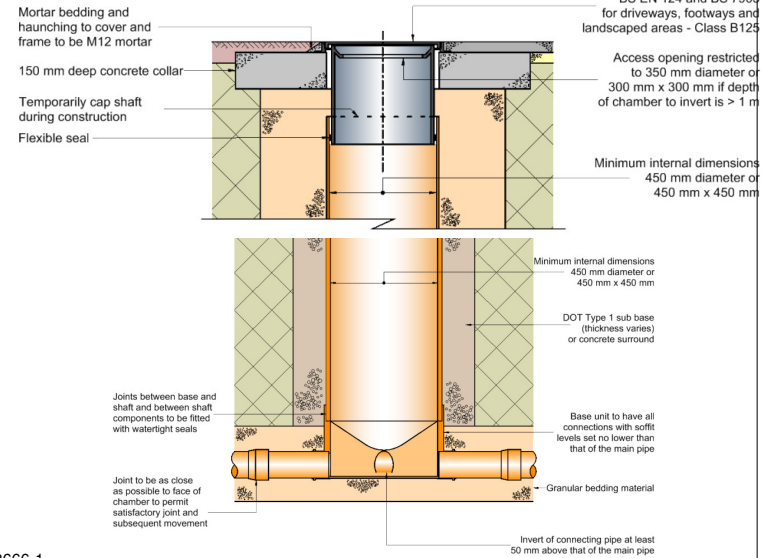
Specification Notes

11. The following types of pipe may be used unless noted or agreed otherwise:
 - Pipes up to 450mm diameter to be Structured Walled to BS EN 13476, Polypropylene to BS EN 1852 or PVC-U to BS EN 1401.
 - Pipes over 450mm diameter to be Concrete to BS 5911.100mm diameter plastic pipe shall comply with the relevant provisions of BS EN 1401-1, BS EN 1852 and BS EN 12666-1.
12. Both Clay and Concrete pipes shall be strength class 120 (100/150mm min crushing strength 28kN/m). Thermoplastic pipes shall have a minimum ring stiffness of SN4.
13. Pipes which run adjacent to buildings shall be installed in strict accordance with Part H, Clauses 2.23 to 2.25.
14. The first flexible joint in pipes adjoining a manhole shall be a maximum length of 600mm from the inside face of the manhole, connecting to a rocker pipe. The length of the rocker pipe shall be as follows;
15. All manholes and inspection chambers situated in areas subject to domestic vehicular loading to have class B125 covers and frames to BS EN124. Thermoplastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 and be kite marked.
16. Drainage frames must be tied to manhole risers by use of manufacturers ties (eg. Polypipe ref FRK500 fixing kit and FRK501 black ties.) The ground works contractor will be held fully responsible for any accidents due to incorrect fitting or failure to use the correct manufacturers fixing equipment.
17. All drainage MH cover and frames to be orientated so that they are square and perpendicular to the block paving patterns. MH cover location also to avoid building door opening locations where possible

Type 3 PPIC Construction Detail (NTS)

Plastic chambers and rings shall comply with BS EN 13598-1 and BS EN 13598-2 or have equivalent independent approval

Sited in domestic driveways or footways



Existing Combined MH FMH05

Manhole Ref.	MH Plan Schematic	Type	Cover Level	Connections	Existing / New	Invert Level	Pipe Diameter	Pipe Type	Min. Gradient
FMH 04		Type 3 PPIC 450mm Dia Class B125 Cover FOUL	10.300	a	New	8.750	110mm	Plastic	1:80
				b	New	8.800	110mm	Plastic	1:80
				c	New	8.800	110mm	Plastic	1:80
				d	New	8.750	110mm	Plastic	1:80
FMH 05		Existing Masonry Manhole COMBINED	10.507	a	Existing	8.307	110mm	Clay	1:80
				b	Existing	8.307	110mm	Clay	1:80
				c	New	8.307	110mm	Clay	1:80



DRAWING STATUS

Planning - Site

PROJECT

191 Victoria Rd, Port Talbot - Residential Dwelling

TITLE

Foul Drainage Scheme

CLIENT

Mr & Mrs G Thomas

DRAWN BY

Gareth Owen

DATE

02.12.22

SCALE (@A3)

1 : 200

PROJECT NO.

GOCD GKT01

DRAWING NO.

S004

REV

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