



Aylmer  
Parade,  
Aylmer Road,  
London, N2  
0PH

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## Daylight, Sunlight and Overshadowing Assessment

November  
2023

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19-6301



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| Revision      | Initial       | Rev 1 | Rev 2 | Rev 3 |
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| Date          | 07/12/2023    |       |       |       |
| Prepared by   | H. Al Khalifa |       |       |       |
| Checked by    | A. Gonzales   |       |       |       |
| Authorised by | M. Standen    |       |       |       |

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## 1. Executive Summary

This report demonstrates the impact of the proposed development at Aylmer Parade, Aylmer Road, London, N2 0PH **on the neighbouring buildings.**

The results of the assessment show that in terms of:

- ✓ Daylight, this report demonstrates that only one small ground floor window will see a minor impact in terms of Vertical Sky Component (VSC). However, as this is such a small window within a building that is commercial at ground, it is likely that this small window serves a storeroom at the rear. Therefore, it can be concluded that the proposed development will not have a detrimental impact on the neighbouring residential buildings.
- ✓ Sunlight, this report demonstrates that none of the neighbouring windows will see any significant loss of sunlight access.
- ✓ Overshadowing, this report demonstrates that the green area to the north of the development will not see any significant loss of sunlight access.

It can, therefore, be concluded that the proposed development is not expected to cause any significant impact to the daylight and sunlight access for neighbouring properties **Manor Court, 31-37 Aylmer Parade, and Links View.**

## 2. Introduction

This report has been prepared to support the planning application for the proposed development at Aylmer Parade, Aylmer Road, London, N2 0PH.

The report assesses the daylight and sunlight effect of the proposed development on the neighbouring buildings **Manor Court, 31-37 Aylmer Parade, and Links View**. The assessment is undertaken in accordance with "BRE 209 Digest: Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice".

The proposed drawings (in dwg format) of the project were provided by the architects on the 1<sup>st</sup> of December 2023 and has been used in preparing this report. The elevations and plans for the neighbouring buildings were modelled using the drawings obtained from the planning portal and Google earth (2020) and street view (2023).

| No. | Document Name                                                      | Format | Received Date |
|-----|--------------------------------------------------------------------|--------|---------------|
| 1   | 4189 - AD 113 RevC - Proposed Lower & Upper Ground Floor Plan - GA | dwg    | 01-12-2023    |
| 2   | 4189 - AD 114 RevC - Proposed First Floor Plan - GA                | dwg    | 01-12-2023    |
| 3   | 4189 - AD 115 RevB - Proposed Roof Plan - GA                       | dwg    | 01-12-2023    |
| 4   | 4189 - AD 210 RevA - Proposed Elevations - Sheet 1                 | dwg    | 01-12-2023    |
| 5   | 4189 - AD 211 RevA - Proposed Elevations - Sheet 2                 | dwg    | 01-12-2023    |
| 6   | 4189 - AD 300 RevC - Proposed Sections - Sheet 1                   | dwg    | 01-12-2023    |

Table 1 Document list used for assessment

The study has been undertaken by constructing a 3D Sketchup model of the existing site, the proposed site and the surrounding buildings. This model analyses the daylight, sunlight and overshadowing impact of the new development on the affected buildings. All images used in this report are technical 3D models created using 2D AutoCAD Drawings (floor plans, sections and elevations) and is not 3D visualisation images.



## 4. Assessment methodology

## General

When assessing any potential effects on the surrounding properties, the BRE guidelines suggest that only those windows that have a reasonable expectation of daylight or sunlight need be assessed. In particular the BRE guidelines at paragraph 2.2.2 state:

*"The guidelines given here are intended for use for rooms in adjoining dwellings where daylight is required, including living rooms, kitchens and bedrooms. Windows to bathrooms, toilets, storerooms, circulation areas and garages need not be analysed. The guidelines may also be applied to any existing non-domestic buildings where the occupants have a reasonable expectation of daylight; this would normally include schools, hospitals, hotels and hostels, small workshops and some offices."*

Further to the above statement, it is considered that the vast majority of commercial properties do not have a reasonable expectation of daylight or sunlight. This is because they are generally designed to rely on electric lighting rather than natural daylight or sunlight.

This report assesses the potential impact of the proposed development in relation to daylight, sunlight and overshadowing on the neighbouring properties at properties **Manor Court, 31-37 Aylmer Parade, and Links View**. Specifically, it takes into consideration the possible effect and influence that the new development would have on the property and on the amenity area.

The MBS analysis software utilised for the compilation of this report has been accredited by CIBSE and acknowledged by the BRE as a suitable software tool for undertaking daylight, sunlight and overshadowing assessments in accordance with the BRE Good Practice guidelines. The specific IES software modules utilised for this assessment are the following:

- Vertical Sky Components (VSC) and Annual Probable Sunlight Hours/Winter Probable sunlight Hours (APSH/WPSH) can be simulated using MBS.
- Sun Hours on Ground (SHOG) to assess the amount of sunlight seen in neighbouring amenity areas.

If a property is considered to have a reasonable expectation of daylight or sunlight the following methodology to assess the impacts has been used.

## BRE 209: "Site layout planning for daylight and sunlight"

This section provides a brief description of the calculating methods for the daylight, sunlight and overshadowing to gardens and open spaces criteria presented in BRE Digest 209.

## Daylight

The BRE guidelines "*Site layout planning for daylight and sunlight*" set out methods for assessing the daylight within section 2.

## Vertical Sky Component (VSC)

The VSC method measures the amount of light available on the outside plane at the centre of a window, as a ratio (expressed as a percentage) of the amount of total unobstructed sky visible following the introduction of visible barriers such as buildings. The BRE guidelines at paragraphs 2.2.6 and 2.2.7 state:

*"Any reduction in the total amount of skylight can be calculated by finding the VSC at the centre of each main window." and "If the VSC, with the new development in place, is both less than 27% and less than 0.8 times its former value, occupants of the existing building will notice the reduction in the amount of skylight."*

In the assessment, the reduction between existing and proposed situations is expressed as a percentage, where a change in daylight levels above 20% equates to a figure of less than 0.8 times its former value. Assessment points that do not meet the above criteria require further consideration to show the level of impact likely to be incurred.

## Sunlight

The BRE guidelines *"Site layout planning for daylight and sunlight"* recommend that access to sunlight is assessed with a development proposal. Potential impacts on available sunlight were assessed using the BRE's Annual Probable Sunlight Hours (APSH) method. This method involves the forecasting of sunlight availability throughout the year and in the winter months, for the main window of each habitable room that faces within 90° of due south. The buildings surrounding the site that do not contain windows that face within 90° of due south has been excluded from the sunlight assessment.

The sunlight criteria given within the BRE guidelines have been used as a basis to assess the potential impacts of the development:

*"A window may be adversely affected if a point at the centre of the window receives in the year less than 25% of the Annual Probable Sunlight Hours (APSH) including at least 5% of the APSH during the winter months (21<sup>st</sup> October to 21<sup>st</sup> March)".*

Assessment points that do not meet the above criteria require further consideration to show the level of impact likely to be incurred. To provide a concise and comprehensive indicative analysis, the closest surfaces within the surrounding properties were analysed for both daylight and sunlight.

## Overshadowing to gardens and open spaces

The BRE guidelines *"Site layout planning for daylight and sunlight"* provide sunlight availability criteria for open spaces. In particular it gives guidance for calculating any areas of open space that may be in permanent shadow on 21<sup>st</sup> March.

In summary the BRE document states:

*"It is suggested that, for it to appear adequately sunlit throughout the year, at least half of a garden or amenity area should receive at least two hours of sunlight on 21<sup>st</sup> March. If as a result of new development, an existing garden or amenity area does not meet these guidelines, and the area which*

*can receive two hours of sun on 21<sup>st</sup> March is less than 0.8 times its former value, then the loss of sunlight is likely to be noticeable".*

For this assessment the MBS Daylight software have been used. A 3D model of the proposed and surrounding buildings was first modelled and the sunlight-tracking feature within the software used to view the shadow results. The study illustrated the extent of the shadow on one key date:

- March 21 (Spring Equinox)

## 5 Criteria for assessing daylight, sunlight and overshadowing effects

The table 2 is a summary of the criteria to assess daylight, sunlight and overshadowing impacts as per the BRE 209 guidance. Based on that, Syntegra classifies the magnitude of effect according to the ratio.

| Magnitude of effect     | Criteria                                                                                                                                                                          |                                                                                                                                                     |                                                                                                                                                                                                      |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Beneficial</b>       | An improvement ratio > 1.3 of the baseline value                                                                                                                                  |                                                                                                                                                     |                                                                                                                                                                                                      |
| <b>Negligible</b>       | <b>Daylight</b><br><br>A VSC of 27% or above in the proposed scenario with adequate daylight distribution<br><br>Or<br><br>A reduction ratio <1.0 and ≥ 0.8 of the baseline value | <b>Sunlight</b><br><br>An APSH of 25%, of which 5% are in the winter months<br><br>Or<br><br>A reduction ratio <1.0 and ≥ 0.8 of the baseline value | <b>Overshadowing</b><br><br>50% of any amenity areas receiving at least 2 hours of direct sunlight on 21 <sup>st</sup> March<br><br>Or<br><br>A reduction ratio <1.0 and ≥ 0.8 of the baseline value |
| <b>Minor adverse</b>    | A reduction ratio <0.8 and ≥ 0.7 of the baseline value                                                                                                                            |                                                                                                                                                     |                                                                                                                                                                                                      |
| <b>Moderate adverse</b> | A reduction ratio <0.7 and ≥ 0.6 of the baseline value                                                                                                                            |                                                                                                                                                     |                                                                                                                                                                                                      |
| <b>Major adverse</b>    | A reduction ratio <0.6 of the baseline value                                                                                                                                      |                                                                                                                                                     |                                                                                                                                                                                                      |

