



- General Drainage Notes:
- The planning, design and construction of sewers shall be in accordance with the Sewers Sector Guidance Appendix C: Design and Construction Guidance, the Civil Engineering Specification for the Water Industry 7th Edition.
 - 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 private drainage to comply with current Building Regulations, BS EN-752 Drain and Sewer systems outside Buildings and other relevant British Standards and Codes of Practices.
 - All sewers to be laid soffit to soffit unless otherwise shown.
 - It is the Contractors responsibility to locate existing services on site accurately.
 - The Contractor should comply with hsg) 47 "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, based on the topographical survey.
 - Compliance with Health & Safety matters on any trench/manhole 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 sewer/gully 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 root zone a suitable tree root protection barrier is to be installed.
 - All svp and two positions shown are approximate only. For construction of svp/s and rwp/s refer to architects detailed construction drawings. Any discrepancies to be reported to the engineer prior to construction.
 - All private pipework shown is 100mmØ unless otherwise indicated.
 - Refer to Section 104 drawing for a full set of construction specification notes.
 - Gully catchments designed at max 180m² catchment area based on recent OCC correspondence and approvals.
 - Any and all construction undertaken prior to technical approval is done so at risk.**

DRAINAGE LEGEND	
	PROPOSED ADOPTABLE WATER SECTION 104 FOUL SEWER (Refer to manhole schedule for ring Ø)
	PROPOSED ADOPTABLE WATER SECTION 104 SURFACE SEWER (Refer to manhole schedule for ring Ø)
	PHASE 1B PROPOSED ADOPTABLE WATER SECTION 104 FOUL SEWER (Refer to manhole schedule for ring Ø)
	PHASE 1B PROPOSED ADOPTABLE WATER SECTION 104 SURFACE SEWER (Refer to manhole schedule for ring Ø)
	OXFORDSHIRE COUNTY HIGHWAY ADOPTABLE ROAD GULLY (150mmØ pipe connection)
	SURFACE WATER MANHOLE (Private) (Precast concrete ring 1.2mØ chamber built to adoptable standard)
	FOUL WATER INSPECTION CHAMBER (PVC-U 450mm DIA. Max 1.2m depth - reduced access to 3.0m)
	SURFACE WATER INSPECTION CHAMBER (PVC-U 450mm DIA. Max 1.2m depth - reduced access to 3.0m) (300mm min catchpit directly upstream of soakaway)
	FOUL WATER SHALLOW ACCESS CHAMBER (Depth to invert 600mm from GL 225 x 100mm OR 180mm DIA.)
	RODDING EYE (Depth to invert is 600mm unless otherwise shown, levels to be locally raised when close to shallow foul manholes to avoid clashing)
	CONCRETE DISH CHANNEL (Private yard gully located downstream of channel)
	LINEAR DRAINAGE CHANNEL (150mm wide at threshold of garage)
	PRIVATE CELLULAR STORAGE SOAKAWAY (Sized to accommodate up to the 1:100 year storm + 30% increase for climate change)
	LAND DRAIN WITH 75mm SLOTTED PIPE (To discharge to granular surround, not to piped network)

REVISIONS			
C04	18/02/25	Land drainage added.	DN OD OD
C03	28/01/2025	Raised table near plot 18 adjusted 400mm to suit gully location. Gully updated to suit as built	OD OD OD
C02	24/01/25	Gully positions updated as clouded	JH SM SM
C01	20/12/24	Construction Issue. Updated to latest layout.	DN SM OD
P06	06/12/24	Tank annotations added	OD OD OD
P05	05/12/24	Connecting SW I to S11 updated, raised table added nr plot 19, CLs (S203 & S204) & gullies updated.	OD OD OD

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PROJECT
HIMLEY VILLAGE, BICESTER

TITLE
PHASE 2A DRAINAGE LAYOUT
SHEET 3 OF 3

HYDROCK PROJECT NO: C-27141-C		SCALE @ A1 1 : 250	
STATUS DESCRIPTION FOR CONSTRUCTION			STATUS A1
DRAWING NO. (PROJECT CODE-ORIGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) 27141-HYD-2A-XX-DR-C-0602			REVISION C04