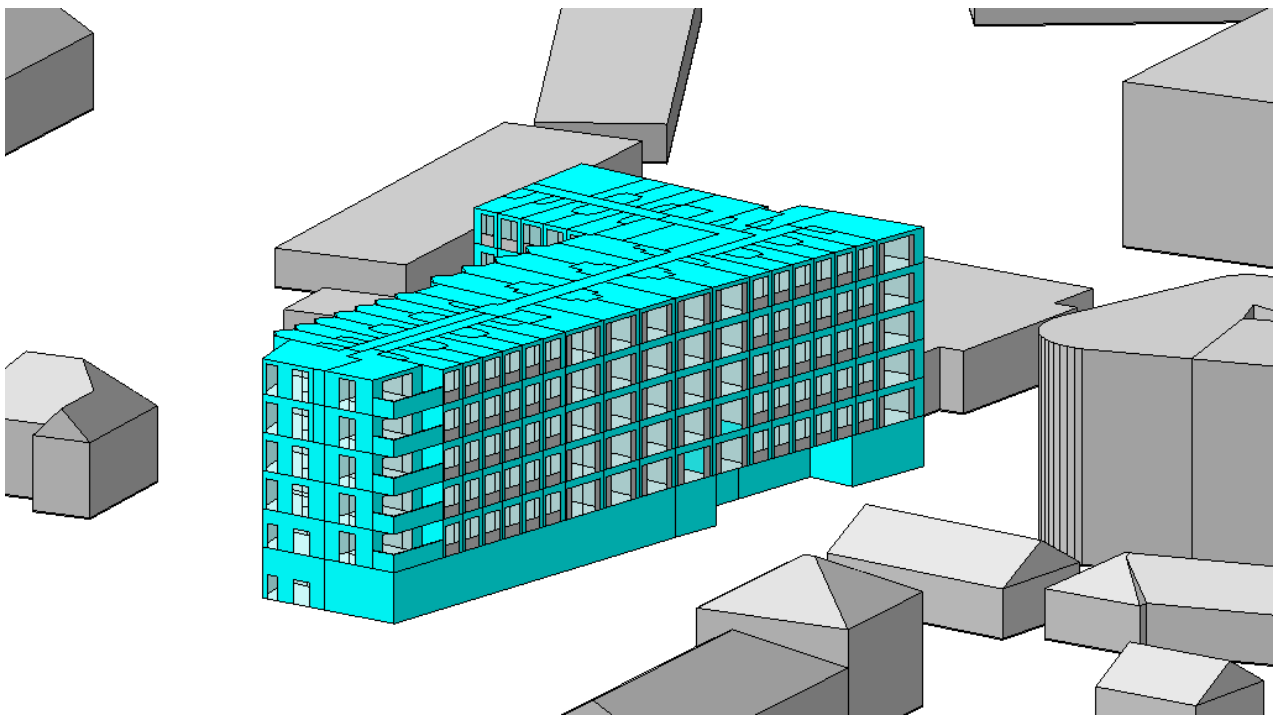


Project: Victoria Cross

Report Title: Daylight, Sunlight and Overshadowing Analysis



Report By: Passive Dynamics Sustainability Consultants

Date of Issue: 18/07/2022

Contact: info@passivedynamics.ie

Client: Bellmount Developments Limited

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EXECUTIVE SUMMARY

Passive Dynamics Sustainability Consultants has prepared this Daylight, Sunlight and Overshadowing report for and on behalf of Bellmount Developments Limited to accompany the planning application for the proposed Victoria Cros residential development. This assessment makes reference to the prescribed methodologies of the BRE guide and applied the specific daylight / sunlight quantitative performance standards contained therein. The BRE guidance refers to the BRE document 'Site Layout Planning for Sunlight and Daylight: A Guide to Good Practice' (2022) (herein referred to as the "BRE Guide") by P J Littlefair, which is based on the British daylighting standard (BS EN 17037). It is recognised that this updated BRE Guidance document was published in June 2022, replacing the previous issue of BR209 (2011), to reflect that BS 8206-2:2008: Lighting for Buildings - Part 2: Code of practice for daylighting was recently replaced with EN 17037:2018 Daylight in Buildings. A daylighting assessment was carried out using both the previously updated BRE guidance document as well as the latest iteration of the document – BR209:2022.

The BRE Guide gives advice on site layout to achieve provision of daylight and sunlight both within buildings, and in the open spaces between them. In general, it aims to aid designers in considering the relationship between new and existing buildings to ensure that each retains the potential to achieve good daylighting and sunlight levels. This authoritative document is widely used to provide guidance during the planning and design stages of building development in the UK and Ireland.

Prior to the new BRE Guides release, the position of BRE could be summarised from a post by Dr. Littlefair on the LinkedIn Planning Daylight & Sunlight Group (BRE BR209):

"BR209 currently refers to the former British Standard BS 8206 Part 2. For the time being, until BR209 is rewritten, we are adopting a flexible approach to applying the two standards, for example in assessing the daylight and sunlight available in new buildings. So for example if we were reviewing a daylight report for a local authority, we would consider it reasonable to accept either average daylight factor tables calculated using BS8206 or median daylight factors/median illuminances calculated using EN17037, provided they were calculated and presented properly.

EN17037 does not deal with loss of daylight or sunlight to existing buildings, so the current BR209 methodology can be used here, until the revised version is published."

The British implementation of this standard (BS EN 17037) includes a “National Annex” with requirements for dwellings that mean it is comparable with the previous standard (BS8206). In Ireland, there is only IS EN 17037:2018. Unlike the British Standard (BS EN 17037), the Irish implementation does not contain a National Annex. Furthermore, the ‘Sustainable Urban Housing: Design Standards for New Apartments’ (last revised 23 December 2020), the ‘Urban Development and Building Heights Guidelines for Planning Authorities’ (published December 2018) do not specifically mention, address or require compliance with the European Standard (published 12 December 2018) or the Irish implementation (published 28 January 2019). In particular, paragraph 6.6 of the Apartment Guidelines 2020 states: ‘Planning authorities should have regard to quantitative performance approaches to daylight provision outlined in guides like the BRE guide ‘Site Layout Planning for Daylight and Sunlight’ (2nd edition) or BS 8206-2: 2008 – ‘Lighting for Buildings – Part 2: Code of Practice for Daylighting’ when undertaken by development proposers which offer the capability to satisfy minimum standards of daylight provision.’

As a consequence, during this transitional period given the new BRE Guidelines have only very recently been published, we have carried out a comprehensive daylighting analysis using both standards, providing daylighting results in terms of Average Daylight Factor (based on previous British Standard – BS 8206-2) and Spatial Daylight Autonomy (based on current European Standard – EN 17037) and the National Annex within the British implementation of the European Standard (BS EN 17037) which has been adopted as the daylighting standard for the updated BRE Guidance document (BR209 - Site Layout Planning for Sunlight and Daylight: A Guide to Good Practice’ (2022)). The sunlight component of this assessment has also been carried out in accordance with both the standards where they differ in methodology.

It is important that the guidelines that exist in relation to daylight and sunlight are read in the correct context and are not viewed as mandatory requirements. Requirements for daylight should be balanced against other elements of the design such as thermal performance (which is directly impacted by the size, shape and location of glazing) and the risk of overheating due to excessive glazing areas. This approach will ensure an optimal overall solution is reached for the development.

A summary of the overall Daylight, Sunlight and Overshadowing Assessment for the proposed Victoria Cross Complex.

Impact of loss of daylight to neighbouring properties

The Vertical Sky Component (VSC) Analysis is covered in detail in *Section 7* of this report. A summary of the results are as follows;

A simulation was run to quantify any reduction in VSC of the surrounding buildings resulting from the proposed development massing. Where the VSC is greater than 27% reasonable daylighting levels are available in accordance with the BRE Industry standard. Where the VSC is found to be less than 27% but the comparison between the “before and after scenarios” is less than a 20% reduction, daylighting is unlikely to be significantly affected / noticed.

Our simulation analysed the impact that the proposed development has on the windows of its surrounding buildings. The existing adjacent buildings are residential properties and so, and in keeping with the guidance protocols, the windows of these buildings were assessed for potential loss of daylight.

Overall, the results of the proposed development on surrounding residential daylight levels is in compliance with the BRE targets. The only exception is located on the West façade of the development under construction at The Old Kin which appear to be secondary windows (bathrooms, toilets, storerooms, and circulation).

The guidance for daylight assessment within BRE 209 is intended for living rooms, kitchens, and bedrooms. It also states that windows to bathrooms, toilets, storerooms, and circulation areas need not be analysed. We feel that daylight in all main living rooms, kitchens, and bedrooms for this development have been assessed and achieve adequate daylight levels with the proposed development in place.

Average Daylight Factor within the proposed apartments

Average Daylight Factor (BRE Guide BR 209:2011 assessment based on BS 8206-2:2008 targets)

A summary of the average daylight factor (ADF) results is shown below;

Minimum recommended Average Daylight Factors (ADF) are:

- Bedrooms – 1.00 %
- Kitchen / Living Rooms – 2.00 %

Calculated ADF results are as follows:

- **96.6%** of Bedrooms achieve an ADF of $\geq 1.00\%$
- **100.0%** of the Kitchen / Living rooms achieve an ADF of $\geq 2.00\%$

ADF results for each space assessed are presented in Section 8 of this report with detailed results tabulated in Appendix C.

Spatial Daylight Autonomy (EN 17037:2018)

In order to comply with the daylighting standard, set out in EN 17037, each space assessed must achieve the following:

- 300 Lux over at least 50% of its floor area for over 50% of annual daylit hours, and
- 100 Lux over at least 95% of its floor area for over 50% of annual daylit hours

The results of this spatial daylight autonomy assessment are summarised below and tabulated in detail in Appendix E of this report in accordance with EN 17037.

- **79.39%** of the total number of spaces assessed achieve the annual required illuminance according to EN 17037 (Bedrooms and Kitchen/Living spaces assessed using the EN17037 metric outlined above)

Spatial Daylight Autonomy using BR209:2022 (British National Annex (BS EN 17037:2018) Illuminance Targets)

The spaces were also assessed for spatial daylight autonomy using the British National Annex illuminance targets shown below. This BS EN standard includes a national annex which provides adjusted illuminance targets for each room type as shown in *Table NA.1 — Values of target illuminance for room types in UK dwellings*, the minimum target daylight provisions for bedrooms and kitchen/living spaces are:

- Kitchen/Living/Dining – 200 Lux achieved over at least 50% of the reference plane (0.85m)
- Living room – 150 Lux achieved over at least 50% of the reference plane (0.85m)
- Bedrooms – 100 Lux achieved over at least 50% of the reference plane (0.85m)

Table NA.1 — Values of target illuminance for room types in UK dwellings

Room type	Target illuminance E_T (lx)
Bedroom	100
Living room	150
Kitchen	200

A summary of the results are as follows;

- **98.1%** of bedrooms achieve the required annual illuminance according to BS EN 17037 (100 Lux test)
- **100%** of kitchens/living/dining rooms achieve the required annual illuminance according to BS EN 17037 (200 Lux test)

The results of this spatial daylight autonomy assessment are summarised below and tabulated in detail in Appendix D of this report in accordance with BS EN 17037.

Sunlight availability – proposed living spaces

Sunlight Availability to the Proposed Development – BR209:2022

The latest BRE guidance document states that rooms will appear reasonably sunlit provided:

- at least one main window wall faces within 90° of due south and
- a habitable room, preferably a main living room, can receive a total of at least 1.5 hours of sunlight on 21 March. This is assessed at the inside centre of the window(s); sunlight received by different windows can be added provided they occur at different times and sunlight hours are not double counted.

Analysis was carried out in line with the current BRE guidance, ensuring that the proposed development receives adequate levels of sunlight and no substantial loss of sunlight is incurred in the surrounding buildings. For this assessment the BRE minimum recommended sunlight availability level of 1.5 hours on the design day (March 21st – as stated in BR209:2022) was targeted. At least one habitable room in each dwelling achieve this target.

The results of this assessment show that at least one Main window wall for either a bedroom or Kitchen living dining space meet the BRE minimum recommended sunlight availability level of 1.5 hours on the design day (March 21st) and face within 90° of due south.

Sunlight Availability to the Proposed Development – BR209:2011

The previous BRE guidance document states that rooms will appear reasonably sunlit provided that:

- at least one main window wall faces within 90° of due south and
- the centre of at least one window to a main living room can receive 25% of annual probable sunlight hours, including at least 5% of annual probable sunlight hours in the winter months between 21st September and 21st March.

1. All kitchen/living room openings within the proposed development that face within 90° of due south were assessed for annual sunlight availability. The vast majority of windows assessed receive the BRE recommended level of sunlight (25%) annually. Localised areas that do not meet this recommendation are limited to a small number of windows located close to the inner corner of the development on lower floors. These openings receive 17-24% of their annual probable sunlight.
2. All kitchen/living room openings within the proposed development that face within 90° of due south were assessed for sunlight availability during the winter months (September to March). All windows assessed receive the recommended amount of sunlight during winter months (>5%).

Sunlight availability within amenity spaces

Sunlight availability results are covered in detail in Section 9 of this report. The proposed and existing neighbouring amenity areas/gardens were assessed for sunlight availability.

BRE Guidelines recommend that for an amenity space to appear adequately sunlit throughout the year, at least half of the amenity space should receive at least two hours of sunlight on the design day, March 21st. If, as a result of a new development, an existing garden or amenity area does not meet the above, and the area which can receive two hours of sun on March 21st is less than 0.8 times its former value, then the loss of sunlight is likely to be noticeable.

The analysis confirms that the amenity areas of the proposed development achieve upward of 2 hours of sunlight on the design day (21st March) across more than 95% of their areas, therefore complying with the BRE Guidelines.

The gardens of the neighbouring properties were also assessed for sunlight availability. These areas largely receive sufficient levels of sunlight in line with the BRE guidance, achieving 2 hours of sunlight over the vast majority of their total areas on the design day. The proposed development will not cause a significant impact to the level of sunlight in the neighbouring gardens. These results are presented in Section 9 of this report.

Sunlight availability – surrounding building living spaces

The BRE guidance document states that rooms will appear reasonably sunlit provided:

- at least one main window wall faces within 90° of due south and
- the centre of at least one window to a main living room can receive 25% of annual probable sunlight hours, including at least 5% of annual probable sunlight hours in the winter months between 21st September and 21st March.

The openings of the surrounding building living spaces that face within 90° of due south receive at least 25% of annual probable sunlight hours after the inclusion of the proposed development, in line with BRE guidance.

The openings of the surrounding building living spaces that face within 90° of due south achieve at least 5% of probable sunlight hours during winter months after the inclusion of the proposed development, in line with BRE guidance.

This information is presented in detail in *Section 9* of this report.

Overshadowing Analysis

The overshadowing assessment images for the proposed development can be seen in Appendix A of this document. Any instances of overshadowing are limited to short time periods at the beginning and the end of the day, mainly during winter months. It should be noted that these images are included for information and BRE 209 make no reference to any quantifiable measure of overshadowing.

March 21st

No significant additional overshadowing of neighbouring properties resulting from the proposed development.

June 21st

No significant additional overshadowing of neighbouring properties resulting from the proposed development.

September 21st

No significant additional overshadowing of neighbouring properties resulting from the proposed development.

December 21st

No significant additional overshadowing of neighbouring properties resulting from the proposed development.

See Appendix A for Overshadowing Images.

1. INTRODUCTION

Passive Dynamics Sustainability Consultants has prepared this Daylight, Sunlight and Overshadowing report for and on behalf of Bellmount Developments Limited to accompany the planning application for the proposed Victoria Cross development. The scope of the assessment was to determine the following:

- Impact of loss of daylight to neighbouring properties
- Average Daylight Factor within the proposed apartments
- Illuminance levels achieved within the proposed apartments
- Sunlight availability within the proposed development and proposed/neighbouring amenity spaces
- Overshadowing analysis and impact to neighbouring properties

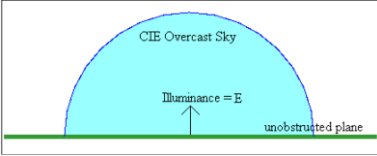
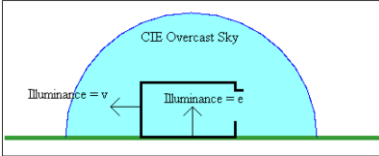
Daylight and Sunlight calculations have been carried out in accordance with BRE's 'Site Layout Planning for Sunlight and Daylight: A Guide to Good Practice' (2022) (herein referred to as the "BRE Guide") by P J Littlefair, and also the withdrawn BRE's 'Site Layout Planning for Sunlight and Daylight: A Guide to Good Practice' (2011), which is accepted as good practice by Planning Authorities, where there are any differences in methodology. The Design Standards for New Apartments - Guidelines for Planning Authorities (December 2020) were also considered as part of this study.

The BRE Guide gives advice on site layout to achieve provision of daylight and sunlight both within buildings, and in the open spaces between them. In general, it aims to assist designers in considering the relationship between new and existing buildings to ensure that each retains the potential to achieve good daylighting and sunlight levels.

The BRE Guide states in the introduction that: "The guide is intended for building designers and their clients, consultants and planning officials. **The advice given here is not mandatory and the guide should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design.** In special circumstances the developer or planning authority may wish to use different target values. For example, in a historic city centre, or in an area with modern high-rise buildings, a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings". **It is therefore important that the guidelines that exist in relation to daylight and sunlight are read in the correct context and are not viewed as mandatory requirements.**

2. DEFINITIONS

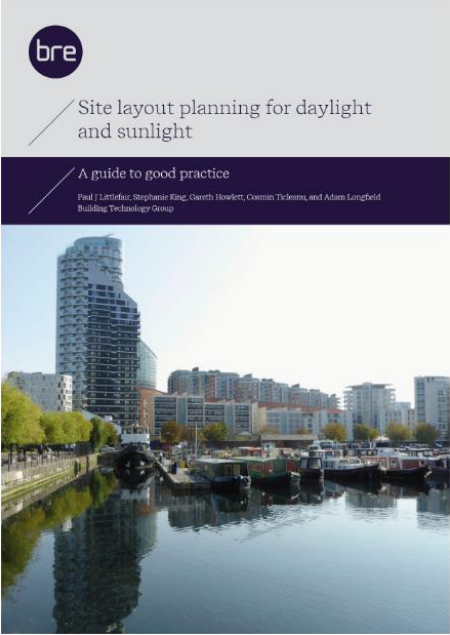
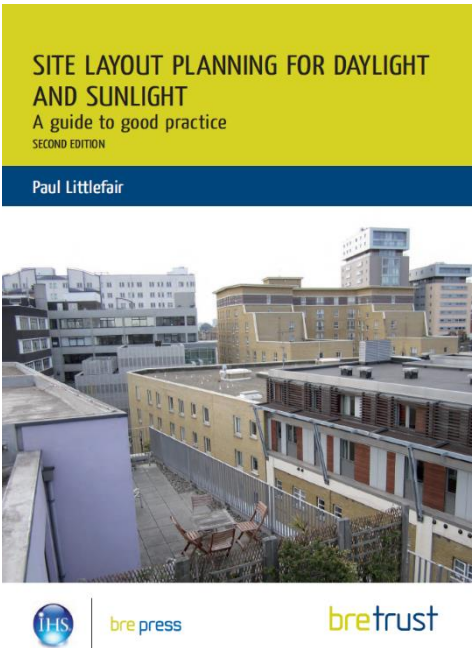
The technical definitions that are referred to in this report are explained below.



BRE	Building Research Establishment.
Vertical Sky Component (VSC)	<p>The Vertical Sky Component (VSC) measures the amount of skylight available to a window. This represents the amount of daylight available to the window. The BRE Guide describes the VSC as the “Ratio of that part of illuminance, at a point on a given vertical plane that is received directly from a CIE standard overcast sky, to illuminance on a horizontal plane due to an unobstructed hemisphere of this sky. Usually the “given vertical plane” is the outside of a window wall. The VSC does not include reflected light, either from the ground or from other buildings.”</p> <div style="display: flex; justify-content: space-around; align-items: center;">   </div> <p>E= illuminance on an unobstructed plane. (the amount of daylight available in an open space with no obstructions) v= illuminance at a point in the centre of a vertical opening (the amount of daylight available at a point in the centre of a vertical opening) Vertical Sky Component = v/E</p>
CIE Standard Overcast Sky	<p>A completely overcast sky for which the ratio of its luminance L_y at an angle of elevation y above the horizontal to the luminance L_z at the zenith is given by:</p> $L_y = L_z \frac{(1 + 2 \sin y)}{3}$ <p>The CIE standard overcast sky is darkest at the horizon and brightest at the zenith (vertically overhead).</p>
Average Daylight Factor (ADF)	<p>This is a measure of the amount of daylight available to a space relative to the level of light outside. The ratio of total daylight flux incident on a reference area to total area of reference area, expressed as a percentage of outdoor illuminance on a horizontal plane due to an unobstructed hemisphere of sky of assumed or known luminance distribution. Thus a 1% ADF would mean that the average indoor illuminance would be one hundredth the outdoor unobstructed illuminance.</p>

Annual Probable Sunlight Hours (APSH)	Annual Probable Sun Hours (APSH) represents the sunlight that a given window may expect over a year period. APSH is expressed as the percentage of direct sunlight hours divided by number of hours when sky was clear with sun. The sunny hours information is provided by the weather data file.
sDA	Spatial Daylight Autonomy (sDA) examines whether a space receives enough daylight during standard operating hours (8 a.m. to 6 p.m.) on an annual basis using hourly illuminance grids on the horizontal work plane. sDA is calculated virtually through computational simulation with precise parameters. It references a local climate file to run hourly illuminance maps in the lighting software package.
EN	European Norm (EN) abbreviation verifies that the technical standard referenced throughout this report (EN 17037) is drafted and maintained by the European Committee for Standardisation (CEN).

3. GUIDANCE DOCUMENTS REFERENCED DURING THIS STUDY

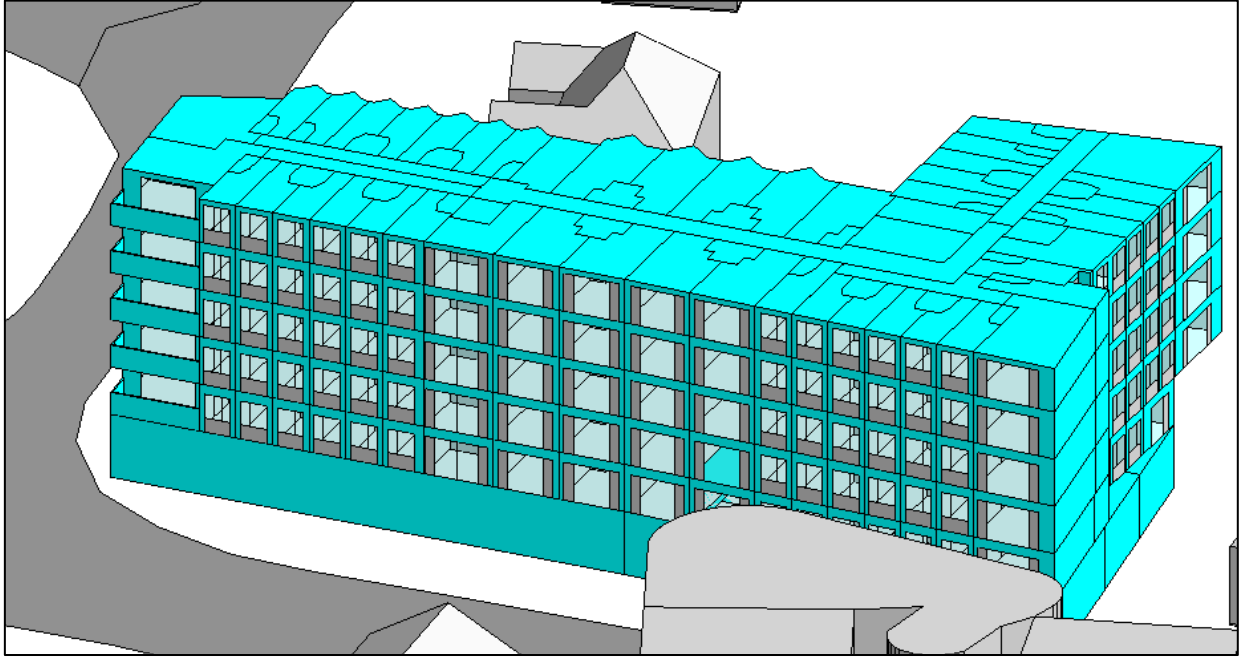
This Daylight, Sunlight and Overshadowing Assessment has been carried out in accordance with the following best practice standard as outlined by the BRE and cross referenced by the Department of Housing, Planning and Local Government.

	<p>This document gives advice on site layout planning to achieve good sun lighting and daylighting, both within buildings and in the open spaces between them in line with BS EN 17037.</p> <p>Guidance is also given on site layout for good sun lighting and daylighting; safeguarding of daylight and sunlight within existing buildings nearby; and the protection of daylighting of adjoining land for future development.</p>
	<p>This document has now been withdrawn with the publication of BR209 2022. This document gives advice on site layout planning to achieve good sun lighting and daylighting, both within buildings and in the open spaces between them. This authoritative document has been widely used to provide advice during the planning and design stages of building development in the UK and Ireland.</p> <p>Guidance is given on site layout for good sun lighting and daylighting; safeguarding of daylight and sunlight within existing buildings nearby; and the protection of daylighting of adjoining land for future development.</p>

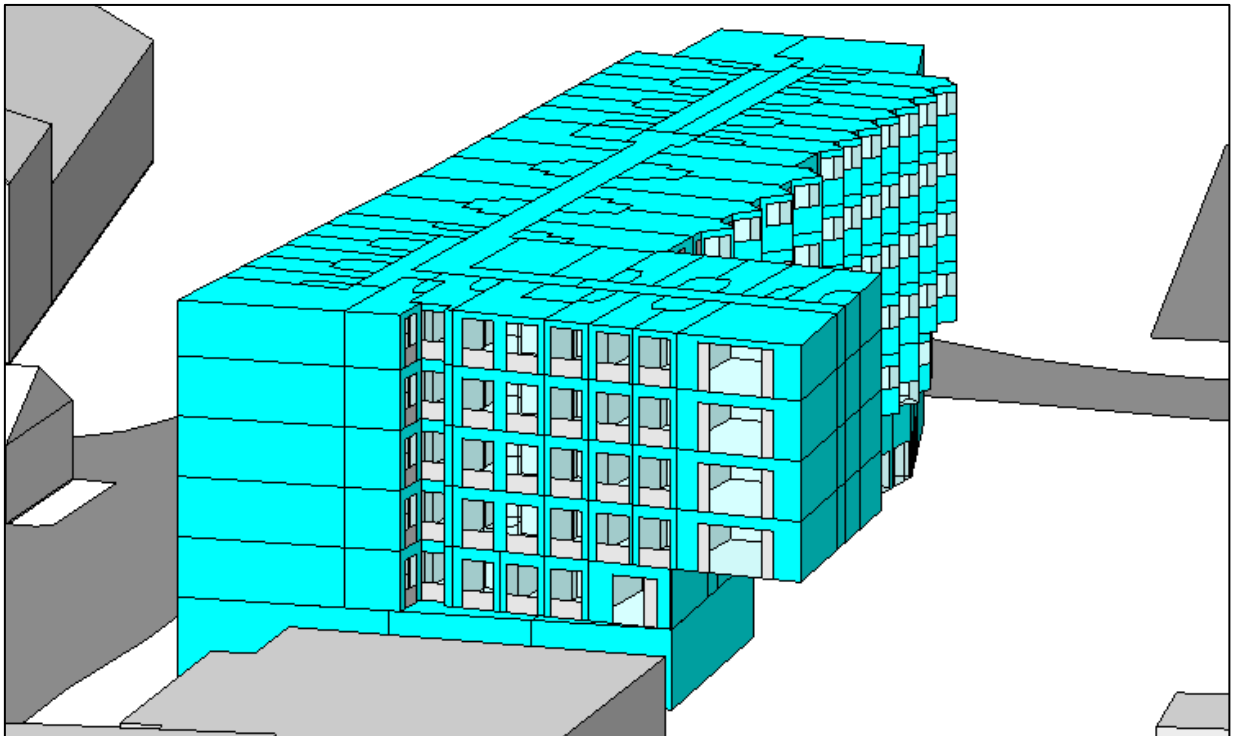
 <p>An Roinn Tithíochta, Rialtais Áitiúil agus Oidhreacht Department of Housing, Local Government and Heritage</p> <p>Sustainable Urban Housing: Design Standards for New Apartments</p> <p>Guidelines for Planning Authorities issued under Section 28 of the Planning and Development Act, 2000 (as amended)</p> <p>December 2020</p>	<p>Design Standards for New Apartments - Guidelines for Planning Authorities (December 2020). This document outlines the design guides that should be used to assess daylight provision for new apartments.</p> <p>6.6 Planning authorities should have regard to quantitative performance approaches to daylight provision outlined in guides like the BRE guide <i>'Site Layout Planning for Daylight and Sunlight'</i> (2nd edition) or BS 8206-2: 2008 – <i>'Lighting for Buildings – Part 2: Code of Practice for Daylighting'</i> when undertaken by development proposers which offer the capability to satisfy minimum standards of daylight provision.</p>
<p>I.S. EN 17037:2018</p> <p>EUROPEAN STANDARD EN 17037</p> <p>NORME EUROPÉENNE</p> <p>EUROPÄISCHE NORM</p> <p>ICS 91.160.01</p> <p>English Version</p> <p>Daylight in buildings</p> <p>L'éclairage naturel des bâtiments</p> <p>Tageslicht in Gebäuden</p> <p>This European Standard was approved by CEN on 29 July 2018.</p> <p>CEN members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration. Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CEN member.</p> <p>This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CEN member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.</p> <p>CEN members are the national standards bodies of Austria, Belgium, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, Former Yugoslav Republic of Macedonia, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and United Kingdom.</p>  <p>EUROPEAN COMMITTEE FOR STANDARDIZATION COMITÉ EUROPÉEN DE NORMALISATION EUROPÄISCHES KOMITEE FÜR NORMUNG</p> <p>CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels</p> <p>© 2018 CEN All rights of exploitation in any form and by any means reserved worldwide for CEN national Members. Ref. No. EN 17037:2018 E</p>	<p>EN 17037:2018</p> <p>This European standard provides target illuminance levels to be achieved within a horizontal plane in a space in order for the space to be considered adequately daylight.</p> <p>The standard “encourages building designers to assess and ensure successfully daylight spaces. It also allows building designers and developers to target ambitions with respect to daylighting, as well as addressing other issues related to daylight design”.</p> <p>The document defines metrics used for the evaluation of daylighting conditions and gives principles of calculation and verification. These principles address the issue of variability of daylight over the days and the year.</p>

4. SIMULATION MODEL IMAGES

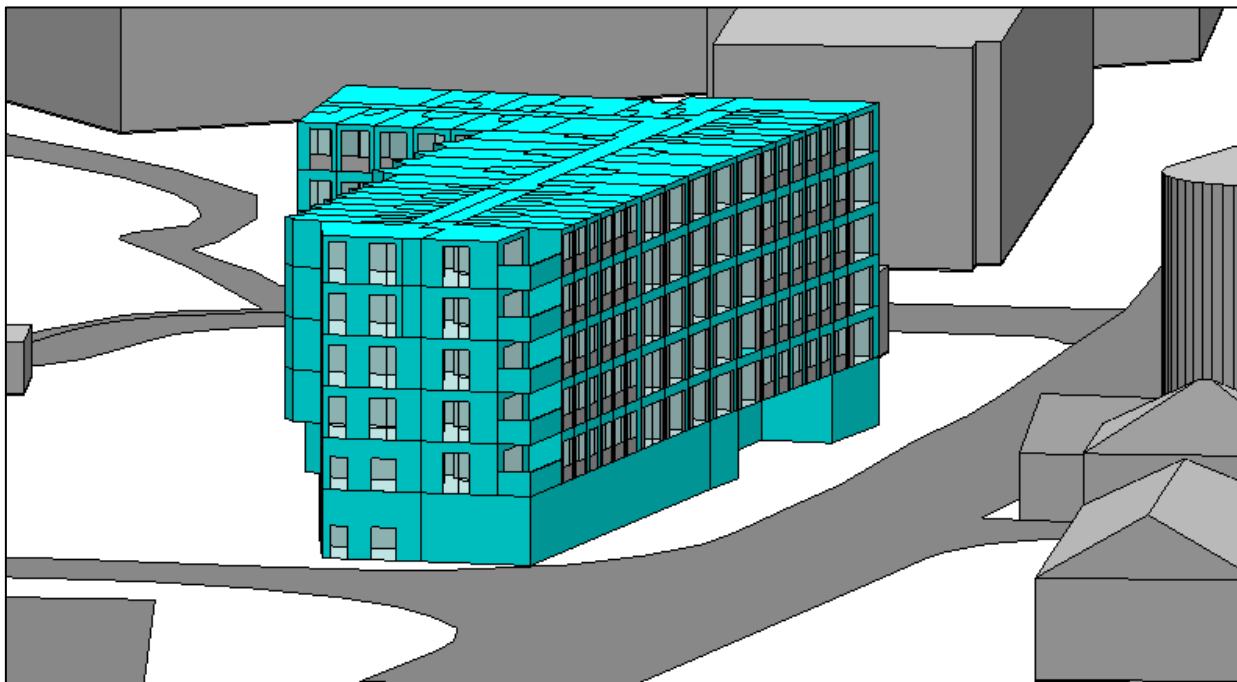
The following images show the simulation model that was constructed to analyse the daylight, sunlight, and overshadowing performance for this proposed scheme.



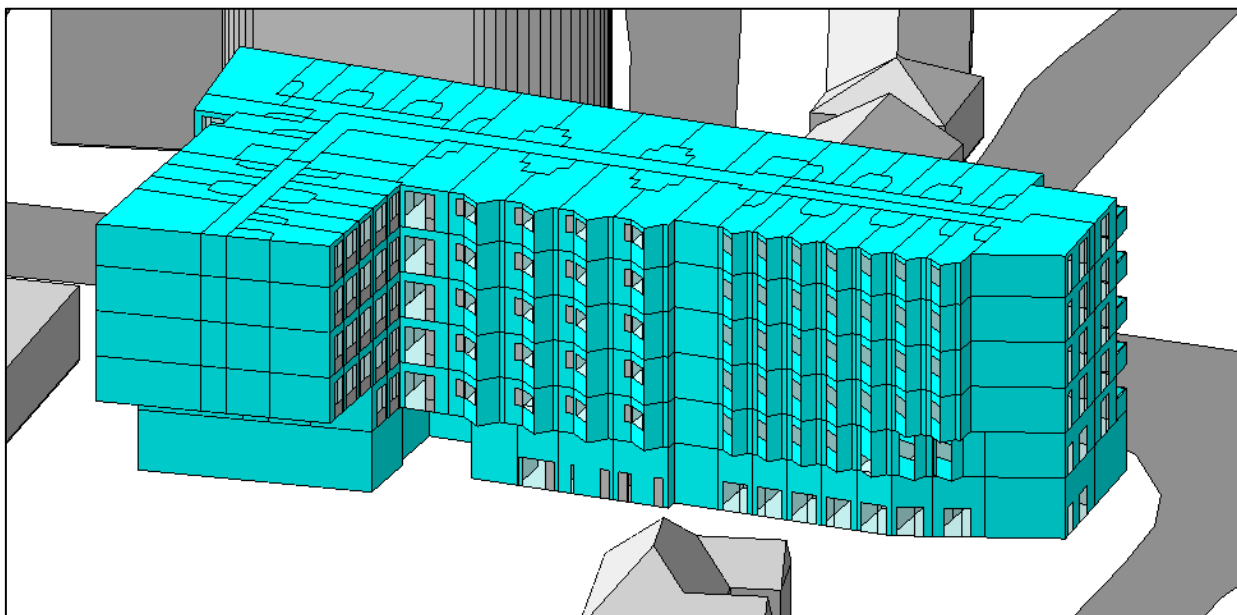
Above: Simulation model image of the proposed student accommodation from the West



Above: Simulation model image of the proposed student accommodation from the South



Above: Simulation model image of the proposed student accommodation from the north



Above: Simulation model image of the proposed student accommodation from the east

5. SIMULATION SOFTWARE DESCRIPTION

IES VIRTUAL ENVIRONMENT

IES Virtual Environment is the world's leading building performance analysis tool. The software provides an in-depth suite of integrated analysis tools which allow an integrated design approach and highly detailed results.

IES VIRTUAL ENVIRONMENT - RADIANCE

Radiance is a software package developed by the Lighting Systems Research group at the Lawrence Berkeley Laboratory in California, USA. Radiance was developed as a research tool for predicting the distribution of visible radiation in illuminated spaces.

IES VIRTUAL ENVIRONMENT - SUNCAST

SunCast enables engineers to perform shading and solar insolation analysis studies and can generate images and animations. SunCast generates shadows and internal solar insolation from any sun position defined by date, time, orientation, site latitude and longitude. SunCast can be used at any stage of the design process from a model created by the IES Model Builder.

