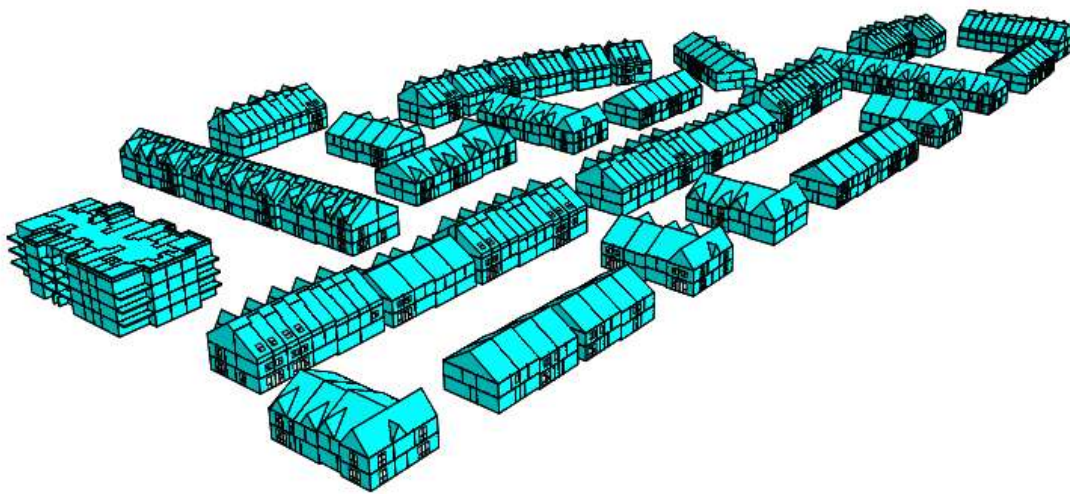


Project: Fassaroe Residential Development

Report Title: Daylight, Sunlight and Overshadowing Analysis



Report By: Passive Dynamics Sustainability Consultants

Date of Issue: 04/04/2021

Contact: info@passivedynamics.ie

Client: Borg Developments Unlimited Company

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TABLE OF CONTENTS

EXECUTIVE SUMMARY	3
1. INTRODUCTION.....	7
2. DEFINITIONS.....	8
3. GUIDANCE DOCUMENTS REFERENCED DURING THIS STUDY	9
4. SIMULATION MODEL IMAGES	10
5. SIMULATION SOFTWARE DESCRIPTION	15
6. ASSESSMENT METHODOLOGY	16
7. AVERAGE DAYLIGHT FACTOR RESULTS – PROPOSED SCHEME	19
8. SUNLIGHT RESULTS	53
9. COMPENSATORY MEASURES	84
 APPENDIX A OVERSHADOWING IMAGES	 85
APPENDIX B ADF RESULTS.....	97

EXECUTIVE SUMMARY

A summary of the overall Daylight, Sunlight and Overshadowing Assessment for this proposed project is presented below.

Average Daylight Factor within the proposed Apartments/Houses

Average Daylight Factor results are covered in detail in *Section 7* of this report. A summary of the results are as follows;

Minimum recommended Average Daylight Factors (ADF) are:

- Bedrooms – 1.00 %
- Living Rooms – 1.50 %
- Kitchens – 2.00 %
- Kitchen/Living– 2.00 %

Calculated ADF results are as follows:

Houses (Character Area 2, 4 and 5)

- **100%** of Bedrooms achieve the BRE recommended ADF of $\geq 1.00\%$
- **100%** of Living Rooms achieve the BRE recommended ADF of $\geq 1.50\%$
- **100%** of the Kitchens achieve the BRE recommended ADF of $\geq 2.00\%$

Apartments (Apartment Block 1, 2, 3, 4 and Neighbourhood Centre)

- **93.5%** of Bedrooms achieve the BRE recommended ADF of $\geq 1.00\%$
- **82.5%** of the Kitchen/Living/Dining spaces achieve the BRE recommended ADF of $\geq 2.00\%$

The calculated ADF results for each space assessed are presented in *Section 7* and Appendix B of this report.

Sunlight availability – proposed 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.

1. Character Area 4-5

The openings of the proposed building living spaces that face within 90° of due south receive at least 25% of annual probable sunlight hours. Openings of the proposed building living spaces that face within 90° of due south achieve at least 5% of annual probable sunlight hours during winter months.

2. Character Area 2 and Apartment Block 4

The openings of the proposed building living spaces that face within 90° of due south receive at least 25% of annual probable sunlight hours. Openings of the proposed building living spaces that face within 90° of due south achieve at least 5% of annual probable sunlight hours during winter months.

3. Apartment Blocks 1-3 and Neighbourhood Centre

The openings of the proposed building living spaces within Block 1 and Block 3 that face within 90° of due south receive at least 25% of annual probable sunlight hours. Openings of the proposed building living spaces Block 1 and Block 3 that face within 90° of due south achieve at least 5% of annual probable sunlight hours during winter months. The vast majority of openings of the proposed building living spaces within Block 2 that face within 90° of due south receive at least 25% of annual probable sunlight hours and 5% of probable sunlight hours during winter months. A small amount of windows do not meet this recommended level of sunlight availability as the openings are recessed into the building, shaded above and to the south by parts of the proposed development itself such as balconies overhead.

This information is presented in detail in *Section 8* of this report.

Sunlight availability within the amenity space

Sunlight availability results are covered in detail in *Section 8* of this report. The front and back gardens of the proposed houses, along with all communal amenity areas (pocket parks) 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.

Character Area 4-5

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 over 50% of the area therefore complying with the BRE Guidelines.

Character Area 2 and Apartment Block 4

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 over 50% of the area therefore complying with the BRE Guidelines.

Apartment Blocks 1-3 and Neighbourhood Centre

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 over 50% of the area therefore complying with the BRE Guidelines.

Overshadowing Analysis

There is no significant additional overshadowing of adjacent properties. Minor overshadowing is limited to short time periods. Any minor overshadowing impacts occur within the proposed development itself. There is no additional overshadowing to existing adjacent properties resulting from the proposed development. Overshadowing assessment imagery is provided in Appendix A of this report.

March 21st

Character Area 4-5 – No significant additional overshadowing of adjacent properties. Minor overshadowing is limited to short time periods.

Character Area 2 and Apartment Block 4 – No significant additional overshadowing of adjacent properties. Minor overshadowing is limited to short time periods.

Apartment Block 1-3 and Neighbourhood Centre – No significant additional overshadowing of adjacent properties. Minor overshadowing is limited to short time periods.

June 21st

Character Area 4-5 – No significant additional overshadowing of adjacent properties. Minor overshadowing is limited to short time periods.

Character Area 2 and Apartment Block 4 – No significant additional overshadowing of adjacent properties. Minor overshadowing is limited to short time periods.

Apartment Block 1-3 and Neighbourhood Centre – No significant additional overshadowing of adjacent properties. Minor overshadowing is limited to short time periods.

December 21st

Character Area 4-5 – No significant additional overshadowing of adjacent properties. Minor overshadowing is limited to short time periods.

Character Area 2 and Apartment Block 4 – No significant additional overshadowing of adjacent properties. Minor overshadowing is limited to short time periods.

Apartment Block 1-3 and Neighbourhood Centre – No significant additional overshadowing of adjacent properties. Minor overshadowing is limited to short time periods.

1. INTRODUCTION

Passive Dynamics Sustainability Consultants has prepared this Daylight, Sunlight and Overshadowing report for and on behalf of Borg Developments Unlimited Company to accompany the planning application for the proposed Residential Development Fassaroe. The scope of the assessment was to determine the following:

- Average Daylight Factor within the proposed apartments
- Sunlight availability within the proposed development and the amenity space
- Overshadowing analysis and impact to neighbouring properties

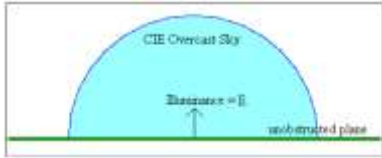
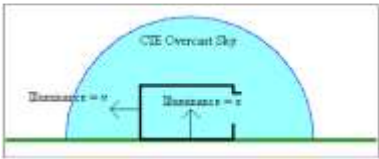
Daylight and Sunlight calculations have been carried out in accordance with BRE's 'Site Layout Planning for Sunlight and Daylight: A Guide to Good Practice' (2011) (herein referred to as the "BRE Guide") by P J Littlefair, which is accepted as good practice by Planning Authorities. The Design Standards for New Apartments - Guidelines for Planning Authorities (March 2018) 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 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.

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.**

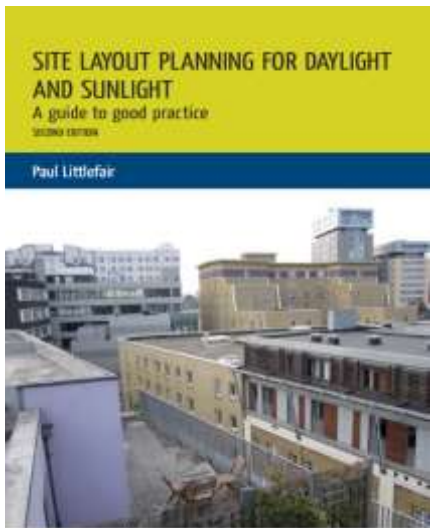
2. DEFINITIONS

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

BRE	Building Research Establishment.
Vertical Sky Component (VSC)	The Vertical Sky Component (VSC) is 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.  E= illuminance on an unobstructed plane.  e= illuminance at point in interior Sky Component =e/E (often expressed as a percentage) Vertical Sky Component = v/E
CIE Standard Overcast Sky	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: $L_y = L_z \frac{(1 + 2 \sin y)}{3}$ The CIE standard overcast sky is darkest at the horizon and brightest at the zenith (vertically overhead).
Average Daylight Factor (ADF)	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.
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.

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.

	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 is widely used to provide advice during the planning and design stages of building development in the UK and Ireland. 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.
	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. 6.6 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.

It is noted that BS 8206-2:2008: Lighting for buildings - Part 2: Code of practice for daylighting was recently replaced with BS EN 17037:2018 Daylight in Buildings. BRE is currently looking to update and re-publish BR209 to align their guidance with the new EN 17037:2018 in 2020. Until then, the position of BRE can 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.”.

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.

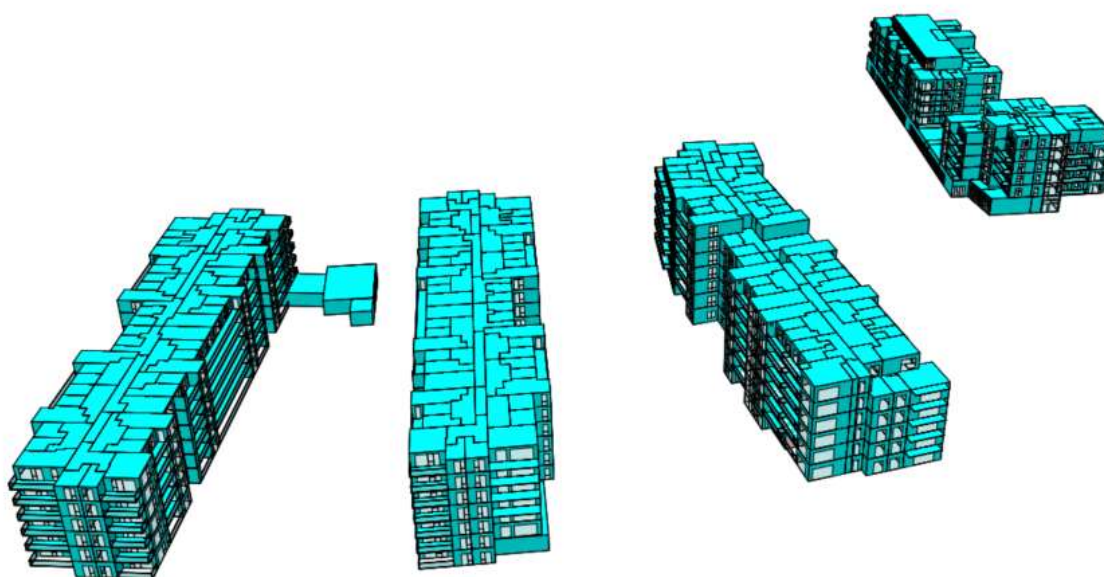
APARTMENT BLOCK 1-3 AND NEIGHBOURHOOD CENTRE



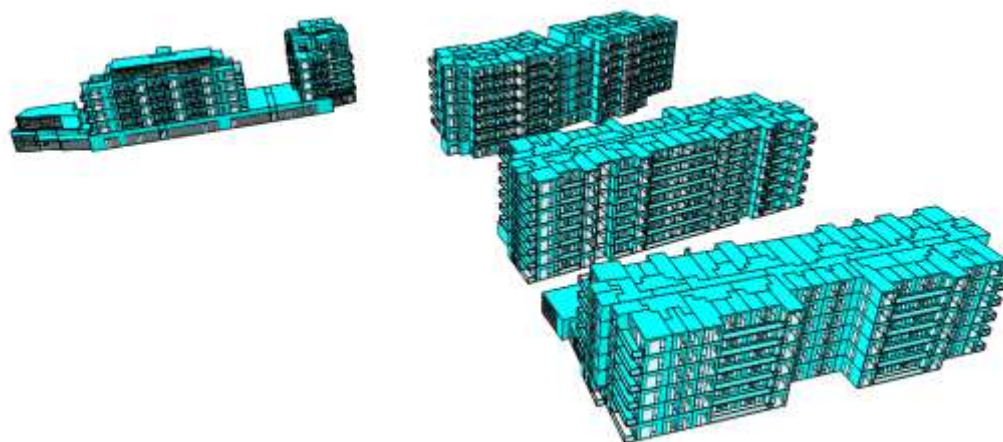
Above: Simulation model image of Apartment Block 1-3 and Neighbourhood Centre from the South



Above: Simulation model image of Apartment Block 1-3 and Neighbourhood Centre from the West.

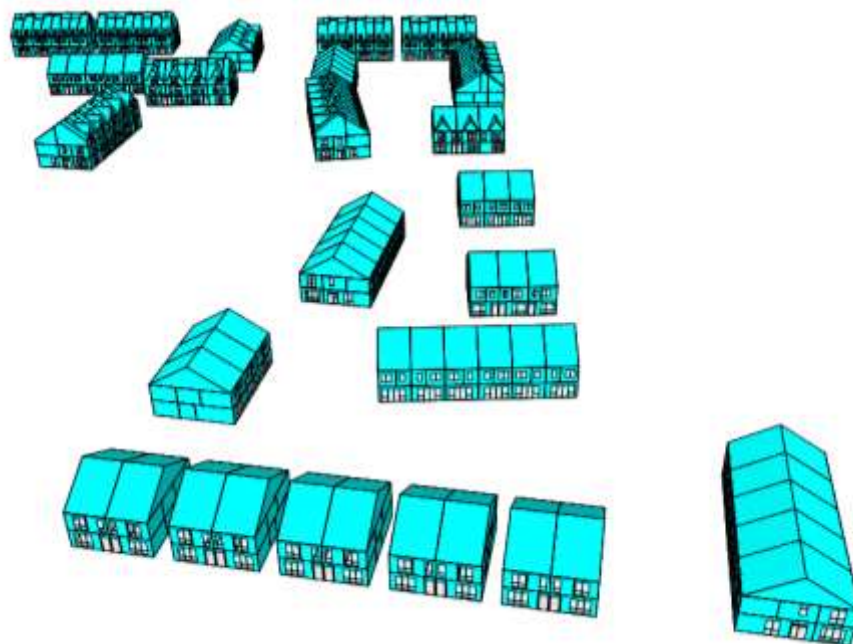


Above: Simulation model image of Apartment Block 1-3 and Neighbourhood Centre from the North.

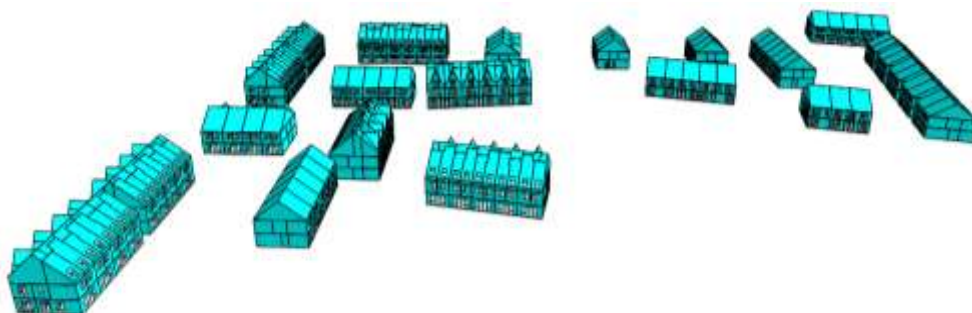


Above: Simulation model image of Apartment Block 1-3 and Neighbourhood Centre from the East.

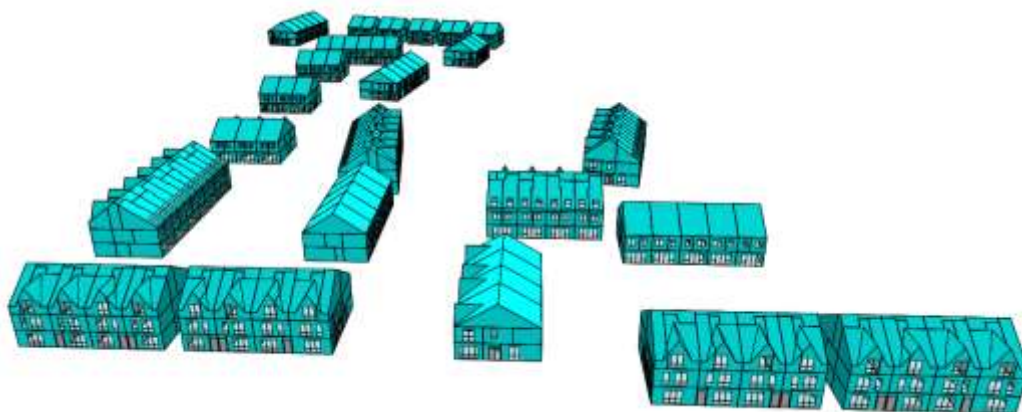
CHARACTER AREA 4-5



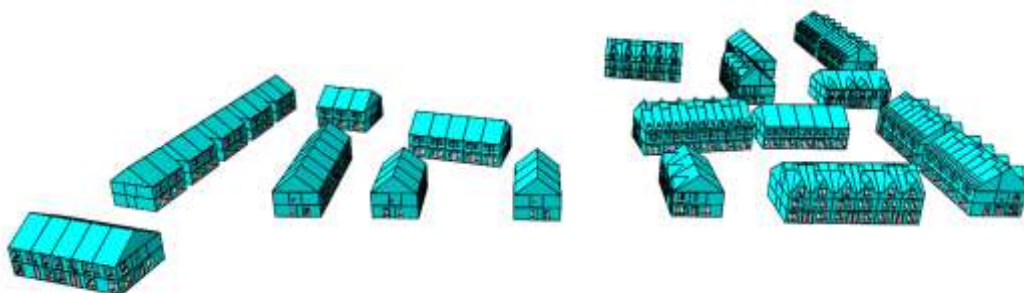
Above: Simulation model image of Character Area 4-5 from the South



Above: Simulation model image of Character Area 4-5 from the West.

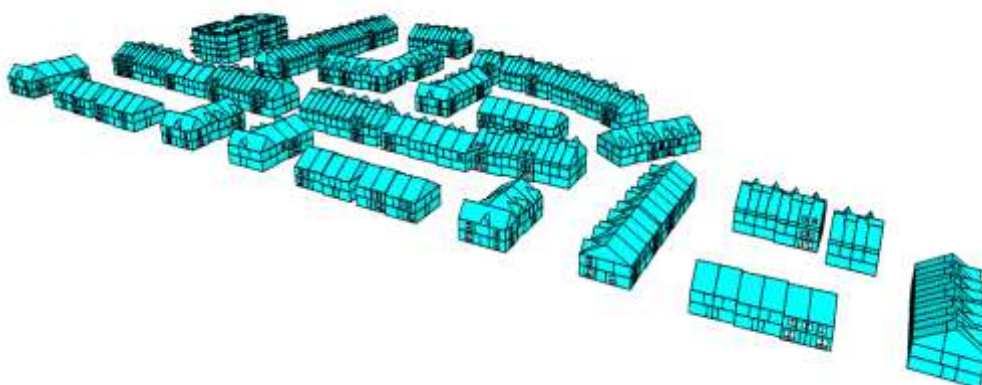


Above: Simulation model image of Character Area 4-5 from the North

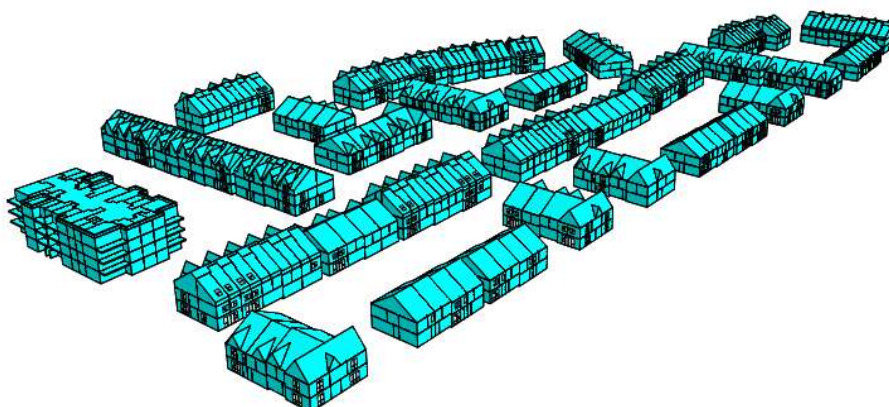


Above: Simulation model image of Character Area 4-5 from the East

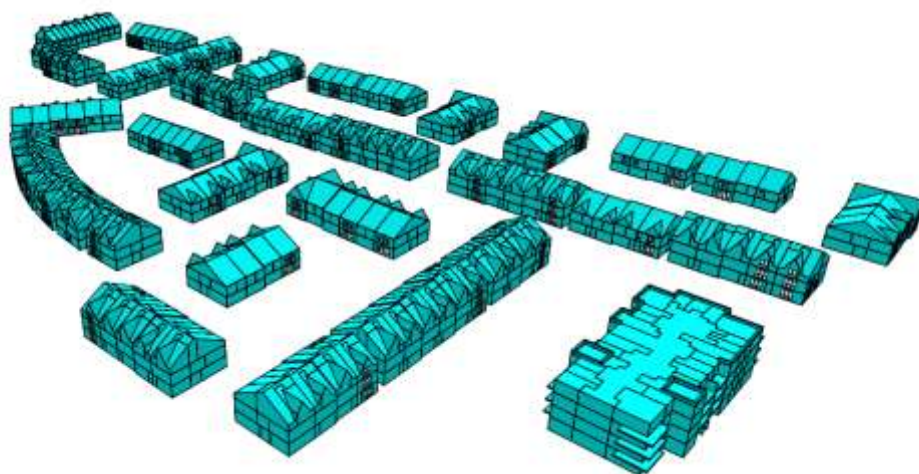
CHARACTER AREA 2 AND APARTMENT BLOCK 4



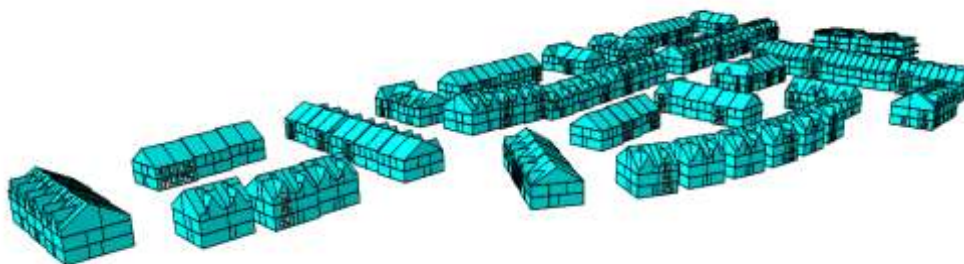
Above: Simulation model image of Character Area 2 and Apartment Block 4 from the South



Above: Simulation model image of Character Area 2 and Apartment Block 4 from the West.



Above: Simulation model image of Character Area 2 and Apartment Block 4 from the North



Above: Simulation model image of Character Area 2 and Apartment Block 4 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 – PROPOSED DEVELOPMENT

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 – 1.50 %**
- **Kitchen – 2.00 %**
- **Living/Living – 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

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 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 which can receive two hours of sun on 21 March is less than 0.8 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 amenity spaces (front and back gardens and neighbourhood park areas) is assessed as part of this analysis. The results are outlined in Section 8 of this report.

SUNLIGHT ASSESSMENT – PROPOSED BUILDINGS

According to the BRE guide, living spaces will appear reasonably sunlit if they receive 25% or more of their annual probable sunlight hours for the year, and 5% or more of their annual probable sunlight hours during the winter months. Analysis was carried out in line with BRE 209 guidance, ensuring that the proposed development receives adequate levels of sunlight and no substantial loss of sunlight is incurred in the surrounding buildings.

Summary (new buildings)

3.1.15 In general a dwelling, or non-domestic building which has a particular requirement for sunlight, 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 21 September and 21 March.

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

Results for this assessment are shown in *Section 8* of this report.

