

Lower End Cottage, Salford, OX7 5YP.

Sun path analysis:

EDG:Architecture Ltd have undertaken a 3D modelling exercise to assess the sun path cast by both the existing, and the proposed building. The purpose of this is to assess the impact on the neighbouring property to the West.

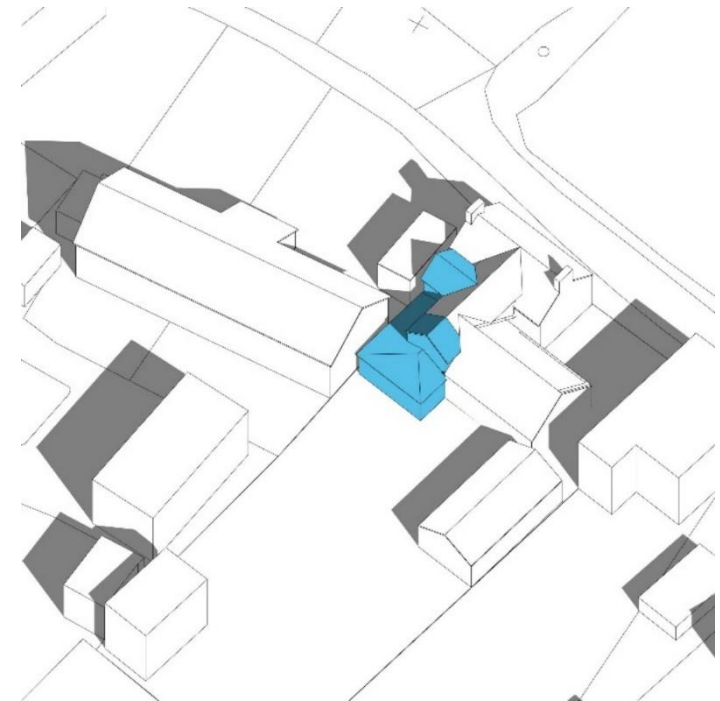
The model uses OS data to accurately position the building, as well as longitude and latitude positioning data to ensure the correct sun path is provided.

The proposed extension is formed in three parts as highlighted in blue in the image shown right.

Based on the models shown below at 4 monthly intervals, and at differing times of day we are confident that any detrimental impact will be minimal for the following reasons:

1. Due to the orientation of the building, and relative position to the adjacent building, the only real elements of the design which could potentially cause overshadowing are the first floor extensions to the side and rear to the eastern side of the neighbours garden. An existing outbuilding occupies the majority of this zone of the garden.
2. Based on the other times tested the effects of sunlight to the neighbours is minimal.

In conclusion we see no reason why a loss of natural light should prevent this development.

