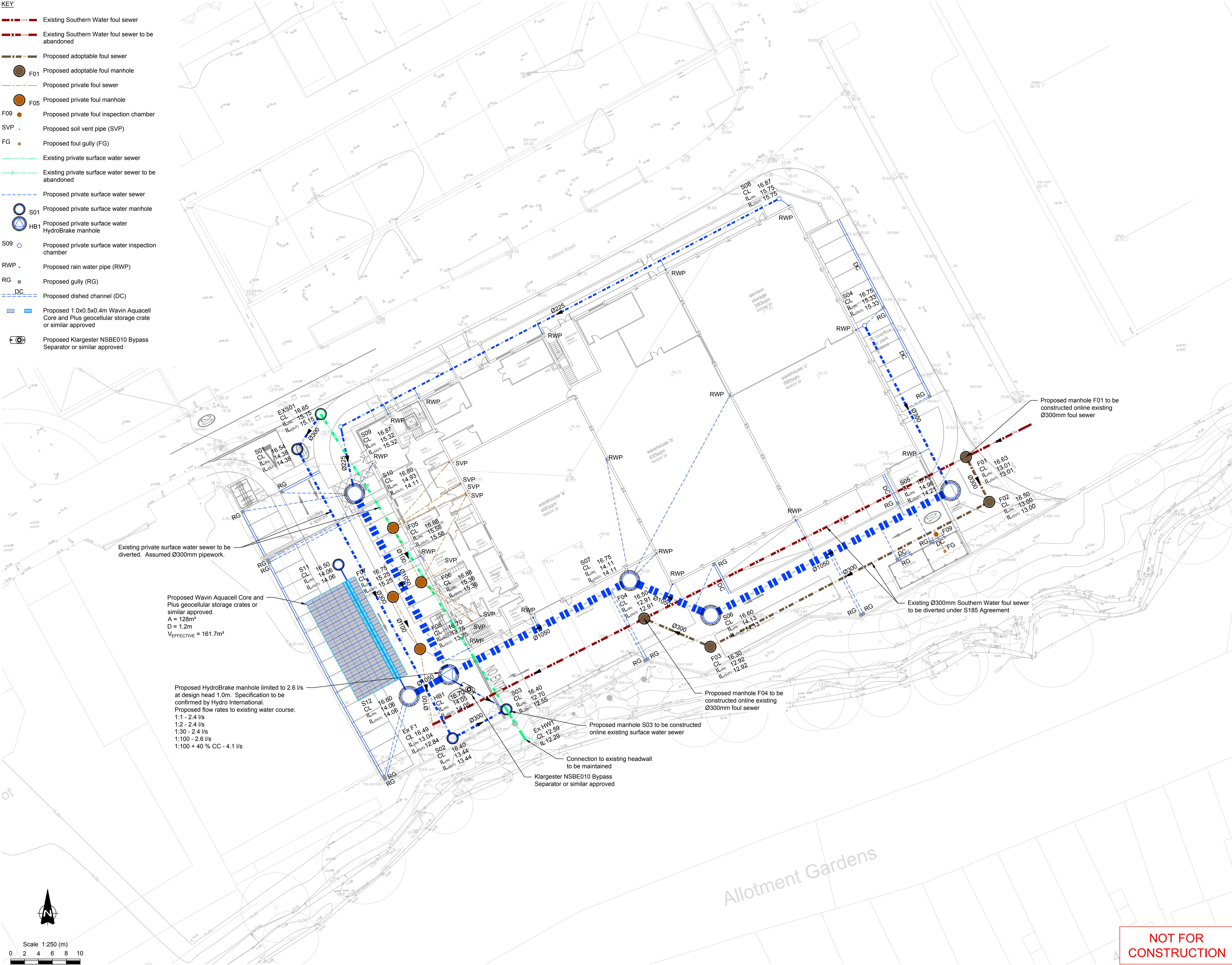


KEY

- Existing Southern Water foul sewer
- Existing Southern Water foul sewer to be abandoned
- Proposed adoptable foul sewer
- Proposed adoptable foul manhole
- Proposed private foul sewer
- Proposed private foul manhole
- Proposed private foul inspection chamber
- Proposed soil vent pipe (SVP)
- Proposed foul gully (FG)
- Existing private surface water sewer
- Existing private surface water sewer to be abandoned
- Proposed private surface water sewer
- Proposed private surface water manhole
- Proposed private surface water HydroBrake manhole
- Proposed private surface water inspection chamber
- Proposed rain water pipe (RWP)
- Proposed gully (RG)
- Proposed ditch channel (DC)
- Proposed 1.0x0.5x0.4m Wavin Aquacell Core and Plus geocellular storage crate or similar approved
- Proposed Klargester NSBE010 Bypass Separator or similar approved



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GENERAL NOTES

- All setting out to be in accordance with the Architects drawings. Any discrepancies between the Engineers and the Architects drawings to be referred to the Architect before proceeding. Dimensions must not be scaled.
- All drainage to be installed in accordance with relevant Building Regulations documents and Sewers for Adoption 7th edition where applicable
- Connections to public sewers to be agreed and inspected by Southern Water
- Invert level, size and cover levels to existing manholes and sewers to be checked prior to any construction. Any discrepancies to be reported immediately.
- Invert to base of soil stack bends to be 450mm below lowest branch connection for up to 3 storeys buildings
- All rain water pipe and foul drain point setting out is to be confirmed by Architect
- All rain water pipe and soil vent pipe sizes and setting out by Architect / M&E Engineer. All below ground connections to match above ground outlet size, min 100/110mm diameter.
- Foul drains to project 100mm above finished floor level
- All internal manholes and inspection chambers to have double sealed recessed covers to suit floor finishes by Architect
- All external covers in footpaths and roads in non tarmac areas to have recessed trays to suit the paving material
- Refer to drainage specification for pipe materials
- All pipework to be Ø100/110 unless otherwise noted. Refer to note 7 for connection sizes.
- All foul and surface water drainage stacks to have above ground rodding access, refer to above ground drainage layout by others
- This drawing has been produced in colour and should be reproduced in colour for clarity
- A CCTV Survey and report in WINCAN format for all new drainage will be required before the "As Built" drawings will be issued.

Source:

- Topographical survey by Solent Surveys Drawing No. 13747
- Proposed site layout by PDP Architecture Drawing No. 27974-TD201
- Architectural floor plans by PDP Architecture Drawing No. 27974-TD202

T04	Proposed surface water runoff rates reduced to meet existing conditions	AJC GT	18/12/18
T03	Proposed foul and surface water drainage redesigned as part of value engineering	AJC	30/11/18
T02	Extent of permeable paving revised	MDL RJS	04/10/18
T01	Issued for Design and Build Tender	MDL RJS	07/09/18

Rev.	Amendment	Dm	Chkd	Date
Drg. Status				Suitability

TENDER

D2

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Birmingham

Client **MIPA Paints**

Project **Proposed Development
Fulflood Road
Leigh Park**

Title **Drainage Layout**

Reviewed Scheme RJS Date 30/08/18

Reviewed Final Date

Scales at A1 1:250 Project No. **S158024**

Project Ref. Originator Zone Level Type Role Drg No. Rev.

WMP AKSW XX XX DR C 92005 T04