7. AVERAGE DAYLIGHT FACTOR RESULTS – PROPOSED SCHEME

The calculated ADF results are summarised below:

Houses (Character Area 2, 4 and 5)

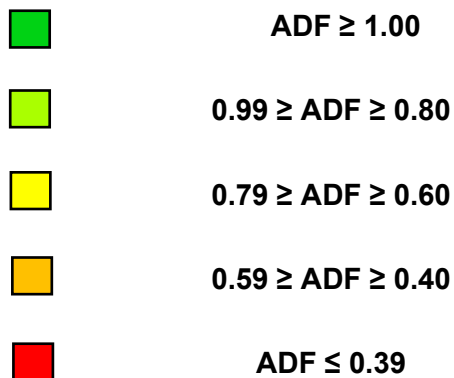
- **100%** of Bedrooms achieve the BRE recommended ADF of $\geq 1.00\%$
- **100%** of Living Rooms achieve the BRE recommended ADF of $\geq 1.50\%$
- **100%** of the Kitchens achieve the BRE recommended ADF of $\geq 2.00\%$

Apartments (Apartment Block 1, 2, 3, 4 and Neighbourhood Centre)

- **93.5%** of Bedrooms achieve the BRE recommended ADF of $\geq 1.00\%$
- **82.5%** of the Kitchen/Living/Dining spaces achieve the BRE recommended ADF of $\geq 2.00\%$

Detailed ADF results are outlined in Appendix B of this report.

The images below show the simulation model with **Character Area 4 Bedrooms** colour coded based on their ADF performance.



Above: Legend



Above: Bedroom ADF results of Character Area 4 viewed from the South.



Above: Bedroom ADF results of Character Area 4 viewed from the West.



Above: Bedroom ADF results of Character Area 4 viewed from the North



Above: Bedroom ADF results of Character Area 4 viewed from the East



Above: Bedroom ADF results of Character Area 4 viewed from street level

The images below show the simulation model with **Character Area 5 Bedrooms** colour coded based on their ADF performance.



Above: Bedroom ADF results of Character Area 5 viewed from the South.



Above: Bedroom ADF results of Character Area 5 viewed from the North.



Above: Bedroom ADF results of Character Area 5 viewed from the West.

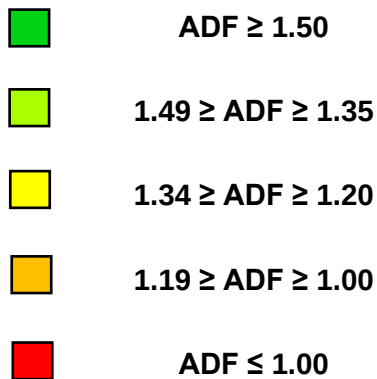


Above: Bedroom ADF results of Character Area 5 viewed from the East.



Above: Bedroom ADF results of Character Area 5 viewed from street level

The images below show the simulation model with **Character Area 4 Living Rooms** colour coded based on their ADF performance.



Above: Legend



Above: Living room ADF results of Character Area 4 viewed from the North.



Above: Living room ADF results of Character Area 4 viewed from the East.



Above: Living room ADF results of Character Area 4 viewed from the West.



Above: Living room ADF results of Character Area 4 viewed from the South.

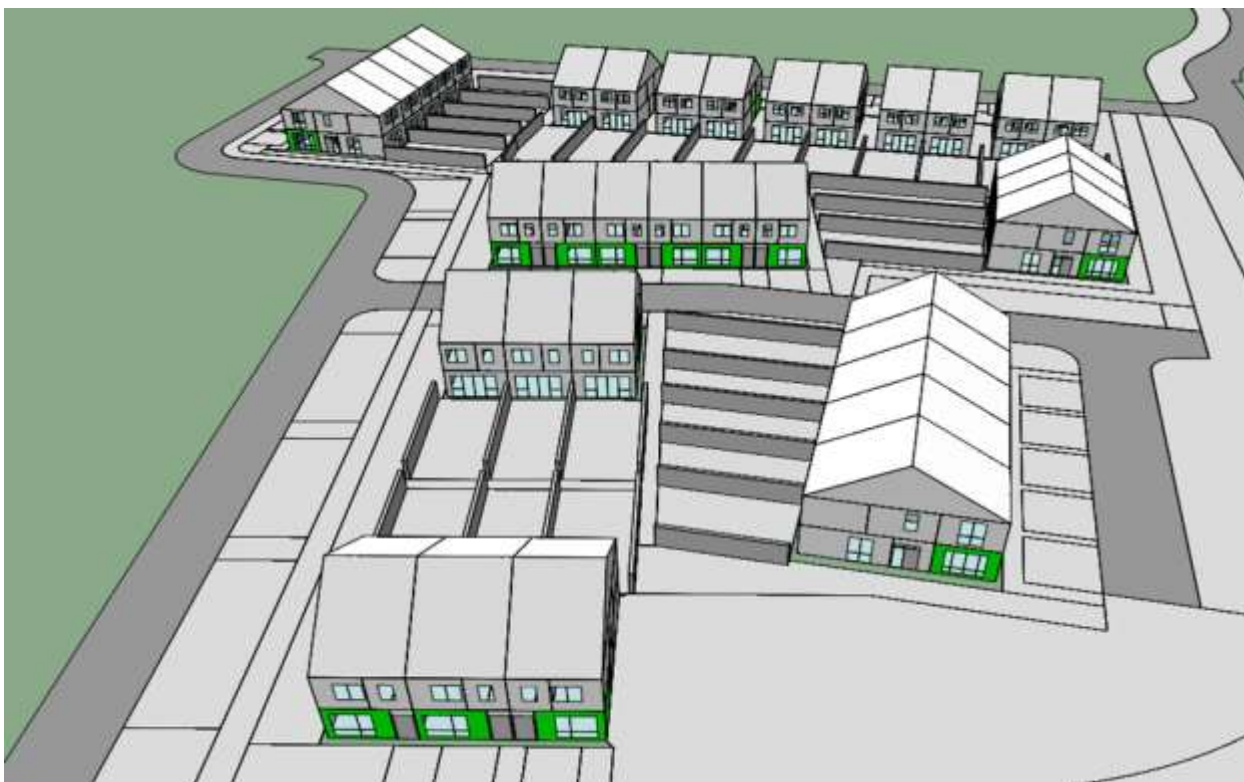


Above: Living room ADF results of Character Area 4 viewed from street level.

The images below show the simulation model with **Character Area 5 Living Rooms** colour coded based on their ADF performance.



Above: Living room ADF results of Character Area 5 viewed from the South.



Above: Living room ADF results of Character Area 5 viewed from the North.



Above: Living room ADF results of Character Area 5 viewed from the East.

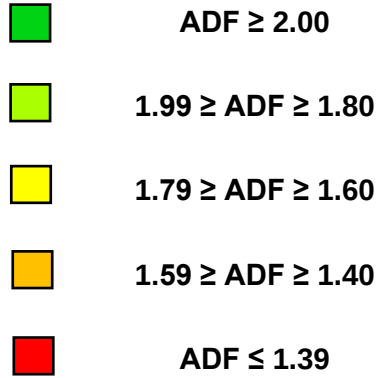


Above: Living room ADF results of Character Area 5 viewed from the East.



Above: Living room ADF results of Character Area 5 viewed from street level.

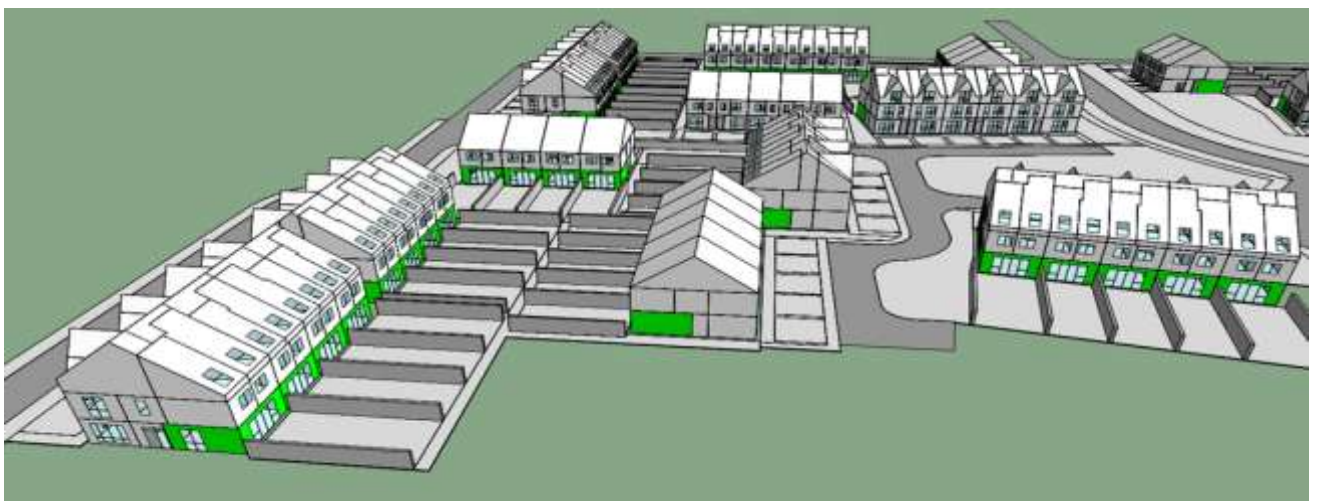
The images below show the simulation model with **Character Area 4 Kitchens** colour coded based on their ADF performance.



Above: Legend



Above: Kitchen ADF results of Character Area 4 viewed from the East.



Above: Kitchen ADF results of Character Area 4 viewed from the West.



Above: Kitchen ADF results of Character Area 4 viewed from the North.



Above: Kitchen ADF results of Character Area 4 viewed from the South.



Above: Kitchen ADF results of Character Area 4 viewed from the Street.

The images below show the simulation model with **Character Area 5 Kitchens** colour coded based on their ADF performance.



Above: Kitchen ADF results of Character Area 5 viewed from the South.



Above: Kitchen ADF results of Character Area 5 viewed from the West.



Above: Kitchen ADF results of the proposed development viewed from the North.

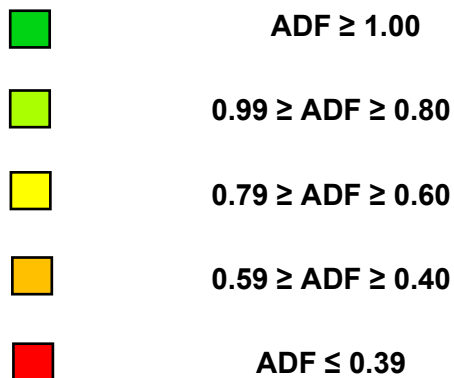


Above: Kitchen ADF results of the proposed development viewed from the East.



Above: Kitchen ADF results of Character Area 5 viewed from street level

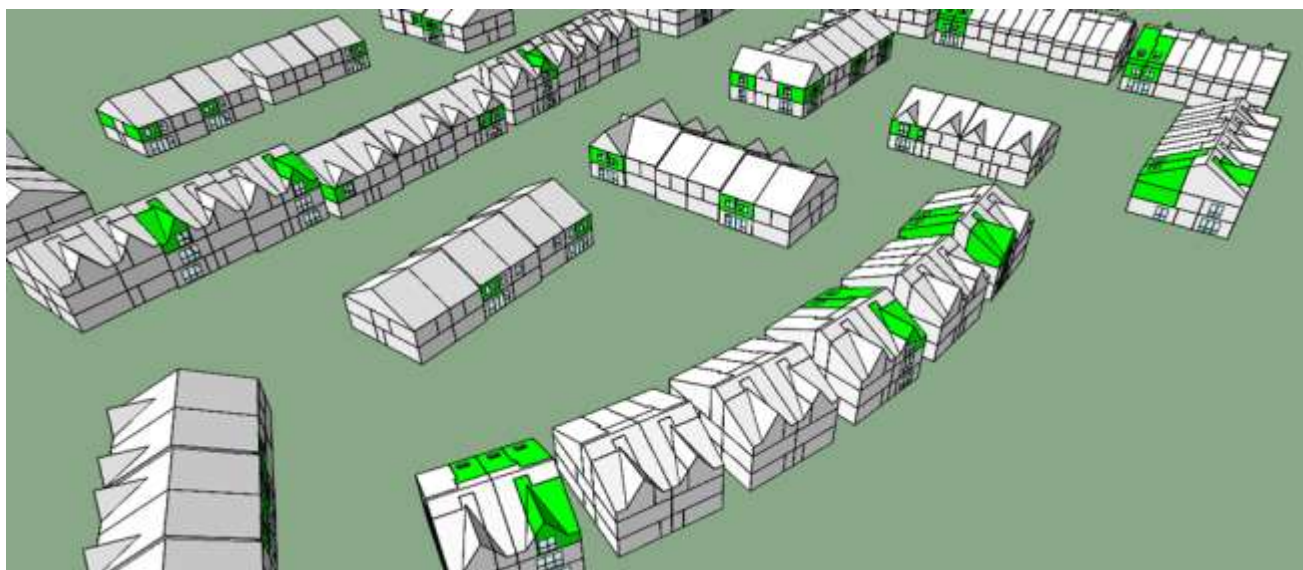
The images below show the simulation model with **Character Area 2 Bedrooms** colour coded based on their ADF performance.



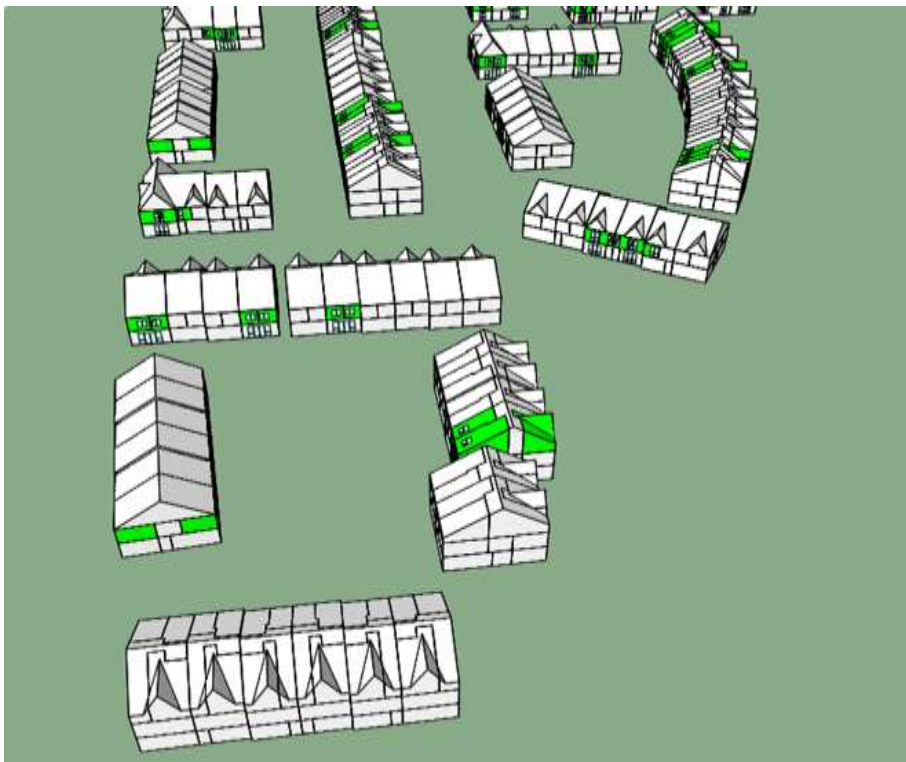
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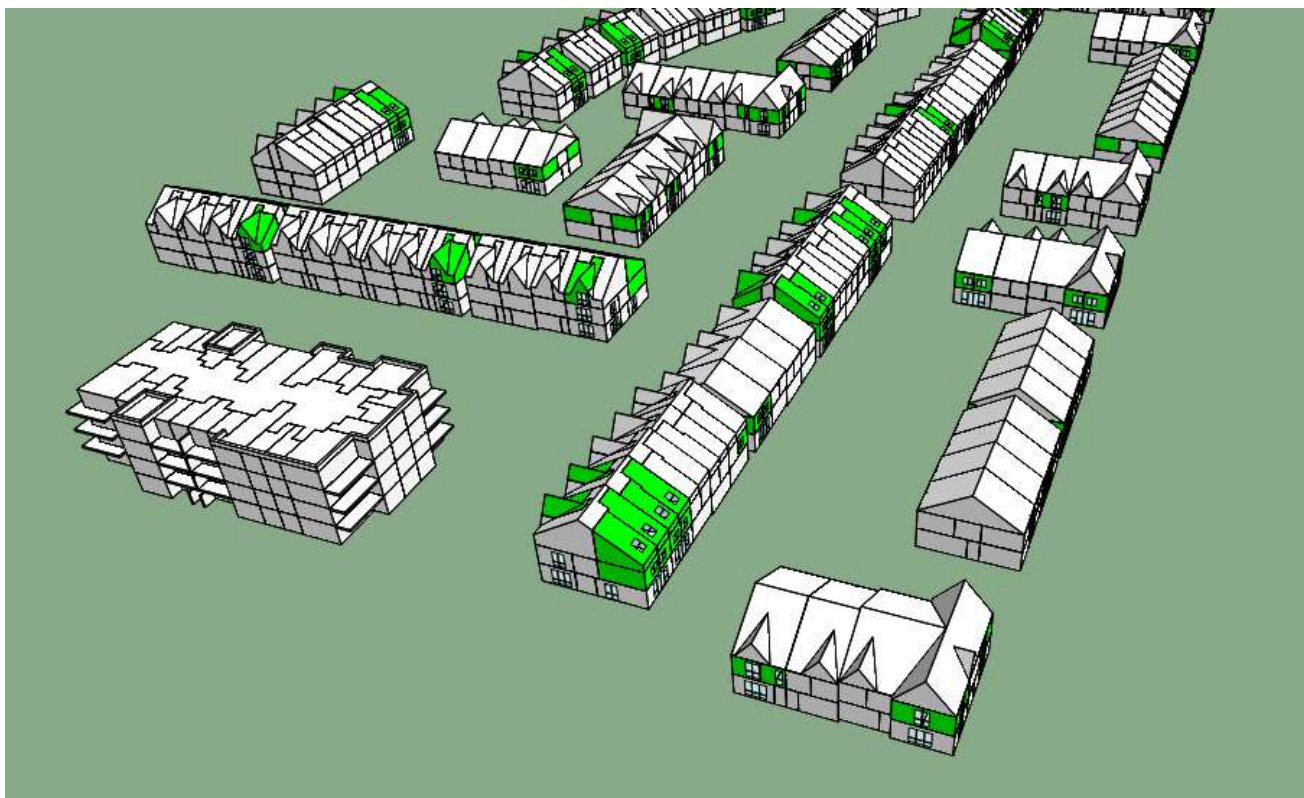
Above: Bedroom ADF results of Character Area 2 from the southwest



Above: Bedroom ADF results of Character Area 2 from the northeast

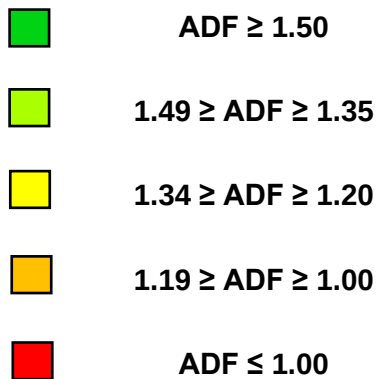


Above: Bedroom ADF results of Character Area 2 from the southeast



Above: Bedroom ADF results of Character Area 2 from the northwest

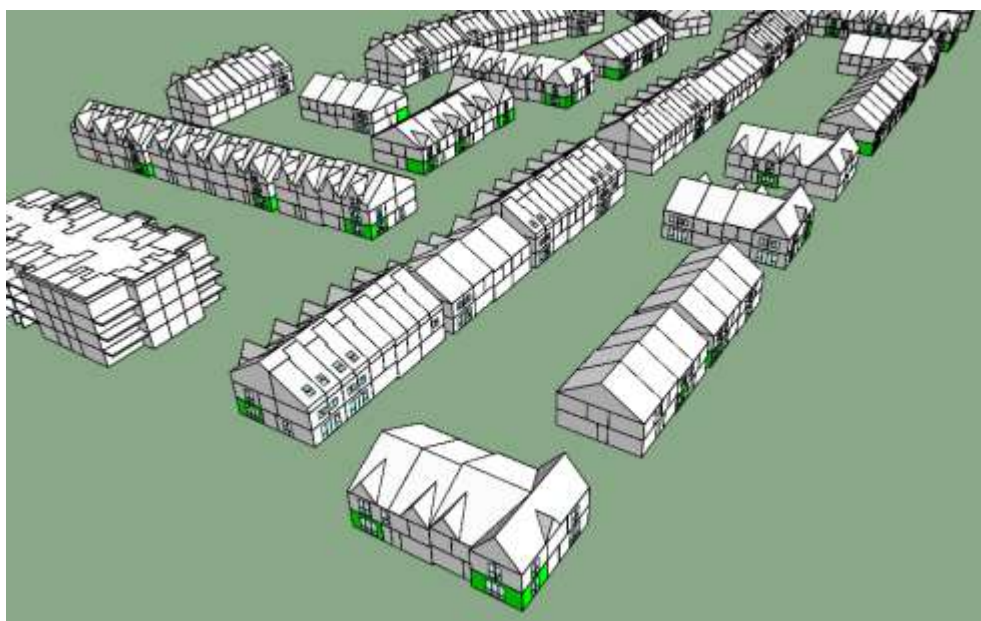
The images below show the simulation model with **Character Area 2 Living Rooms** colour coded based on their ADF performance.



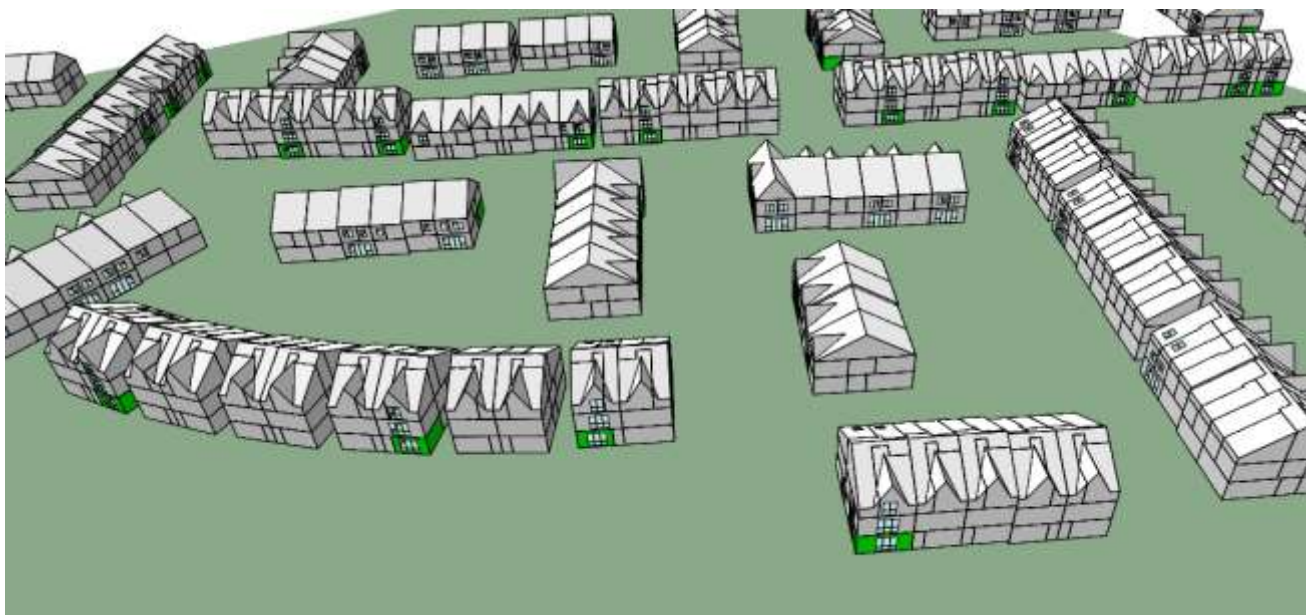
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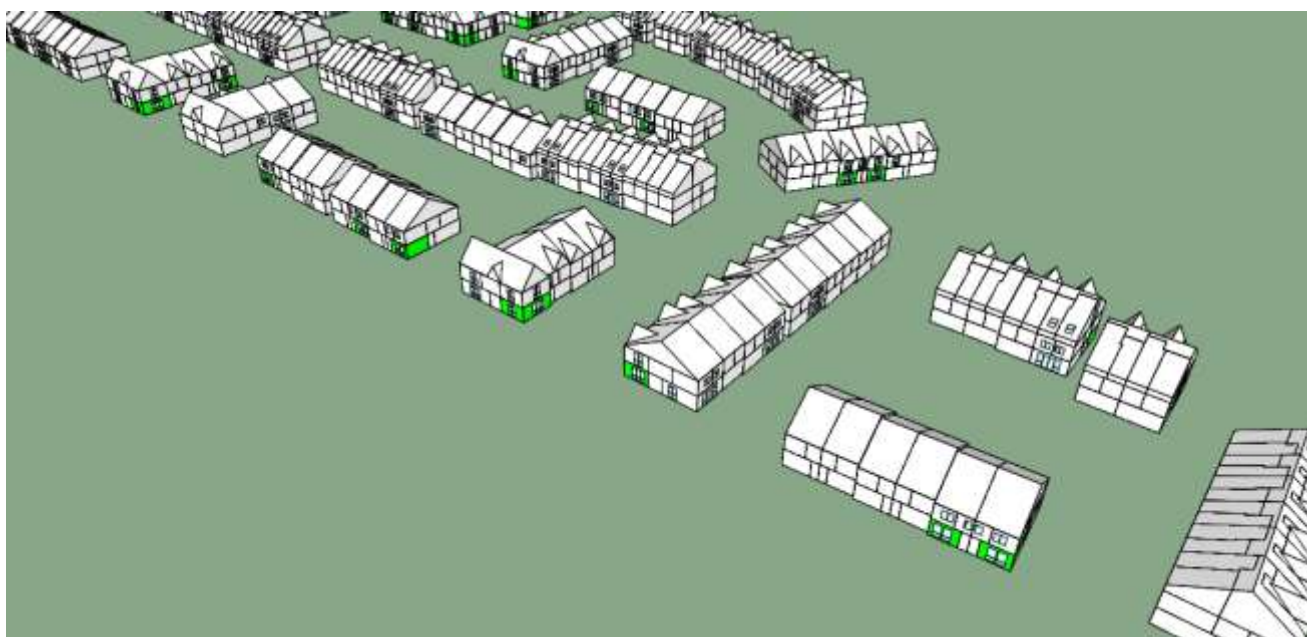
Above: Living Room ADF results for Character Area 2 from the southwest