Table 2 Criteria for assessing daylight, sunlight and overshadowing effects

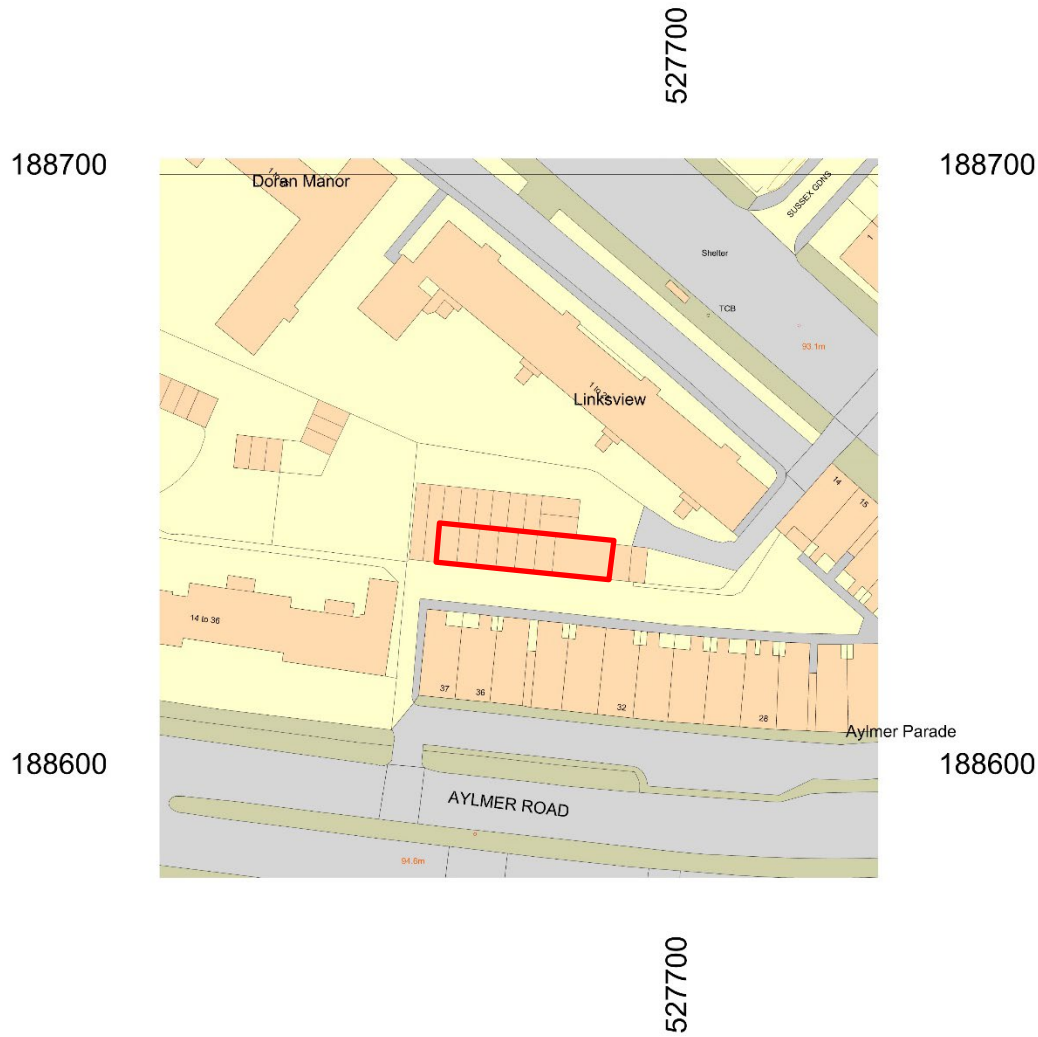


Image 1 – Site Location

## 6 ASSESSMENT

### 6.4 Daylight (VSC)

The daylight results show and compare the external levels of daylight (VSC – Vertical Sky Components) on the surfaces at **Manor Court, 31-37 Aylmer Parade, and Links View** with the existing and proposed scenarios.

A summary of results is displayed in the table below. Location of the assessed windows can be found in section 8.4 of this report.

| Daylight assessment (Surrounding buildings) |        |                 |                  |                  |       |               |
|---------------------------------------------|--------|-----------------|------------------|------------------|-------|---------------|
| Address                                     | Floor  | Assessed Window | Existing VSC>27% | Proposed VSC>27% | Ratio | Result        |
| Manor Court                                 | Ground | 1               | 18.51            | 17.91            | 0.97  | Negligible    |
|                                             |        | 2               | 22.04            | 20.9             | 0.95  | Negligible    |
|                                             |        | 3               | 26.28            | 23.75            | 0.9   | Negligible    |
|                                             |        | 4               | 30.79            | 28.28            | 0.92  | Negligible    |
|                                             |        | 5               | 32.16            | 30.35            | 0.94  | Negligible    |
|                                             | First  | 6               | 25.64            | 25.45            | 0.99  | Negligible    |
|                                             |        | 7               | 27.69            | 27.42            | 0.99  | Negligible    |
|                                             |        | 8               | 30.56            | 29.52            | 0.97  | Negligible    |
|                                             |        | 9               | 32.73            | 31.46            | 0.96  | Negligible    |
|                                             |        | 10              | 33.94            | 33.09            | 0.97  | Negligible    |
|                                             | Second | 11              | 31.27            | 31.27            | 1     | Negligible    |
|                                             |        | 12              | 32.45            | 32.45            | 1     | Negligible    |
|                                             |        | 13              | 33.36            | 33.36            | 1     | Negligible    |
|                                             |        | 14              | 33.97            | 33.95            | 1     | Negligible    |
|                                             |        | 15              | 35.06            | 35.06            | 1     | Negligible    |
| 31 Aylmer Parade                            | First  | 16              | 33.73            | 33.22            | 0.98  | Negligible    |
|                                             |        | 17              | 33.37            | 32.9             | 0.99  | Negligible    |
|                                             | Second | 18              | 35.73            | 35.71            | 1     | Negligible    |
|                                             |        | 19              | 35.34            | 35.33            | 1     | Negligible    |
| 32 Aylmer Parade                            | Ground | 20              | 28.9             | 23.49            | 0.81  | Negligible    |
|                                             | First  | 21              | 33.39            | 32.88            | 0.98  | Negligible    |
|                                             |        | 22              | 33.8             | 33.15            | 0.98  | Negligible    |
|                                             | Second | 23              | 35.33            | 35.31            | 1     | Negligible    |
|                                             |        | 24              | 35.72            | 35.7             | 1     | Negligible    |
| 33 Aylmer Parade                            | First  | 25              | 33.85            | 33.17            | 0.98  | Negligible    |
|                                             |        | 26              | 33.54            | 32.98            | 0.98  | Negligible    |
|                                             | Second | 27              | 35.75            | 35.72            | 1     | Negligible    |
|                                             |        | 28              | 35.39            | 35.38            | 1     | Negligible    |
|                                             | Ground | 29              | 25.14            | 19.15            | 0.76  | Minor Adverse |
| 34 Aylmer Parade                            | First  | 30              | 33.63            | 33.06            | 0.98  | Negligible    |
|                                             |        | 31              | 34.12            | 33.46            | 0.98  | Negligible    |
|                                             | Second | 32              | 35.45            | 35.43            | 1     | Negligible    |
|                                             |        | 33              | 35.92            | 35.9             | 1     | Negligible    |

|                  |        |    |       |       |      |            |
|------------------|--------|----|-------|-------|------|------------|
| 35 Aylmer Parade | First  | 34 | 34.22 | 33.64 | 0.98 | Negligible |
|                  |        | 35 | 33.85 | 33.38 | 0.99 | Negligible |
|                  | Second | 36 | 36    | 36    | 1    | Negligible |
|                  |        | 37 | 35.64 | 35.64 | 1    | Negligible |
| 36 Aylmer Parade | Ground | 38 | 24.51 | 20.41 | 0.83 | Negligible |
|                  | First  | 39 | 33.8  | 33.36 | 0.99 | Negligible |
|                  |        | 40 | 33.92 | 33.45 | 0.99 | Negligible |
|                  | Second | 41 | 35.64 | 35.64 | 1    | Negligible |
|                  |        | 42 | 35.96 | 35.96 | 1    | Negligible |
| 37 Aylmer Parade | Ground | 43 | 27.83 | 23.15 | 0.83 | Negligible |
|                  | First  | 44 | 33.15 | 32.88 | 0.99 | Negligible |
|                  |        | 45 | 31.39 | 31.3  | 1    | Negligible |
|                  | Second | 46 | 35.64 | 35.64 | 1    | Negligible |
|                  |        | 47 | 34.67 | 34.67 | 1    | Negligible |
| Links View       | Ground | 48 | 28.63 | 27.43 | 0.96 | Negligible |
|                  |        | 49 | 25.04 | 23.66 | 0.94 | Negligible |
|                  |        | 50 | 19.97 | 19.52 | 0.98 | Negligible |
|                  |        | 51 | 22.34 | 19.86 | 0.89 | Negligible |
|                  |        | 52 | 27.05 | 24.4  | 0.9  | Negligible |
|                  |        | 53 | 30.04 | 27.29 | 0.91 | Negligible |
|                  |        | 54 | 30.1  | 27.4  | 0.91 | Negligible |
|                  |        | 55 | 26.91 | 24.4  | 0.91 | Negligible |
|                  |        | 56 | 21.54 | 19.32 | 0.9  | Negligible |
|                  |        | 57 | 24.63 | 23.48 | 0.95 | Negligible |
|                  |        | 58 | 29.02 | 27.55 | 0.95 | Negligible |
|                  |        | 59 | 31.59 | 30.2  | 0.96 | Negligible |
|                  |        | 60 | 31.63 | 30.52 | 0.96 | Negligible |
|                  |        | 61 | 28.38 | 27.45 | 0.97 | Negligible |
|                  |        | 62 | 22.5  | 21.68 | 0.96 | Negligible |
|                  |        | 63 | 25.93 | 25.67 | 0.99 | Negligible |
|                  |        | 64 | 29.88 | 29.56 | 0.99 | Negligible |
|                  |        | 65 | 32.01 | 31.75 | 0.99 | Negligible |
|                  | First  | 66 | 31.57 | 31.44 | 1    | Negligible |
|                  |        | 67 | 29.28 | 29.19 | 1    | Negligible |
|                  |        | 68 | 25.97 | 25.9  | 1    | Negligible |
|                  |        | 69 | 31.82 | 31.2  | 0.98 | Negligible |
|                  |        | 70 | 28.25 | 27.62 | 0.98 | Negligible |
|                  |        | 71 | 22.06 | 21.89 | 0.99 | Negligible |
|                  |        | 72 | 23.95 | 22.84 | 0.95 | Negligible |
|                  |        | 73 | 29.83 | 28.69 | 0.96 | Negligible |
|                  |        | 74 | 32.9  | 31.79 | 0.97 | Negligible |
|                  |        | 75 | 32.92 | 31.9  | 0.97 | Negligible |
|                  |        | 76 | 29.64 | 28.77 | 0.97 | Negligible |
|                  |        | 77 | 23.11 | 22.4  | 0.97 | Negligible |
|                  |        | 78 | 26.11 | 25.77 | 0.99 | Negligible |

