

Shadow Study

For

5 Chestnut Close Gresford LL12 8ER

9am 11th March

Displayed Time: 09:00 (GMT+0.0) Az:125.3 Mult:2.9 ▾

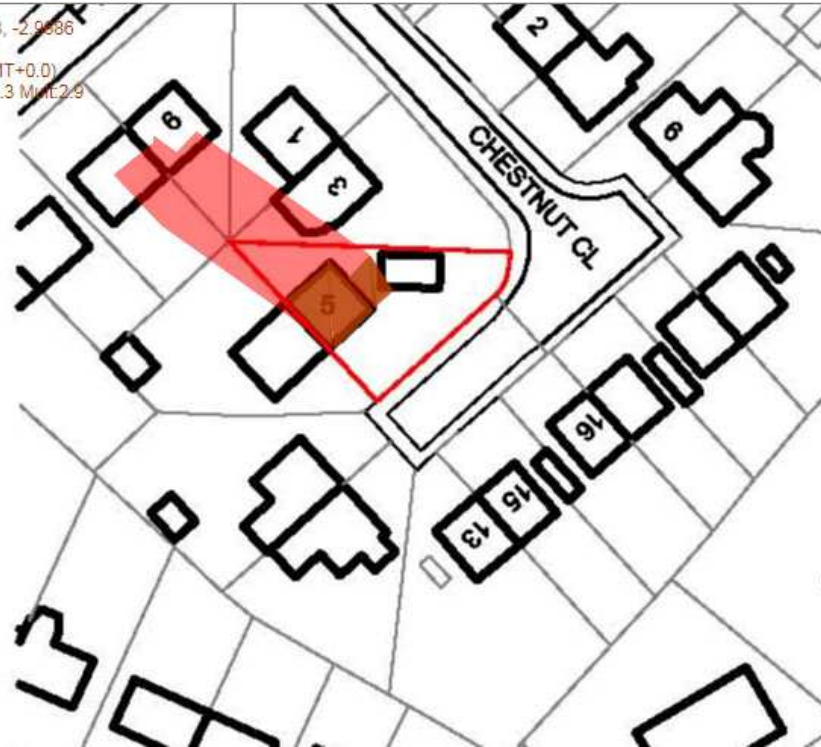
<Prev



Next>

Auto-Play

Location: 53.088, -2.9886
Date: 2023-3-11
Time: 09:00 (GMT+0.0)
Shadow: Az:125.3 Mult:2.9



The Coach

12pm 11th March

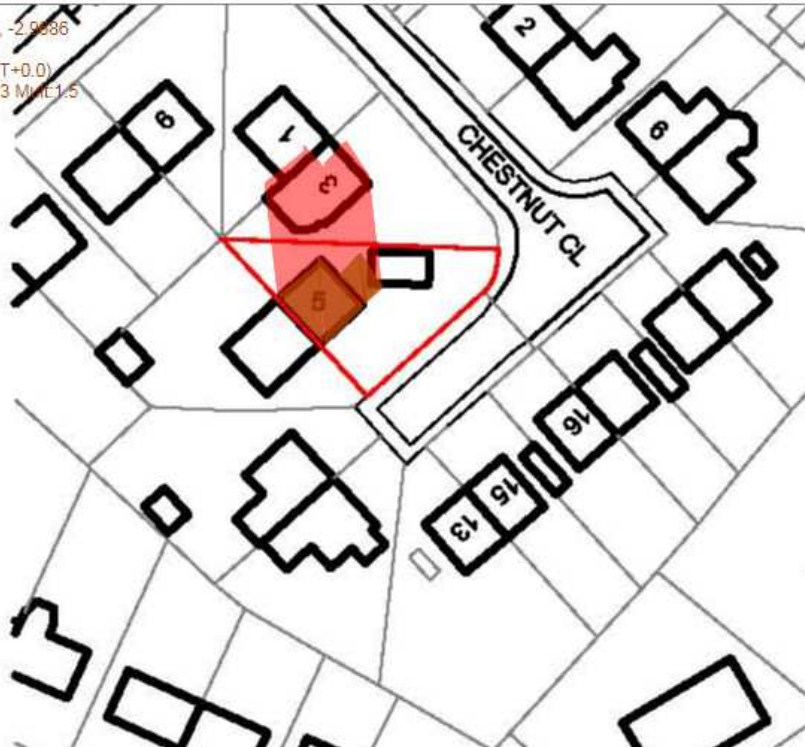
Displayed Time: 12:00 (GMT+0.0) Az:173.3 Mult:1.5