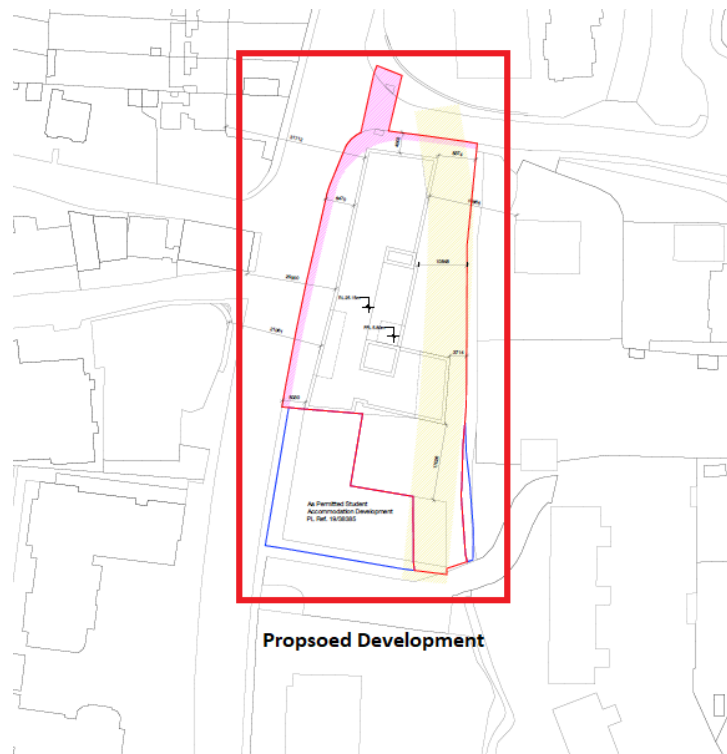
6. ASSESSMENT METHODOLOGY

DAYLIGHT ASSESSMENT – NEIGHBOURING PROPERTIES

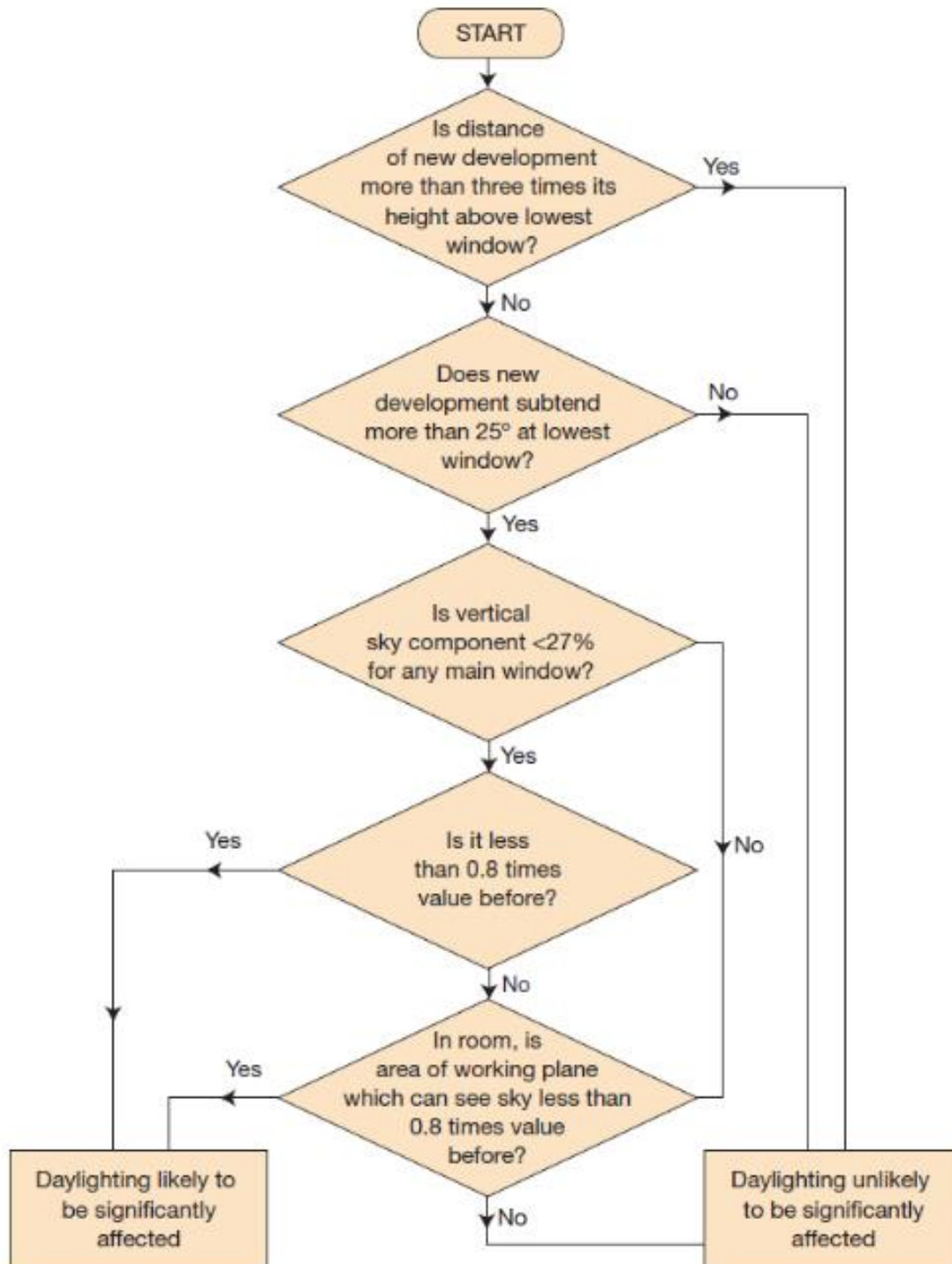
The guidelines given within the BRE Guide are intended for use for rooms in adjoining dwellings where daylight is required, including living rooms, kitchens and bedrooms. Windows to bathrooms, toilets, storerooms and circulation areas need not be analysed.

To analyse the effects of the proposed development on the adjacent applicable buildings in the immediate surrounding area, a Vertical Sky Component (VSC) simulation was carried out using the IES Radiance software package. For the VSC definition refer to Section 2.0 of this report. The VSC was calculated with the proposed development in place using a simulation model. In accordance with Section 2.2 of the BRE Guide, where a VSC of 27% or greater is achieved, “enough skylight should still be reaching the existing building” and therefore daylighting will not be significantly affected. The BRE Methodology is summarised on page 19 of this report. Where a VSC less than 27% is achieved, further analysis is required to determine the likely daylight levels that will be achieved in affected spaces. Any reductions in VSC should be limited to 20%.

The surrounding residential areas are labelled below so that they could be easily referenced during the analysis.



Methodology (as referenced in Section 2.2 of the BRE Guide)



Above: Decision chart / methodology used to quantify the impact of a new development on daylight levels of nearby buildings / dwellings.

DAYLIGHT ASSESSMENT – PROPOSED DEVELOPMENT

The assessment methodology used for this analysis is taken from the latest BRE guidance document (BR209:2022) based on the standards set out in BS EN 17037 British National Annex. This analysis also refers to the standards outlined in European Standard EN 17037:2018 and the previous BRE guidance document BR209:2011 – based on the superseded BS8206-2:2008. The methodologies and results of each assessment are outlined within this report.

Average Daylight Factor (ADF) Using BS 8206-2:2008 (BR209:2011 Targets)

BRE's 2011 guidance document Site Layout Planning for Daylight and Sunlight states the following with respect to Average Daylight Factors (ADF).

C4 If a predominantly daylit appearance is required, then the ADF should be 5% or more if there is no supplementary electric lighting, or 2% or more if supplementary electric lighting is provided. There are additional recommendations for dwellings of 2% for kitchens, 1.5% for living rooms and 1% for bedrooms. These additional recommendations are minimum values of ADF which should be attained even if a predominantly daylit appearance is not achievable.

Above: From BRE's 2011 guidance document Site Layout Planning for Daylight and Sunlight
Therefore, in line with this guidance, minimum recommended average daylight factors are:

- **Bedrooms – 1.00 %**
- **Living / Kitchen Spaces – 2.00 %**

The following assumptions have been applied in this study:

- Sky Conditions: Standard CIE overcast sky
- Time (24hr): 12:00
- Date: 21 September
- Working Plane: 0.85m

Spatial Daylight Autonomy (sDA) Using EN 17037:2018

EN 17037:2018 – Daylight in Buildings states the following with respect to daylight provision within a space:

5.1.2 Criteria for daylight provision

A space is considered to provide adequate daylight if a target illuminance level is achieved across a fraction of the reference plane within a space for at least half of the daylight hours.

In addition, for spaces with vertical or inclined daylight openings, a minimum target illuminance level is also to be achieved across the reference plane.

The reference plane of the space is located 0,85 m above the floor, unless otherwise specified. A small fraction of the reference plane may be disregarded to account for singularities.

Values for target illuminances, minimum target illuminances and fractions of reference plane are given in Table A.1.

This assessment was carried out in accordance with *Method 2* which is described below:

Method 2) Calculation method of illuminance levels on the reference plane using climatic data for the given site and an adequate time step. Annex A gives values for target illuminances and minimum target illuminances to be achieved.

Table A.1 – Recommendations of daylight provision by daylight openings in vertical and inclined surfaces provides target illuminance values which are required to meet the minimum level of recommendation for daylight provision.

In line with the European standard, the following targets were adopted for all spaces assessed during this analysis:

- **300 Lux achieved over at least 50% of the reference plane (0.85m) and**
- **100 Lux achieved over at least 95% of the reference plane (0.85m)**

A space is considered to provide adequate daylight if both target illuminance levels above are achieved across the specified fraction of the space (as per above) for at least 50% of the daylight hours.

Table A.1 — Recommendations of daylight provision by daylight openings in vertical and inclined surface					
Level of recommendation for vertical and inclined daylight opening	Target illuminance E_T lx	Fraction of space for target level $F_{plane, \%}$	Minimum target illuminance E_{TM} lx	Fraction of space for minimum target level $F_{plane, \%}$	Fraction of daylight hours $F_{time, \%}$
Minimum	300	50 %	100	95 %	50 %
Medium	500	50 %	300	95 %	50 %
High	750	50 %	500	95 %	50 %
NOTE Table A.3 gives target daylight factor (D_T) and minimum target daylight factor (D_{TM}) corresponding to target illuminance level and minimum target illuminance, respectively, for the CEN capital cities.					

Above: Table A.1 – Recommendations of daylight provision by daylight openings in vertical and inclined surfaces taken from EN 17037:2018

The working plane has been set at 0.85m in accordance with EN17037.

Spatial Daylight Autonomy (sDA) Using BS EN 17037:2018 (BR209:2022 Targets)

This study also assessed the daylight performance of the scheme using the British national annex within BS EN 17037. This National Annex recommends that the target illuminance values provided in Table NA.1 are achieved over at least 50% of the area of the working plane (0.85m from floor level).

Table NA.1 — Values of target illuminance for room types in UK dwellings	
Room type	Target illuminance E_T (lx)
Bedroom	100
Living room	150
Kitchen	200

Where one room in a UK dwelling serves more than a single purpose, the UK committee recommends that the target illuminance is that for the room type with the highest value – for example, in a space that combines a living room and a kitchen the target illuminance is recommended to be 200 lx.

In line with the recommendation of the British National Annex, an additional spatial daylight autonomy assessment was carried out to assess the number of Bedrooms that achieve the target illuminance of 100 lux over 50% of their areas, as well as the percentage of Kitchen/Living spaces achieving 200 lux over at least 50% of the areas. These performance targets are aligned with the recommended level of daylight availability outlined in the updated BRE guidance document (BR209:2022). These results have been assessed as a part of this analysis along with the superseded BRE Guide as well as the new European standard (EN 17037). Following the recommendation of the British national annex above (and the updated BRE guidance document), an illuminance test for 95% of the floor area of each space was not conducted. If the analysed rooms achieve the specified illuminance level over at least 50% of their area, they are deemed to be adequately daylight according to the British national annex.

The following surface reflectance's were applied in this study:

Material Surface	Reflectance Value	Glass/Window Details
External Wall	0.82	-
Internal Partition	0.82	-
Roof (external)	0.20	-
Ground (external)	0.20	-
Floor/Ceiling (Floor)	0.40	-
Floor/Ceiling (Ceiling)	0.88	-
Glass Light Transmittance	-	70%
Window Frame Thickness	-	50 mm

SUNLIGHT ASSESSMENT – PROPOSED AND SURROUNDING AMENITY SPACE

BRE Guidelines recommend that in order for an amenity space to appear adequately sunlit throughout the year, at least half of the amenity space should receive at least two hours of sunlight on the design day, March 21st. If, as a result of a new development, an existing garden or amenity area does not meet the above, and the area which can receive two hours of sun on March 21st is less than 0.8 times its former value, then the loss of sunlight is likely to be noticeable.

Summary

3.3.17 It is recommended 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 March. If as a result of new development an existing garden or amenity area does not meet the above, and the area that can receive two hours of sun on 21 March is less than 0.80 times its former value, then the loss of sunlight is likely to be noticeable. If a detailed calculation cannot be carried out, it is recommended that the centre of the area should receive at least two hours of sunlight on 21 March.

Above: BRE Guidance in relation to protecting Sunlight in Gardens, Open Spaces and Amenity spaces.

The amount of sunlight available to proposed and surrounding amenity spaces (proposed and surrounding gardens and communal open areas) is assessed as part of this analysis. The results are outlined in *Section 9* of this report.

SUNLIGHT ASSESSMENT – PROPOSED AND SURROUNDING BUILDINGS

According to the BRE guide, habitable rooms (preferably main living rooms) will appear reasonably sunlit if they receive a minimum of 1.5 hours on March 21st. The medium level of recommendation is three hours and the high level of recommendation four hours. For dwellings, at least one habitable room, preferably a main living room, should meet at least the minimum criterion. Analysis was carried out in line with the current BRE guidance, ensuring that the proposed development receives adequate levels of sunlight and no substantial loss of sunlight is incurred in the surrounding buildings.

For Information, the sunlight assessment outlined in the now withdrawn BR209 (2011 edition) has also been included during this transitional period in the interest of providing a robust, comprehensive and transparent Daylight and Sunlight assessment. Including the superseded assessment allows for ease of review for Planning Authorities.

Summary (new buildings)

3.1.15 In general a dwelling, or non-domestic building that has a particular requirement for sunlight, will appear reasonably sunlit provided:

- at least one main window wall faces within 90° of due south and
- a habitable room, preferably a main living room, can receive a total of at least 1.5 hours of sunlight on 21 March. This is assessed at the inside centre of the window(s); sunlight received by different windows can be added provided they occur at different times and sunlight hours are not double counted.

3.1.16 Where groups of dwellings are planned, site layout design should aim to maximise the number of dwellings with a main living room that meets the above recommendations.

Above: BRE Guidance in relation to achieving adequate levels of sunlight in new buildings.

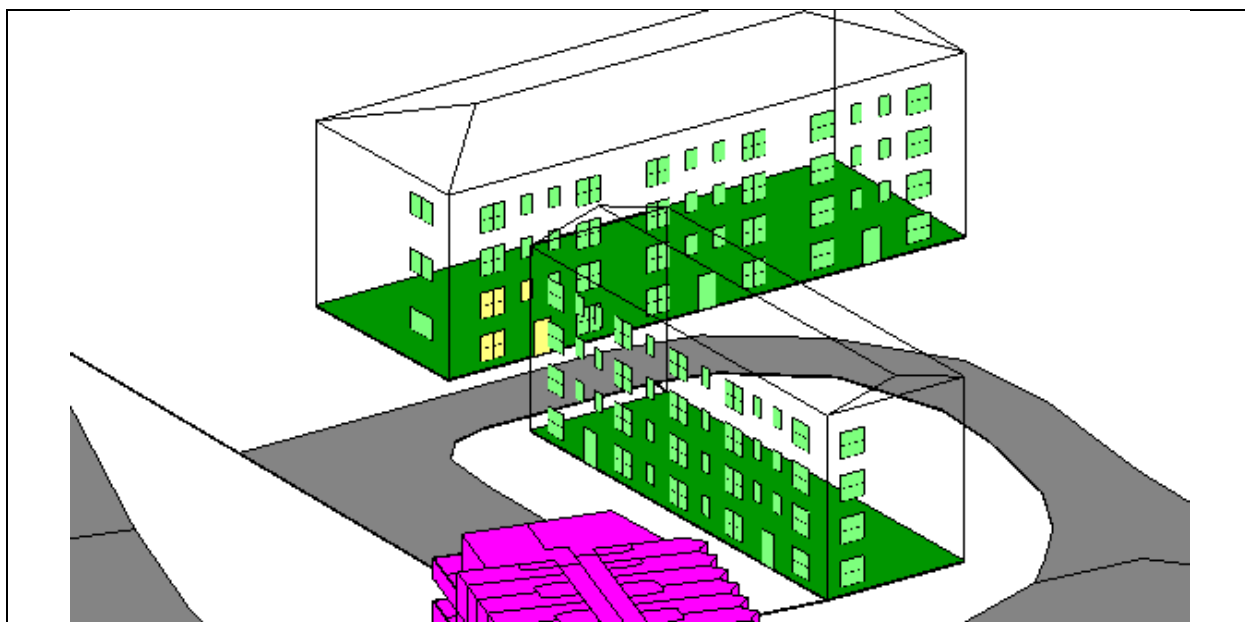
Results for both assessments are shown in *Section 9* of this report.

7. VSC RESULTS

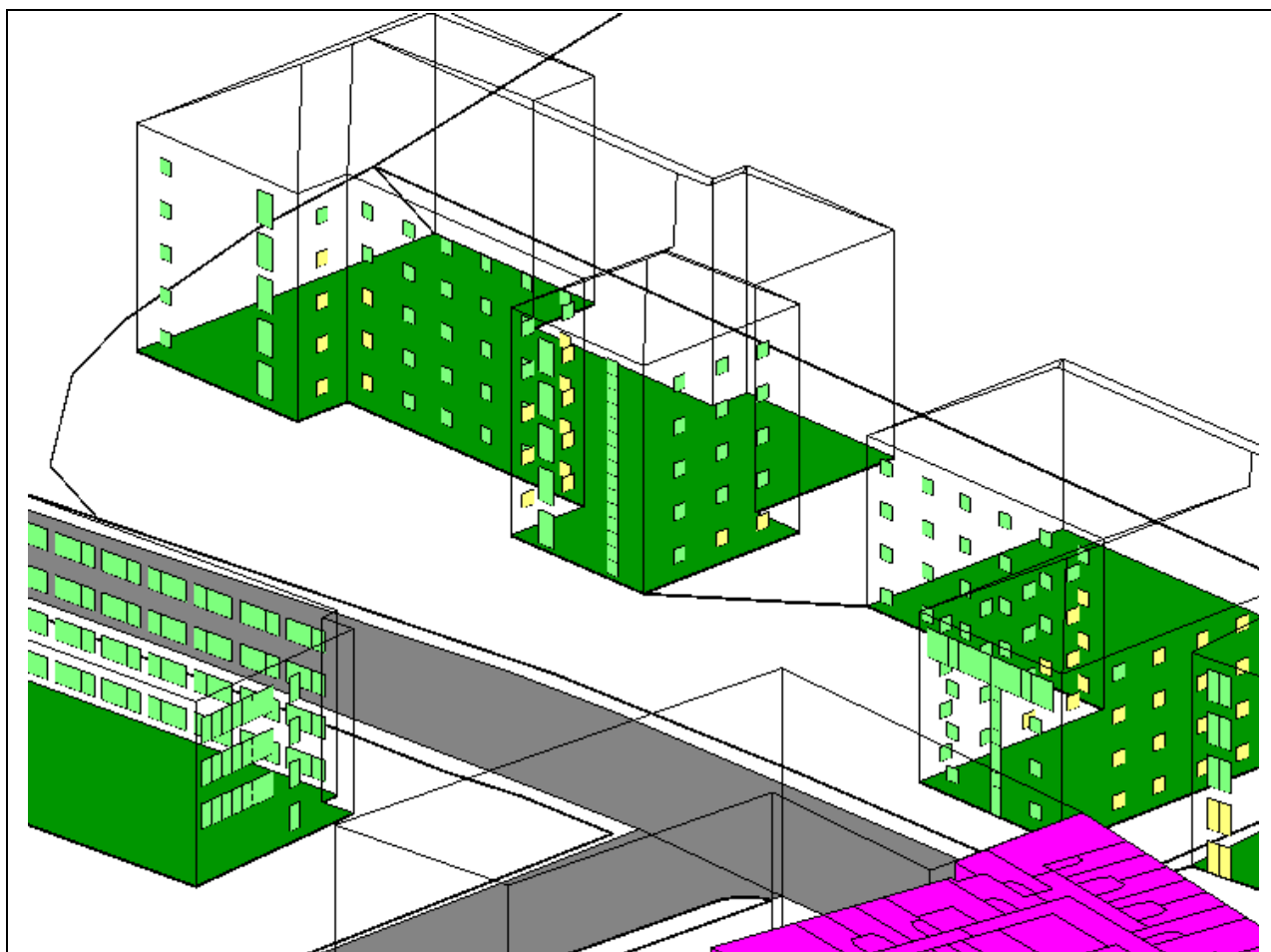
The surrounding buildings are numbered throughout this analysis. For the BRE Guidance on Vertical Sky Component refer to Section 6 of this report.



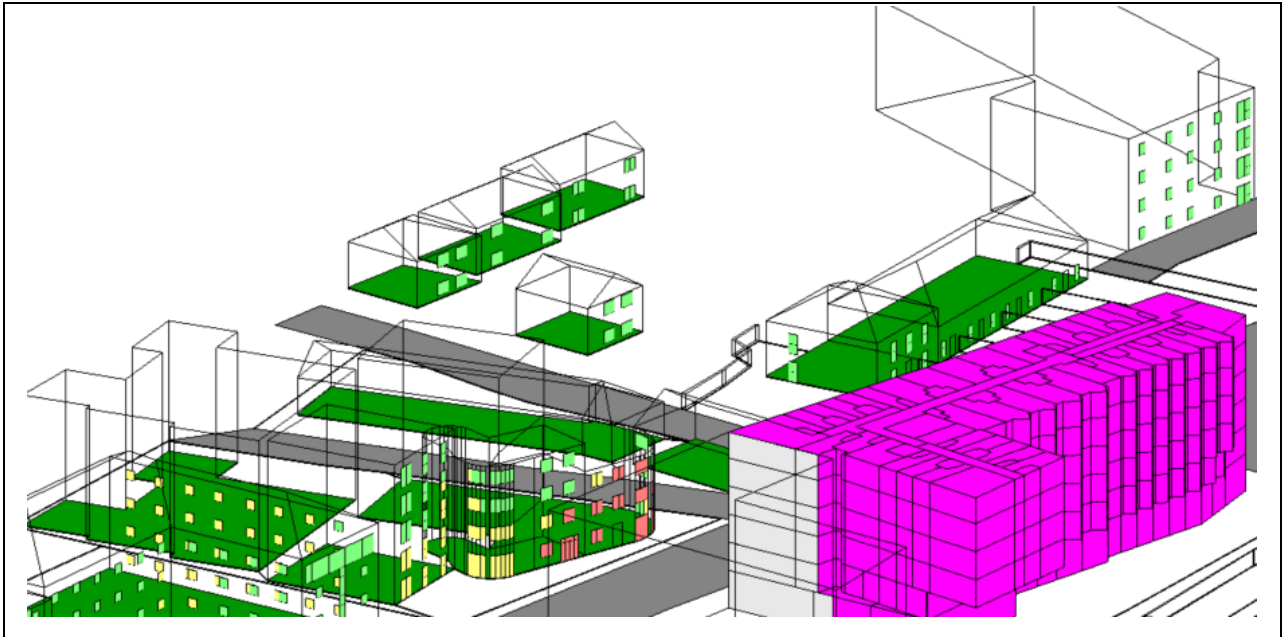
The vertical sky component results are detailed for each of the assessed surrounding buildings below and tabulated in Appendix B of this report.



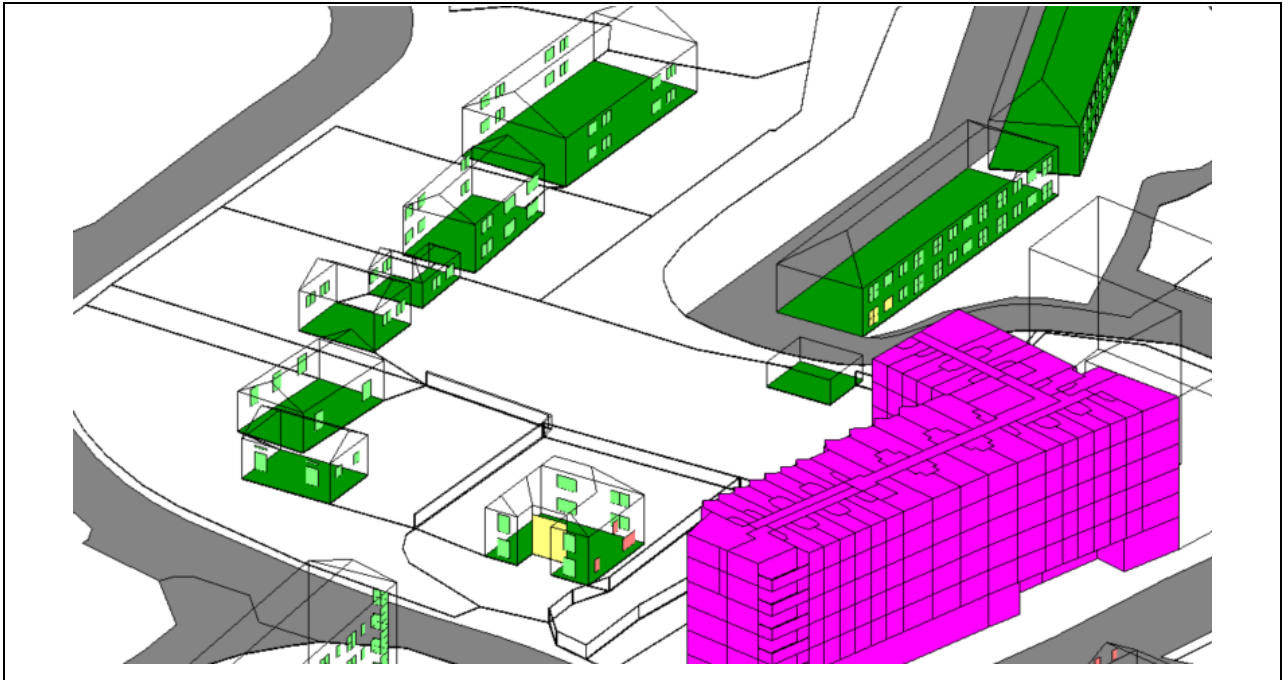
Above: Image from the north showing the openings of the existing building 1 and 2. Windows shown in green have achieved a VSC of $\geq 27\%$ complying with the BRE Criteria. Windows shown in yellow above are still meeting the BRE criteria due to the fact that any reduction in daylight is less than 20% compared to the original baseline. All windows assessed achieve the BRE recommended VSC of $\geq 27\%$ with no significant impact from the adjacent proposed apartment block.



Above: Image from the South showing the openings of building 15. Windows shown in green have achieved a VSC of $\geq 27\%$ complying with the BRE Criteria. Windows shown in yellow above are still meeting the BRE criteria due to the fact that any reduction in daylight is less than 20% compared to the original baseline. It should be noted that the BRE guidance in relation to VSC is intended for use in adjoining dwellings.



Above: Image from the West showing the openings of buildings 1,9,10,11,12,13,14 and Windows shown in green have achieved a VSC of $\geq 27\%$ complying with the BRE Criteria. Windows shown in yellow above are still meeting the BRE criteria due to the fact that any reduction in daylight is less than 20% compared to the original baseline. The windows in red above fall outside the BRE Guidelines as the VSC is $\leq 27\%$ and the reduction in daylight is more than 20% compared to the original baseline. However, these windows are located in non-residential spaces, BRE 209 States “The guidelines given here are intended for use for rooms in adjoining dwellings where daylight is required, including living rooms, kitchens, and bedrooms.” As non-domestic buildings do not have the same expectations in relation to daylight requirements and as such should be understood as such in the context of site development.



Above: Image from the West showing the openings of building 4,5,6,7,8 and 16. Windows shown in green have achieved a VSC of $\geq 27\%$ complying with the BRE Criteria. Windows shown in yellow above are still meeting the BRE criteria due to the fact that any reduction in daylight is less than 20% compared to the original baseline. The windows in red above fall outside the BRE Guidelines as the VSC is $\leq 27\%$ and the reduction in daylight is more than 20% compared to the original baseline. Overall, the results of the proposed development on surrounding residential daylight levels is in compliance with the BRE targets. The only exception is located on the West façade of the development under construction at The Old Kin which appear to be secondary windows (bathrooms, toilets, storerooms, and circulation). The guidance for daylight assessment within BRE 209 is intended for living rooms, kitchens, and bedrooms. It also states that windows to bathrooms, toilets, storerooms, and circulation areas need not be analysed. We feel that daylight in all main living rooms, kitchens, and bedrooms for this development have been assessed and achieve adequate daylight levels with the proposed development in place.

A full breakdown of the VSC results for each opening analysed can be found in Appendix B of this report.

Our simulation analyses the impact that the proposed development has on the windows of its surrounding buildings. The existing adjacent buildings are residential properties and so, and in keeping with the guidance protocols, the windows of these buildings were assessed for potential loss of daylight.

8. AVERAGE DAYLIGHT FACTOR RESULTS – PROPOSED SCHEME

The assessment methodology used for this analysis is taken from the BRE Guidance document (BR209:2022) based on the standards set out in the British interpretation of the new European Standard – BS EN 17037 (British National Annex). This analysis also refers to the performance targets outlined in European Standard EN 17037:2018. In the interest of completeness, the assessment also refers to the recently superseded BRE Guidance document BR209:2011 based on the standards set out in the British Standard BS8206:2. Average daylight factors were assessed against the recommendations of this guidance document. This ensures that the assessment of daylight availability within the proposed development is robust, providing results under the updated guidance documents and standards, as well as the recently superseded guidance document.

AVERAGE DAYLIGHT FACTOR RESULTS – PROPOSED SCHEME

As this development consists of combined kitchen/living spaces, the Minimum recommended Average Daylight Factors (ADF) according to BRE Guidance are:

- Bedrooms – 1.00 %
- Kitchen/Living Rooms – 2.00 %

The average daylight factor (ADF) for the bedrooms and kitchen/living spaces have been assessed as per the methodology outlined in Section 6 of this report.

The calculated ADF results are summarised below:

- **96.6%** of bedrooms achieve an ADF of $\geq 1.00\%$
- **100.0%** of the Kitchen/Living rooms achieve an ADF of $\geq 2.00\%$

Summary

% of Bedrooms with an ADF ≥ 1.00	% of Kitchen/Living/Dining with ADF ≥ 2.00
96.6	100%

A detailed breakdown of the ADF result achieved in each space can be seen in Appendix C of this report.

SPATIAL DAYLIGHT AUTONOMY (sDA) Results Summary (EN17037 and BS EN17037)

This scheme was also assessed using the latest European Standard EN17037 as well as the British national annex provided in BS EN17037 in line with updated BRE guidance document – BR209:2022.

Spatial Daylight Autonomy - EN17037 All spaces recommended to achieve 300 lux over 50% of area and 100 Lux over 95% of area for at least 50% of daylight hours	
Room Type	Passing (%)
Overall	79.39

Spatial Daylight Autonomy – BS EN17037 British National Annex KLD recommended to achieve 200 lux over 50% area for at least 50% of daylight hours Living rooms recommended to achieve 150 Lux over 50% area for at least 50% of daylight hours Bedrooms recommended to achieve 100 lux over 50% area for at least 50% of daylight hours	
Room Type	Passing (%)
Overall	99.0

The results of these assessments are tabulated in detail in Appendix D and Appendix E of this document.

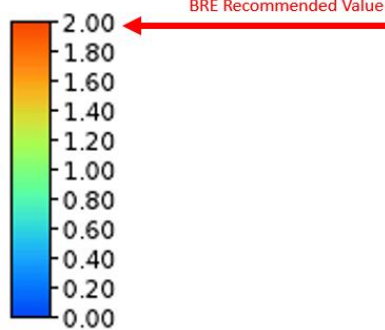
9. SUNLIGHT RESULTS

BRE Guidelines recommend that in order for an amenity space to appear adequately sunlit throughout the year, at least half of the amenity space should receive at least two hours of sunlight on the design day, 21st March. For the purpose of this assessment, the gardens of each house, designated amenity areas such as the communal open spaces and any existing surrounding building amenity spaces were assessed for sunlight availability in line with the latest BRE guidance.

Annual Probable Sunlight Hours – Amenity Spaces

21/Mar - 00:00 to 21/Mar - 23:00

Hours



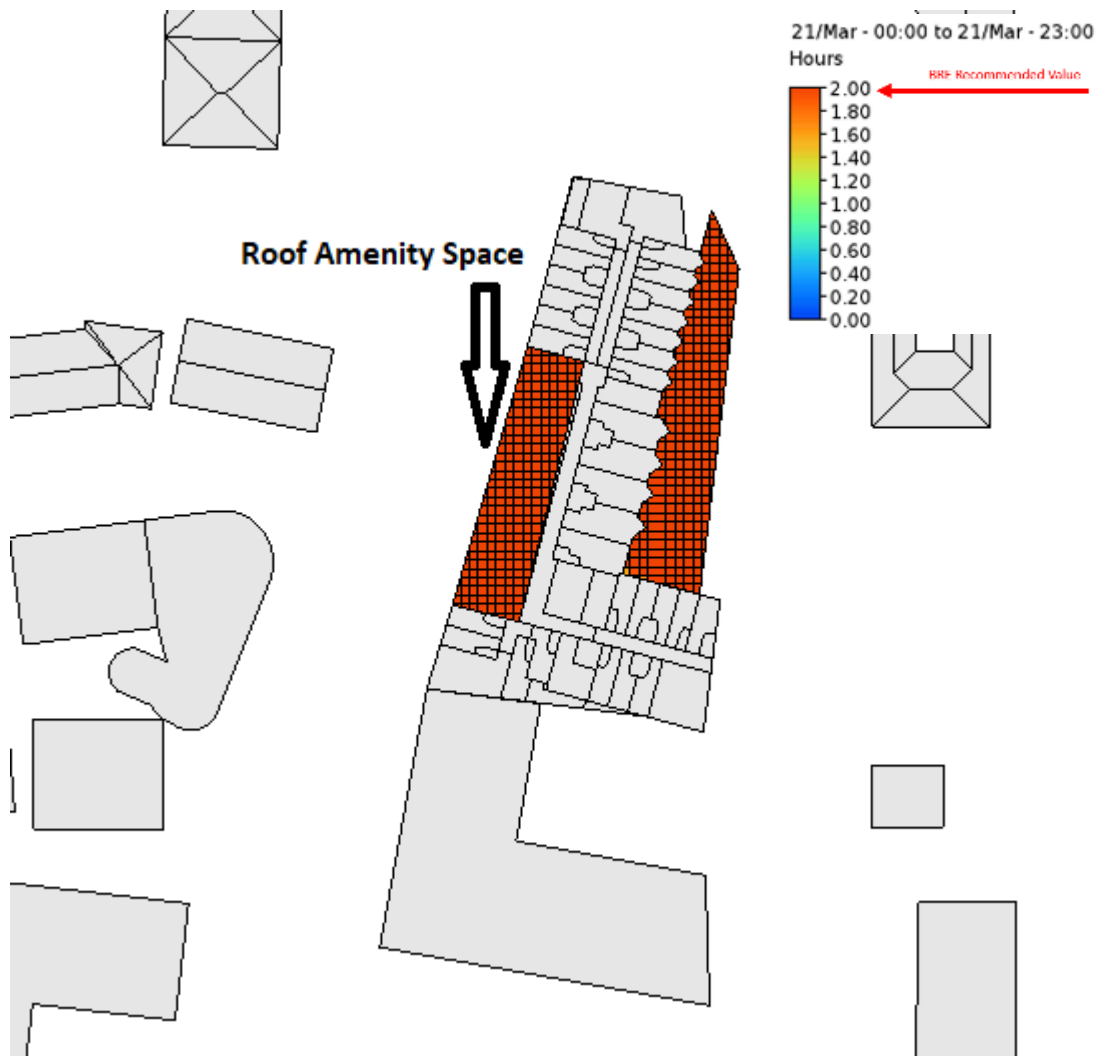
Above: Probable sunlight hours on March 21st (hours) legend



Above: Google Earth Image of the existing site.

Amenity Areas – Proposed Development

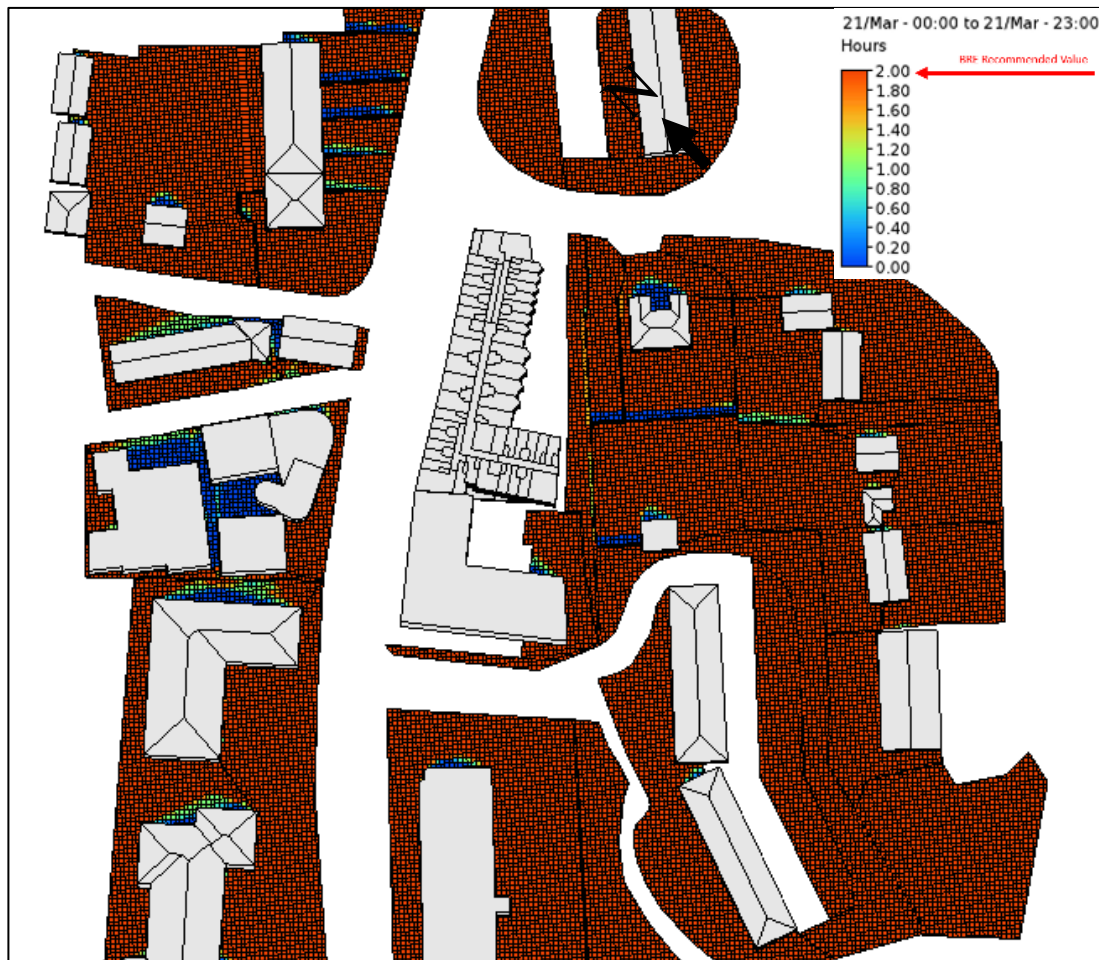
BRE Guidelines recommend that in order for an amenity space to appear adequately sunlit throughout the year, at least half of the amenity space should receive at least two hours of sunlight on the design day, March 21st. The following imagery shows the amenity areas of the proposed development receive at least 2 hours of sunlight over the vast majority of their area in accordance with BRE recommendations.



