

In their letter, 28<sup>th</sup> May 2021, Cambridgeshire County Council LLFA have requested the following further Information be provided in respect of the proposed outfall for surface water.

*The applicant has proposed to drain surface water from the site into an existing watercourse via a 300mm diameter pipe. However, no information about this surface water network has been provided. When an applicant is planning to discharge their site into an existing Watercourse the following information is required:*

- 1. Condition of the watercourse (how well the watercourse is maintained)*
- 2. Capacity of the watercourse (the applicant must demonstrate that the watercourse has sufficient available capacity to cope with the influx of surface water from the site),*
- 3. The outfall of the watercourse (the applicant must identify a final outfall of the watercourse)*

A walk over visit was carried out on the 7<sup>th</sup> June 2021 to determine the above.

The watercourse was found to run from the known discharge point at Whitehouse Lane and follows the line of the mapped drainage which ultimately flows under the A14, as shown in the wider context map in fig 1.

The bankside of the watercourse is heavily nettled, however it was possible to determine the base of the channel in a number of locations, which shows signs of water flow. It should be noted that the watercourse currently serves the development site and a recently constructed highway drain from Whitehouse Lane.

A plan showing the walked route and locations of photographs is shown on page 4. Page 5 provides details of the cross section of the watercourse in two locations where safe access was possible. This shows there is a considerable cross section width and depth to the watercourse which is currently used to drain the development site an unattenuated rate.

Whilst the existing outfall pipe from the site to watercourse is somewhat over grown, it is considered to be functioning at the current time to drain the site as there are no reports of flooding. It is proposed that that this pipe will be thorough cleaned and jetted in due course with some localised clearing of the watercourse at point of discharge.

