

**8 Sarsfield Terrace, Lucan, Co. Dublin.
Shadow Study**

(to be read in conjunction with accompanying diagrams)

August 2021

Where there is no change in the impact of shadows on neighbouring properties the time will be highlighted in **black**.

Where the impact of the proposed development is greater than the current configuration the time will be highlighted in **red**.

Proposed Development

Summer Shadow Study – June 21st

8am

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

9am

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

10am

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

11am

There is no extra shading to no.7 as a result of the proposed development

There is no extra shading to no.9 as a result of the proposed development.

12pm (noon)

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

1pm

There is minimal extra shading to no.7 rear extension as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

2pm

There is minimal extra shading to no.7 rear extension as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

3pm

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

4pm

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

5pm

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

6pm

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

7pm

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

8pm

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

Proposed Development

Winter Shadow Study – December 21st

9am

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

10am

There is extra shading to only one of the upstairs windows of no. 7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

11am

There is extra shading to the two upstairs windows and ground floor extension of no. 7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

12pm (noon)

There is extra shading to the two upstairs windows and ground floor extension of no. 7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

1pm

There is extra shading to the upper portion of the two upstairs windows of no. 7 only. There is no additional adverse impact at ground floor level.

There is no extra shading to no.9 as a result of the proposed development.

2pm

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

3pm

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

4pm

There is no extra shading to no.7 as a result of the proposed development.

There is no extra shading to no.9 as a result of the proposed development.

Summary of Shadow Study of Proposed Development

The shadow study is conclusive in that it demonstrates quite clearly that the overall impact of the proposed development on no. 7 and no. 9 Sarsfield Terrace is minimal.

While, at certain short periods early in the day, during the height of winter, a minor amount of extra overshadowing occurs to areas of no. 7.

It should be noted that the shadow study demonstrates the extreme scenario whereby you would have clear skies in Winter. For most of the winter days the sky will be overcast and so there won't be any direct sunlight to block.

It is clear from this study that for the vast majority of the time there will be absolutely no impact in direct sunlight being obscured and certainly no impact with regard to reduced natural daylight occurring at no.7 & no. 9 Sarsfield Terrace.

This proposed development will not result in lost daylight to the neighbouring dwellings.

