



Key

- Proposed adoptable thames water section 104 foul sewer
- Proposed adoptable thames water section 104 surface sewer
- Section 104 rising main
- Oxfordshire county highway adoptable drain
- Oxfordshire county highway adoptable road gully
- Proposed Swale (Swale to surface water drainage connection for the spine and ancillary road drainage to attenuation basins)
- Flood Exceedance Route
- Drainage within boundary in support of Spine Road reserved matters application
- Drainage within boundary in support of Ancillary Road reserved matters application

General Drainage Notes:

- The planning, design and construction of sewers shall be in accordance with Sewers for Adoption 15th Edition, a design and construction guide for developers, the Civil Engineering Specification for the Water Industry 7th Edition and Thames Water amendments to CEM 4.
- All Adoptable sewers within adoptable highway with less than 1.2m cover to have reinforced concrete slab protection. All Adoptable sewers within grassed areas with cover less than 0.6m to have reinforced concrete slab protection. All areas with greater cover than the minimum required to have type 5 laid and surround.
- Soiled and lockable covers to be supplied where specified on manhole schedule.
- Use of this drawing does not absolve the client from his responsibilities under the Health and Safety, The Construction Design and Management Regulations 2015. The Principal Designer is required to contact Hydrop Consultants prior to permitting this drawing to be used in connection with any construction works.
- All sewers to be laid soffit to soffit unless otherwise shown.
- It is the Contractor's responsibility to locate existing services on site accurately.
- The Contractor should comply with h47 'Avoiding Danger from Underground Services' when excavating around existing services.
- The Contractor is to verify the line, level and diameter of existing sewers before commencing drainage works.
- All levels are to OS datum.
- Compliance with Health & Safety matters on any trenchmanhole is obligatory and a permit to enter a confined space is required when connecting site drainage to the existing public sewerage system. A permit to enter a confined space will be obtained from Thames Water Ltd prior to the works commencing on any public sewerage system.
- Proposed adoptable sewers are only permitted to have other sewerage connections and other services laid at an angle of between 45° and 90° across the line with a vertical clearance in excess of 300mm.
- Where sewers are to be constructed inside the restricted tree zone a suitable tree protection barrier is to be installed to Thames Water's specification.
- Refer to Section 104 drawing for a full set of construction specification notes.
- Contractor to refer to drainage layout drawings for highway gully connections.
- 14. Drawing to be read in conjunction with drainage strategy report WPF-HYD-XX-XX-RP-0001**
- 15. Refer to drawing WPF-HYD-XX-XX-DR-C-2101 for attenuation basins and swale profiles**

Hydrock

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Notes:

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PE	26/01/21	Flood exceedance routes added to drawing.	RAP	JD
PS	16/12/20	Highway application boundaries added to drawing.	RAP	JD
P4	23/11/20	Minor updates to swale profile. Note 14 and 15 added.	RAP	JD
P3	09/10/20	Updated levels on foul run through spine road and southern foul link.	RFS	SM
P2	14/09/20	Updated pipework diameters to account for 40% allowance for climate change.	RFS	SM
P1	15/03/18	First Issue	RFS	SM
Rev	Date	Description	By	Chk

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Project:
WYKHAM PARK FARM
BANBURY

Client:
L&Q ESTATES

Drawing Title:
DRAINAGE LAYOUT
SHEET 1

Project Number:
C-04841-C

Drawn:	Checked:	Scale @ AD:	Drawn Date:	First Issue:
RFS	SM	1:500	15/03/18	

Drawing Status:
SUITABLE FOR INFORMATION

Drawing No. WPF-HYD-XX-XX-DR-C-0601 **Revision** P6