<Prev

Next>

Auto-Play

Location: 53.088, -2.9986
Date: 2023-3-11
Time: 12:00 (GMT+0.0)
Shadow: Az:173.3 Mult:1.5



The Coach

4pm 11th March

Displayed Time: 16:00 (GMT+0.0) Az:238.1 Mult:3.2 ▾

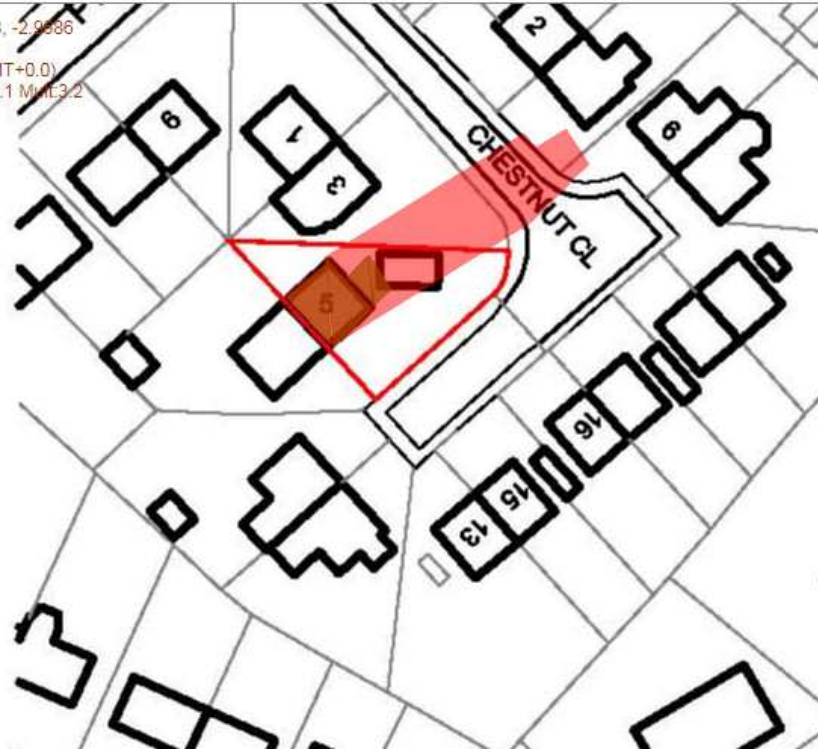
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Auto-Play

Location: 53.088, -2.9986
Date: 2023-3-11
Time: 16:00 (GMT+0.0)
Shadow: Az:238.1 Mult:3.2



The Coach

9am 11th July

Displayed Time: 09:00 (GMT+0.0) Az:109.9 Mult:1.1 ▾

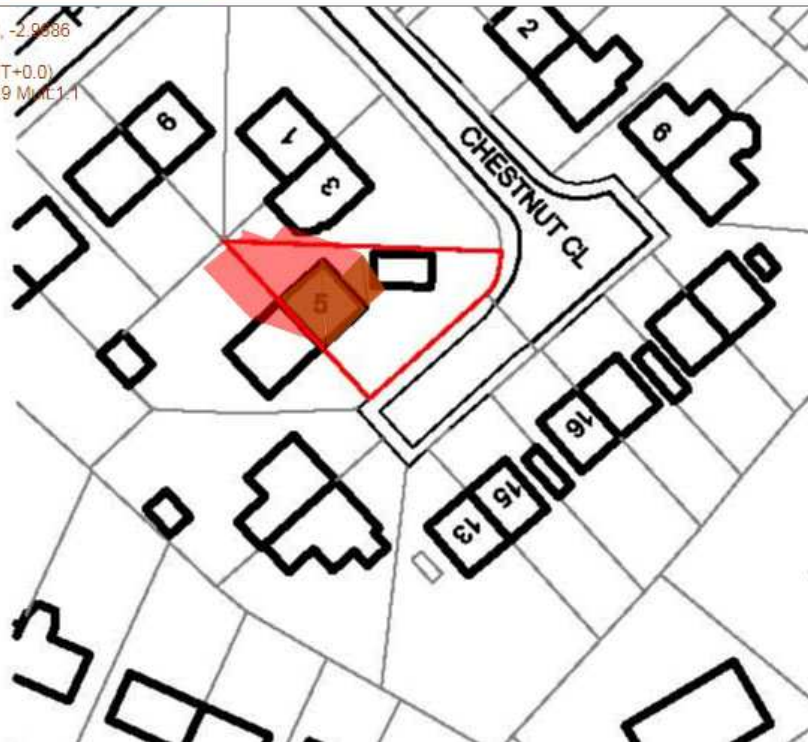
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Auto-Play

