



- Notes:**
1. Scale for planning purposes only.
 2. All adoptable drainage shall be in accordance with Sewer Sector Guidance Appendix C: The Design and Construction Guidance and statutory undertakers requirements
 3. The proposed drainage aims to provide a SuDS management train through incorporating, where practical, swales, detention basins, bioretention features, tree pits and permeable paving across the site.
 4. At this stage of the masterplan is indicative of establishing land use as per the requirements of an outline planning application. As such, it is not possible to provide further detail of SuDS features however, as the plan progresses the proposals will be refined and incorporate treatment train measures.
 5. This drawing is for information purposes only

Calculations

Discharge rates and surface water storage calculations have been based on 65% of the developable area. This 65% accounts for an estimated 55% to become impermeable + 10% allowance for urban creep.

Total Developable Area: 17.86ha
Total Estimated Impermeable Area = 11.62ha
Total Discharge rate (QBAR): 123l/s
Storage Required: 8,877m³
Storage Provided: 10,564m³

- Key:**
- Existing Watercourse/Ditch
 - Proposed Surface Water Attenuation
 - Proposed 3m Maintenance Easement (Attenuation)
 - Proposed Surface Water Sewer
 - Proposed Foul Sewer
 - Potential Foul Rising Main Route
 - Existing STW Foul Sewer
 - Indicative Swale/Rain Garden (SuDS)
 - Proposed Swale (Surface Water Mitigation)
 - Proposed Culvert (Surface Water Mitigation)

P6	10.07.26	Updated Following Client Comment	SR	CG
P5	25.06.26	Updated Masterplan	SR	CG
P4	17.06.26	Updated For Planning	SR	CG
P3	22.05.26	Updated Masterplan	SR	CG
P2	13.02.26	Revised Masterplan	SR	CG
P1	14.10.25	First Issue	SR	SM
Rev	Date	Details	By	Chkd



CLIENT:

Bellway Homes Limited

PROJECT:

Land Sout of Bosworth Academy, Desford

TITLE:

Preliminary
Drainage Strategy

SCALE @ A1:	DATE:	DRAWN:	CHECKED:	APPROVED:
1:1250	14/10/25	SR	CG	SM
STATUS: Preliminary				
DRAWING NO:				REVISION:
250883-RAP-XX-XX-DR-D-3100				P6