Above: The amenity areas of the proposed development. All areas meet the recommended level of sunlight on the design day (March 21st) are shown in red. These areas receive sufficient levels of sunlight in line with the BRE guidance, achieving 2 hours of sunlight over the vast majority of its total area on the design day.

Amenity Areas – Neighbouring Properties

BRE Guidelines recommend that in order for an amenity space to appear adequately sunlit throughout the year, at least half of the amenity space should receive at least two hours of sunlight on the design day, March 21st.



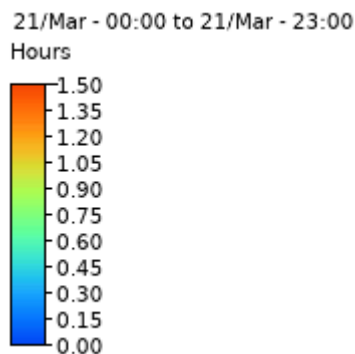
Above: The garden areas of neighbouring properties that meet the recommended level of sunlight on the design day (March 21st) are shown in red. These areas receive sufficient levels of sunlight in line with the BRE guidance, achieving 2 hours of sunlight over the vast majority of their total area on the design day. Localised areas that do not achieve the recommended level of sunlight are shaded by the neighbouring properties themselves rather than the proposed development and would not be expected to achieve the recommended level of sunlight

Sunlight in New Developments (BR209:2022)

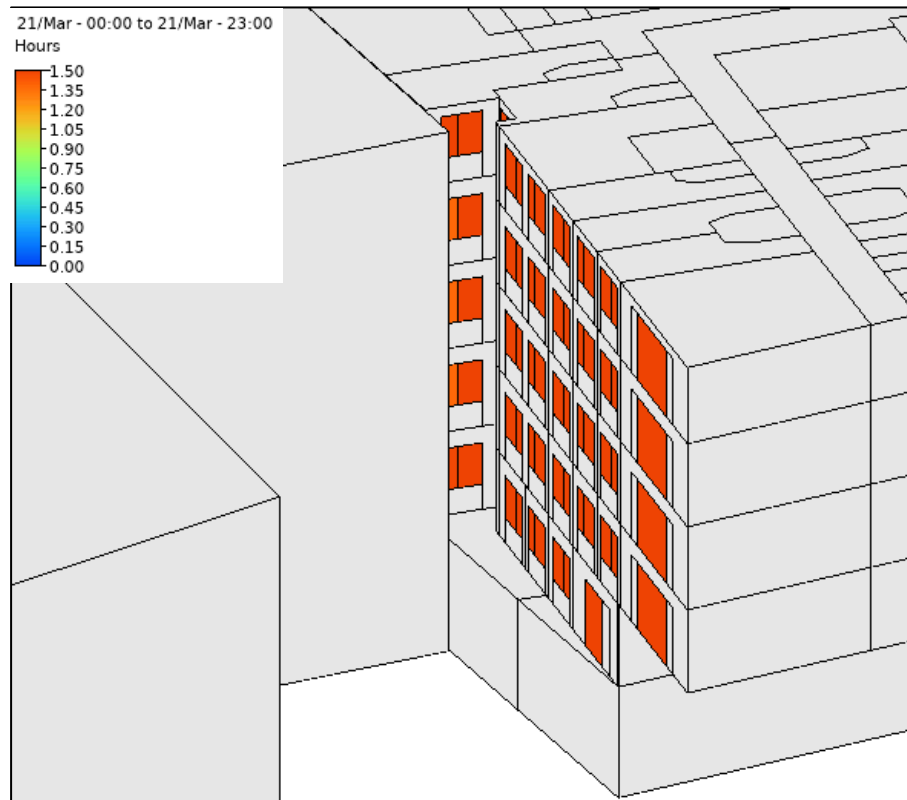
As stated in *Section 6* of this report, habitable rooms (preferably main living rooms) will appear reasonably sunlit if they receive a minimum of 1.5 hours on March 21st.

For dwellings, at least one habitable room, preferably a main living room, should meet at least the minimum criterion. Analysis was carried out in line with the current BRE guidance, ensuring that the proposed development receives adequate levels of sunlight. For this assessment, a sunlight availability target of 1.5 hours on the 21st of March was adopted in line with the guidance of the new BRE Guide – BR209:2022.

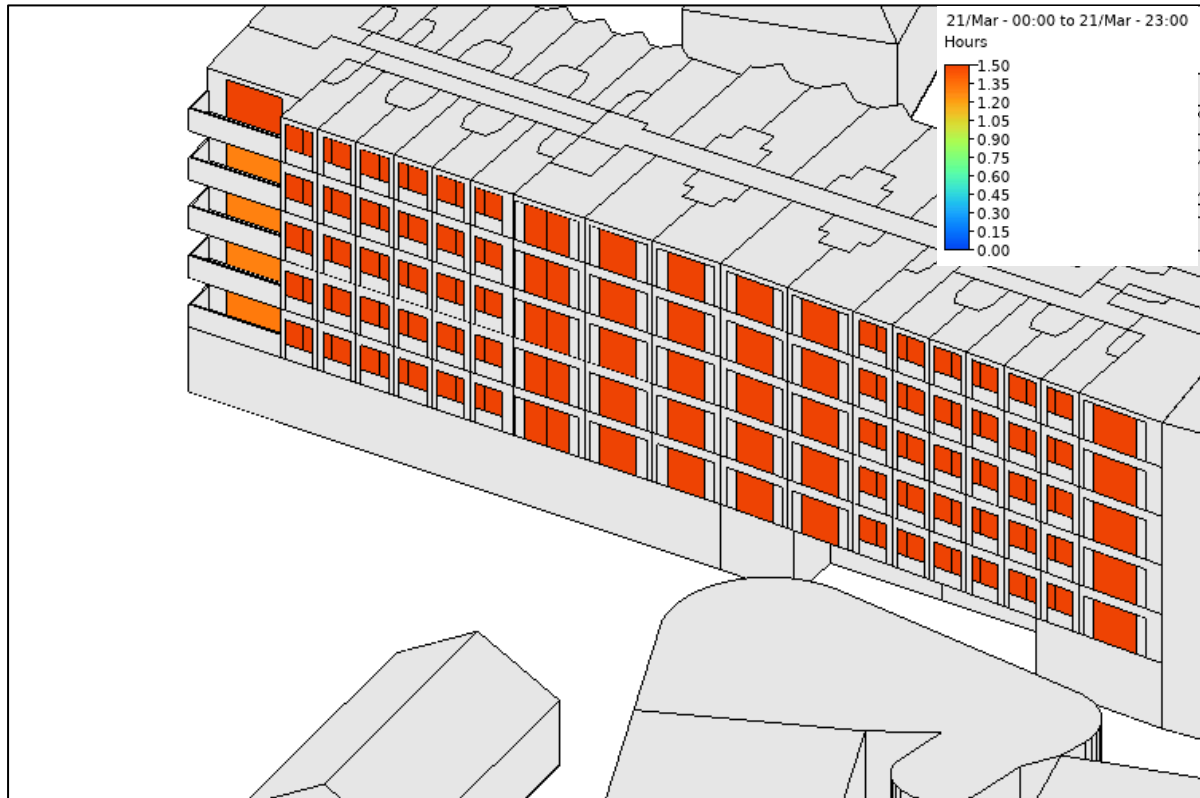
It should be noted, the BRE guidance in relation to this applies to rooms of all orientations, although the guidance states that if a room faces significantly north of due east or west it is unlikely to be met. While results have been included for each orientation, only the windows to living rooms located on the facades highlighted in red below are expected to meet the BRE minimum recommended sunlight target of 1.5 hours on the 21st of March.



Above: Sunlight hours on March 21st (hours) legend



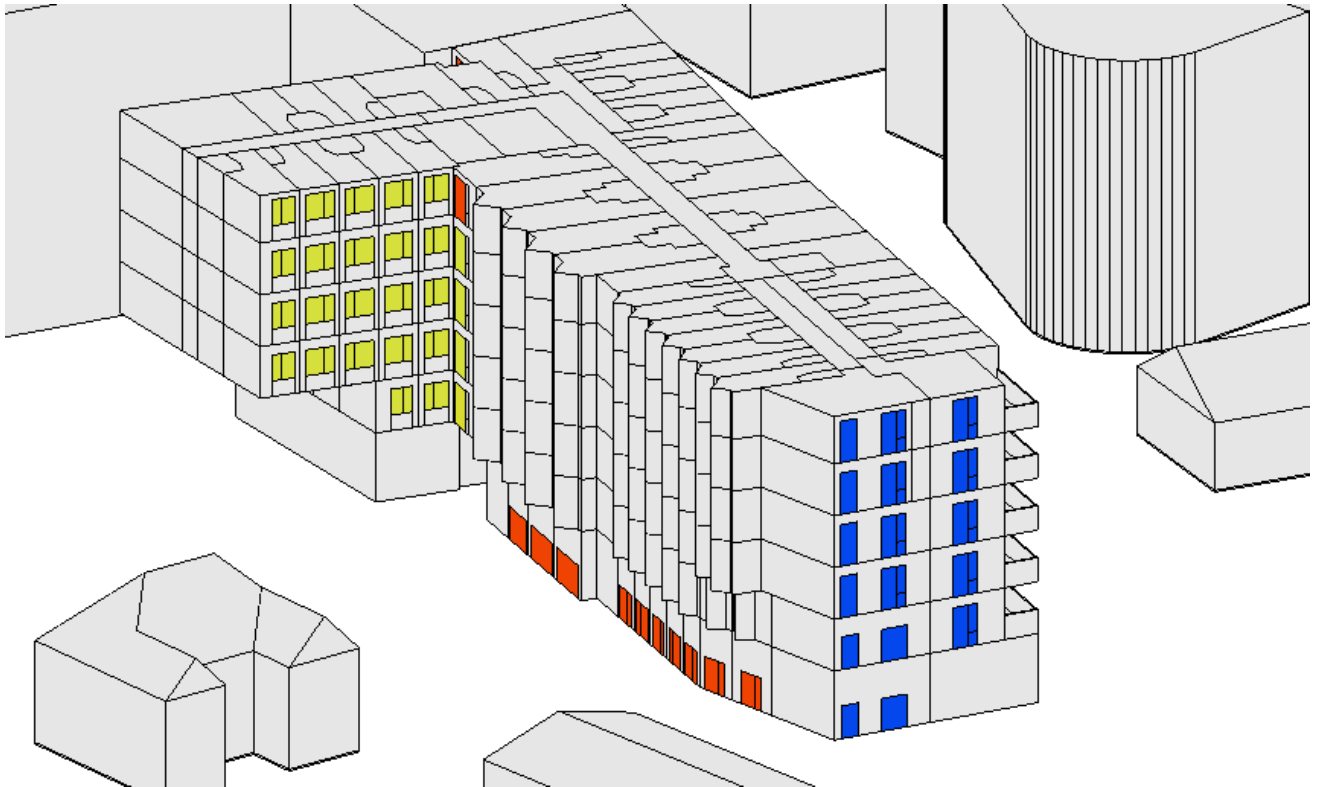
Above: The image above (taken from the South) shows the living spaces of the proposed development. As shown, openings that achieve at least 1.5 hours of sunlight on the 21st of March are highlighted in red. These openings will appear adequately sunlit in line with the latest BRE guidance.



Above: The image above (taken from the West) shows the living spaces of the proposed development. As shown, openings that achieve at least 1.5 hours of sunlight on the 21st of March are highlighted in red. The openings that are highlighted in orange are kitchen/living/dining rooms, However it can be seen that one main window for each space (Bedroom) is achieving the BRE minimum requirement of 1.5 % on March 21st. Please see section 10 of this report for compensatory measure provided to the proposed development



Above: The image above (taken from the East) shows the living spaces of the proposed development. As shown, openings that achieve at least 1.5 hours of sunlight on the 21st of March are highlighted in red. These openings will appear adequately sunlit in line with the latest BRE guidance. There are a small number of individual openings shown in orange/yellow that do not achieve the recommended 1.5 hours of sunlight on the 21st of March. However, as this façade is orientated more than 90° from due south, these openings are not expected to achieve the BRE recommended level of sunlight availability – particularly as they are located in the near the inner corner of the development. Although this façade has some localise areas that fall marginally below the threshold, the vast majority of the openings assessed still achieve the BRE recommended level of sunlight availability. Please see section 10 of this report for compensatory measure provided to the proposed development.



Above: The image above (taken from the North) shows the living/bedroom spaces of the proposed development. As shown, openings that achieve at least 1.5 hours of sunlight on the 21st of March are highlighted in red. These openings will appear adequately sunlit in line with the latest BRE guidance. There are a number of individual openings shown in orange, yellow, green and blue that do not achieve the recommended 1.5 hours of sunlight on the 21st of March. However, as this façade is orientated more than 90° from due south, these openings are not expected to achieve the BRE recommended level of sunlight availability.

Sunlight in New Developments (BR209:2011)

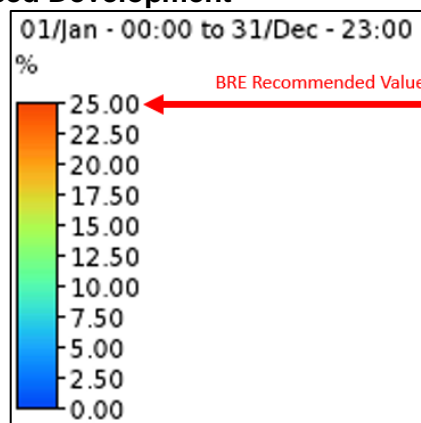
In the interest of completeness, additional sunlight analysis has also been provided in line with the recently superseded BRE guidance document (BR209:2011).

Annual Probable Sunlight Hours – Proposed Development

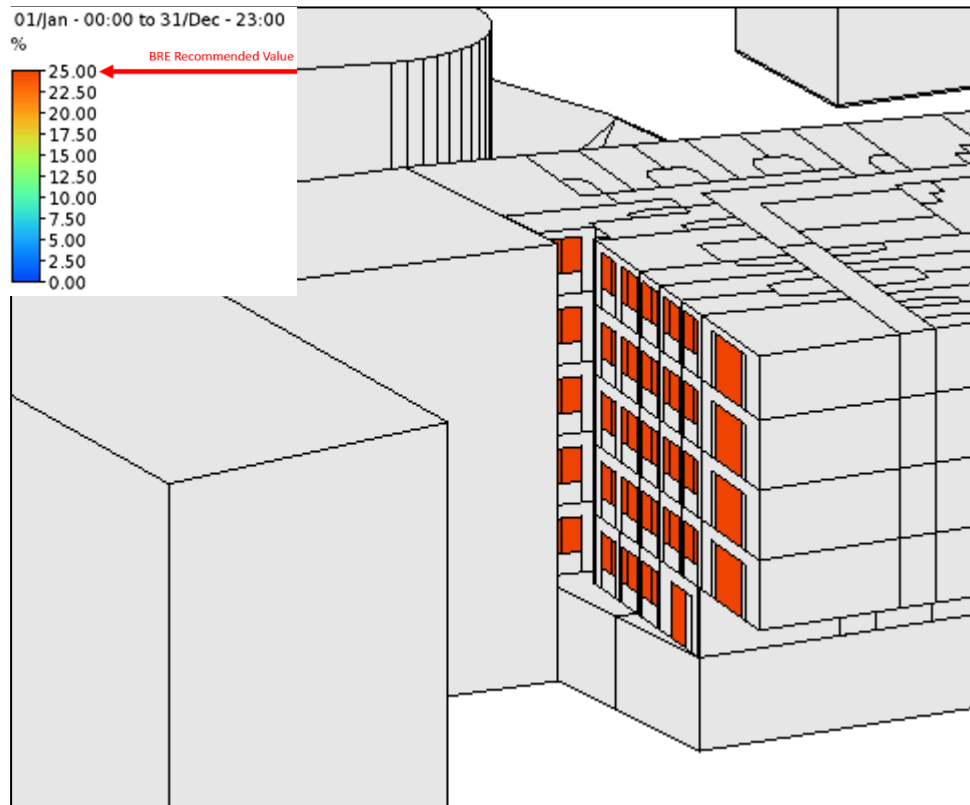
As outlined in *Section 6* of this report, the living spaces of these developments will appear adequately sunlit provided they receive 25% of their annual probable sunlight hours during the year and 5% of their probable sunlight hours during the winter months. If a living room of an existing dwelling has a **main window facing within 90° of due south**, and any part of a new development subtends an angle of more than 25° to the horizontal measured from the centre of the window in a vertical section perpendicular to the window, then the sun lighting of the existing dwelling may be adversely affected. The results of this assessment are represented below for all relevant areas.

As windows that are more than 90° from due south are not expected to achieve the criteria outlined in the BRE Guide any such windows have not been considered as part of the annual probable sunlight analysis.

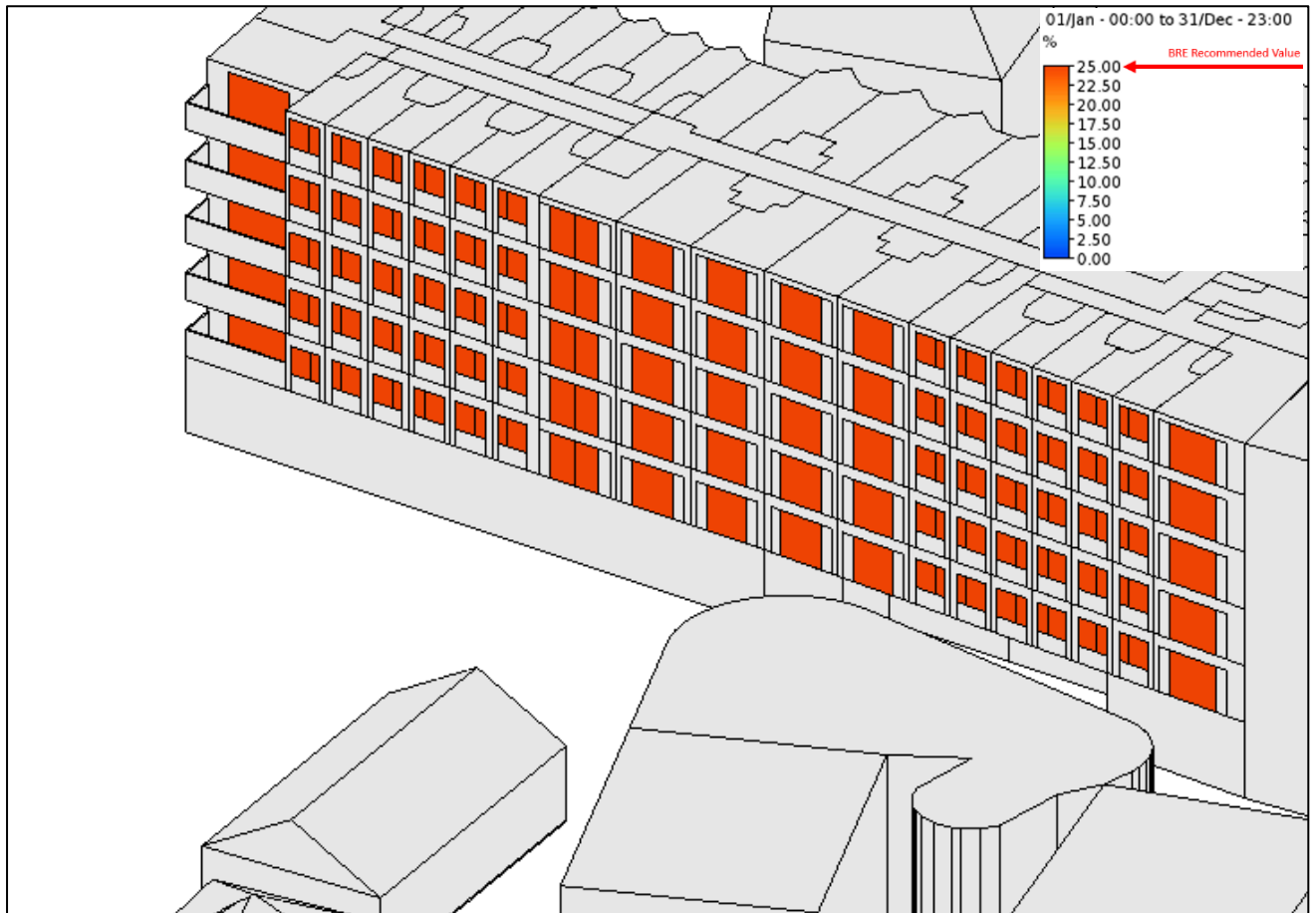
Annual Assessment – Proposed Development



Above: Annual probable sunlight hours (%) legend.



Above: The image above (taken from the South) shows the living spaces of the proposed development. As shown, openings that achieve at least 25% of their annual probable sunlight hours are highlighted in red. These openings will appear adequately sunlit in line with BRE guidance.



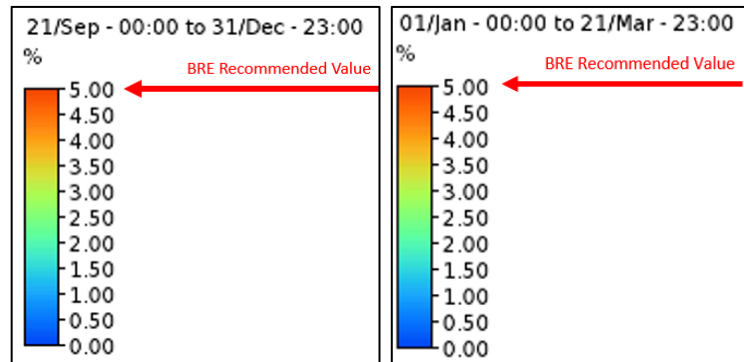
Above: The image above (taken from the West) shows the living spaces of the proposed development. As shown, openings that achieve at least 25% of their annual probable sunlight hours are highlighted in red. These openings will appear adequately sunlit in line with BRE guidance. All windows assessed on this façade achieve the BRE recommended level of annual sunlight.



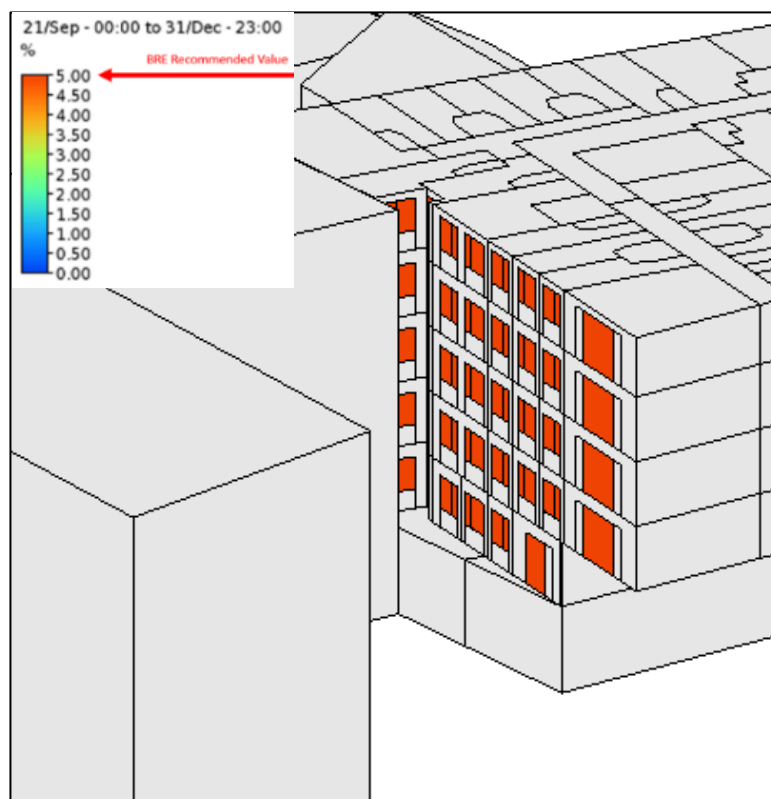
Above: The image above (taken from the East) shows the living spaces of the proposed development. As shown, openings that achieve at least 25% of their annual probable sunlight hours are highlighted in red. These openings will appear adequately sunlit in line with BRE guidance. All windows assessed on this East façade achieve the BRE recommended level of annual sunlight. Other openings on the inner east-facing façade (in background, shown in orange/yellow) do not achieve the BRE recommended annual probable sunlight hours value, receiving between 17-24% of their annual probable sunlight hours. These windows are located close to the inner corner of the development.

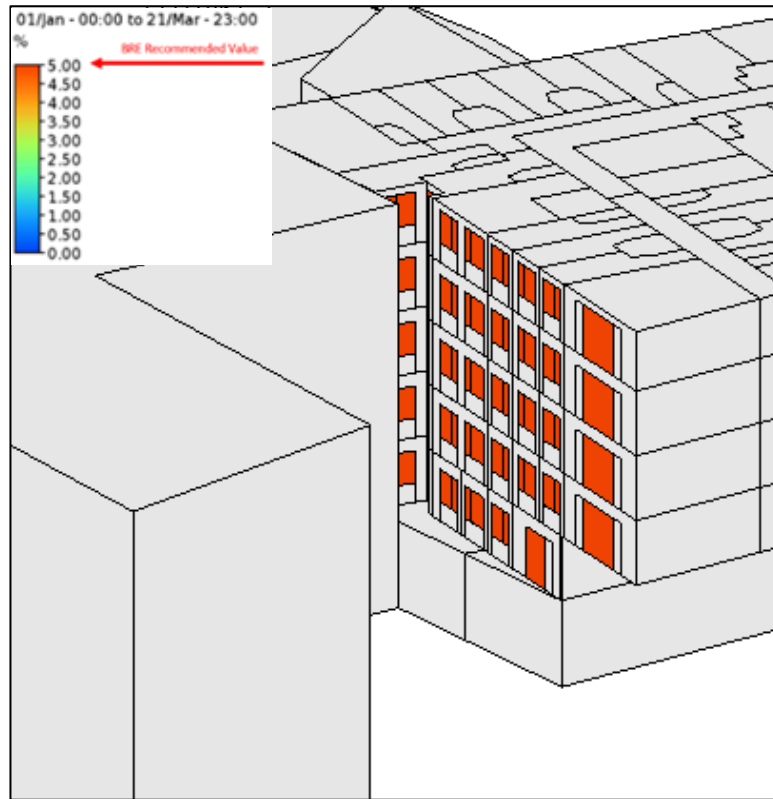
It should be noted that windows that are more than 90° from due south are not expected to achieve the criteria outlined in the BRE Guide and so were not considered as part of the annual probable sunlight analysis.

Annual Probable Sunlight Hours – Proposed Development: Winter Assessment

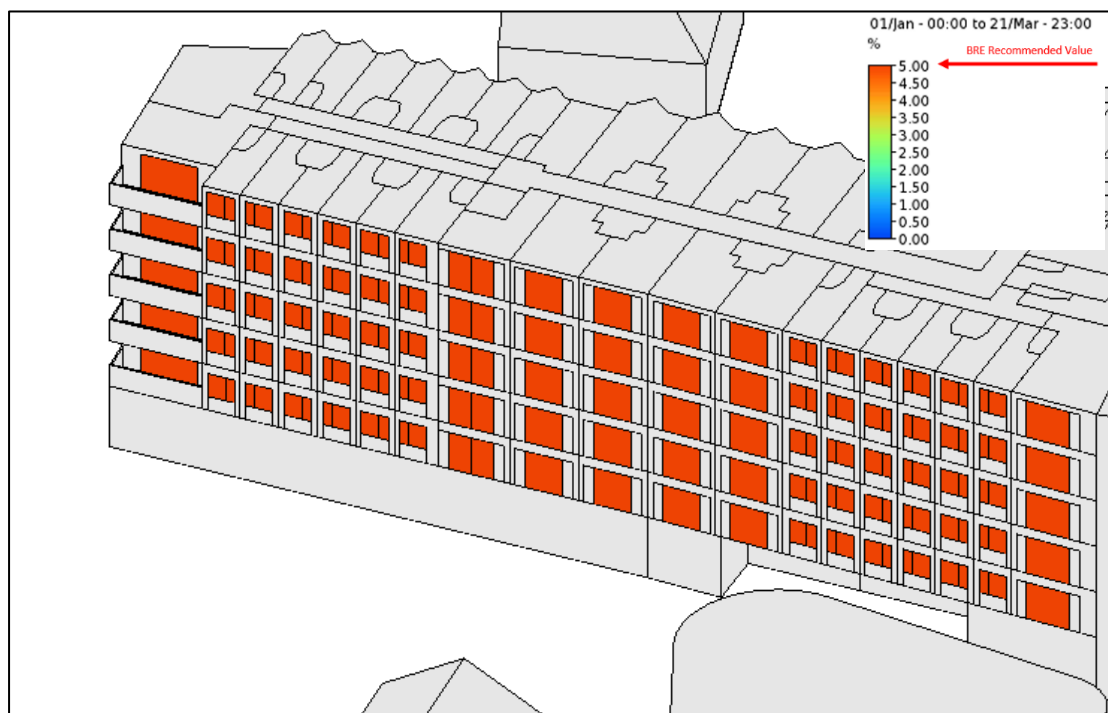
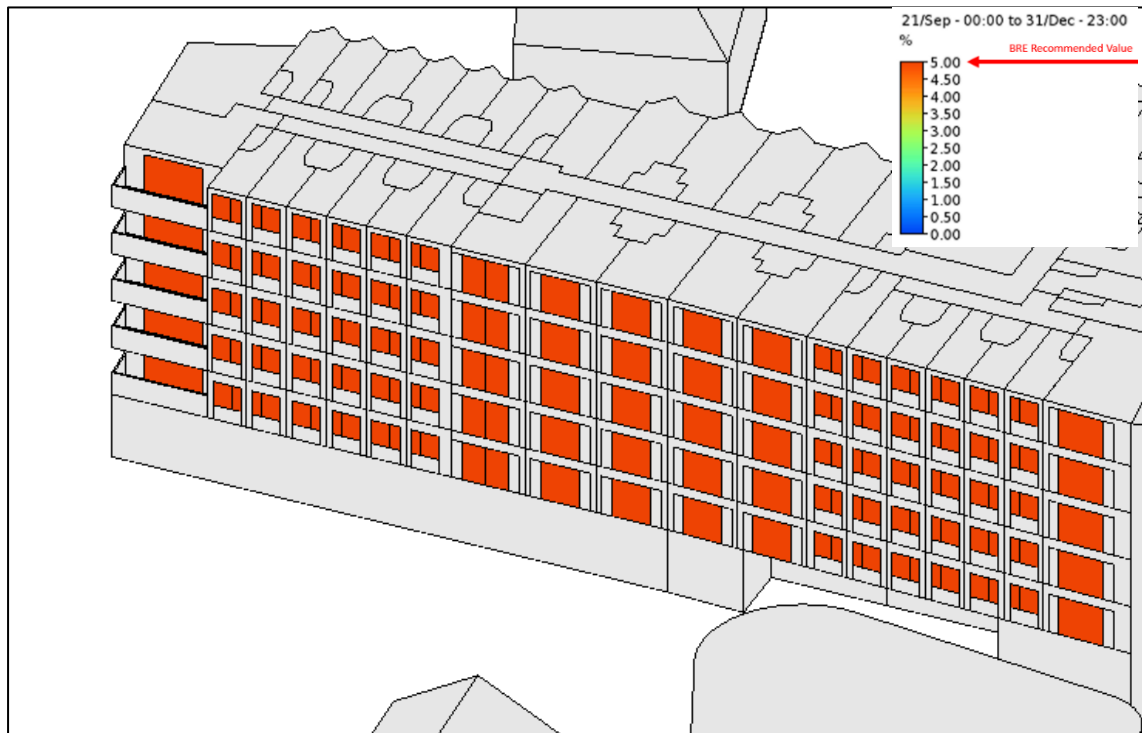


Above: Probable sunlight hours from September 21st to March 21st (%) legend

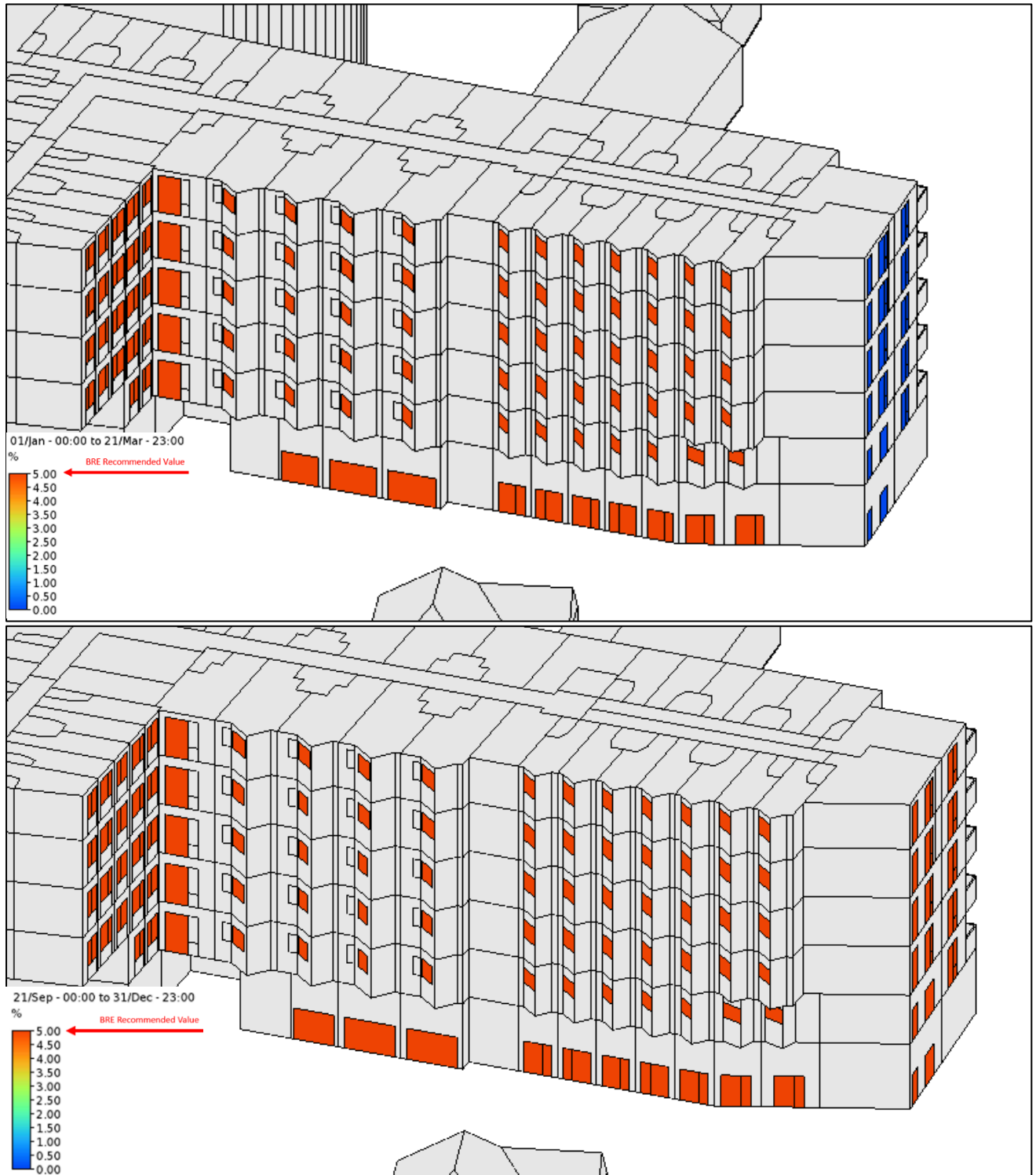




Above: The images above (taken from the southeast) show the living spaces of the proposed development. As shown, openings that achieve at least 5% of their probable sunlight hours during winter months are highlighted in red. These openings will appear adequately sunlit in line with BRE guidance. All windows assessed on this façade achieve the BRE recommended level of annual sunlight.



Above: The images above (taken from the West) show the living spaces of the proposed development. As shown, openings that achieve at least 5% of their annual probable sunlight hours are highlighted in red. These openings will appear adequately sunlit in line with BRE guidance. All windows assessed on this façade achieve the BRE recommended level of annual sunlight.