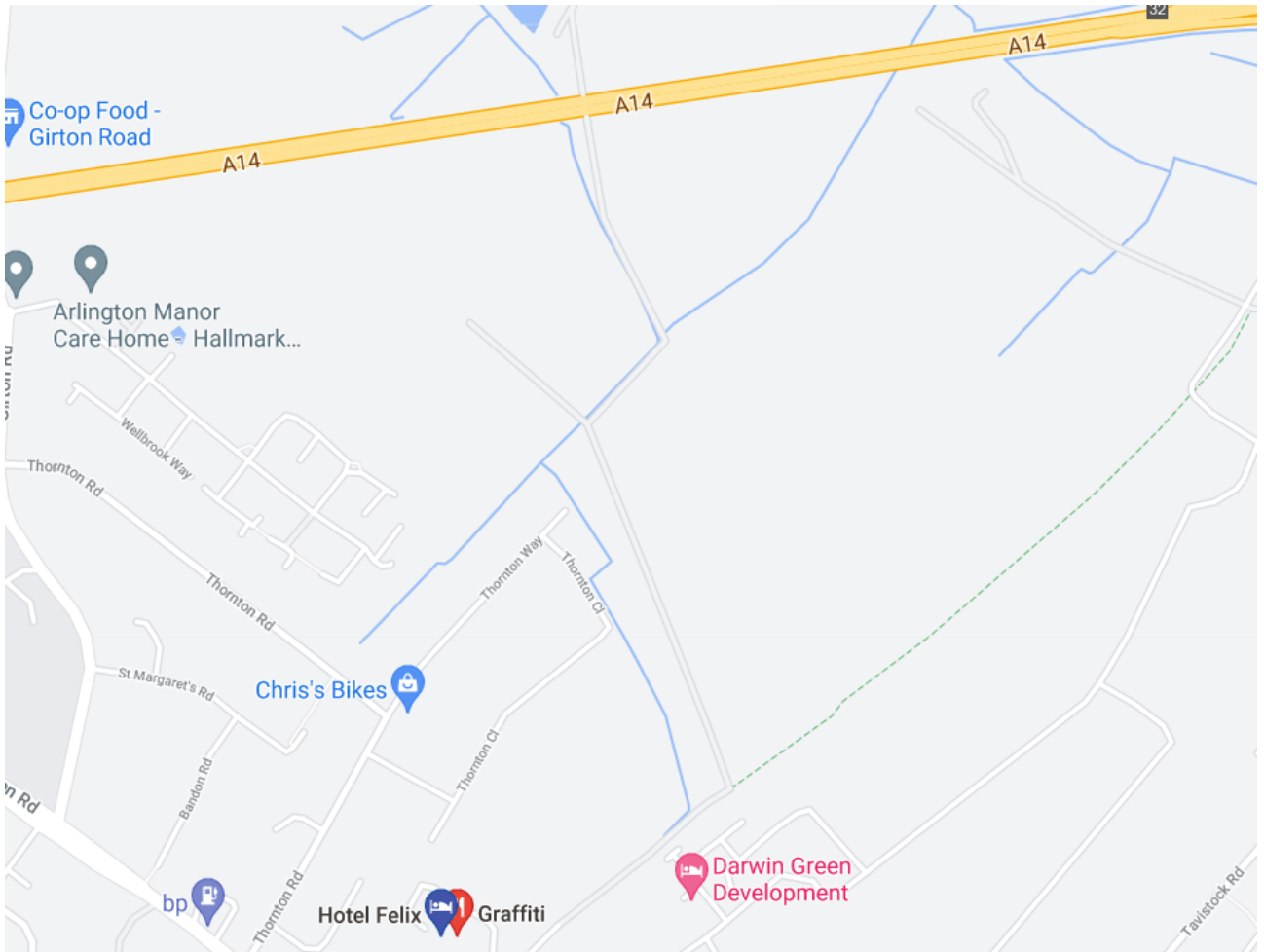
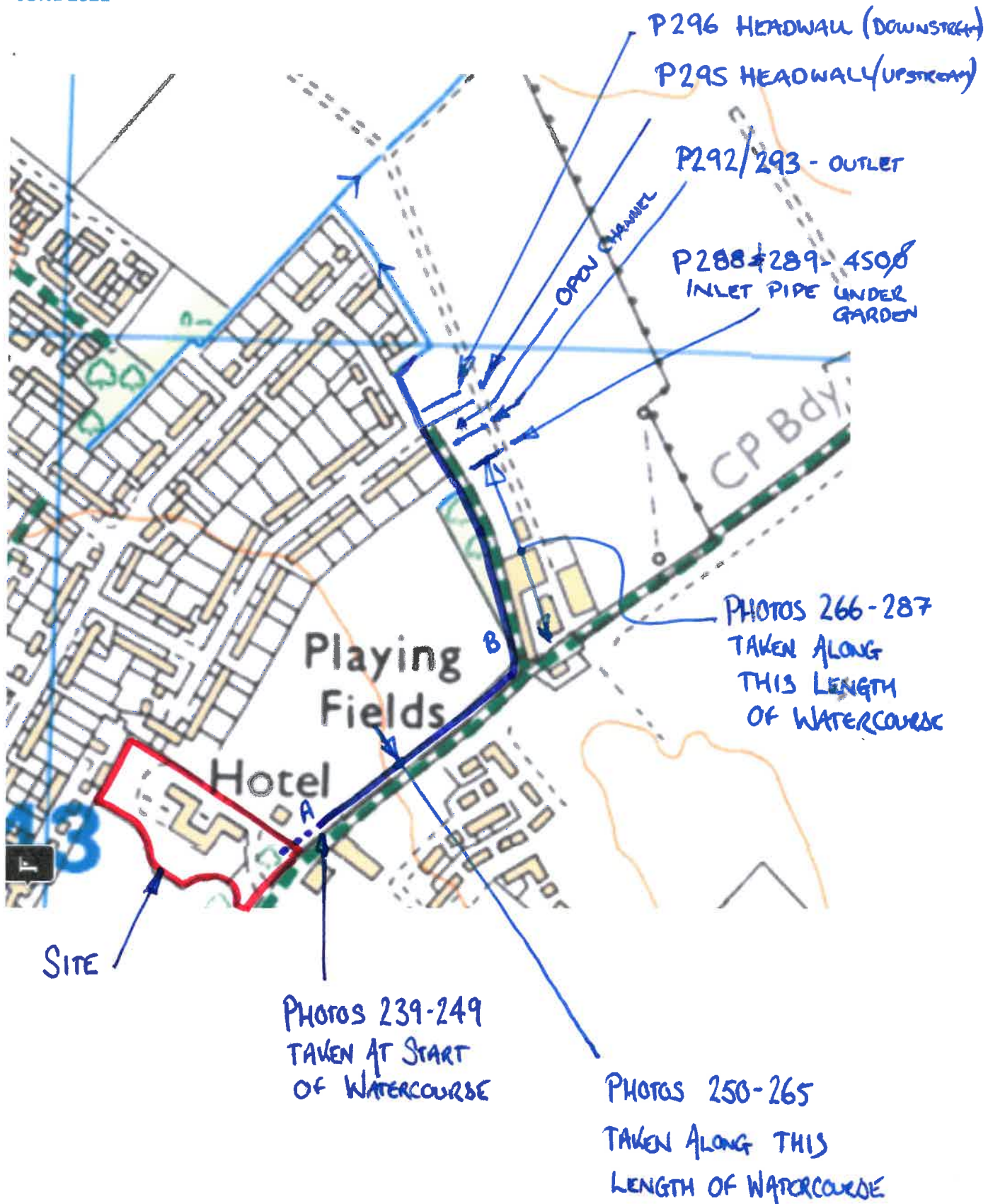


