

Essex County Council
**Development and Flood Risk
Waste & Environment**
C426 County Hall
Chelmsford
Essex CM1 1QH



The Planning Inspectorate
2 The Square, Temple Quay,
Bristol BS1 6PN

Date: 1st December 2022
Our Ref: SUDS-006376
Your Ref: S62A/22/0005

Dear Sir/Madam,

Consultation Response – S62A/22/0005 – Land at Canfield Moat, High Cross Lane West, Little Canfield, Dunmow, Essex

Thank you for your email which provides Essex County Council (ECC) with the opportunity to assess and advise on the proposed surface water drainage strategy for the aforementioned planning application.

As the Lead Local Flood Authority (LLFA) this ECC provides advice on SuDS schemes for major developments. ECC have been statutory consultee on surface water since the 15th April 2015.

In providing advice this Council, and their appointed consultants, looks to ensure sustainable drainage proposals comply with the required standards as set out in the following documents:

- Non-statutory technical standards for sustainable drainage systems
- Essex County Council's (ECC's) adopted Sustainable Drainage Systems Design Guide
- The CIRIA SuDS Manual (C753)
- BS8582 Code of practice for surface water management for development sites.

Lead Local Flood Authority position

Having reviewed the documents which accompanied the planning application, we would recommend the **issuing of a holding objection** on the basis of the following:

The information provided does not allow us to assess the flood risk development. Please provide information as required within the new ECC SuDS design guide: <https://www.essexdesignguide.co.uk/suds/what-we-expect/>

As a minimum, the following information is required to allow an assessment of the drainage proposals at full application stage:-

- Quantification of the infiltration capacity of the soils
- Size, form and location of the attenuation
- Calculations and network design
- Design details of the SuDS features

We strongly recommend looking at the Essex Green Infrastructure Strategy to ensure that the proposals are implementing multifunctional green/blue features effectively. The link can be found below.

<https://www.essex.gov.uk/protecting-environment>

Summary of Flood Risk Responsibilities for your Inspectorate

We have not considered the following issues as part of this planning application as they are not within our direct remit; nevertheless these are all very important considerations for managing flood risk for this development, and determining the safety and acceptability of the proposal. Prior to deciding this application you should give due consideration to the issue(s) below. It may be that you need to consult relevant experts outside your planning team.

- Sequential Test in relation to fluvial flood risk;
- Safety of people (including the provision and adequacy of an emergency plan, temporary refuge and rescue or evacuation arrangements);
- Safety of the building;
- Flood recovery measures (including flood proofing and other building level resistance and resilience measures);
- Sustainability of the development.

In all circumstances where warning and emergency response is fundamental to managing flood risk, ECC advise local planning authorities to formally consider the emergency planning and rescue implications of new development in making their decisions.

Should further correspondence be required, please contact the SuDS team directly using the below details.

Yours faithfully

Richard Atkins
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Service: Waste & Environment
Essex County Council

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