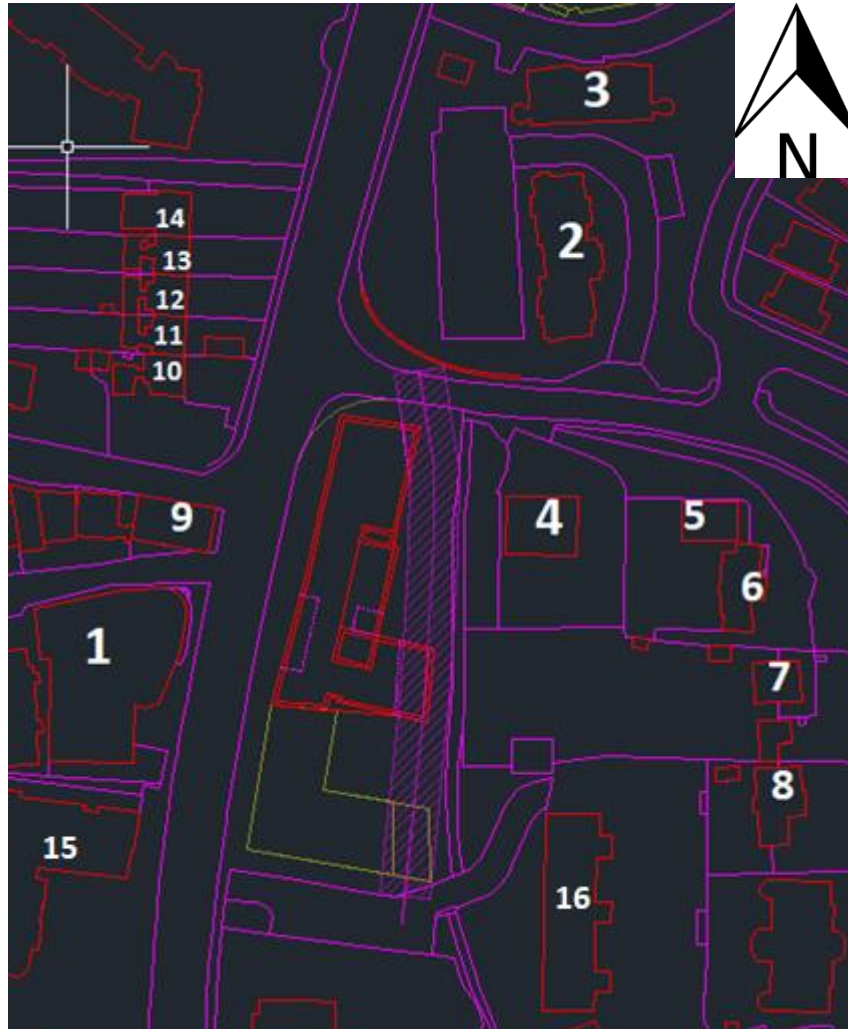
Above: The images above (taken from the East) show the living spaces of the proposed development. As shown, openings that achieve at least 5% of their annual probable sunlight hours are highlighted in red. These openings will appear adequately sunlit in line with BRE guidance. All windows assessed on this façade achieve the BRE recommended level of annual sunlight.

The graphics above show the living spaces within the proposed development that achieve 25% and 5% of their annual and winter probable sunlight hours respectively (highlighted in red) meaning these spaces will appear adequately sunlit in line with BRE guidance.

It should be noted that windows that are more than 90° from due south are not expected to achieve the criteria outlined in the BRE Guide and so should not be considered as part of the annual probable sunlight analysis.

“East- and west-facing windows will receive sunlight only at certain times of the day. A dwelling with no main window wall within 90° of due south is likely to be perceived as insufficiently sunlit. This is usually only an issue for flats. Sensitive layout design of flats will attempt to ensure that each individual dwelling has at least one main living room which can receive a reasonable amount of sunlight. In both flats and houses, a sensible approach is to try to match internal room layout with window wall orientation. Where possible, living rooms should face the southern or western parts of the sky and kitchens towards the north or east.”

Annual Probable Sunlight Hours – Surrounding Buildings

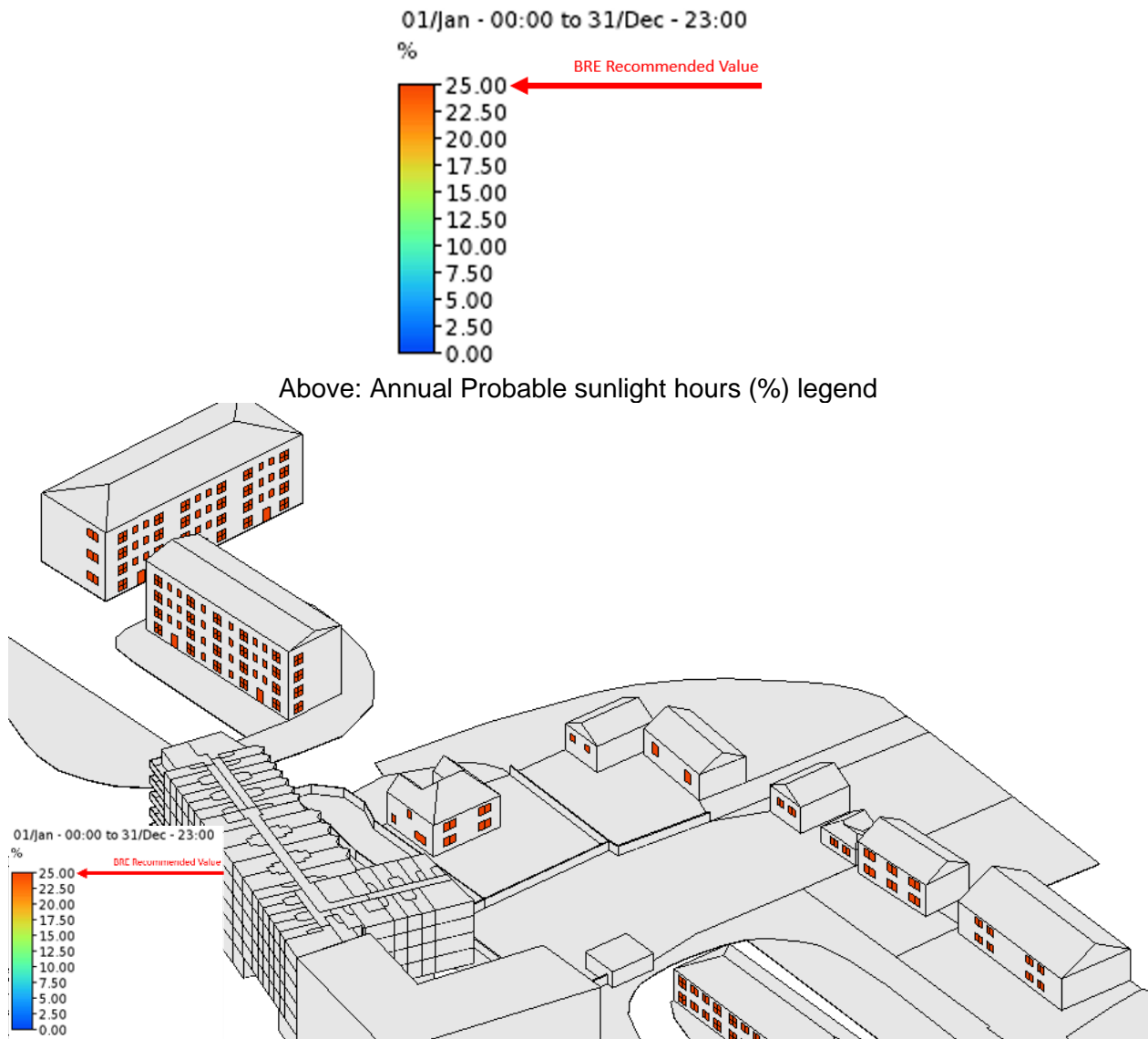


Above: The image above shows the orientation of the surrounding buildings that could potentially be impacted by the proposed development. As highlighted in Section 6 of this report (page 12):

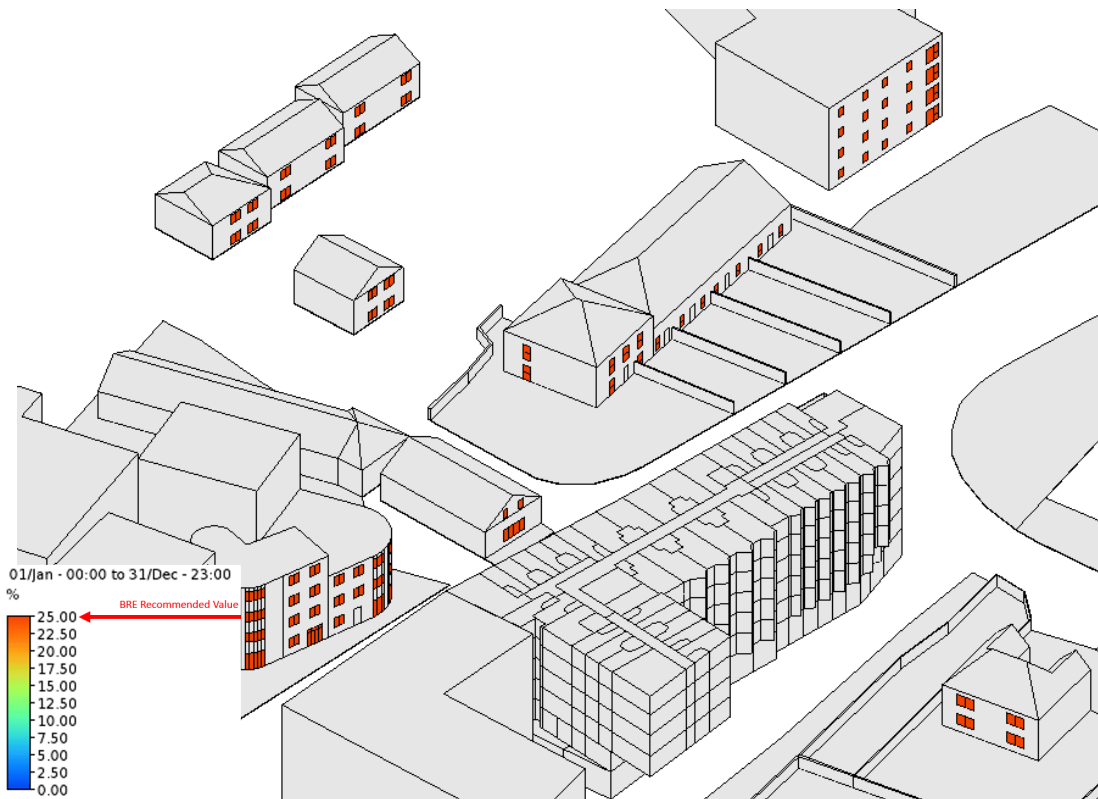
“If a living room of an existing dwelling has a main window facing within 90o of due south, and any part of a new development subtends an angle of more than 25o to the horizontal measured from the centre of the window in a vertical section perpendicular to the window, then the sun lighting of the existing dwelling may be adversely affected.”

It should be noted that windows that are more than 90o from due south are not expected to achieve the criteria outlined in the BRE Guide and so should not be considered as part of the annual probable sunlight analysis.

As shown, the only windows facing within 90o of due south that could be affected by the proposed development are those of surrounding blocks 4, 5, 6, 7, 8, and 9. For that reason, the annual probable sunlight hours of the other windows (not within 90o of due south) were not assessed as they are not expected to achieve the benchmark level of sunlight according to BRE Guidance.

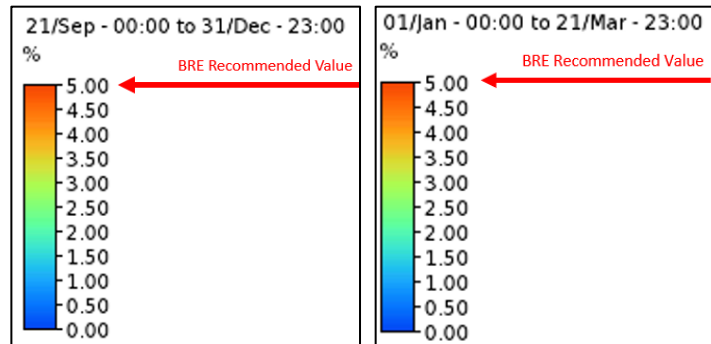


Above: The image above shows windows of surrounding blocks 2, 3, 4, 5, 6, 7, 8 and 9 achieving as least 25% of their annual probable sunlight hours (highlighted in red) meaning these spaces will appear reasonably sunlit in line with BRE 209 guidance.

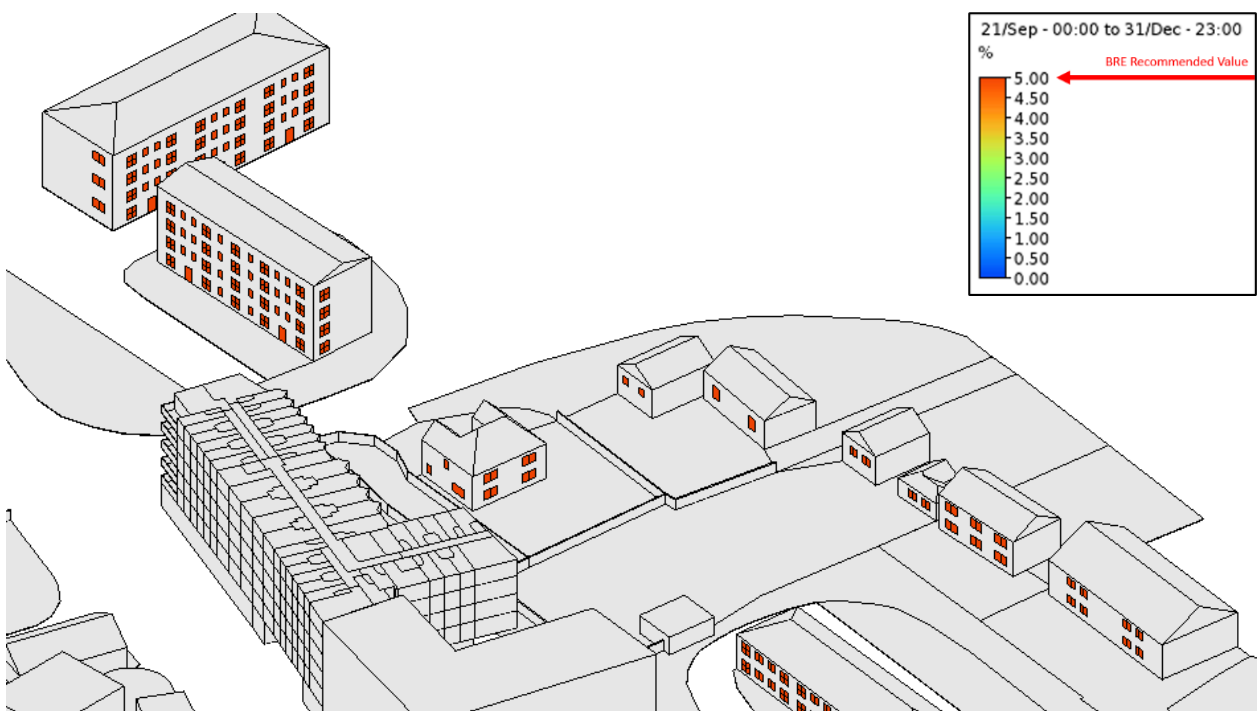


Above: The image above shows windows of surrounding blocks 1, 9, 10, 11, 12, 13 and 14 achieving as least 25% of their annual probable sunlight hours (highlighted in red) meaning these spaces will appear reasonably sunlit in line with BRE 209 guidance.

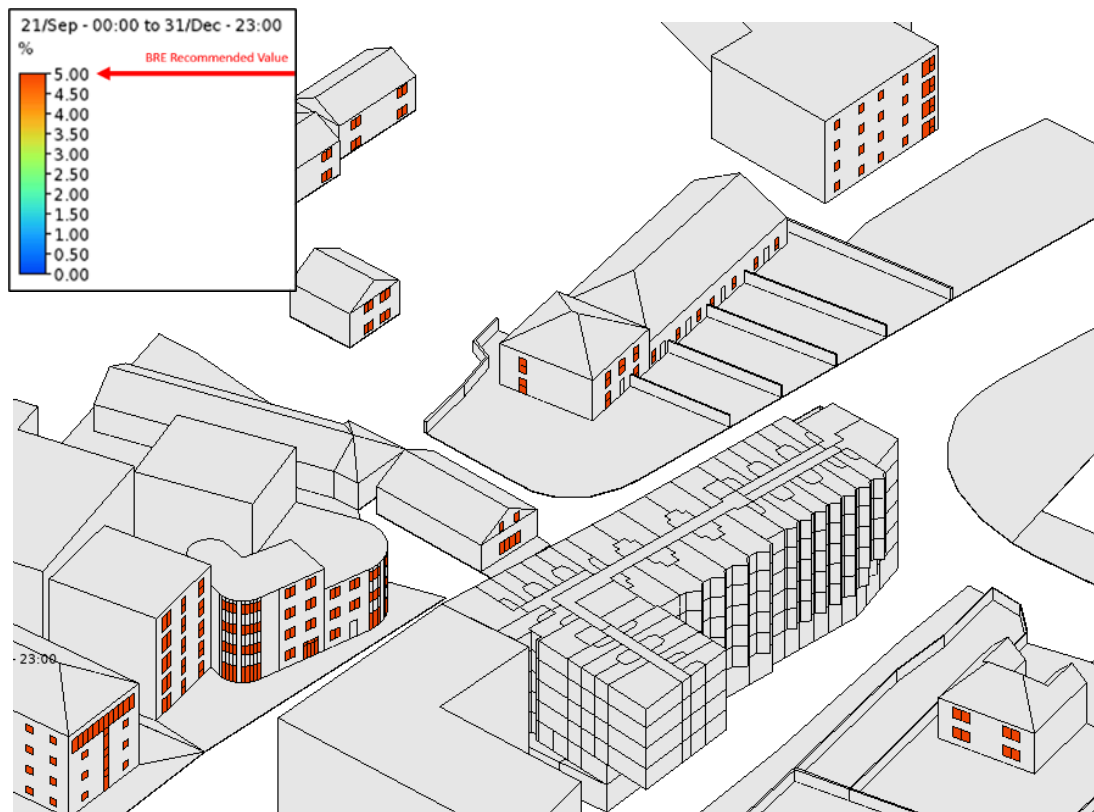
Annual Probable Sunlight Hours – Surrounding Buildings: Winter Assessment



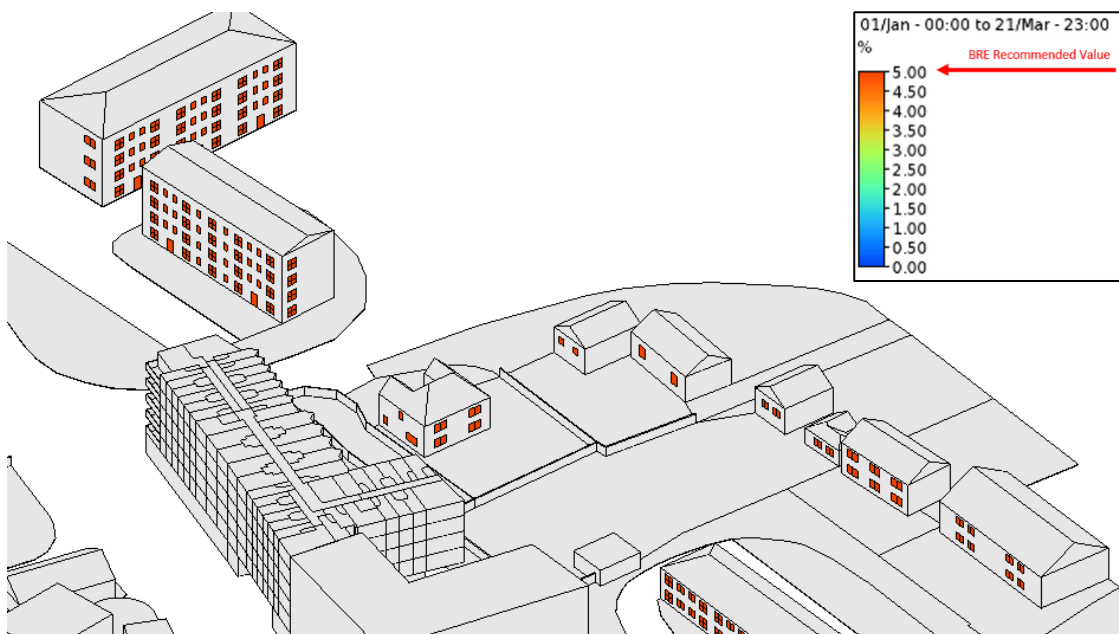
Above: Probable sunlight hours from September 21st to December and January 1st to March 21st (%)
legend



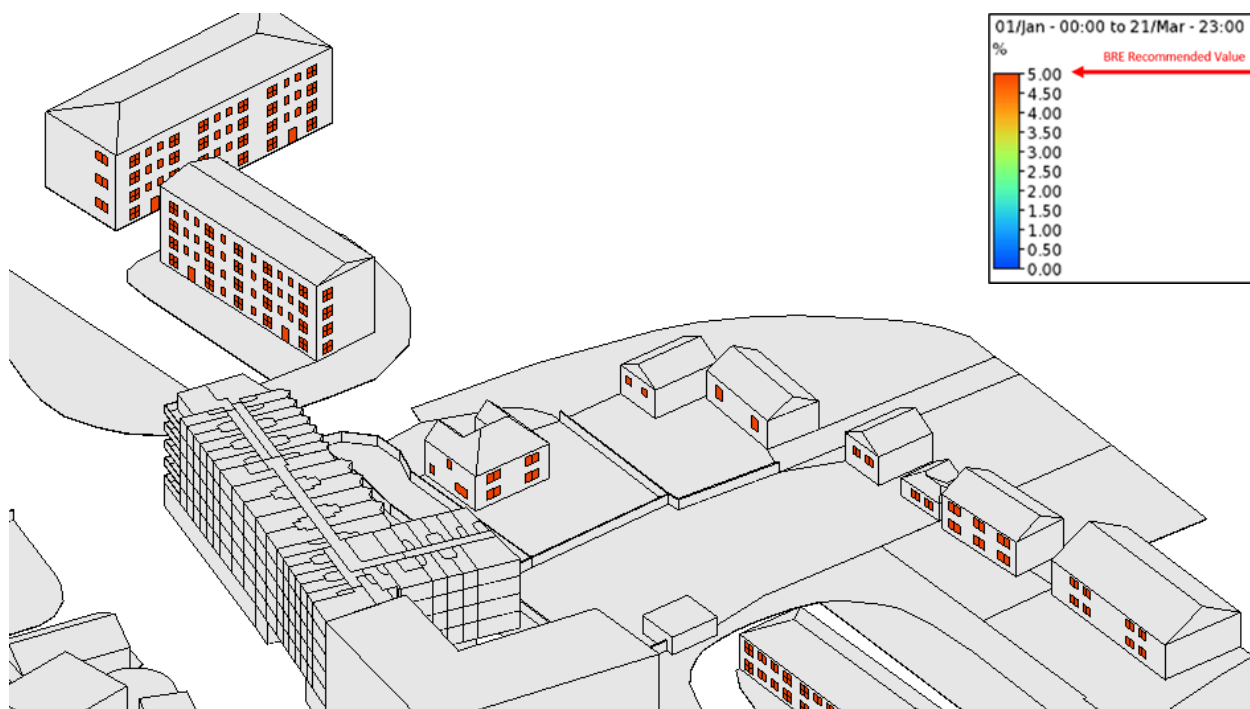
Above: The image above shows windows of surrounding blocks 2, 3, 4, 5, 6, 7, 8 and 9 achieving as least 5% of their annual probable sunlight hours (highlighted in red) meaning these spaces will appear reasonably sunlit in line with BRE 209 guidance.



Above: The image above shows windows of surrounding blocks 1, 9, 10, 11, 12, 13 and 14 achieving as least 5% of their annual probable sunlight hours (highlighted in red) meaning these spaces will appear reasonably sunlit in line with BRE 209 guidance.



Above: The image above shows windows of surrounding blocks 2, 3, 4, 5, 6, 7, 8 and 9 achieving as least 5% of their annual probable sunlight hours (highlighted in red) meaning these spaces will appear reasonably sunlit in line with BRE 209 guidance.



Above: The image above shows windows of surrounding blocks 2, 3, 4, 5, 6, 7, 8 and 9 achieving as least 5% of their annual probable sunlight hours (highlighted in red) meaning these spaces will appear reasonably sunlit in line with BRE 209 guidance.

10. COMPENSATORY MEASURES

Of all the rooms assessed for daylight, every space assessed meets the daylight requirements of BR209:2011 (recently updated BRE Guide), BR209:2022 (latest BRE Guide), EN17037 and BS EN17037 with the exception of some bedrooms and living spaces. This is due to a number of factors, including:

There are a number of compensatory measures that exist for these areas, including:

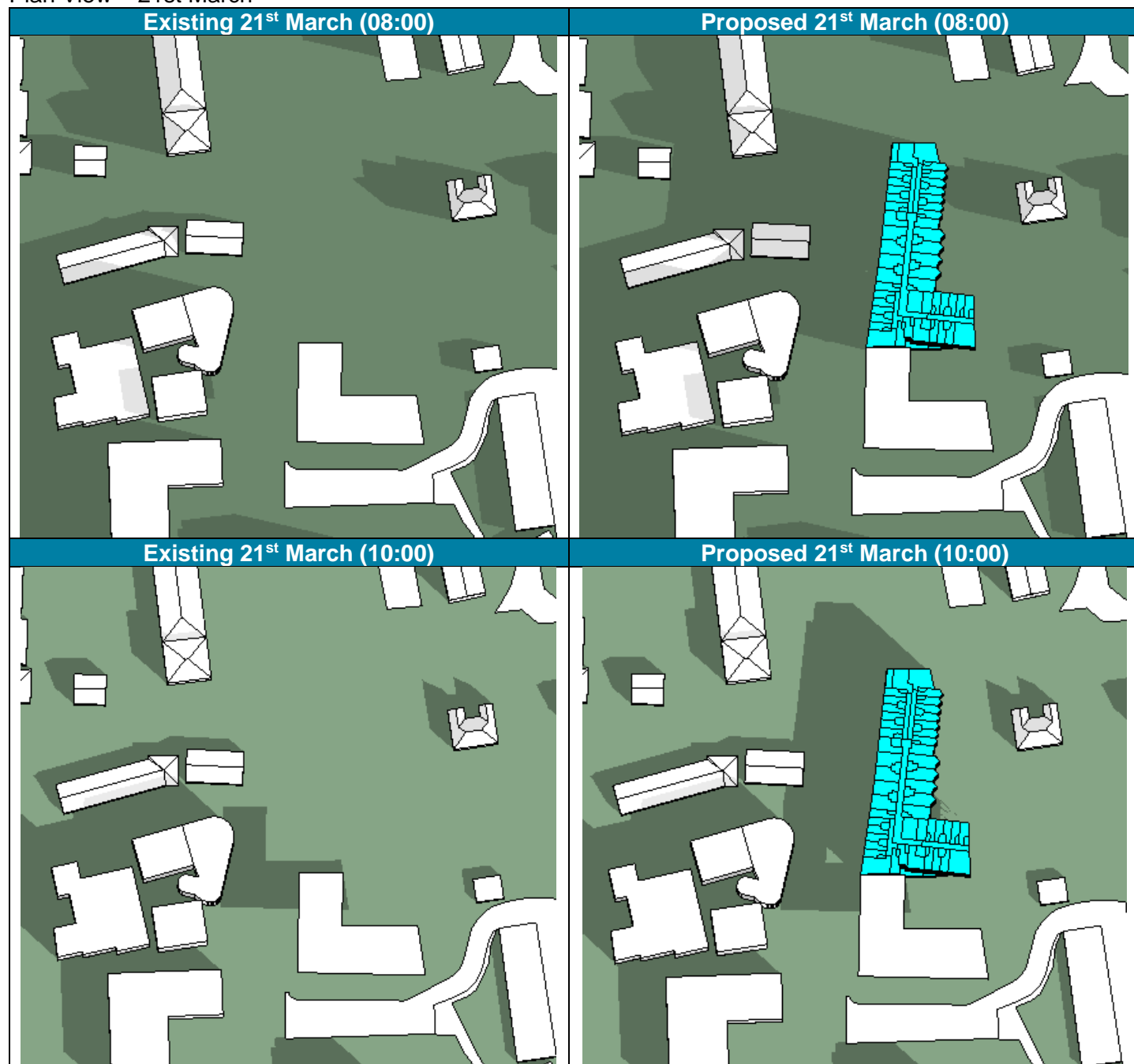
Additional features which would contribute to the attractiveness of the proposed apartments include the proximity to essential services as well as the favourable location relative to retail and recreational destinations.

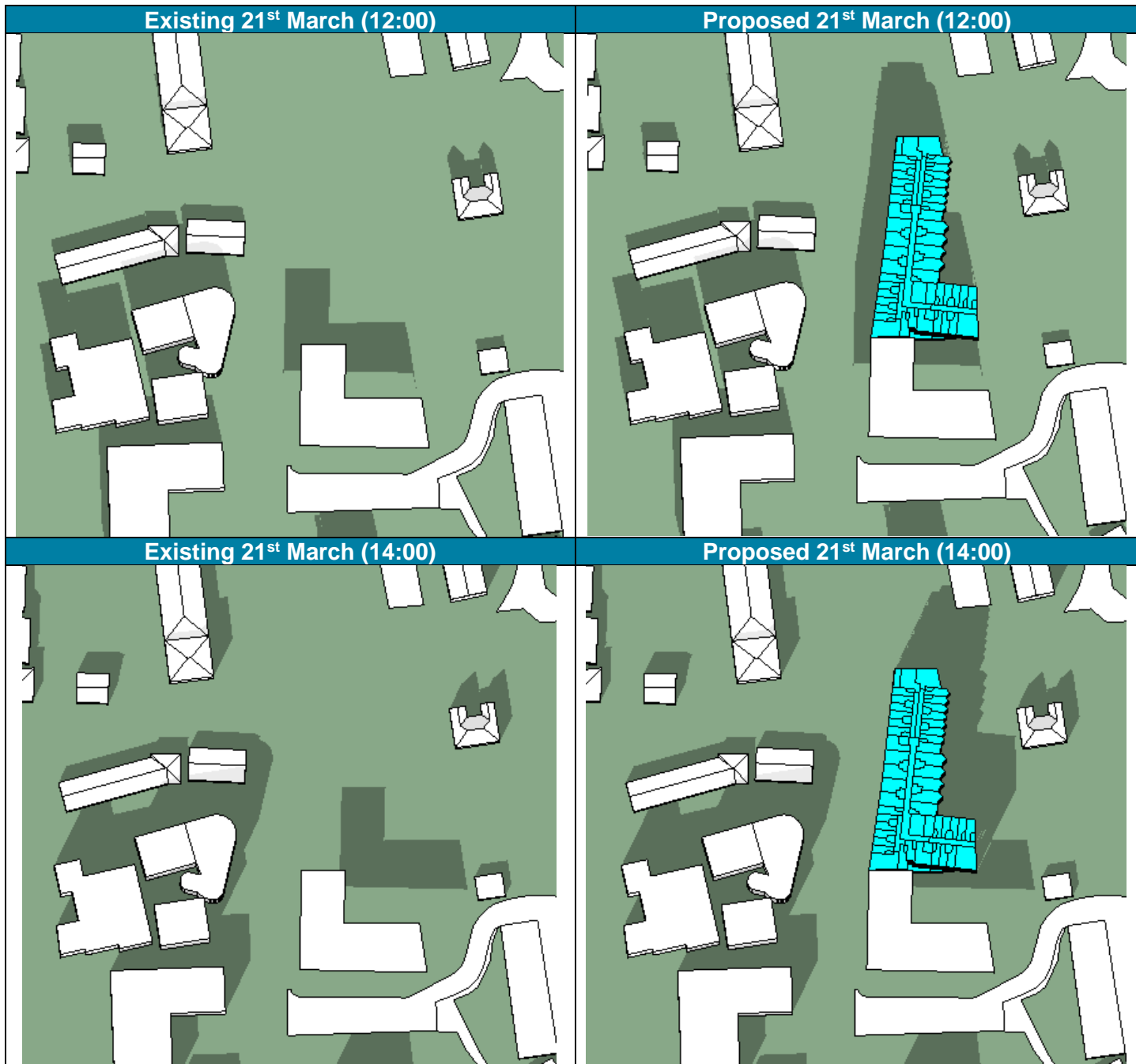
- Occupants would also have access to high levels of sunlight amenity within a number of outdoor recreation spaces which are proposed at ground and roof level.
- To the extent that sunlight is relied upon to provide passive solar heating, this reliance is significantly offset by the low u-values which are proposed for the building fabric.
- The wider scheme has been designed to a high standard with high quality internal finishes and external landscaping envisaged.