Above: Living Room ADF results for Character Area 2 from the northwest

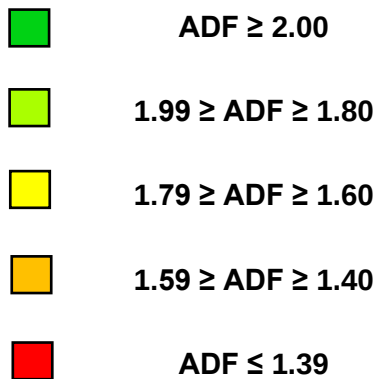


Above: Living Room ADF results for Character Area 2 from the northeast

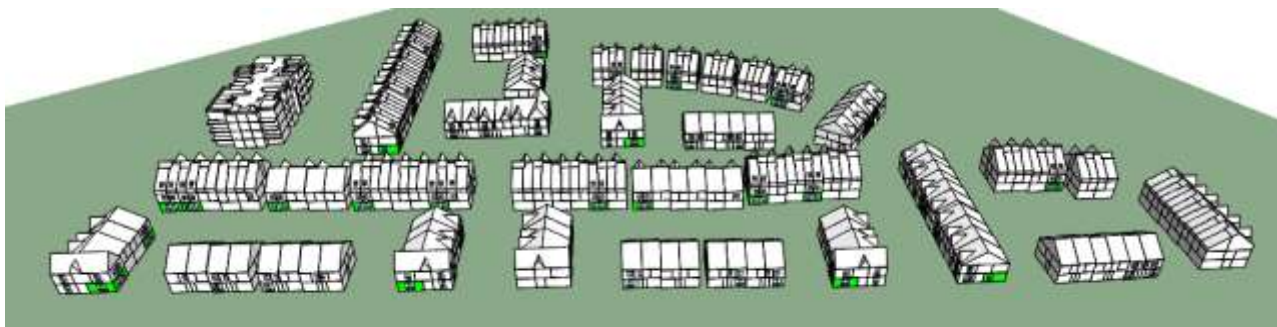


Above: Living Room ADF results for Character Area 2 from the southeast

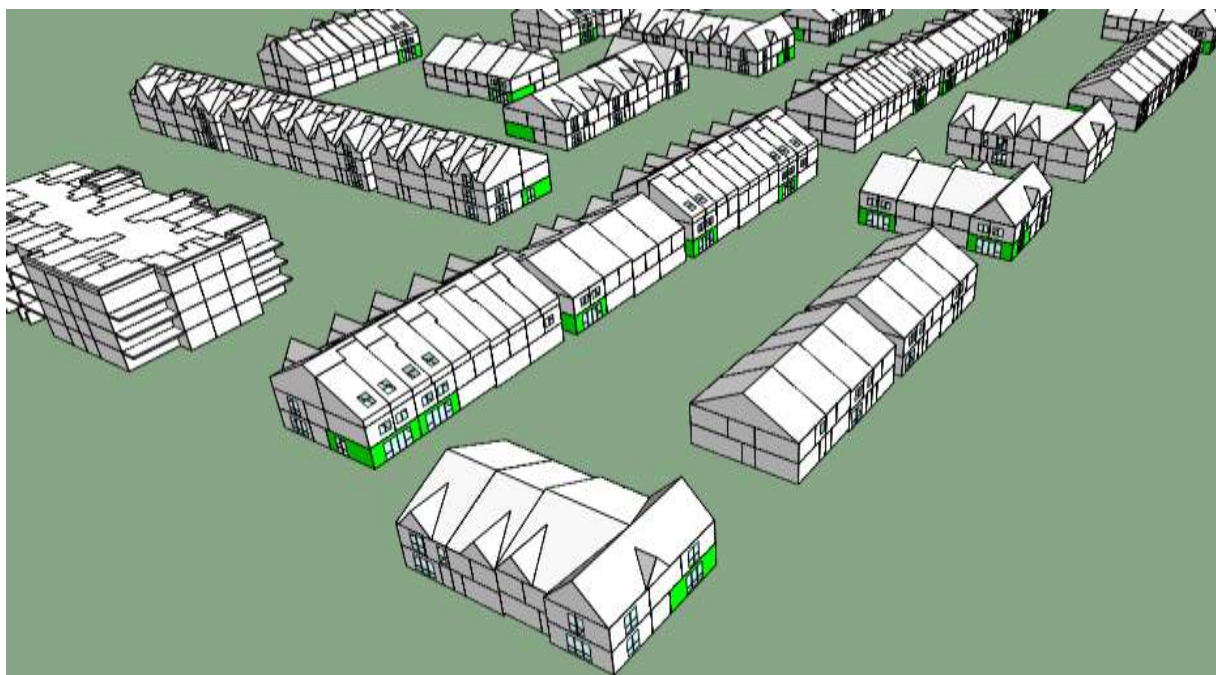
The images below show the simulation model with **Character Area 2 Kitchens** colour coded based on their ADF performance.



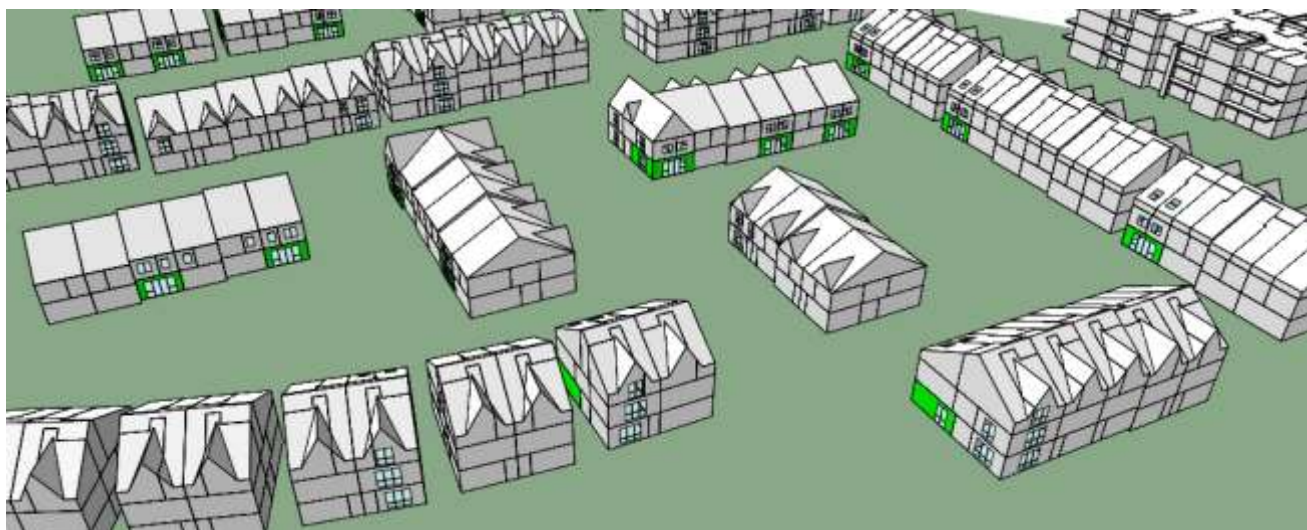
Above: Legend



Above: Kitchen ADF results for Character Area 2 from the southwest



Above: Kitchen ADF results for Character Area 2 from the west

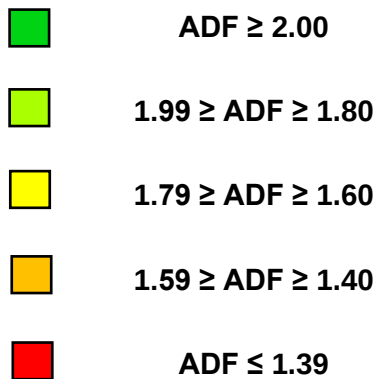


Above: Kitchen ADF results for Character Area 2 from the northeast



Above: Kitchen ADF results for Character Area 2 from the southeast

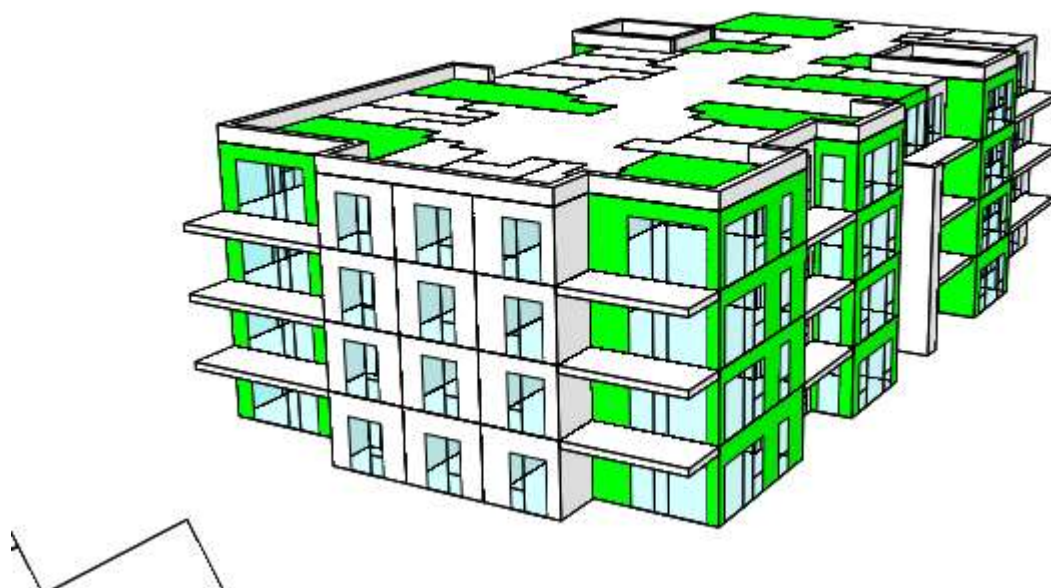
The images below show the simulation model with **Apartment Block 4 Kitchen/Living** colour coded based on their ADF performance.



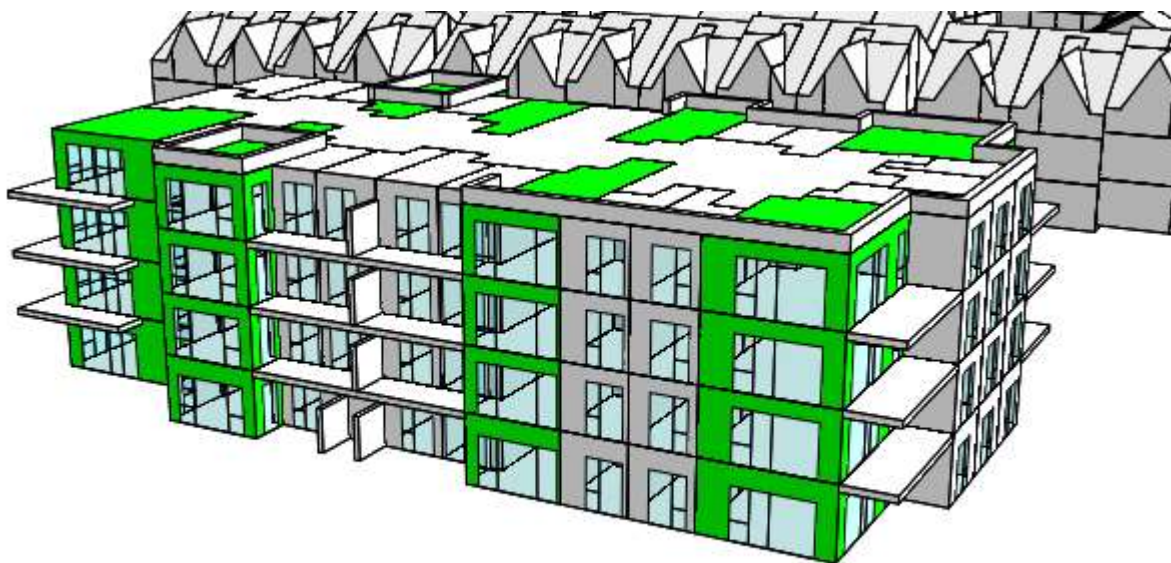
Above: Legend



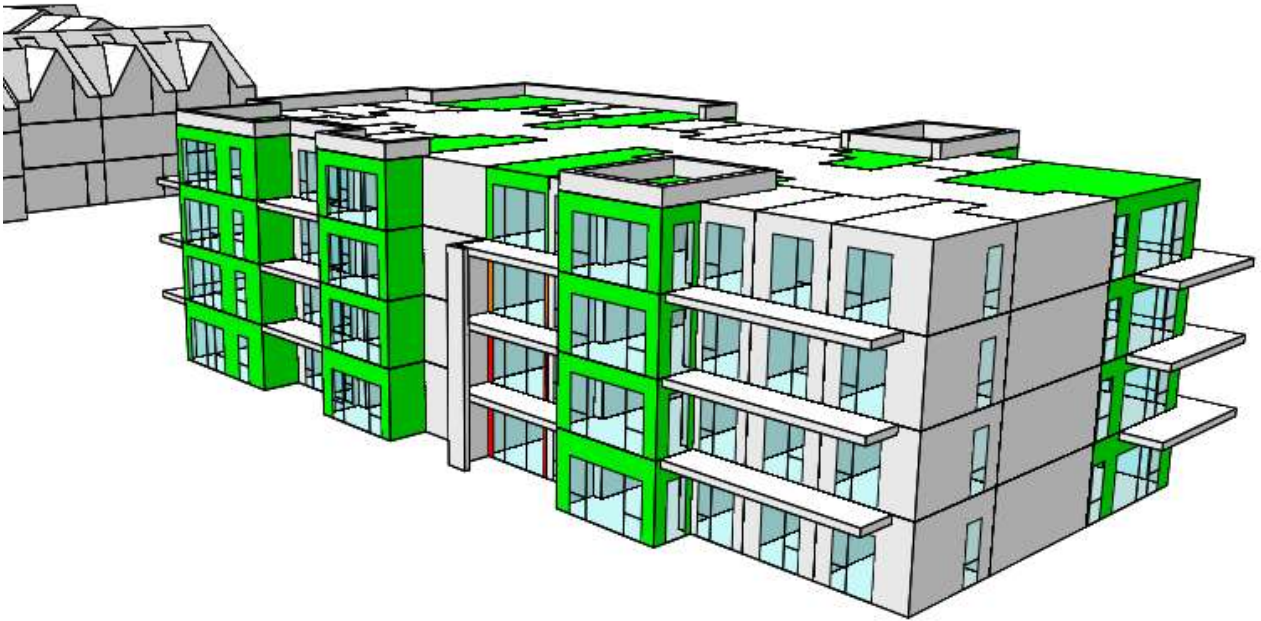
Above: Kitchen/Living ADF results for Apartment Block 4 from the East



Above: Kitchen/Living ADF results for Apartment Block 4 from the South



Above: Kitchen/Living ADF results for Apartment Block 4 from the West



Above: Kitchen/Living ADF results for Apartment Block 4 from the North

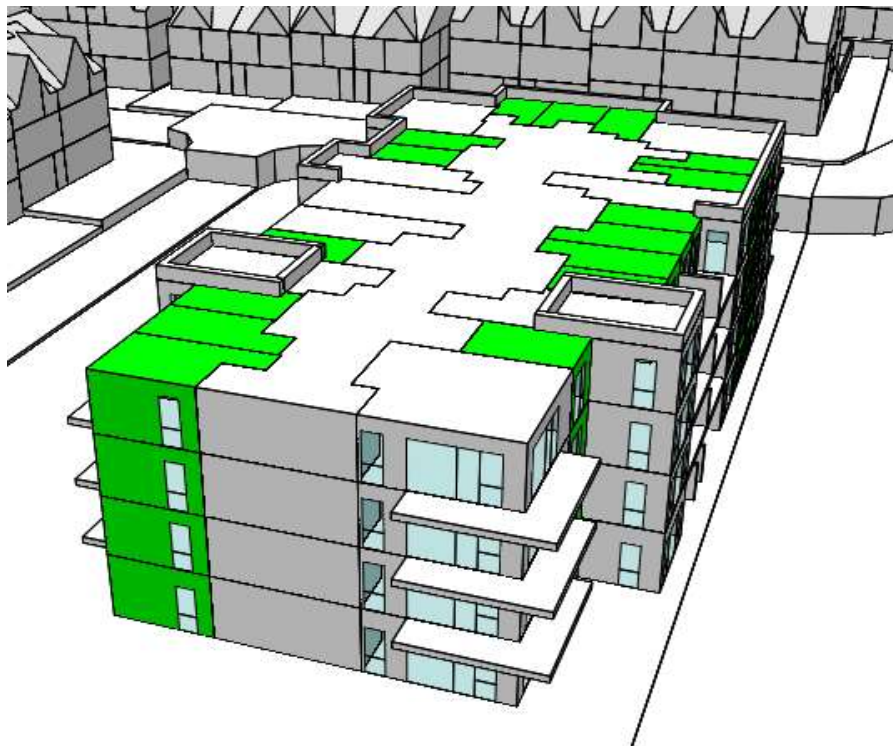
The images below show the simulation model with **Apartment Block 4 Bedrooms** colour coded based on their ADF performance.

	$ADF \geq 1.00$
	$0.99 \geq ADF \geq 0.80$
	$0.79 \geq ADF \geq 0.60$
	$0.59 \geq ADF \geq 0.40$
	$ADF \leq 0.39$

Above: Legend



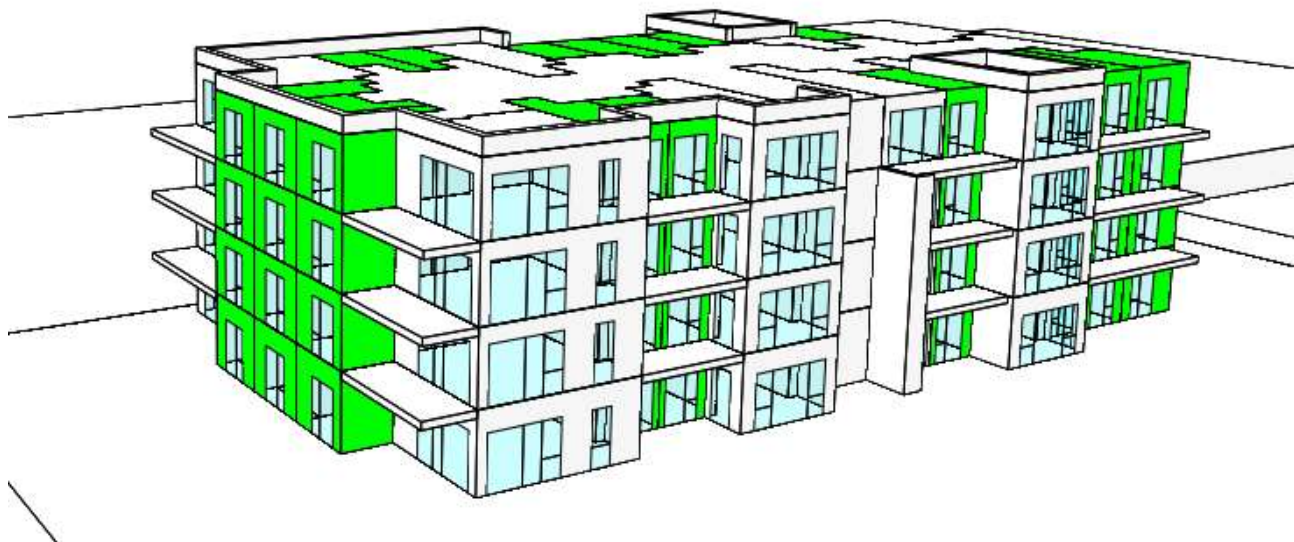
Above: Bedroom ADF results for Apartment Block 4 Apartments from the East



Above: Bedroom ADF results for Apartment Block 4 from the North

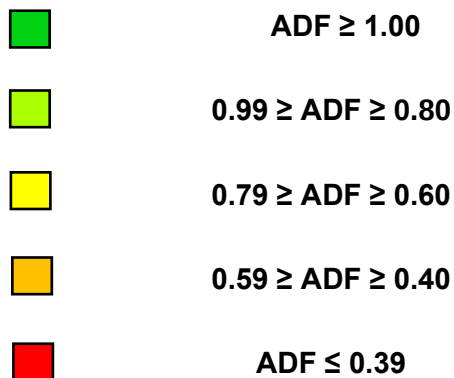


Above: Bedroom ADF results for Apartment Block 4 from the West

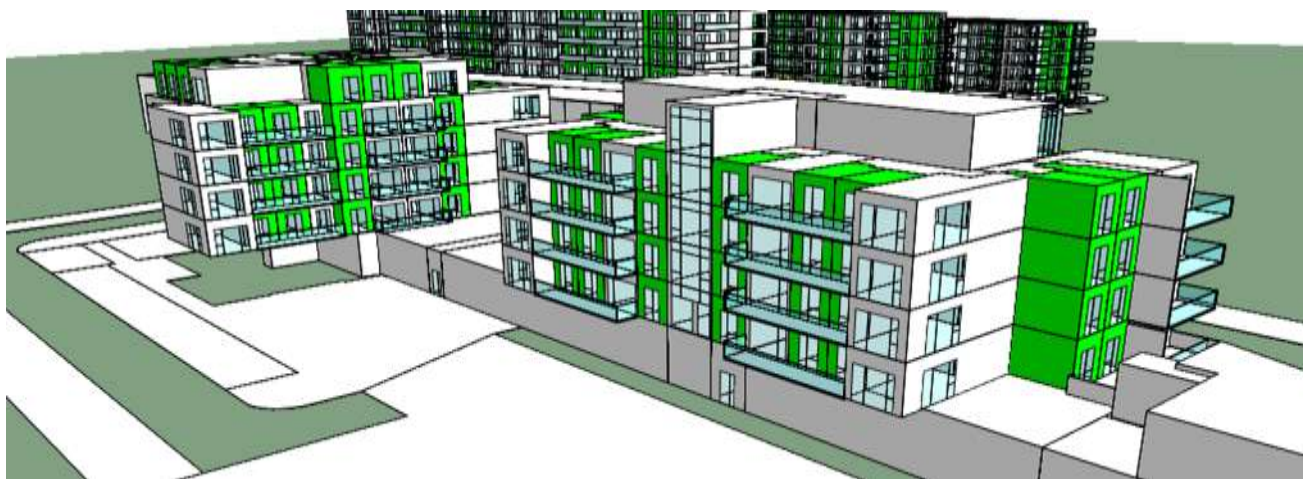


Above: Bedroom ADF results for Apartment Block 4 from the South

The images below show the simulation model with **Apartment Block 1-3 and Neighbourhood Centre Bedrooms** colour coded based on their ADF performance.



Above: Legend



Above: Bedroom ADF results of the Neighbourhood Centre viewed from the southwest



Above: Bedroom ADF results of the Neighbourhood Centre viewed from the southeast



Above: Bedroom ADF results of the Neighbourhood Centre viewed from the northeast



Above: Bedroom ADF results of the Block 3 from the west



Above: Bedroom ADF results of the Block 3 from the east



Above: Bedroom ADF results of the Block 2 from the west



Above: Bedroom ADF results of the Block 2 from the east

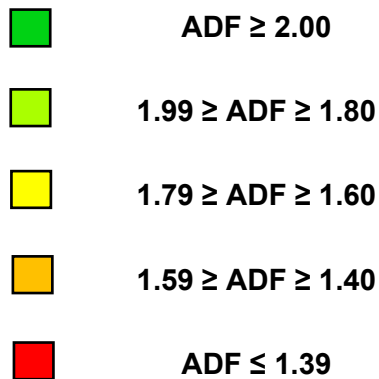


Above: Bedroom ADF results of the Block 1 from the west

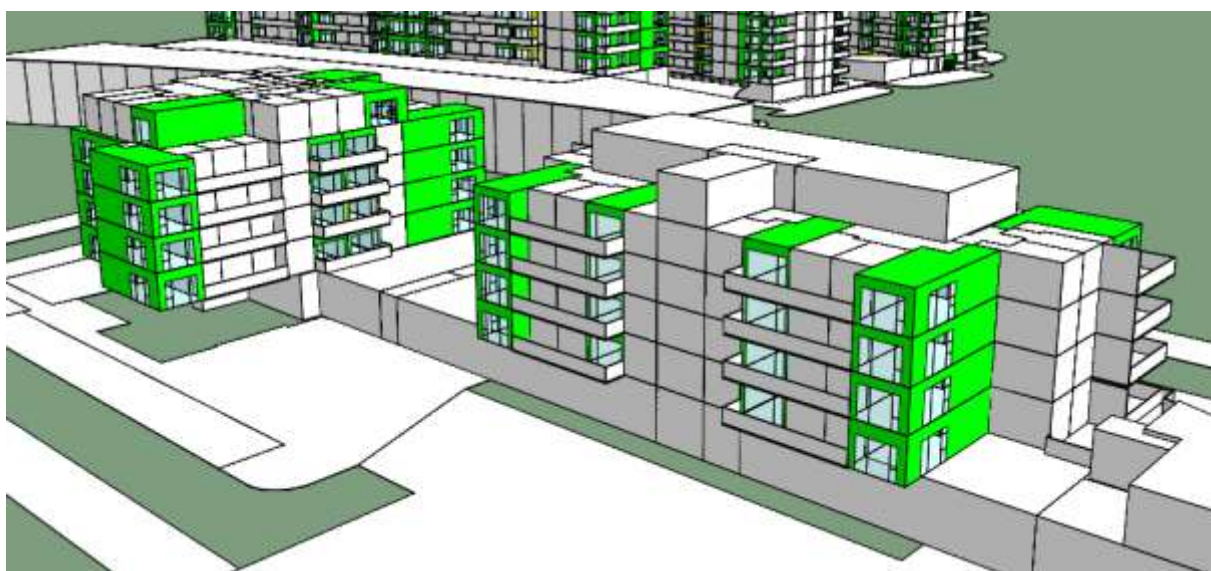


Above: Bedroom ADF results of the Block 1 from the east

The images below show the simulation model with **Living/Kitchen** spaces colour coded based on their ADF performance.



