

Steve,

Further to our telephone conversation please find attached the proposed flood routing plan for the development.

As discussed the south west corner would be raised slightly to allow any potential flood runoff to drain towards the pond area.

Extreme event & Overland Flow

In the event of the on-site housing and road drainage features failing or being overloaded during the 100 year + climate change event overland flows will firstly run through the swale system adjacent to the highways; if this becomes overloaded the flood routing will be through the road along the channels with levels draining towards the attenuation area. Due to the nature of the ground some overland runoff will naturally drain through the swale features reducing the potential exceedence event runoff.

The South West corner of the site will be raised slightly above existing ground levels to allow a fall back towards the attenuation feature.

As stated in the FRA the areas where permeable type paving has been proposed the system will be designed to attenuate the 1 in 100 year + climate change storm so overland flooding from these areas will be minimal. The main SUDs attenuation feature within the site is designed to accommodate the 1 in 100 year + climate change storm event and will include 300mm of free board.

Please find attached the overland flow flood routing plan together with the statement, I have also enclosed the updated page from the FRA for paragraph 5.9

Regards

Alistair McShane
Associate Director

For MJA CONSULTING

Tel 01235 555173

Mob 07748804515

www.mjaconsulting.co.uk