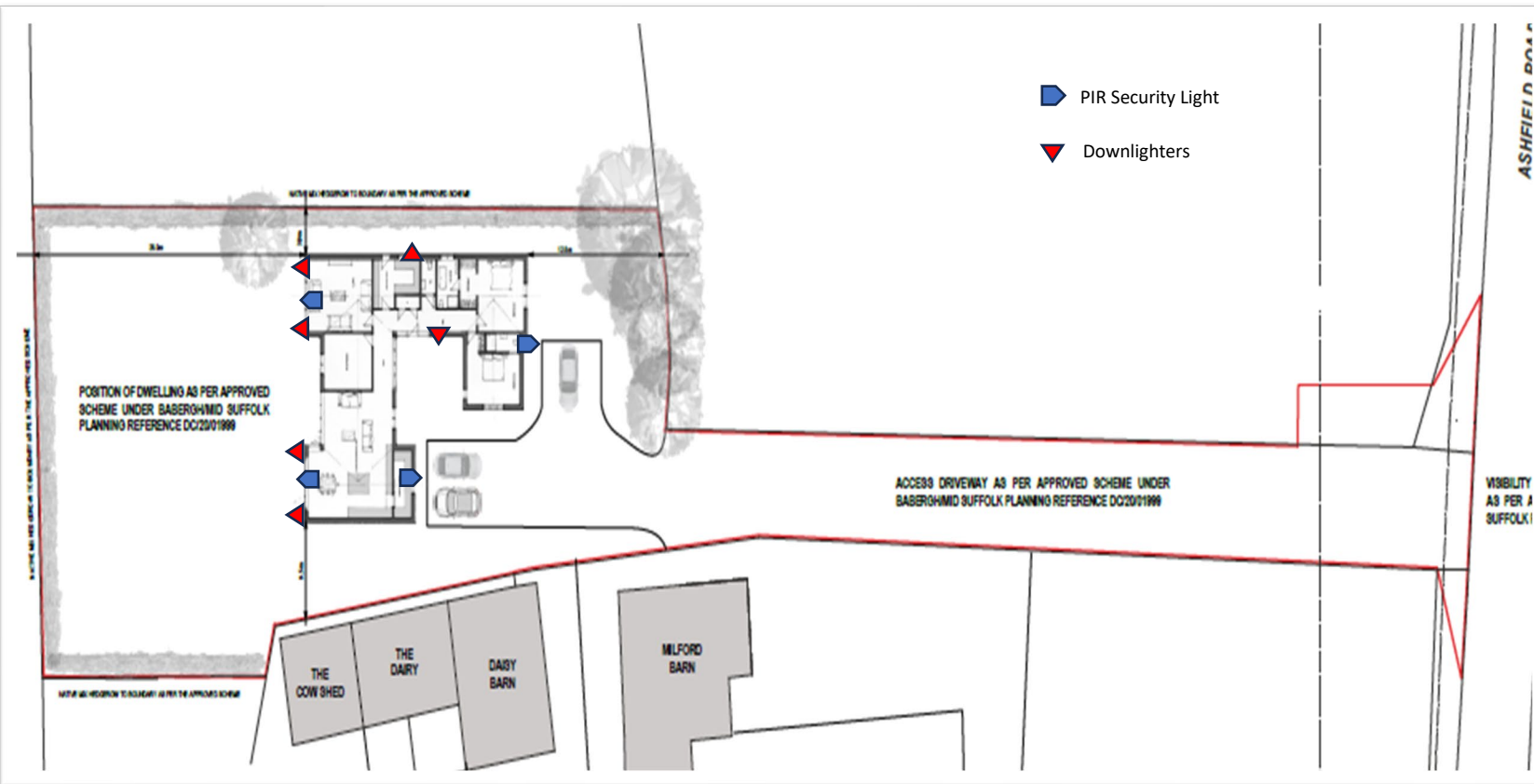


Highfield House  
Ashfield Road  
Elmswell IP30 9HJ

## Discharge of Condition 8 ECOLOGY - WILDLIFE SENSITIVE LIGHTING DESIGN SCHEME

### Lighting Specification

- The purpose of this Lighting Design Strategy is to minimise and avoid impacts on wildlife including commuting, foraging and commuting bats during construction and operational phases of development.
- This specification aims to balance the safety and amenity needs of the users of the site, while protecting biodiversity features.
- The lighting strategy identifies and recommends lighting to avoid illumination of hedgerows and trees which may be used for commuting and/or foraging bats.
- Security and access lighting to be no greater than 2000 lumens and passive infrared sensor activated on a short timer (1 minute). PIR operated lighting will only be installed on the west and east elevations.
- All external lights are pointed downwards to avoid light spill and are positioned away from sensitive areas for bats. No lights are directed above 90 degrees.
- Only luminaires with an upward light ratio of 0% and with good optical control should be used. Luminaires should always be mounted on the horizontal, i.e. no upward tilt.
- All lights to be a warm colour temperature <2700 kelvin.



## 8. ACTION REQUIRED IN ACCORDANCE WITH SPECIFIED TIMETABLE: ECOLOGY - WILDLIFE SENSITIVE LIGHTING DESIGN SCHEME

No external lighting, or other means of outside illumination, shall be installed or operated on the site until a lighting design scheme for biodiversity has been submitted to and approved in writing by the local planning authority. The scheme shall identify those features on site that are particularly sensitive for bats and that are likely to cause disturbance along important routes used for foraging; and show how and where external lighting will be installed so that it can be clearly demonstrated that areas to be lit will not disturb or prevent bats using their territory. Any external lighting shall be installed in accordance with the approved specifications and locations set out in the scheme and no other external lighting shall be installed without the prior written approval of the local planning authority. Reason - To allow the LPA to discharge its duties under the UK Habitats Regulations 2017, the Wildlife & Countryside Act 1981 as amended and s40 of the NERC Act 2006 (Priority habitats & species).