Above: Legend



Above: Kitchen/Living ADF results of the Neighbourhood Centre viewed from the west



Above: Kitchen/Living ADF results of the Neighbourhood Centre viewed from the east



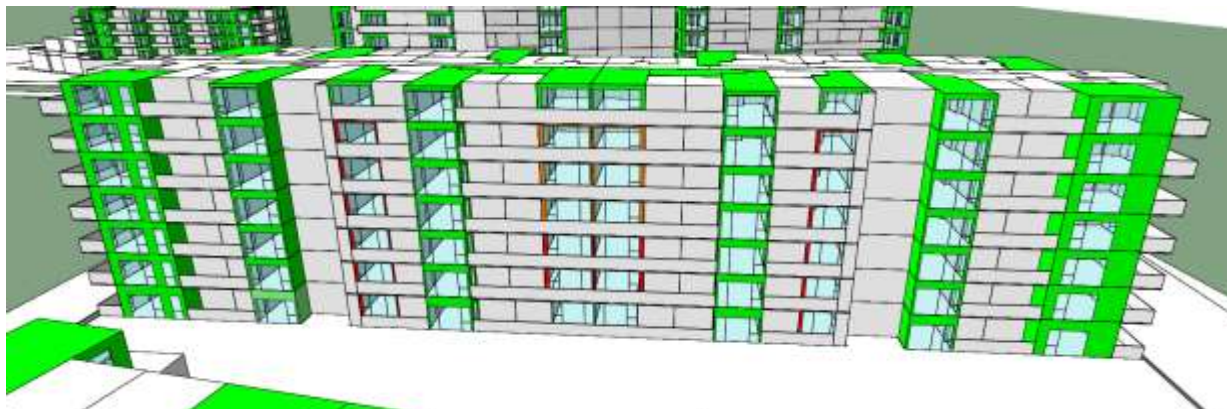
Above: Kitchen/Living ADF results of Apartment Block 3 viewed from the west



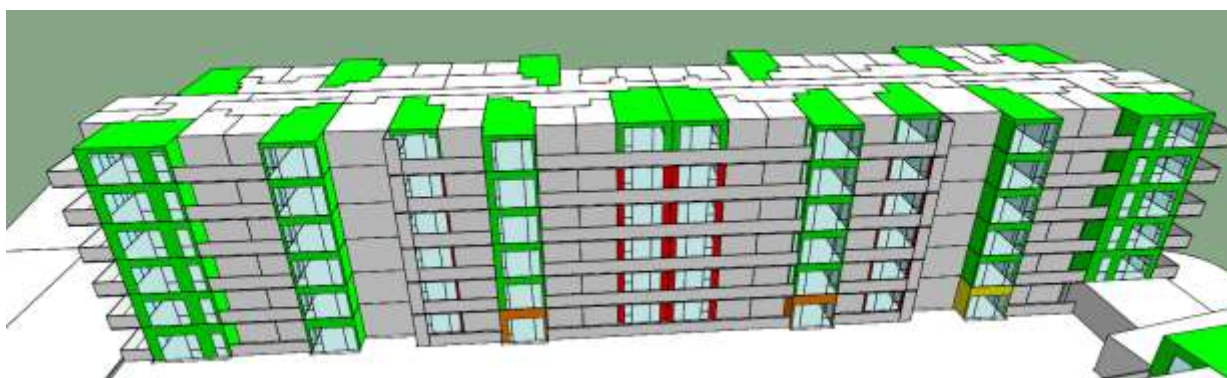
Above: Kitchen/Living ADF results of Apartment Block 3 viewed from the east



Above: Kitchen/Living ADF results of Apartment Block 2 viewed from the west



Above: Kitchen/Living ADF results of Apartment Block 2 viewed from the east



Above: Kitchen/Living ADF results of Apartment Block 1 viewed from the west



Above: Kitchen/Living ADF results of Apartment Block 1 viewed from the east

ADF Results Summary

Houses (Character Area 2, 4 and 5)

% of Bedrooms with an ADF $\geq$ 1.00	% of Living with an ADF $\geq$ 1.50	% of Kitchens with an ADF $\geq$ 2.00
100%	100%	100%

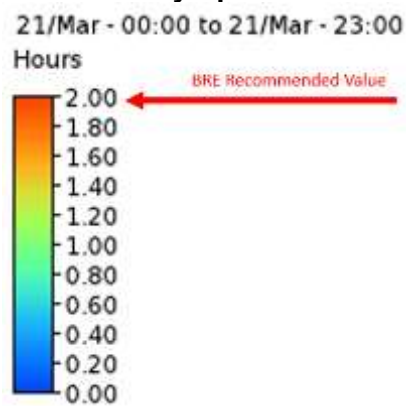
Apartments (Block 1, 2, 3, 4 and Neighbourhood Centre)

% of Bedrooms with an ADF $\geq$ 0.75	% of Bedrooms with an ADF $\geq$ 1.00	% of Kitchen/Living with an ADF $\geq$ 1.50	% of Kitchen/Living with an ADF $\geq$ 2.00
99.1%	93.5%	89.0%	82.5%

8. 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 front and back gardens of each house were assessed for daylight availability along with any designated amenity areas such as the pocket parks.

Annual Probable Sunlight Hours – Amenity Spaces



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

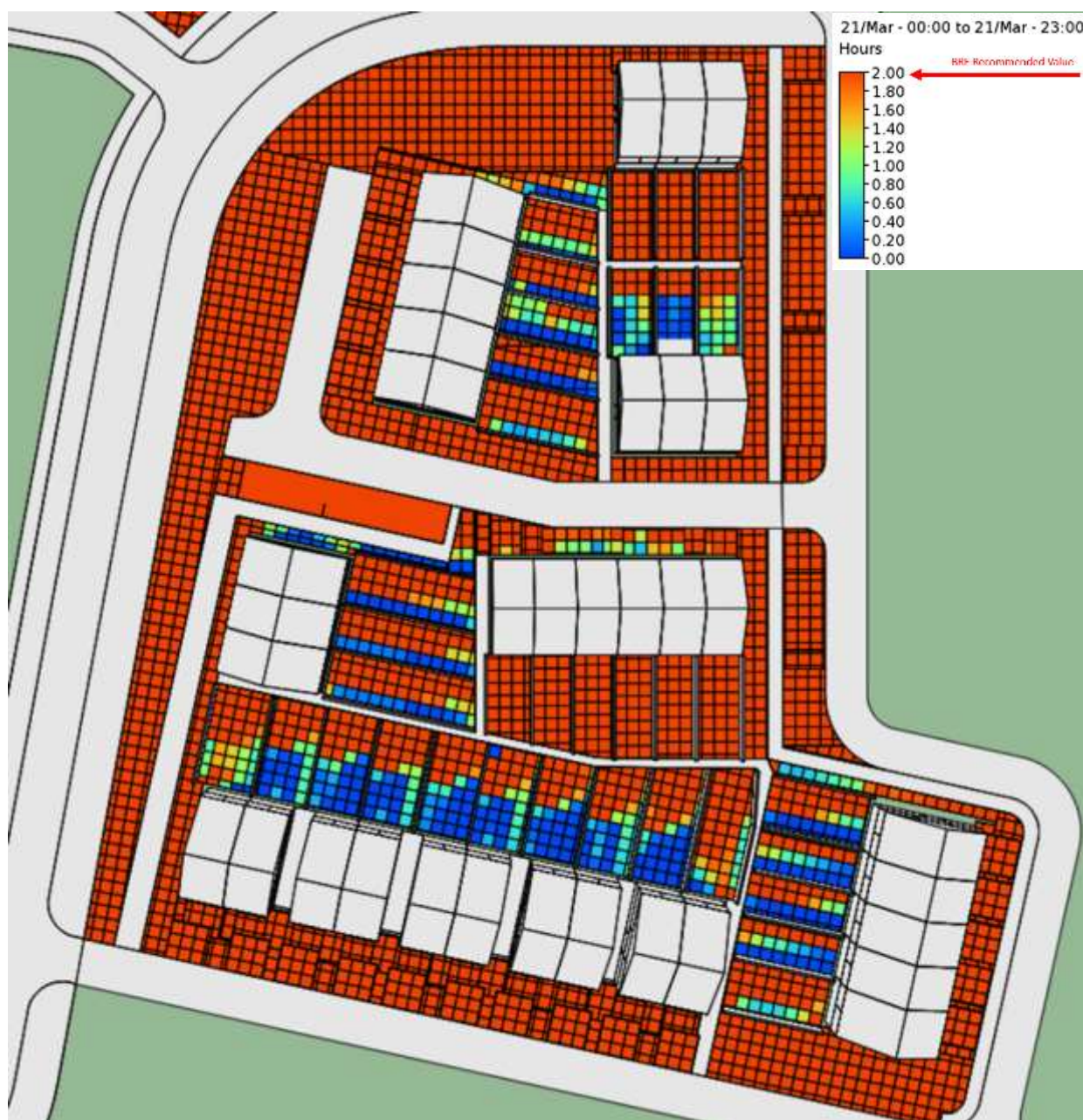
Amenity Areas – Proposed Character Area 4



Above: The amenity areas of the proposed Character Area 4. Areas shown in red above are achieving at least 2 hours of sunshine on the 21st March.

It is recommended that amenity areas achieve 2 hours of sunlight over more than 50% of their area on the 21st March according to the BRE Industry Guidelines. As shown above, the amenity spaces of Character Area 4 achieve 2 hours of sunlight over the vast majority of their area, well in excess of 50%.

Amenity Areas – Proposed Character Area 5



Above: The amenity areas of the proposed Character Area 5. Areas shown in red above are achieving at least 2 hours of sunshine on the 21st March.

It is recommended that amenity areas achieve 2 hours of sunlight over more than 50% of their area on the 21st March according to the BRE Industry Guidelines. As shown above, the amenity spaces of Character Area 5 achieve 2 hours of sunlight over the vast majority of their area, well in excess of 50%.

Amenity Areas – Proposed Character Area 2



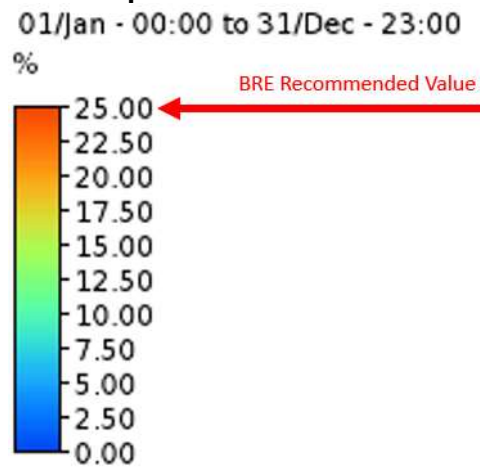
Above: The amenity areas of the proposed Character Area 2. Areas shown in red above are achieving at least 2 hours of sunshine on the 21st March.

In summary, it would be expected that the north facing gardens of the development would not achieve the BRE target sunlight availability due to the orientation of the scheme. However, it should be noted that good sunlight levels are achieved in all other gardens and the communal open spaces assessed. Overall, 2 hours of sunlight is achieved on March 21st in over 50% of the amenity spaces assessed in line with BRE guidance.

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.

Annual Assessment – Proposed Development

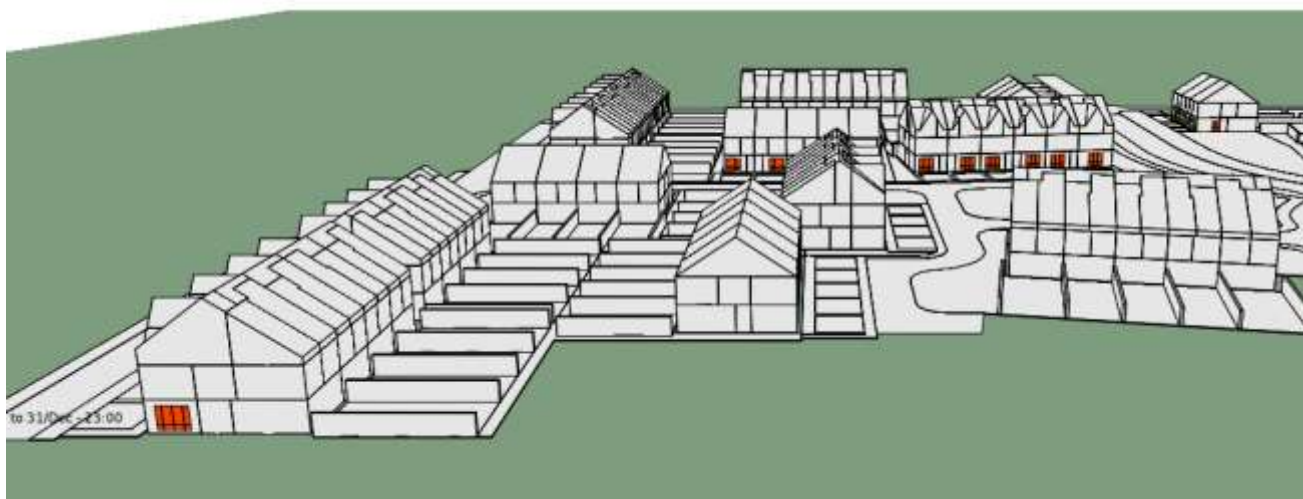


Above: Annual probable sunlight hours (%) legend

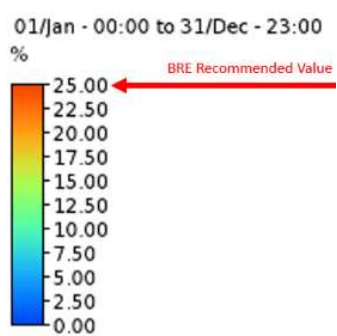
CHARACTER AREA 4



Above: View of the proposed Character Area 4 from the south



Above: View of the proposed Character Area 4 from the west



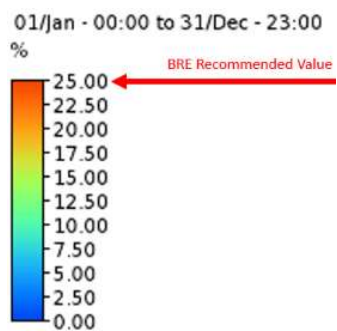
Above: Annual probable sunlight hours (%) legend



Above: View of the proposed Character Area 4 from the east



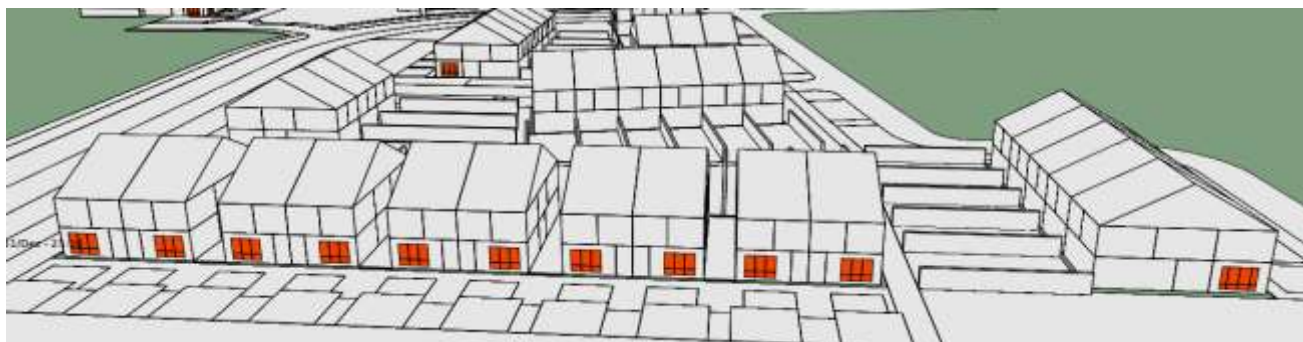
Above: View of the proposed Character Area 4 from street level



Above: Annual probable sunlight hours (%) legend

The graphics above show the living spaces within the proposed Character Area 4 that achieve 25% of their annual probable sunlight hours (highlighted in red) meaning these spaces will appear reasonably sunlit in line with BRE 209 guidance. As shown, all windows assessed achieve the BRE recommended levels of sunlight. Some living spaces have an orientation more than 90° from due south and so, would not be expected to achieve the BRE recommended level of sunlight.

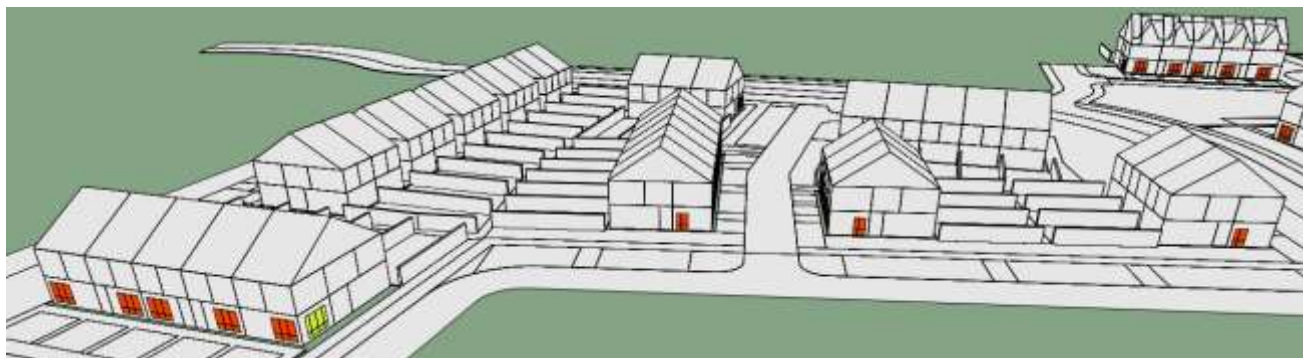
CHARACTER AREA 5



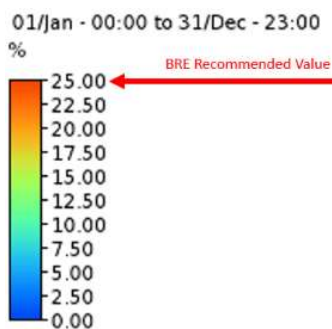
Above: View of the proposed Character Area 5 from the south



Above: View of the proposed Character Area 5 from the west



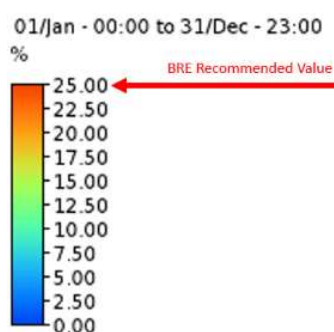
Above: View of the proposed Character Area 5 from the east



Above: Annual probable sunlight hours (%) legend



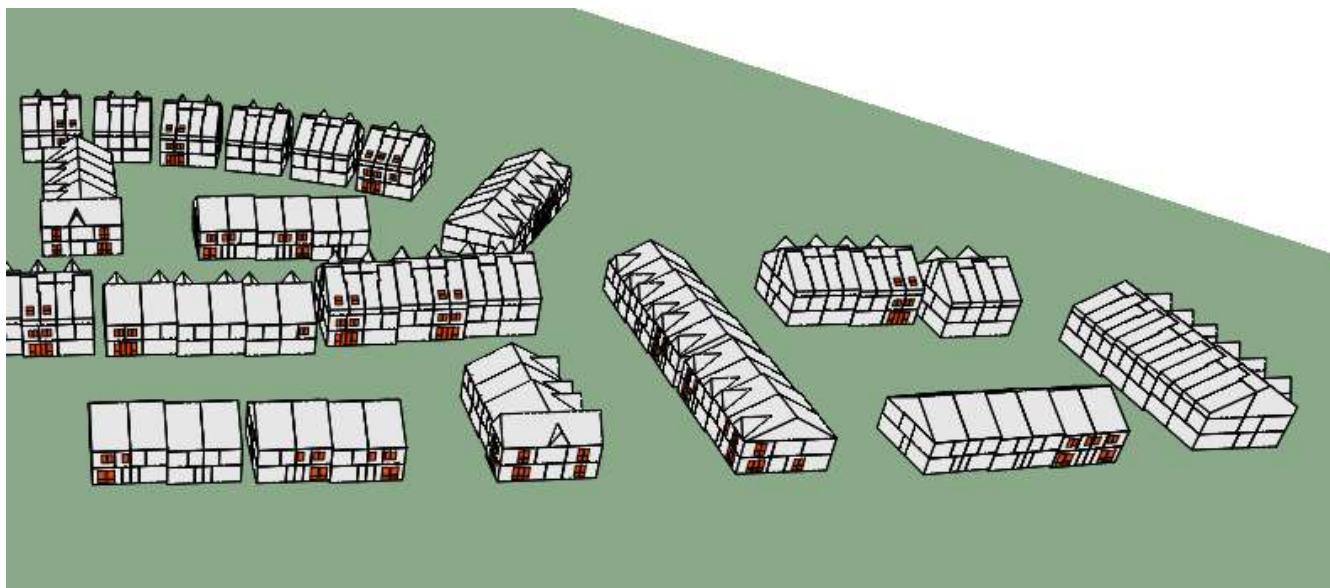
Above: View of the proposed Character Area 5 from street level



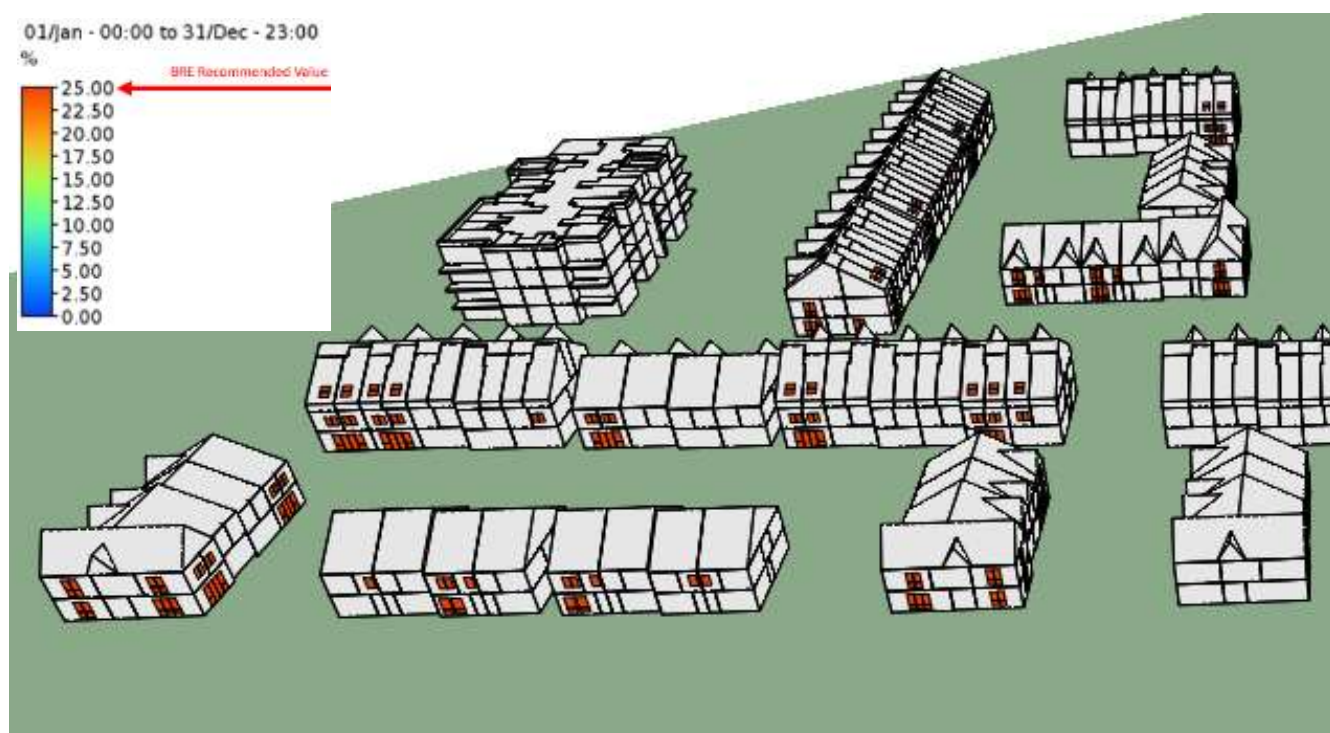
Above: Annual probable sunlight hours (%) legend

The graphic above shows the living spaces within the proposed Character Area 5 that achieve 25% of their annual probable sunlight hours (highlighted in red) meaning these spaces will appear reasonably sunlit in line with BRE 209 guidance. As shown, the vast majority of windows assessed achieve the BRE recommended levels of sunlight. A small number of openings achieve less than 25% of their annual probable sunlight hours, however these openings have an orientation more than 90° from due south and would not be expected to achieve the same level of sunlight according to BRE guidance.