8 Sarsfield Terrace

**Shadow / Daylight Study
21st June 8am**



Existing Conditions



Proposed Development

8 Sarsfield Terrace

Shadow / Daylight Study
21st June 9am



Existing Conditions



Proposed Development

8 Sarsfield Terrace

Shadow / Daylight Study
21st June 10am



Existing Conditions



Proposed Development

8 Sarsfield Terrace

**Shadow / Daylight Study
21st June 11am**



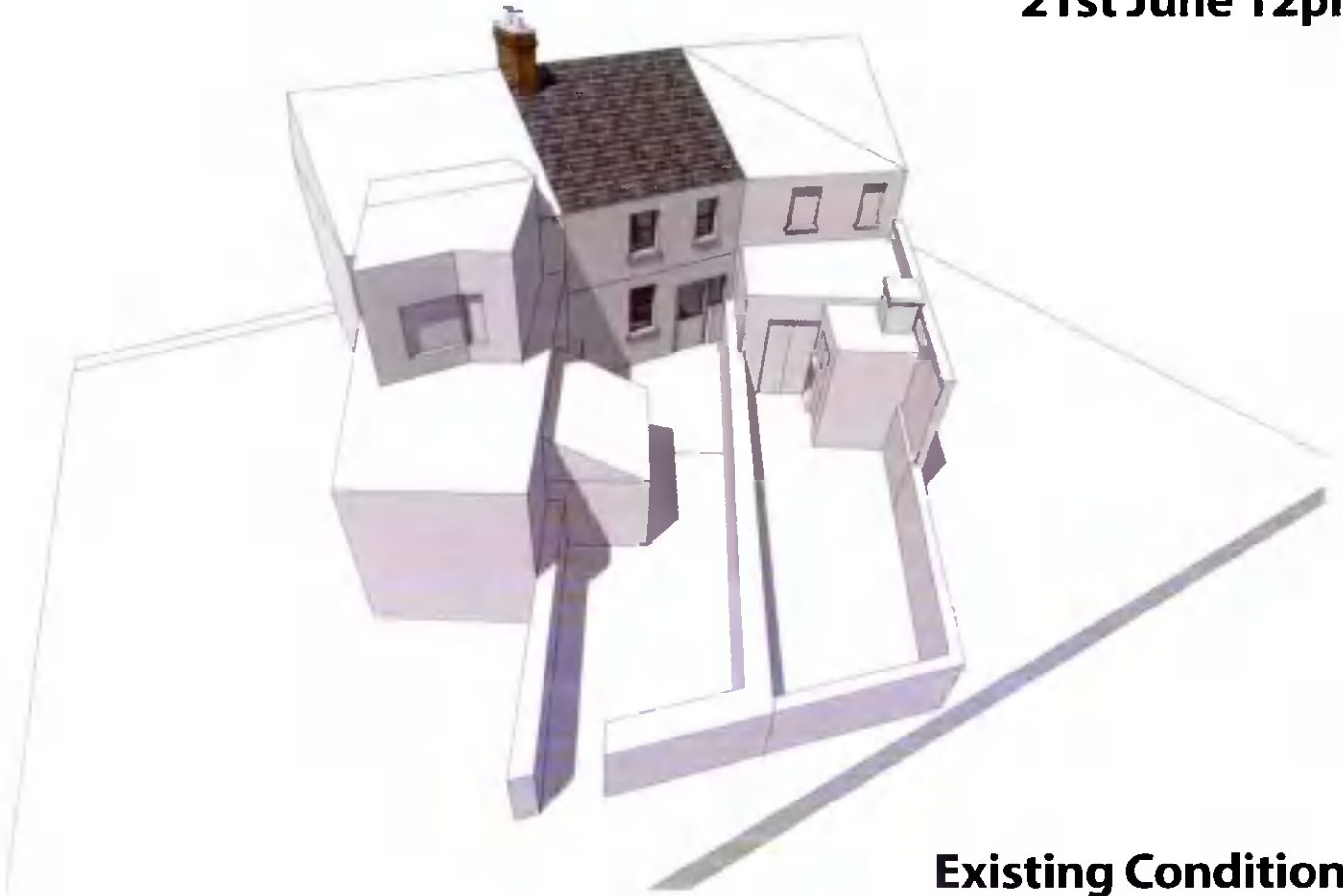
