

**PROPOSED GLAZED REAR EXTENSION****DAYLIGHT AND SUNLIGHT ASSESSMENT****Section 1 Site Location**

The following is an analysis on the daylight amenity to the occupied zones for the proposed extension to 3 Larkins Lane Oxford OX3 9DW

“Site Layout Planning for Daylight and Sunlight” has been used as the base for this assessment

Based on the BRE document, the following methods were used for measuring the daylight and sunlight:

No Sky Line

Average Daylight Factor (ADF)

List of Drawings:

PD5.21.1-4 inclusive

Calculation data

Weather location: Swindon

Sky Model Overcast Sky

Working Plane height: 0.850m

**Section 2 Daylight and Sunlight**

Rooms assessed

Kitchen

Living Room

Bedroom

ADF is defined as: the ratio of total daylight flux incident on the working plane to the area of the working plane, expressed as a percentage of the outdoor illuminance on a horizontal plane due to an unobstructed standard overcast sky.

In housing BS 8206-2 gives minimum values of ADF of 2% for kitchens, 1.5% for living rooms and 1% for bedrooms

**Results:**

Kitchen	2.7 ADF	Pass
Living Room	2.7 ADF	Pass
Bedroom	6.0 ADF	Pass

**Sky View**

Kitchen	100%	Pass
Living Room	100%	Pass
Bedroom	100%	Pass

**Conclusion:**

Based on the site layout and the proposed drawings it is shown that proposed development will have good access to daylight