



Matthew Broome
Tonbridge & Malling Borough Council
Development Control
Gibson Building
Gibson Drive
Kings Hill
West Malling, Kent
ME19 4LZ

Flood and Water Management
Invicta House
Maidstone
Kent
ME14 1XX
Website: www.kent.gov.uk/flooding
Email: suds@kent.gov.uk
Tel: 03000 41 41 41
Our Ref: TMBC/2019/071698
Date: 04 April 2019

Application No: TM/19/00014/OAEA

Location: Land North Of Lower Haysden Lane Tonbridge Kent

Proposal: Outline Application: The construction of up to 125 new homes, a 2 form entry primary school, the formation of new means of access onto Lower Haysden Lane, new pedestrian and cycle links (including links to the existing playing fields and Country Park to the west), the laying out of open space, new strategic landscaping, habitat creation, drainage features and associated ground works and infrastructure

Thank you for your consultation on the above referenced planning application.

Kent County Council as Lead Local Flood Authority have the following comments:

We have reviewed the updated FRA (Brookbanks, March 2019). At detailed design, we would expect that design is compliant with KCC Drainage and Planning Policy Statement (June 2017), specifically that:

1. any attenuation storage is calculated on the full contributing development area
2. the drainage system modelled using FeH rainfall data in any appropriate modelling or simulation software. Where FeH data is not available, 26.25mm should be manually input for the M5-60 value, as per the requirements of our latest drainage and planning policy statement (June 2017).

These are technical matters which can be addressed during detailed design. In this instance there is sufficient open space to allow an increase in surface area of the attenuation ponds if necessitated by the change in design criteria.

Should your local authority be minded to grant permission for this development, we would recommend the following conditions:

Condition:

Development shall not begin in any phase until a detailed sustainable surface water drainage scheme for the site has been submitted to (and approved in writing by) the local planning authority. The detailed drainage scheme shall be based upon the drainage strategy drawing 10246-DR-05C (Brookbanks, March 2019). It shall demonstrate that the surface water generated by this development (for all rainfall durations and intensities up to and including the climate change adjusted critical 100yr

storm) can be accommodated with any offsite discharge limited to either Q_{BAR} or greenfield runoff rate as approved by the Local Planning Authority.

The drainage scheme shall also demonstrate (with reference to published guidance):

- that silt and pollutants resulting from the site use can be adequately managed to ensure there is no pollution risk to receiving waters.
- appropriate operational, maintenance and access requirements for each drainage feature or SuDS component are adequately considered, including any proposed arrangements for future adoption by any public body or statutory undertaker.

The drainage scheme shall be implemented in accordance with the approved details.

Reason:

To ensure the development is served by satisfactory arrangements for the disposal of surface water and to ensure that the development does not exacerbate the risk of on/off site flooding. These details and accompanying calculations are required prior to the commencement of the development as they form an intrinsic part of the proposal, the approval of which cannot be disaggregated from the carrying out of the rest of the development.

Condition:

No building on any phase (or within an agreed implementation schedule) of the development hereby permitted shall be occupied until a Verification Report pertaining to the surface water drainage system, carried out by a suitably qualified professional, has been submitted to the Local Planning Authority which demonstrates the suitable modelled operation of the drainage system such that flood risk is appropriately managed, as approved by the Lead Local Flood Authority. The Report shall contain information and evidence (including photographs) of earthworks; details and locations of inlets, outlets and control structures; extent of planting; details of materials utilised in construction including subsoil, topsoil, aggregate and membrane liners; full as built drawings; topographical survey of 'as constructed' features; and an operation and maintenance manual for the sustainable drainage scheme as constructed.

Reason:

To ensure that flood risks from development to the future users of the land and neighbouring land are minimised, together with those risks to controlled waters, property and ecological systems, and to ensure that the development as constructed is compliant with and subsequently maintained pursuant to the requirements of paragraph 165 of the National Planning Policy Framework.

This response has been provided using the best knowledge and information submitted as part of the planning application at the time of responding and is reliant on the accuracy of that information.

Yours faithfully,

Sophia-Harri Nicholaou

Flood Risk Project Officer
Flood and Water Management