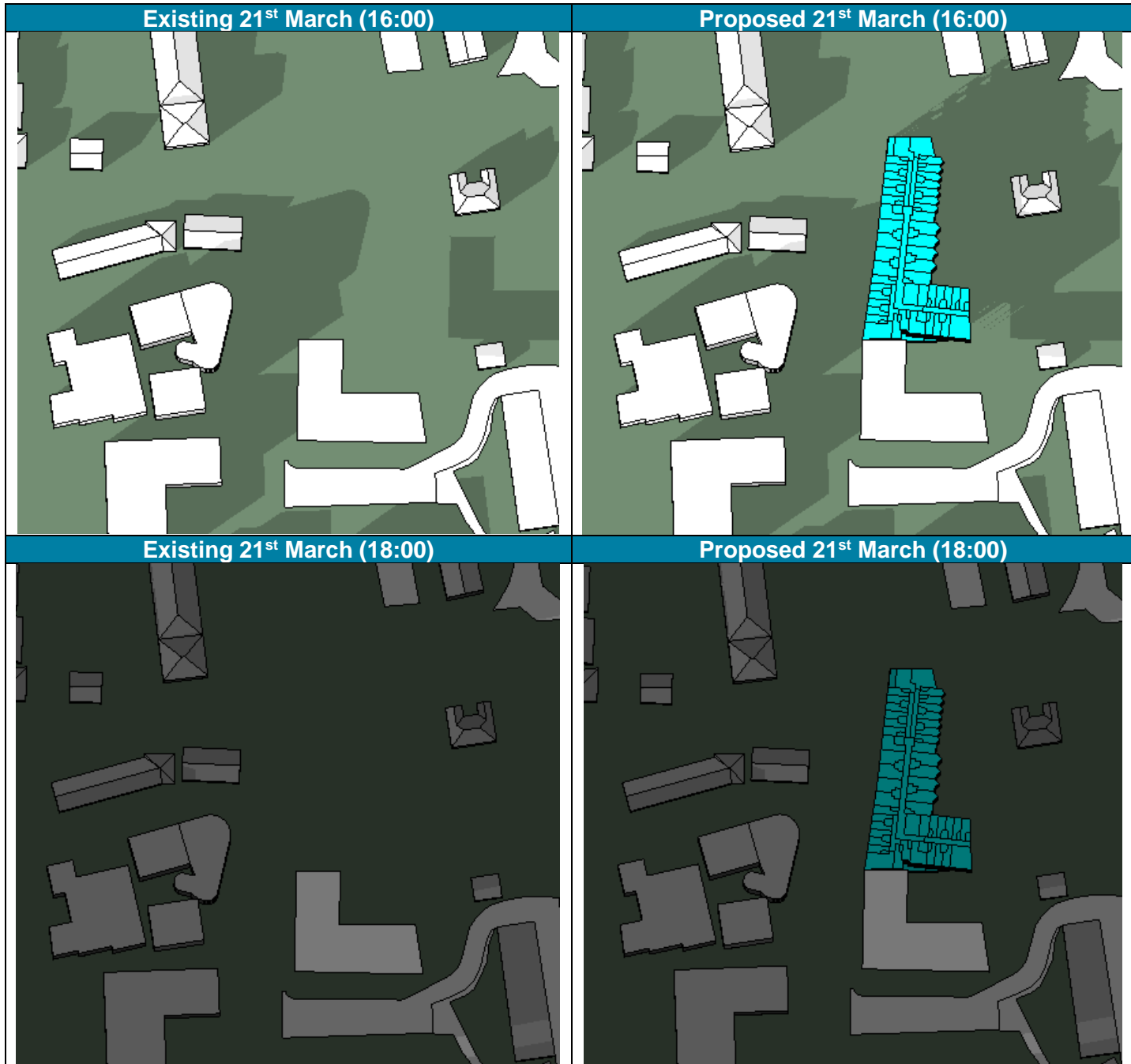
APPENDIX A | OVERSHADOWING IMAGES

Plan View Images

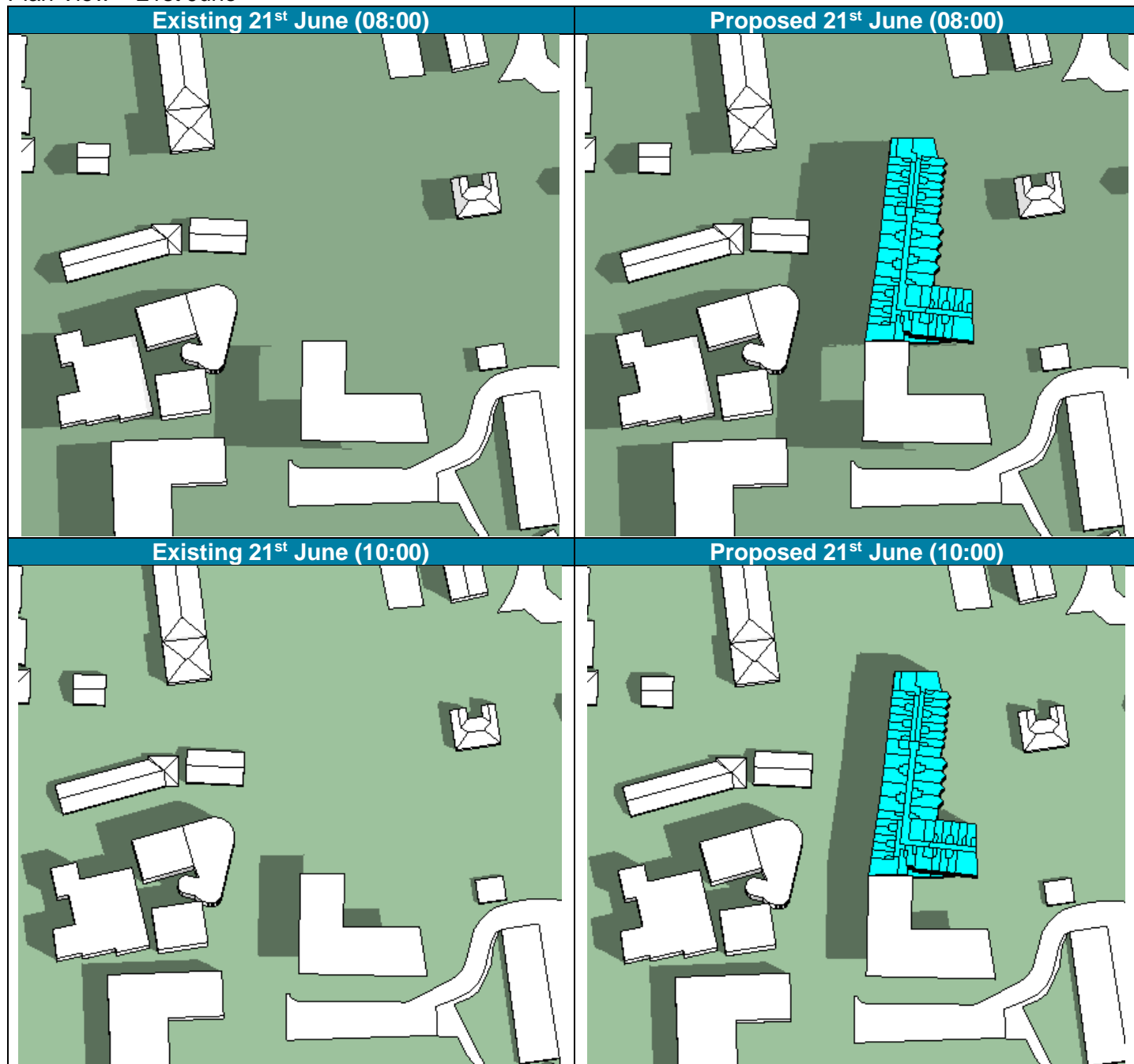
Plan View – 21st March

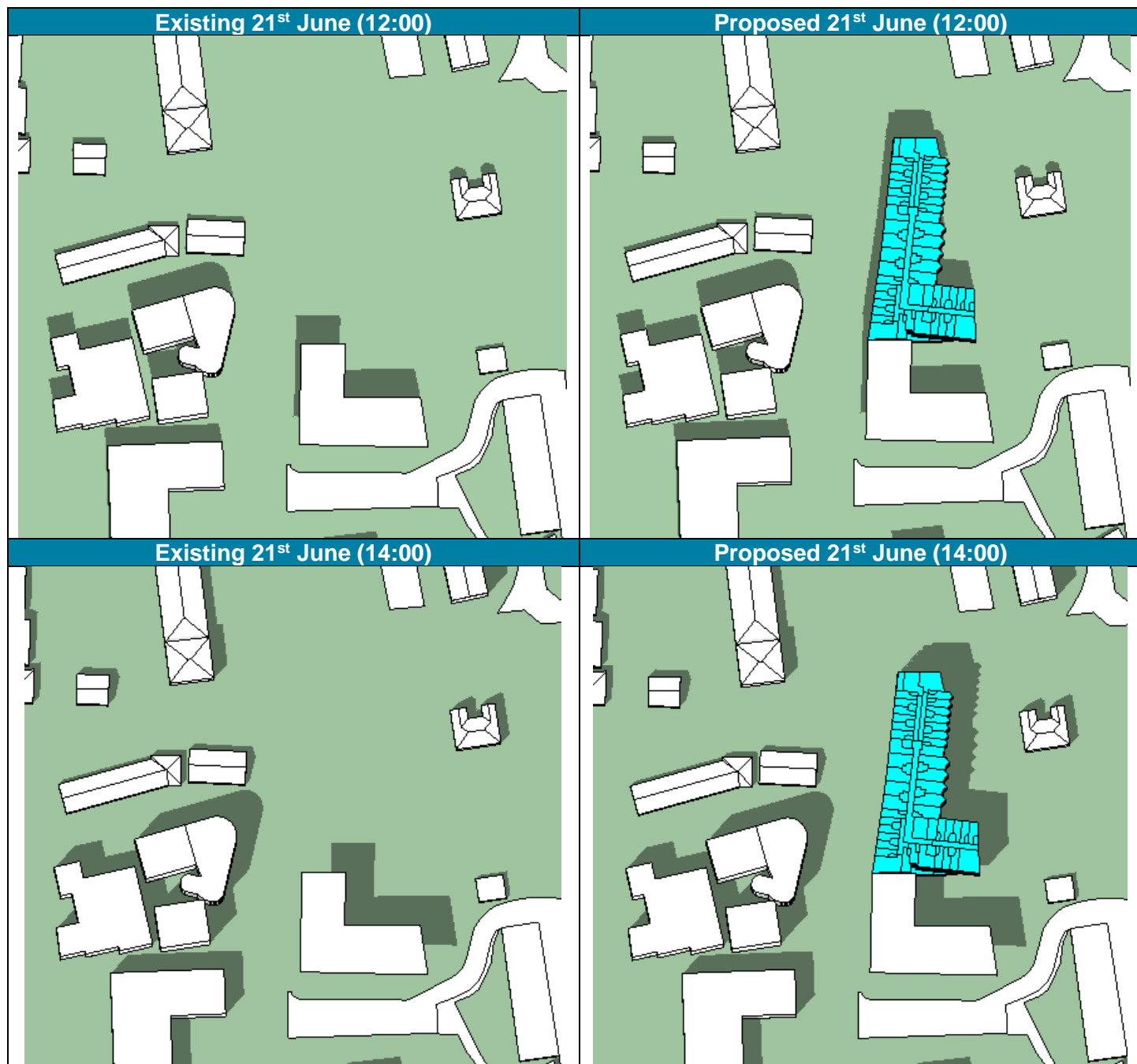


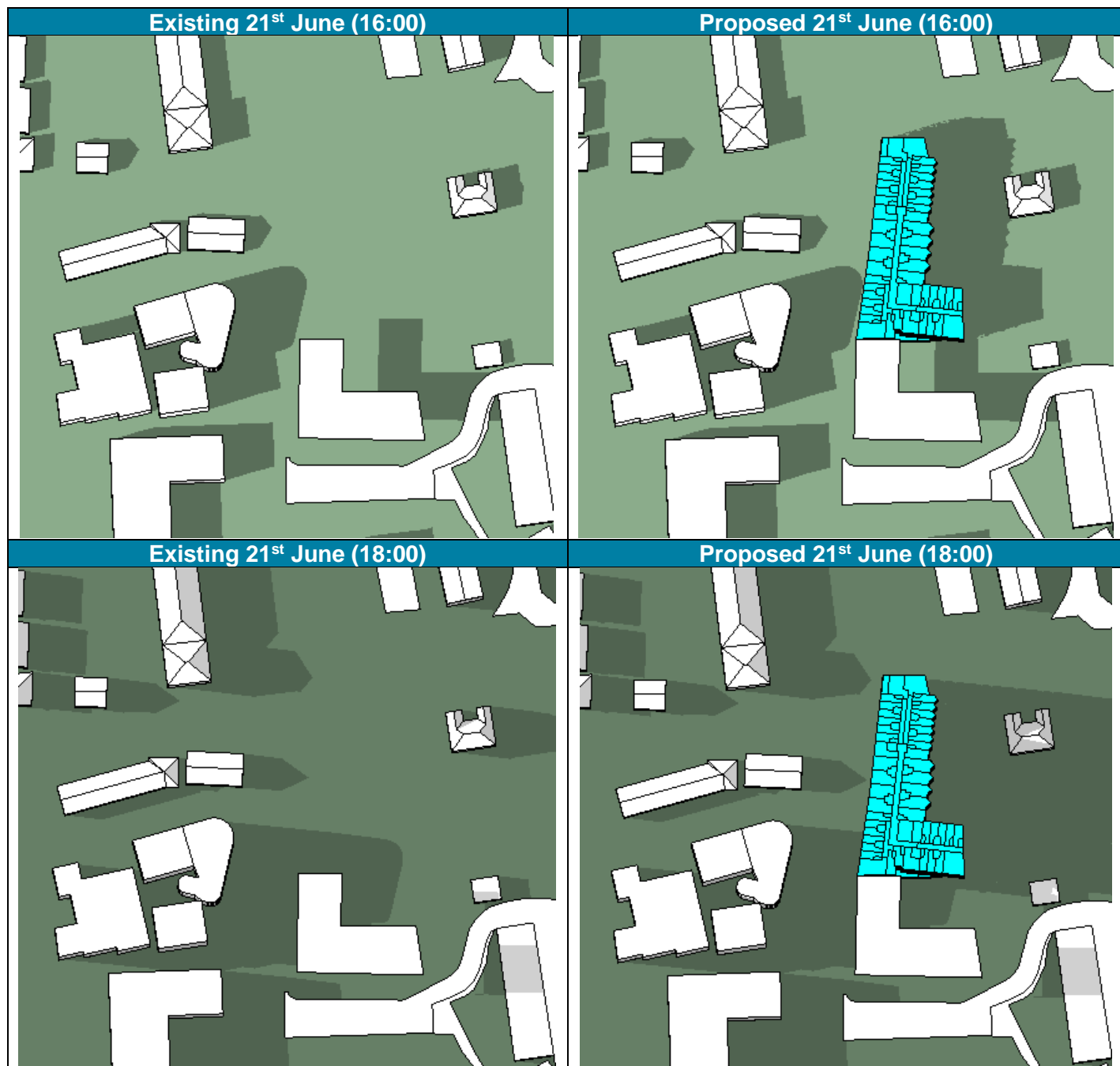




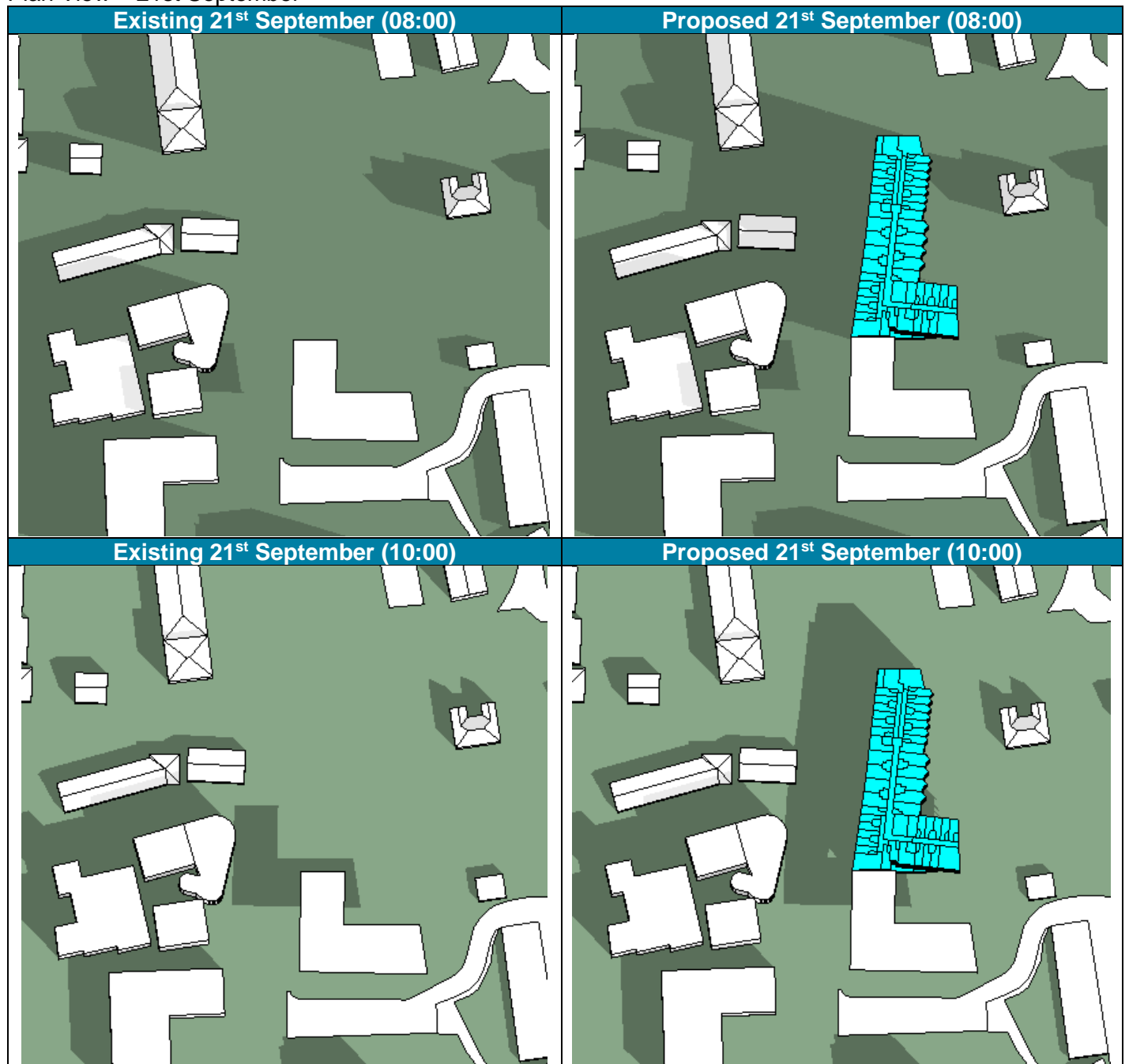
Plan View – 21st June

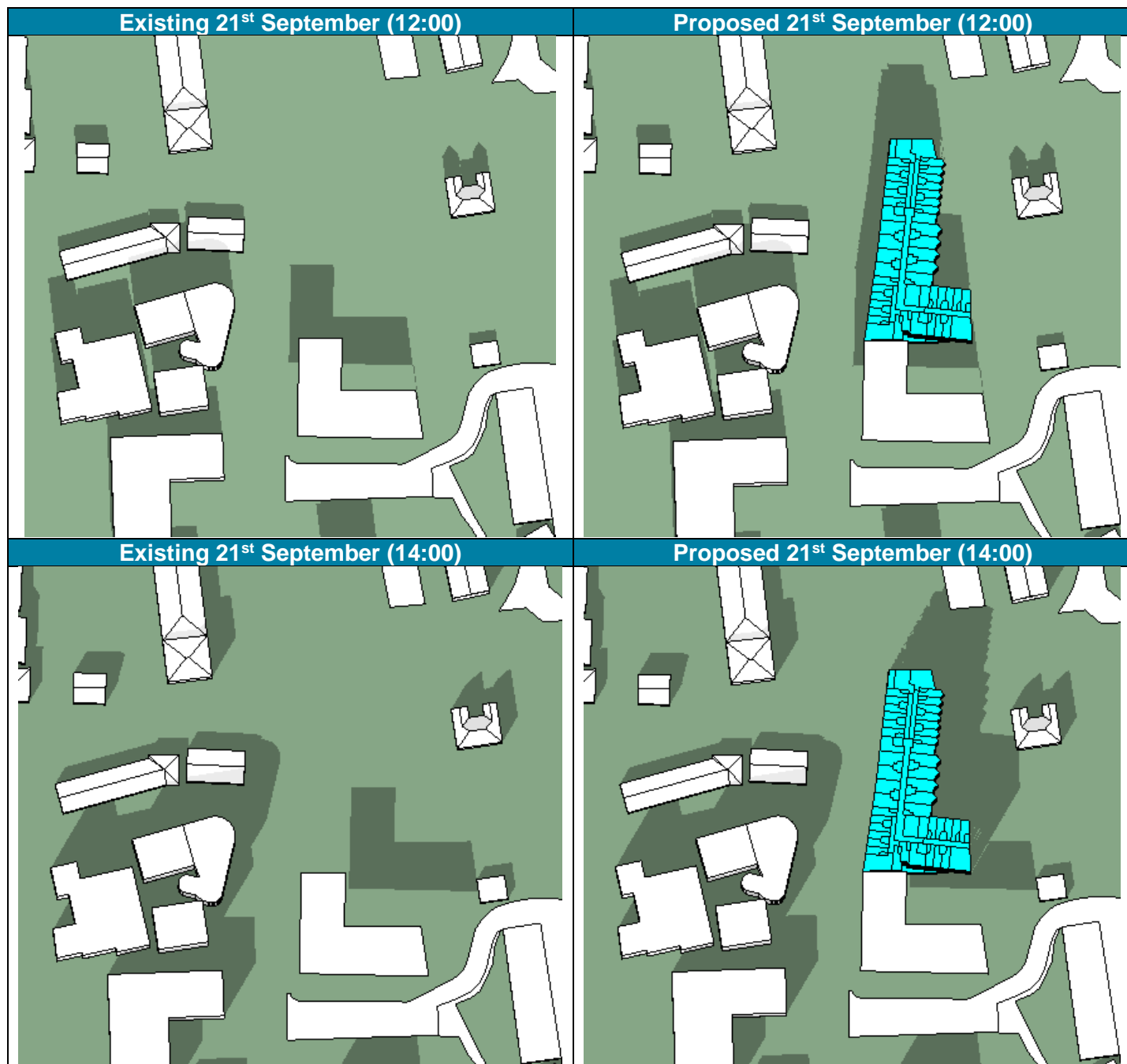






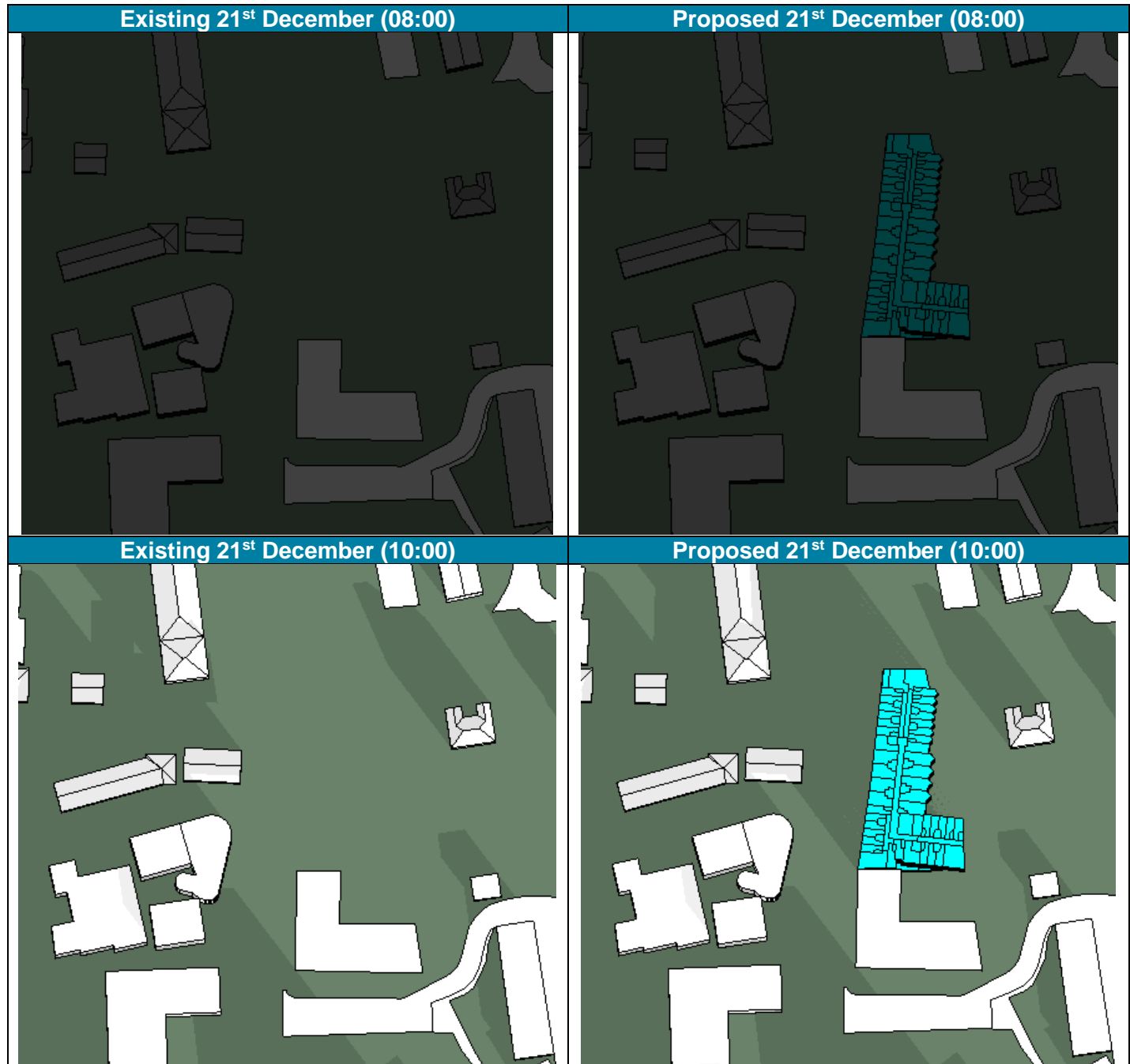
Plan View – 21st September

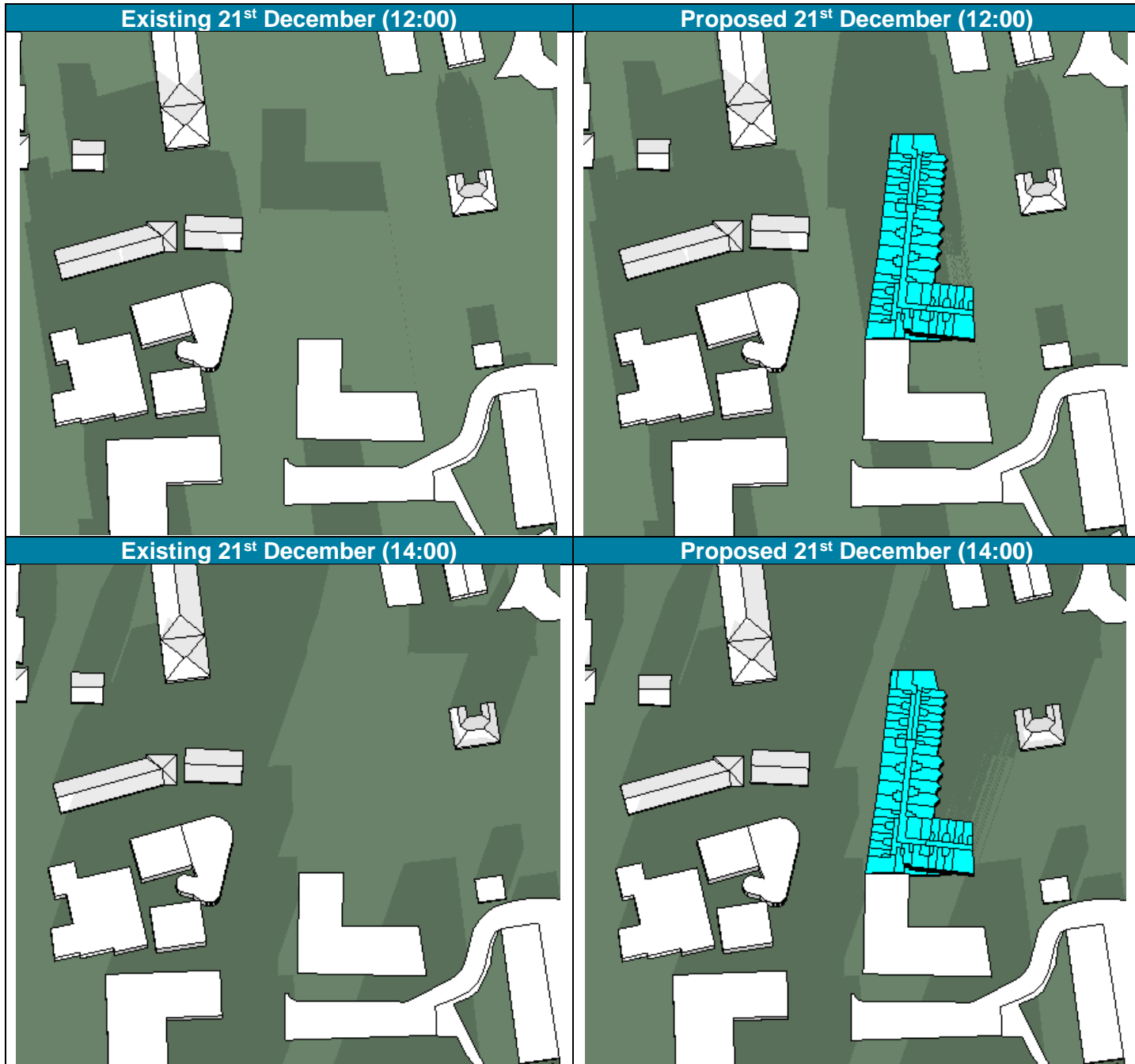


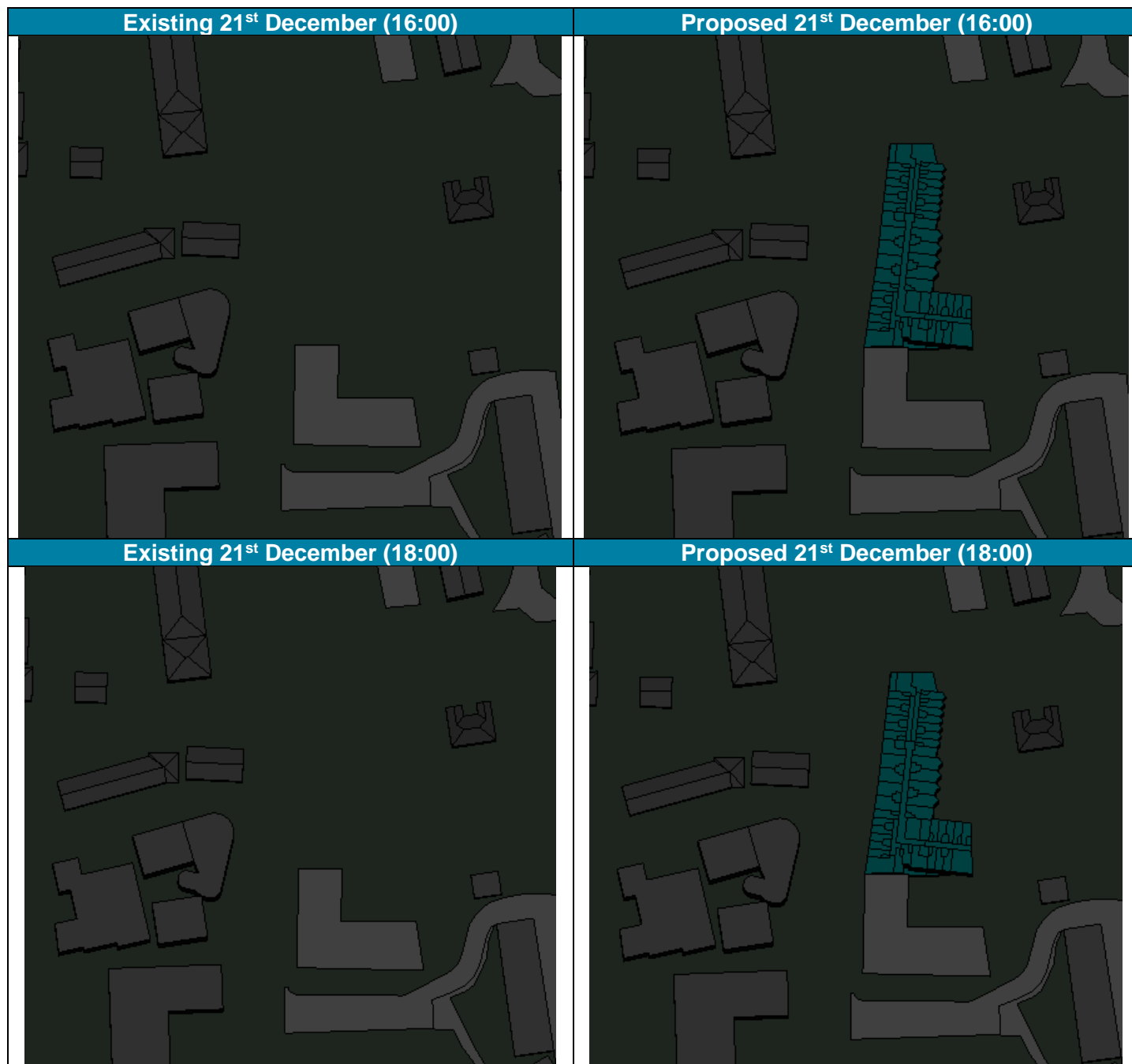




Plan View – 21st December







APPENDIX B | VERTICAL SKY COMPONENT RESULTS

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
1	19 Victoria Village	4	0	36.52	36.68	Pass	99.56
2	19 Victoria Village	4	1	36.51	36.7	Pass	99.48
3	19 Victoria Village	4	2	34.71	34.53	Pass	100.52
4	19 Victoria Village	4	3	34.74	34.56	Pass	100.52
5	19 Victoria Village	4	4	36.06	35.74	Pass	100.90
6	19 Victoria Village	4	5	36.17	36	Pass	100.47
7	19 Victoria Village	4	6	33.78	32.91	Pass	102.64
8	19 Victoria Village	4	7	33.64	32.5	Pass	103.51
9	20 Victoria Village	4	0	36.19	36.1	Pass	100.25
10	20 Victoria Village	4	1	36.23	36.12	Pass	100.30
11	20 Victoria Village	4	2	34.59	34.15	Pass	101.29
12	20 Victoria Village	4	3	34.53	34.11	Pass	101.23
13	20 Victoria Village	4	4	36.07	36.15	Pass	99.78
14	20 Victoria Village	4	5	36.04	36.09	Pass	99.86
15	20 Victoria Village	4	6	34.27	33.65	Pass	101.84
16	20 Victoria Village	4	7	34.25	33.51	Pass	102.21
17	18 Victoria Village	4	0	35.71	35.39	Pass	100.90
18	18 Victoria Village	4	1	35.43	35.21	Pass	100.62
19	18 Victoria Village	4	2	35.66	35.33	Pass	100.93
20	18 Victoria Village	4	3	35.48	35.25	Pass	100.65
21	18 Victoria Village	4	4	32.47	31.7	Pass	102.43
22	18 Victoria Village	4	5	32.44	31.66	Pass	102.46
23	18 Victoria Village	4	6	32.07	31.7	Pass	101.17
24	18 Victoria Village	4	7	32.56	31.82	Pass	102.33
25	Sunbrae	4	0	34.56	35.85	Pass	96.40
26	Sunbrae	4	1	34.76	36.27	Pass	95.84
27	Sunbrae	4	2	34.51	35.92	Pass	96.07
28	Sunbrae	4	3	34.77	36.25	Pass	95.92
29	Sunbrae	4	4	32.05	33.38	Pass	96.02
30	Sunbrae	4	5	32.08	33.25	Pass	96.48
31	Sunbrae	4	6	32.12	33.49	Pass	95.91
32	Sunbrae	4	7	32.07	33.15	Pass	96.74
33	Pilates	4	0	19.13	35.72	Fail	53.56
34	Pilates	4	1	19.53	35.78	Fail	54.58
35	Pilates	4	2	19.76	36.07	Fail	54.78
36	Pilates	4	3	19.87	36.12	Fail	55.01
37	Victoria Cross Road	4	0	23.81	26.09	Pass2	91.26

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
38	Victoria Cross Road	4	1	23.32	26.14	Pass2	89.21
39	Victoria Cross Road	4	2	21.51	23.54	Pass2	91.38
40	Victoria Cross Road	4	3	22.19	24.87	Pass2	89.22
41	Victoria Cross Road	4	4	16.12	16.91	Pass2	95.33
42	Victoria Cross Road	4	5	15.29	16.22	Pass2	94.27
43	Victoria Cross Road	4	6	17.27	18.37	Pass2	94.01
44	Victoria Cross Road	4	7	17.93	18.68	Pass2	95.99
45	Victoria Cross Road	4	8	24.91	27.11	Pass2	91.88
46	Victoria Cross Road	4	9	23.82	26.59	Pass2	89.58
47	Victoria Cross Road	4	10	26.53	28.58	Pass2	92.83
48	Victoria Cross Road	4	11	26.82	28.6	Pass2	93.78
49	Victoria Cross Road	4	12	29.53	31.43	Pass	93.95
50	Victoria Cross Road	4	13	29.6	31.41	Pass	94.24
51	Victoria Cross Road	4	14	27.03	29.17	Pass	92.66
52	Victoria Cross Road	4	15	28.46	30.42	Pass	93.56
53	Victoria Cross Road	4	16	20.6	21.46	Pass2	95.99
54	Victoria Cross Road	4	17	19.72	20.3	Pass2	97.14
55	Victoria Cross Road	4	18	35.15	36.68	Pass	95.83
56	Victoria Cross Road	4	19	35.95	37.1	Pass	96.90
57	Victoria Cross Road	4	20	36.14	36.96	Pass	97.78
58	Victoria Cross Road	4	21	35.37	36.41	Pass	97.14
59	Victoria Cross Road	4	22	35.6	36.37	Pass	97.88
60	Victoria Cross Road	4	23	35.64	36.34	Pass	98.07
61	Victoria Cross Road	4	24	33.08	34.17	Pass	96.81
62	Victoria Cross Road	4	25	33	34.13	Pass	96.69
63	Victoria Cross Road	4	26	31.41	32.72	Pass	96.00
64	Victoria Cross Road	4	27	32.79	34.29	Pass	95.63
65	Victoria Cross Road	4	28	28.34	28.81	Pass	98.37
66	Victoria Cross Road	4	29	24.27	24.91	Pass2	97.43
67	College Accommodation	3	0	16.36	16.31	Pass2	100.31
68	College Accommodation	3	1	10.49	9.83	ass2	106.71
69	College Accommodation	3	2	6.57	7.12	ass2	92.28
70	College Accommodation	3	3	26.33	26.23	Pass2	100.38
71	College Accommodation	3	4	26.02	26.44	Pass2	98.41
72	College Accommodation	3	5	7.02	6.56	ass2	107.01
73	College Accommodation	3	6	10.57	10.6	Pass2	99.72
74	College Accommodation	3	7	16.61	16.18	Pass2	102.66
75	College Accommodation	3	8	17.84	17.56	Pass2	101.59
76	College Accommodation	3	9	12.04	12.12	Pass2	99.34

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
77	College Accommodation	3	10	8.09	8.23	ass2	98.30
78	College Accommodation	3	11	26.02	26.12	Pass2	99.62
79	College Accommodation	3	12	26.27	26.34	Pass2	99.73
80	College Accommodation	3	13	7.59	7.59	ass2	100.00
81	College Accommodation	3	14	10.58	10.85	Pass2	97.51
82	College Accommodation	3	15	17.09	16.9	Pass2	101.12
83	College Accommodation	3	16	18.14	18.58	Pass2	97.63
84	College Accommodation	3	17	13.44	14.07	Pass2	95.52
85	College Accommodation	3	18	10.64	12.14	Pass2	87.64
86	College Accommodation	3	19	25.22	26.28	Pass2	95.97
87	College Accommodation	3	20	28.62	29.1	Pass	98.35
88	College Accommodation	3	21	15.6	16.66	Pass2	93.64
89	College Accommodation	3	22	17.91	19.47	Pass2	91.99
90	College Accommodation	3	23	22.39	23.2	Pass2	96.51
91	College Accommodation	3	24	15.79	16.33	Pass2	96.69
92	College Accommodation	3	25	11.34	11.26	Pass2	100.71
93	College Accommodation	3	26	8.18	8.68	ass2	94.24
94	College Accommodation	3	27	24.25	24.25	Pass2	100.00
95	College Accommodation	3	28	24.92	24.79	Pass2	100.52
96	College Accommodation	3	29	7.7	8.08	ass2	95.30
97	College Accommodation	3	30	11.25	11.06	Pass2	101.72
98	College Accommodation	3	31	16.08	16.01	Pass2	100.44
99	College Accommodation	4	0	28.16	28.7	Pass	98.12
100	College Accommodation	4	1	30.14	30.95	Pass	97.38
101	College Accommodation	4	2	32.67	32.99	Pass	99.03
102	College Accommodation	4	3	33.68	34.17	Pass	98.57
103	College Accommodation	4	4	31.86	32.07	Pass	99.35
104	College Accommodation	4	5	29.43	30.1	Pass	97.77
105	College Accommodation	4	6	28.32	29.06	Pass	97.45
106	College Accommodation	4	7	30.52	31.07	Pass	98.23
107	College Accommodation	4	8	34.98	34.97	Pass	100.03
108	College Accommodation	4	9	33.16	33.19	Pass	99.91
109	College Accommodation	4	10	35.07	35.05	Pass	100.06
110	College Accommodation	4	11	34.98	35.21	Pass	99.35
111	College Accommodation	4	12	35.3	35.72	Pass	98.82
112	College Accommodation	4	13	35.13	35.41	Pass	99.21
113	College Accommodation	4	14	35.62	35.78	Pass	99.55
114	College Accommodation	4	15	35.48	35.74	Pass	99.27
115	College Accommodation	4	16	34.42	34.83	Pass	98.82