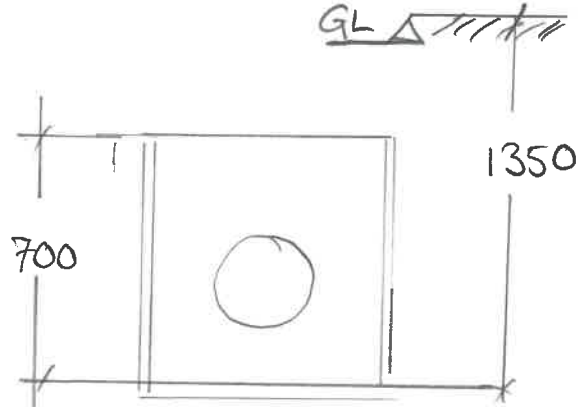
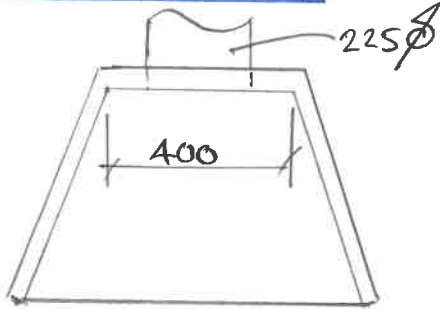
FIG 1. WIDER CONTEXT

