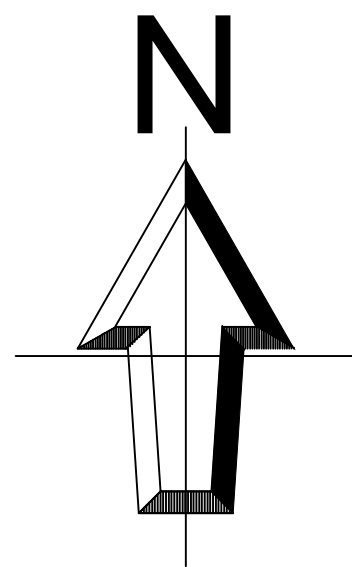




KEY

- Adoptable surface water sewer
- Adoptable foul water sewer
- Public sewer diverted under Section 185 Agreement

The position of SV/Hub stack and RWP are approximate only.
Use Architects drawings to locate and check.
All levels relate to OSBM and the topographical survey.



- YORKSHIRE WATER SEWER NOTES
- All adoptable sewer works and materials to be in accordance with 'Code for Adoption'. The relevant British/European and Yorkshire Water's Standards/Requirements/Addendum to the Mechanical and Electrical Specification and Kitemarked.
 - Manhole covers shall 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 of and to the satisfaction of Yorkshire Water before any sewer works are carried out.
 - Yorkshire Water is not obliged to accept filter drain/land drainage run-off into the public sewer network or adoptable drainage system (directly or indirectly). An alternative method of disposal of the land drainage run-off with therefore be required and you will have to liaise with the Local Authority, Land Drainage Section with the regard to the disposal of the filter drain/land drain run-off.
 - The adoptable sewers should be a minimum of 1m and manholes 0.5m from kerb faces and service margins.
 - Sewers must have 5m clearance from trees and hedges or the width of the canopy at mature height.
 - Sewers to be laid with Class 'S' Bedding (150mm granular bed and surround). Where depth of cover to top of sewer is less than 1.2m in highways and verges (or less than 900mm in none vehicular areas), then a concrete slab should be provided above the granular bed and surround.
 - Bedding and backfill material to conform to the requirements of the Water Industry Specification 4-08-02 (Table A2).
 - Yorkshire water policy is not to accept Type 'c' brick manholes and 1500mm diameter rings. 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 1-1.5m.
 - Adoptable plastic sewer pipes to be BS Kitemarked (certified to WIS 4-3-01 and BS EN 13476). Adoptable plastic sewer pipes to be laid in 3 metre lengths unless there is a specific operational need to lay longer lengths. Plastic channel sections in manholes are not acceptable and Yorkshire Water would prefer clayware channels in manholes. We have found that plastic channels are difficult to set in concrete because they float and a satisfactory finish cannot be obtained on the benching.
 - The minimum crushing strength for clay pipes should be as follows:- 100mm dia 40kN/m, 150mm dia 40kN/m, 225mm 45kN/m and 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 EN 13476.
 - 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.
 - There must be enough clearance at crossovers to accommodate bedding for both pipes approx. 300mm if crossover is near the rocker then the clearance needed may need to be increased.

A	DRAFT first issue for discussion and approval of Developer and Architect.	24-10-23
REV	DETAILS	DATE

SCALE = 1:250 @ A0



CHARTERED CIVIL ENGINEER

HM Design
10 The Green
York
YO26 5LR
07919 031289
Client
RMH PROPERTIES LTD

Drawing Title
SECTION 104
SEWER PLAN

Site Address
Phases 2 and 3
Paddock Road
Staincross
Barnsley S75 6LG

Drawn HM	Checked HM	
Dwg.No. YH753/27A		Date 24/10/2023