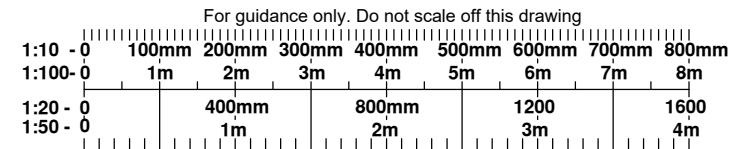




- Key
- Proposed Manhole/ Inspection Chamber
 - Proposed Pipework
 - Proposed Perforated Pipework
 - Proposed Diffuser Unit
 - Proposed Outfall (Options 1 & 2)
 - Proposed Surface Water Attenuation/ Treatment within granular sub-base
 - Proposed Contributing Area

Notes:-



Do NOT scale from this drawing.

Site layout based on architects drawing: 2237-0050-P06- Proposed Site Plan.

The drawing should be read in conjunction with the Surface Water Drainage section of the Flood Risk Assessment and accompanying Drainage calculations undertaken by Michael Evans & Associates Ltd.

This drawing is indicative only and is intended to illustrate a surface water drainage option to ensure that the site can be safely and sustainably drained and attenuated to ensure that there is no increased risk of flooding to offsite areas as a result of the proposed development, and to confirm that a viable surface water connection from the site is available. It is not intended to be a detailed design or construction drawing and should not be relied upon as such.

All calculations and levels are indicative only and will be subject to refinement at the detailed design stage.

Indicative calculations have been used to confirm the size of the attenuation storage required. For the purposes of the outline drainage strategy, surface water attenuation is provided within the sub-base of the parking areas within the sub-base of the paving.

Attenuation requirements have been based on a restricted discharge at 5l/s connected to the ordinary watercourse to at the eastern boundary of the site, and does not require any third party land agreements.

Flows from the site to be controlled via a hydrobrake vortex flow control, or similar approved. To be confirmed as part of the detailed design and construction phase of works.

Flows from events up to and including the 1 in 100 + 40% Climate Change year flows are accommodated within the simulated drainage network.

A Water Quality Assessment, following the Simple Index Approach is included within the Flood Risk Assessment which confirms that permeable paving to the car parking areas provides sufficient treatment for surface water runoff from the site, and that no further treatment is likely to be required.

Additional SuDS features, such as rainwater harvesting may be incorporated into the site at the detailed design stage, subject to water usage requirements.

REV.	DATE	AMENDMENT	BY
CLIENT			
Hillmoren Ltd			
PROJECT			
Alter Stone Lane Leicester			
DRAWING TITLE			
Indicative Surface Water Drainage Strategy Layout			
SCALE 1:500			SHEET SIZE A1
MICHAEL EVANS & ASSOCIATES LTD. Consulting Civil & Structural Engineers			
34 Station Road, Draycott, Derbyshire DE72 3QB Tel. 01332 871840 Fax. 01332 871841			
DRAWN	ND	DRAWING NO.	Rev.
DATE	Jan. 2024	23-161-001	-