BIRDS EYE VIEWS FROM BING MAPS

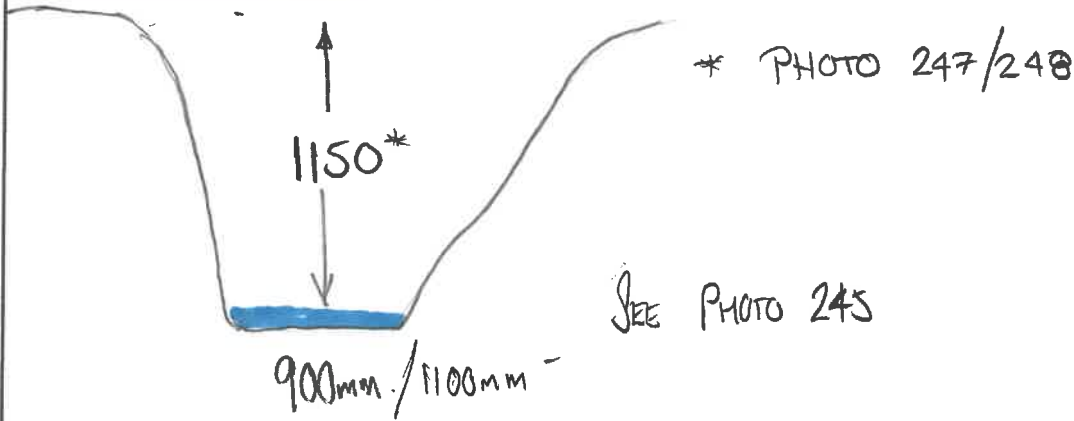




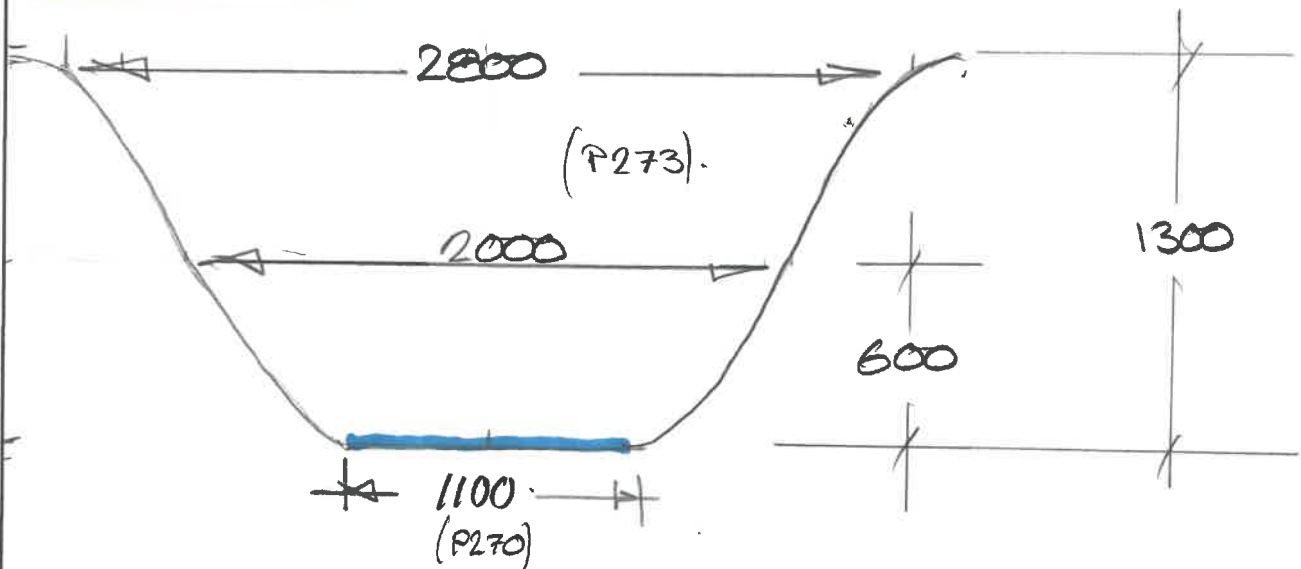
HEAD WALL @ 'A'



CROSS SECTION @ 'A'



CROSS SECTION @ 'B'





