

Project Ref. The Well House  
Project No. 23915

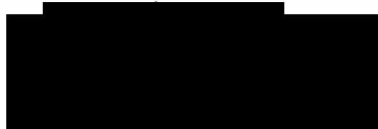


## Dark Sky Statement

South Downs National Park Authority – Ecosystems Service and Householder Planning Applications  
Ecosystems Service Statement (table part 6, Page 5)

Existing	Proposed
Roof glazing to be removed as part of the new works 12.2 sqm.	New sky lights 2.8 sqm
Glazed windows to the rear elevation to be removed as part of the works 15.1 sqm	New windows to the rear elevation 6.5 sqm
Glazed doors to the rear elevation to be removed as part of the works 6 sqm	New doors to the rear elevation -13.4 sqm
Total existing glazing removed– 33.3 sqm	Total proposed glazing 22.7 sqm
Existing lighting – pendant fittings and exposed bulbs.	Proposed lighting to be recessed directional downlighters
Existing window/door treatment - none	Blackout curtains and blinds to be provided to slot windows and full height doors to prevent solar gain during the day and to prevent light pollution during the night and to insulate during the winter
<p>Sky glow – pendant bulbs in the conservatory roof light not controlled or shielded</p> <p>Glare – existing flood lights to the rear</p> <p>Light intrusion – motion sensor lighting to the front.</p>	<p>Sky glow – although sky lights are proposed the area is reduced, the sky lights are flat dead lights with vertical tunnel design to the ceiling, there is no feature lighting to the tops of the sky light (giving them a glow) the sky lights are required to drop natural light into the living space during the day. The property is in the shadow of the South Downs for much of the year.</p> <p>Glare – flood lights to be removed and considered 1-2 watt warm low level marker lights to be used were required</p> <p>Light intrusion – Motion Sensor lighting to be removed and considered 1-2 watt warm low level marker lights to be used were required</p>
<p>The property is in the shadow of the South Downs, not visible from the public realm and does not impact on the night sky, the proposed new extension will have a similar or less impact on the night sky.</p> <p>The new extension is orientated east / west with the kitchen in the west corner. The Downs are to the south and west towering above. The main opening in the elevation is to the east where the site drops away to the northeast. The opening has a large overhang and the lighting will be set back from the doors to give good lighting up to but no further than the doors. The back door via a lobby will be solid and there are no doors or windows fronting the public space.</p>	

Richard Silver



26 February 2024