|  |        |     |       |       |      |            |
|--|--------|-----|-------|-------|------|------------|
|  |        | 79  | 31.43 | 31.06 | 0.99 | Negligible |
|  |        | 80  | 33.97 | 33.67 | 0.99 | Negligible |
|  |        | 81  | 33.97 | 33.77 | 0.99 | Negligible |
|  |        | 82  | 30.65 | 30.5  | 1    | Negligible |
|  |        | 83  | 23.26 | 23.1  | 0.99 | Negligible |
|  |        | 84  | 27.57 | 27.42 | 0.99 | Negligible |
|  |        | 85  | 32.27 | 32.15 | 1    | Negligible |
|  |        | 86  | 34.5  | 34.43 | 1    | Negligible |
|  |        | 87  | 34.45 | 34.44 | 1    | Negligible |
|  |        | 88  | 32.48 | 32.48 | 1    | Negligible |
|  |        | 89  | 28.68 | 28.68 | 1    | Negligible |
|  | Second | 90  | 35.05 | 34.98 | 1    | Negligible |
|  |        | 91  | 33.73 | 33.71 | 1    | Negligible |
|  |        | 92  | 26.06 | 26.06 | 1    | Negligible |
|  |        | 93  | 27.14 | 27.07 | 1    | Negligible |
|  |        | 94  | 34.75 | 34.69 | 1    | Negligible |
|  |        | 95  | 35.95 | 35.9  | 1    | Negligible |
|  |        | 96  | 35.92 | 35.89 | 1    | Negligible |
|  |        | 97  | 34.51 | 34.48 | 1    | Negligible |
|  |        | 98  | 26.56 | 26.53 | 1    | Negligible |
|  |        | 99  | 31.59 | 31.58 | 1    | Negligible |
|  |        | 100 | 35.35 | 35.33 | 1    | Negligible |
|  |        | 101 | 36.26 | 36.23 | 1    | Negligible |
|  |        | 102 | 36.24 | 36.23 | 1    | Negligible |
|  |        | 103 | 34.81 | 34.8  | 1    | Negligible |
|  |        | 104 | 26.54 | 26.52 | 1    | Negligible |
|  |        | 105 | 31.77 | 31.73 | 1    | Negligible |
|  |        | 106 | 35.34 | 35.31 | 1    | Negligible |
|  |        | 107 | 36.07 | 36.05 | 1    | Negligible |
|  |        | 108 | 36.02 | 36.02 | 1    | Negligible |
|  |        | 109 | 35.52 | 35.52 | 1    | Negligible |
|  |        | 110 | 33.41 | 33.41 | 1    | Negligible |

Table 3 Daylight results (VSC)

The previous table shows that only one neighbouring window will see a minor loss in terms of daylight access. However, this is a small ground floor window that is serving a building which contains a commercial unit at ground floor. Therefore, it can be determined that the impact to the neighbouring daylight is deemed to be negligible.

## 6.5 Sunlight (APSH/WPSH)

Where necessary (as defined in the Assessment Methodology section of this report) the Annual Probable Sunlight Hours (APSH) tests have been undertaken.

The table below indicates the likely levels of sunlight on the surfaces at **Manor Court, 31-37 Aylmer Parade, and Links View** with the existing and the proposed development.

A summary of results is displayed in the table below. Location of the assessed windows can be found in section 8.4 of this report.

| Sunlight assessment (Surrounding buildings) |                 |                 |    |                 |    |              |            |
|---------------------------------------------|-----------------|-----------------|----|-----------------|----|--------------|------------|
| Address                                     | Assessed Window | Total APSH >25% |    | Winter WPSH >5% |    | Ratio Annual | Result     |
|                                             |                 | Ex              | Pr | Ex              | Pr |              |            |
| Manor Court                                 | 1               | 17              | 17 | 6               | 6  | 1            | Negligible |
|                                             | 2               | 23              | 23 | 5               | 5  | 1            | Negligible |
|                                             | 3               | 34              | 32 | 4               | 4  | 0.94         | Negligible |
|                                             | 4               | 3               | 1  | 0               | 0  | N/A          | N/A        |
|                                             | 5               | 5               | 1  | 0               | 0  | N/A          | N/A        |
|                                             | 6               | 30              | 30 | 7               | 7  | 1            | Negligible |
|                                             | 7               | 35              | 35 | 6               | 6  | 1            | Negligible |
|                                             | 8               | 41              | 41 | 8               | 8  | 1            | Negligible |
|                                             | 9               | 3               | 3  | 0               | 0  | N/A          | N/A        |
|                                             | 10              | 5               | 4  | 0               | 0  | N/A          | N/A        |
|                                             | 11              | 41              | 41 | 9               | 9  | 1            | Negligible |
|                                             | 12              | 43              | 43 | 10              | 10 | 1            | Negligible |
|                                             | 13              | 44              | 44 | 11              | 11 | 1            | Negligible |
|                                             | 14              | 3               | 3  | 0               | 0  | N/A          | N/A        |
|                                             | 15              | 5               | 5  | 0               | 0  | N/A          | N/A        |
| 31 Aylmer Parade                            | 16              | 6               | 6  | 0               | 0  | N/A          | N/A        |
|                                             | 17              | 6               | 6  | 0               | 0  | N/A          | N/A        |
|                                             | 18              | 7               | 7  | 0               | 0  | N/A          | N/A        |
|                                             | 19              | 7               | 7  | 0               | 0  | N/A          | N/A        |
| 32 Aylmer Parade                            | 20              | 5               | 4  | 0               | 0  | N/A          | N/A        |
|                                             | 21              | 6               | 6  | 0               | 0  | N/A          | N/A        |
|                                             | 22              | 6               | 6  | 0               | 0  | N/A          | N/A        |
|                                             | 23              | 7               | 7  | 0               | 0  | N/A          | N/A        |
|                                             | 24              | 7               | 7  | 0               | 0  | N/A          | N/A        |
| 33 Aylmer Parade                            | 25              | 6               | 6  | 0               | 0  | N/A          | N/A        |
|                                             | 26              | 6               | 6  | 0               | 0  | N/A          | N/A        |
|                                             | 27              | 7               | 7  | 0               | 0  | N/A          | N/A        |
|                                             | 28              | 7               | 7  | 0               | 0  | N/A          | N/A        |
|                                             | 29              | 0               | 0  | 0               | 0  | N/A          | N/A        |
| 34 Aylmer Parade                            | 30              | 6               | 6  | 0               | 0  | N/A          | N/A        |
|                                             | 31              | 7               | 7  | 0               | 0  | N/A          | N/A        |
|                                             | 32              | 7               | 7  | 0               | 0  | N/A          | N/A        |
|                                             | 33              | 8               | 8  | 0               | 0  | N/A          | N/A        |
| 35 Aylmer Parade                            | 34              | 4               | 4  | 0               | 0  | N/A          | N/A        |

|                  |    |    |    |    |    |      |            |
|------------------|----|----|----|----|----|------|------------|
|                  | 35 | 4  | 4  | 0  | 0  | N/A  | N/A        |
|                  | 36 | 7  | 7  | 0  | 0  | N/A  | N/A        |
|                  | 37 | 6  | 6  | 0  | 0  | N/A  | N/A        |
| 36 Aylmer Parade | 38 | 0  | 0  | 0  | 0  | N/A  | N/A        |
|                  | 39 | 4  | 4  | 0  | 0  | N/A  | N/A        |
|                  | 40 | 4  | 4  | 0  | 0  | N/A  | N/A        |
|                  | 41 | 6  | 6  | 0  | 0  | N/A  | N/A        |
|                  | 42 | 5  | 5  | 0  | 0  | N/A  | N/A        |
| 37 Aylmer Parade | 43 | 3  | 3  | 0  | 0  | N/A  | N/A        |
|                  | 44 | 4  | 4  | 0  | 0  | N/A  | N/A        |
|                  | 45 | 4  | 4  | 0  | 0  | N/A  | N/A        |
|                  | 46 | 4  | 4  | 0  | 0  | N/A  | N/A        |
|                  | 47 | 4  | 4  | 0  | 0  | N/A  | N/A        |
| Links View       | 48 | 56 | 55 | 15 | 14 | 0.98 | Negligible |
|                  | 49 | 52 | 50 | 16 | 15 | 0.96 | Negligible |
|                  | 50 | 46 | 46 | 16 | 16 | 1    | Negligible |
|                  | 51 | 34 | 30 | 7  | 3  | 0.88 | Negligible |
|                  | 52 | 45 | 41 | 10 | 6  | 0.91 | Negligible |
|                  | 53 | 55 | 52 | 15 | 12 | 0.95 | Negligible |
|                  | 54 | 60 | 57 | 19 | 16 | 0.95 | Negligible |
|                  | 55 | 57 | 54 | 21 | 18 | 0.95 | Negligible |
|                  | 56 | 49 | 45 | 20 | 16 | 0.92 | Negligible |
|                  | 57 | 37 | 36 | 8  | 7  | 0.97 | Negligible |
|                  | 58 | 50 | 46 | 15 | 11 | 0.92 | Negligible |
|                  | 59 | 59 | 54 | 19 | 14 | 0.92 | Negligible |
|                  | 60 | 63 | 60 | 22 | 19 | 0.95 | Negligible |
|                  | 61 | 58 | 57 | 22 | 21 | 0.98 | Negligible |
|                  | 62 | 49 | 49 | 20 | 20 | 1    | Negligible |
|                  | 63 | 37 | 37 | 10 | 10 | 1    | Negligible |
|                  | 64 | 47 | 47 | 14 | 14 | 1    | Negligible |
|                  | 65 | 55 | 55 | 19 | 19 | 1    | Negligible |
|                  | 66 | 62 | 62 | 24 | 24 | 1    | Negligible |
|                  | 67 | 57 | 57 | 22 | 22 | 1    | Negligible |
|                  | 68 | 55 | 55 | 22 | 22 | 1    | Negligible |
|                  | 69 | 62 | 62 | 21 | 21 | 1    | Negligible |
|                  | 70 | 57 | 56 | 21 | 20 | 0.98 | Negligible |
|                  | 71 | 49 | 49 | 20 | 20 | 1    | Negligible |
|                  | 72 | 37 | 37 | 7  | 7  | 1    | Negligible |
|                  | 73 | 50 | 50 | 12 | 12 | 1    | Negligible |
|                  | 74 | 62 | 61 | 19 | 18 | 0.98 | Negligible |
|                  | 75 | 64 | 62 | 23 | 21 | 0.97 | Negligible |
|                  | 76 | 59 | 58 | 23 | 22 | 0.98 | Negligible |
|                  | 77 | 50 | 49 | 21 | 20 | 0.98 | Negligible |
|                  | 78 | 39 | 39 | 9  | 9  | 1    | Negligible |
|                  | 79 | 54 | 54 | 15 | 15 | 1    | Negligible |