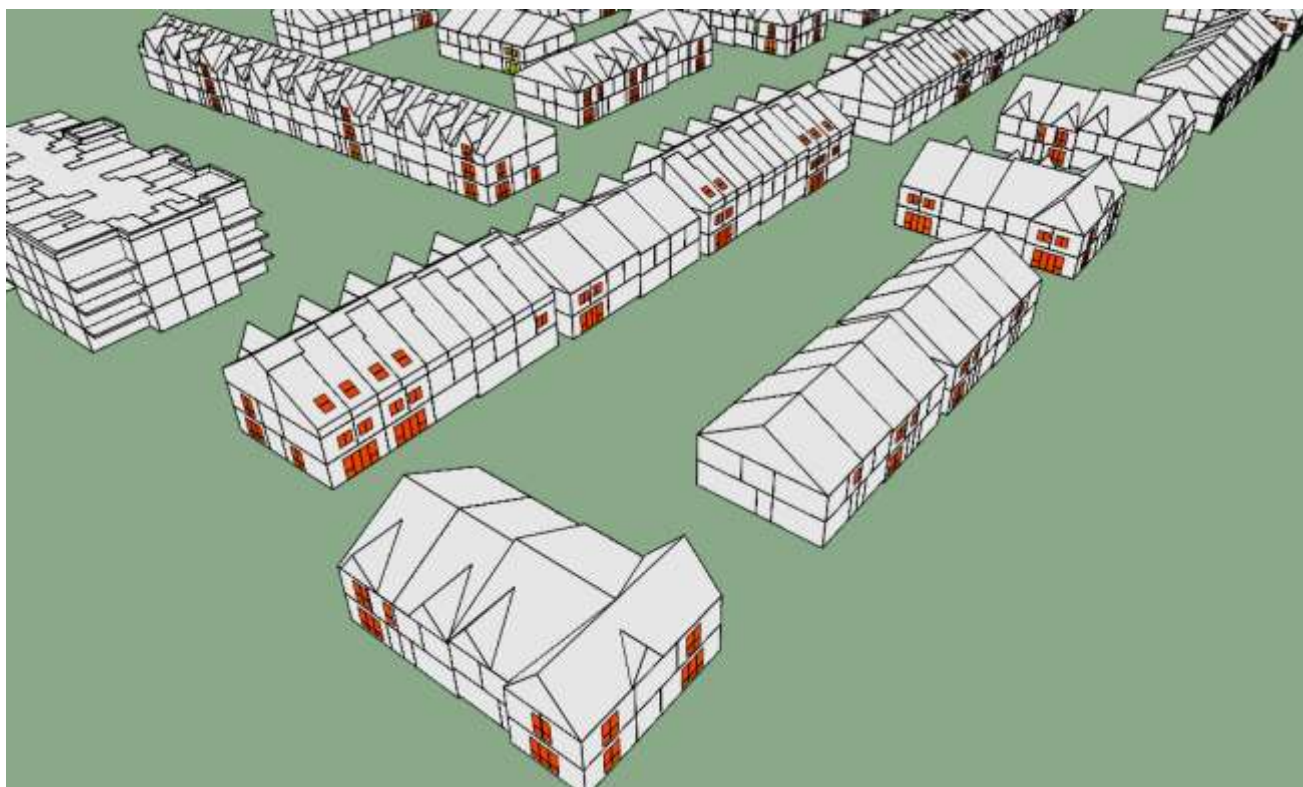
CHARACTER AREA 2



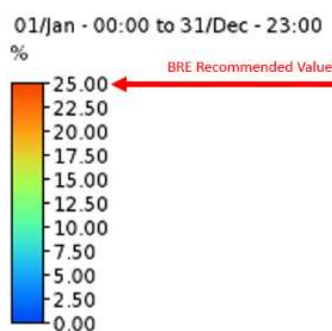
Above: View of the proposed Character Area 2 from the southwest



Above: View of the proposed Character Area 2 from the southwest



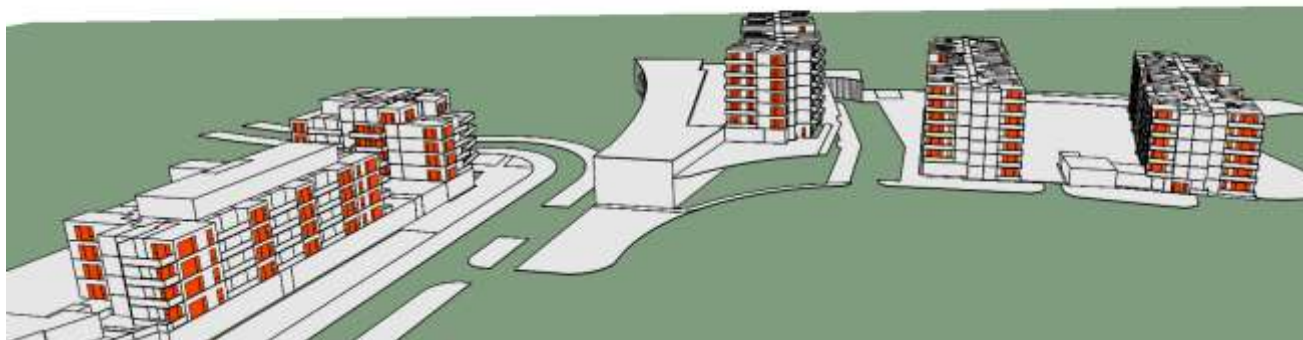
Above: View of the proposed Character Area 2 from the west



Above: Annual probable sunlight hours (%) legend

The graphic above shows the living spaces within the proposed Character Area 2 that achieve 25% of their annual probable sunlight hours (highlighted in red) meaning these spaces will appear reasonably sunlit in line with BRE 209 guidance. As shown, all windows assessed achieve the BRE recommended levels of sunlight. Some living spaces have an orientation more than 90° from due south and so, would not be expected to achieve the BRE recommended level of sunlight.

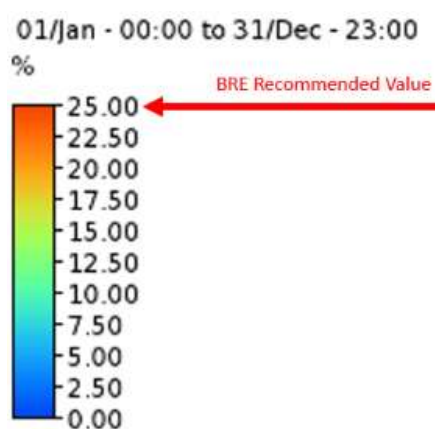
APARTMENT BLOCKS 1, 2, 3 AND NEIGHBOURHOOD CENTRE



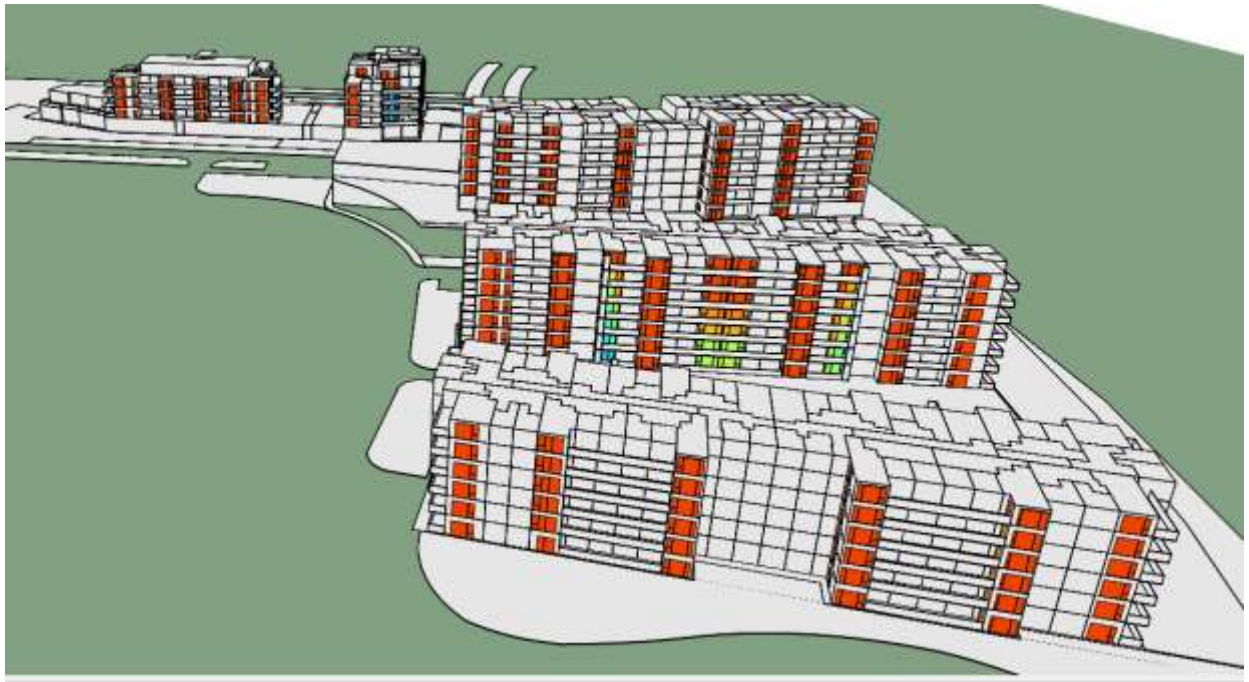
Above: View of Apartment Blocks 1, 2, 3 and the Neighbourhood Centre from the south



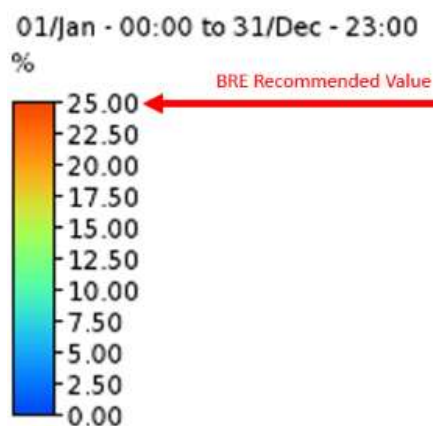
Above: View of Apartment Blocks 1, 2, 3 and the Neighbourhood Centre from the west



Above: Annual probable sunlight hours (%) legend



Above: View of Apartment Blocks 1, 2, 3 and the Neighbourhood Centre from the east



Above: Annual probable sunlight hours (%) legend

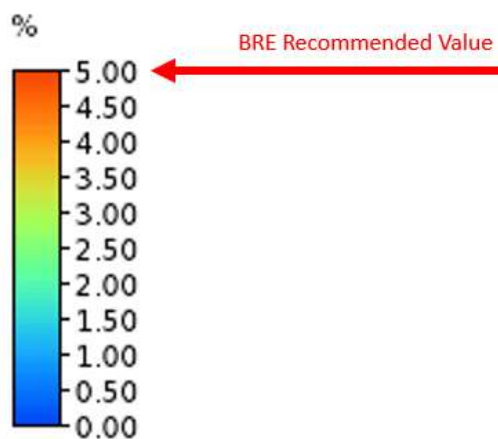
The graphics above show the living spaces within Apartment Blocks 1, 2, 3 and the Neighbourhood Centre that achieve 25% of their annual probable sunlight hours (highlighted in red) meaning these spaces will appear reasonably sunlit in line with BRE 209 guidance. As shown, the majority of windows assessed achieve the BRE recommended levels of sunlight.

All openings of the proposed building living spaces within Block 1 and Block 3 that face within 90° of due south receive at least 25% of annual probable sunlight hours. Openings of the proposed building living spaces Block 1 and Block 3 that face within 90° of due south achieve at least 5% of annual

probable sunlight hours during winter months. The vast majority of openings of the proposed building living spaces within Block 2 that face within 90° of due south receive at least 25% of annual probable sunlight hours and 5% of probable sunlight hours during winter months. A small amount of windows do not meet this recommended level of sunlight availability as the openings are recessed into the building, shaded above and to the south by parts of the proposed development itself such as balconies overhead.

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.

Annual Probable Sunlight Hours – Proposed Development: Winter Assessment

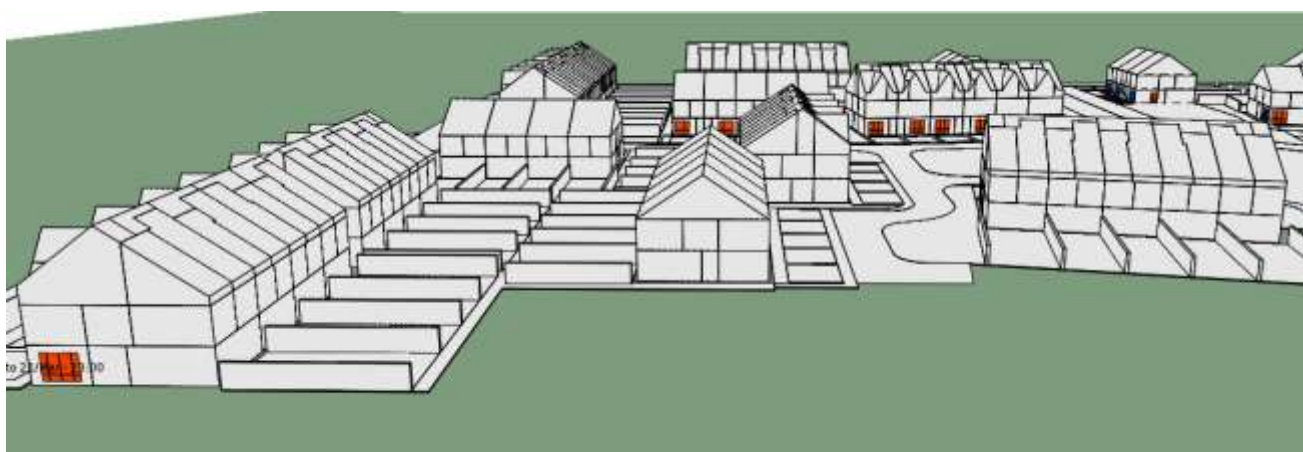
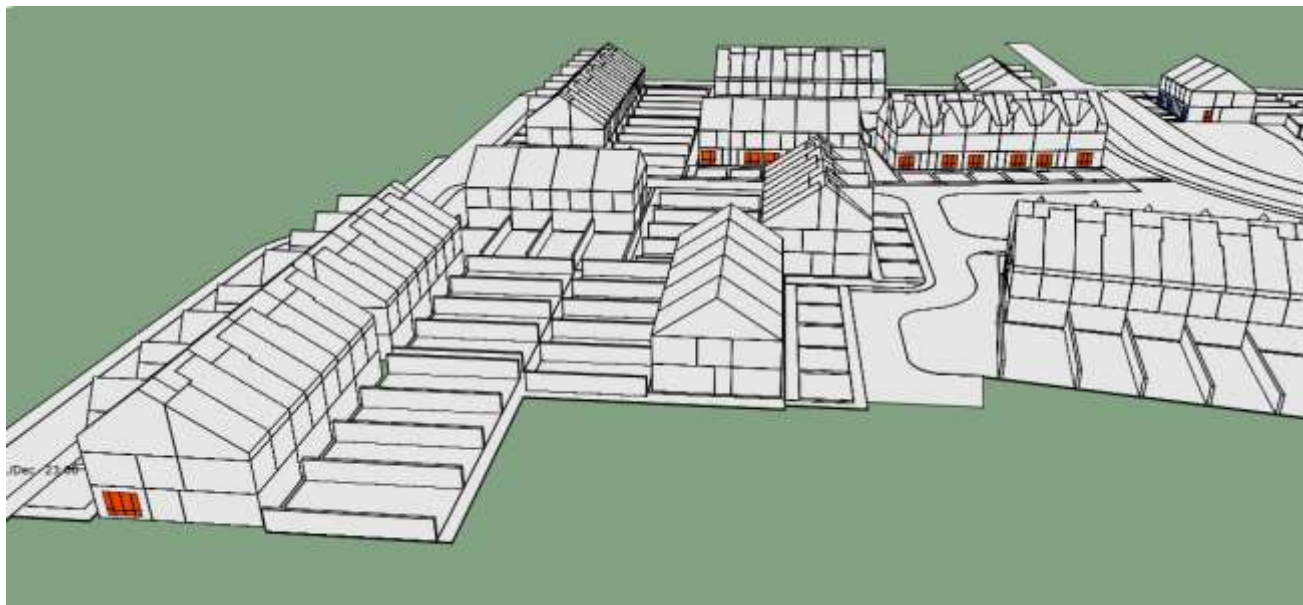


Above: Winter probable sunlight hours (%) legend (21st September – 21st March)

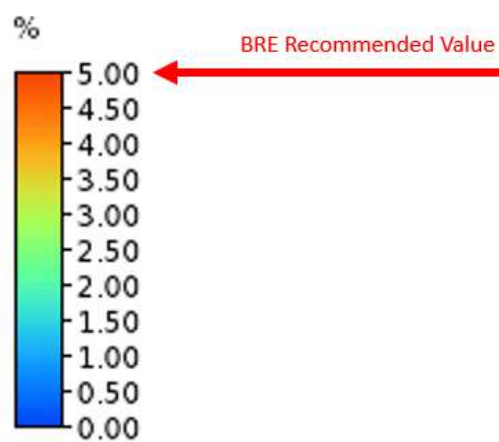
CHARACTER AREA 4



Above: View of the proposed Character Area 4 from the south



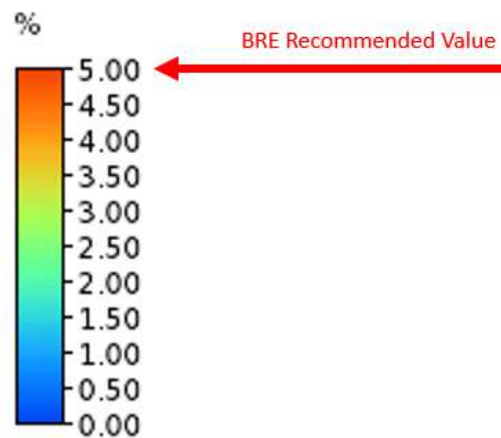
Above: View of the proposed Character Area 4 from the west



Above: Winter probable sunlight hours (%) legend (21st September – 21st March)



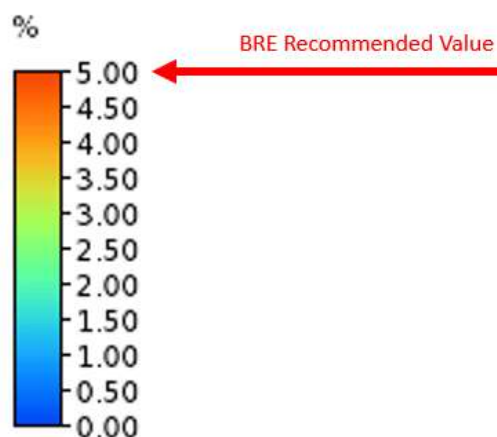
Above: View of the proposed Character Area 4 from the east



Above: Winter probable sunlight hours (%) legend (21st September – 21st March)



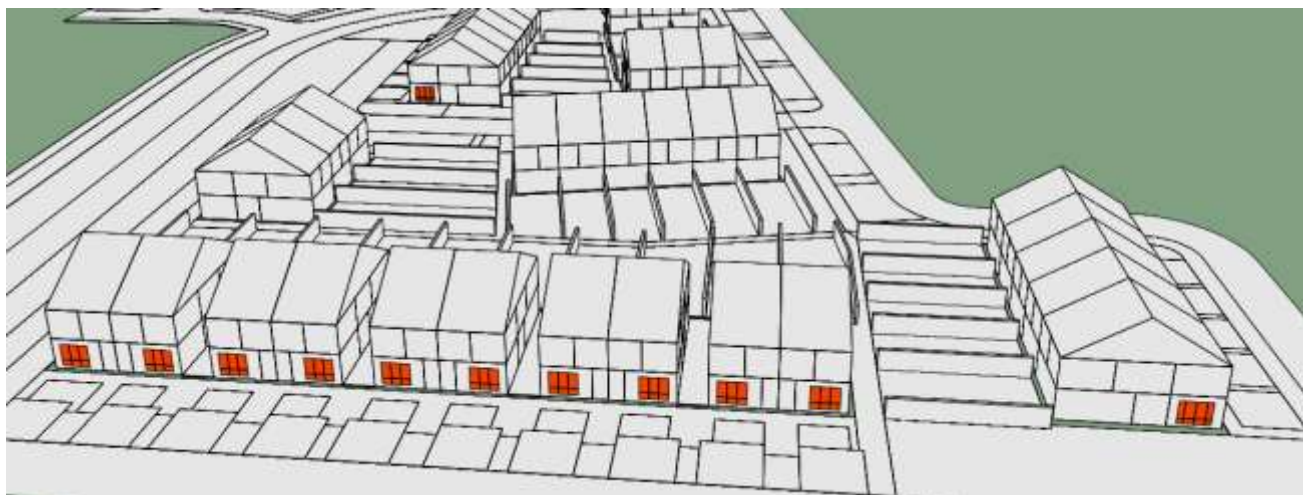
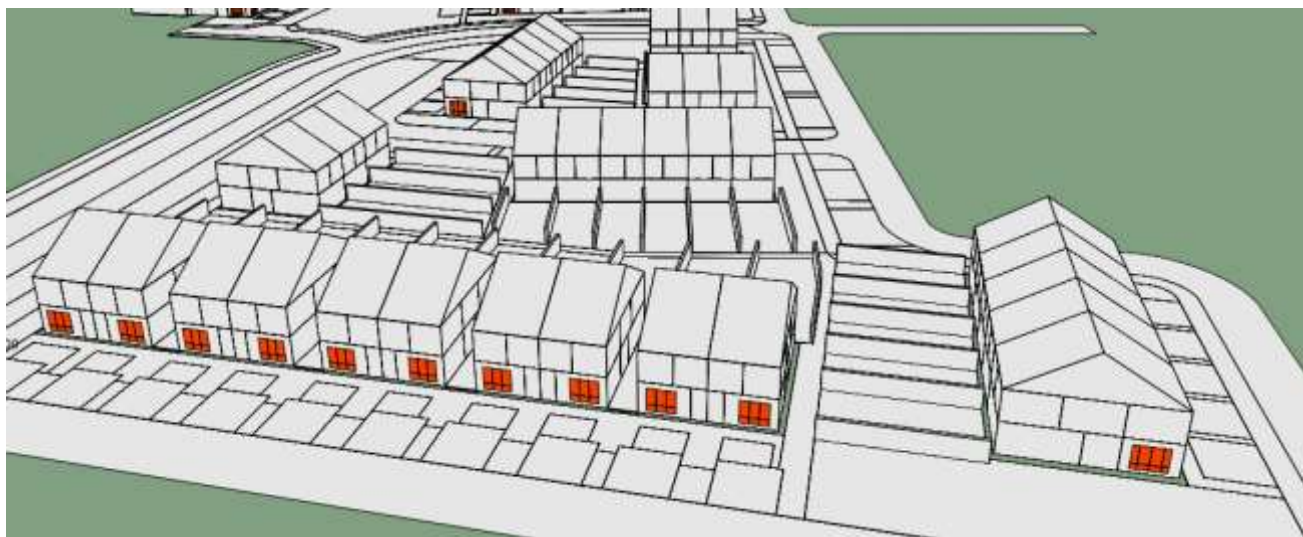
Above: View of the proposed Character Area 4 from street level



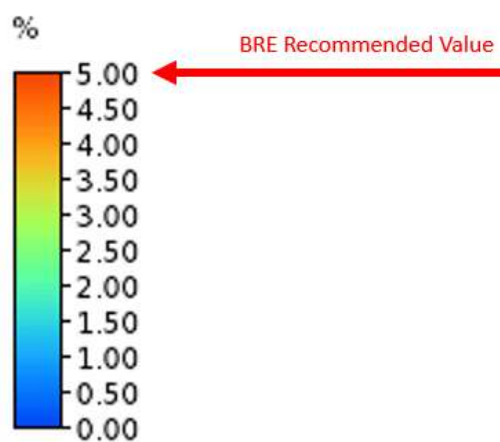
Above: Winter probable sunlight hours (%) legend (21st September – 21st March)

The graphics above show the living spaces within the proposed Character Area 4 that achieve 5% of their winter probable sunlight hours (highlighted in red) meaning these spaces will appear reasonably sunlit during winter in line with BRE 209 guidance. As shown, all windows assessed achieve the BRE recommended levels of sunlight during the winter months.

