

RIBA
Chartered Practice

arb
Architects Registration Board

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These drawings are for guidance purposes only
No. 78 The Brow has not surveyed & building information has been interpolated from photographs

Images not to scale

SOLAR STUDY

Winter Solstice

Sunrise to sunset

08:00 - 16:00

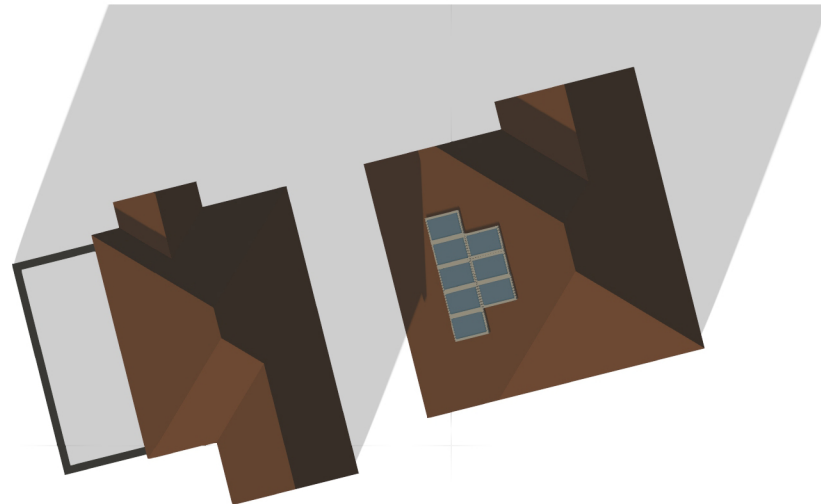
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architects & urban designers

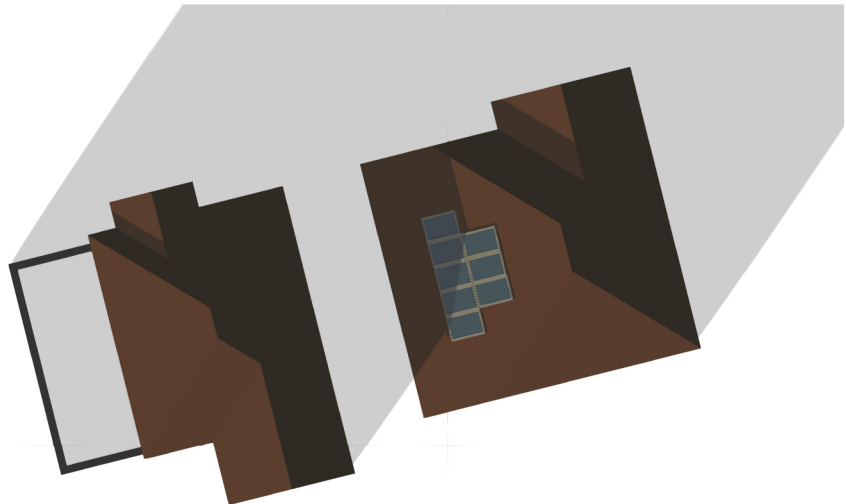
Teltel: 01489 584503
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Richmond Court, 94 Botley Road, Park Gate, Southampton, SO31 1BA

Existing Building

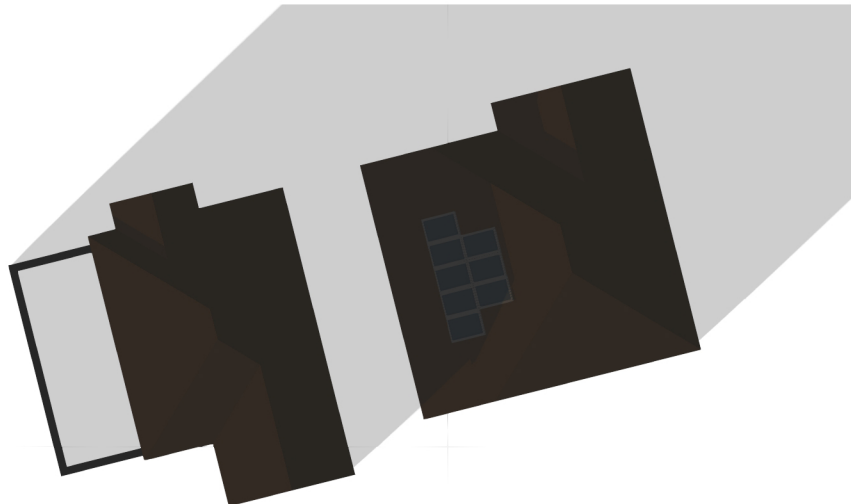
Due to the west facing orientation and current overshadowing of No. 76, 75 % of existing solar panels get maximum 2.25 hours sunlight which equates to 28% of the available sunlight (max. 8 hrs) on the winter solstice



