

# Visualisation Solar Studies

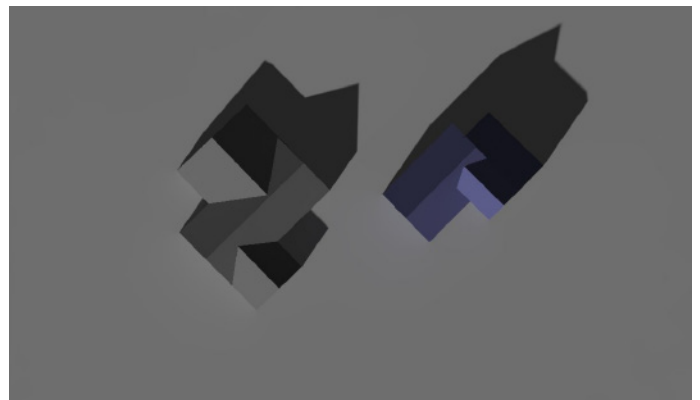
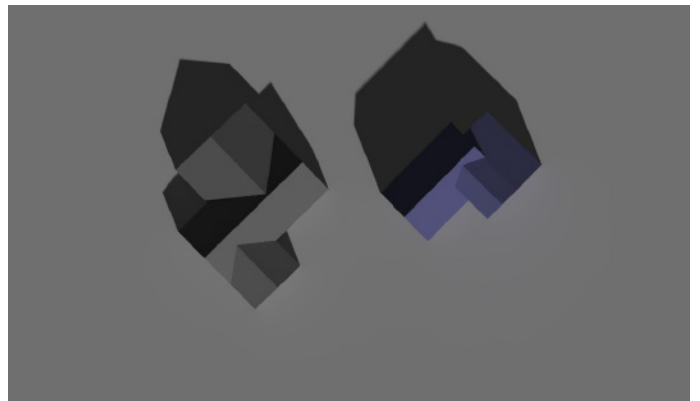
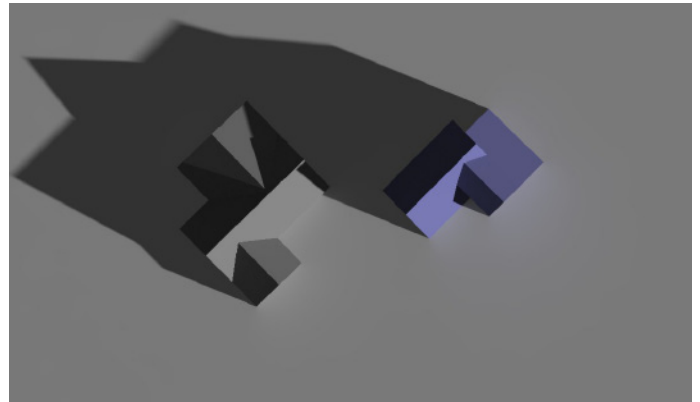
Developing new housing close to existing buildings can be contentious. Among the myriad issues that may arise one that can cause very deep resentment is the possibility of the new building blocking light from its neighbours.

Brunel Surveys Ltd were approached by an architect after he had received complaints from a landowner whose property abutted a new development. The landowner was concerned that the new build, being taller than the existing property, would cause his house to be in shadow for a large part of the day. Despite offering many reassurances the architect decided that a visual representation of the shadows created as the year progresses would help put the complainant's mind at rest.

As we had produced the initial survey he asked whether this was something we might be able to help with.

Working from the ground model produced from our survey we quickly modeled the existing and proposed buildings and then ran specialised software to render images showing shadows formed at 06:00, 0900, 12:00, 15:00 and 18:00 at quarter-year periods.

These images were then set out in an A3 booklet and delivered as a PDF.



## Brunel Surveys Ltd

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