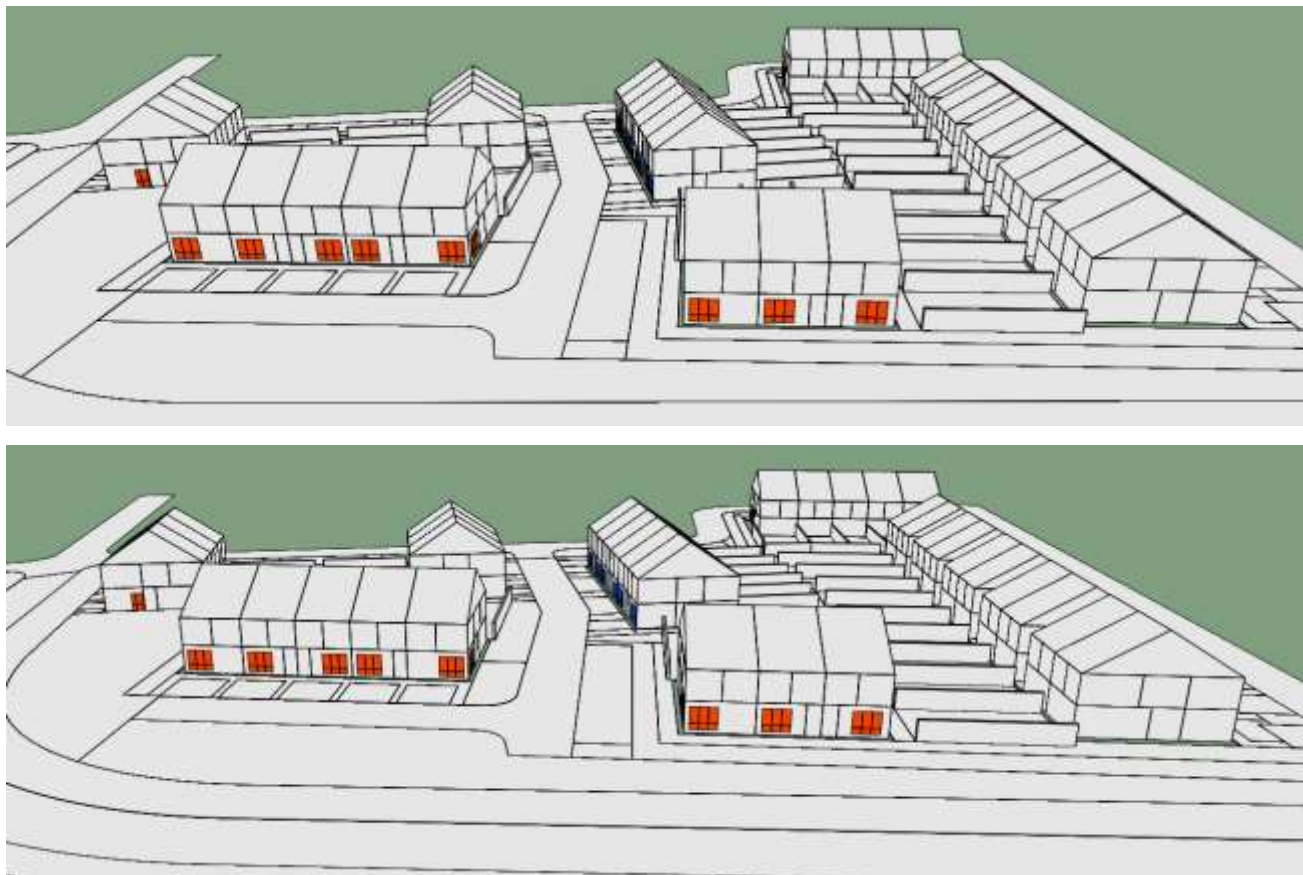
CHARACTER AREA 5



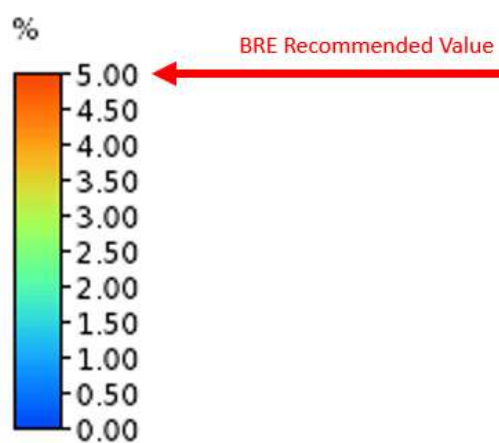
Above: View of the proposed Character Area 5 from the south



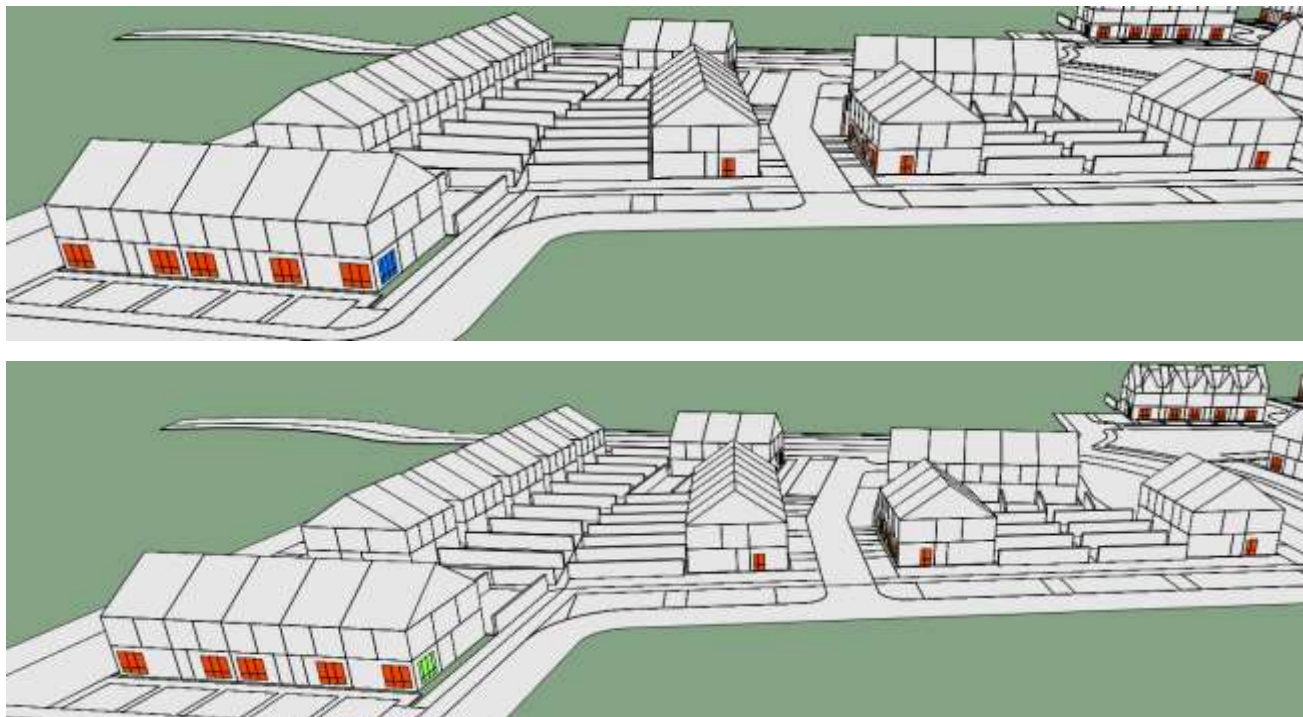
Above: Winter probable sunlight hours (%) legend (21st September – 21st March)



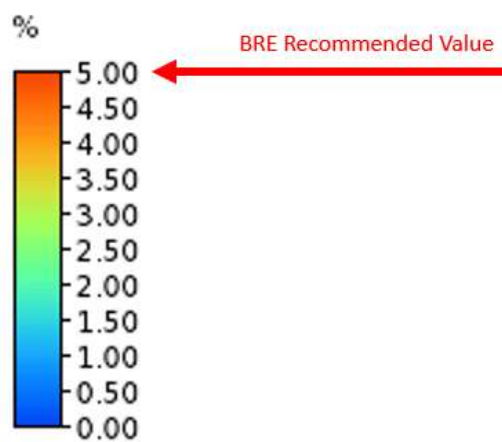
Above: View of the proposed Character Area 5 from the west



Above: Winter probable sunlight hours (%) legend (21st September – 21st March)



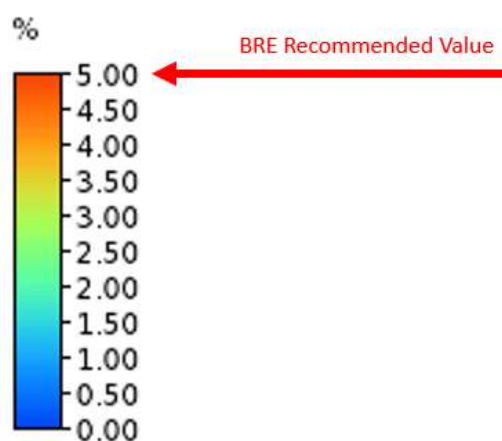
Above: View of the proposed Character Area 5 from the east



Above: Winter probable sunlight hours (%) legend (21st September – 21st March)



Above: View of the proposed Character Area 5 from street level

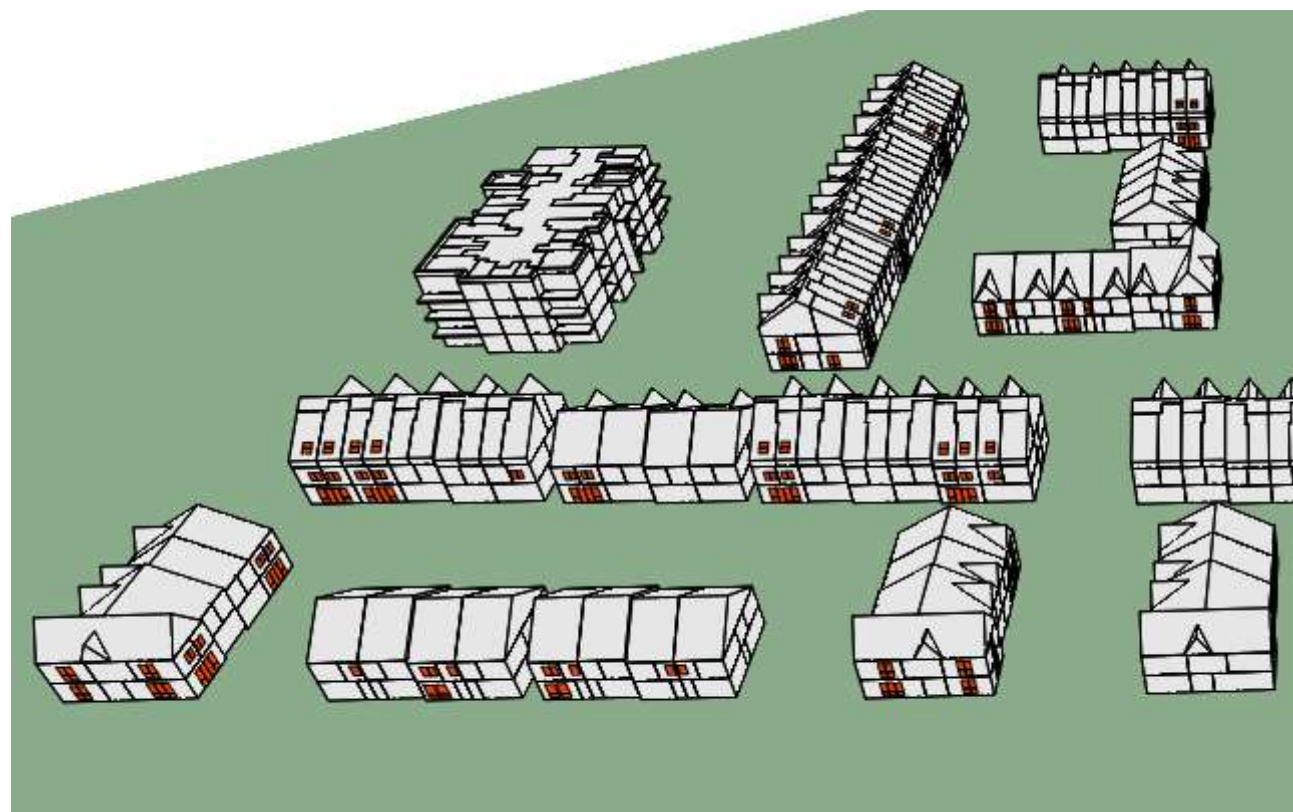
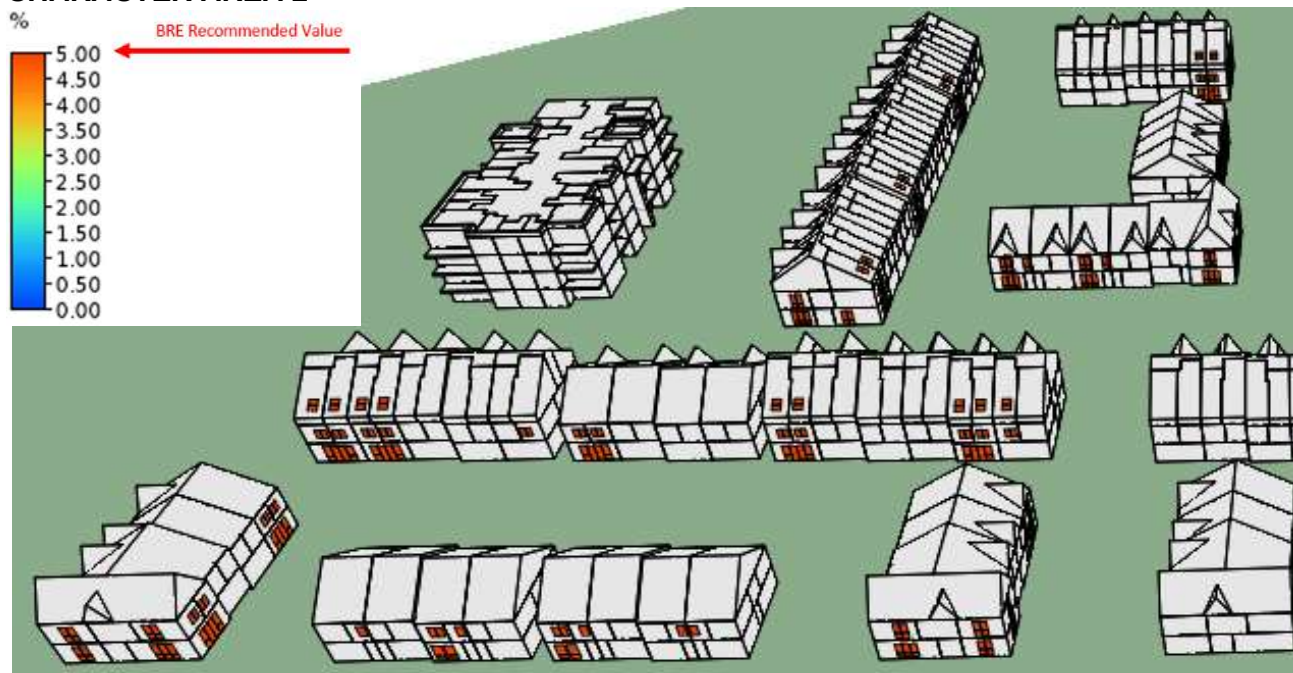


Above: Winter probable sunlight hours (%) legend (21st September – 21st March)

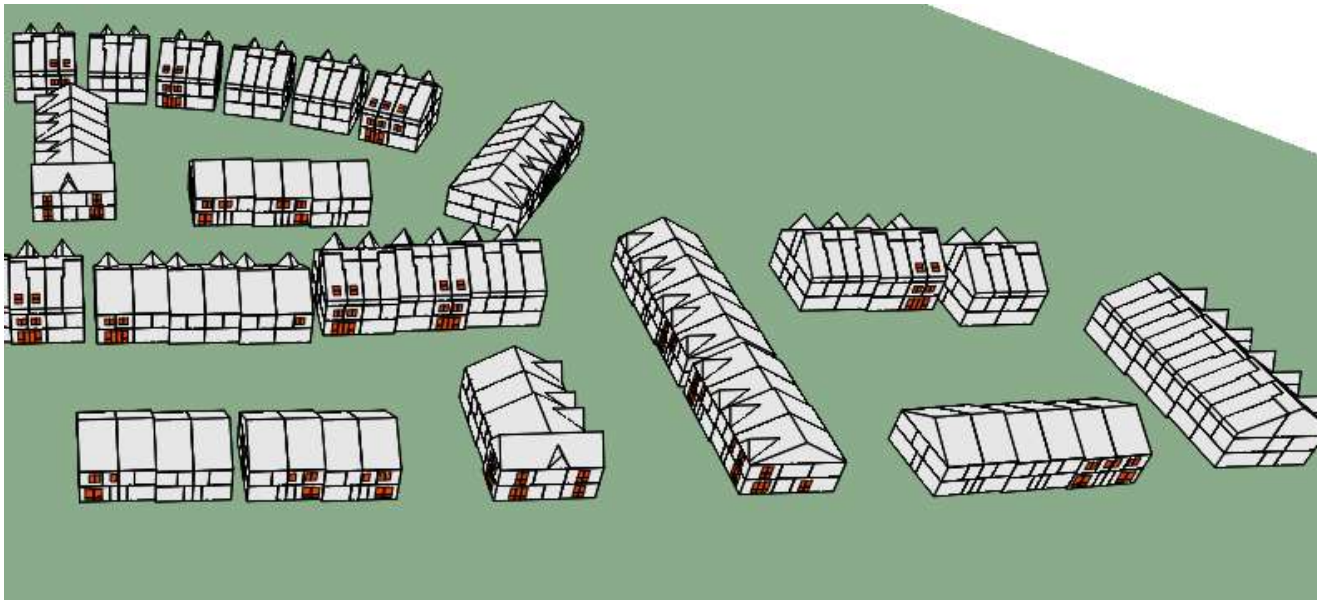
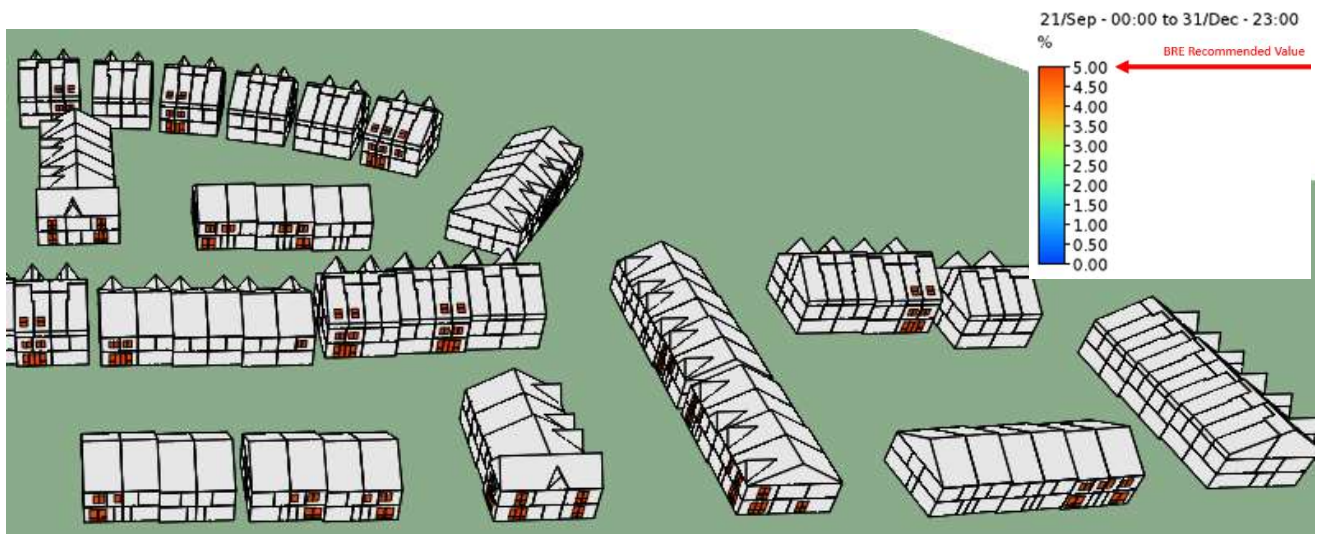
The graphics above show the living spaces within the proposed Character Area 5 that achieve 5% of their probable sunlight hours during the winter months (highlighted in red) meaning these spaces will appear reasonably sunlit in line with BRE 209 guidance. As shown, the vast majority of windows

assessed achieve the BRE recommended levels of sunlight. A small number of openings achieve less than 5% of their winter probable sunlight hours, however these openings have an orientation more than 90° from due south and would not be expected to achieve the same level of sunlight according to BRE guidance.

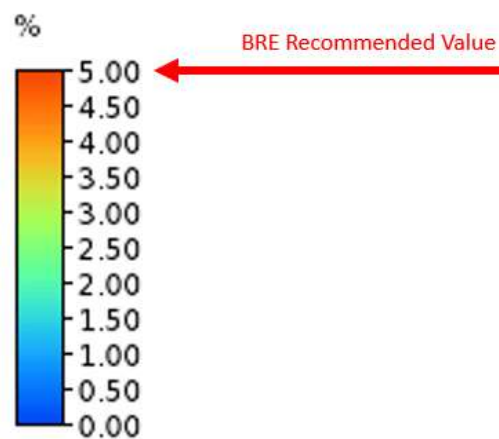
CHARACTER AREA 2



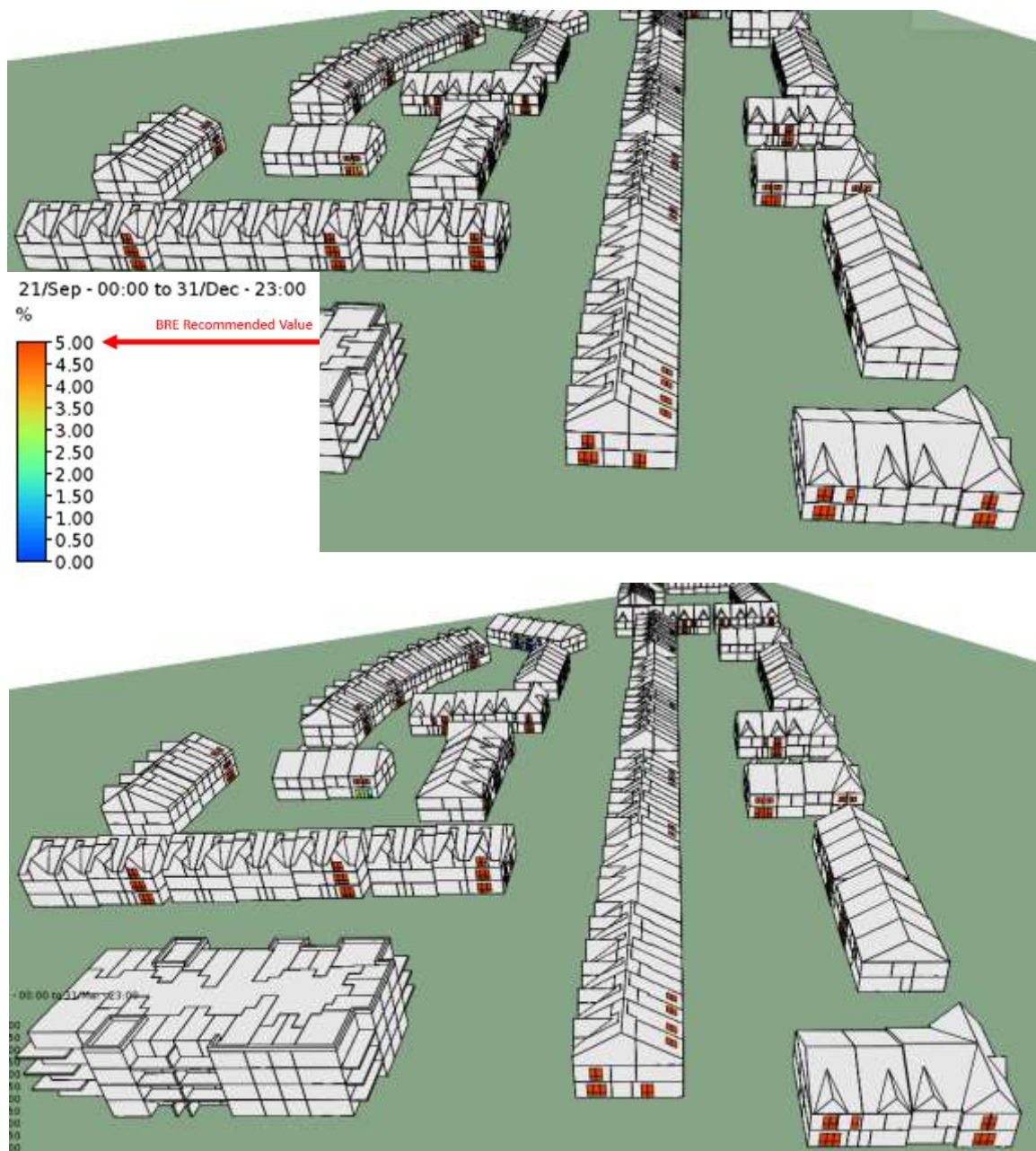
Above: View of the proposed Character Area 2 from the southwest



Above: View of the proposed Character Area 2 from the southwest



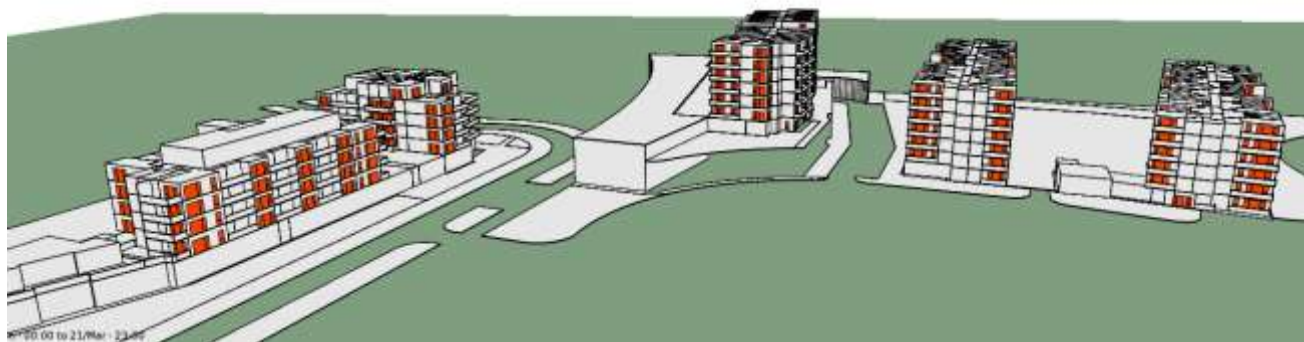
Above: Winter probable sunlight hours (%) legend (21st September – 21st March)



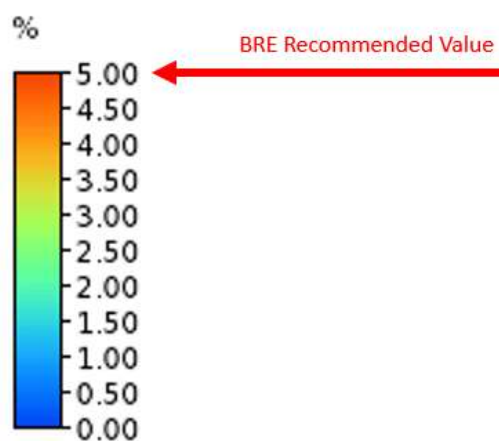
Above: View of the proposed Character Area 2 from the west

The graphics above show the living spaces within the proposed Character Area 2 that achieve 5% of their probable sunlight hours during the winter months (highlighted in red) meaning these spaces will appear reasonably sunlit in line with BRE 209 guidance. As shown, the vast majority of windows assessed achieve the BRE recommended levels of sunlight. A small number of openings achieve less than 5% of their winter probable sunlight hours, however these openings have an orientation more than 90° from due south and would not be expected to achieve the same level of sunlight according to BRE guidance.

