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FAO: David Eaves

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Re: APP/20/00658 – Lighting Strategy to support the Proposed Development.

Designs for Lighting Ltd have been instructed by Fortitudo Ltd to develop an environmentally sensitive lighting strategy that supports the functional requirements of the Proposed Development (application reference: **APP/20/00658**).

Designs for Lighting Ltd are a specialist lighting design consultancy with over 20 years' experience in lighting impact assessments, mitigation proposals, technical analysis, lighting strategies and lighting design. Premier Corporate membership of the Institution of Lighting Professionals (ILP) enables us to practise under the latest guidance, ensuring quality and accuracy in our work.

Our lighting professional staff are all members of the ILP and are either Chartered or Incorporated Engineers (or working towards those qualifications).

Designs for Lighting is managed by Alistair Scott, his expertise in the lighting industry is based on academic and practical industry experience gained over 30 years. He has won industry awards and is a past president of the ILP. Designs for Lighting Ltd are currently represented within the ILP technical committee and British Standard committees for lighting.

We have provided support for a wide variety of projects; our input has ranged from lighting impact assessments of proposed light designs, to full lighting design led by us.

Additionally, we have provided lighting strategies to go forward for planning, in order to ensure that the design and build team adhere to the approved lighting scheme during the detailed design and construction stage.

In 2019, one of our projects was endorsed by the Commission for Dark Skies and awarded a 'good lighting award' for its superior control of obtrusive light parameters, which served to protect the Dark Sky within the Cotswolds AONB. The Application Site was also located less than 1.0 kilometre from a Site of Special Scientific Interest (SSSI) and was also located within a Special Area of Conservation (SAC). Following the success of the project, Designs for Lighting were invited by the ILP Technical Committee to help develop a new industry standard car park lighting guide, which is currently in progress.

As a specialist consultancy, Designs for Lighting regularly consults on planning applications received by the Major Development Planning Department within South Northamptonshire Local Council and others, such as Swindon BC and Hampshire County Council. We are experienced in ensuring lighting proposals and strategies address a multitude of requirements from Legislative and Policy frameworks, to Lighting Performance Standards and Obtrusive Light Guidance.

To ensure that lighting associated with the Proposed Development is unlikely to detrimentally affect residential amenity or ecology, all lighting related proposals will be carefully planned in accordance with the Havant Borough Council Core Strategy (March 2011) – Local Development Framework, Policy DM10.

Alistair Scott

Richard Jackson

Andrew Longman

The lighting strategy will be informed by the following British Standards and Industry guidance in addition to the policies mentioned above:

- BS 5489 – 1 (Lighting of roads and public amenity areas – Code of Practice), *The British Standards Institution 2020*.
- GN01/2020 – (Guidance Notes for the Reduction of Obtrusive Light), *Institution of Lighting Professionals*.
- GN08/18 – (Bats and Artificial Lighting in the UK), *Institution of Lighting Professionals*.
- PLG05 – Professional Lighting Guide 05 – The Brightness of Illuminated Advertisements, *Institution of Lighting Professionals*).

Further to the lighting strategy document that will set out how lighting will be implemented on site, the proposals will be accompanied by light spill diagrams to show the extents of light distribution associated with necessary external lighting, required for the safety, security and amenity of the proposed development.

Nearby residential amenity will be specifically protected from the potential for obtrusive light by the key performance parameters that will be outlined within the lighting strategy. This is to ensure that lighting associated with the Proposed Development does not give rise to obtrusive light levels outside of predetermined limits for the Environmental Zone in which it is located.

To ensure lighting associated with signage is unlikely to give rise to significant effects, the lighting strategy will outline the limitations for their brightness in accordance with nationally recognised criteria.

Considering the principles that will be deployed within the lighting strategy, it is unlikely that magnitude of change in relation to lighting associated with the proposed development would give rise to appreciable adverse effects on ecology, residential amenity, and the surroundings.

We trust that the information contained within this letter provides confidence that Designs for Lighting will consider the necessary elements to deliver a comprehensive lighting strategy, that supports the Proposed Development, whilst promoting environmental sensitivity.

Yours Sincerely,

Designs for Lighting Ltd



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