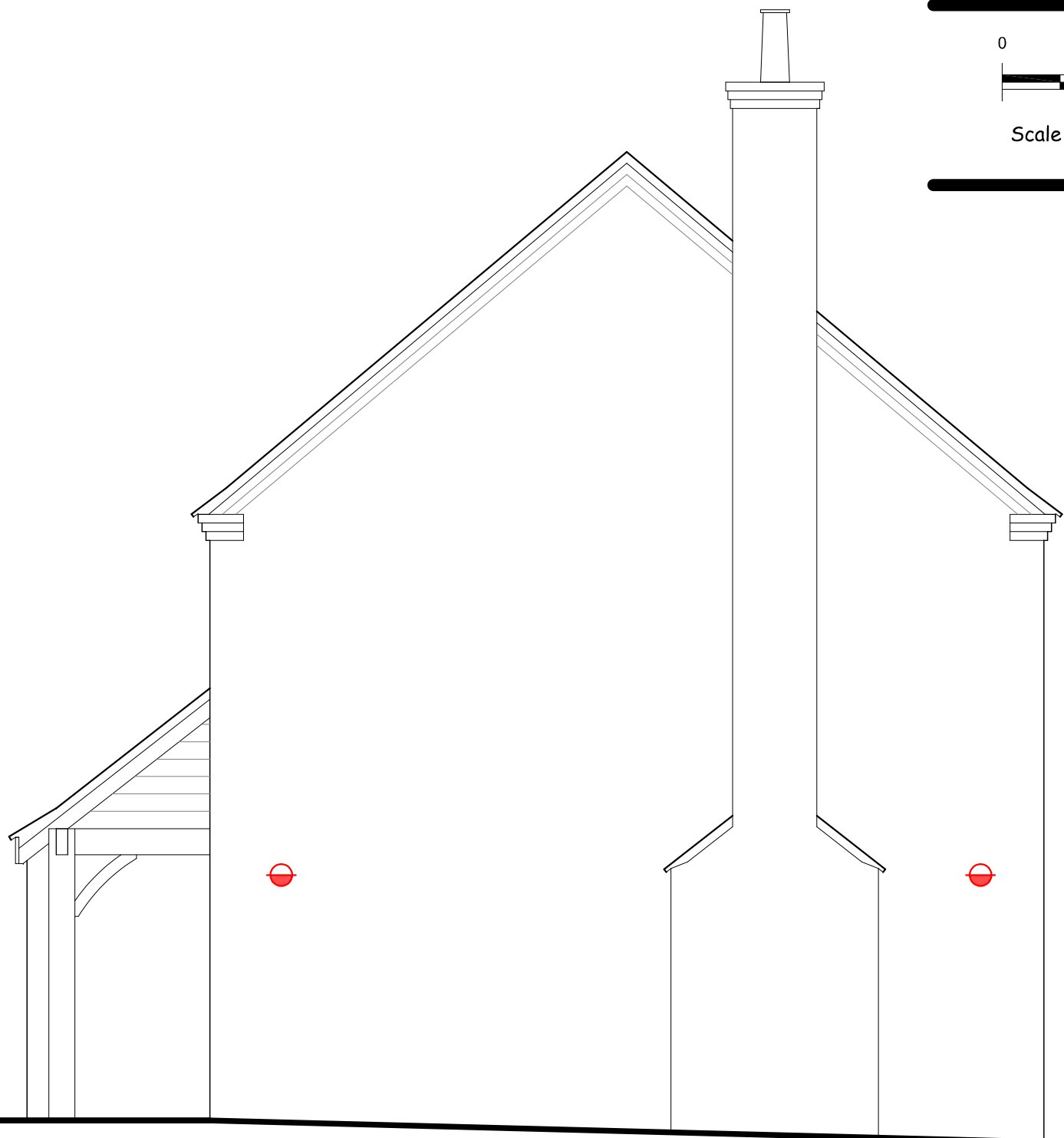
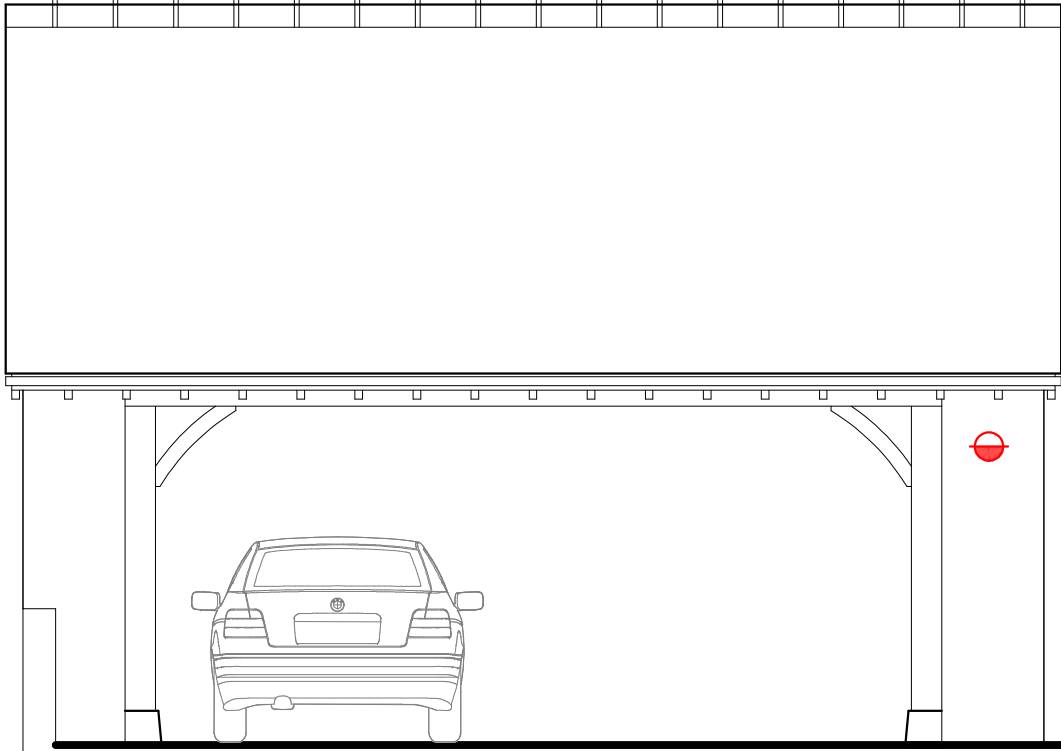




PROPOSED NORTH ELEVATION



PROPOSED WEST ELEVATION



Example of proposed bulkhead light



PROPOSED SOUTH ELEVATION



PROPOSED EAST ELEVATION



Example of proposed flood light

General notes:
External lighting to be provided around building, in order to facilitate safe access to and from the building at night, safe parking and an adequate level of security. Number and type of fittings shall not increase the pre-existing illuminance or cause glare at any adjoining light sensitive locations when the lights are in operation
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 below 6000K.

Example of proposed external bulkhead lighting
Typical lamp specification
10W Warm White LED bulb
240v
3000 Kelvin

Indicated as -

Example of proposed flood light fitting
Typical lamp specification
50W Warm White LED bulb
240v
5800 Kelvin

Indicated as -

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Mr R & Mrs H Stevenson
Replacement dwelling
Gorsty Hill Farm
Gorsty Hill Road
Upper team
ST10 4EL
Drawing No 23/682/14
Proposed lighting
Scale 1/50 @ A1