Existing Conditions



Proposed Development

8 Sarsfield Terrace

**Shadow / Daylight Study
21st June 12pm**



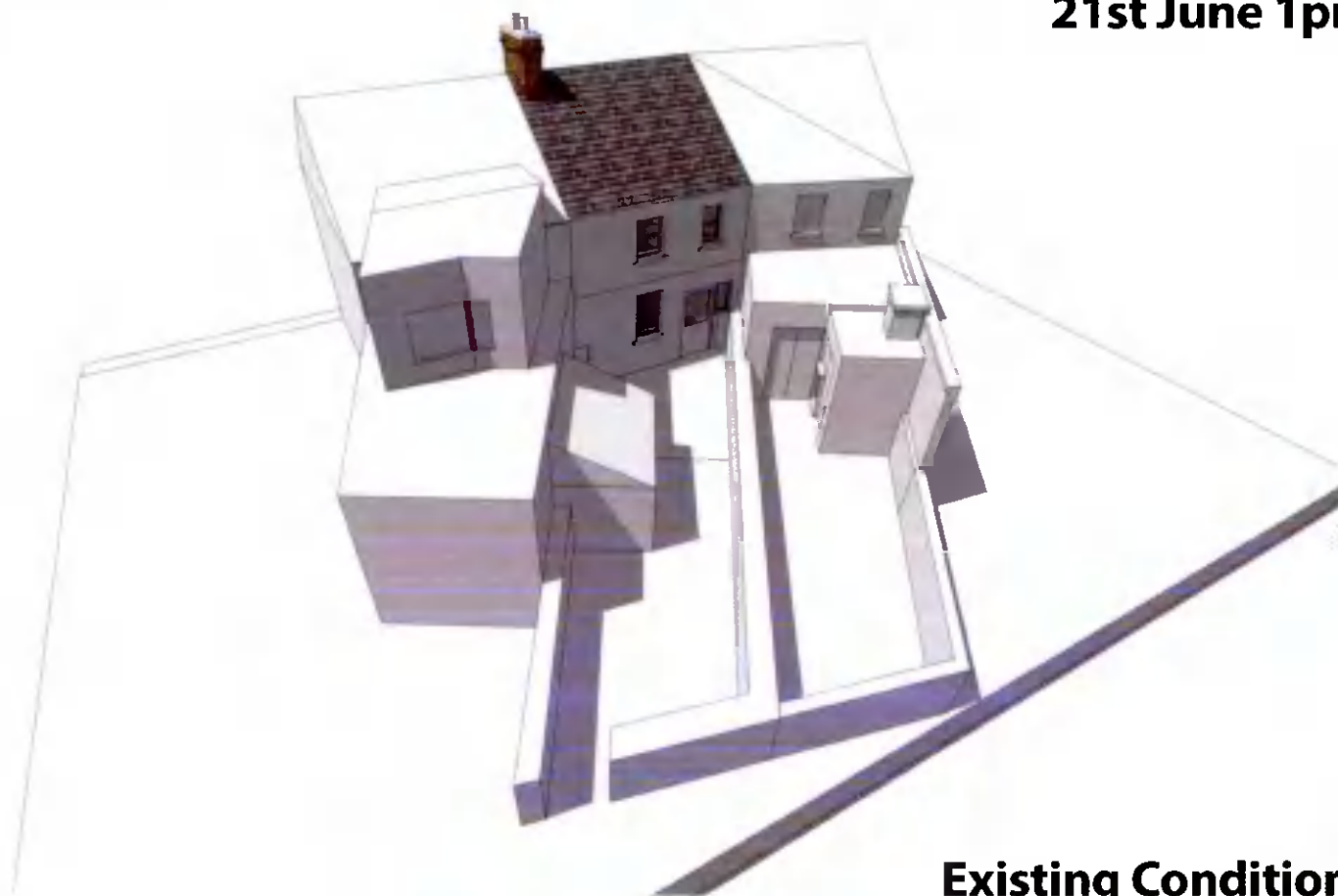
Existing Conditions



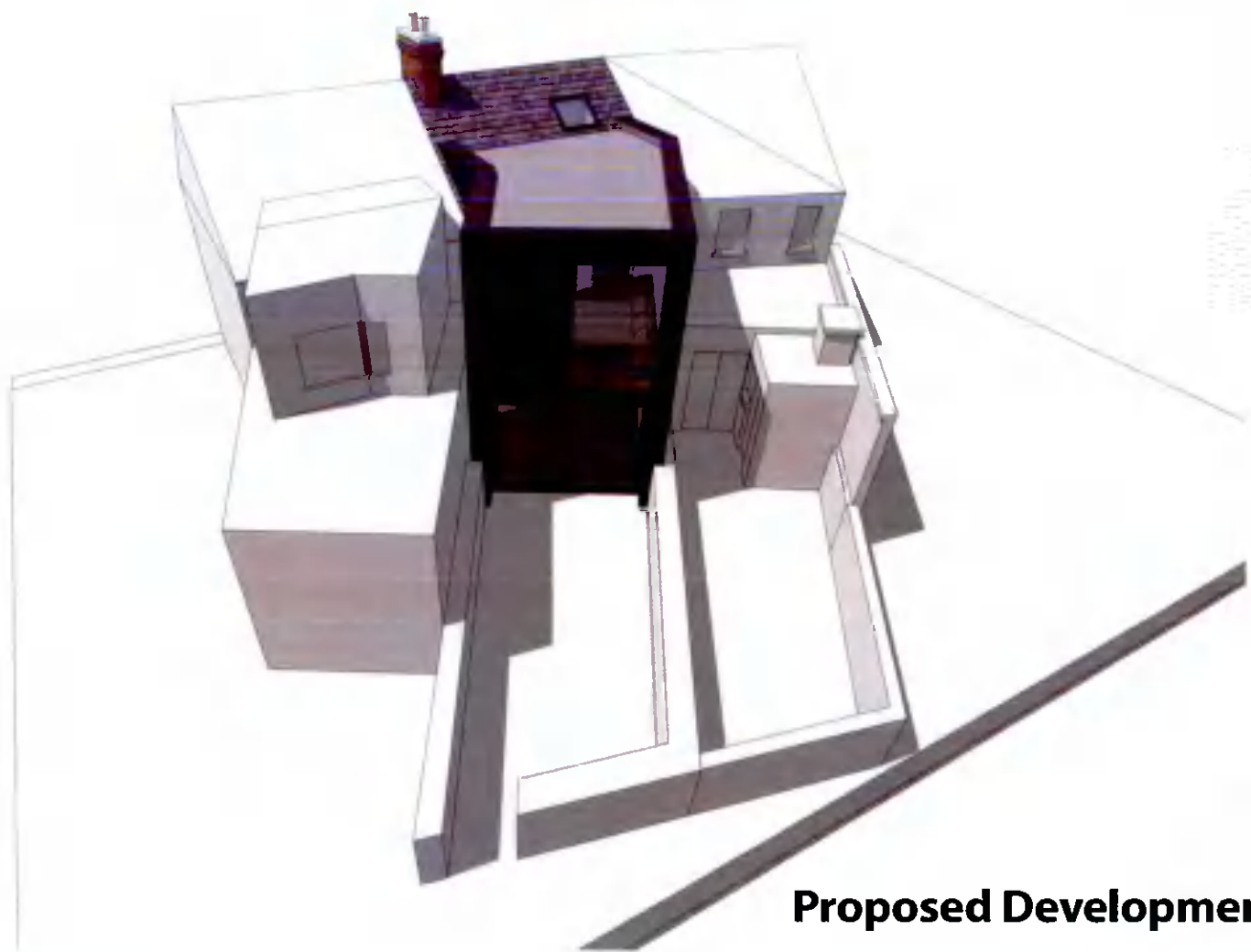
Proposed Development

8 Sarsfield Terrace

Shadow / Daylight Study
21st June 1pm



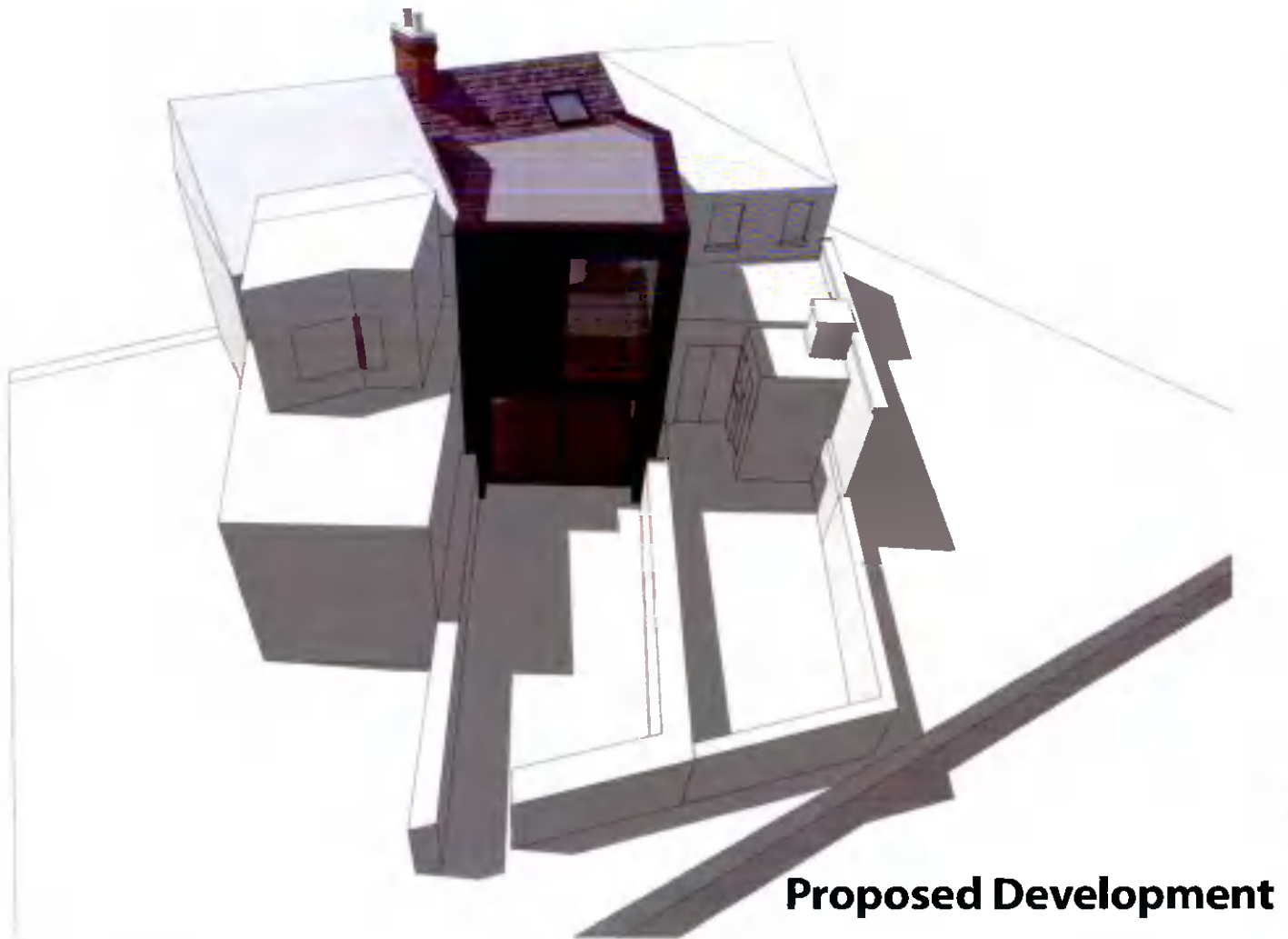
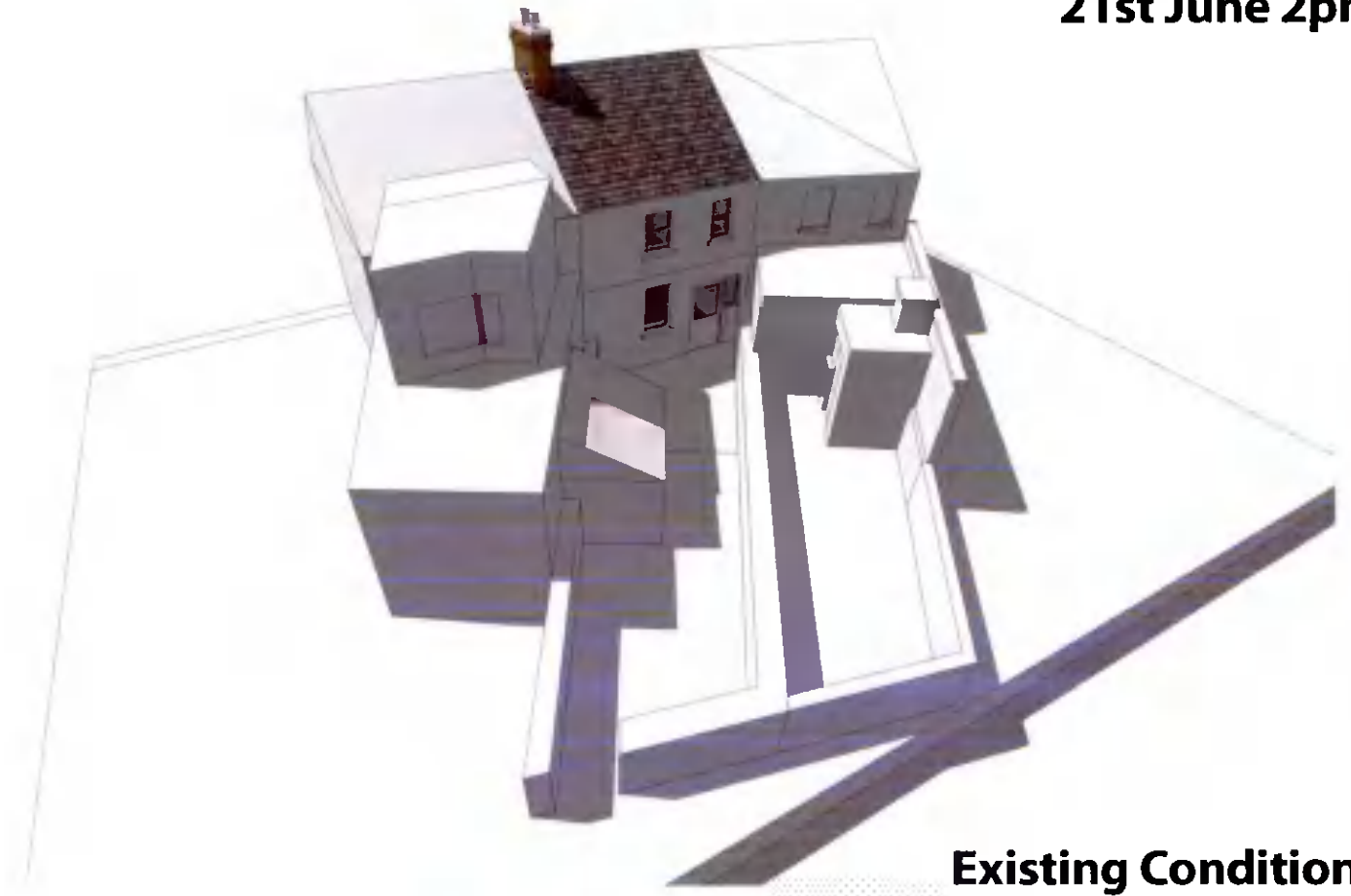
Existing Conditions



