

Client	Mr and Mrs Lower		
Project	Ecclesden Barns		
Document	Dark Night Skies Assessment		
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Author	SL		



1. Introduction

- 1.1. This Dark Night Skies Assessment note has been prepared on behalf of the applicants, Mr and Mrs Lower, in support of a Full Planning Application for the following development:

'Redevelopment of redundant agricultural outbuilding to form 2no. holiday lets at Manor Barn, Ecclesden Lane, Angmering, BN16 4DQ'.

- 1.2. The following statement considers the impact the new redevelopment will have on the Dark Night Skies of the National Park.

2. The Site

- 2.1. The existing barn known as Ecclesden Barn is located on the northern end of Ecclesden Lane in the village of Angmering. The site of the proposed holiday let development, as outlined in red on the plans submitted with the Planning Application comprises a redundant agricultural barn with associated access and parking.

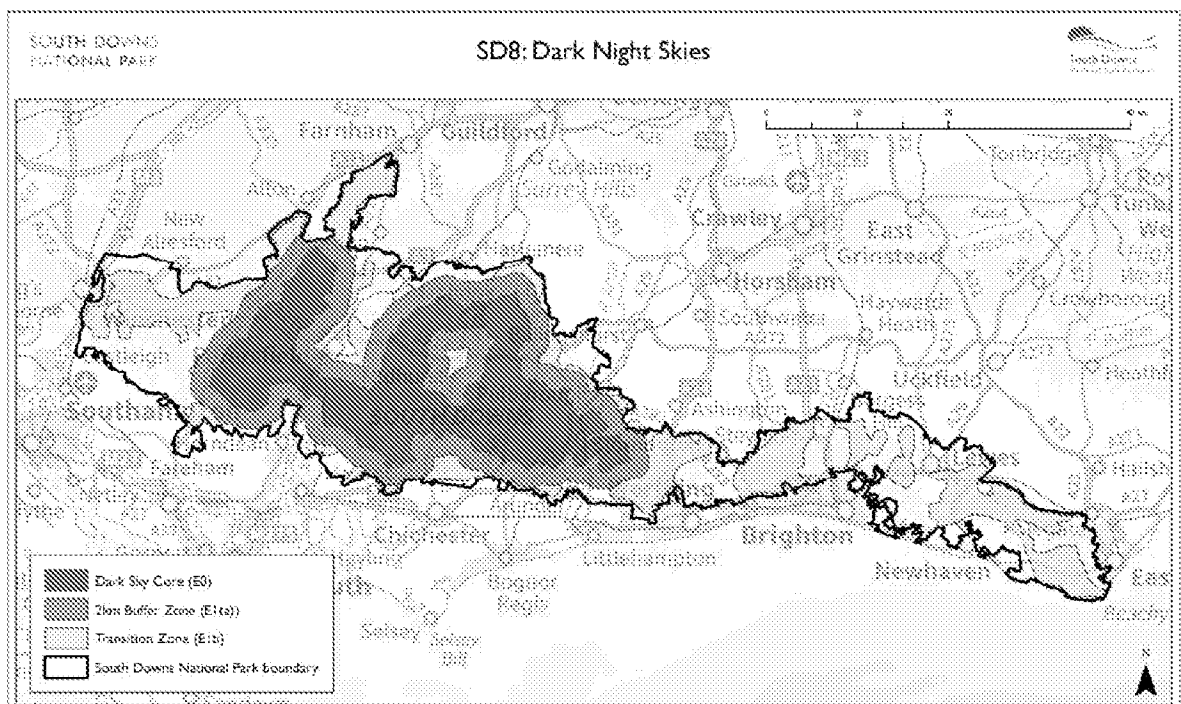


Figure 1- SD8 Dark Night Skies Map

- 2.2. The site is located within Transition Zone (E 1 (b) (Transition Zone and areas outside this and Zones E0, E1 (a) with a SQM range of 15 to 20). Therefore the development will need to comply the Institute of Lighting Professionals (ILP).

3. Mitigation Measures

- 3.1. The applicants have minimised the amount of glazing elements within the roof of the building and confirmed that the rooflights they will be implementing will comprise of a roller system which is built into the external frame of the rooflight giving the correct amount of light inclusion/exclusion throughout the day. The blinds built into the rooflights will be set on a electrical timer which will automatically close and open the blinds are the specified parts of the day to reduce light pollution within the South Downs National Park.

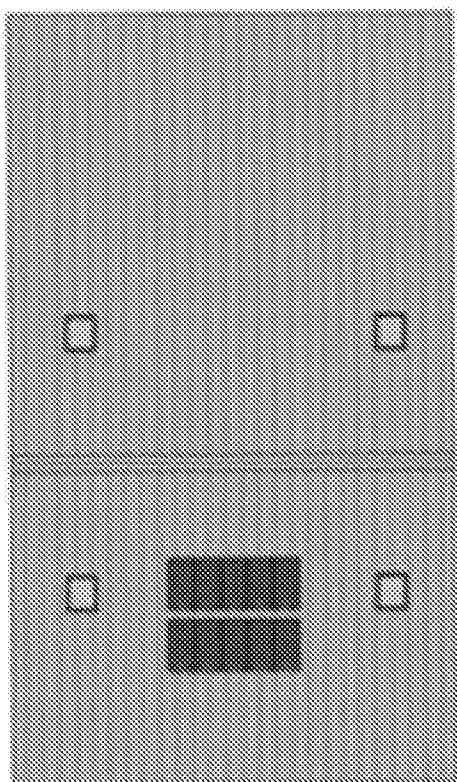


Figure 2- Roof Plan

- 3.2. In addition, the proposal has implemented wooden cladding/fencing batten doors which would be on a roller system in front of the large glass elements of the proposal. Incorporating this method apart of the proposal allows a reduction of light pollution into the National Park since the large glass elements will be covered by a wood batten door. These doors will be manually opened and closed by occupants. Please refer to Figure 3.
- 3.3. All other windows and glass elements will have black out blinds installed within the Holiday Lets to prevent the amount of light spill into the National Park.



Figure 2- Roller batten doors (East and West Elevations)

4. Conclusion

- 4.1. The proposal have implemented design measures too reduce the impact it would have on Dark Night Skies by implanting roller shutter rooflight blinds, roller batten doors and black out blinds. It is therefore considered the proposal fully accords with Strategic Policy SD8 (Dark Night Skies).