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
116	College Accommodation	4	17	34.73	34.91	Pass	99.48
117	College Accommodation	4	18	34.39	34.97	Pass	98.34
118	College Accommodation	4	19	34.47	34.94	Pass	98.65
119	College Accommodation	4	20	34.21	34.77	Pass	98.39
120	College Accommodation	4	21	33.92	34.01	Pass	99.74
121	College Accommodation	4	22	31.8	32.03	Pass	99.28
122	College Accommodation	4	23	29.21	30.04	Pass	97.24
123	College Accommodation	5	0	34.22	34.39	Pass	99.51
124	College Accommodation	5	1	32.4	32.08	Pass	101.00
125	College Accommodation	5	2	29.73	29.82	Pass	99.70
126	College Accommodation	5	3	36.1	36.2	Pass	99.72
127	College Accommodation	5	4	35.56	35.63	Pass	99.80
128	College Accommodation	5	5	28.04	27.95	Pass	100.32
129	College Accommodation	5	6	30.69	30.85	Pass	99.48
130	College Accommodation	5	7	33.34	33.66	Pass	99.05
131	College Accommodation	5	8	34.53	34.52	Pass	100.03
132	College Accommodation	5	9	24.87	25.12	Pass2	99.00
133	College Accommodation	5	10	27.78	27.69	Pass	100.33
134	College Accommodation	5	11	31.6	31.62	Pass	99.94
135	College Accommodation	5	12	25.94	25.87	Pass2	100.27
136	College Accommodation	5	13	22.63	22.22	Pass2	101.85
137	College Accommodation	5	14	20.23	20.36	Pass2	99.36
138	College Accommodation	5	15	33.22	33.13	Pass	100.27
139	College Accommodation	6	0	24.72	24.76	Pass2	99.84
140	College Accommodation	6	1	22.14	22.04	Pass2	100.45
141	College Accommodation	6	2	20.69	20.48	Pass2	101.03
142	College Accommodation	6	3	31.38	31.2	Pass	100.58
143	College Accommodation	6	4	35.21	35.09	Pass	100.34
144	College Accommodation	6	5	25.34	25.15	Pass2	100.76
145	College Accommodation	6	6	27.61	27.62	Pass	99.96
146	College Accommodation	6	7	31.16	31.26	Pass	99.68
147	College Accommodation	6	8	35.88	36	Pass	99.67
148	College Accommodation	6	9	28.18	28	Pass	100.64
149	College Accommodation	6	10	30.78	30.72	Pass	100.20
150	College Accommodation	6	11	33.63	33.6	Pass	100.09
151	College Accommodation	6	12	34.55	34.39	Pass	100.47
152	College Accommodation	6	13	32.29	32.18	Pass	100.34
153	College Accommodation	6	14	29.62	29.78	Pass	99.46
154	College Accommodation	6	15	36.25	36.64	Pass	98.94

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
155	College Accommodation	6	16	36.41	36.68	Pass	99.26
156	College Accommodation	6	17	30.42	30.04	Pass	101.26
157	College Accommodation	6	18	32.46	32.51	Pass	99.85
158	College Accommodation	6	19	34.45	34.56	Pass	99.68
159	College Accommodation	6	20	35.9	36.11	Pass	99.42
160	College Accommodation	6	21	29.86	29.98	Pass	99.60
161	College Accommodation	6	22	32.14	31.75	Pass	101.23
162	College Accommodation	6	23	34.11	34.21	Pass	99.71
163	Farranlea	8	0	36.96	37.02	Pass	99.84
164	Farranlea	8	1	35.49	35.41	Pass	100.23
165	Farranlea	8	2	33.62	33.74	Pass	99.64
166	Farranlea	8	3	38.08	37.95	Pass	100.34
167	Farranlea	8	4	38.85	38.88	Pass	99.92
168	Farranlea	8	5	33.42	33.11	Pass	100.94
169	Farranlea	8	6	35.13	34.99	Pass	100.40
170	Farranlea	8	7	38.06	37.93	Pass	100.34
171	Farranlea	8	8	36.63	36.7	Pass	99.81
172	Farranlea	8	9	39.07	38.95	Pass	100.31
173	Farranlea	9	0	21.4	21.43	Pass2	99.86
174	Farranlea	9	1	19.39	19.43	Pass2	99.79
175	Farranlea	9	2	17.7	17.52	Pass2	101.03
176	Farranlea	9	3	24.53	24.27	Pass2	101.07
177	Farranlea	9	4	30.74	30.57	Pass	100.56
178	Farranlea	10	0	24.18	24.41	Pass2	99.06
179	Farranlea	10	1	22.87	22.81	Pass2	100.26
180	Farranlea	10	2	21.66	21.77	Pass2	99.49
181	Farranlea	10	3	26.18	26.06	Pass2	100.46
182	Farranlea	10	4	33.88	34.09	Pass	99.38
183	Farranlea	10	5	27.47	27.77	Pass	98.92
184	Farranlea	10	6	29.78	29.66	Pass	100.40
185	Farranlea	10	7	31.49	31.55	Pass	99.81
186	Farranlea	10	8	36.37	36.36	Pass	100.03
187	Farranlea	10	9	30.72	30.53	Pass	100.62
188	Farranlea	10	10	32.63	32.18	Pass	101.40
189	Farranlea	10	11	34.46	34.34	Pass	100.35
190	Farranlea	10	12	37.97	38.07	Pass	99.74
191	Farranlea	10	13	36.98	37.07	Pass	99.76
192	Farranlea	10	14	31.33	31.13	Pass	100.64
193	Farranlea	10	15	34.45	34.68	Pass	99.34

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
194	Farranlea	10	16	33.18	32.87	Pass	100.94
195	Farranlea	10	17	31.31	31.43	Pass	99.62
196	Farranlea	10	18	36.55	36.71	Pass	99.56
197	Farranlea	10	19	35.3	35.19	Pass	100.31
198	Farranlea	10	20	29.53	29.3	Pass	100.78
199	Farranlea	10	21	31.29	30.85	Pass	101.43
200	Farranlea	10	22	33.08	33.1	Pass	99.94
201	Farranlea	10	23	27.64	27.69	Pass	99.82
202	Farranlea	10	24	23.05	22.66	Pass2	101.72
203	Farranlea	10	25	23.98	23.93	Pass2	100.21
204	Farranlea	10	26	25.78	25.7	Pass2	100.31
205	Farranlea	10	27	32.03	32.18	Pass	99.53
206	Farranlea	10	28	37.69	37.6	Pass	100.24
207	Farranlea	10	29	38.18	38.27	Pass	99.76
208	Farranlea	11	0	27	27.09	Pass2	99.67
209	Farranlea	11	1	24.56	24.54	Pass2	100.08
210	Farranlea	11	2	22.71	22.77	Pass2	99.74
211	Farranlea	11	3	30.89	30.47	Pass	101.38
212	Farranlea	11	4	23.28	23.32	Pass2	99.83
213	Farranlea	11	5	18.6	18.76	Pass2	99.15
214	Farranlea	11	6	19.41	19.65	Pass2	98.78
215	Farranlea	11	7	21.05	21.06	Pass2	99.95
216	Farranlea	11	8	29.06	29.04	Pass	100.07
217	Farranlea	11	9	34.97	35.01	Pass	99.89
218	Farranlea	12	0	38.74	38.68	Pass	100.16
219	Farranlea	12	1	38.42	38.39	Pass	100.08
220	Farranlea	12	2	37.61	37.74	Pass	99.66
221	Farranlea	12	3	38.09	38.17	Pass	99.79
222	Farranlea	12	4	37.12	37.31	Pass	99.49
223	Farranlea	12	5	36.63	36.88	Pass	99.32
224	Farranlea	12	6	33.06	32.92	Pass	100.43
225	Farranlea	12	7	33.55	33.53	Pass	100.06
226	Farranlea	12	8	34.87	35.03	Pass	99.54
227	Farranlea	12	9	34.26	34.45	Pass	99.45
228	Farranlea	12	10	35.47	35.6	Pass	99.63
229	Farranlea	12	11	36.14	36.06	Pass	100.22
230	Farranlea	12	12	32.57	32.32	Pass	100.77
231	Farranlea	12	13	31.64	31.79	Pass	99.53
232	Farranlea	12	14	39.06	38.97	Pass	100.23

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
233	Farranlea	12	15	32.19	32.23	Pass	99.88
234	Farranlea	12	16	34.13	34.08	Pass	100.15
235	Farranlea	12	17	37.53	37.65	Pass	99.68
236	Farranlea	12	18	35.95	36.03	Pass	99.78
237	Farranlea	12	19	38.77	38.85	Pass	99.79
238	Farranlea	13	0	31.68	31.45	Pass	100.73
239	Farranlea	13	1	27.83	27.73	Pass	100.36
240	Farranlea	13	2	24.02	23.92	Pass2	100.42
241	Farranlea	13	3	35.5	35.62	Pass	99.66
242	Farranlea	13	4	35.92	35.95	Pass	99.92
243	Farranlea	13	5	25.69	25.82	Pass2	99.50
244	Farranlea	13	6	28.95	29.05	Pass	99.66
245	Farranlea	13	7	32.62	32.62	Pass	100.00
246	Farranlea	13	8	36.08	36	Pass	100.22
247	Farranlea	13	9	27.58	27.3	Pass	101.03
248	Farranlea	13	10	30.4	30.81	Pass	98.67
249	Farranlea	13	11	33.37	33.56	Pass	99.43
250	Farranlea	13	12	37.94	37.97	Pass	99.92
251	Farranlea	13	13	37.99	37.93	Pass	100.16
252	Farranlea	13	14	37.97	37.91	Pass	100.16
253	HSE Wilton Road	2	0	33.78	34.1	Pass	99.06
254	HSE Wilton Road	2	1	33.72	34	Pass	99.18
255	HSE Wilton Road	2	2	33.58	33.46	Pass	100.36
256	HSE Wilton Road	2	3	33.03	33.08	Pass	99.85
257	HSE Wilton Road	2	4	33.14	33.17	Pass	99.91
258	HSE Wilton Road	2	5	33.11	33.28	Pass	99.49
259	HSE Wilton Road	2	6	34.07	33.98	Pass	100.26
260	HSE Wilton Road	2	7	34.21	34.06	Pass	100.44
261	HSE Wilton Road	2	8	34.42	34.22	Pass	100.58
262	HSE Wilton Road	2	9	32.61	32.25	Pass	101.12
263	HSE Wilton Road	2	10	32.51	32.16	Pass	101.09
264	HSE Wilton Road	2	11	32.36	32.39	Pass	99.91
265	HSE Wilton Road	2	12	32.78	32.8	Pass	99.94
266	HSE Wilton Road	2	13	32.87	32.91	Pass	99.88
267	HSE Wilton Road	2	14	32.75	32.76	Pass	99.97
268	HSE Wilton Road	2	15	31.47	31.61	Pass	99.56
269	HSE Wilton Road	2	16	31.44	31.57	Pass	99.59
270	HSE Wilton Road	2	17	31.46	31.64	Pass	99.43
271	HSE Wilton Road	2	18	31.55	31.51	Pass	100.13

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
272	HSE Wilton Road	2	19	31.59	31.52	Pass	100.22
273	HSE Wilton Road	2	20	31.9	31.66	Pass	100.76
274	HSE Wilton Road	2	21	32.05	31.83	Pass	100.69
275	HSE Wilton Road	2	22	31.98	31.78	Pass	100.63
276	HSE Wilton Road	2	23	31.76	31.66	Pass	100.32
277	HSE Wilton Road	2	24	32.09	32.12	Pass	99.91
278	HSE Wilton Road	2	25	32.19	32.21	Pass	99.94
279	HSE Wilton Road	2	26	32.02	32.19	Pass	99.47
280	HSE Wilton Road	2	27	32.02	32.02	Pass	100.00
281	HSE Wilton Road	2	28	32	32	Pass	100.00
282	HSE Wilton Road	2	29	31.9	31.72	Pass	100.57
283	HSE Wilton Road	2	30	31.81	31.91	Pass	99.69
284	HSE Wilton Road	2	31	31.77	31.93	Pass	99.50
285	HSE Wilton Road	2	32	31.99	31.87	Pass	100.38
286	HSE Wilton Road	2	33	32.04	31.95	Pass	100.28
287	HSE Wilton Road	2	34	32	31.9	Pass	100.31
288	HSE Wilton Road	2	35	31.86	31.95	Pass	99.72
289	HSE Wilton Road	2	36	31.46	31.84	Pass	98.81
290	HSE Wilton Road	2	37	31.51	31.84	Pass	98.96
291	HSE Wilton Road	2	38	31.56	31.73	Pass	99.46
292	HSE Wilton Road	2	39	31.87	31.66	Pass	100.66
293	HSE Wilton Road	2	40	31.81	31.73	Pass	100.25
294	HSE Wilton Road	2	41	31.58	31.41	Pass	100.54
295	HSE Wilton Road	2	42	33.21	33.03	Pass	100.54
296	HSE Wilton Road	2	43	33.19	33	Pass	100.58
297	HSE Wilton Road	2	44	33.21	32.81	Pass	101.22
298	HSE Wilton Road	2	45	33.07	33.49	Pass	98.75
299	HSE Wilton Road	2	46	33.05	33.47	Pass	98.75
300	HSE Wilton Road	2	47	33.35	33.37	Pass	99.94
301	HSE Wilton Road	2	48	33.58	33.62	Pass	99.88
302	HSE Wilton Road	2	49	33.56	33.63	Pass	99.79
303	HSE Wilton Road	2	50	33.72	33.51	Pass	100.63
304	HSE Wilton Road	2	51	33.6	33.59	Pass	100.03
305	HSE Wilton Road	2	52	33.25	33.45	Pass	99.40
306	HSE Wilton Road	2	53	33.22	33.42	Pass	99.40
307	HSE Wilton Road	2	54	33.61	33.68	Pass	99.79
308	HSE Wilton Road	2	55	33.58	33.62	Pass	99.88
309	HSE Wilton Road	2	56	33.81	33.56	Pass	100.74
310	HSE Wilton Road	2	57	33.55	33.62	Pass	99.79

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
311	HSE Wilton Road	2	58	33.47	33.57	Pass	99.70
312	HSE Wilton Road	2	59	33.35	33.48	Pass	99.61
313	HSE Wilton Road	2	60	33.09	32.99	Pass	100.30
314	HSE Wilton Road	2	61	33.14	33.04	Pass	100.30
315	HSE Wilton Road	2	62	33.33	33.41	Pass	99.76
316	HSE Wilton Road	2	63	33.12	33.08	Pass	100.12
317	HSE Wilton Road	2	64	33.13	33.03	Pass	100.30
318	HSE Wilton Road	2	65	33.01	33.01	Pass	100.00
319	HSE Wilton Road	2	66	33.14	33.24	Pass	99.70
320	HSE Wilton Road	2	67	33.19	33.28	Pass	99.73
321	HSE Wilton Road	2	68	33.05	33.05	Pass	100.00
322	HSE Wilton Road	2	69	34.06	34.32	Pass	99.24
323	HSE Wilton Road	2	70	34.02	34.23	Pass	99.39
324	HSE Wilton Road	2	71	33.94	34.02	Pass	99.76
325	HSE Wilton Road	2	72	33.9	33.79	Pass	100.33
326	HSE Wilton Road	2	73	33.98	33.86	Pass	100.35
327	HSE Wilton Road	2	74	33.79	33.96	Pass	99.50
328	HSE Wilton Road	2	75	35.43	35.54	Pass	99.69
329	HSE Wilton Road	2	76	35.36	35.41	Pass	99.86
330	HSE Wilton Road	2	77	34.99	35.12	Pass	99.63
331	HSE Wilton Road	2	78	34.52	34.44	Pass	100.23
332	HSE Wilton Road	2	79	34.43	34.34	Pass	100.26
333	HSE Wilton Road	2	80	34.46	34.45	Pass	100.03
334	HSE Wilton Road	2	81	34.67	35	Pass	99.06
335	HSE Wilton Road	2	82	35.03	35.03	Pass	100.00
336	HSE Wilton Road	2	83	34.93	34.96	Pass	99.91
337	HSE Wilton Road	2	84	36.14	36.01	Pass	100.36
338	HSE Wilton Road	2	85	36.08	35.93	Pass	100.42
339	HSE Wilton Road	2	86	35.77	35.82	Pass	99.86
340	HSE Wilton Road	2	87	35.41	35.69	Pass	99.22
341	HSE Wilton Road	2	88	35.43	35.74	Pass	99.13
342	HSE Wilton Road	2	89	35.7	35.78	Pass	99.78
343	HSE Wilton Road	2	90	36.24	36.23	Pass	100.03
344	HSE Wilton Road	2	91	36.29	36.27	Pass	100.06
345	HSE Wilton Road	2	92	36.48	36.51	Pass	99.92
346	HSE Wilton Road	2	93	35.29	35.14	Pass	100.43
347	HSE Wilton Road	2	94	35.25	35.1	Pass	100.43
348	HSE Wilton Road	2	95	34.96	35.08	Pass	99.66
349	HSE Wilton Road	2	96	35.24	35.16	Pass	100.23

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
350	HSE Wilton Road	2	97	35.28	35.2	Pass	100.23
351	HSE Wilton Road	2	98	35.33	35.29	Pass	100.11
352	HSE Wilton Road	2	99	34.76	34.53	Pass	100.67
353	HSE Wilton Road	2	100	34.71	34.48	Pass	100.67
354	HSE Wilton Road	2	101	34.72	34.94	Pass	99.37
355	HSE Wilton Road	2	102	34.61	34.78	Pass	99.51
356	HSE Wilton Road	2	103	34.64	34.78	Pass	99.60
357	HSE Wilton Road	2	104	34.7	34.9	Pass	99.43
358	HSE Wilton Road	2	105	34.55	34.88	Pass	99.05
359	HSE Wilton Road	2	106	34.52	34.86	Pass	99.02
360	HSE Wilton Road	2	107	34.83	34.59	Pass	100.69
361	HSE Wilton Road	2	108	34.81	34.79	Pass	100.06
362	HSE Wilton Road	2	109	34.86	34.81	Pass	100.14
363	HSE Wilton Road	2	110	34.8	34.84	Pass	99.89
364	HSE Wilton Road	2	111	35.1	35.13	Pass	99.91
365	HSE Wilton Road	2	112	35.14	35.14	Pass	100.00
366	HSE Wilton Road	2	113	35.38	35.24	Pass	100.40
367	HSE Wilton Road	2	114	34.96	34.84	Pass	100.34
368	HSE Wilton Road	2	115	34.97	34.85	Pass	100.34
369	HSE Wilton Road	2	116	35.05	34.92	Pass	100.37
370	HSE Wilton Road	2	117	35.18	35.09	Pass	100.26
371	HSE Wilton Road	2	118	35.15	35.07	Pass	100.23
372	HSE Wilton Road	2	119	35	35.29	Pass	99.18
373	HSE Wilton Road	2	120	34.98	34.75	Pass	100.66
374	HSE Wilton Road	2	121	34.98	34.73	Pass	100.72
375	HSE Wilton Road	2	122	34.94	34.95	Pass	99.97
376	HSE Wilton Road	2	123	34.98	34.79	Pass	100.55
377	HSE Wilton Road	2	124	34.57	34.78	Pass	99.40
378	HSE Wilton Road	2	125	34.55	34.76	Pass	99.40
379	HSE Wilton Road	2	126	36.03	36.16	Pass	99.64
380	HSE Wilton Road	2	127	36.05	36.14	Pass	99.75
381	HSE Wilton Road	2	128	36.14	36.19	Pass	99.86
382	HSE Wilton Road	2	129	36.3	36.3	Pass	100.00
383	HSE Wilton Road	2	130	36.28	36.31	Pass	99.92
384	HSE Wilton Road	2	131	36.19	36.22	Pass	99.92
385	HSE Wilton Road	2	132	36.4	36.56	Pass	99.56
386	HSE Wilton Road	2	133	36.41	36.57	Pass	99.56
387	HSE Wilton Road	2	134	36.41	36.42	Pass	99.97
388	HSE Wilton Road	2	135	36.39	36.54	Pass	99.59

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
389	HSE Wilton Road	2	136	36.21	36.33	Pass	99.67
390	HSE Wilton Road	2	137	36.26	36.31	Pass	99.86
391	HSE Wilton Road	2	138	36.65	36.74	Pass	99.76
392	HSE Wilton Road	2	139	36.64	36.71	Pass	99.81
393	HSE Wilton Road	2	140	36.66	36.48	Pass	100.49
394	HSE Wilton Road	2	141	36.31	36.4	Pass	99.75
395	HSE Wilton Road	2	142	36.31	36.37	Pass	99.84
396	HSE Wilton Road	2	143	36.13	36.22	Pass	99.75
397	HSE Wilton Road	2	144	36.09	36.21	Pass	99.67
398	HSE Wilton Road	2	145	36.09	36.21	Pass	99.67
399	HSE Wilton Road	2	146	36.1	36.22	Pass	99.67
400	HSE Wilton Road	2	147	36.12	36.08	Pass	100.11
401	HSE Wilton Road	2	148	36.12	36.06	Pass	100.17
402	HSE Wilton Road	2	149	35.97	36.04	Pass	99.81
403	HSE Wilton Road	2	150	36.16	36.11	Pass	100.14
404	HSE Wilton Road	2	151	36.15	35.99	Pass	100.44
405	HSE Wilton Road	2	152	36.1	36.01	Pass	100.25
406	HSE Wilton Road	2	153	36.5	36.67	Pass	99.54
407	HSE Wilton Road	2	154	36.46	36.63	Pass	99.54
408	HSE Wilton Road	2	155	36.54	36.18	Pass	101.00
409	HSE Wilton Road	2	156	36.2	36.36	Pass	99.56
410	HSE Wilton Road	2	157	36.25	36.39	Pass	99.62
411	HSE Wilton Road	2	158	36.49	36.4	Pass	100.25
412	HSE Wilton Road	2	159	37.12	37.24	Pass	99.68
413	HSE Wilton Road	2	160	37.08	37.2	Pass	99.68
414	HSE Wilton Road	2	161	36.96	37.08	Pass	99.68
415	HSE Wilton Road	2	162	36.81	36.79	Pass	100.05
416	HSE Wilton Road	2	163	36.78	36.77	Pass	100.03
417	HSE Wilton Road	2	164	36.54	36.71	Pass	99.54
418	HSE Wilton Road	2	165	36.88	36.99	Pass	99.70
419	HSE Wilton Road	2	166	36.91	37.01	Pass	99.73
420	HSE Wilton Road	2	167	36.87	36.85	Pass	100.05
421	HSE Wilton Road	5	0	30.28	30.45	Pass	99.44
422	HSE Wilton Road	5	1	34.66	34.81	Pass	99.57
423	HSE Wilton Road	5	2	32.61	32.78	Pass	99.48
424	HSE Wilton Road	5	3	32.87	32.61	Pass	100.80
425	HSE Wilton Road	5	4	34.9	34.74	Pass	100.46
426	HSE Wilton Road	5	5	30.68	30.25	Pass	101.42
427	HSE Wilton Road	5	6	28.15	28.05	Pass	100.36

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
428	HSE Wilton Road	5	7	32.59	32.79	Pass	99.39
429	HSE Wilton Road	5	8	34.64	34.78	Pass	99.60
430	HSE Wilton Road	5	9	30.21	29.91	Pass	101.00
431	HSE Wilton Road	5	10	30.13	29.91	Pass	100.74
432	HSE Wilton Road	5	11	34.4	34.53	Pass	99.62
433	HSE Wilton Road	5	12	32.64	32.46	Pass	100.55
434	HSE Wilton Road	5	13	32.78	32.55	Pass	100.71
435	HSE Wilton Road	5	14	34.65	34.6	Pass	100.14
436	HSE Wilton Road	5	15	30.29	30.19	Pass	100.33
437	HSE Wilton Road	5	16	30.24	30.16	Pass	100.27
438	HSE Wilton Road	5	17	34.63	34.6	Pass	100.09
439	HSE Wilton Road	5	18	32.77	32.57	Pass	100.61
440	HSE Wilton Road	5	19	32.64	32.42	Pass	100.68
441	HSE Wilton Road	5	20	34.41	34.51	Pass	99.71
442	HSE Wilton Road	5	21	30.1	29.95	Pass	100.50
443	HSE Wilton Road	5	22	30.33	30.21	Pass	100.40
444	HSE Wilton Road	5	23	34.67	34.61	Pass	100.17
445	HSE Wilton Road	5	24	32.79	32.51	Pass	100.86
446	Tesco Express	3	0	35.86	35.93	Pass	99.81
447	Tesco Express	3	1	35.12	35.34	Pass	99.38
448	Tesco Express	3	2	35.78	35.82	Pass	99.89
449	Tesco Express	3	3	35.21	35.48	Pass	99.24
450	Tesco Express	3	4	33.18	33.26	Pass	99.76
451	Tesco Express	3	5	33.72	33.79	Pass	99.79
452	Tesco Express	3	6	32.99	33.08	Pass	99.73
453	Tesco Express	3	7	33.85	33.92	Pass	99.79
454	Tesco Express	3	8	29.85	29.79	Pass	100.20
455	Tesco Express	3	9	29.24	29.39	Pass	99.49
456	Tesco Express	3	10	29.5	29.74	Pass	99.19
457	Tesco Express	3	11	29.38	29.32	Pass	100.20
458	Tesco Express	3	12	32.94	32.98	Pass	99.88
459	Tesco Express	3	13	33.05	33	Pass	100.15
460	Tesco Express	3	14	32.94	32.96	Pass	99.94
461	Tesco Express	3	15	33.15	33.16	Pass	99.97
462	Tesco Express	3	16	34.31	34.43	Pass	99.65
463	Tesco Express	3	17	35.05	34.97	Pass	100.23
464	Tesco Express	3	18	34.46	34.6	Pass	99.60
465	Tesco Express	3	19	34.98	34.91	Pass	100.20
466	Tesco Express	3	20	31.75	31.96	Pass	99.34

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
467	Tesco Express	3	21	31.27	31.27	Pass	100.00
468	Tesco Express	3	22	31.92	31.98	Pass	99.81
469	Tesco Express	3	23	31.12	31.09	Pass	100.10
470	Tesco Express	3	24	33.85	33.99	Pass	99.59
471	Tesco Express	3	25	34.49	34.54	Pass	99.86
472	Tesco Express	3	26	33.95	34.08	Pass	99.62
473	Tesco Express	3	27	34.43	34.46	Pass	99.91
474	Tesco Express	3	28	36.41	36.45	Pass	99.89
475	Tesco Express	3	29	36.27	36.11	Pass	100.44
476	Tesco Express	3	30	36.45	36.49	Pass	99.89
477	Tesco Express	3	31	36.23	36.07	Pass	100.44
478	Ashbrook Road B2	2	0	33.99	34.34	Pass	98.98
479	Ashbrook Road B2	2	1	34.05	34.68	Pass	98.18
480	Ashbrook Road B2	2	2	34.05	34.68	Pass	98.18
481	Ashbrook Road B2	2	3	33.66	34.31	Pass	98.11
482	Ashbrook Road B2	2	4	33.66	34.31	Pass	98.11
483	Ashbrook Road B2	2	5	31.57	32.27	Pass	97.83
484	Ashbrook Road B2	2	6	31.58	32.23	Pass	97.98
485	Ashbrook Road B2	2	7	32.5	32.7	Pass	99.39
486	Ashbrook Road B2	2	8	32.49	32.74	Pass	99.24
487	Ashbrook Road B2	2	9	33.64	34.33	Pass	97.99
488	Ashbrook Road B2	2	10	33.07	33.61	Pass	98.39
489	Ashbrook Road B2	2	11	33.15	33.66	Pass	98.48
490	Ashbrook Road B2	2	12	33.63	34.14	Pass	98.51
491	Ashbrook Road B2	2	13	33.57	34.09	Pass	98.47
492	Ashbrook Road B2	2	14	31.72	32.41	Pass	97.87
493	Ashbrook Road B2	2	15	31.74	32.47	Pass	97.75
494	Ashbrook Road B2	2	16	31.24	31.99	Pass	97.66
495	Ashbrook Road B2	2	17	31.22	31.92	Pass	97.81
496	Ashbrook Road B2	2	18	33.97	34.34	Pass	98.92
497	Ashbrook Road B2	2	19	33.66	34.33	Pass	98.05
498	Ashbrook Road B2	2	20	31.65	32.45	Pass	97.53
499	Ashbrook Road B2	2	21	32.23	32.72	Pass	98.50
500	Ashbrook Road B2	2	22	31.63	32.5	Pass	97.32
501	Ashbrook Road B2	2	23	32.24	32.7	Pass	98.59
502	Ashbrook Road B2	2	24	30.72	31.83	Pass	96.51
503	Ashbrook Road B2	2	25	30.35	31.48	Pass	96.41
504	Ashbrook Road B2	2	26	30.58	31.81	Pass	96.13
505	Ashbrook Road B2	2	27	30.5	31.55	Pass	96.67

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
506	Ashbrook Road B2	2	28	32.04	33.27	Pass	96.30
507	Ashbrook Road B2	2	29	32.54	33.56	Pass	96.96
508	Ashbrook Road B2	2	30	29.29	30.97	Pass	94.58
509	Ashbrook Road B2	2	31	29.47	31.08	Pass	94.82
510	Ashbrook Road B2	2	32	30.3	31.7	Pass	95.58
511	Ashbrook Road B2	2	33	29.98	31.56	Pass	94.99
512	Ashbrook Road B2	2	34	31.89	33.02	Pass	96.58
513	Ashbrook Road B2	2	35	32.01	33.1	Pass	96.71
514	Ashbrook Road B2	2	36	31.49	32.53	Pass	96.80
515	Ashbrook Road B2	2	37	31.28	32.42	Pass	96.48
516	Ashbrook Road B2	2	38	31.95	33.2	Pass	96.23
517	Ashbrook Road B2	2	39	31.41	32.37	Pass	97.03
518	Ashbrook Road B2	2	40	31.43	32.32	Pass	97.25
519	Ashbrook Road B2	2	41	30.95	31.92	Pass	96.96
520	Ashbrook Road B2	2	42	30.88	31.97	Pass	96.59
521	Ashbrook Road B2	2	43	32.43	33.2	Pass	97.68
522	Ashbrook Road B2	2	44	32.53	33.24	Pass	97.86
523	Ashbrook Road B2	2	45	33.05	33.74	Pass	97.95
524	Ashbrook Road B2	2	46	32.94	33.69	Pass	97.77
525	Ashbrook Road B2	2	47	32.63	33.58	Pass	97.17
526	Ashbrook Road B2	2	48	29.68	32.04	Pass	92.63
527	Ashbrook Road B2	2	49	30.9	32.15	Pass	96.11
528	Ashbrook Road B2	2	50	31.04	32.17	Pass	96.49
529	Ashbrook Road B2	2	51	30.31	31.94	Pass	94.90
530	Ashbrook Road B2	2	52	30.22	31.63	Pass	95.54
531	Ashbrook Road B2	2	53	27.91	30.12	Pass	92.66
532	Ashbrook Road B2	2	54	28.12	30.13	Pass	93.33
533	Ashbrook Road B2	2	55	28.8	30.8	Pass	93.51
534	Ashbrook Road B2	2	56	28.59	30.79	Pass	92.85
535	Ashbrook Road B2	2	57	29.28	31.41	Pass	93.22
536	Ashbrook Road B2	2	58	28.27	30.61	Pass	92.36
537	Ashbrook Road B2	2	59	28.32	30.58	Pass	92.61
538	Ashbrook Road B2	2	60	28.9	31.2	Pass	92.63
539	Ashbrook Road B2	2	61	28.98	31.21	Pass	92.85
540	Ashbrook Road B2	2	62	26.67	29.39	Pass2	90.75
541	Ashbrook Road B2	2	63	26.74	29.4	Pass2	90.95
542	Ashbrook Road B2	2	64	25.71	28.61	Pass2	89.86
543	Ashbrook Road B2	2	65	25.69	28.79	Pass2	89.23
544	Ashbrook Road B2	2	66	29.59	31.99	Pass	92.50

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
545	Ashbrook Road B2	2	67	29.39	31.33	Pass	93.81
546	Ashbrook Road B2	2	68	26.95	29.43	Pass2	91.57
547	Ashbrook Road B2	2	69	27.69	29.86	Pass	92.73
548	Ashbrook Road B2	2	70	26.71	29.33	Pass2	91.07
549	Ashbrook Road B2	2	71	27.87	30.04	Pass	92.78
550	Ashbrook Road B1	5	0	33.79	33.61	Pass	100.54
551	Ashbrook Road B1	5	1	33.61	33.6	Pass	100.03
552	Ashbrook Road B1	5	2	33.46	33.47	Pass	99.97
553	Ashbrook Road B1	5	3	32.6	32.39	Pass	100.65
554	Ashbrook Road B1	5	4	32.72	32.56	Pass	100.49
555	Ashbrook Road B1	5	5	30.51	30.56	Pass	99.84
556	Ashbrook Road B1	5	6	30.13	30.33	Pass	99.34
557	Ashbrook Road B1	5	7	31.13	31.09	Pass	100.13
558	Ashbrook Road B1	5	8	31.33	31.31	Pass	100.06
559	Ashbrook Road B1	5	9	33.96	34.32	Pass	98.95
560	Ashbrook Road B1	5	10	33.94	33.87	Pass	100.21
561	Ashbrook Road B1	5	11	33.83	33.78	Pass	100.15
562	Ashbrook Road B1	5	12	34.53	34.5	Pass	100.09
563	Ashbrook Road B1	5	13	34.54	34.48	Pass	100.17
564	Ashbrook Road B1	5	14	32.37	32.24	Pass	100.40
565	Ashbrook Road B1	5	15	32.28	32.15	Pass	100.40
566	Ashbrook Road B1	5	16	31.58	31.49	Pass	100.29
567	Ashbrook Road B1	5	17	31.69	31.6	Pass	100.28
568	Ashbrook Road B1	5	18	33.84	33.74	Pass	100.30
569	Ashbrook Road B1	5	19	33.91	34.23	Pass	99.07
570	Ashbrook Road B1	5	20	31.69	31.55	Pass	100.44
571	Ashbrook Road B1	5	21	31.41	31.57	Pass	99.49
572	Ashbrook Road B1	5	22	31.75	31.72	Pass	100.09
573	Ashbrook Road B1	5	23	31.19	31.45	Pass	99.17
574	Ashbrook Road B1	5	24	32.72	32.73	Pass	99.97
575	Ashbrook Road B1	5	25	32.9	32.78	Pass	100.37
576	Ashbrook Road B1	5	26	32.76	32.74	Pass	100.06
577	Ashbrook Road B1	5	27	32.86	32.8	Pass	100.18
578	Ashbrook Road B1	5	28	34.67	34.92	Pass	99.28
579	Ashbrook Road B1	5	29	34.78	34.76	Pass	100.06
580	Ashbrook Road B1	5	30	32.52	32.57	Pass	99.85
581	Ashbrook Road B1	5	31	32.5	32.57	Pass	99.79
582	Ashbrook Road B1	5	32	33.04	33.11	Pass	99.79
583	Ashbrook Road B1	5	33	33.05	33.11	Pass	99.82

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
584	Ashbrook Road B1	5	34	35.12	34.81	Pass	100.89
585	Ashbrook Road B1	5	35	35.09	34.78	Pass	100.89
586	Ashbrook Road B1	5	36	34.62	34.31	Pass	100.90
587	Ashbrook Road B1	5	37	34.65	34.34	Pass	100.90
588	Ashbrook Road B1	5	38	34.67	34.94	Pass	99.23
589	Ashbrook Road B1	5	39	32.39	32.69	Pass	99.08
590	Ashbrook Road B1	5	40	32.32	32.64	Pass	99.02
591	Ashbrook Road B1	5	41	31.99	31.69	Pass	100.95
592	Ashbrook Road B1	5	42	31.85	32.06	Pass	99.34
593	Ashbrook Road B1	5	43	34.25	34.06	Pass	100.56
594	Ashbrook Road B1	5	44	34.2	34.01	Pass	100.56
595	Ashbrook Road B1	5	45	34.84	34.76	Pass	100.23
596	Ashbrook Road B1	5	46	34.86	34.73	Pass	100.37
597	Ashbrook Road B1	5	47	34.72	34.74	Pass	99.94
598	Ashbrook Road B1	5	48	34.81	34.99	Pass	99.49
599	Ashbrook Road B1	5	49	34.99	34.86	Pass	100.37
600	Ashbrook Road B1	5	50	34.97	34.85	Pass	100.34
601	Ashbrook Road B1	5	51	34.51	34.37	Pass	100.41
602	Ashbrook Road B1	5	52	34.52	34.39	Pass	100.38
603	Ashbrook Road B1	5	53	32.53	32.44	Pass	100.28
604	Ashbrook Road B1	5	54	32.54	32.44	Pass	100.31
605	Ashbrook Road B1	5	55	33.07	33.09	Pass	99.94
606	Ashbrook Road B1	5	56	33.09	33.08	Pass	100.03
607	Ashbrook Road B1	5	57	34.6	34.82	Pass	99.37
608	Ashbrook Road B1	5	58	34.38	34.35	Pass	100.09
609	Ashbrook Road B1	5	59	34.39	34.35	Pass	100.12
610	Ashbrook Road B1	5	60	34.9	34.79	Pass	100.32
611	Ashbrook Road B1	5	61	34.89	34.79	Pass	100.29
612	Ashbrook Road B1	5	62	32.98	32.85	Pass	100.40
613	Ashbrook Road B1	5	63	32.99	32.85	Pass	100.43
614	Ashbrook Road B1	5	64	32.49	32.31	Pass	100.56
615	Ashbrook Road B1	5	65	32.48	32.3	Pass	100.56
616	Ashbrook Road B1	5	66	34.82	35	Pass	99.49
617	Ashbrook Road B1	5	67	34.61	34.83	Pass	99.37
618	Ashbrook Road B1	5	68	32.63	33.12	Pass	98.52
619	Ashbrook Road B1	5	69	33.09	32.92	Pass	100.52
620	Ashbrook Road B1	5	70	32.63	33.13	Pass	98.49
621	Ashbrook Road B1	5	71	33.09	32.92	Pass	100.52
622	Hollybrook Apartments	2	0	36.19	36.66	Pass	98.72