Proposed Development

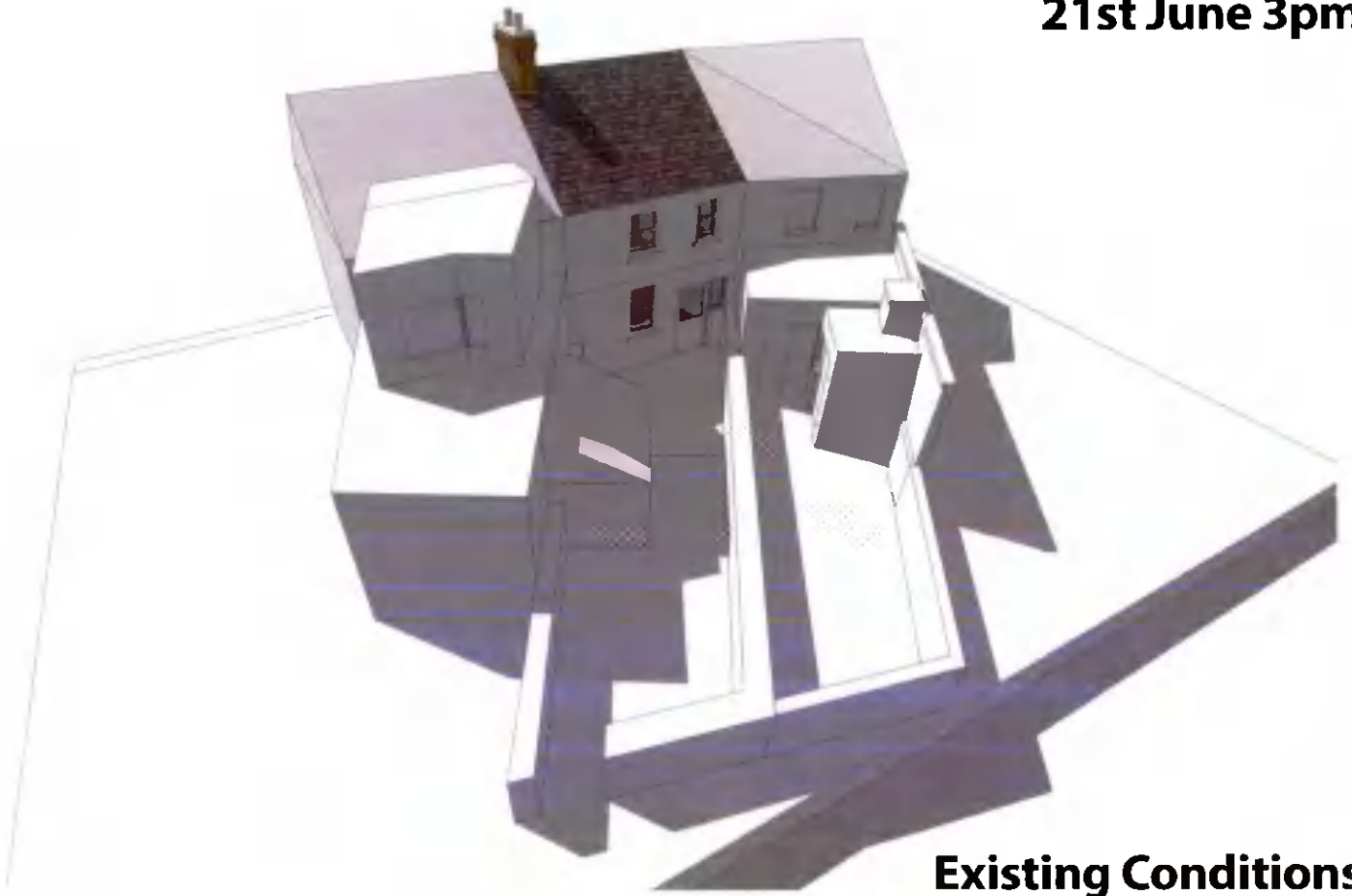
8 Sarsfield Terrace

Shadow / Daylight Study
21st June 2pm

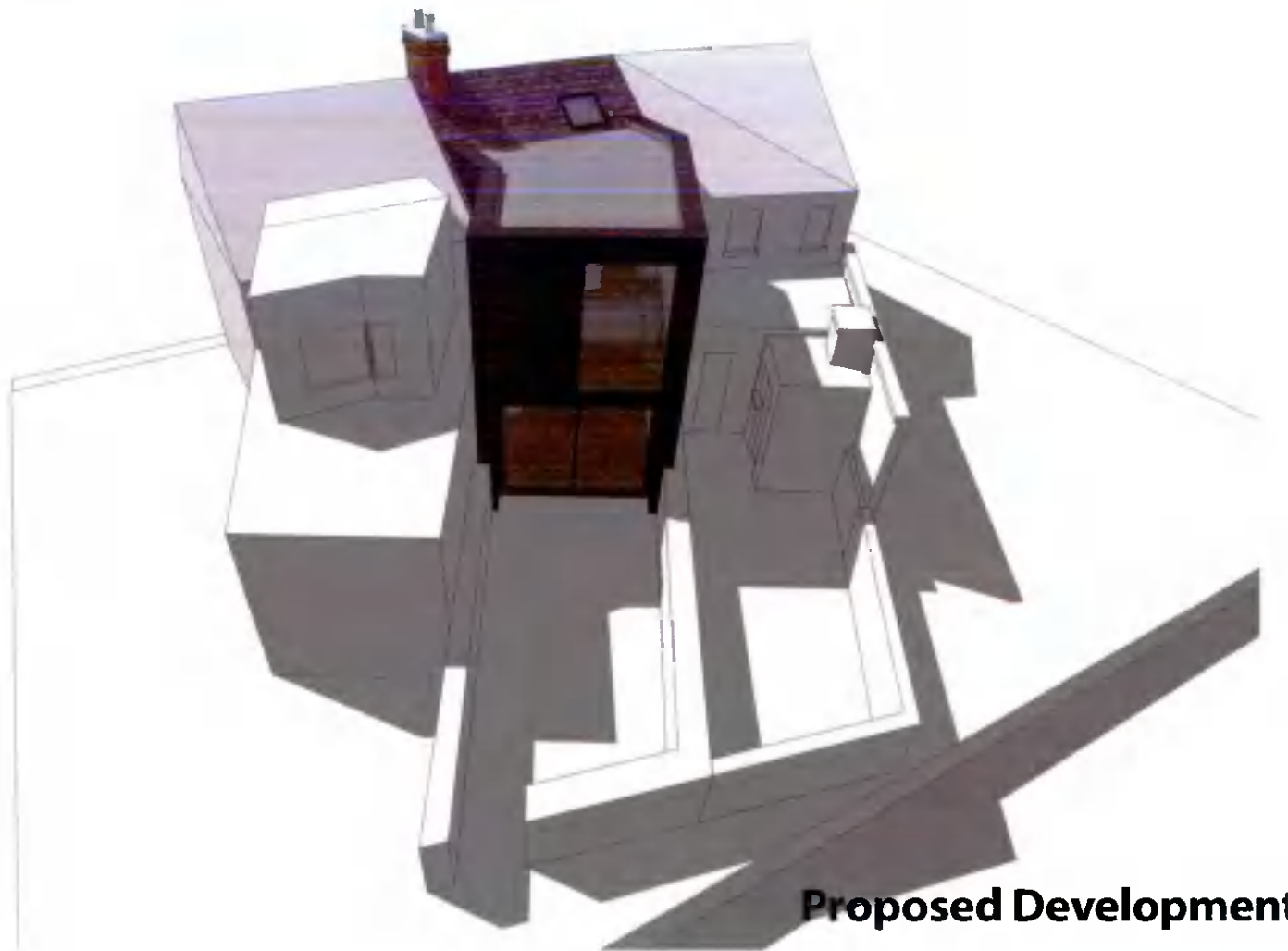


8 Sarsfield Terrace

**Shadow / Daylight Study
21st June 3pm**



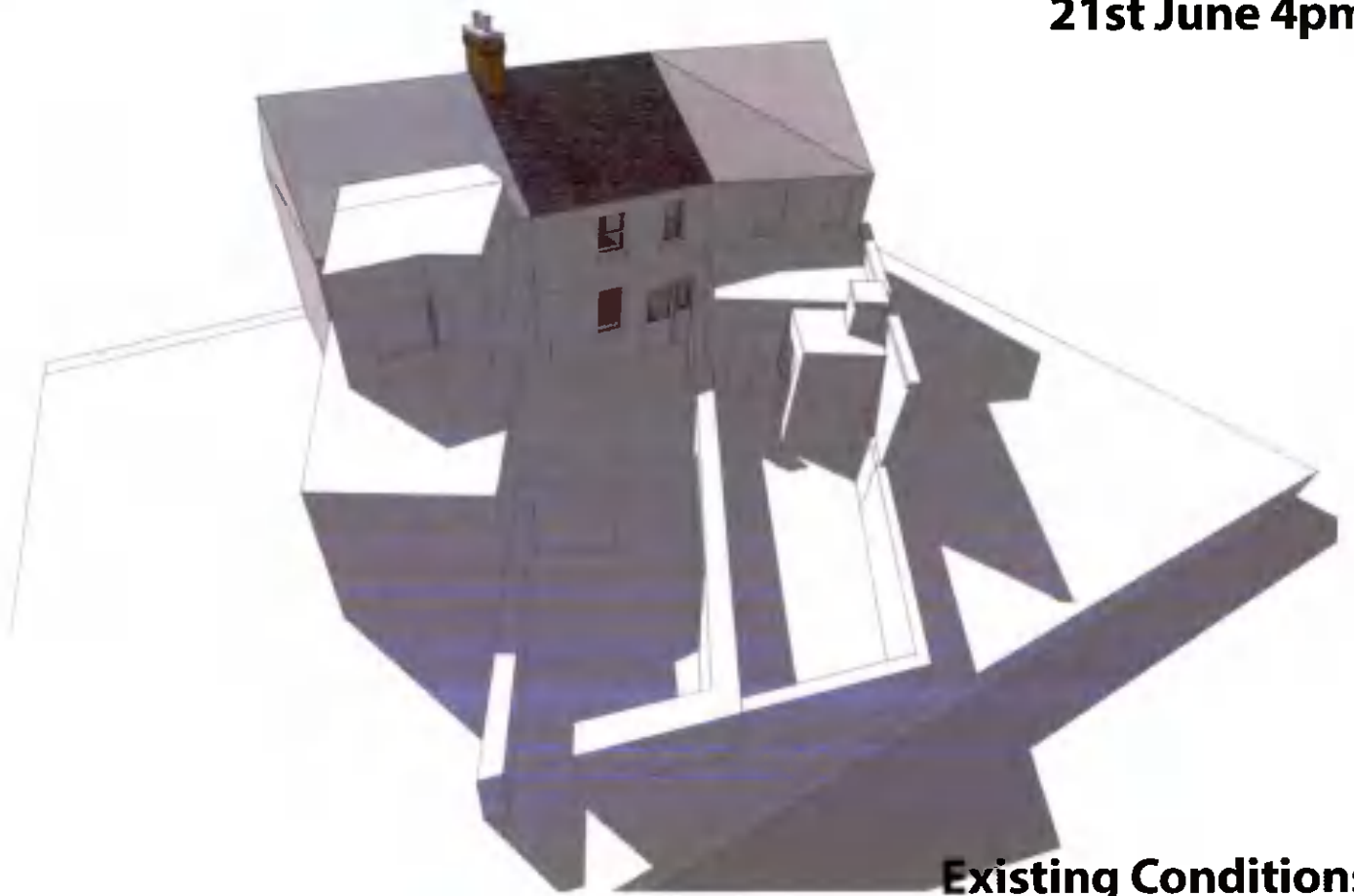
Existing Conditions



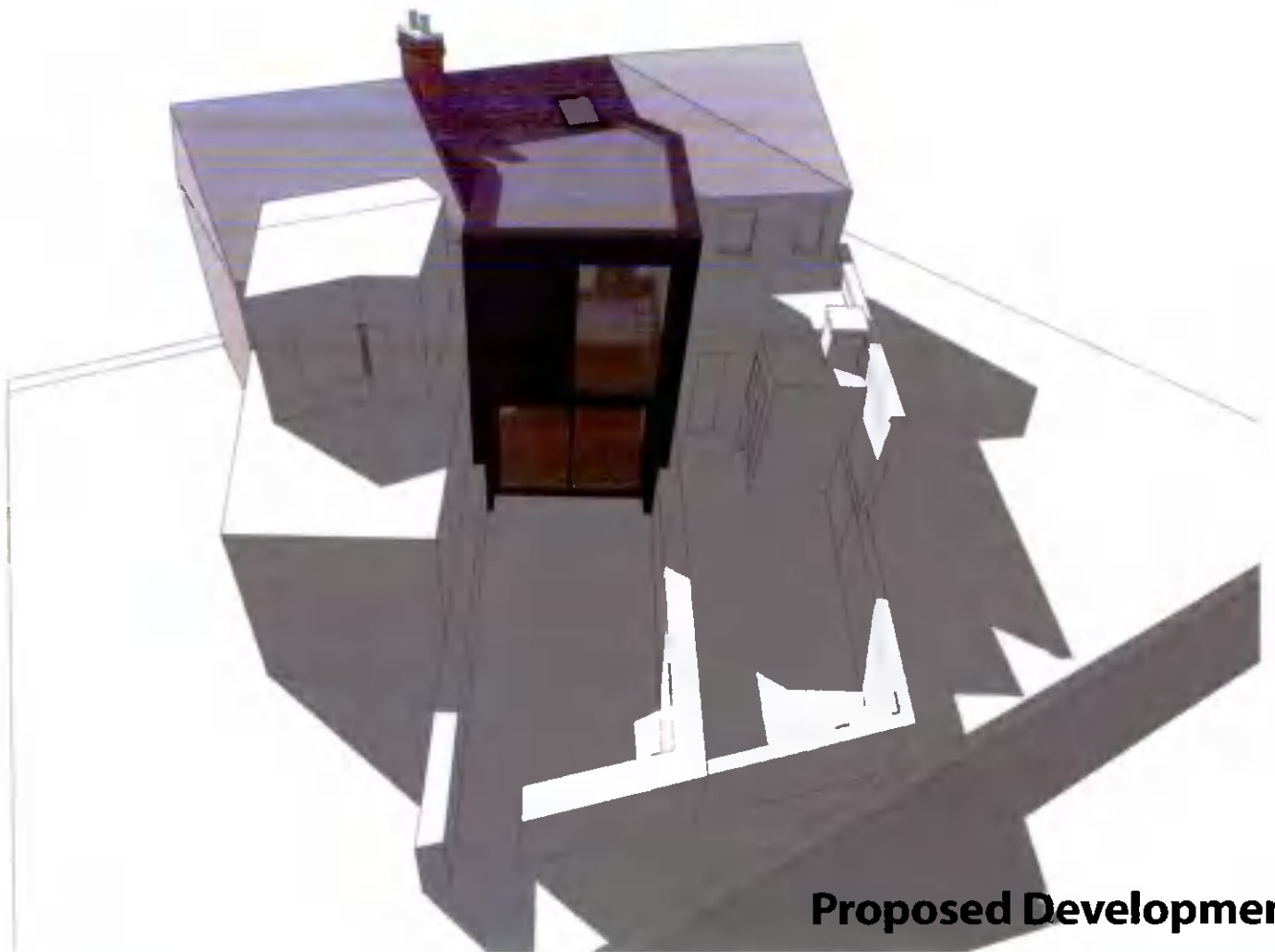
Proposed Development

8 Sarsfield Terrace

**Shadow / Daylight Study
21st June 4pm**