|     |    |    |    |    |   |            |
|-----|----|----|----|----|---|------------|
| 80  | 63 | 63 | 20 | 20 | 1 | Negligible |
| 81  | 65 | 65 | 24 | 24 | 1 | Negligible |
| 82  | 60 | 60 | 24 | 24 | 1 | Negligible |
| 83  | 50 | 50 | 22 | 22 | 1 | Negligible |
| 84  | 44 | 44 | 12 | 12 | 1 | Negligible |
| 85  | 56 | 56 | 16 | 16 | 1 | Negligible |
| 86  | 63 | 63 | 22 | 22 | 1 | Negligible |
| 87  | 63 | 63 | 24 | 24 | 1 | Negligible |
| 88  | 59 | 59 | 23 | 23 | 1 | Negligible |
| 89  | 56 | 56 | 22 | 22 | 1 | Negligible |
| 90  | 68 | 68 | 24 | 24 | 1 | Negligible |
| 91  | 63 | 63 | 23 | 23 | 1 | Negligible |
| 92  | 51 | 51 | 21 | 21 | 1 | Negligible |
| 93  | 44 | 44 | 10 | 10 | 1 | Negligible |
| 94  | 66 | 66 | 22 | 22 | 1 | Negligible |
| 95  | 69 | 69 | 25 | 25 | 1 | Negligible |
| 96  | 68 | 68 | 25 | 25 | 1 | Negligible |
| 97  | 64 | 64 | 24 | 24 | 1 | Negligible |
| 98  | 52 | 52 | 22 | 22 | 1 | Negligible |
| 99  | 56 | 56 | 13 | 13 | 1 | Negligible |
| 100 | 67 | 67 | 23 | 23 | 1 | Negligible |
| 101 | 69 | 69 | 25 | 25 | 1 | Negligible |
| 102 | 68 | 68 | 25 | 25 | 1 | Negligible |
| 103 | 62 | 62 | 24 | 24 | 1 | Negligible |
| 104 | 49 | 49 | 22 | 22 | 1 | Negligible |
| 105 | 57 | 57 | 15 | 15 | 1 | Negligible |
| 106 | 66 | 66 | 23 | 23 | 1 | Negligible |
| 107 | 68 | 68 | 25 | 25 | 1 | Negligible |
| 108 | 67 | 67 | 25 | 25 | 1 | Negligible |
| 109 | 65 | 65 | 24 | 24 | 1 | Negligible |
| 110 | 60 | 60 | 24 | 24 | 1 | Negligible |

Table 4 Sunlight results (APSH/WPSH)

**NOTE:** N/A - Not applicable. This is because the sunlight is directional, and the North-facing windows will only receive sunlight at the height of summer at occasional times. As such, pursuant to the BRE guide, North-facing windows are not considered to have a reasonable expectation of sunlight and do not require assessment.

The previous table shows that none of the neighbouring windows will see any significant loss in terms of sunlight access. Therefore, it can be concluded that the proposed development will not cause any noticeable loss of sunlight access within the neighbouring properties.

It should be noted that the values provided in the BRE 209 are for guidance purposes only.

## 6.6 Overshadowing (SHOG)

The overshadowing results show and compare the external levels of sunlight to external amenity area at the rear of Links View with the existing and proposed scenarios.

| Overshadowing assessment |            |            |       |            |
|--------------------------|------------|------------|-------|------------|
| Amenity Area             | Existing % | Proposed % | Pr/Ex | Result     |
| Links View               | 85%        | 85%        | 1     | Negligible |

Table 5 Overshadowing results (SHOG)

The table above shows that the neighbouring green area will not see any loss in terms of sunlight access on the 21<sup>st</sup> of March. Therefore, it can be determined that the proposed development will not cause any significant loss of sunlight access to the neighbouring green areas.

## 7 Conclusion

This report demonstrates the impact of the proposed development at Aylmer Parade, Aylmer Road, London, N2 0PH **on the neighbouring buildings.**

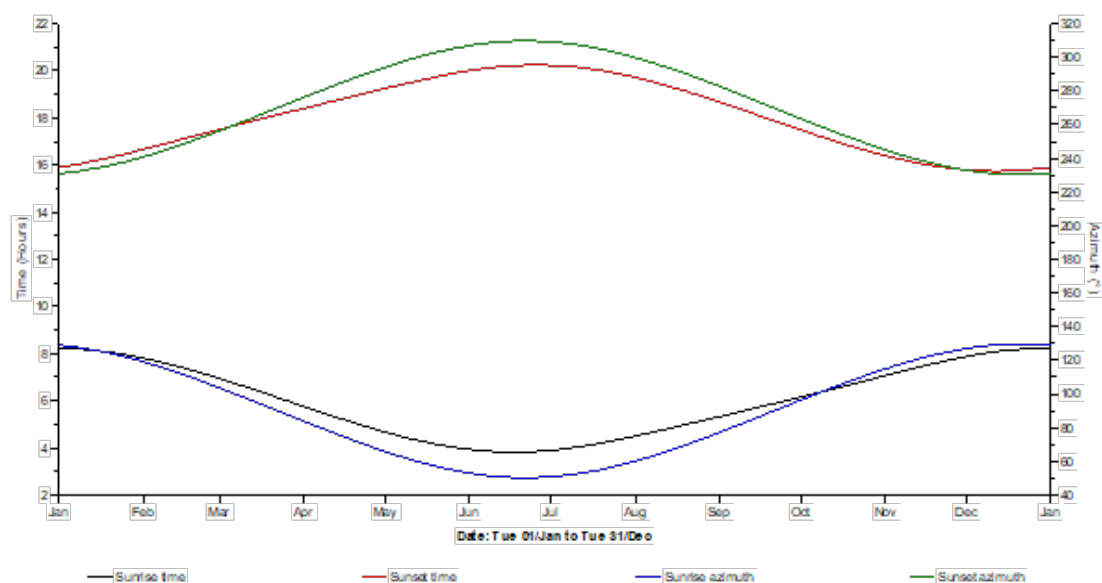
The results of the assessment show that in terms of:

- ✓ Daylight, this report demonstrates that only one small ground floor window will see a minor impact in terms of Vertical Sky Component (VSC). However, as this is such a small window within a building that is commercial at ground, it is likely that this small window serves a storeroom at the rear. Therefore, it can be concluded that the proposed development will not have a detrimental impact on the neighbouring residential buildings.
- ✓ Sunlight, this report demonstrates that none of the neighbouring windows will see any significant loss of sunlight access.
- ✓ Overshadowing, this report demonstrates that the green area to the north of the development will not see any significant loss of sunlight access.

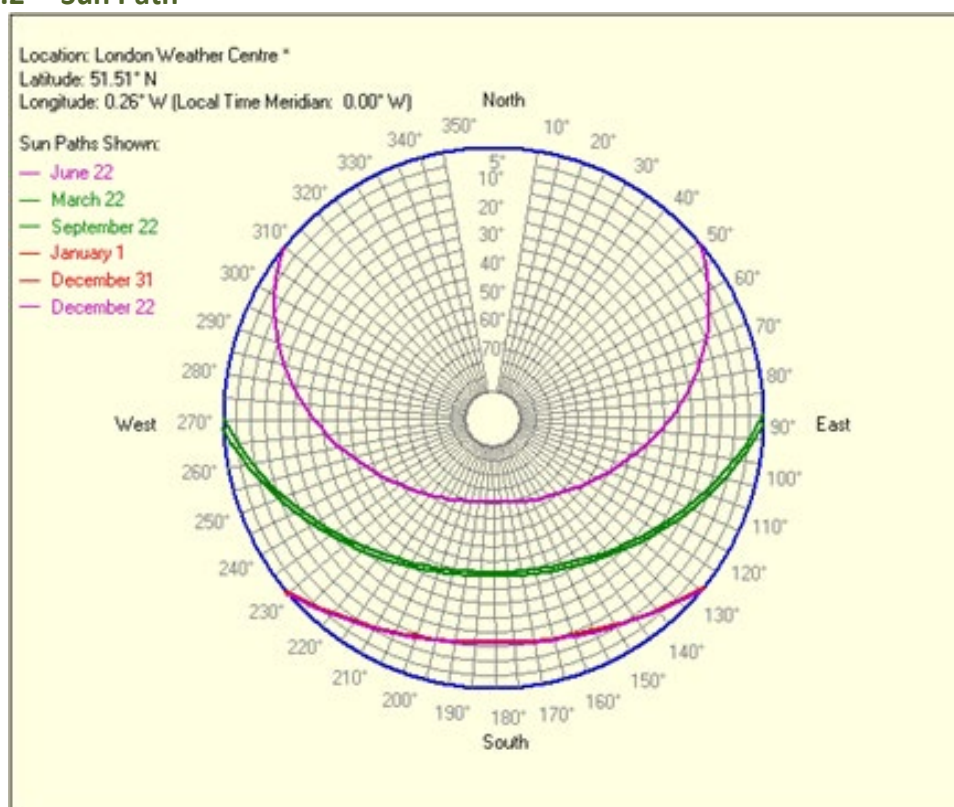
It can, therefore, be concluded that the proposed development is not expected to cause any significant impact to the daylight and sunlight access for neighbouring properties **Manor Court, 31-37 Aylmer Parade, and Links View.**

## 8 Appendix

### 8.1 Sunrise and sunset time



### 8.2 Sun Path



### 8.3 Site plan and location

| Location      |         |
|---------------|---------|
| Latitude (°)  | 51.58 N |
| Longitude (°) | -0.16 W |