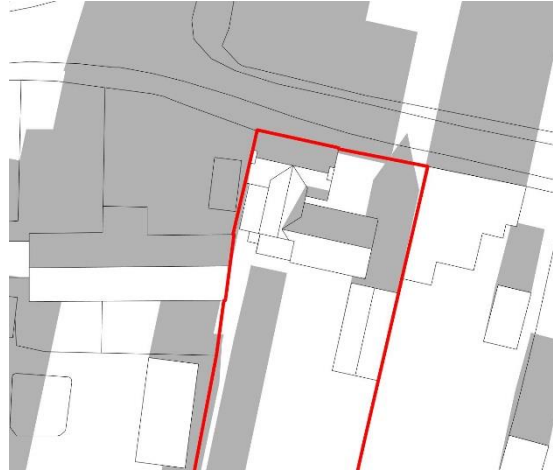


May 1 – 9am Proposed – 3d View Highlighting new extension

January sun path analysis



Existing - January 9.00am



Existing - January 1pm



Existing - January 4pm



Proposed - January 9am



Proposed - January 1pm

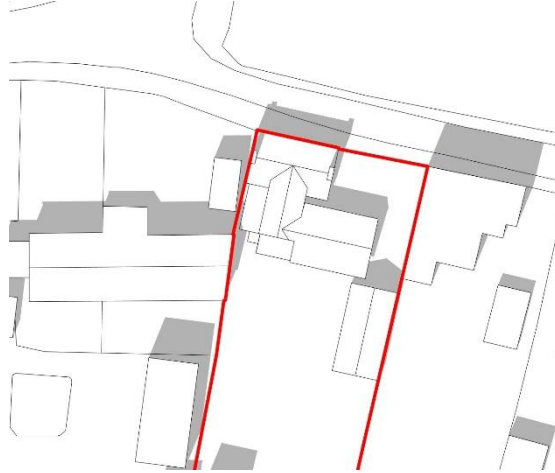


Proposed - January 4pm

May sun path analysis



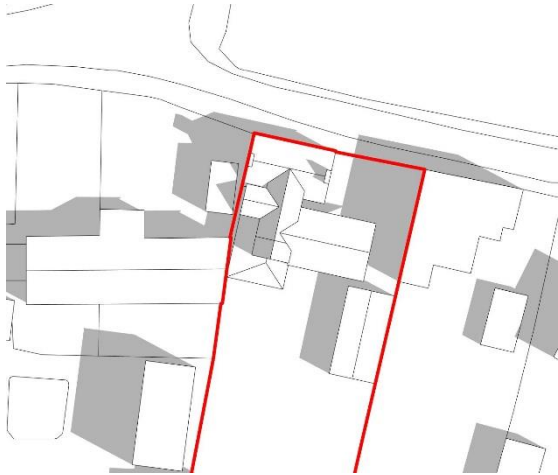
Existing - May 9.00am



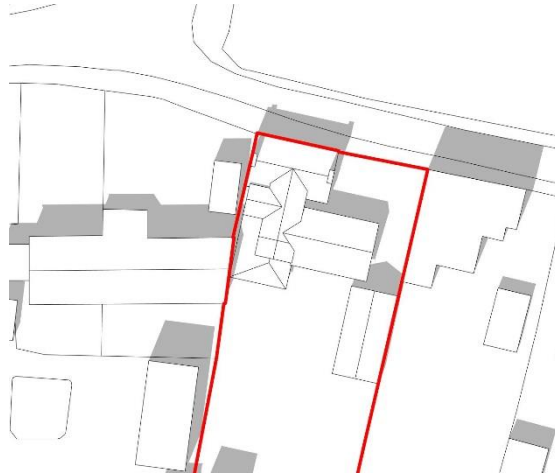
Existing – May 1pm



Existing – May 4pm



Proposed – May 9am



Proposed – May 1pm



Proposed – May 4pm

September sun path analysis



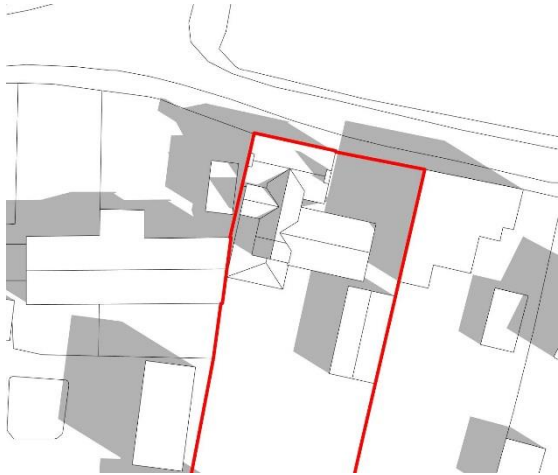
Existing – September 9.00am



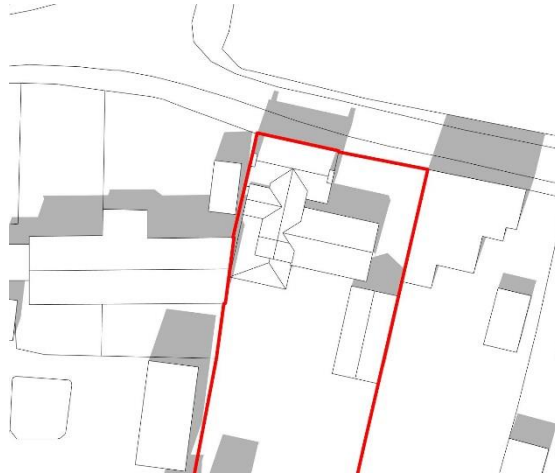
Existing – September 1pm



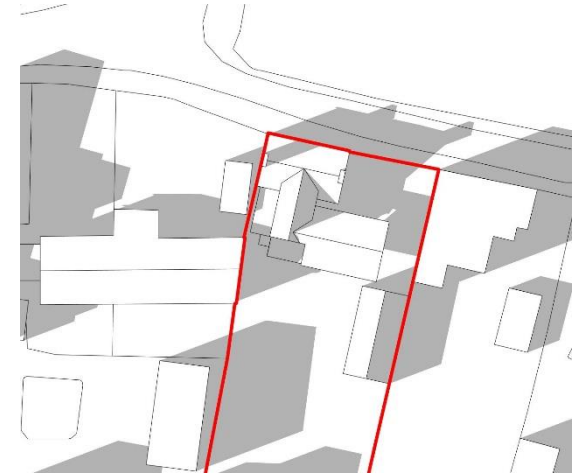
Existing – September 4pm



Proposed - September 9am



Proposed – September 1pm



Proposed – September 4pm