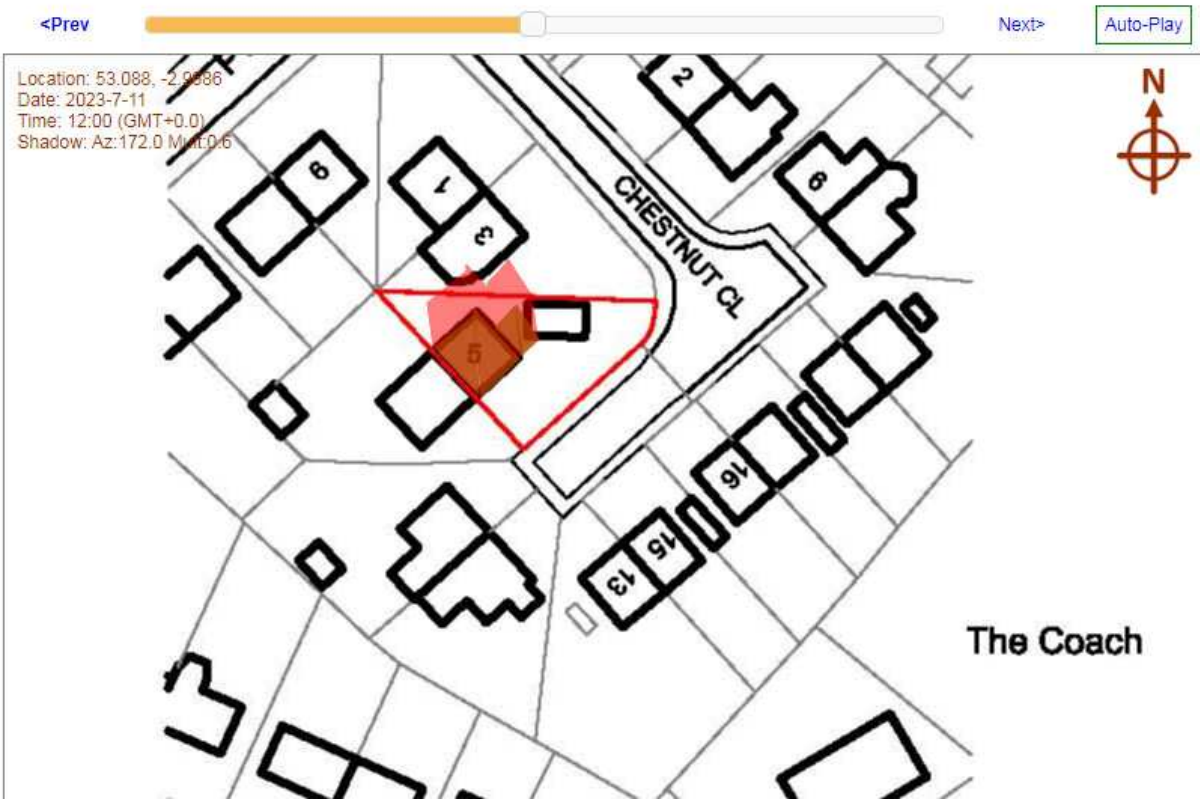
Location: 53.088, -2.9986
Date: 2023-7-11
Time: 09:00 (GMT+0.0)
Shadow: Az:109.9 Mult:1.1