#### 8.4 Site Images

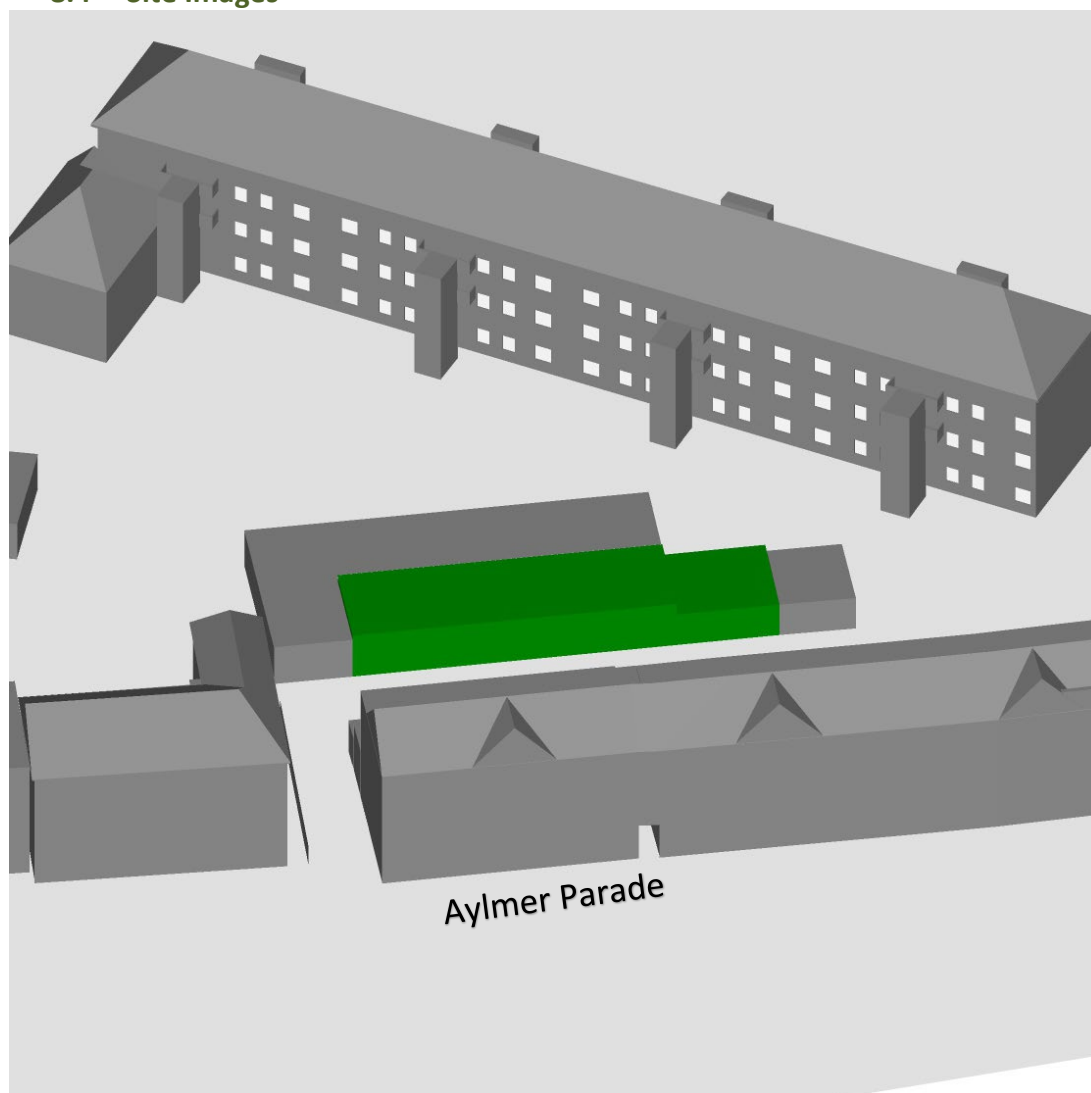


**Image 2: Existing site**

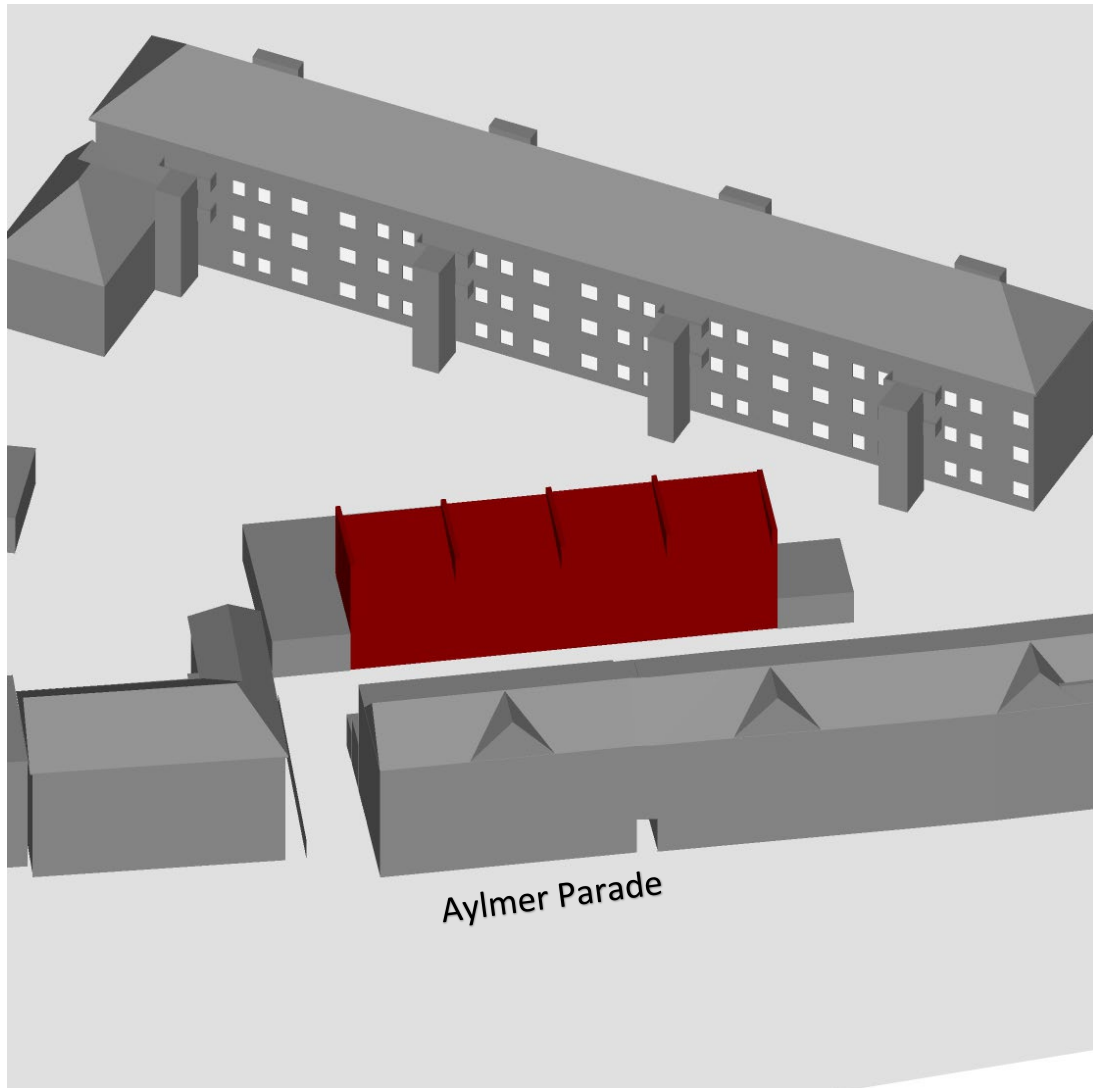


***Image 3: Proposed site***

## 8.5 Location of Assessed Surfaces and Amenities



**Image 4: Window Locations Manor Court**

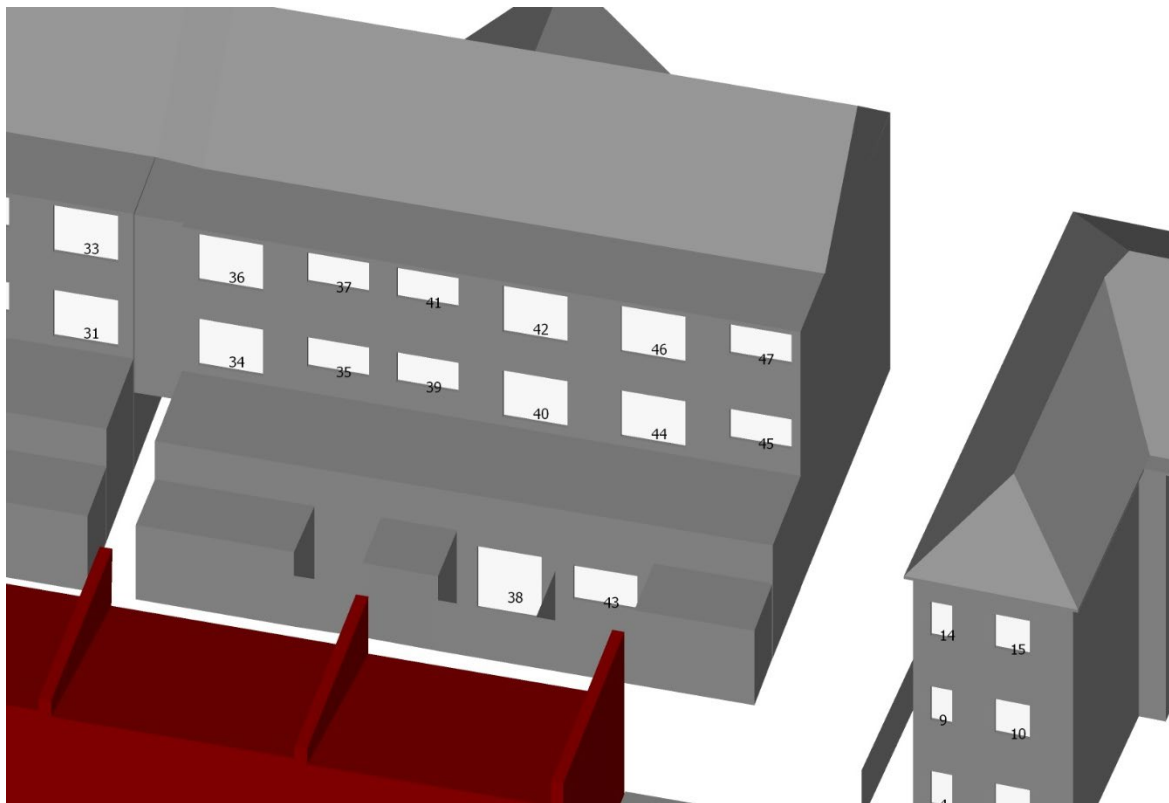