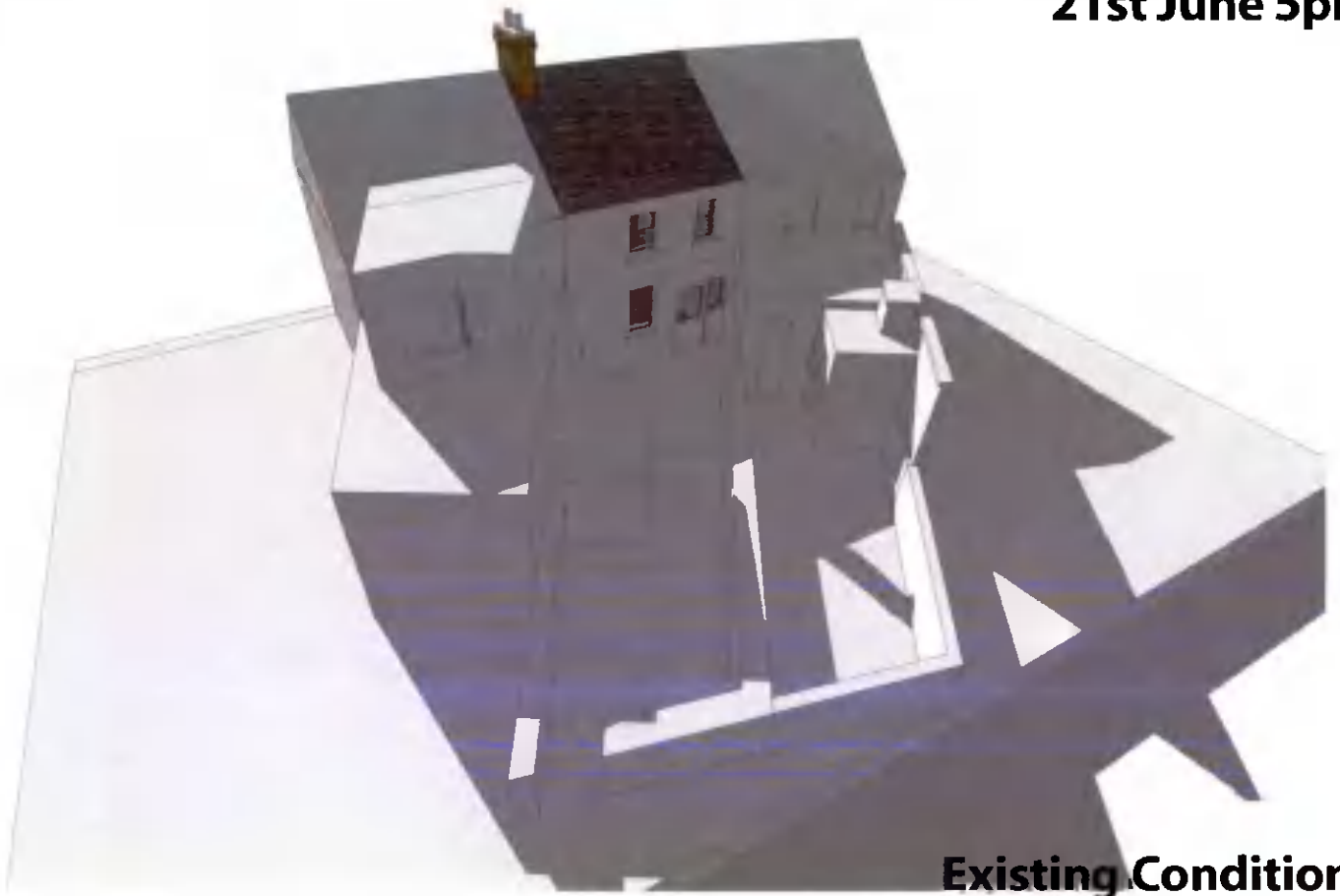
Existing Conditions



Proposed Development

8 Sarsfield Terrace

Shadow / Daylight Study
21st June 5pm



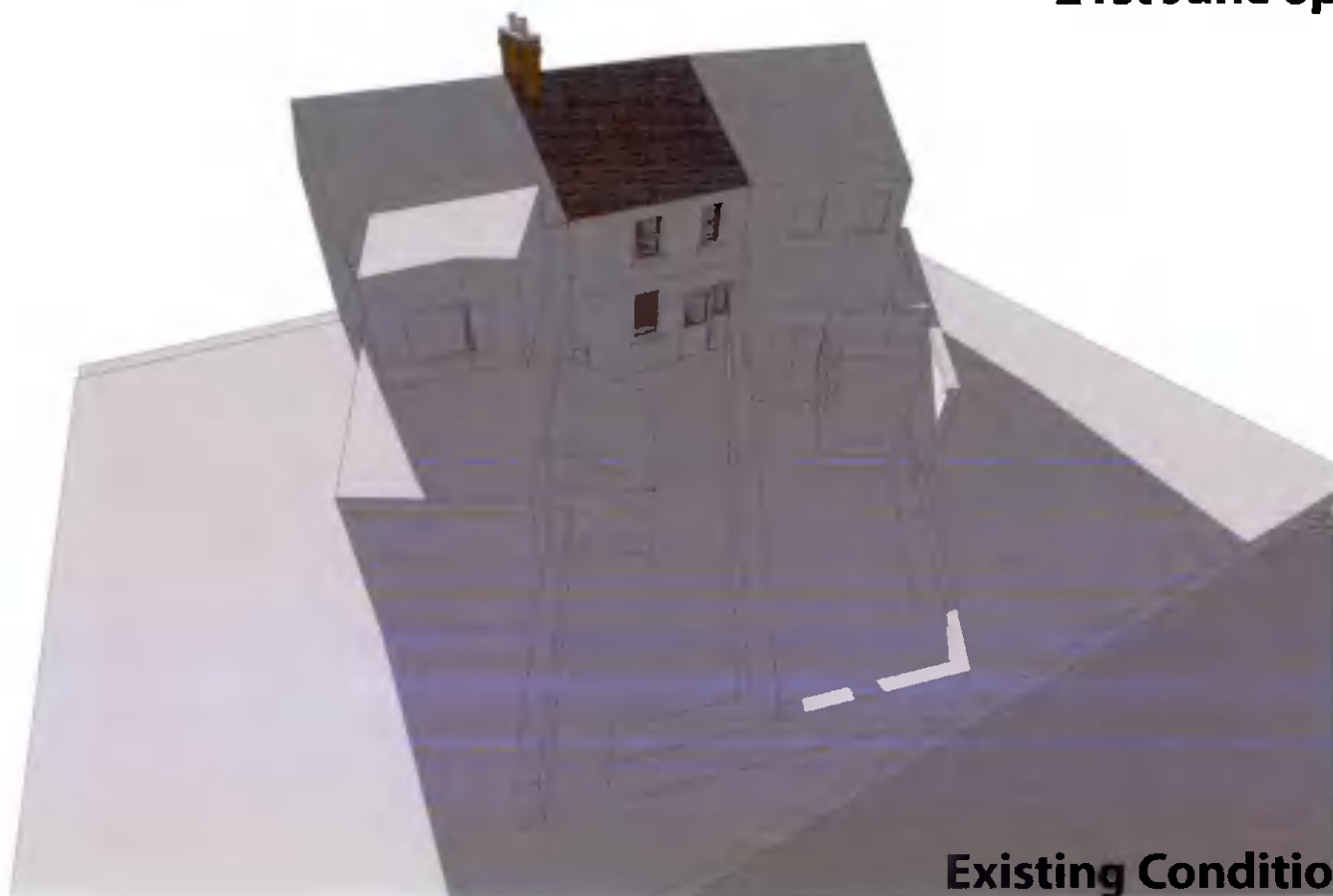
Existing Conditions



Proposed Development

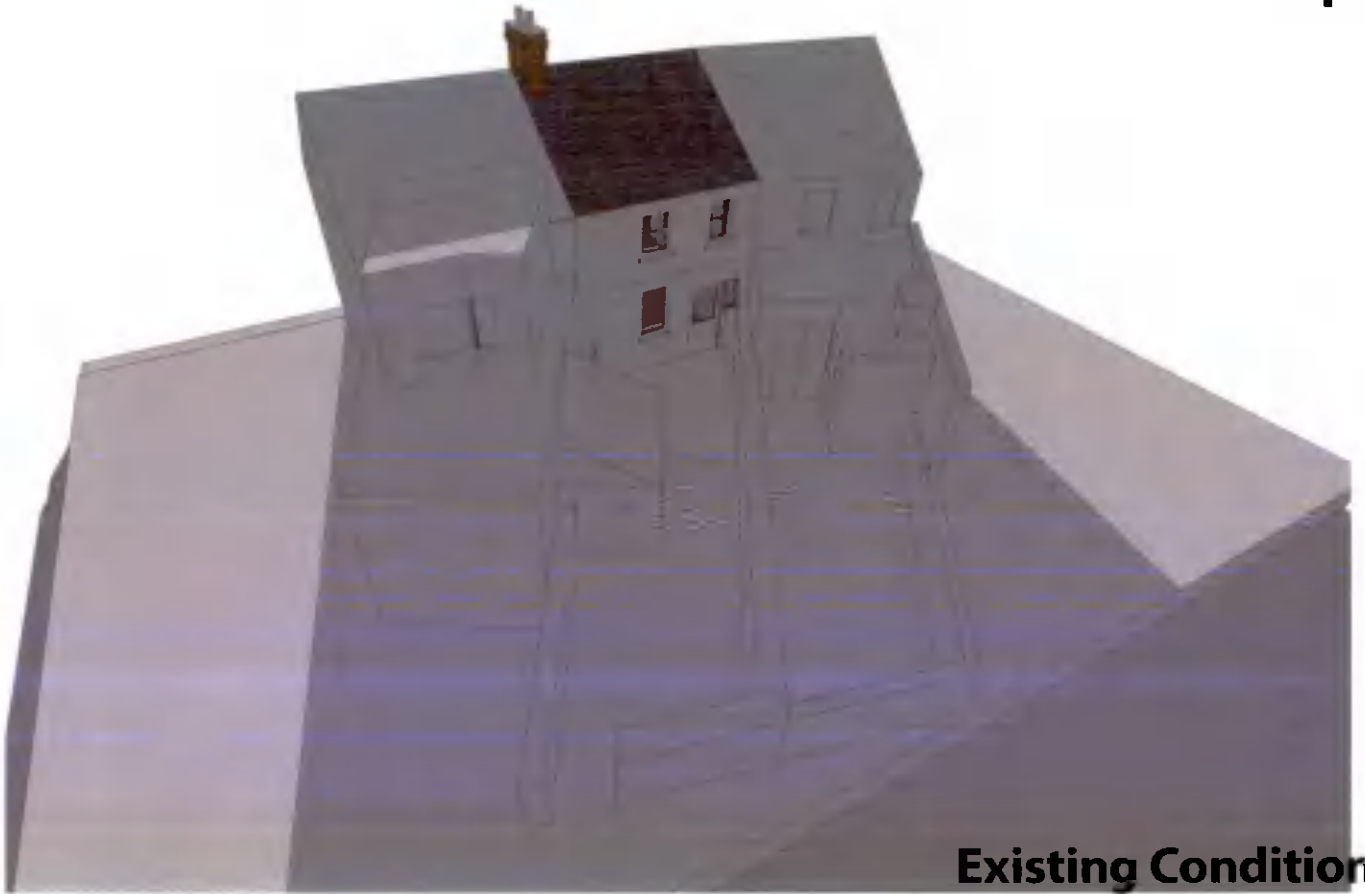
8 Sarsfield Terrace

Shadow / Daylight Study
21st June 6pm



8 Sarsfield Terrace

Shadow / Daylight Study
21st June 7pm



