



General Drainage Notes:

- The planning, design and construction of sewers shall be in accordance with Sewers Sector Guidance Appendix C, Design and Construction Guidance, the Civil Engineering Specification for the Water Industry 7th Edition and Thames Water amendments to CESWI.
- 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 0.9m to have reinforced concrete slab protection. All areas with greater cover than the minimum required to have type S bed and surround.
- 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 Hydrock 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.
- All levels are to OS datum.
- Where sewers are to be constructed inside the restricted tree root zone a suitable tree root protection barrier is to be installed to Thames Water's specification.
- Designs are subject to change through detailed design.
- Refer to Hydrock Technical Note 22006-HYD-P1-XX-TN-C-0001 for details of the drainage strategy.
- Proposed drainage strategy:
Discharge rate - 43.4 l/s
Total contributing area - 4.498ha

DRAINAGE LEGEND

- PROPOSED ADOPTABLE SECTION 104 FOUL SEWER
- SECTION 104 RISING MAIN
- PROPOSED ADOPTABLE SECTION 104 SURFACE WATER SEWER
- SWINDON BOROUGH COUNCIL HIGHWAY ADOPTABLE DRAIN
- SWINDON BOROUGH COUNCIL HIGHWAY ADOPTABLE DRY SWALE - DETAIL TO BE CONFIRMED
- PROPOSED DRY SWALE
- PROPOSED OPEN SWALE
- INDICATIVE RAIN GARDEN LOCATIONS
- TANKED PERMEABLE PAVING TO BS7533-13:2009

REVISIONS

Rev	Date	Description	By	Ckd	App
P03	14/10/22	CL & ILS updated to match revised road levels, Permeable paving added.	JG	JG	JRC
P02	05/07/22	Pond designs revised	NJ		JRC
P01	27/06/22	First Issue.	JL	GH	JRC

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CLIENT
COUNTRYSIDE

PROJECT
LOTMEAD FARM

TITLE
PRELIMINARY DRAINAGE STRATEGY
SHEET 2 OF 4

HYDROCK PROJECT NO. C-22006-C	SCALE @ A1 1 : 500	STATUS S2
STATUS DESCRIPTION INFORMATION		REVISION P03
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) 22006-HYD-P1-XX-DR-C-2201		