**Image 5: Window Locations 35-37 Aylmer Parade**

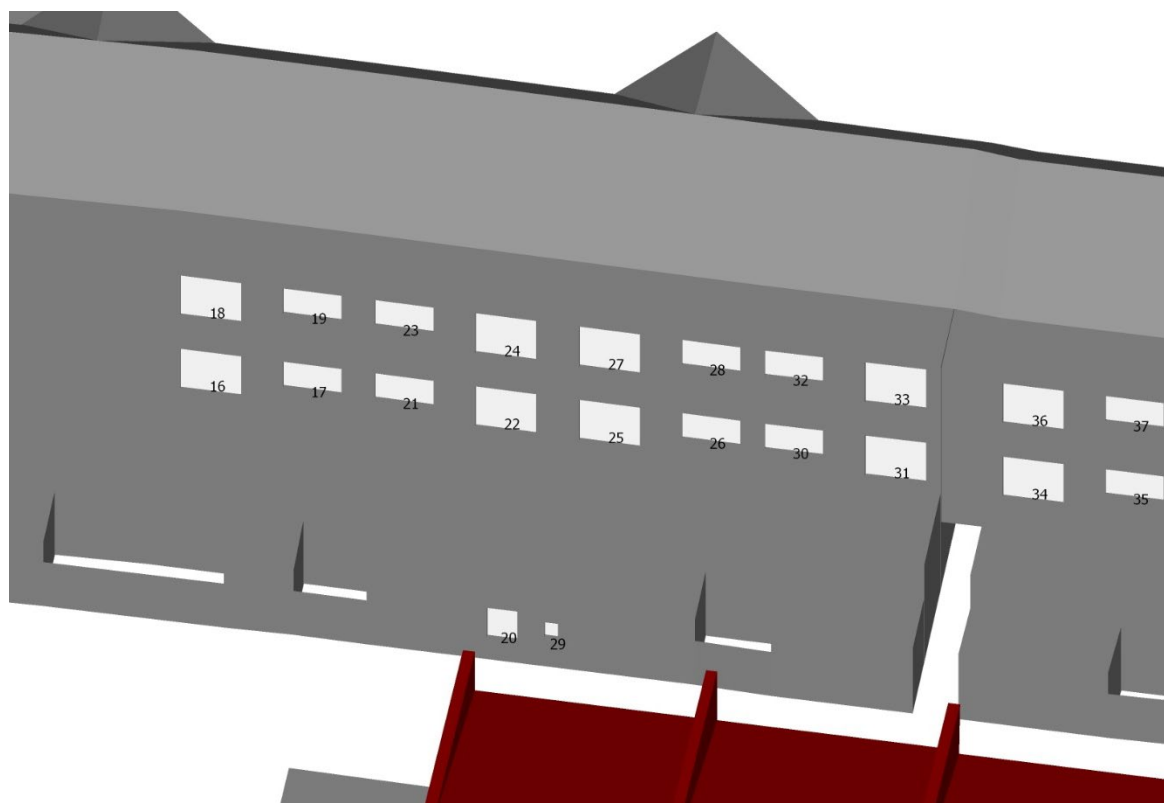


**Image 6: Window Locations 31-35 Aylmer Parade**

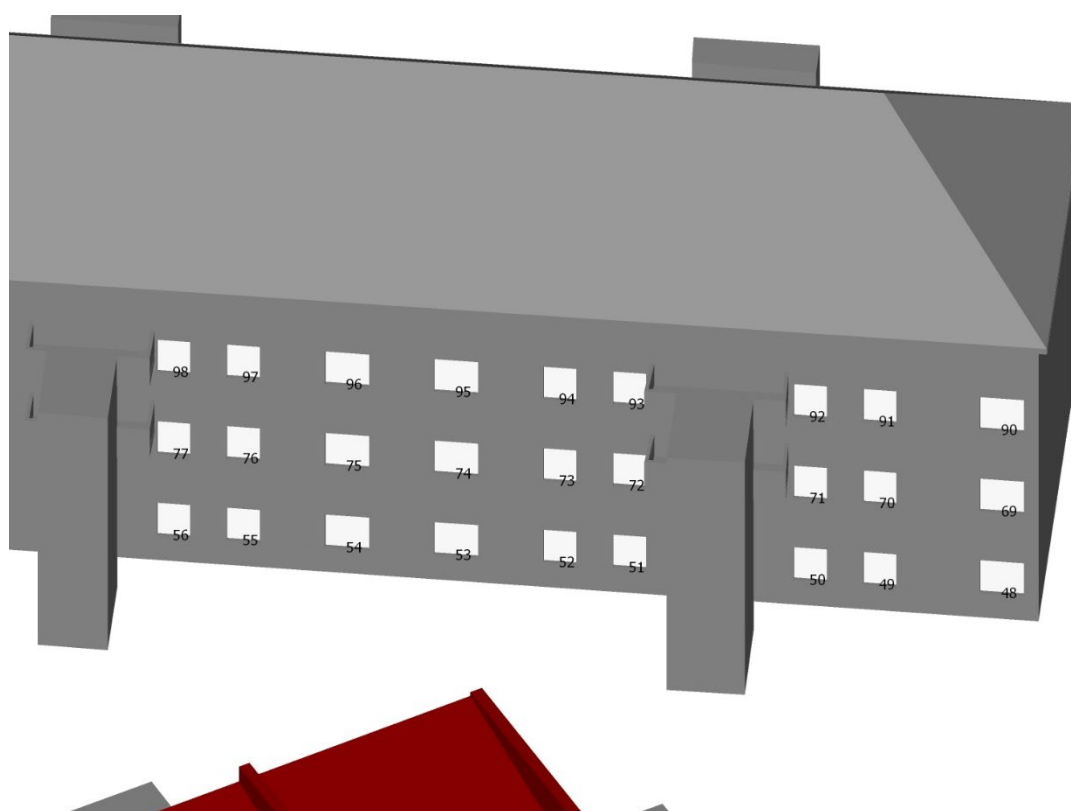


**Image 7: Window Locations Links View**

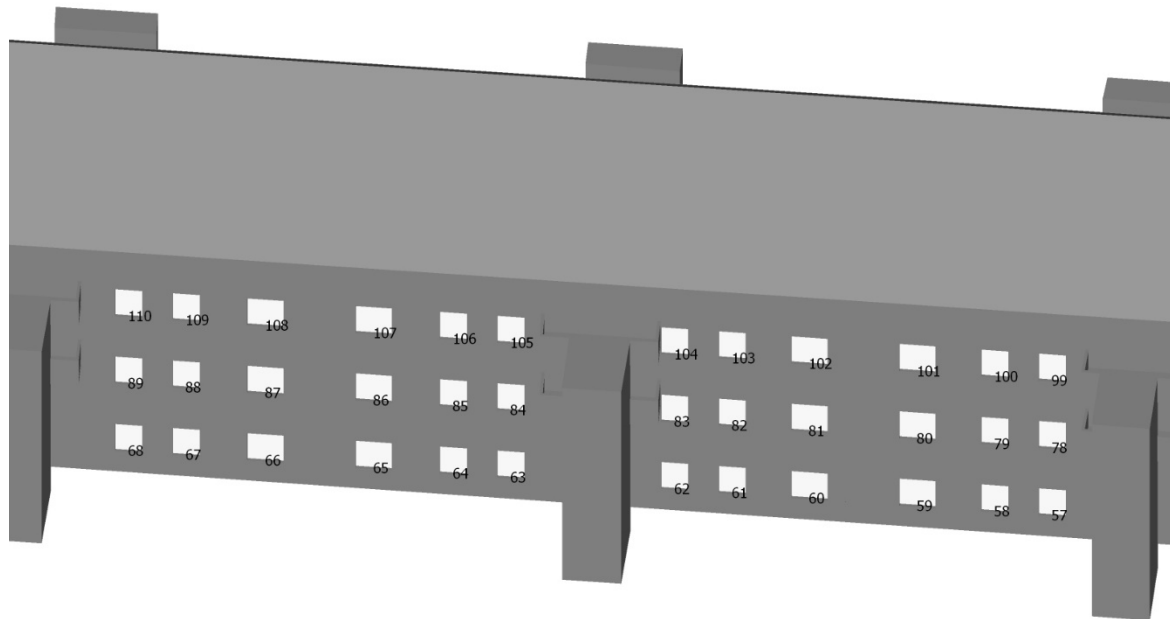


**Image 8: Window Locations Links View**

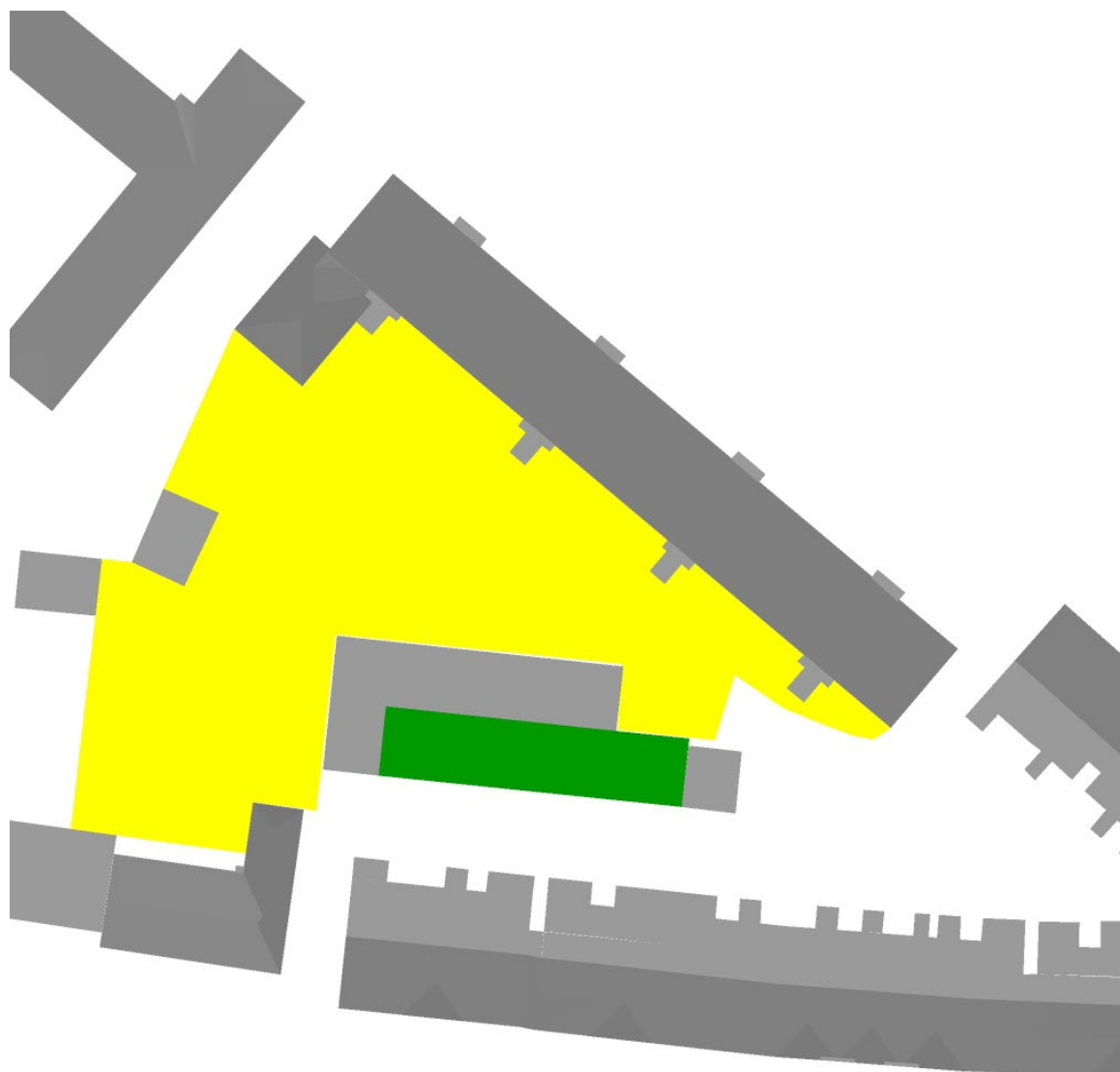