21/12/2023 - 13:30



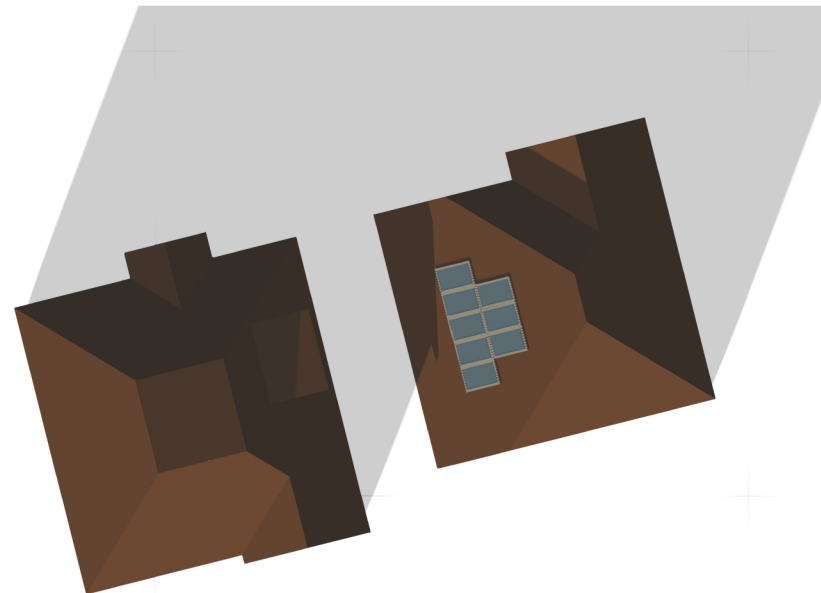
21/12/2023 - 14:30



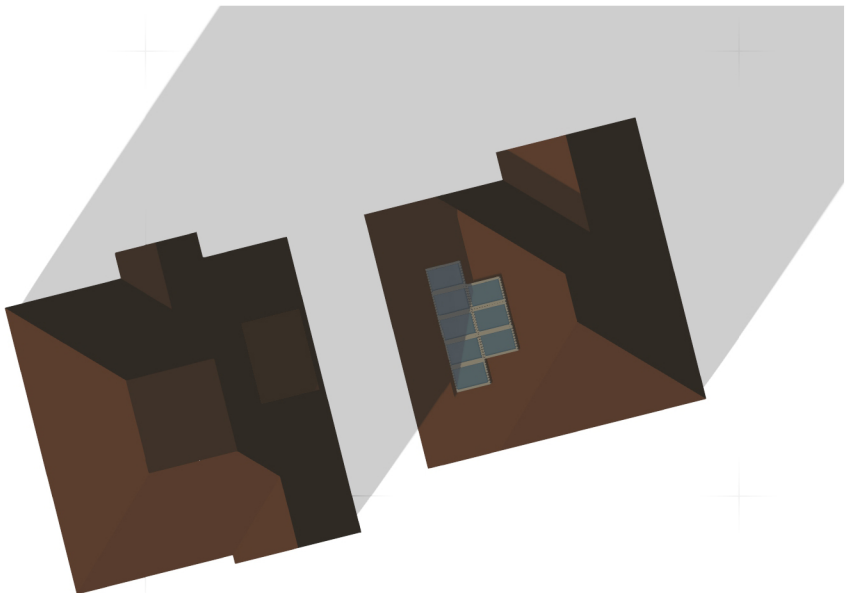
21/12/2023 - 15:30

Proposed Extension

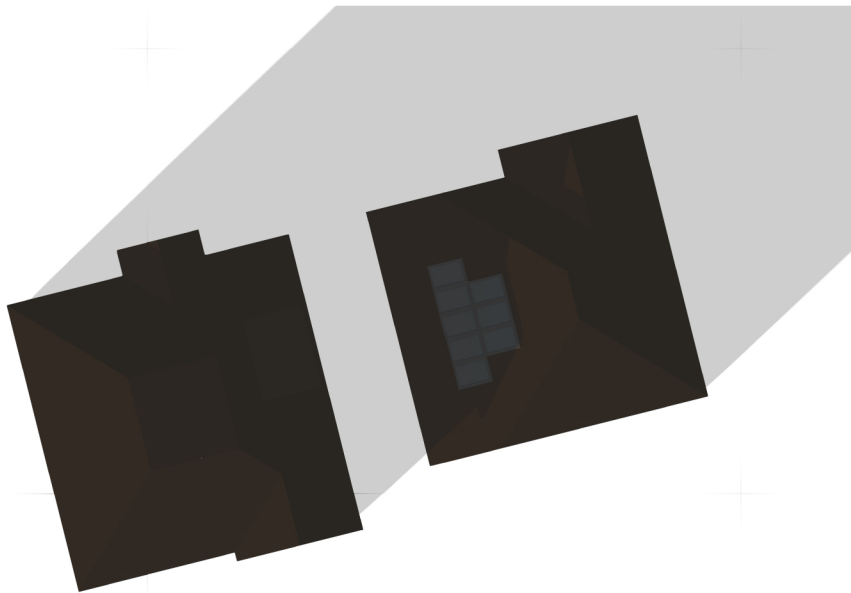
With the proposed extension to No.76, 75 % of existing solar panels get maximum 2.15 hours sunlight which equates to 27% of the available sunlight (max. 8hrs) on the winter soltice.



21/12/2023 - 13:30



21/12/2023 - 14:30



21/12/2023 - 15:30