DSC\_0240



DSC\_0241



DSC\_0242



DSC\_0243



DSC\_0244



DSC\_0245



DSC\_0246



DSC\_0247



DSC\_0248



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DSC\_0251





DSC\_0252



DSC\_0253



DSC\_0254



DSC\_0255



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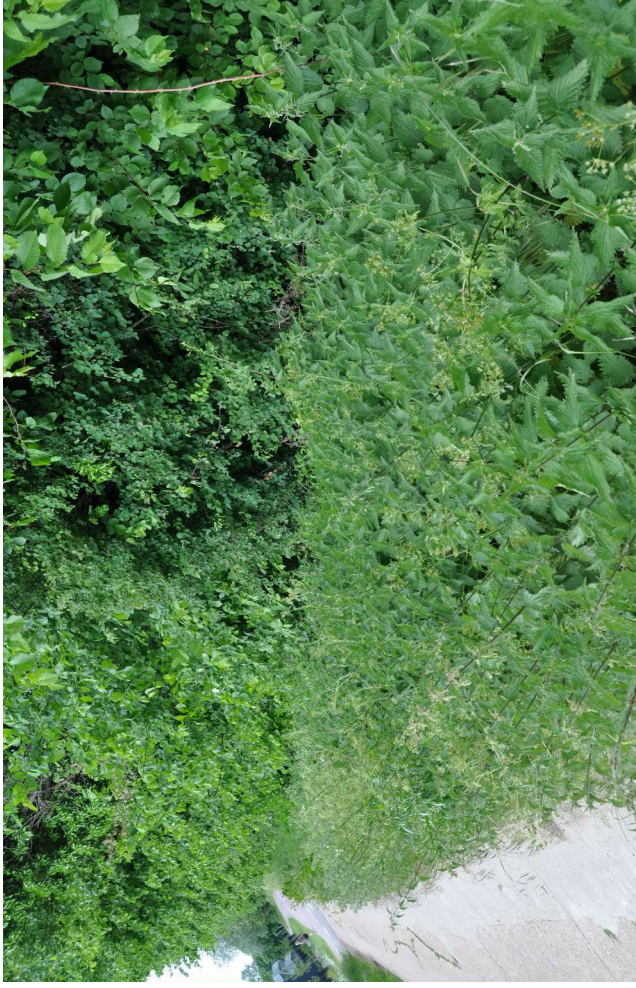
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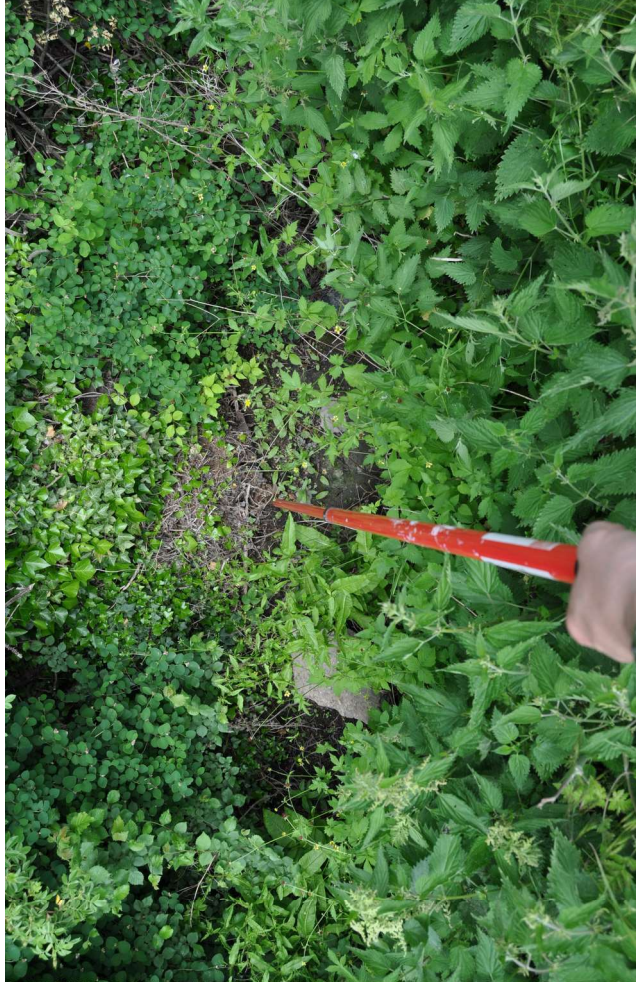
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