The Coach

12pm 11th July

Displayed Time: 12:00 (GMT+0.0) Az:172.0 Mult:0.6 ▾



4pm 11th July

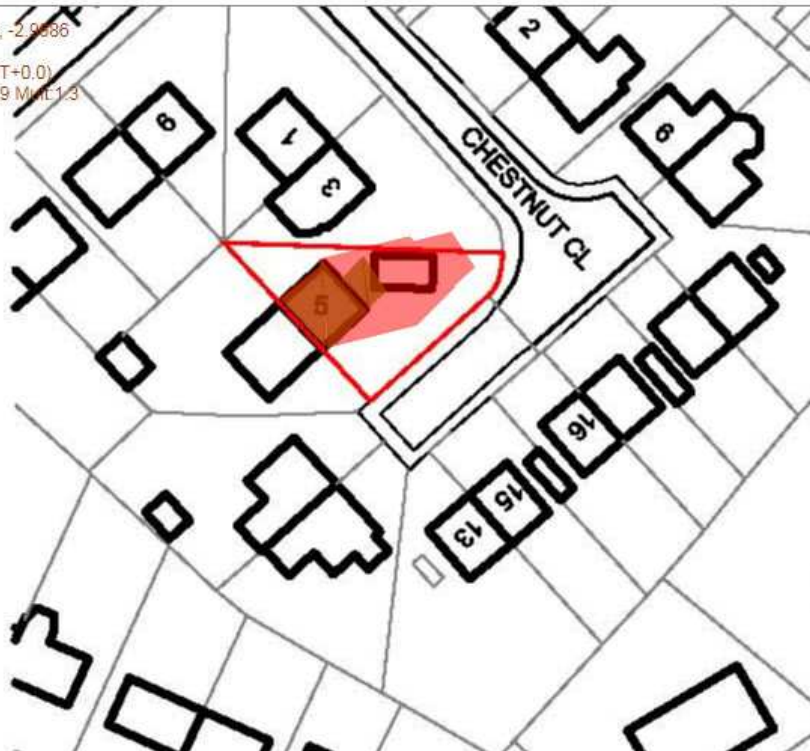
Displayed Time: **16:00 (GMT+0.0) Az:255.9 Mult:1.3** ▾

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[Auto-Play](#)

Location: 53.088, -2.9586
Date: 2023-7-11
Time: 16:00 (GMT+0.0)
Shadow: Az:255.9 Mult:1.3

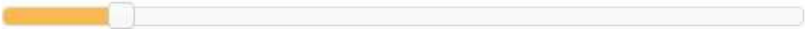


The Coach

9am 11th November

Displayed Time: 09:00 (GMT+0.0) Az:137.6 Mult:5.6

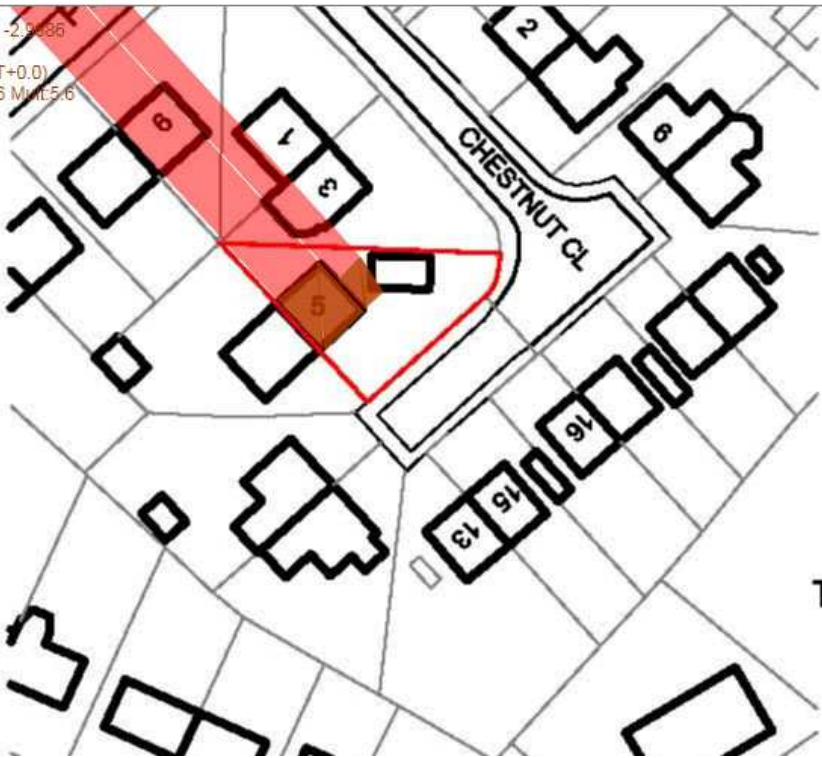
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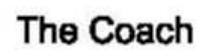
Next>

Auto-Play

Location: 53.088, -2.9586
Date: 2023-11-11
Time: 09:00 (GMT+0.0)
Shadow: Az:137.6 Mult:5.6



The Coach



4pm 11th November

Displayed Time: 16:00 (GMT+0.0) Az:236.6 Mult:25.1 ▾

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Auto-Play

Location: 53.088, -2.9886
Date: 2023-11-11
Time: 16:00 (GMT+0.0)
Shadow: Az:236.6 Mult:25.1



The Coach

Conclusion:

Three periods of time throughout a year, March, July & November have been studied.

As can be seen the proposed side extension does not particularly exacerbate the current situation in terms of shading to the conservatory to the north of the application site. In the summer months the conservatory is hardly impacted at all.

No new windows to the first floor rear elevation are proposed (other than high level roof lights) so overlooking will not be an issue.