



**DO NOT SCALE OFF THIS DRAWING**

**Notes:**

- This drawing is not to be used for construction; it is preliminary and intended for informational purposes only. It is subject to change during the design process.
- All dimensions in metres unless otherwise stated.
- Proposed works are based on the topographic survey provided by MK Surveys, (ref: 34921.dwg) dated October 2024.
- This drawing is based upon drawing number 24.1945.1000P Wickhurst Green - Proposed Site Layout, supplied by FINC, Markides Associates shall not be liable for any inaccuracies or deficiencies.
- No deviation from the details shown on this drawing is permitted without prior approval from the Engineer.

**Key:**

- Proposed Adoptable Surface Water Drainage
- Proposed Adoptable Surface Water Chamber
- Proposed Adoptable Surface Water Flow Control
- Proposed Adoptable Foul Water Drainage
- Proposed Adoptable Foul Water Chamber
- Proposed Private Surface Water Drainage
- Proposed Filter Strip
- Proposed Permeable Paving
- Proposed Permeable Subbase
- Proposed Attenuation Tank
- 6m Adopted Sewer Easement
- 3m Watercourse Easement
- Culverted Watercourse
- Proposed Attenuation Basin
- Proposed Bagwork Headwall

Revision History					
Rev	Comment	By	Chkd	Appr	Date
P03	UPDATED FOLLOWING LLFA COMMENTS	OT	SS	HJ	21.11.25
P02	UPDATED DRAINAGE STRATEGY	OT	SS	HJ	22.10.25
P01	DRAFT FOR COMMENT	OT	SS	HJ	31.03.25

Current Revision					
Rev	Comment	By	Chkd	Appr	Date
P03	UPDATED FOLLOWING LLFA COMMENTS	OT	SS	HJ	21.11.25

**Designer Notes:**

- Surface water drainage based on a proposed total discharge rate of 11.2 l/s into the existing watercourse on site (equivalent to the 1 in 1 year greenfield run-off rate). The total impermeable area for the site is 1.218 ha, with 50.3% on the western parcel (0.612 ha) and 49.7% on the eastern parcel (0.605 ha). The discharge rate will be split into 5.63 l/s for the western parcel and 5.57 l/s for the eastern parcel based on the percentage of the overall impermeable area for each parcel.
- Based on the areas and discharge rates described in note 6 and using the Quick Storage Calculation feature in InfoDrainage the required on site attenuation for each parcel is up to the following volumes:  
Western Parcel: 533m<sup>3</sup>  
Eastern Parcel: 527 m<sup>3</sup>
- These are preliminary volumes and subject to change. Attenuation is proposed to be within the subbase of the proposed permeable paving areas.

**PRELIMINARY**

**VISTRY**

**MARKIDES ASSOCIATES**  
TRANSPORT PLANNING AND ENGINEERING

Project: **WICKHURST GREEN BROADBRIDGE HEATH**

Drawing Title: **PROPOSED DRAINAGE STRATEGY SHEET 2 EASTERN PARCEL**

Markides Associates reference: 24184 1:250@A1

24184-MA-XX-XX-SK-C-0501 - P03

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