**Image 9: Amenity location**

## 8.6 Results

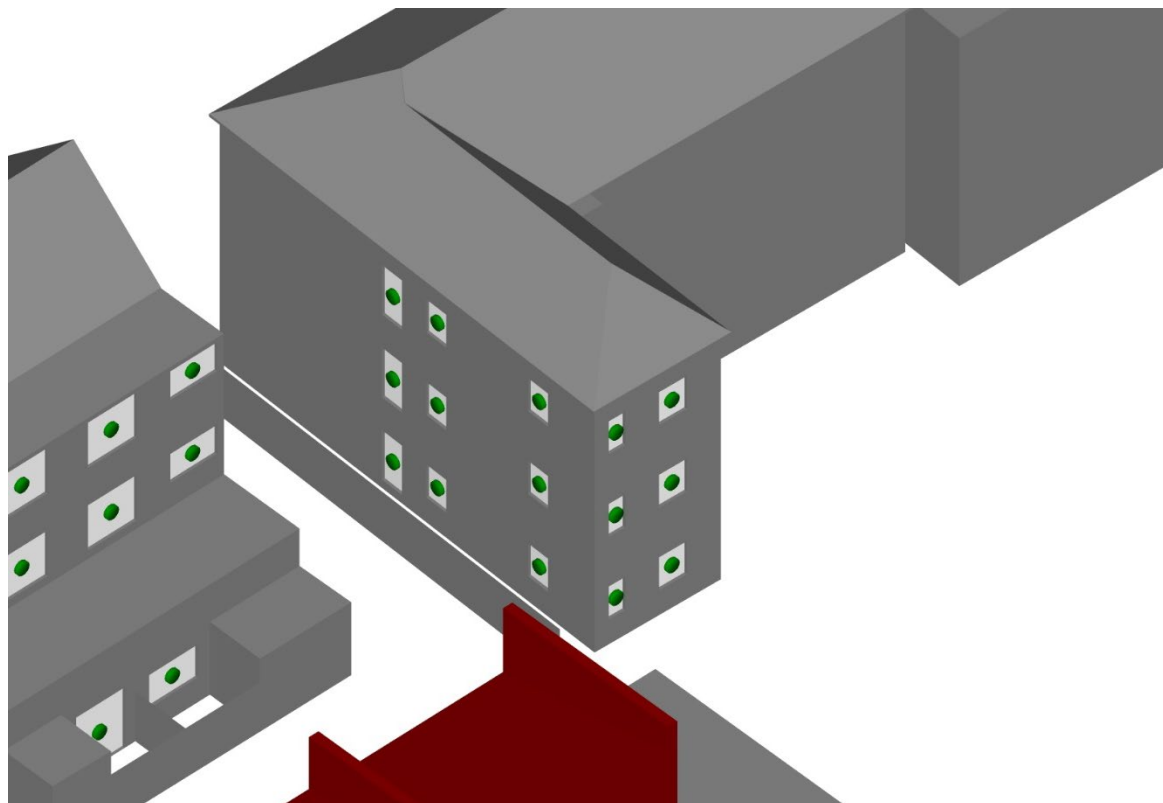


**Image 10: Window Locations Manor Court**

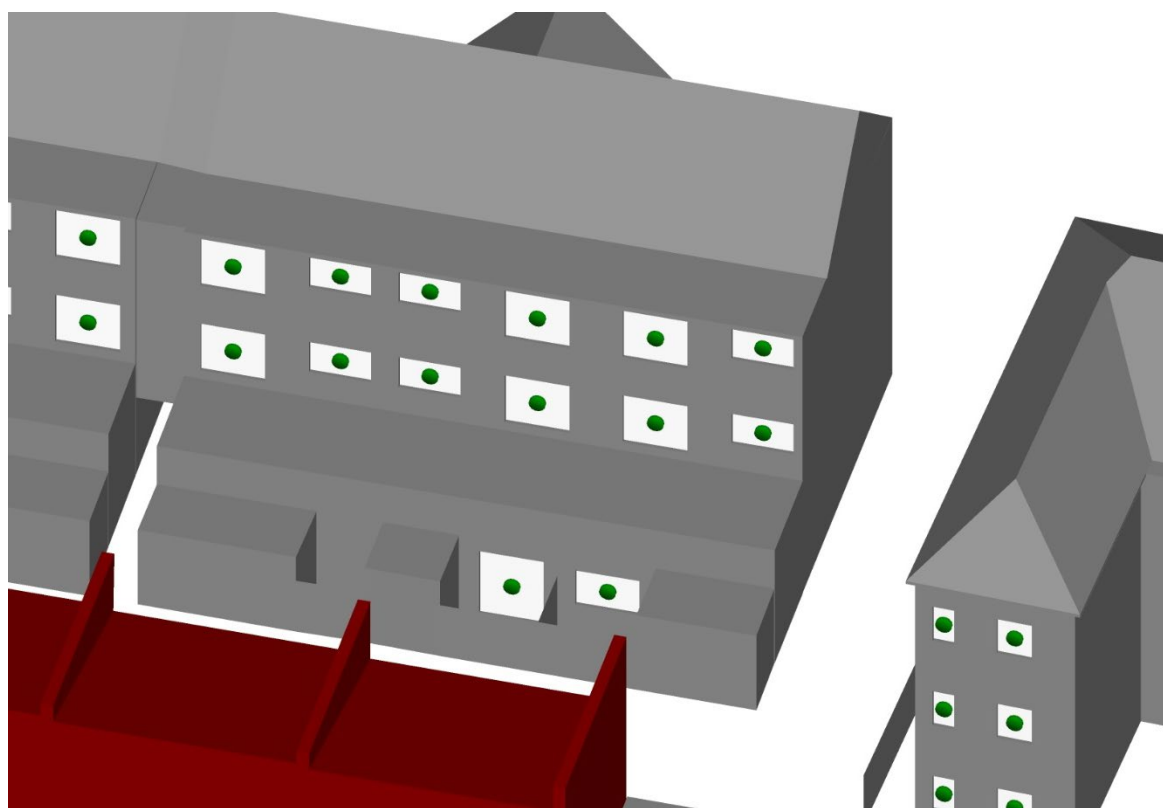


**Image 11: Window Locations 35-37 Aylmer Parade**

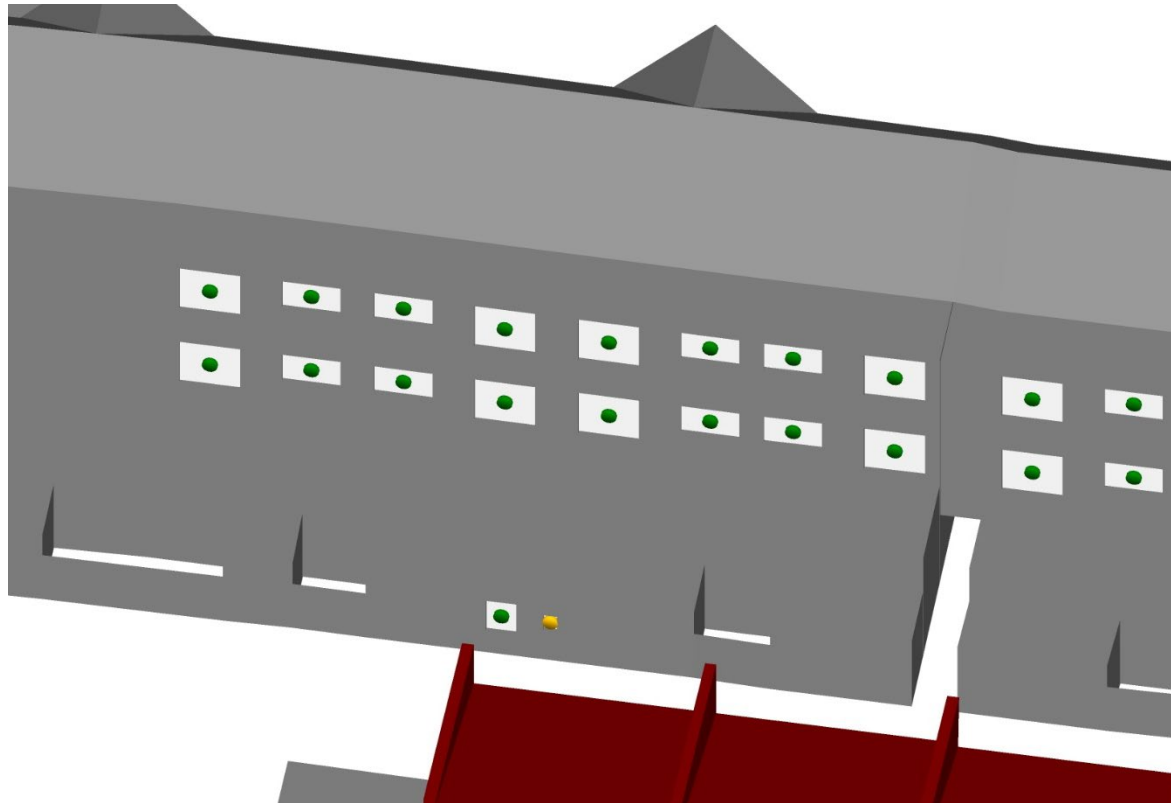


**Image 12: Window Locations 31-35 Aylmer Parade**

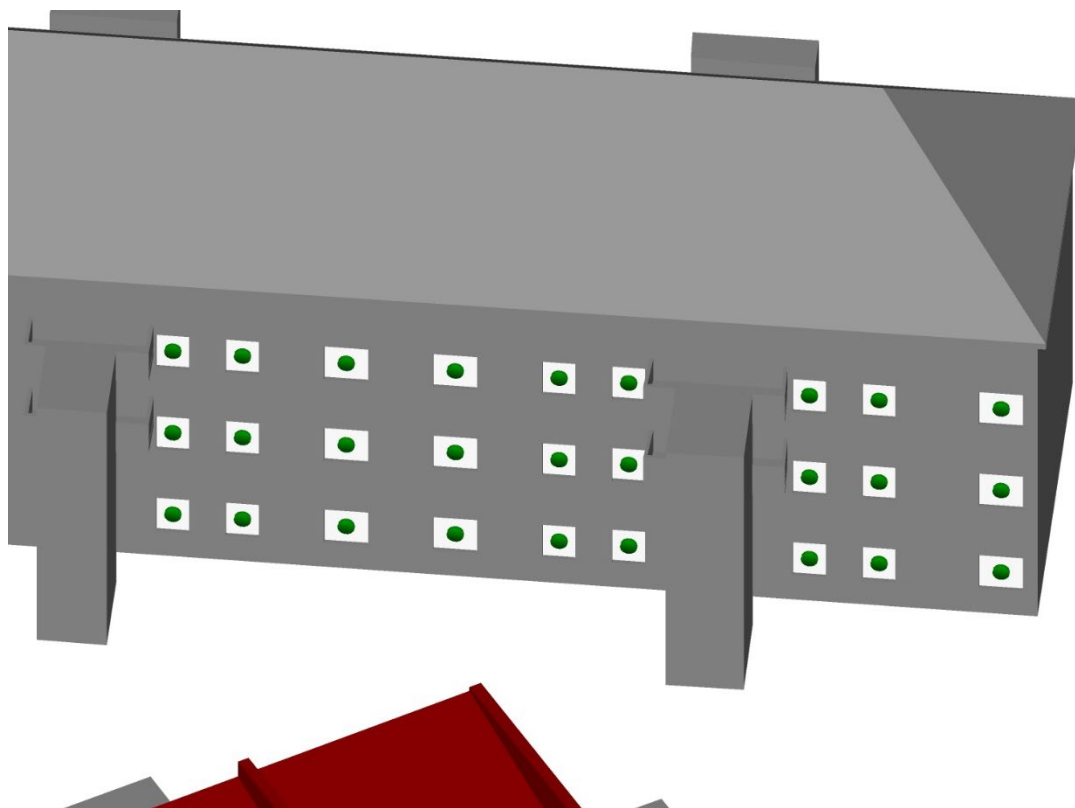