APARTMENT BLOCKS 1, 2, 3 AND NEIGHBOURHOOD CENTRE



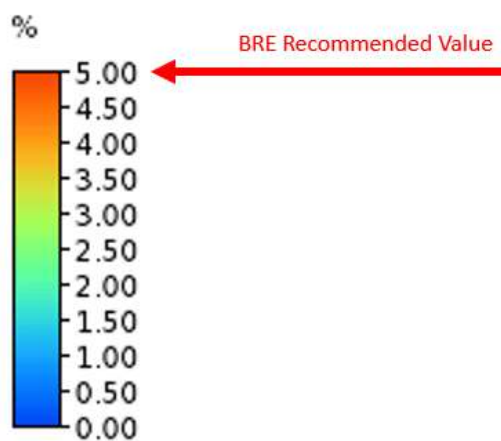
Above: View of the proposed Apartment Blocks 1, 2, 3 and Neighbourhood Centre from the south



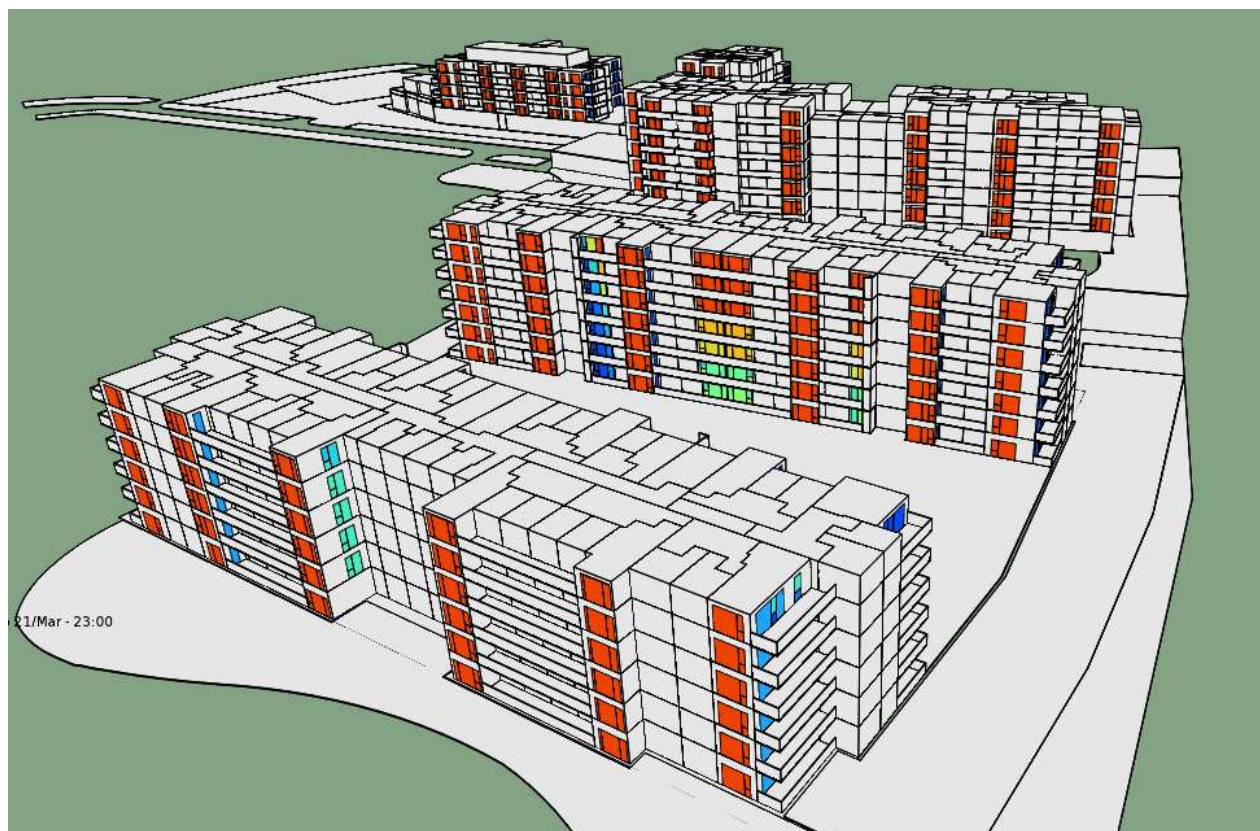
Above: Winter probable sunlight hours (%) legend (21st September – 21st March)



Above: View of the proposed Apartment Blocks 1, 2, 3 and Neighbourhood Centre from the southwest



Above: Winter probable sunlight hours (%) legend (21st September – 21st March)



Above: View of the proposed Apartment Blocks 1, 2, 3 and Neighbourhood Centre from the east

The graphic above shows the living spaces within the proposed Apartment Blocks 1, 2, 3 and Neighbourhood Centre that achieve 5% of their probable sunlight hours during the winter months (highlighted in red) meaning these spaces will appear reasonably sunlit in line with BRE 209 guidance. As shown, the vast majority of windows assessed achieve the BRE recommended levels of sunlight. A small number of openings achieve less than 5% of their winter probable sunlight hours, however these openings have an orientation more than 90° from due south and would not be expected to achieve the same level of sunlight according to BRE guidance.

In general, the vast majority of windows assessed meet the annual probable sunlight hours criteria outlined in the BRE Guide as shown in the above model images for the annual and winter assessments.

9. COMPENSATORY MEASURES

While taking in consideration the natural contours of the site, It has been possible to arrange the apartment buildings proposed with a favourable east-west orientation allowing maximum sunlight penetration into the streets and courtyards contained by the buildings. This orientation also avoids any north facing single aspect units.

Separation between apartment buildings has been carefully considered to avoid overlooking in addition to allowing maximum daylight penetration into gardens and courtyards. 22m separation has been achieved between first floor opposing windows for the houses and only reduced where one unit doesn't have any windows at first floor level

The apartment units in blocks 1 to 3 facing south will enjoy the iconic views of Bray Sugar Loaf Mountains while the north east and north west units will have remarkable views of the Irish Sea and Bray. Block 4 will have the added benefit of overlooking the proposed 11.5 Hectares District Park and Ballyman Glen beyond. Of the 409 proposed apartments, 210 (51.3%) are dual aspect units which is above the required 50%.

Every residential dwelling proposed will have an area of private open space to enjoy, immediately accessible from the dwelling. All houses have private rear gardens enclosed by the housing cells and built form ensuring privacy for the homeowner. All apartment units will have private balconies or terraces accessible directly from the living spaces.

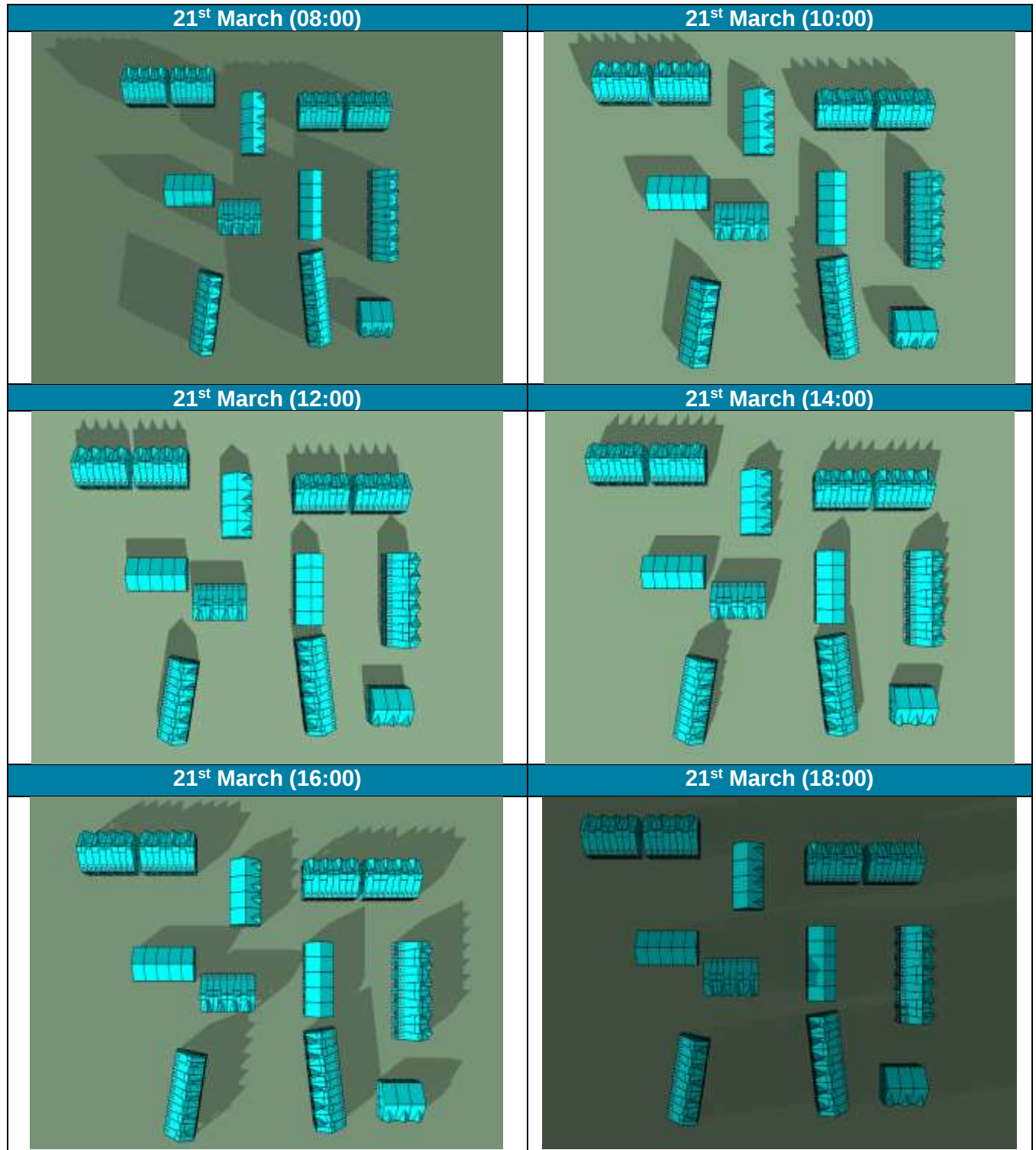
All apartment units will have dedicated semi-private spaces in excess of the minimum required provision, directly accessed from the circulation cores, fully equipped with high quality landscaping features and equipment and accessible all year round.

APPENDIX A | OVERSHADOWING IMAGES

Character Area 4

Plan View Images

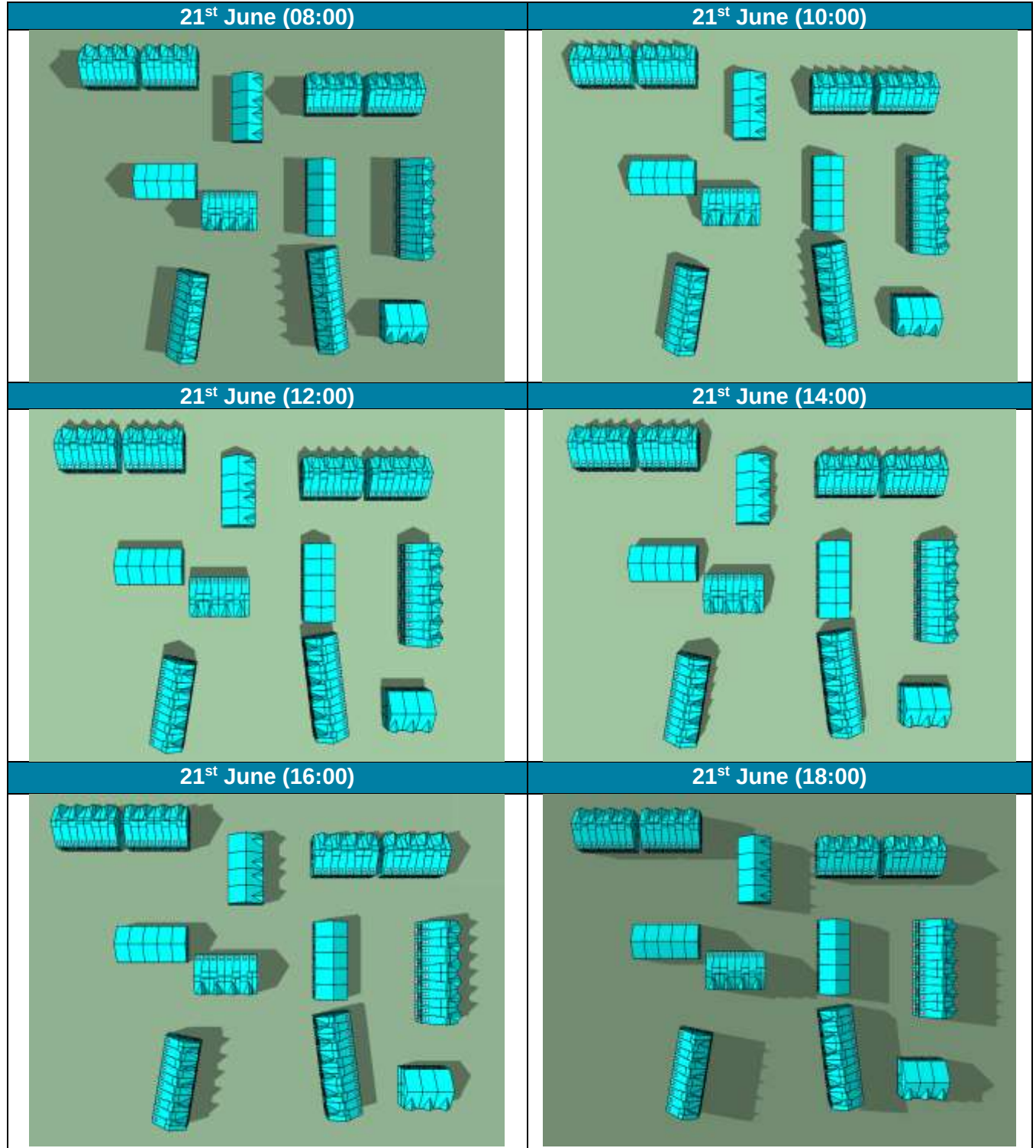
Plan View – 21st March



Character Area 4

Plan View Images

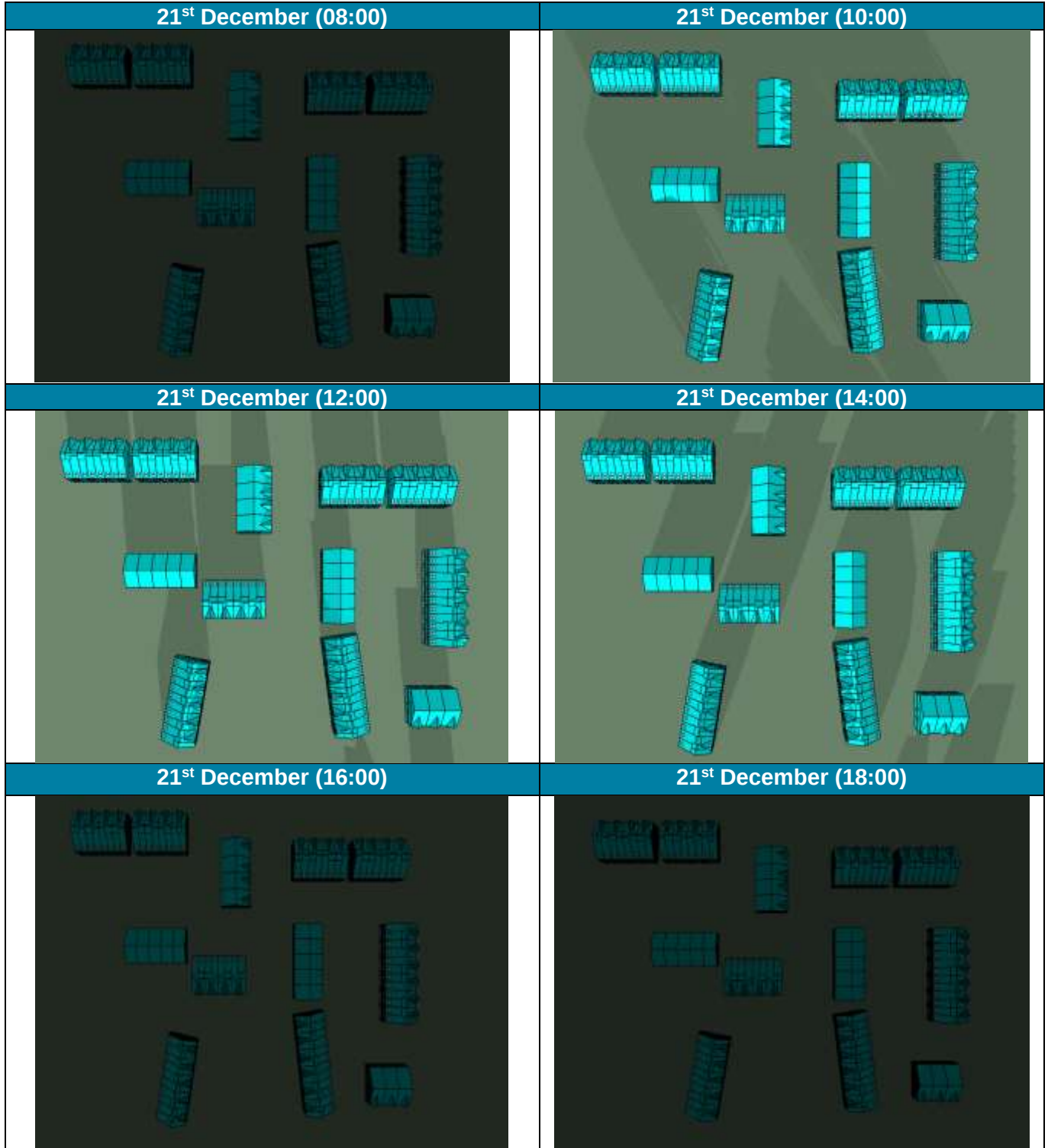
Plan View – 21st June



Character Area 4

Plan View Images

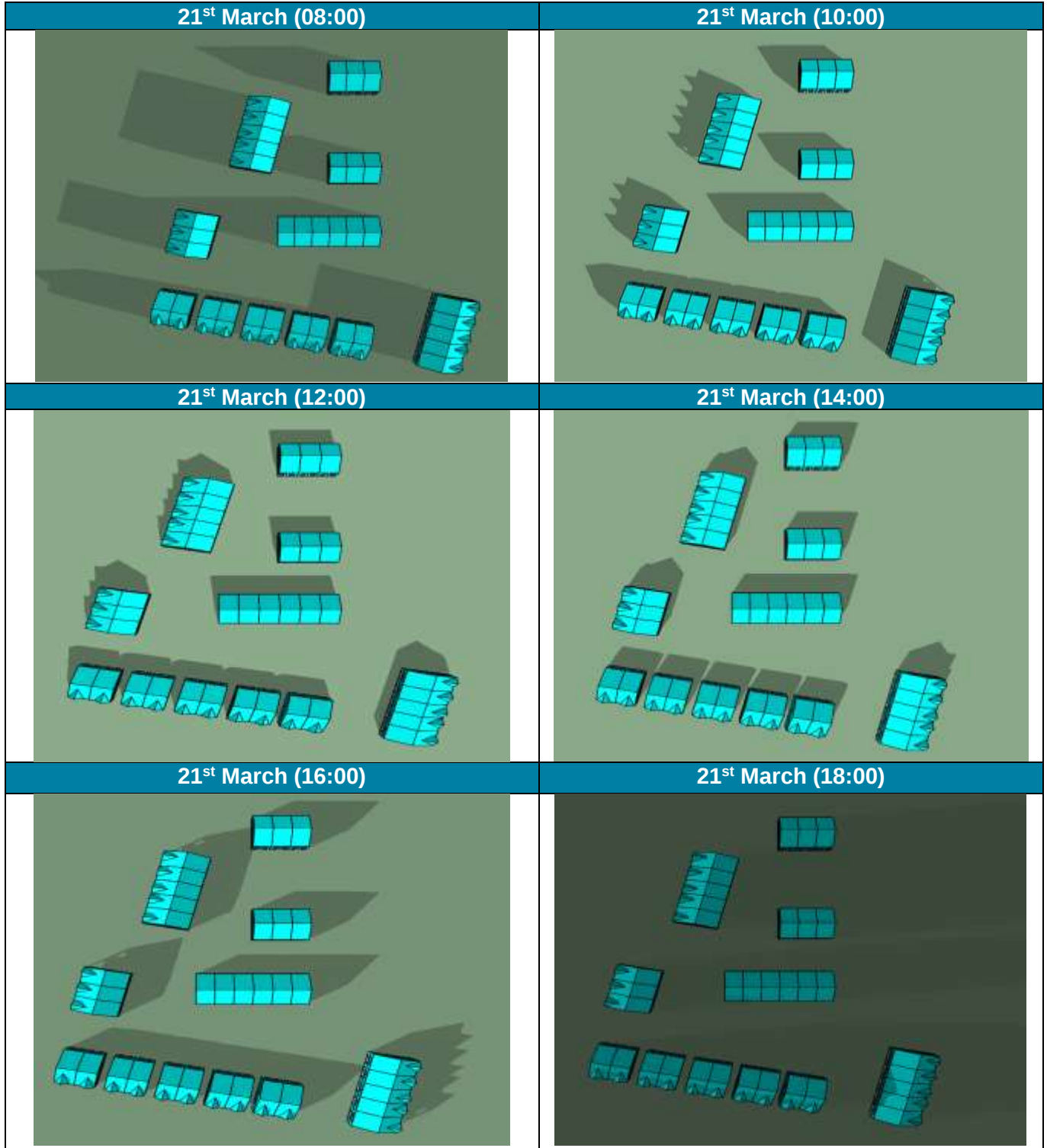
Plan View – 21st June



Character Area 5

Plan View Images

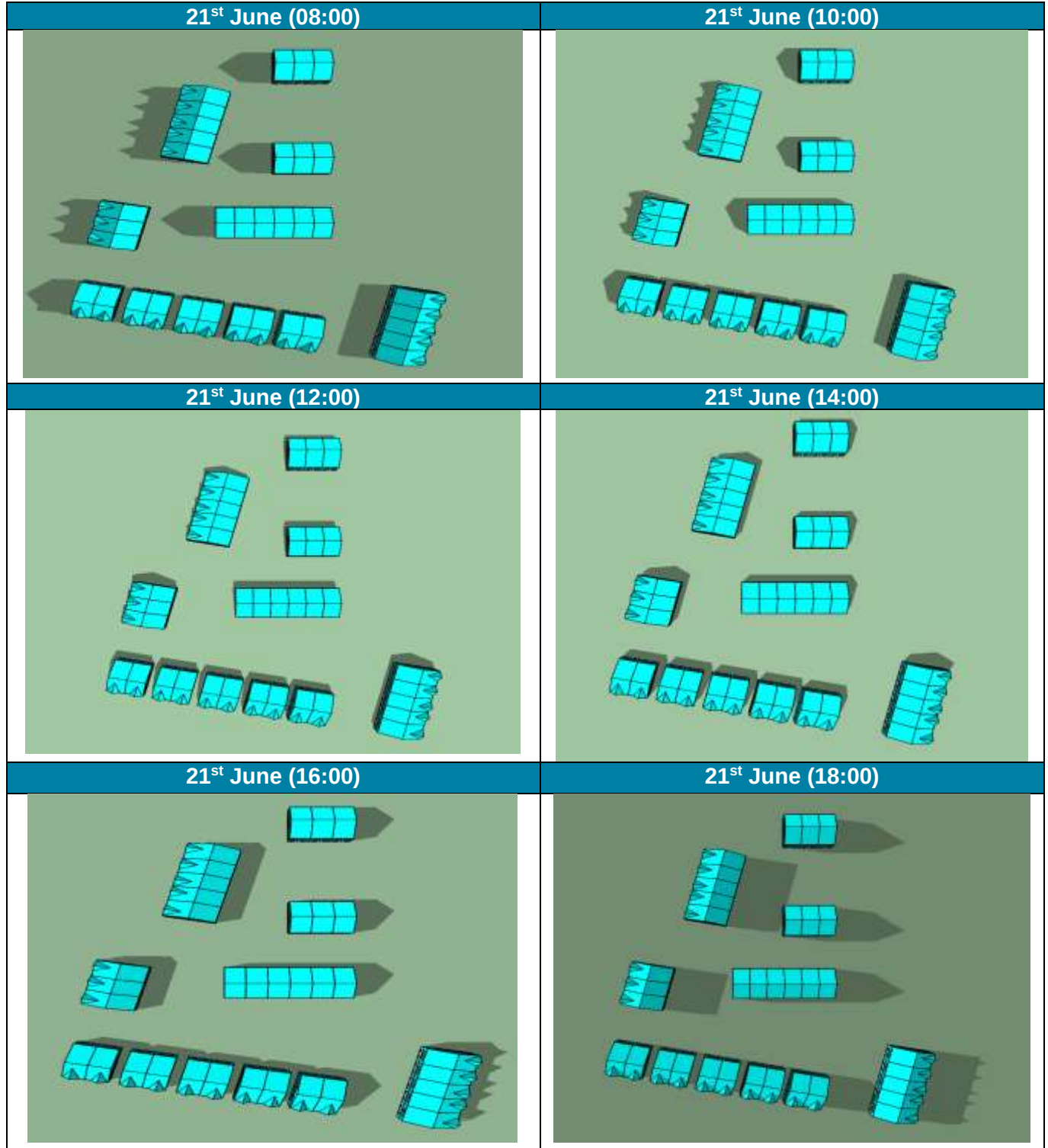
Plan View – 21st March



Character Area 5

Plan View Images

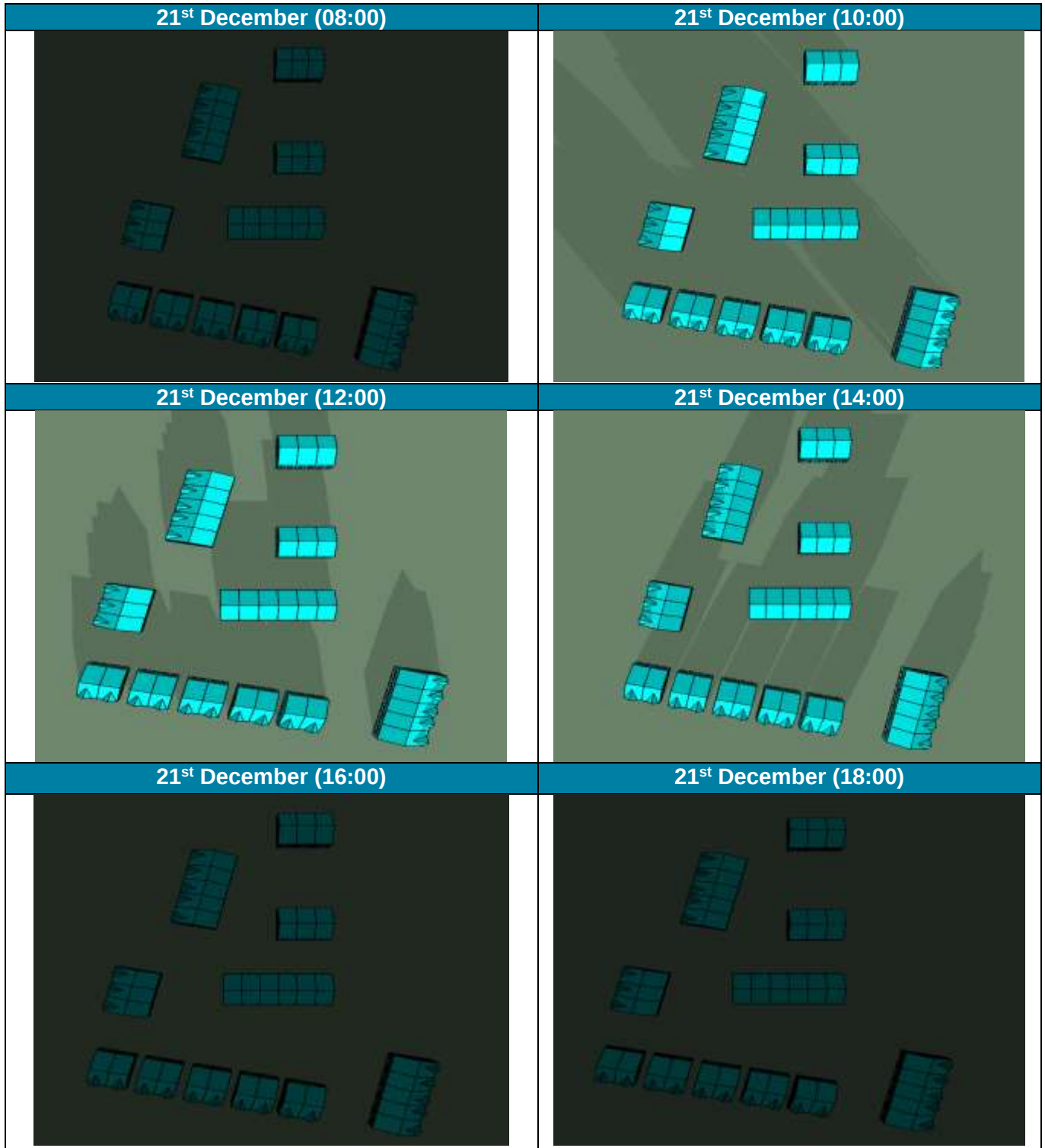
Plan View – 21st June



Character Area 5

Plan View Images

Plan View – 21st December



Character Area 2

Plan View Images

Plan View – 21st March



Character Area 2

Plan View Images

Plan View – 21st June

21st June (08:00)



