General notes:

External lighting to be provided around dwellings, and around parking areas in order to facilitate safe access to and from the properties at night, safe parking and an adequate level of security.

Light fitting to provide a low level light spread, projecting the light downwards, reducing glare and minimising any impact on neighbouring properties

Lighting to incorporate PIR sensors to provide security activation of the lights at night and to incorporate built-in photocell sensors to deactivate the lights during the day

Environmental Considerations

The following have been taken into consideration in the design and specification of the external lighting, specifically with regard to the lighting impact on local wildlife and neighbouring properties:

- Lamp colour temperature (Kelvins)
- Lamp Lumen output
- Luminaire to be low glare, shielded to prevent upware glare.
- Use of low energy fitting

Insects and wild life are distracted at night by the cool colour spectrum of 6000 Kelvins and above and Bats also are disturbed by bright cool lights. The proposal therefore is to use only fitting within the warm spectrum of the Kelvin range between 2700K and 300K



Example of proposed external bulkhead lighting

Typical lamp specification
10W Warm White LED bulb
240v
3000 Kelvin

Indicated as -



Example of proposed Bollard lighting for drives and parking areas

Typical lamp specification
20W Warm White LED bulb
240v
3000 Kelvin

Indicated as -

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CLIENT

Mr R and Mrs K Brooks

PROJECT

Proposed demolition of the existing bungalow and the construction of 3No new dwellings

at

No 27 Church Lane
Ipstones.
ST10 2LD

DRAWING NUMBER 19/569/16

External lighting

SCALES 1/100 @ A1