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Sent: 07 March 2025 10:06
To: DMAdmin <Development.ManagementAdmin@huntingdonshire.gov.uk>
[redacted]
Subject: 25/00311/AGDET detailed description and additional plans/elevations

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For the attn [redacted]

Many thanks for your letter.
I hope the detailed plan and elevations attached and description in the email below will allow you to validate our application.

Yours sincerely

[redacted]

25/00311/AGDET

DETAILED DESCRIPTION OF PROPOSED POND.

The proposed pond is kidney shaped 20m x 10m with a maximum depth of 2m. It will have gently sloping banks.

2 test pits dug at the approximate proposed location for the pond indicate that the geology is fairly typical for the area with about 80cm of clay-loam top-soil, then 35cm of yellow oxidised Jurassic clay with un-oxidised impermeable grey Jurassic clay under that.

The pond will be constructed to take advantage of the geology with a maximum depth of 2m. Grey clay removed from the bottom of the excavation will be used to create a waterproof layer to within 50cm from the surface.

Using the formula for a spherical cap, the approximate volume of the excavation will be 150m3 of which more than half will be top-soil. This will be spread thinly over the site.

The grey and yellow clay will be integrated into the pond construction.

The construction will be done by a 5 tonne excavator delivered to the main site entrance on the north-east corner. It is anticipated that work will take 1-2 days. Work will be done when ground conditions minimise compaction damage that might be done by the excavator.

The upper pond banks will be seeded with a suitable UK marginal plant mix during autumn 2025.

It is not intended to introduce any animal species into the pond. While the justification for the pond is to improve site drainage, the location falls within a high-priority area for Great Crested Newts.

Charles