**Image 13: Window Locations Links View**

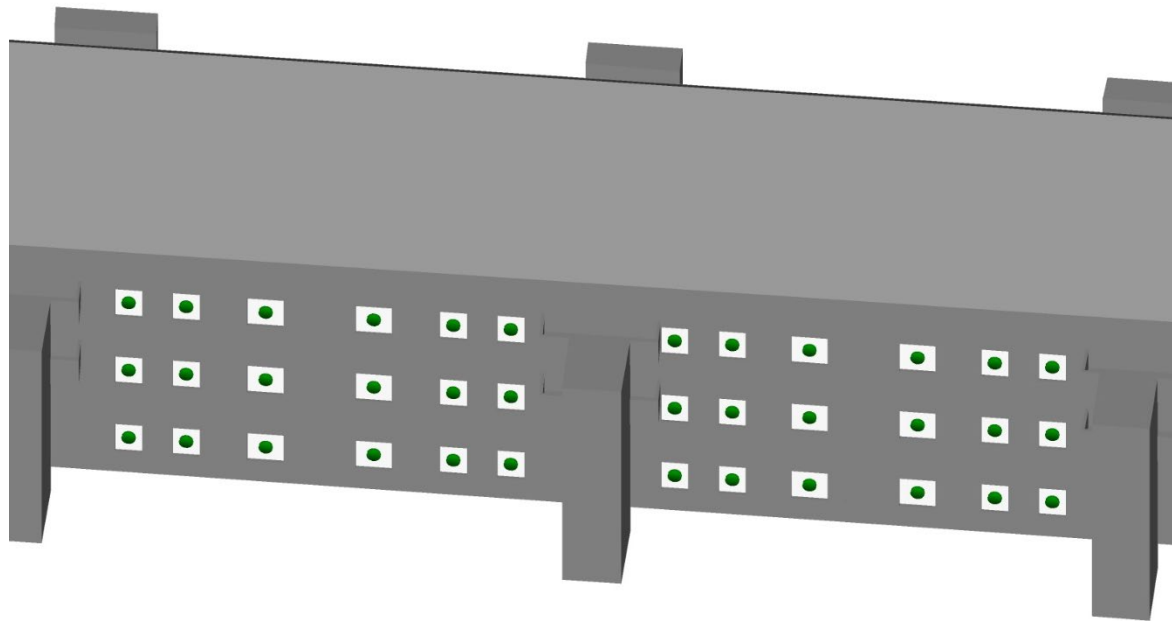


**Image 14: Window Locations Links View**

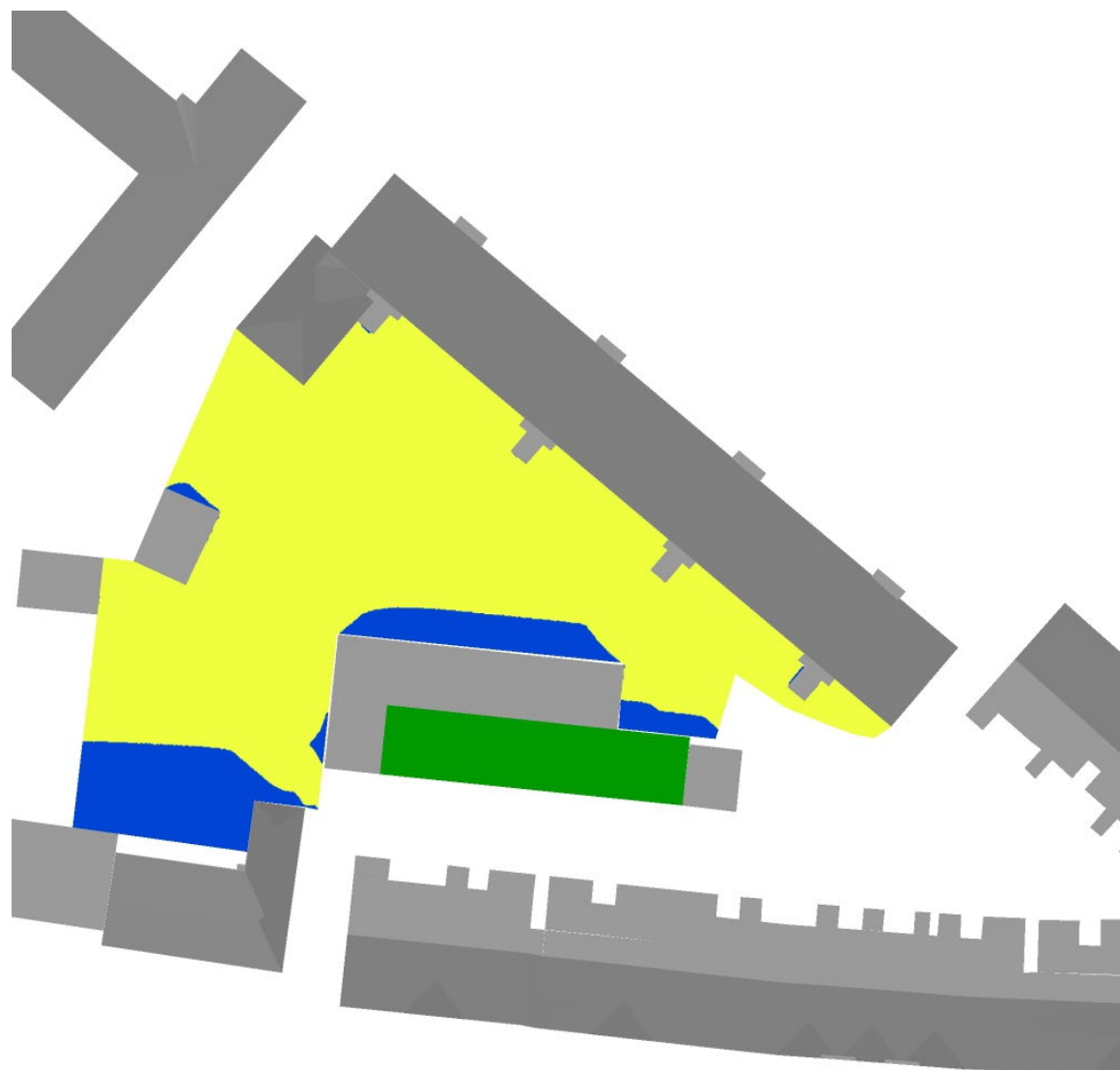


**Image 15: Amenity Results – Existing**

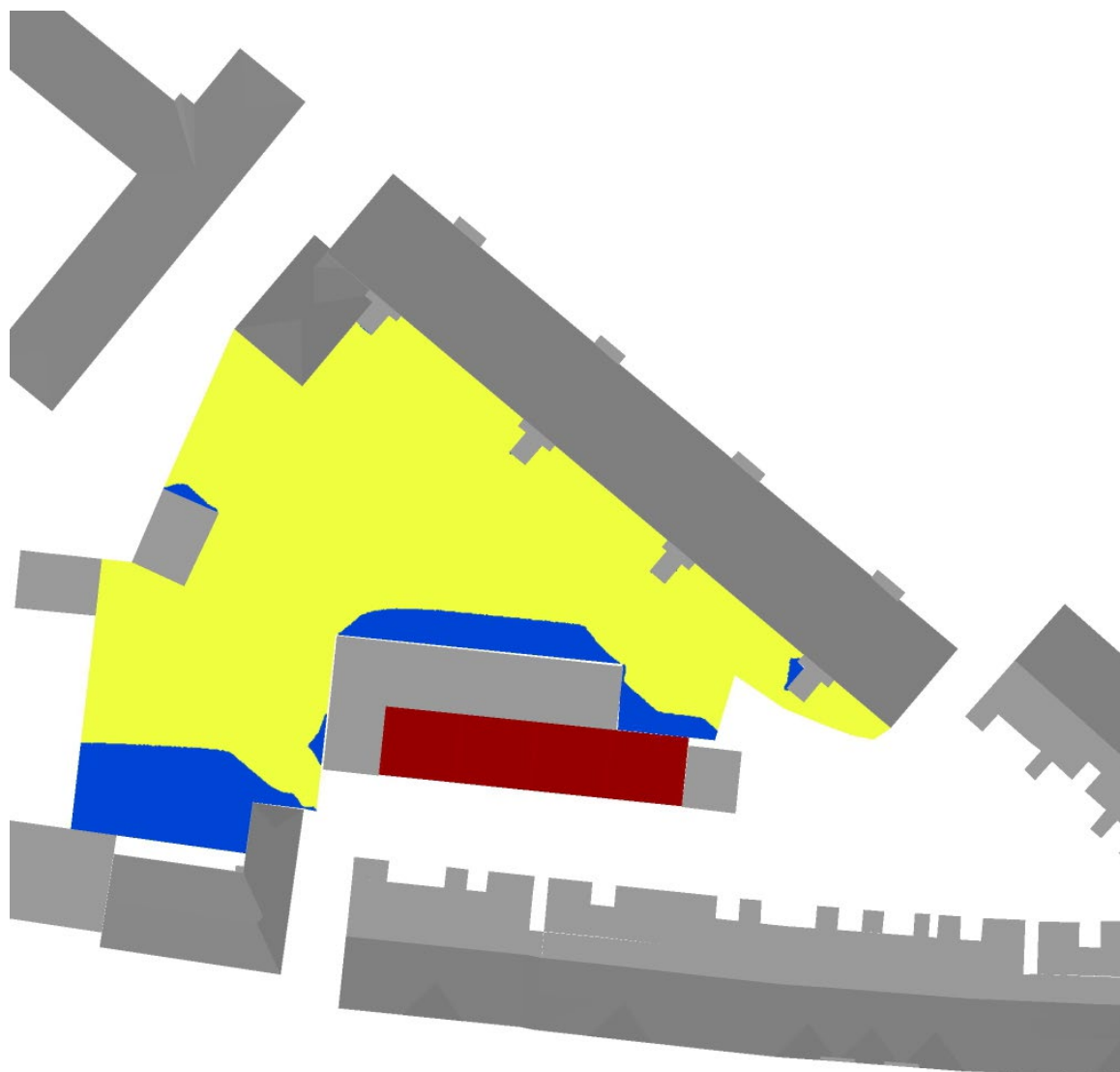


**Image 16: Amenity Results – Proposed**