Existing Conditions



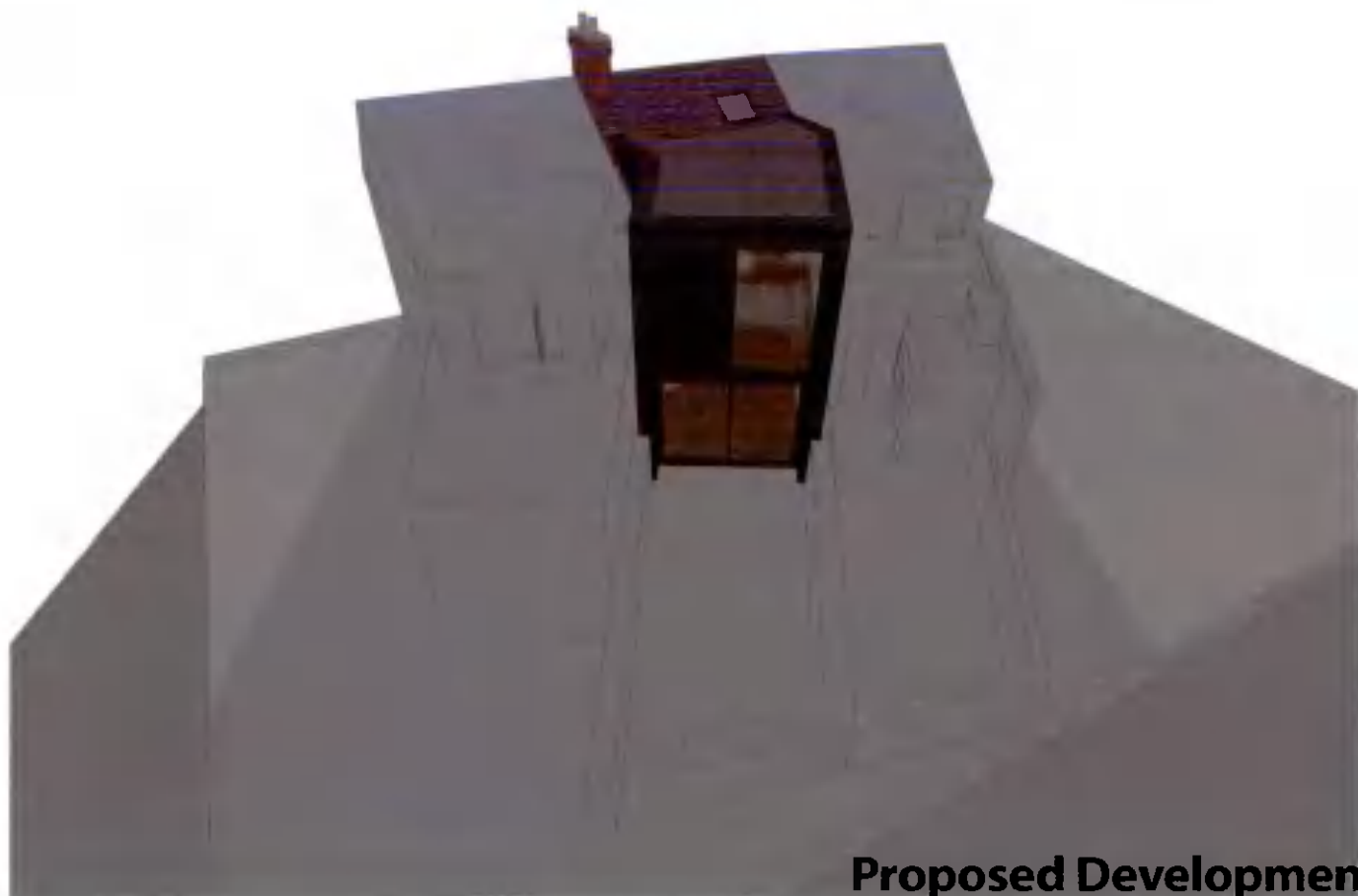
Proposed Development

8 Sarsfield Terrace

Shadow / Daylight Study
21st June 8pm



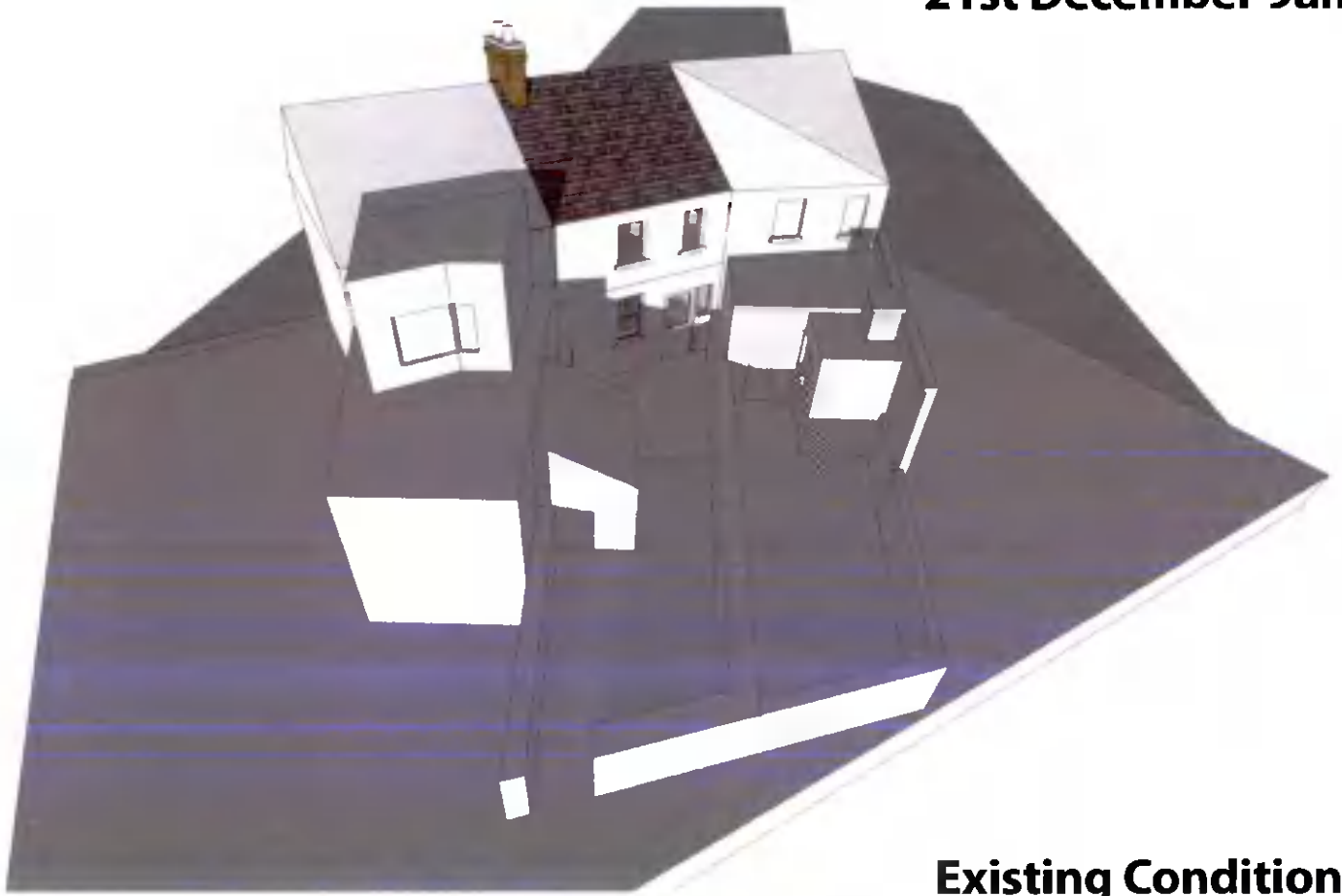
Existing Conditions



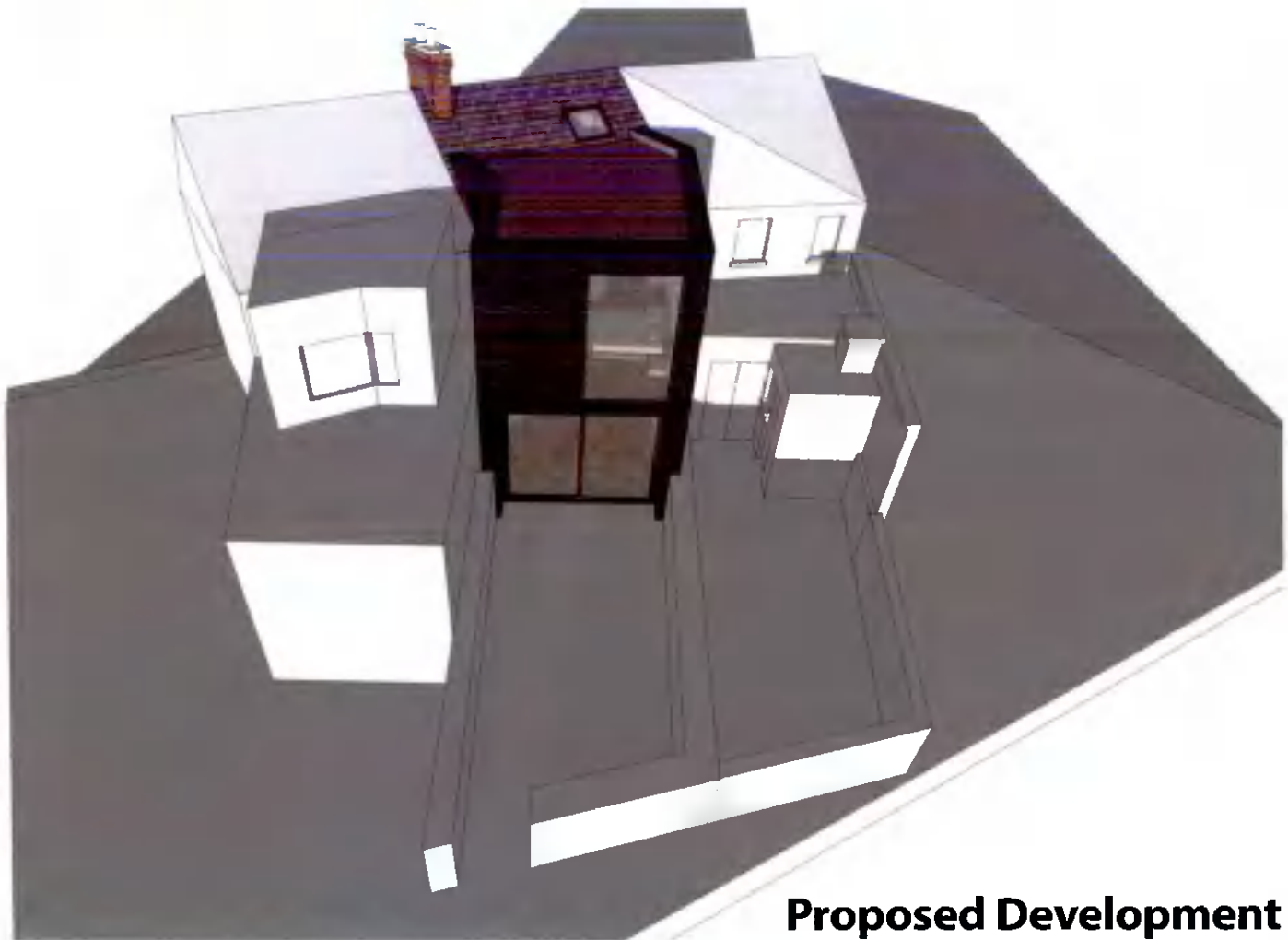
Proposed Development

8 Sarsfield Terrace

**Shadow / Daylight Study
21st December 9am**



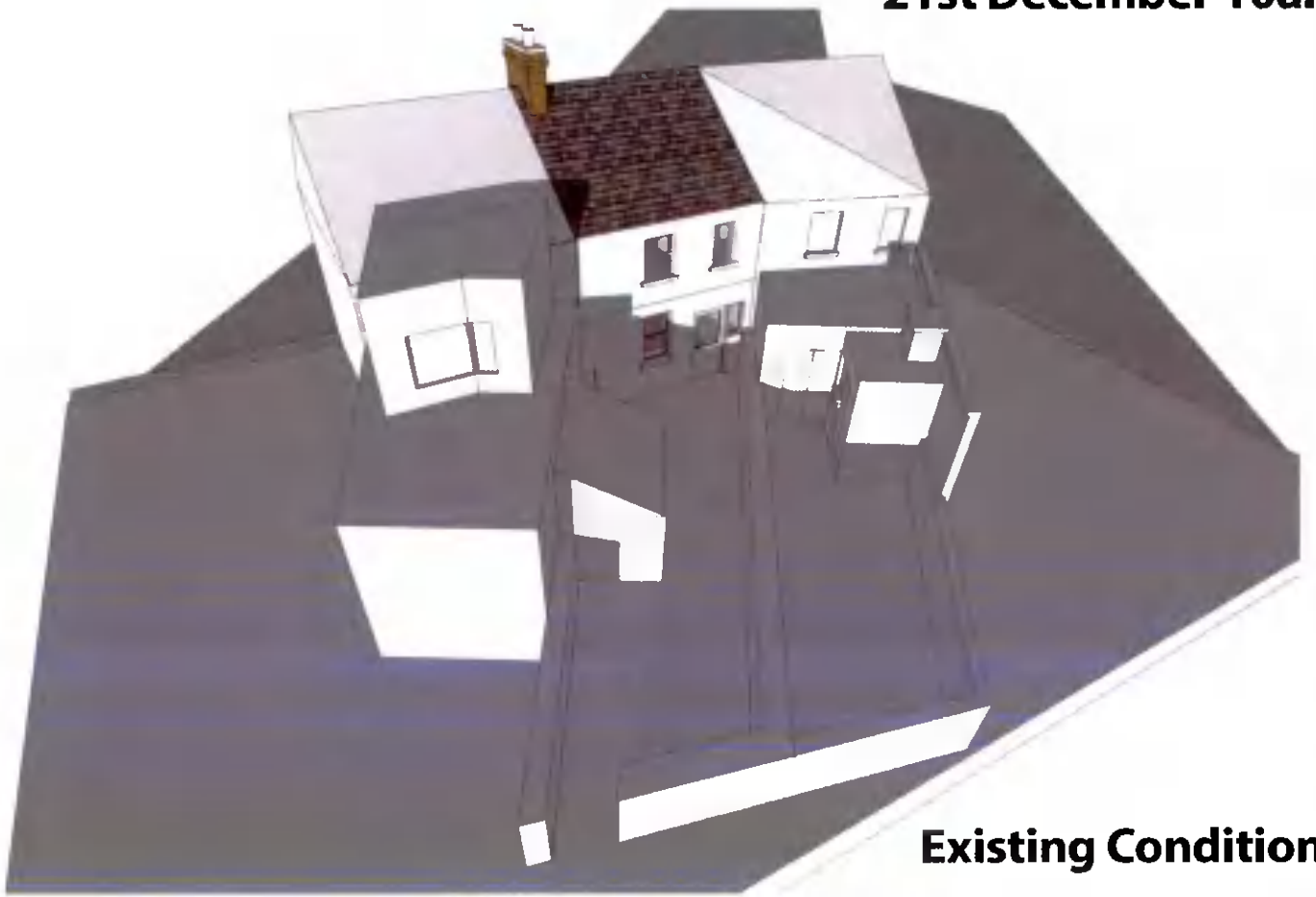
Existing Conditions



