

## Uplands Road, London

Architect: Mulroy Architects

A new open plan arrangement in this Victorian terrace home has increased functionality and maximised daylight, using Glazing Vision's walk on fixed rooflights.

The original building had an existing rear outrigger and dormer roof conversion; however, the construction of these elements was well below current standards, and the internal layout created a network of interconnected rooms with inadequate lighting, uninspiring views and generally poor spatial qualities.

Tasked with re-energising this Victorian terrace home, Mulroy Architects sought to introduce more light into the centre of the plan at ground floor level, in what was a heavily compartmentalised layout.

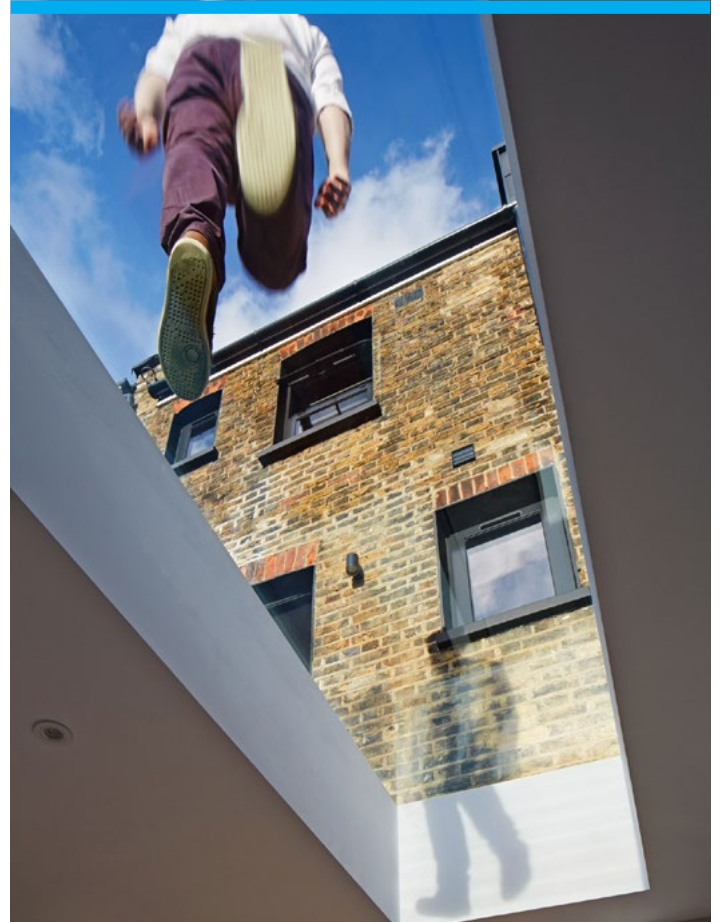
This refurbishment and extension project has taken full advantage of the potential in this compact Victorian home by creating a series of interlinked spaces in an open plan arrangement that allowed views to the rear garden. The ground floor was opened up internally, and floor levels resolved to positively impact on the liveable space, whilst maintaining the character and appearance throughout the property.

One of the most impressive aspects of the development is to the rear ground arrangement, which houses the new kitchen. This part of the scheme was included under permitted development rights, and is ultra-modern in its aesthetic, with large areas of glazing resulting in an abundance of natural daylight. This is achieved with a combination of feature glazed doors and a large rooflight situated above the central kitchen island.

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The rooflight itself has a party trick – Mulroy wanted to utilise the roof space above the kitchen as a terrace, but still include a rooflight as part of the scheme. A Glazing Vision walk on specification rooflight was detailed, meaning that the glazing forms part of the roof structure, and can be safely traversed by those using the terrace.

Having worked previously with Glazing Vision, the challenges of ensuring a flush finish and drainage with such a small pitch, were quickly muted through the experience and technical advice provided by Glazing Vision's technical specification team. The 1140x3015mm fixed walk-on rooflight was able to provide more than just the natural daylight that had been required, offering attractive views to the sky from within the plan due to the frameless design of the rooflight and maximising the usable space on the first-floor balcony for the clients.



Engineered by Glazing Vision with a 25.5mm clear laminate outer pane, 14mm Argon filled warm edge spacer cavity, and 6mm heat soak tested toughened inner pane, the walk on rooflight is designed to meet the future projected foot traffic upon them with uniform loadings of 1.5kN/m<sup>2</sup> and concentrated loadings of 2.0kN in accordance with BS EN 1991-1-1-1:2002.

Sophie Wade from Mulroy Architects explains “the client was very pleased with the rooflight and it delivered everything that was set out in the brief”.

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