

KEY

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|  | Existing Southern Water foul sewer |
|  | Existing Southern Water foul sewer to be abandoned |
|  | Proposed adoptable foul sewer |
|  | F01 Proposed adoptable foul manhole |
|  | Proposed private foul sewer |
|  | F05 Proposed private foul manhole |
|  | F09 Proposed private foul inspection chamber |
|  | SVP Proposed soil vent pipe (SVP) |
|  | FG Proposed foul gully (FG) |
|  | Existing private surface water sewer |
|  | Existing private surface water sewer to be abandoned |
|  | Proposed private surface water sewer |
|  | S01 Proposed private surface water manhole |
|  | HB1 Proposed private surface water HydroBrake manhole |
|  | S09 Proposed private surface water inspection chamber |
|  | RWP Proposed rain water pipe (RWP) |
|  | RG Proposed gully (RG) |
|  | Proposed ditched 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

1. 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.
2. All drainage to be installed in accordance with relevant Building Regulations documents and Sewers for Adoption 7th edition where applicable
3. Connections to public sewers to be agreed and inspected by Southern Water
4. Invert level, size and cover levels to existing manholes and sewers to be checked prior to any construction. Any discrepancies to be reported immediately.
5. Invert to base of soil stack bends to be 450mm below lowest branch connection for up to 3 storeys buildings
6. All rain water pipe and foul drain point setting out is to be confirmed by Architect
7. 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.
8. Foul water to project 100mm above finished floor level
9. All internal manholes and inspection chambers to have double sealed recessed covers to suit floor finishes by Architect
10. All external covers in footpaths and roads in non tarmac areas to have recessed trays to suit the paving material
11. Refer to drainage specification for pipe materials
12. All pipework to be Ø100/110 unless otherwise noted. Refer to note 7 for connection sizes.
13. All foul and surface water drainage stacks to have above ground rodding access, refer to above ground drainage layout for details
14. This drawing has been produced in colour and should be reproduced in colour for clarity
15. A CCTV Survey and report in WINSCAN 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

— Proposed manhole F01 to be constructed online existing Ø300mm foul sewer

— Existing Ø300mm Southern Water foul sewer to be diverted under S185 Agreement

Existing private surface water sewer to be diverted. Assumed Ø300mm pipework.

Proposed Wavin Aquacell Core and Plus geocellular storage crates or similar approved.
 $A = 128\text{m}^2$
 $D = 1.2\text{m}$
 $V_{\text{EFFECTIVE}} = 161.7\text{m}^3$

Proposed HydroBrake manhole limited to 2.6 at design head 1.0m. Specification to be confirmed by Hydro International.

Proposed flow rates to existing water course:

- 1:1 - 2.4 l/s
- 1:2 - 2.4 l/s
- 1:30 - 2.4 l/s
- 1:100 - 2.6 l/s
- 1:100 + 40 % CC - 4.1 l/s

Proposed manhole S03 to be constructed
online existing surface water sewer

section to existing headwall
maintained

010 Bypass
ear approved

Proposed manhole F04 to be constructed online existing Ø300mm foul sewer

PROPOSED LOCATION OF
EXCAVATION - ATTENUATION
TANK

NOT FOR
CONSTRUCTION

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
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Drg. Status **TENDER** Suitability **D2**

AKS Ward[®]

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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	Drm.No.	Bau.

WMP · AKSW · XX · XX · DR · C · 92005 - T04