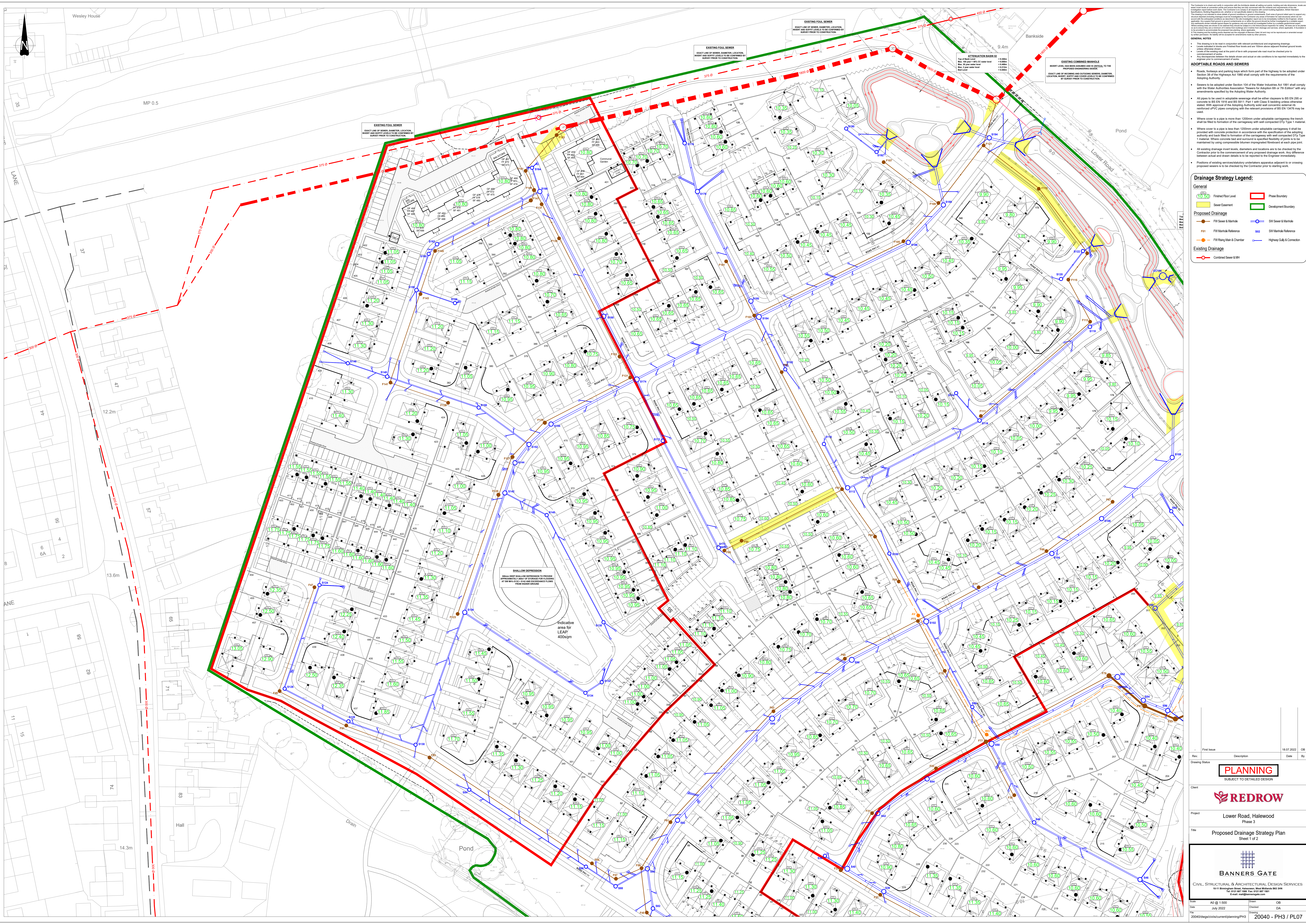




The Engineer is to check and verify the information and data provided and to ensure that the design is in accordance with the relevant standards and regulations. The Engineer is not to be held responsible for any errors or omissions in the design or for any consequences arising therefrom. The Engineer is to be held responsible for the design and construction of the sewerage system and for the performance of the system. The Engineer is to be held responsible for the design and construction of the sewerage system and for the performance of the system. The Engineer is to be held responsible for the design and construction of the sewerage system and for the performance of the system.

GENERAL NOTES

- This drawing is to be used in conjunction with the relevant architectural and engineering drawings.
- Levels indicated on this drawing are Finished Floor Levels and are 100mm above relevant ground levels.
- Levels of the existing and proposed sewerage system shall be checked prior to construction.
- Any discrepancy between the details shown and actual site conditions is to be reported immediately to the Engineer prior to commencement of work.

ADAPTABLE ROADS AND SEWERS

- Roads, footways and parking bays which form part of the highway to be adopted under Section 38 of the Highways Act 1980 and comply with the requirements of the Adopting Authority.
- Sewers to be adopted under Section 154 of the Water Industries Act 1991 shall comply with the Water Authorities Association "Sewers for Adoption (8th or 7th Edition)" with any amendments specified by the Adopting Water Authority.
- All pipes to be used in adoptable sewerage shall be either daywater to BS EN 206 or concrete to BS EN 1916 and BS 5911 Part 1 with Class 5 bedding unless otherwise stated. With approval of the Adopting Authority and in accordance with the relevant provisions of BS EN 14784 may be used.
- Where cover to a pipe is more than 1200mm under adoptable carriageway the trench shall be filled to formation of the carriageway with well compacted DTP Type 1 material.
- Where cover to a pipe is less than 1200mm under adoptable carriageway it shall be provided with concrete protection in accordance with the specification of the adopting authority and back filled to formation of the carriageway with well compacted DTP Type 1 material. Where concrete bed and surround is specified flexibility of joints is to be maintained by using compressible bitumen impregnated fibreglass at each pipe joint.
- Existing drainage invert levels, diameters and locations are to be checked by the Contractor prior to the commencement of any proposed change work. Any difference between actual and drawn details is to be reported to the Engineer immediately.
- Position of existing inter-communicatory underdrains adjacent to or crossing proposed sewers is to be checked by the Contractor prior to starting work.

Drainage Strategy Legend:

General

- Finished Floor Level
- Sewer Easement
- Phase Boundary
- Development Boundary

Proposed Drainage

- FVW Sewer & Manhole
- FVW Manhole Reference
- FVW Manhole Reference
- FVW Manhole & Chamber
- SW Sewer & Manhole
- SW Manhole Reference
- Highway Gully & Connection
- Combined Sewer & MH

Rev.	First Issue	15.07.2022	OB
Rev.	Description	Date	By
1	PLANNING		
SUBJECT TO DETAILED DESIGN			
Client	REDROW		
Project	Lower Road, Halewood Phase 3		
Title	Proposed Drainage Strategy Plan Sheet 1 of 2		
BANNERS GATE			
CIVIL, STRUCTURAL & ARCHITECTURAL DESIGN SERVICES			
10011 Birmingham Road, Birmingham, West Midlands B36 8PH			
Tel: 0121 481 1888 Fax: 0121 481 1881 Email: enquiries@bannersgate.co.uk			
Drawn	Ad @ 1:500	Drawn	OB
Date	July 2022	Checked	DA
20040/bgw/civil/structure/planning/PH3			
20040 - PH3 / PL07			

