

John Fleming
Knowsley Metropolitan Borough Council
Planning Services - Knowsley Council
Municipal Buildings
Huyton
Knowsley
L36 9UX

John.Fleming@knowsley.gov.uk

First Floor
9 Bond Court
Leeds
LS1 2JZ
T: 0113 242 5155

Your ref: 23/02671/FUL
Our ref: J0072959

31st October 2023

Dear John,

SUBMISSION OF DRAINAGE INFORMATION FOR APPLICATION FOR A PROPOSED AFRICA HOUSE AT KNOWSLEY SAFARI PARK, PRESCOT BYPASS, PRESCOT, L34 4AN (LPA REF: 23/02671/FUL)

On behalf of our client, Stanley Enterprise ("the applicant"), we enclose drainage information to support the planning application for a new Africa House at Knowsley Safari Park, Prescott, L34 4AN.

The drainage information consists of a Drainage Strategy for the site, setting out the proposed means of surface and foul water drainage.

The Environment Agency Flood Risk Map included as Figure 4 in section 2 of the submitted Planning Statement, shows the site falls within Flood Zone 1, the lowest risk of flooding. The definition of Flood Zone 1 is set out in National Planning Policy Guidance and is defined as land assessed as having a less than 1 in 1,000 annual probability of river or sea flooding (<0.1%).

The Drainage Strategy has been prepared by Dart Engineers, Drg no. 23328-DR-C-0102 Rev P4. The Drainage Strategy follows the SUDS Hierarchy, under which the first point of discharge is via infiltration. The results of a Percolation Test carried out by Dart Engineers show soakaways are not viable on this site.

The second point of discharge is via Watercourse which there is to the west of the Africa House. It is proposed that surface water will be discharged at 0.5l/s.

Using this rate and an impermeable area of 780m², the required volume of storage for the 1 in 100 Year + 40% CC Storm is 40m³ this will be achieved using storage crates measuring 6x6x1.2m deep.

The flows will be restricted using a 31mm Hydrobrake and then discharge to the existing watercourse 'White Mans Dam' subject to confirmation with the IDB/LLFA.

Foul water from site will be stored in a Klargestar Sigma Septic Tank due to a treatment tank not being able to process animal waste subject to EA approval.

The site is to remain private, and the site owner will be responsible for the maintenance and management of the sewer.

Please can you confirm receipt of this Letter and the Drainage Strategy and please add the Drainage Strategy to the application file for consideration as part of the planning application.

Please do not hesitate to contact me with any queries.

Yours sincerely,

A handwritten signature in black ink, appearing to read 'E. Winter'.

Emma Winter MRTPI

Associate Partner

E: Emma.Winter@carterjonas.co.uk

T: 0113 2031 073 x 4073

M: 07973 505576