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
623	Hollybrook Apartments	2	1	35.98	36.62	Pass	98.25
624	Hollybrook Apartments	2	2	36.18	36.66	Pass	98.69
625	Hollybrook Apartments	2	3	36	36.62	Pass	98.31
626	Hollybrook Apartments	2	4	34.7	34.96	Pass	99.26
627	Hollybrook Apartments	2	5	34.55	35.03	Pass	98.63
628	Hollybrook Apartments	2	6	34.71	34.96	Pass	99.28
629	Hollybrook Apartments	2	7	34.54	35	Pass	98.69
630	Hollybrook Apartments	2	8	34.65	35.53	Pass	97.52
631	Hollybrook Apartments	2	9	34.28	35.38	Pass	96.89
632	Hollybrook Apartments	2	10	34.64	35.54	Pass	97.47
633	Hollybrook Apartments	2	11	34.28	35.34	Pass	97.00
634	Hollybrook Apartments	2	12	36.18	36.78	Pass	98.37
635	Hollybrook Apartments	2	13	36.06	36.75	Pass	98.12
636	Hollybrook Apartments	2	14	36.16	36.78	Pass	98.31
637	Hollybrook Apartments	2	15	36.08	36.73	Pass	98.23
638	Hollybrook Apartments	4	0	39.81	39.79	Pass	100.05
639	Hollybrook Apartments	4	1	39.87	39.86	Pass	100.03
640	Hollybrook Apartments	4	2	39.82	39.79	Pass	100.08
641	Hollybrook Apartments	4	3	39.87	39.86	Pass	100.03
642	Hollybrook Apartments	4	4	39.92	39.93	Pass	99.97
643	Hollybrook Apartments	4	5	39.78	39.93	Pass	99.62
644	Hollybrook Apartments	4	6	39.95	39.94	Pass	100.03
645	Hollybrook Apartments	4	7	39.78	39.91	Pass	99.67
646	Hollybrook Apartments	4	8	39.92	40.07	Pass	99.63
647	Hollybrook Apartments	4	9	39.94	39.95	Pass	99.97
648	Hollybrook Apartments	4	10	39.92	40.07	Pass	99.63
649	Hollybrook Apartments	4	11	39.94	39.95	Pass	99.97
650	Hollybrook Apartments	4	12	39.84	39.86	Pass	99.95
651	Hollybrook Apartments	4	13	39.83	39.86	Pass	99.92
652	Hollybrook Apartments	4	14	39.83	39.85	Pass	99.95
653	Hollybrook Apartments	4	15	39.83	39.86	Pass	99.92
654	Ballyrichard House	2	0	34.38	35.59	Pass	96.60
655	Ballyrichard House	2	1	34.4	35.58	Pass	96.68
656	Ballyrichard House	2	2	34.43	35.52	Pass	96.93
657	Ballyrichard House	2	3	34.38	35.51	Pass	96.82
658	Ballyrichard House	2	4	34.12	35.41	Pass	96.36
659	Ballyrichard House	2	5	34.15	35.4	Pass	96.47
660	Ballyrichard House	2	6	35.87	36.73	Pass	97.66
661	Ballyrichard House	2	7	35.85	36.72	Pass	97.63

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
662	Ballyrichard House	2	8	35.73	36.75	Pass	97.22
663	Ballyrichard House	2	9	35.78	36.76	Pass	97.33
664	Ballyrichard House	2	10	35.62	36.63	Pass	97.24
665	Ballyrichard House	2	11	35.6	36.61	Pass	97.24
666	Ballyrichard House	4	0	39.31	39.33	Pass	99.95
667	Ballyrichard House	4	1	39.22	39.19	Pass	100.08
668	Ballyrichard House	4	2	39.31	39.33	Pass	99.95
669	Ballyrichard House	4	3	39.21	39.19	Pass	100.05
670	Ballyrichard House	4	4	39.09	39.03	Pass	100.15
671	Ballyrichard House	4	5	39.18	38.87	Pass	100.80
672	Ballyrichard House	4	6	39.1	39.04	Pass	100.15
673	Ballyrichard House	4	7	39.19	38.87	Pass	100.82
674	Ballyrichard House	4	8	37.98	38.15	Pass	99.55
675	Ballyrichard House	4	9	37.77	37.69	Pass	100.21
676	Ballyrichard House	4	10	38.65	38.9	Pass	99.36
677	Ballyrichard House	4	11	38.79	38.94	Pass	99.61
678	3 Orchard Road	2	0	34.08	35.62	Pass	95.68
679	3 Orchard Road	2	1	33.99	35.42	Pass	95.96
680	3 Orchard Road	2	2	34.07	35.63	Pass	95.62
681	3 Orchard Road	2	3	33.66	35.37	Pass	95.17
682	3 Orchard Road	4	0	38.64	38.73	Pass	99.77
683	3 Orchard Road	4	1	38.46	38.3	Pass	100.42
684	3 Orchard Road	4	2	38.66	38.72	Pass	99.85
685	3 Orchard Road	4	3	38.41	37.93	Pass	101.27
686	3 Orchard Road	2	0	34.42	35.72	Pass	96.36
687	3 Orchard Road	2	1	34.51	36.22	Pass	95.28
688	3 Orchard Road	2	2	34.38	35.68	Pass	96.36
689	3 Orchard Road	2	3	34.53	36.21	Pass	95.36
690	3 Orchard Road	4	0	39.17	39.16	Pass	100.03
691	3 Orchard Road	4	1	39.15	39.18	Pass	99.92
692	3 Orchard Road	4	2	39.18	39.15	Pass	100.08
693	3 Orchard Road	4	3	39.08	39.3	Pass	99.44
694	West Friars	2	0	33.61	35.33	Pass	95.13
695	West Friars	2	1	30.5	31.65	Pass	96.37
696	West Friars	4	0	39.04	39.25	Pass	99.46
697	West Friars	4	1	38.88	38.78	Pass	100.26
698	West Friars	4	2	38.61	38.47	Pass	100.36
699	West Friars Lodge	2	0	33.55	35.12	Pass	95.53
700	West Friars Lodge	2	1	33.87	35.28	Pass	96.00

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
701	West Friars Lodge	3	0	36.88	37.12	Pass	99.35
702	West Friars Lodge	3	1	37.27	37.39	Pass	99.68
703	West Friars Lodge	3	2	37.61	37.65	Pass	99.89
704	West Friars Lodge	3	3	37.07	37.18	Pass	99.70
705	The Old Kin	2	0	21.9	35.72	Fail	61.31
706	The Old Kin	2	1	22.45	36.16	Fail	62.09
707	The Old Kin	2	2	24.61	36.92	Fail	66.66
708	The Old Kin	3	0	35.05	36.46	Pass	96.13
709	The Old Kin	3	1	36.13	37.53	Pass	96.27
710	The Old Kin	5	0	23.59	23.61	Pass2	99.92
711	The Old Kin	7	0	35.59	36.36	Pass	97.88
712	The Old Kin	7	1	36.51	37.15	Pass	98.28
713	The Old Kin	9	0	32.47	34.97	Pass	92.85
714	The Old Kin	9	1	32.66	35.05	Pass	93.18
715	The Old Kin	9	2	34.25	36.05	Pass	95.01
716	The Old Kin	9	3	34.28	36.01	Pass	95.20
717	The Old Kin	9	4	34.06	35.48	Pass	96.00
718	The Old Kin	9	5	34.04	35.25	Pass	96.57
719	The Old Kin	9	6	35.26	36.33	Pass	97.05
720	The Old Kin	9	7	35.38	36.36	Pass	97.30
721	Maryville	3	1	30.61	35.84	Pass	85.41
722	Maryville	3	2	32.11	36.92	Pass	86.97
723	Maryville	3	3	32.98	36.71	Pass	89.84
724	Maryville	3	4	28.66	29.03	Pass	98.73
725	Maryville	3	5	33.99	37.47	Pass	90.71
726	Maryville	3	6	34.45	37.77	Pass	91.21
727	Maryville	3	7	33.71	37.59	Pass	89.68
728	Maryville	3	8	33.13	37.31	Pass	88.80
729	Maryville	3	9	33.55	37.4	Pass	89.71
730	Maryville	3	10	33.99	37.65	Pass	90.28
731	Maryville	4	0	31.53	33.85	Pass	93.15
732	Maryville	4	1	30.26	32.62	Pass	92.77
733	Maryville	4	2	33.04	34.87	Pass	94.75
734	Maryville	4	3	33.59	35.48	Pass	94.67
735	Bridgeview Terrace	4	1	32.26	35.43	Pass	91.05
736	Bridgeview Terrace	4	2	33.85	37.04	Pass	91.39
737	Bridgeview Terrace	4	4	33.9	34.03	Pass	99.62
738	Bridgeview Terrace	4	5	35.86	37.2	Pass	96.40
739	Bridgeview Terrace	4	6	35.92	37.03	Pass	97.00

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
740	Bridgeview Terrace	4	7	34.61	35.31	Pass	98.02
741	Bridgeview Terrace	4	8	32.93	34.04	Pass	96.74
742	Bridgeview Terrace	4	9	35.35	36.98	Pass	95.59
743	Bridgeview Terrace	4	10	35.3	36.87	Pass	95.74
744	Bridgeview Terrace	4	11	30.17	30.25	Pass	99.74
745	Bridgeview Terrace	4	14	32.5	33.71	Pass	96.41
746	Bridgeview Terrace	4	15	34.44	36.91	Pass	93.31
747	Bridgeview Terrace	4	16	34.63	36.67	Pass	94.44
748	Bridgeview Terrace	4	17	31.53	33.38	Pass	94.46
749	Victoria Cross Apartments	2	0	35.68	36.99	Pass	96.46
750	Victoria Cross Apartments	2	1	35.57	36.93	Pass	96.32
751	Victoria Cross Apartments	2	2	36.08	37.17	Pass	97.07
752	Victoria Cross Apartments	2	3	36.14	37.19	Pass	97.18
753	Victoria Cross Apartments	2	4	36.44	37.06	Pass	98.33
754	Victoria Cross Apartments	2	5	36.64	37.4	Pass	97.97
755	Victoria Cross Apartments	2	6	36.59	37.39	Pass	97.86
756	Victoria Cross Apartments	2	7	36.19	37.07	Pass	97.63
757	Victoria Cross Apartments	2	8	36.23	37.08	Pass	97.71
758	Victoria Cross Apartments	2	9	35.6	37.28	Pass	95.49
759	Victoria Cross Apartments	2	10	35.69	37.3	Pass	95.68
760	Victoria Cross Apartments	2	11	35.6	37.27	Pass	95.52
761	Victoria Cross Apartments	2	12	35.14	36.95	Pass	95.10
762	Victoria Cross Apartments	2	13	35.22	36.95	Pass	95.32
763	Victoria Cross Apartments	2	14	36.65	37.22	Pass	98.47
764	Victoria Cross Apartments	2	15	36.6	37.17	Pass	98.47
765	Victoria Cross Apartments	2	16	36.8	37.26	Pass	98.77
766	Victoria Cross Apartments	2	17	36.84	37.28	Pass	98.82
767	Victoria Cross Apartments	2	18	36.42	37.37	Pass	97.46
768	Victoria Cross Apartments	2	19	34.62	37.05	Pass	93.44
769	Victoria Cross Apartments	2	20	34.02	37	Pass	91.95
770	Victoria Cross Apartments	2	21	33.86	36.97	Pass	91.59
771	Victoria Cross Apartments	2	22	34.2	37.07	Pass	92.26
772	Victoria Cross Apartments	2	23	34.34	37.1	Pass	92.56
773	Victoria Cross Apartments	2	24	35.7	38	Pass	93.95
774	Victoria Cross Apartments	2	25	35.65	37.99	Pass	93.84
775	Victoria Cross Apartments	2	26	35.53	37.73	Pass	94.17
776	Victoria Cross Apartments	2	27	35.52	37.73	Pass	94.14
777	Victoria Cross Apartments	2	28	37.69	37.92	Pass	99.39
778	Victoria Cross Apartments	2	29	37.66	37.91	Pass	99.34

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
779	Victoria Cross Apartments	2	30	37.45	37.7	Pass	99.34
780	Victoria Cross Apartments	2	31	37.48	37.71	Pass	99.39
781	Victoria Cross Apartments	2	32	36.13	37.98	Pass	95.13
782	Victoria Cross Apartments	2	33	36.03	37.99	Pass	94.84
783	Victoria Cross Apartments	2	34	36.34	38.22	Pass	95.08
784	Victoria Cross Apartments	2	35	36.44	38.22	Pass	95.34
785	Victoria Cross Apartments	2	36	36.78	37.76	Pass	97.40
786	Victoria Cross Apartments	2	37	37.05	37.78	Pass	98.07
787	Victoria Cross Apartments	2	38	37.01	37.77	Pass	97.99
788	Victoria Cross Apartments	2	39	37.32	37.98	Pass	98.26
789	Victoria Cross Apartments	2	40	37.36	37.99	Pass	98.34
790	Victoria Cross Apartments	2	41	37.08	37.9	Pass	97.84
791	Victoria Cross Apartments	2	42	36.96	37.93	Pass	97.44
792	Victoria Cross Apartments	2	43	36.93	38.01	Pass	97.16
793	Victoria Cross Apartments	2	44	36.67	37.78	Pass	97.06
794	Victoria Cross Apartments	2	45	36.7	37.8	Pass	97.09
795	Victoria Cross Apartments	2	46	36.24	37.79	Pass	95.90
796	Victoria Cross Apartments	2	47	35.87	37.88	Pass	94.69
797	Victoria Cross Apartments	2	48	37.25	37.97	Pass	98.10
798	Victoria Cross Apartments	2	49	37.43	37.86	Pass	98.86
799	Victoria Cross Apartments	2	50	38.23	38.56	Pass	99.14
800	Victoria Cross Apartments	2	51	37.98	38.46	Pass	98.75
801	Victoria Cross Apartments	2	52	37.11	38.44	Pass	96.54
802	Victoria Cross Apartments	2	53	37.26	38.46	Pass	96.88
803	Victoria Cross Apartments	2	54	37.67	38.36	Pass	98.20
804	Victoria Cross Apartments	2	55	37.63	38.35	Pass	98.12
805	Victoria Cross Apartments	2	56	37.89	38.54	Pass	98.31
806	Victoria Cross Apartments	2	57	37.92	38.54	Pass	98.39
807	Victoria Cross Apartments	2	58	37.99	38.51	Pass	98.65
808	Victoria Cross Apartments	2	59	37.97	38.51	Pass	98.60
809	Victoria Cross Apartments	2	60	37.95	38.51	Pass	98.55
810	Victoria Cross Apartments	2	61	37.78	38.33	Pass	98.57
811	Victoria Cross Apartments	2	62	37.8	38.34	Pass	98.59
812	Victoria Cross Apartments	2	63	37.84	38.56	Pass	98.13
813	Victoria Cross Apartments	2	64	37.46	38.55	Pass	97.17
814	Victoria Cross Apartments	2	65	37.4	38.55	Pass	97.02
815	Victoria Cross Apartments	2	66	37.14	38.34	Pass	96.87
816	Victoria Cross Apartments	2	67	37.19	38.34	Pass	97.00
817	Victoria Cross Apartments	2	68	38.18	38.51	Pass	99.14

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
818	Victoria Cross Apartments	2	69	37.93	38.49	Pass	98.55
819	Victoria Cross Apartments	2	70	38.12	38.68	Pass	98.55
820	Victoria Cross Apartments	2	71	38.14	38.7	Pass	98.55
821	Victoria Cross Apartments	2	72	36.51	38.32	Pass	95.28
822	Victoria Cross Apartments	2	73	36.42	38.32	Pass	95.04
823	Victoria Cross Apartments	2	74	36.59	38.53	Pass	94.96
824	Victoria Cross Apartments	2	75	36.75	38.51	Pass	95.43
825	Victoria Cross Apartments	2	76	37.72	38.72	Pass	97.42
826	Victoria Cross Apartments	2	77	37.69	38.71	Pass	97.37
827	Victoria Cross Apartments	2	78	37.42	38.58	Pass	96.99
828	Victoria Cross Apartments	2	79	37.45	38.58	Pass	97.07
829	Victoria Cross Apartments	2	80	38.62	38.95	Pass	99.15
830	Victoria Cross Apartments	2	81	38.6	38.93	Pass	99.15
831	Victoria Cross Apartments	2	82	38.43	38.77	Pass	99.12
832	Victoria Cross Apartments	2	83	38.45	38.79	Pass	99.12
833	Victoria Cross Apartments	2	84	37.92	38.79	Pass	97.76
834	Victoria Cross Apartments	2	85	37.88	38.79	Pass	97.65
835	Victoria Cross Apartments	2	86	38.06	38.93	Pass	97.77
836	Victoria Cross Apartments	2	87	38.1	38.93	Pass	97.87
837	Victoria Cross Apartments	2	88	38.17	38.85	Pass	98.25
838	Victoria Cross Apartments	2	89	38.46	38.9	Pass	98.87
839	Victoria Cross Apartments	2	90	38.45	38.74	Pass	99.25
840	Victoria Cross Apartments	2	91	38.61	38.9	Pass	99.25
841	Victoria Cross Apartments	2	92	38.62	38.92	Pass	99.23
842	Victoria Cross Apartments	2	93	38.41	38.9	Pass	98.74
843	Victoria Cross Apartments	2	94	38.35	38.83	Pass	98.76
844	Victoria Cross Apartments	2	95	38.33	38.84	Pass	98.69
845	Victoria Cross Apartments	2	96	38.13	38.7	Pass	98.53
846	Victoria Cross Apartments	2	97	38.15	38.68	Pass	98.63
847	Victoria Cross Apartments	2	98	37.72	38.91	Pass	96.94
848	Victoria Cross Apartments	2	99	37.7	38.85	Pass	97.04
849	Victoria Cross Apartments	2	100	38.51	38.91	Pass	98.97
850	Victoria Cross Apartments	2	101	38.72	38.98	Pass	99.33
851	Victoria Cross Apartments	5	0	33.48	35.8	Pass	93.52
852	Victoria Cross Apartments	5	1	33.62	35.83	Pass	93.83
853	Victoria Cross Apartments	5	2	34.1	36.19	Pass	94.22
854	Victoria Cross Apartments	5	3	33.96	36.16	Pass	93.92
855	Victoria Cross Apartments	5	4	35.41	37.38	Pass	94.73
856	Victoria Cross Apartments	5	5	35.47	37.41	Pass	94.81

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
857	Victoria Cross Apartments	5	6	35.04	37.1	Pass	94.45
858	Victoria Cross Apartments	5	7	34.97	37.06	Pass	94.36
859	Victoria Cross Apartments	5	8	36.27	37.94	Pass	95.60
860	Victoria Cross Apartments	5	9	36.33	37.97	Pass	95.68
861	Victoria Cross Apartments	5	10	36.7	38.29	Pass	95.85
862	Victoria Cross Apartments	5	11	36.65	38.27	Pass	95.77
863	Victoria Cross Apartments	5	12	37.63	38.87	Pass	96.81
864	Victoria Cross Apartments	5	13	37.66	38.87	Pass	96.89
865	Victoria Cross Apartments	5	14	37.37	38.69	Pass	96.59
866	Victoria Cross Apartments	5	15	37.35	38.69	Pass	96.54
867	Pilates	2	0	22.88	37.01	Fail	61.82
868	Pilates	2	1	22.81	36.96	Fail	61.72
869	UCC Victoria Lodge	6	0	36.96	37.09	Pass	99.65
870	UCC Victoria Lodge	6	1	36.84	37.26	Pass	98.87
871	UCC Victoria Lodge	6	2	37.02	37.5	Pass	98.72
872	UCC Victoria Lodge	6	3	36.74	37.44	Pass	98.13
873	UCC Victoria Lodge	6	4	36.72	37.2	Pass	98.71
874	UCC Victoria Lodge	6	5	36.72	37.04	Pass	99.14
875	UCC Victoria Lodge	6	6	36.26	37.02	Pass	97.95
876	UCC Victoria Lodge	6	7	37.31	37.61	Pass	99.20
877	UCC Victoria Lodge	6	8	37.23	37.86	Pass	98.34
878	UCC Victoria Lodge	6	9	37.35	37.79	Pass	98.84
879	UCC Victoria Lodge	6	10	37.45	37.73	Pass	99.26
880	UCC Victoria Lodge	6	11	37.55	38.07	Pass	98.63
881	UCC Victoria Lodge	6	12	37.42	37.94	Pass	98.63
882	UCC Victoria Lodge	6	13	37.31	37.83	Pass	98.63
883	UCC Victoria Lodge	6	14	38.12	38.4	Pass	99.27
884	UCC Victoria Lodge	6	15	38.21	38.52	Pass	99.20
885	UCC Victoria Lodge	6	16	38.33	38.61	Pass	99.27
886	UCC Victoria Lodge	6	17	38.21	38.46	Pass	99.35
887	UCC Victoria Lodge	6	18	37.89	38.31	Pass	98.90
888	UCC Victoria Lodge	6	19	37.81	38.31	Pass	98.69
889	UCC Victoria Lodge	6	20	37.87	38.21	Pass	99.11
890	UCC Victoria Lodge	6	21	38.37	38.68	Pass	99.20
891	UCC Victoria Lodge	6	22	38.41	38.78	Pass	99.05
892	UCC Victoria Lodge	6	23	38.49	38.76	Pass	99.30
893	UCC Victoria Lodge	6	24	38.62	38.86	Pass	99.38
894	UCC Victoria Lodge	6	25	38.7	38.78	Pass	99.79
895	UCC Victoria Lodge	6	26	38.59	38.7	Pass	99.72

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
896	UCC Victoria Lodge	6	27	38.5	38.62	Pass	99.69
897	Victoria Station	18	0	17.84	18.11	Pass2	98.51
898	Victoria Station	18	1	20.11	20.19	Pass2	99.60
899	Victoria Station	18	2	15.82	15.93	Pass2	99.31
900	Victoria Station	18	3	23.89	23.96	Pass2	99.71
901	Victoria Station	19	0	20.67	20.59	Pass2	100.39
902	Victoria Station	19	1	23.31	23.26	Pass2	100.21
903	Victoria Station	19	2	18.45	18.28	Pass2	100.93
904	Victoria Station	19	3	27.53	27.2	Pass	101.21
905	Victoria Station	20	0	22.92	22.9	Pass2	100.09
906	Victoria Station	20	1	26.24	25.81	Pass2	101.67
907	Victoria Station	20	2	20.79	20.8	Pass2	99.95
908	Victoria Station	20	3	29.94	29.63	Pass	101.05
909	Victoria Station	21	0	24.96	25.01	Pass2	99.80
910	Victoria Station	21	1	27.73	28.32	Pass	97.92
911	Victoria Station	21	2	22.47	22.47	Pass2	100.00
912	Victoria Station	21	3	31.52	31.7	Pass	99.43
913	Victoria Station	23	0	26.79	27.41	Pass2	97.74
914	Victoria Station	23	1	29.77	30.41	Pass	97.90
915	Victoria Station	23	2	24.13	24.55	Pass2	98.29
916	Victoria Station	23	3	33.14	33.46	Pass	99.04
917	Victoria Station	24	0	26.99	28.19	Pass2	95.74
918	Victoria Station	24	1	29.85	31.08	Pass	96.04
919	Victoria Station	24	2	24	24.98	Pass2	96.08
920	Victoria Station	24	3	33.02	33.63	Pass	98.19
921	Victoria Station	25	0	26.86	28.98	Pass2	92.68
922	Victoria Station	25	1	29.55	31.11	Pass	94.99
923	Victoria Station	25	2	23.39	25.7	Pass2	91.01
924	Victoria Station	25	3	32.53	33.94	Pass	95.85
925	Victoria Station	26	0	26.64	28.97	Pass2	91.96
926	Victoria Station	26	1	29.95	30.86	Pass	97.05
927	Victoria Station	26	2	23.29	25.76	Pass2	90.41
928	Victoria Station	26	3	32.57	33.9	Pass	96.08
929	Victoria Station	27	0	25.66	29.24	Pass2	87.76
930	Victoria Station	27	1	28.83	31.82	Pass	90.60
931	Victoria Station	27	2	22.41	26.21	Pass2	85.50
932	Victoria Station	27	3	31.95	33.93	Pass	94.16
933	Victoria Station	28	0	24.14	30.54	Fail	79.04
934	Victoria Station	28	1	24.23	30.34	Fail	79.86

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
935	Victoria Station	28	2	27.59	32.7	Pass	84.37
936	Victoria Station	28	3	27.51	32.83	Pass	83.80
937	Victoria Station	28	4	30.93	34.75	Pass	89.01
938	Victoria Station	28	5	30.98	34.66	Pass	89.38
939	Victoria Station	28	6	20.46	28.32	Fail	72.25
940	Victoria Station	28	7	20.39	28.4	Fail	71.80
941	Victoria Station	28	8	20.52	28.23	Fail	72.69
942	Victoria Station	28	9	20.23	28.07	Fail	72.07
943	Victoria Station	28	10	21.73	29.11	Fail	74.65
944	Victoria Station	28	11	21.57	29.35	Fail	73.49
945	Victoria Station	28	12	21.53	29.03	Fail	74.16
946	Victoria Station	28	13	31.23	34.27	Pass	91.13
947	Victoria Station	28	14	31.15	34.32	Pass	90.76
948	Victoria Station	28	15	27.96	32.5	Pass	86.03
949	Victoria Station	28	16	28.02	32.42	Pass	86.43
950	Victoria Station	28	17	24.64	29.84	Pass2	82.57
951	Victoria Station	28	18	24.56	29.87	Pass2	82.22
952	Victoria Station	28	19	21.56	27.91	Fail	77.25
953	Victoria Station	28	20	21.71	27.77	Fail	78.18
954	Milview Vet	4	1	20.75	29.77	Fail	69.70
955	Milview Vet	4	2	20.82	29.81	Fail	69.84
956	Milview Vet	4	3	23.86	31.27	Fail	76.30
957	Milview Vet	4	4	23.77	31.43	Fail	75.63
958	Milview Vet	4	5	23.11	32.15	Fail	71.88
959	Milview Vet	4	6	23.19	32	Fail	72.47
960	Milview Vet	4	7	26.48	33.81	Fail	78.32
961	Milview Vet	4	8	26.44	33.97	Fail	77.83
962	Milview Vet	4	9	26.92	33.35	Pass2	80.72
963	Milview Vet	4	10	26.97	33.26	Pass2	81.09
964	Milview Vet	5	0	22.8	33.19	Fail	68.70
965	Milview Vet	5	1	26.31	34.59	Fail	76.06
966	Milview Vet	5	2	19.28	31.16	Fail	61.87
967	Milview Vet	6	0	22.35	33.85	Fail	66.03
968	Milview Vet	6	1	25.9	35.29	Fail	73.39
969	Milview Vet	6	2	19.61	32.44	Fail	60.45
970	Milview Vet	7	0	23.07	34.4	Fail	67.06
971	Milview Vet	7	1	26.48	35.86	Fail	73.84
972	Milview Vet	7	2	20.08	32.82	Fail	61.18
973	Milview Vet	9	0	24.39	35.51	Fail	68.68

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
974	Milview Vet	9	1	27.84	36.69	Pass	75.88
975	Milview Vet	9	2	20.79	34.07	Fail	61.02
976	Milview Vet	10	0	24.92	35.75	Fail	69.71
977	Milview Vet	10	1	28.95	37.22	Pass	77.78
978	Milview Vet	10	2	21.08	34.48	Fail	61.14
979	Milview Vet	11	0	26.77	36.92	Fail	72.51
980	Milview Vet	11	1	29.82	37.84	Pass	78.81
981	Milview Vet	11	2	22.76	34.88	Fail	65.25
982	Milview Vet	16	0	32.48	37.14	Pass	87.45
983	Milview Vet	16	1	34.75	38.69	Pass	89.82
984	Milview Vet	16	2	26.66	32.85	Pass2	81.16
985	Milview Vet	17	0	33.15	37.01	Pass	89.57
986	Milview Vet	17	1	35.28	39.71	Pass	88.84
987	Milview Vet	17	2	27.37	32.3	Pass	84.74
988	Milview Vet	18	0	33.97	36.91	Pass	92.03
989	Milview Vet	18	1	36.23	38.67	Pass	93.69
990	Milview Vet	18	2	27.65	31.79	Pass	86.98
991	Victoria Cross Apartments	2	0	39.2	39.19	Pass	100.03
992	Victoria Cross Apartments	2	1	39.22	39.22	Pass	100.00
993	Victoria Cross Apartments	2	2	38.68	38.72	Pass	99.90
994	Victoria Cross Apartments	2	3	38.66	38.7	Pass	99.90
995	Victoria Cross Apartments	2	4	37.92	38.32	Pass	98.96
996	Victoria Cross Apartments	2	5	37.99	38.34	Pass	99.09
997	Victoria Cross Apartments	3	0	34.59	34.67	Pass	99.77
998	Victoria Cross Apartments	3	1	35.25	35.34	Pass	99.75
999	Victoria Cross Apartments	3	2	36.37	36.5	Pass	99.64
1000	Victoria Cross Apartments	3	3	36.62	36.64	Pass	99.95
1001	Victoria Cross Apartments	3	4	35.43	35.27	Pass	100.45
1002	Victoria Cross Apartments	3	5	35.34	34.97	Pass	101.06
1003	Victoria Cross Apartments	3	6	33.09	33.56	Pass	98.60
1004	Victoria Cross Apartments	3	7	33.15	33.59	Pass	98.69
1005	Victoria Cross Apartments	3	8	34.8	34.91	Pass	99.68
1006	Victoria Cross Apartments	3	9	34.91	35.14	Pass	99.35
1007	Victoria Cross Apartments	3	10	30.08	30.04	Pass	100.13
1008	Victoria Cross Apartments	3	11	29.92	29.79	Pass	100.44
1009	Victoria Cross Apartments	3	12	28.43	28.4	Pass	100.11
1010	Victoria Cross Apartments	3	13	28.56	28.68	Pass	99.58
1011	Victoria Cross Apartments	3	14	31.62	31.82	Pass	99.37
1012	Victoria Cross Apartments	3	15	32.18	32.45	Pass	99.17

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
1013	Victoria Cross Apartments	3	16	33.31	33.05	Pass	100.79
1014	Victoria Cross Apartments	3	17	32.63	32.63	Pass	100.00
1015	Victoria Cross Apartments	3	18	30.53	30.76	Pass	99.25
1016	Victoria Cross Apartments	3	19	29.36	29.5	Pass	99.53
1017	Victoria Cross Apartments	3	20	25.8	25.75	Pass2	100.19
1018	Victoria Cross Apartments	3	21	27.31	27.68	Pass	98.66
1019	Victoria Cross Apartments	3	22	29.9	29.92	Pass	99.93
1020	Victoria Cross Apartments	3	23	30.55	30.23	Pass	101.06
1021	Victoria Cross Apartments	3	24	29.38	29.37	Pass	100.03
1022	Victoria Cross Apartments	3	25	28.93	29.17	Pass	99.18
1023	Victoria Cross Apartments	3	26	25.09	25.76	Pass2	97.40
1024	Victoria Cross Apartments	3	27	24.75	24.99	Pass2	99.04
1025	Victoria Cross Apartments	3	28	25.95	26.03	Pass2	99.69
1026	Victoria Cross Apartments	3	29	25.54	26.53	Pass2	96.27
1027	Victoria Cross Apartments	3	30	24.3	24.09	Pass2	100.87
1028	Victoria Cross Apartments	3	31	23.96	23.99	Pass2	99.87
1029	Victoria Cross Apartments	3	32	23.33	23.57	Pass2	98.98
1030	Victoria Cross Apartments	3	33	22.67	23.26	Pass2	97.46
1031	Victoria Cross Apartments	3	34	23.01	23.58	Pass2	97.58
1032	Victoria Cross Apartments	3	35	27.2	27.59	Pass	98.59
1033	Victoria Cross Apartments	3	36	28	27.88	Pass	100.43
1034	Victoria Cross Apartments	3	37	28.27	28.29	Pass	99.93
1035	Victoria Cross Apartments	3	38	27.47	27.76	Pass	98.96
1036	Victoria Cross Apartments	3	39	34.13	34.04	Pass	100.26
1037	Victoria Cross Apartments	3	40	34.36	34.73	Pass	98.93
1038	Victoria Cross Apartments	3	41	34.21	34.16	Pass	100.15
1039	Victoria Cross Apartments	3	42	34.02	33.99	Pass	100.09
1040	Victoria Cross Apartments	3	43	30.49	30.2	Pass	100.96
1041	Victoria Cross Apartments	3	44	30.78	31	Pass	99.29
1042	Victoria Cross Apartments	3	45	31.37	30.91	Pass	101.49
1043	Victoria Cross Apartments	3	46	30.97	30.47	Pass	101.64
1044	Victoria Cross Apartments	3	47	32.64	32.51	Pass	100.40
1045	Victoria Cross Apartments	3	48	32.81	32.46	Pass	101.08
1046	Victoria Cross Apartments	3	49	33.04	32.8	Pass	100.73
1047	Victoria Cross Apartments	3	50	32.74	32.58	Pass	100.49
1048	Victoria Cross Apartments	3	51	32.38	32.08	Pass	100.94
1049	Victoria Cross Apartments	3	52	35.19	35.2	Pass	99.97
1050	Victoria Cross Apartments	3	53	35.33	35.39	Pass	99.83
1051	Victoria Cross Apartments	3	54	35.75	36.09	Pass	99.06

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
1052	Victoria Cross Apartments	3	55	35.69	35.66	Pass	100.08
1053	Victoria Cross Apartments	3	56	34.69	34.86	Pass	99.51
1054	Victoria Cross Apartments	3	57	33.91	33.84	Pass	100.21
1055	Victoria Cross Apartments	3	58	35.84	35.83	Pass	100.03
1056	Victoria Cross Apartments	3	59	36.57	36.54	Pass	100.08
1057	Victoria Cross Apartments	3	60	37.33	37.24	Pass	100.24
1058	Victoria Cross Apartments	3	61	37.42	37.42	Pass	100.00
1059	Victoria Cross Apartments	3	62	36.8	36.88	Pass	99.78
1060	Victoria Cross Apartments	3	63	36.78	36.72	Pass	100.16
1061	Victoria Cross Apartments	3	64	34.44	34.31	Pass	100.38
1062	Victoria Cross Apartments	3	65	34.69	34.52	Pass	100.49
1063	Victoria Cross Apartments	3	66	35.51	35.41	Pass	100.28
1064	Victoria Cross Apartments	3	67	35.05	35.08	Pass	99.91
1065	Victoria Cross Apartments	3	68	37.64	37.59	Pass	100.13
1066	Victoria Cross Apartments	3	69	37.88	37.78	Pass	100.26
1067	Victoria Cross Apartments	3	70	37.08	37.11	Pass	99.92
1068	Victoria Cross Apartments	3	71	37	36.98	Pass	100.05
1069	Victoria Cross Apartments	3	72	38.11	38.1	Pass	100.03
1070	Victoria Cross Apartments	3	73	38.29	38.37	Pass	99.79
1071	Victoria Cross Apartments	3	74	38.56	38.55	Pass	100.03
1072	Victoria Cross Apartments	3	75	38.51	38.49	Pass	100.05
1073	Victoria Cross Apartments	3	76	38.12	38.27	Pass	99.61
1074	Victoria Cross Apartments	3	77	37.81	37.87	Pass	99.84
1075	Victoria Cross Apartments	3	78	38.8	38.89	Pass	99.77
1076	Victoria Cross Apartments	3	79	38.93	38.97	Pass	99.90
1077	Victoria Cross Apartments	3	80	39.09	39.31	Pass	99.44
1078	Victoria Cross Apartments	3	81	39.1	39.33	Pass	99.42
1079	Victoria Cross Apartments	3	82	38.91	38.87	Pass	100.10
1080	Victoria Cross Apartments	3	83	38.89	38.94	Pass	99.87
1081	Victoria Cross Apartments	3	84	38.51	38.7	Pass	99.51
1082	Victoria Cross Apartments	3	85	38.55	38.76	Pass	99.46
1083	Victoria Cross Apartments	3	86	38.72	38.82	Pass	99.74
1084	Victoria Cross Apartments	3	87	38.74	38.86	Pass	99.69
1085	Victoria Cross Apartments	3	88	37.97	38.15	Pass	99.53
1086	Victoria Cross Apartments	3	89	38.06	38.21	Pass	99.61
1087	Victoria Cross Apartments	3	90	37.88	37.71	Pass	100.45
1088	Victoria Cross Apartments	3	91	37.71	37.76	Pass	99.87
1089	Victoria Cross Apartments	3	92	38.36	38.33	Pass	100.08
1090	Victoria Cross Apartments	3	93	38.42	38.37	Pass	100.13

Ref No.	Surrounding Building	Surface	Opening	Resultant VSC (Post-Development)	Existing VSC (Pre-Development)	Status	% of Existing VSC Maintained
1091	Victoria Cross Apartments	3	94	38.66	38.72	Pass	99.85
1092	Victoria Cross Apartments	3	95	38.62	38.62	Pass	100.00
1093	Victoria Cross Apartments	3	96	38.28	38.36	Pass	99.79
1094	Victoria Cross Apartments	3	97	38.06	38.13	Pass	99.82
1095	Victoria Cross Apartments	3	98	37.16	37.28	Pass	99.68
1096	Victoria Cross Apartments	3	99	37.62	37.36	Pass	100.70
1097	Victoria Cross Apartments	3	100	37.9	37.88	Pass	100.05
1098	Victoria Cross Apartments	3	101	37.96	37.95	Pass	100.03
1099	Victoria Cross Apartments	3	102	37.67	37.77	Pass	99.74
1100	Victoria Cross Apartments	3	103	37.61	37.69	Pass	99.79
1101	Victoria Cross Apartments	3	104	36.62	36.62	Pass	100.00
1102	Victoria Cross Apartments	3	105	36.74	36.77	Pass	99.92
1103	Victoria Cross Apartments	3	106	36.97	37.2	Pass	99.38
1104	Victoria Cross Apartments	3	107	36.9	37.04	Pass	99.62
1105	Victoria Cross Apartments	3	108	36.46	36.58	Pass	99.67
1106	Victoria Cross Apartments	3	109	35.73	35.78	Pass	99.86
1107	Victoria Cross Apartments	3	110	35.9	35.94	Pass	99.89
1108	Victoria Cross Apartments	3	111	35.49	35.85	Pass	99.00
1109	Victoria Cross Apartments	3	112	35.37	35.66	Pass	99.19
1110	Victoria Cross Apartments	3	113	37.02	36.79	Pass	100.63
1111	Victoria Cross Apartments	3	114	37.09	36.89	Pass	100.54
1112	Victoria Cross Apartments	3	115	37	37.11	Pass	99.70
1113	Victoria Cross Apartments	3	116	37.06	37.05	Pass	100.03

Pass2: VSC value is below target of 27% but has not been reduced to less than 80% of its pre-development value.

