

Sunlight & Daylight Assessment

Name and address of proposed development site –

Matthew Blurton & Bela Tiwari
8 Cotswold Crescent
Marston,
Oxford,
OX3 0SG.

Proposed Development –

Proposed formation of 1No. rear dormer, insertion of 1No. roof-light to rear roof slope, insertion of 3no. roof lights to front roof slope in association with loft conversion. Insertion of 1No. window and 1 No. sliding door to the rear elevation. Replacement fenestration to rear and partial side elevation. Removal of 1no. chimney to side elevation and the installation of flush fitted solar panels to the south elevation.

Shading assessment of the surrounding properties.

Cotswold Crescent is a residential crescent. The dormer extension to the rear of the property could have the potential to shade adjacent properties. The position and orientation of No.8 (please see below, aerial photograph orientated North) means that the only property that could reasonably be considered to be effected is No. 9 (to the north) and then, only to the rear of their garden.

The distance from properties to the East and the green space to the west ensures that shadowing can not effect properties in those directions.

Consultation -

Matthew Blurton & Bela Tiwari discussed the dormer proposal in person with the homeowners at No. 9 and have shared the design drawings. No objections were raised.

Evaluation –

Our architect discussed various options for the dormer window with us during the design process. The smallest version was chosen on aesthetic grounds.

Daylight Assessment

Proposed Use(s) -

Although none of the rooms in the roof-space are particularly large, attention was paid to the amount of daylight available. The main space is dual aspect with windows to the east and west that should give excellent daylight day-round.

The small bedroom has an MK06 sized (780 x 1180mm) roof-light facing west, as does the staircase. The very small toilet room faces east and has an identical roof-light ensuring that in all cases there will be plenty of daylight for the proposed use.

A small window was added into the larger bathroom on the ground floor as it would have otherwise been lit solely by electric light. The new window matches the adjacent bedroom window in height and design giving a reasonable amount of natural light into the room during daylight.

The large sliding doors to the area marked dining/entertainment area will give the main circulation area a very bright aspect and the open plan aspect of the living room through to the dining/entertainment area gives an East-West open aspect and will help with the light levels in the kitchen.

Prepared by M Blurton.
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