Proposed Development

8 Sarsfield Terrace

**Shadow / Daylight Study
21st December 10am**



Existing Conditions



Proposed Development

8 Sarsfield Terrace

**Shadow / Daylight Study
21st December 11am**



Existing Conditions



Proposed Development

8 Sarsfield Terrace

Shadow / Daylight Study
21st December 12pm



8 Sarsfield Terrace

**Shadow / Daylight Study
21st December 1pm**



Existing Conditions



Proposed Development

8 Sarsfield Terrace

Shadow / Daylight Study
21st December 2pm



Existing Conditions



Proposed Development

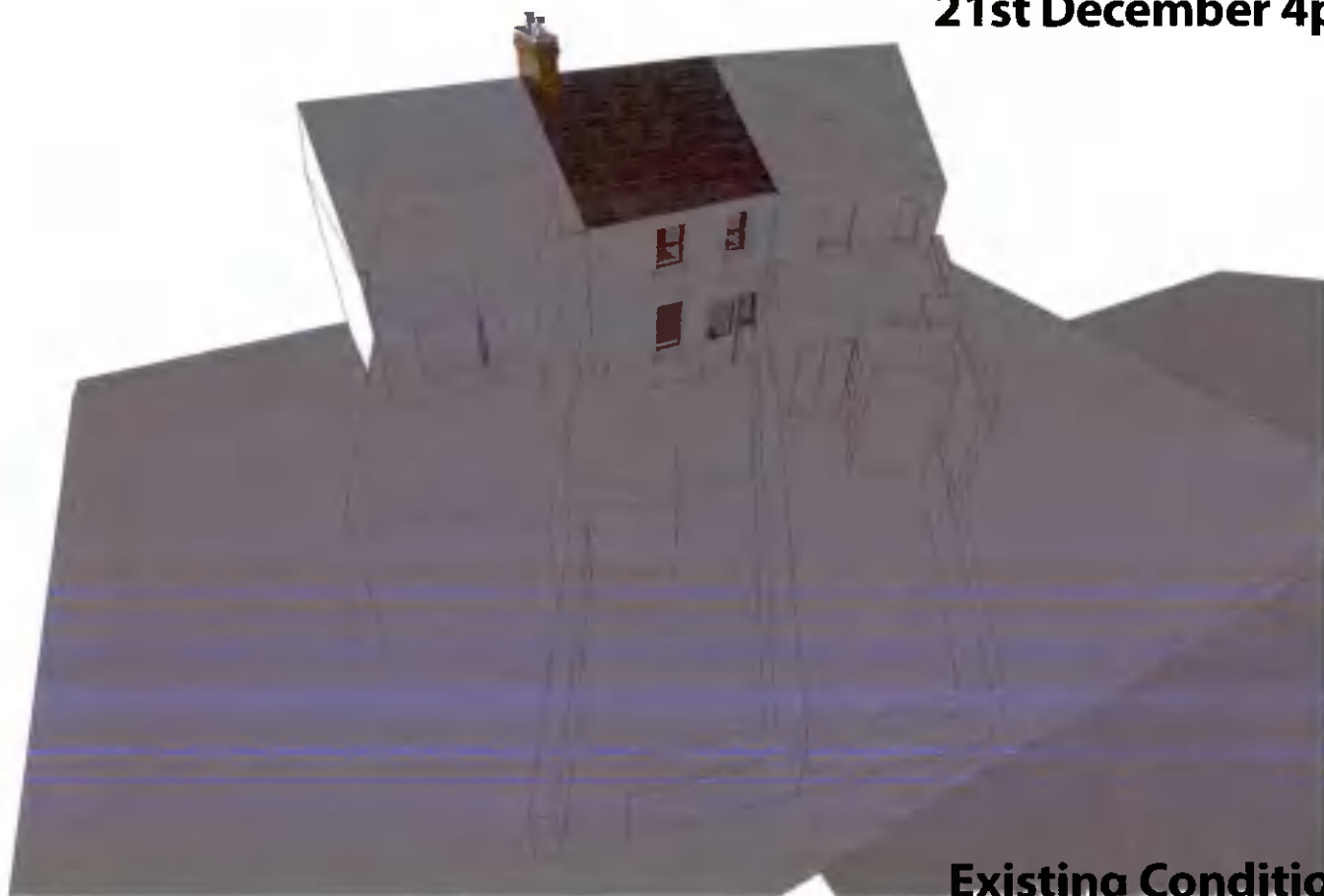
8 Sarsfield Terrace

**Shadow / Daylight Study
21st December 3pm**

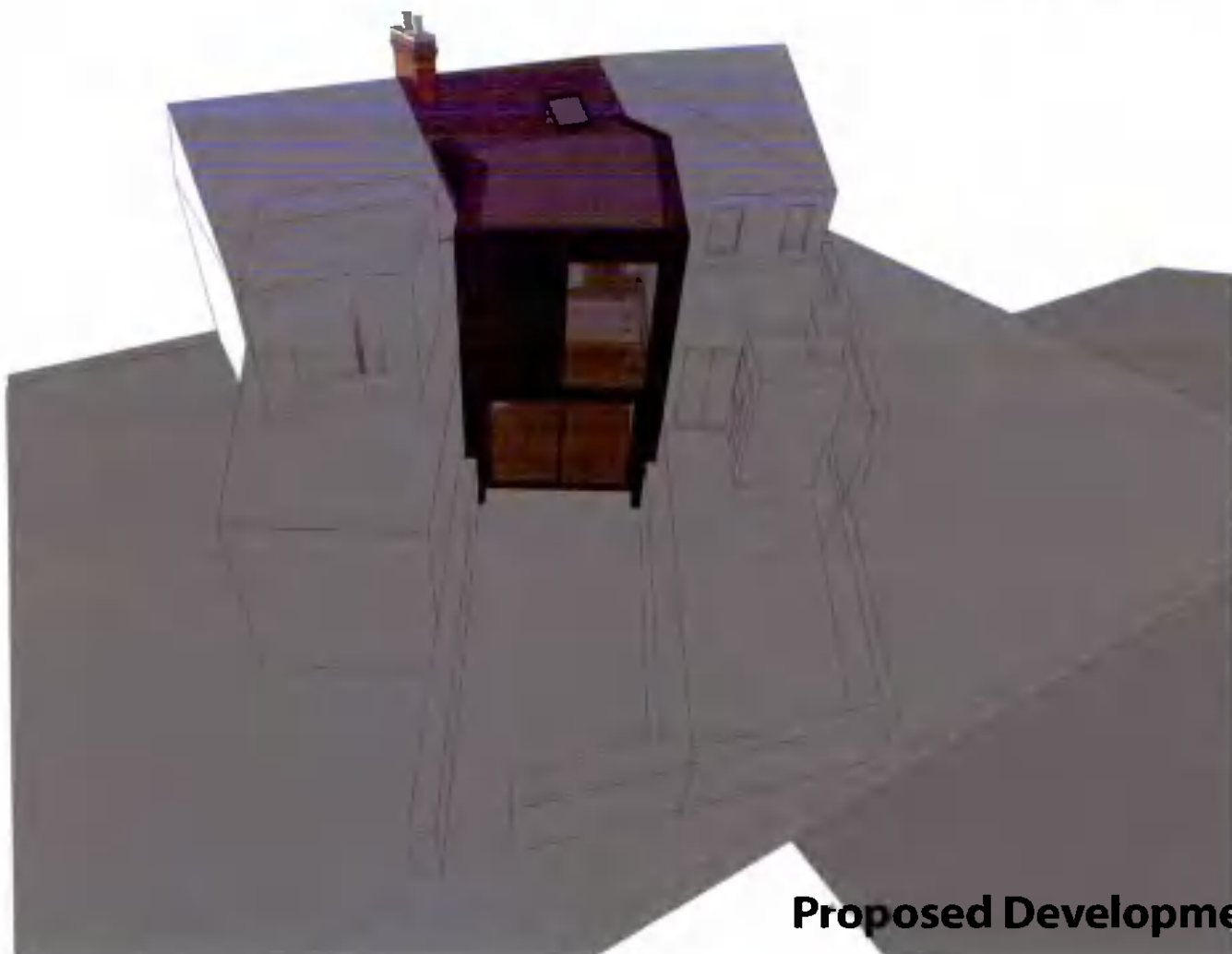


8 Sarsfield Terrace

Shadow / Daylight Study
21st December 4pm



Existing Conditions



Proposed Development