APPENDIX C | AVERAGE DAYLIGHT FACTOR RESULTS

Bedroom ADF Results

Bedrooms			
Reference No.	Zone	Average Daylight Factor (%)	Meets BRE Recommendation
1	L00: BEDROOM 04	2.877	Yes
2	L00: BEDROOM 03	2.763	Yes
3	L00: BEDROOM 05	2.731	Yes
4	L00: BEDROOM 01	2.805	Yes
5	L00: BEDROOM 02	2.549	Yes
6	L00: BEDROOM 06	2.842	Yes
7	L00: BEDROOM 07	2.722	Yes
8	L00: BEDROOM 09	2.786	Yes
9	L00: BEDROOM 10	2.719	Yes
10	L00: BEDROOM 11	1.776	Yes
11	L01: BEDROOM 14	1.731	Yes
12	L01: BEDROOM 15	1.817	Yes
13	L01: BEDROOM 16	1.796	Yes
14	L01: BEDROOM 13	1.787	Yes
15	L01: BEDROOM 18	2.31	Yes
16	L01: BEDROOM 17	0.467	No
17	L01: BEDROOM 05	1.64	Yes
18	L01: BEDROOM 04	1.629	Yes
19	L01: BEDROOM 01	1.407	Yes
20	L01: BEDROOM 02	1.914	Yes
21	L01: BEDROOM 03	1.576	Yes
22	L01: BEDROOM 06	1.648	Yes
23	L01: BEDROOM 07	1.651	Yes
24	L01: BEDROOM 31	3.709	Yes
25	L01: BEDROOM 30	4.928	Yes
26	L01: BEDROOM 09	1.062	Yes
27	L01: BEDROOM 08	1.126	Yes
28	L01: BEDROOM 10	0.992	No
29	L01: BEDROOM 11	0.848	No
30	L01: BEDROOM 12	1.559	Yes
31	L01: BEDROOM 19	1.768	Yes
32	L01: BEDROOM 20	3.664	Yes
33	L01: BEDROOM 21	3.965	Yes
34	L01: BEDROOM 22	3.76	Yes

Bedrooms	Bedrooms	Bedrooms	Bedrooms
35	L01: BEDROOM 23	3.92	Yes
36	L01: BEDROOM 24	3.996	Yes
37	L01: BEDROOM 25	3.251	Yes
38	L01: BEDROOM 26	3.312	Yes
39	L01: BEDROOM 29	3.555	Yes
40	L01: BEDROOM 28	3.538	Yes
41	L01: BEDROOM 27	3.429	Yes
42	L01: BEDROOM 36	4.046	Yes
43	L01: BEDROOM 35	3.852	Yes
44	L01: BEDROOM 34	3.989	Yes
45	L01: BEDROOM 33	3.839	Yes
46	L01: BEDROOM 32	3.993	Yes
47	L03: BEDROOM 03	1.795	Yes
48	L03: BEDROOM 01	1.98	Yes
49	L03: BEDROOM 02	1.971	Yes
50	L03: BEDROOM 04	1.943	Yes
51	L03: BEDROOM 05	1.876	Yes
52	L03: BEDROOM 06	1.959	Yes
53	L03: BEDROOM 07	1.8	Yes
54	L03: BEDROOM 34	3.787	Yes
55	L03: BEDROOM 33	5.116	Yes
56	L03: BEDROOM 09	1.168	Yes
57	L03: BEDROOM 08	1.185	Yes
58	L03: BEDROOM 10	1.1	Yes
59	L03: BEDROOM 11	0.977	No
60	L03: BEDROOM 40	1.722	Yes
61	L03: BEDROOM 12	2.598	Yes
62	L03: BEDROOM 13	3.769	Yes
63	L03: BEDROOM 14	3.641	Yes
64	L03: BEDROOM 15	3.429	Yes
65	L03: BEDROOM 16	2.562	Yes
66	L03: BEDROOM 17	2.987	Yes
67	L03: BEDROOM 18	3.041	Yes
68	L03: BEDROOM 19	2.772	Yes
69	L03: BEDROOM 20	2.677	Yes
70	L03: BEDROOM 21	0.748	No
71	L03: BEDROOM 22	1.87	Yes
72	L03: BEDROOM 23	4.211	Yes
73	L03: BEDROOM 24	4.441	Yes
74	L03: BEDROOM 25	4.28	Yes
75	L03: BEDROOM 26	4.318	Yes
76	L03: BEDROOM 27	4.484	Yes

Bedrooms	Bedrooms	Bedrooms	Bedrooms
77	L03: BEDROOM 28	3.507	Yes
78	L03: BEDROOM 29	3.652	Yes
79	L03: BEDROOM 30	3.686	Yes
80	L03: BEDROOM 31	3.71	Yes
81	L03: BEDROOM 32	3.662	Yes
82	L03: BEDROOM 39	4.233	Yes
83	L03: BEDROOM 38	3.951	Yes
84	L03: BEDROOM 37	4.105	Yes
85	L03: BEDROOM 36	3.965	Yes
86	L03: BEDROOM 35	4.062	Yes
87	L04: BEDROOM 03	1.841	Yes
88	L04: BEDROOM 01	1.965	Yes
89	L04: BEDROOM 02	1.988	Yes
90	L04: BEDROOM 04	1.946	Yes
91	L04: BEDROOM 05	1.901	Yes
92	L04: BEDROOM 06	1.92	Yes
93	L04: BEDROOM 07	1.809	Yes
94	L04: BEDROOM 34	3.857	Yes
95	L04: BEDROOM 33	5.172	Yes
96	L04: BEDROOM 09	1.013	Yes
97	L04: BEDROOM 08	1.022	Yes
98	L04: BEDROOM 10	1.183	Yes
99	L04: BEDROOM 11	1.119	Yes
100	L04: BEDROOM 40	1.763	Yes
101	L04: BEDROOM 12	2.67	Yes
102	L04: BEDROOM 13	3.879	Yes
103	L04: BEDROOM 14	3.878	Yes
104	L04: BEDROOM 15	3.658	Yes
105	L04: BEDROOM 16	2.666	Yes
106	L04: BEDROOM 18	3.643	Yes
107	L04: BEDROOM 17	3.525	Yes
108	L04: BEDROOM 19	3.36	Yes
109	L04: BEDROOM 20	3.131	Yes
110	L04: BEDROOM 21	1.02	Yes
111	L04: BEDROOM 22	2.137	Yes
112	L04: BEDROOM 23	4.352	Yes
113	L04: BEDROOM 24	4.593	Yes
114	L04: BEDROOM 25	4.393	Yes
115	L04: BEDROOM 26	4.441	Yes
116	L04: BEDROOM 27	4.555	Yes
117	L04: BEDROOM 28	3.568	Yes
118	L04: BEDROOM 29	3.71	Yes

Bedrooms	Bedrooms	Bedrooms	Bedrooms
119	L04: BEDROOM 30	3.772	Yes
120	L04: BEDROOM 31	3.759	Yes
121	L04: BEDROOM 32	3.74	Yes
122	L04: BEDROOM 35	4.112	Yes
123	L04: BEDROOM 39	4.214	Yes
124	L04: BEDROOM 38	4.037	Yes
125	L04: BEDROOM 37	4.1	Yes
126	L04: BEDROOM 36	3.928	Yes
127	L05: BEDROOM 03	1.961	Yes
128	L05: BEDROOM 01	2.107	Yes
129	L05: BEDROOM 02	2.166	Yes
130	L05: BEDROOM 04	2.089	Yes
131	L05: BEDROOM 05	2.017	Yes
132	L05: BEDROOM 06	2.084	Yes
133	L05: BEDROOM 07	1.978	Yes
134	L05: BEDROOM 34	4.027	Yes
135	L05: BEDROOM 33	5.401	Yes
136	L05: BEDROOM 09	1.098	Yes
137	L05: BEDROOM 08	1.096	Yes
138	L05: BEDROOM 10	1.109	Yes
139	L05: BEDROOM 11	1.162	Yes
140	L05: BEDROOM 40	2.06	Yes
141	L05: BEDROOM 12	2.838	Yes
142	L05: BEDROOM 13	4.236	Yes
143	L05: BEDROOM 14	4.233	Yes
144	L05: BEDROOM 15	4.178	Yes
145	L05: BEDROOM 16	3.324	Yes
146	L05: BEDROOM 18	4.824	Yes
147	L05: BEDROOM 17	4.135	Yes
148	L05: BEDROOM 19	4.099	Yes
149	L05: BEDROOM 20	4.332	Yes
150	L05: BEDROOM 21	2.166	Yes
151	L05: BEDROOM 22	3.439	Yes
152	L05: BEDROOM 23	4.66	Yes
153	L05: BEDROOM 24	4.898	Yes
154	L05: BEDROOM 25	4.601	Yes
155	L05: BEDROOM 26	4.697	Yes
156	L05: BEDROOM 27	4.765	Yes
157	L05: BEDROOM 28	3.727	Yes
158	L05: BEDROOM 29	3.804	Yes
159	L05: BEDROOM 30	3.899	Yes
160	L05: BEDROOM 31	3.885	Yes

Bedrooms	Bedrooms	Bedrooms	Bedrooms
161	L05: BEDROOM 32	3.872	Yes
162	L05: BEDROOM 35	4.373	Yes
163	L05: BEDROOM 39	4.479	Yes
164	L05: BEDROOM 38	4.189	Yes
165	L05: BEDROOM 37	4.242	Yes
166	L05: BEDROOM 36	4.154	Yes
167	L02: BEDROOM 03	1.836	Yes
168	L02: BEDROOM 01	1.958	Yes
169	L02: BEDROOM 07	1.799	Yes
170	L02: BEDROOM 06	1.926	Yes
171	L02: BEDROOM 05	1.848	Yes
172	L02: BEDROOM 04	1.91	Yes
173	L02: BEDROOM 02	1.934	Yes
174	L02: BEDROOM 34	3.754	Yes
175	L02: BEDROOM 33	5.014	Yes
176	L02: BEDROOM 09	1.136	Yes
177	L02: BEDROOM 08	1.181	Yes
178	L02: BEDROOM 10	1.036	Yes
179	L02: BEDROOM 11	0.89	No
180	L02: BEDROOM 40	1.653	Yes
181	L02: BEDROOM 12	2.49	Yes
182	L02: BEDROOM 13	3.518	Yes
183	L02: BEDROOM 14	3.445	Yes
184	L02: BEDROOM 15	3.297	Yes
185	L02: BEDROOM 16	2.45	Yes
186	L02: BEDROOM 17	2.432	Yes
187	L02: BEDROOM 18	2.503	Yes
188	L02: BEDROOM 19	2.207	Yes
189	L02: BEDROOM 20	2.118	Yes
190	L02: BEDROOM 21	0.598	No
191	L02: BEDROOM 22	1.789	Yes
192	L02: BEDROOM 23	3.965	Yes
193	L02: BEDROOM 24	4.274	Yes
194	L02: BEDROOM 25	4.018	Yes
195	L02: BEDROOM 26	4.189	Yes
196	L02: BEDROOM 27	4.256	Yes
197	L02: BEDROOM 28	3.394	Yes
198	L02: BEDROOM 29	3.488	Yes
199	L02: BEDROOM 30	3.612	Yes
200	L02: BEDROOM 31	3.648	Yes
201	L02: BEDROOM 32	3.65	Yes
202	L02: BEDROOM 35	4.054	Yes

Bedrooms	Bedrooms	Bedrooms	Bedrooms
203	L02: BEDROOM 39	4.188	Yes
204	L02: BEDROOM 38	3.857	Yes
205	L02: BEDROOM 37	4.093	Yes
206	L02: BEDROOM 36	3.873	Yes

Kitchen/Living Room ADF Results

Kitchen/Living/Dining				
Block	Zone	Average Daylight Factor (%)	Meets BRE Recommendation (2%)	Meets BRE Recommendation (1.5%)
1	L00: KDL	2.0	Yes	Yes
2	L01: KDL 03	3.23	Yes	Yes
3	L01: KDL 01	2.21	Yes	Yes
4	L01: KDL 04	2.66	Yes	Yes
5	L01: KDL 02	4.33	Yes	Yes
6	L03: KDL 01	2.66	Yes	Yes
7	L03: KDL 03	3.29	Yes	Yes
8	L03: KDL 04	3.07	Yes	Yes
9	L03: KDL 02	4.37	Yes	Yes
10	L04: KDL 01	2.70	Yes	Yes
11	L04: KDL 03	3.28	Yes	Yes
12	L04: KDL 04	3.27	Yes	Yes
13	L04: KDL 02	4.41	Yes	Yes
14	L05: KDL 01	2.80	Yes	Yes
15	L05: KDL 03	3.39	Yes	Yes
16	L05: KDL 04	3.41	Yes	Yes
17	L05: KDL 02	7.30	Yes	Yes
18	L02: KDL 01	2.66	Yes	Yes
19	L02: KDL 03	3.18	Yes	Yes
20	L02: KDL 04	2.91	Yes	Yes
21	L02: KDL 02	4.40	Yes	Yes

APPENDIX D | SPATIAL DAYLIGHT AUTONOMY (sDA) RESULTS – BS EN17037

Kitchen/Living

Reference Number	Room	% Area achieving 200 Lux	BS EN 17037 Compliant
1	L00: KDL	100	Yes
2	L01: KDL 03	100	Yes
3	L01: KDL 01	100	Yes
4	L01: KDL 04	100	Yes
5	L01: KDL 02	100	Yes
6	L03: KDL 01	100	Yes
7	L03: KDL 03	100	Yes
8	L03: KDL 04	100	Yes
9	L03: KDL 02	100	Yes
10	L04: KDL 01	100	Yes
11	L04: KDL 03	100	Yes
12	L04: KDL 04	100	Yes
13	L04: KDL 02	100	Yes
14	L05: KDL 01	100	Yes
15	L05: KDL 03	100	Yes
16	L05: KDL 04	100	Yes
17	L05: KDL 02	100	Yes
18	L02: KDL 01	100	Yes
19	L02: KDL 03	100	Yes
20	L02: KDL 04	100	Yes
21	L02: KDL 02	100	Yes

Bedrooms

Reference Number	Room	% Area achieving 100 Lux	BS EN 17037 Compliant
1	L00: BEDROOM 04	100	Yes
2	L00: BEDROOM 03	100	Yes
3	L00: BEDROOM 05	100	Yes
4	L00: BEDROOM 01	100	Yes
5	L00: BEDROOM 02	100	Yes
6	L00: BEDROOM 06	100	Yes
7	L00: BEDROOM 07	100	Yes
8	L00: BEDROOM 08	100	Yes
9	L00: BEDROOM 09	100	Yes
10	L00: BEDROOM 10	100	Yes
11	L00: BEDROOM 11	66.892	Yes
12	L01: BEDROOM 14	100	Yes
13	L01: BEDROOM 15	100	Yes
14	L01: BEDROOM 16	92.5	Yes
15	L01: BEDROOM 13	92.857	Yes
16	L01: BEDROOM 18	100	Yes
17	L01: BEDROOM 17	24.771	No
18	L01: BEDROOM 05	100	Yes
19	L01: BEDROOM 04	100	Yes
20	L01: BEDROOM 01	100	Yes
21	L01: BEDROOM 02	100	Yes
22	L01: BEDROOM 03	100	Yes
23	L01: BEDROOM 06	100	Yes
24	L01: BEDROOM 07	100	Yes
25	L01: BEDROOM 31	100	Yes
26	L01: BEDROOM 30	100	Yes
27	L01: BEDROOM 09	87.619	Yes
28	L01: BEDROOM 08	91.489	Yes
29	L01: BEDROOM 10	74.51	Yes
30	L01: BEDROOM 11	76.768	Yes
31	L01: BEDROOM 12	89.552	Yes
32	L01: BEDROOM 19	85.294	Yes
33	L01: BEDROOM 20	100	Yes
34	L01: BEDROOM 21	100	Yes
35	L01: BEDROOM 22	100	Yes
36	L01: BEDROOM 23	100	Yes
37	L01: BEDROOM 24	100	Yes
38	L01: BEDROOM 25	100	Yes
39	L01: BEDROOM 26	100	Yes

Reference Number	Room	% Area achieving 100 Lux	BS EN 17037 Compliant
40	L01: BEDROOM 29	100	Yes
41	L01: BEDROOM 28	100	Yes
42	L01: BEDROOM 27	100	Yes
43	L01: BEDROOM 36	100	Yes
44	L01: BEDROOM 35	100	Yes
45	L01: BEDROOM 34	100	Yes
46	L01: BEDROOM 33	100	Yes
47	L01: BEDROOM 32	100	Yes
48	L03: BEDROOM 03	100	Yes
49	L03: BEDROOM 01	100	Yes
50	L03: BEDROOM 02	100	Yes
51	L03: BEDROOM 04	100	Yes
52	L03: BEDROOM 05	100	Yes
53	L03: BEDROOM 06	100	Yes
54	L03: BEDROOM 07	100	Yes
55	L03: BEDROOM 34	100	Yes
56	L03: BEDROOM 33	100	Yes
57	L03: BEDROOM 09	95.238	Yes
58	L03: BEDROOM 08	96.809	Yes
59	L03: BEDROOM 10	90.196	Yes
60	L03: BEDROOM 11	85.859	Yes
61	L03: BEDROOM 40	93.284	Yes
62	L03: BEDROOM 12	100	Yes
63	L03: BEDROOM 13	100	Yes
64	L03: BEDROOM 14	100	Yes
65	L03: BEDROOM 15	100	Yes
66	L03: BEDROOM 16	100	Yes
67	L03: BEDROOM 17	100	Yes
68	L03: BEDROOM 18	100	Yes
69	L03: BEDROOM 19	100	Yes
70	L03: BEDROOM 20	100	Yes
71	L03: BEDROOM 21	43.119	No
72	L03: BEDROOM 22	94.118	Yes
73	L03: BEDROOM 23	100	Yes
74	L03: BEDROOM 24	100	Yes
75	L03: BEDROOM 25	100	Yes
76	L03: BEDROOM 26	100	Yes
77	L03: BEDROOM 27	100	Yes
78	L03: BEDROOM 28	100	Yes
79	L03: BEDROOM 29	100	Yes
80	L03: BEDROOM 30	100	Yes

Reference Number	Room	% Area achieving 100 Lux	BS EN 17037 Compliant
81	L03: BEDROOM 31	100	Yes
82	L03: BEDROOM 32	100	Yes
83	L03: BEDROOM 39	100	Yes
84	L03: BEDROOM 38	100	Yes
85	L03: BEDROOM 37	100	Yes
86	L03: BEDROOM 36	100	Yes
87	L03: BEDROOM 35	100	Yes
88	L04: BEDROOM 03	100	Yes
89	L04: BEDROOM 01	100	Yes
90	L04: BEDROOM 02	100	Yes
91	L04: BEDROOM 04	100	Yes
92	L04: BEDROOM 05	100	Yes
93	L04: BEDROOM 06	100	Yes
94	L04: BEDROOM 07	100	Yes
95	L04: BEDROOM 34	100	Yes
96	L04: BEDROOM 33	100	Yes
97	L04: BEDROOM 09	74.306	Yes
98	L04: BEDROOM 08	78.261	Yes
99	L04: BEDROOM 10	97.917	Yes
100	L04: BEDROOM 11	92.857	Yes
101	L04: BEDROOM 40	97.761	Yes
102	L04: BEDROOM 12	100	Yes
103	L04: BEDROOM 13	100	Yes
104	L04: BEDROOM 14	100	Yes
105	L04: BEDROOM 15	100	Yes
106	L04: BEDROOM 16	100	Yes
107	L04: BEDROOM 18	100	Yes
108	L04: BEDROOM 17	100	Yes
109	L04: BEDROOM 19	100	Yes
110	L04: BEDROOM 20	100	Yes
111	L04: BEDROOM 21	44.954	No
112	L04: BEDROOM 22	100	Yes
113	L04: BEDROOM 23	100	Yes
114	L04: BEDROOM 24	100	Yes
115	L04: BEDROOM 25	100	Yes
116	L04: BEDROOM 26	100	Yes
117	L04: BEDROOM 27	100	Yes
118	L04: BEDROOM 28	100	Yes
119	L04: BEDROOM 29	100	Yes
120	L04: BEDROOM 30	100	Yes
121	L04: BEDROOM 31	100	Yes

Reference Number	Room	% Area achieving 100 Lux	BS EN 17037 Compliant
122	L04: BEDROOM 32	100	Yes
123	L04: BEDROOM 35	100	Yes
124	L04: BEDROOM 39	100	Yes
125	L04: BEDROOM 38	100	Yes
126	L04: BEDROOM 37	100	Yes
127	L04: BEDROOM 36	100	Yes
128	L05: BEDROOM 03	100	Yes
129	L05: BEDROOM 01	100	Yes
130	L05: BEDROOM 02	100	Yes
131	L05: BEDROOM 04	100	Yes
132	L05: BEDROOM 05	100	Yes
133	L05: BEDROOM 06	100	Yes
134	L05: BEDROOM 07	100	Yes
135	L05: BEDROOM 34	100	Yes
136	L05: BEDROOM 33	100	Yes
137	L05: BEDROOM 09	77.778	Yes
138	L05: BEDROOM 08	80.435	Yes
139	L05: BEDROOM 10	81.159	Yes
140	L05: BEDROOM 11	81.25	Yes
141	L05: BEDROOM 40	97.015	Yes
142	L05: BEDROOM 12	100	Yes
143	L05: BEDROOM 13	100	Yes
144	L05: BEDROOM 14	100	Yes
145	L05: BEDROOM 15	100	Yes
146	L05: BEDROOM 16	100	Yes
147	L05: BEDROOM 18	100	Yes
148	L05: BEDROOM 17	100	Yes
149	L05: BEDROOM 19	100	Yes
150	L05: BEDROOM 20	100	Yes
151	L05: BEDROOM 21	85.321	Yes
152	L05: BEDROOM 22	100	Yes
153	L05: BEDROOM 23	100	Yes
154	L05: BEDROOM 24	100	Yes
155	L05: BEDROOM 25	100	Yes
156	L05: BEDROOM 26	100	Yes
157	L05: BEDROOM 27	100	Yes
158	L05: BEDROOM 28	100	Yes
159	L05: BEDROOM 29	100	Yes
160	L05: BEDROOM 30	100	Yes
161	L05: BEDROOM 31	100	Yes
162	L05: BEDROOM 32	100	Yes

Reference Number	Room	% Area achieving 100 Lux	BS EN 17037 Compliant
163	L05: BEDROOM 35	100	Yes
164	L05: BEDROOM 39	100	Yes
165	L05: BEDROOM 38	100	Yes
166	L05: BEDROOM 37	100	Yes
167	L05: BEDROOM 36	100	Yes
168	L02: BEDROOM 03	100	Yes
169	L02: BEDROOM 01	100	Yes
170	L02: BEDROOM 07	100	Yes
171	L02: BEDROOM 06	100	Yes
172	L02: BEDROOM 05	100	Yes
173	L02: BEDROOM 04	100	Yes
174	L02: BEDROOM 02	100	Yes
175	L02: BEDROOM 34	100	Yes
176	L02: BEDROOM 33	100	Yes
177	L02: BEDROOM 09	91.429	Yes
178	L02: BEDROOM 08	97.895	Yes
179	L02: BEDROOM 10	82.353	Yes
180	L02: BEDROOM 11	78.788	Yes
181	L02: BEDROOM 40	90.299	Yes
182	L02: BEDROOM 12	97.674	Yes
183	L02: BEDROOM 13	100	Yes
184	L02: BEDROOM 14	100	Yes
185	L02: BEDROOM 15	100	Yes
186	L02: BEDROOM 16	100	Yes
187	L02: BEDROOM 17	100	Yes
188	L02: BEDROOM 18	100	Yes
189	L02: BEDROOM 19	100	Yes
190	L02: BEDROOM 20	94.059	Yes
191	L02: BEDROOM 21	38.532	No
192	L02: BEDROOM 22	94.118	Yes
193	L02: BEDROOM 23	100	Yes
194	L02: BEDROOM 24	100	Yes
195	L02: BEDROOM 25	100	Yes
196	L02: BEDROOM 26	100	Yes
197	L02: BEDROOM 27	100	Yes
198	L02: BEDROOM 28	100	Yes
199	L02: BEDROOM 29	100	Yes
200	L02: BEDROOM 30	100	Yes
201	L02: BEDROOM 31	100	Yes
202	L02: BEDROOM 32	100	Yes
203	L02: BEDROOM 35	100	Yes

Reference Number	Room	% Area achieving 100 Lux	BS EN 17037 Compliant
204	L02: BEDROOM 39	100	Yes
205	L02: BEDROOM 38	100	Yes
206	L02: BEDROOM 37	100	Yes
207	L02: BEDROOM 36	100	Yes

APPENDIX E | SPATIAL DAYLIGHT AUTONOMY (sDA) RESULTS – EN17037

Reference Number	Room	% Area achieving 300 Lux	% Area achieving 100 Lux	EN 17037 Compliant
1	L00: BEDROOM 04	Yes	Yes	Yes
2	L00: BEDROOM 03	Yes	Yes	Yes
3	L00: BEDROOM 05	Yes	Yes	Yes
4	L00: BEDROOM 01	Yes	Yes	Yes
5	L00: BEDROOM 02	Yes	Yes	Yes
6	L00: BEDROOM 06	Yes	Yes	Yes
7	L00: BEDROOM 07	Yes	Yes	Yes
8	L00: BEDROOM 08	Yes	Yes	Yes
9	L00: BEDROOM 09	Yes	Yes	Yes
10	L00: BEDROOM 10	No	Yes	No
11	L00: BEDROOM 11	No	No	No
12	L01: BEDROOM 14	No	Yes	No
13	L01: BEDROOM 15	No	Yes	No
14	L01: BEDROOM 16	No	No	No
15	L01: BEDROOM 13	Yes	No	No
16	L01: BEDROOM 18	No	Yes	No
17	L01: BEDROOM 17	Yes	No	No
18	L01: BEDROOM 05	Yes	Yes	Yes
19	L01: BEDROOM 04	Yes	Yes	Yes
20	L01: BEDROOM 01	Yes	Yes	Yes
21	L01: BEDROOM 02	Yes	Yes	Yes
22	L01: BEDROOM 03	Yes	Yes	Yes
23	L01: BEDROOM 06	Yes	Yes	Yes
24	L01: BEDROOM 07	Yes	Yes	Yes
25	L01: BEDROOM 31	Yes	Yes	Yes
26	L01: BEDROOM 30	No	Yes	No
27	L01: BEDROOM 09	No	No	No
28	L01: BEDROOM 08	No	No	No
29	L01: BEDROOM 10	No	No	No
30	L01: BEDROOM 11	No	No	No
31	L01: BEDROOM 12	Yes	No	No
32	L01: BEDROOM 19	Yes	No	No
33	L01: BEDROOM 20	Yes	Yes	Yes
34	L01: BEDROOM 21	Yes	Yes	Yes
35	L01: BEDROOM 22	Yes	Yes	Yes
36	L01: BEDROOM 23	Yes	Yes	Yes
37	L01: BEDROOM 24	Yes	Yes	Yes
38	L01: BEDROOM 25	Yes	Yes	Yes

Reference Number	Room	% Area achieving 300 Lux	% Area achieving 100 Lux	EN 17037 Compliant
39	L01: BEDROOM 26	Yes	Yes	Yes
40	L01: BEDROOM 29	Yes	Yes	Yes
41	L01: BEDROOM 28	Yes	Yes	Yes
42	L01: BEDROOM 27	Yes	Yes	Yes
43	L01: BEDROOM 36	Yes	Yes	Yes
44	L01: BEDROOM 35	Yes	Yes	Yes
45	L01: BEDROOM 34	Yes	Yes	Yes
46	L01: BEDROOM 33	Yes	Yes	Yes
47	L01: BEDROOM 32	Yes	Yes	Yes
48	L03: BEDROOM 03	Yes	Yes	Yes
49	L03: BEDROOM 01	Yes	Yes	Yes
50	L03: BEDROOM 02	Yes	Yes	Yes
51	L03: BEDROOM 04	Yes	Yes	Yes
52	L03: BEDROOM 05	Yes	Yes	Yes
53	L03: BEDROOM 06	Yes	Yes	Yes
54	L03: BEDROOM 07	Yes	Yes	Yes
55	L03: BEDROOM 34	Yes	Yes	Yes
56	L03: BEDROOM 33	No	Yes	No
57	L03: BEDROOM 09	No	Yes	No
58	L03: BEDROOM 08	No	Yes	No
59	L03: BEDROOM 10	No	No	No
60	L03: BEDROOM 11	No	No	No
61	L03: BEDROOM 40	Yes	No	No
62	L03: BEDROOM 12	Yes	Yes	Yes
63	L03: BEDROOM 13	Yes	Yes	Yes
64	L03: BEDROOM 14	Yes	Yes	Yes
65	L03: BEDROOM 15	Yes	Yes	Yes
66	L03: BEDROOM 16	Yes	Yes	Yes
67	L03: BEDROOM 17	Yes	Yes	Yes
68	L03: BEDROOM 18	Yes	Yes	Yes
69	L03: BEDROOM 19	Yes	Yes	Yes
70	L03: BEDROOM 20	No	Yes	No
71	L03: BEDROOM 21	Yes	No	No
72	L03: BEDROOM 22	Yes	No	No
73	L03: BEDROOM 23	Yes	Yes	Yes
74	L03: BEDROOM 24	Yes	Yes	Yes
75	L03: BEDROOM 25	Yes	Yes	Yes
76	L03: BEDROOM 26	Yes	Yes	Yes
77	L03: BEDROOM 27	Yes	Yes	Yes
78	L03: BEDROOM 28	Yes	Yes	Yes
79	L03: BEDROOM 29	Yes	Yes	Yes

Reference Number	Room	% Area achieving 300 Lux	% Area achieving 100 Lux	EN 17037 Compliant
80	L03: BEDROOM 30	Yes	Yes	Yes
81	L03: BEDROOM 31	Yes	Yes	Yes
82	L03: BEDROOM 32	Yes	Yes	Yes
83	L03: BEDROOM 39	Yes	Yes	Yes
84	L03: BEDROOM 38	Yes	Yes	Yes
85	L03: BEDROOM 37	Yes	Yes	Yes
86	L03: BEDROOM 36	Yes	Yes	Yes
87	L03: BEDROOM 35	Yes	Yes	Yes
88	L04: BEDROOM 03	Yes	Yes	Yes
89	L04: BEDROOM 01	Yes	Yes	Yes
90	L04: BEDROOM 02	Yes	Yes	Yes
91	L04: BEDROOM 04	Yes	Yes	Yes
92	L04: BEDROOM 05	Yes	Yes	Yes
93	L04: BEDROOM 06	Yes	Yes	Yes
94	L04: BEDROOM 07	Yes	Yes	Yes
95	L04: BEDROOM 34	Yes	Yes	Yes
96	L04: BEDROOM 33	No	Yes	No
97	L04: BEDROOM 09	No	No	No
98	L04: BEDROOM 08	No	No	No
99	L04: BEDROOM 10	No	Yes	No
100	L04: BEDROOM 11	No	No	No
101	L04: BEDROOM 40	Yes	Yes	Yes
102	L04: BEDROOM 12	Yes	Yes	Yes
103	L04: BEDROOM 13	Yes	Yes	Yes
104	L04: BEDROOM 14	Yes	Yes	Yes
105	L04: BEDROOM 15	Yes	Yes	Yes
106	L04: BEDROOM 16	Yes	Yes	Yes
107	L04: BEDROOM 18	Yes	Yes	Yes
108	L04: BEDROOM 17	Yes	Yes	Yes
109	L04: BEDROOM 19	Yes	Yes	Yes
110	L04: BEDROOM 20	No	Yes	No
111	L04: BEDROOM 21	Yes	No	No
112	L04: BEDROOM 22	Yes	Yes	Yes
113	L04: BEDROOM 23	Yes	Yes	Yes
114	L04: BEDROOM 24	Yes	Yes	Yes
115	L04: BEDROOM 25	Yes	Yes	Yes
116	L04: BEDROOM 26	Yes	Yes	Yes
117	L04: BEDROOM 27	Yes	Yes	Yes
118	L04: BEDROOM 28	Yes	Yes	Yes
119	L04: BEDROOM 29	Yes	Yes	Yes
120	L04: BEDROOM 30	Yes	Yes	Yes

Reference Number	Room	% Area achieving 300 Lux	% Area achieving 100 Lux	EN 17037 Compliant
121	L04: BEDROOM 31	Yes	Yes	Yes
122	L04: BEDROOM 32	Yes	Yes	Yes
123	L04: BEDROOM 35	Yes	Yes	Yes
124	L04: BEDROOM 39	Yes	Yes	Yes
125	L04: BEDROOM 38	Yes	Yes	Yes
126	L04: BEDROOM 37	Yes	Yes	Yes
127	L04: BEDROOM 36	Yes	Yes	Yes
128	L05: BEDROOM 03	Yes	Yes	Yes
129	L05: BEDROOM 01	Yes	Yes	Yes
130	L05: BEDROOM 02	Yes	Yes	Yes
131	L05: BEDROOM 04	Yes	Yes	Yes
132	L05: BEDROOM 05	Yes	Yes	Yes
133	L05: BEDROOM 06	Yes	Yes	Yes
134	L05: BEDROOM 07	Yes	Yes	Yes
135	L05: BEDROOM 34	Yes	Yes	Yes
136	L05: BEDROOM 33	No	Yes	No
137	L05: BEDROOM 09	No	No	No
138	L05: BEDROOM 08	No	No	No
139	L05: BEDROOM 10	No	No	No
140	L05: BEDROOM 11	Yes	No	No
141	L05: BEDROOM 40	Yes	Yes	Yes
142	L05: BEDROOM 12	Yes	Yes	Yes
143	L05: BEDROOM 13	Yes	Yes	Yes
144	L05: BEDROOM 14	Yes	Yes	Yes
145	L05: BEDROOM 15	Yes	Yes	Yes
146	L05: BEDROOM 16	Yes	Yes	Yes
147	L05: BEDROOM 18	Yes	Yes	Yes
148	L05: BEDROOM 17	Yes	Yes	Yes
149	L05: BEDROOM 19	Yes	Yes	Yes
150	L05: BEDROOM 20	Yes	Yes	Yes
151	L05: BEDROOM 21	Yes	No	No
152	L05: BEDROOM 22	Yes	Yes	Yes
153	L05: BEDROOM 23	Yes	Yes	Yes
154	L05: BEDROOM 24	Yes	Yes	Yes
155	L05: BEDROOM 25	Yes	Yes	Yes
156	L05: BEDROOM 26	Yes	Yes	Yes
157	L05: BEDROOM 27	Yes	Yes	Yes
158	L05: BEDROOM 28	Yes	Yes	Yes
159	L05: BEDROOM 29	Yes	Yes	Yes
160	L05: BEDROOM 30	Yes	Yes	Yes
161	L05: BEDROOM 31	Yes	Yes	Yes

Reference Number	Room	% Area achieving 300 Lux	% Area achieving 100 Lux	EN 17037 Compliant
162	L05: BEDROOM 32	Yes	Yes	Yes
163	L05: BEDROOM 35	Yes	Yes	Yes
164	L05: BEDROOM 39	Yes	Yes	Yes
165	L05: BEDROOM 38	Yes	Yes	Yes
166	L05: BEDROOM 37	Yes	Yes	Yes
167	L05: BEDROOM 36	Yes	Yes	Yes
168	L02: BEDROOM 03	Yes	Yes	Yes
169	L02: BEDROOM 01	Yes	Yes	Yes
170	L02: BEDROOM 07	Yes	Yes	Yes
171	L02: BEDROOM 06	Yes	Yes	Yes
172	L02: BEDROOM 05	Yes	Yes	Yes
173	L02: BEDROOM 04	Yes	Yes	Yes
174	L02: BEDROOM 02	Yes	Yes	Yes
175	L02: BEDROOM 34	Yes	Yes	Yes
176	L02: BEDROOM 33	No	Yes	No
177	L02: BEDROOM 09	No	No	No
178	L02: BEDROOM 08	No	Yes	No
179	L02: BEDROOM 10	No	No	No
180	L02: BEDROOM 11	No	No	No
181	L02: BEDROOM 40	Yes	No	No
182	L02: BEDROOM 12	Yes	Yes	Yes
183	L02: BEDROOM 13	Yes	Yes	Yes
184	L02: BEDROOM 14	Yes	Yes	Yes
185	L02: BEDROOM 15	Yes	Yes	Yes
186	L02: BEDROOM 16	Yes	Yes	Yes
187	L02: BEDROOM 17	Yes	Yes	Yes
188	L02: BEDROOM 18	Yes	Yes	Yes
189	L02: BEDROOM 19	Yes	Yes	Yes
190	L02: BEDROOM 20	No	No	No
191	L02: BEDROOM 21	Yes	No	No
192	L02: BEDROOM 22	Yes	No	No
193	L02: BEDROOM 23	Yes	Yes	Yes
194	L02: BEDROOM 24	Yes	Yes	Yes
195	L02: BEDROOM 25	Yes	Yes	Yes
196	L02: BEDROOM 26	Yes	Yes	Yes
197	L02: BEDROOM 27	Yes	Yes	Yes
198	L02: BEDROOM 28	Yes	Yes	Yes
199	L02: BEDROOM 29	Yes	Yes	Yes
200	L02: BEDROOM 30	Yes	Yes	Yes
201	L02: BEDROOM 31	Yes	Yes	Yes
202	L02: BEDROOM 32	Yes	Yes	Yes

Reference Number	Room	% Area achieving 300 Lux	% Area achieving 100 Lux	EN 17037 Compliant
203	L02: BEDROOM 35	Yes	Yes	Yes
204	L02: BEDROOM 39	Yes	Yes	Yes
205	L02: BEDROOM 38	Yes	Yes	Yes
206	L02: BEDROOM 37	Yes	Yes	Yes
207	L02: BEDROOM 36	Yes	Yes	Yes