21st June (10:00)



21st June (12:00)



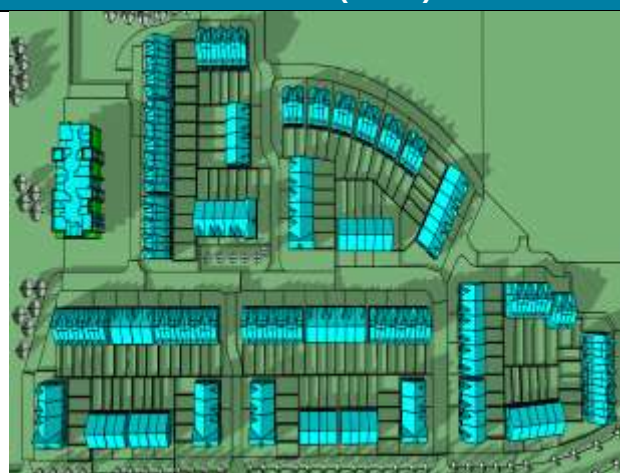
21st June (14:00)



21st June (16:00)



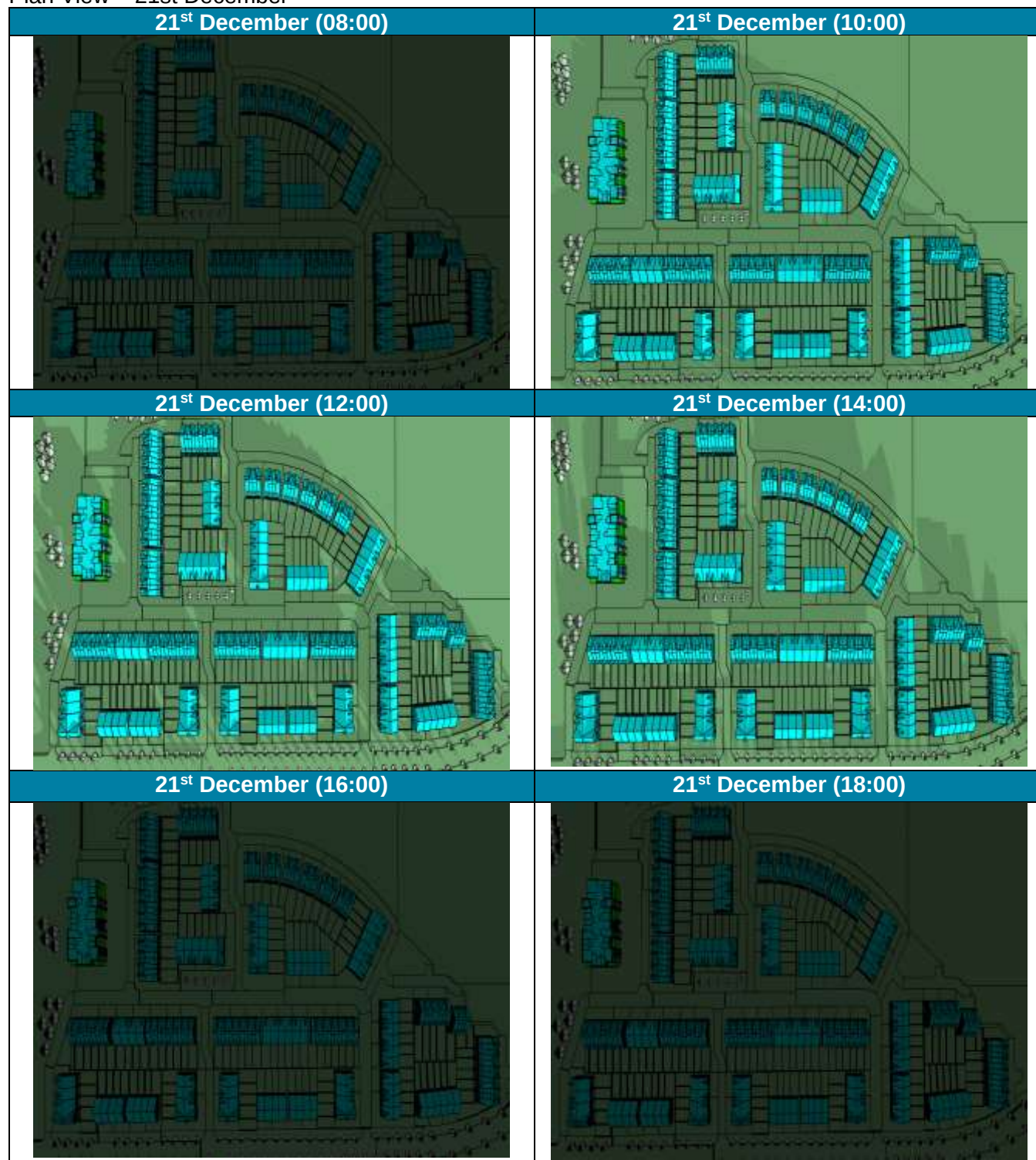
21st June (18:00)



Character Area 2

Plan View Images

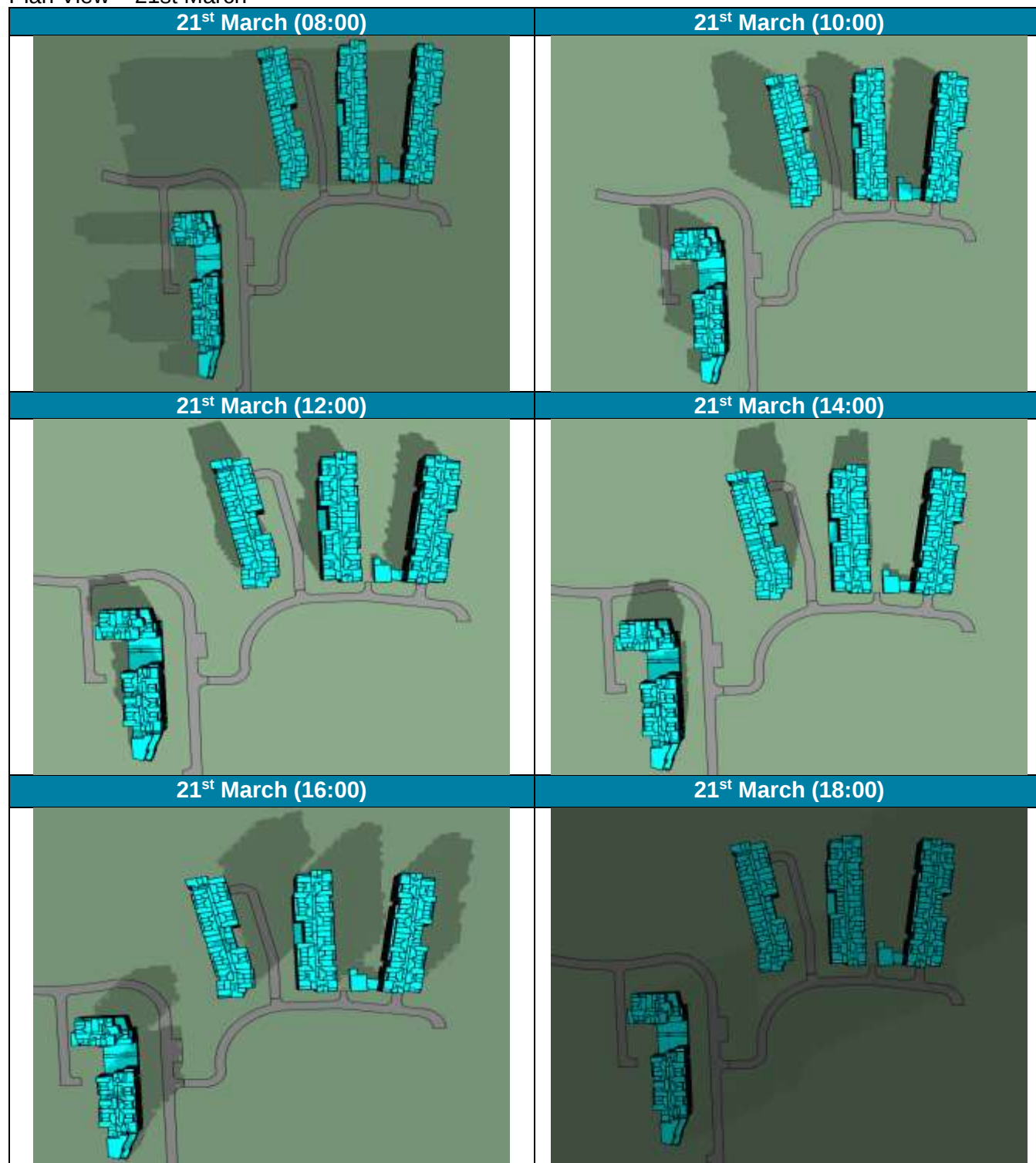
Plan View – 21st December



Apartment Block 1-3 and Neighbourhood Centre

Plan View Images

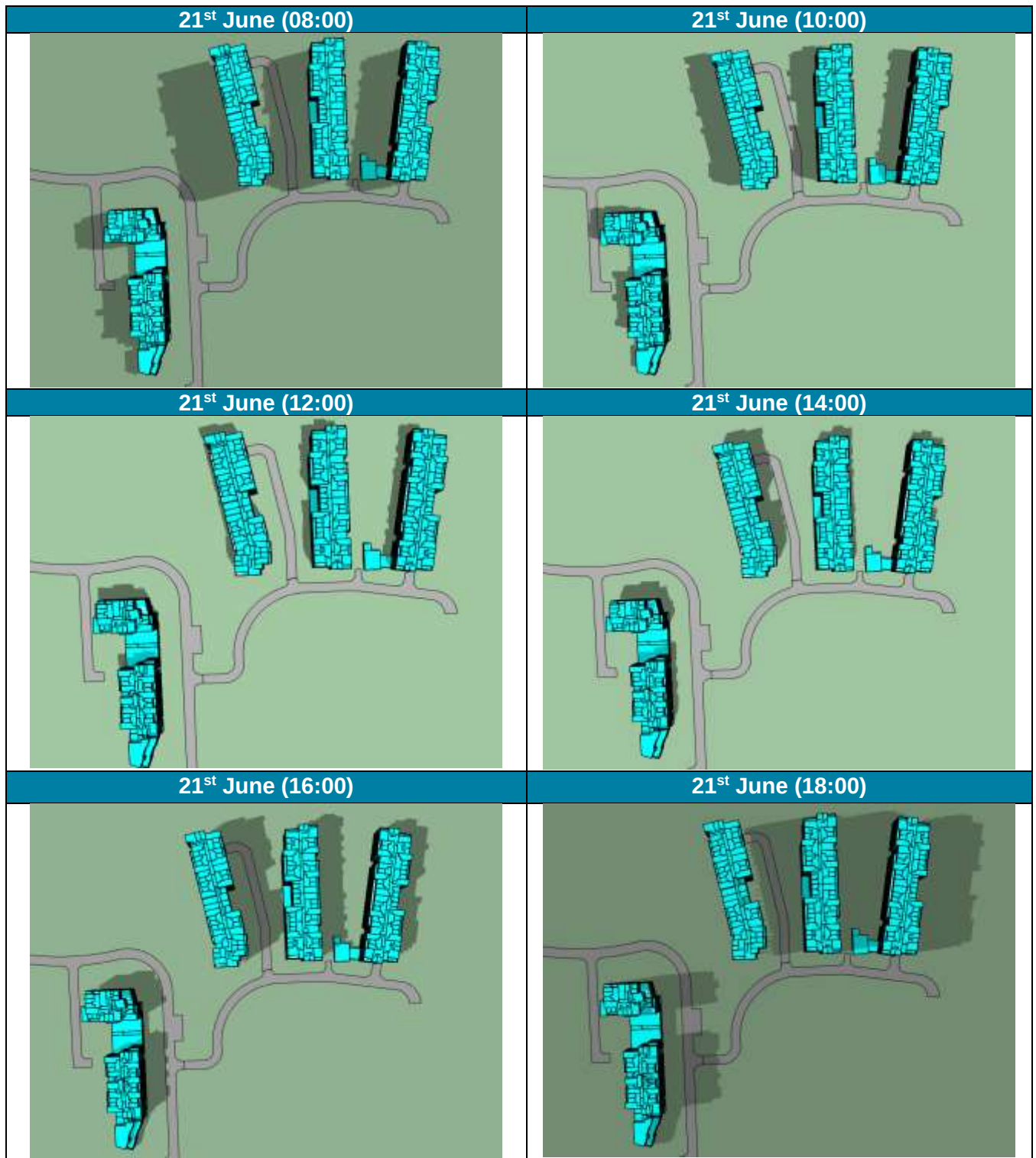
Plan View – 21st March



Apartment Block 1-3 and Neighbourhood Centre

Plan View Images

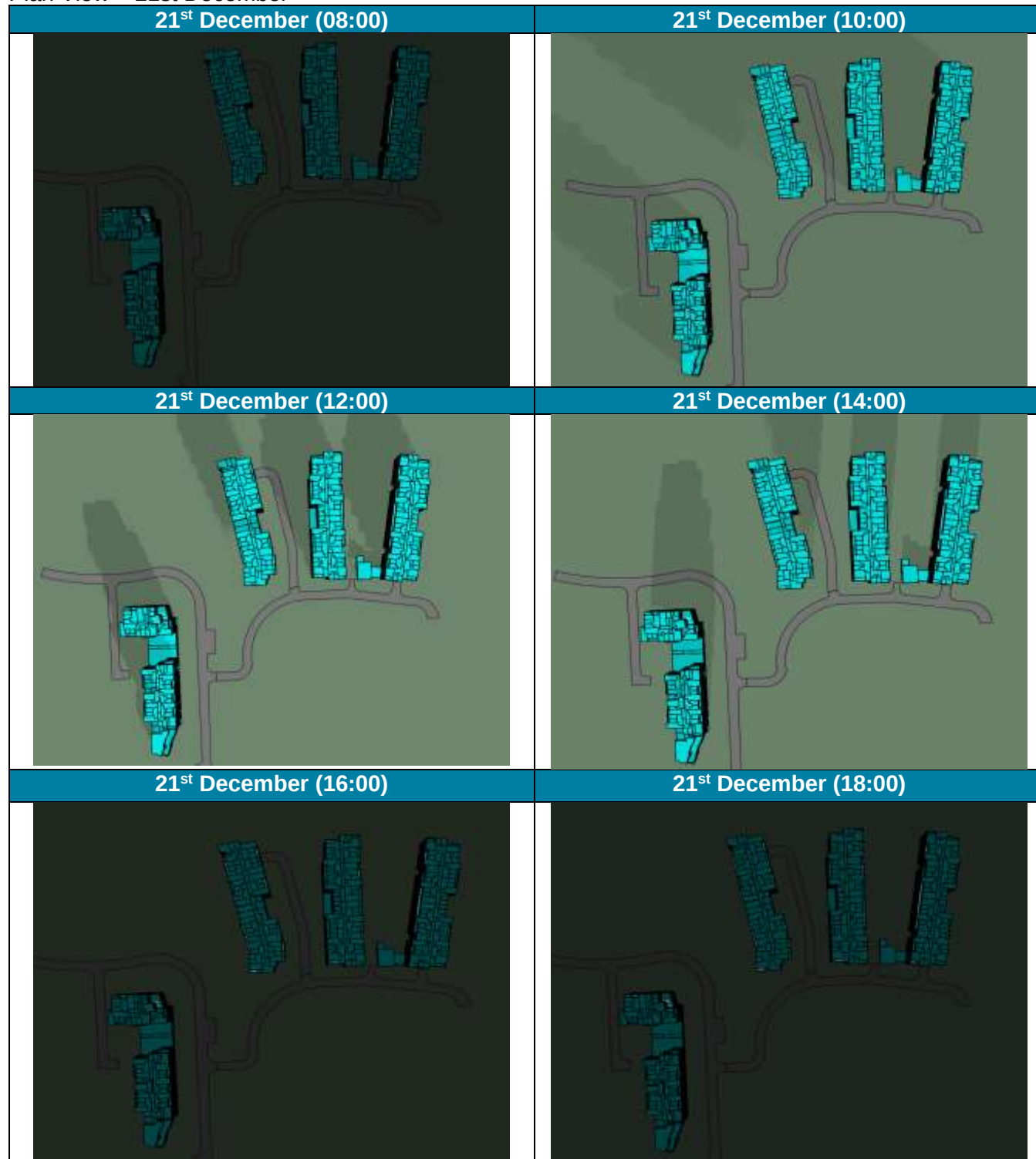
Plan View – 21st June



Apartment Block 1-3 and Neighbourhood Centre

Plan View Images

Plan View – 21st December



APPENDIX B | ADF Results

Character Area 4-5 Kitchen ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	U1_00_4D_Kitchen / Dining	12.77	6.07	Yes
2	U2_00_4C_Kitchen / Dining	8.93	4.15	Yes
3	U3_00_4C_Kitchen / Dining	8.93	4.47	Yes
4	U8_00_4A_Kitchen / Dining	8.93	4.46	Yes
5	U5_00_4A_Kitchen / Dining	8.93	4.45	Yes
6	U7_00_4A_Kitchen / Dining	8.93	4.42	Yes
7	U4_00_4A_Kitchen / Dining	8.93	4.66	Yes
8	U6_00_4A_Kitchen / Dining	8.93	4.22	Yes
9	U9_0_4A_Kitchen / Dining	8.93	4.59	Yes
10	U10_00_4B_Kitchen / Dining	12.77	5.92	Yes
11	U11_00_4A_Kitchen / Dining	8.93	4.03	Yes
12	U12_00_4A_Kitchen / Dining	8.93	4.24	Yes
13	U13_00_4A_Kitchen / Dining	8.93	4.46	Yes
14	U14_00_4A_Kitchen / Dining	8.93	4.57	Yes
15	U15_00_4A_Kitchen / Dining	8.93	4.17	Yes
16	U16_00_4A_Kitchen / Dining	8.93	3.98	Yes
17	U17_00_4B_Kitchen / Dining	12.77	5.86	Yes
18	U18_00_4E_Kitchen / Dining	8.93	5.22	Yes
19	U19_00_4E_Kitchen / Dining	8.93	5.07	Yes
20	U20_00_4E_Kitchen / Dining	8.93	5.00	Yes
21	U21_00_4E_Kitchen / Dining	8.93	5.03	Yes
22	U22_00_4E_Kitchen / Dining	8.93	5.34	Yes
23	U23_00_4A_Kitchen / Dining	8.93	5.41	Yes
24	U24_00_4A_Kitchen / Dining	8.93	4.54	Yes
25	U25_00_4A_Kitchen / Dining	8.93	4.55	Yes
26	U26_00_4A_Kitchen / Dining	8.93	4.47	Yes
27	U27_01_4A_Kitchen / Dining	8.93	4.31	Yes
28	U28_00_4B_Kitchen / Dining	12.77	6.37	Yes
29	U29_00_4E_Kitchen / Dining	8.93	5.01	Yes
30	U30_00_4E_Kitchen / Dining	8.93	4.88	Yes
31	U31_00_4E_Kitchen / Dining	8.93	4.85	Yes
32	U32_00_4E_Kitchen / Dining	8.93	4.91	Yes
33	U33_00_4E_Kitchen / Dining	8.93	5.25	Yes
34	U34_00_4A_Kitchen / Dining	8.93	4.25	Yes
35	U35_00_4A_Kitchen / Dining	8.93	4.42	Yes
36	U36_00_4A_Kitchen / Dining	8.93	4.32	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
37	U37_00_4B_Kitchen / Dining	12.77	6.03	Yes
38	U38_00_4C_Kitchen / Dining	8.93	4.65	Yes
39	U39_00_4C_Kitchen / Dining	8.93	4.60	Yes
40	U40_00_4C_Kitchen / Dining	8.93	4.65	Yes
41	U41_00_4D_Kitchen / Dining	12.77	6.09	Yes
42	U42_00_4B_Kitchen / Dining	12.77	6.12	Yes
43	U43_00_4A_Kitchen / Dining	8.93	4.25	Yes
44	U44_00_4A_Kitchen / Dining	8.93	4.28	Yes
45	U45_00_4A_Kitchen / Dining	8.93	4.45	Yes
46	U46_00_4A_Kitchen / Dining	8.93	4.67	Yes
47	U47_00_4A_Kitchen / Dining	8.93	4.48	Yes
48	U48_00_4A_Kitchen / Dining	8.93	4.55	Yes
49	U49_00_4B_Kitchen / Dining	12.77	6.64	Yes
50	U50_00_4B_Kitchen / Dining	12.77	6.64	Yes
51	U51_0_4A_Kitchen / Dining	8.93	4.89	Yes
52	U52_00_4A_Kitchen / Dining	8.93	4.89	Yes
53	U53_00_4A_Kitchen / Dining	8.93	4.90	Yes
54	U54_00_4B_Kitchen / Dining	12.77	7.02	Yes
55	U1_00_5E_Kitchen / Dining	10.61	5.51	Yes
56	U2_00_5E_Kitchen / Dining	8.93	5.17	Yes
57	U3_00_5E_Kitchen / Dining	10.61	5.29	Yes
58	U4_00_5E_Kitchen / Dining	10.61	5.38	Yes
59	U5_00_5E_Kitchen / Dining	8.93	5.02	Yes
60	U6_00_5E_Kitchen / Dining	8.93	5.13	Yes
61	U7_00_5D_Kitchen / Dining	12.77	6.30	Yes
62	U8_00_5C_Kitchen / Dining	8.93	4.49	Yes
63	U9_00_5C_Kitchen / Dining	8.93	4.64	Yes
64	U10_00_5C_Kitchen / Dining	8.93	5.35	Yes
65	U11_00_5D_Kitchen / Dining	12.77	7.29	Yes
66	U12_00_5E_Kitchen / Dining	10.61	5.57	Yes
67	U13_00_5E_Kitchen / Dining	8.93	5.21	Yes
68	U14_00_5E_Kitchen / Dining	8.93	5.21	Yes
69	U15_00_5E_Kitchen / Dining	8.93	5.12	Yes
70	U16_00_5E_Kitchen / Dining	8.93	5.18	Yes
71	U17_00_5E_Kitchen / Dining	8.93	5.25	Yes
72	U18_00_5D_Kitchen / Dining	12.77	6.42	Yes
73	U19_00_5C_Kitchen / Dining	8.93	4.67	Yes
74	U20_00_5C_Kitchen / Dining	8.93	4.78	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
75	U21_00_5C_Kitchen / Dining	8.93	4.53	Yes
76	U22_00_5C_Kitchen / Dining	8.93	4.52	Yes
77	U23_00_5C_Kitchen / Dining	8.93	5.49	Yes
78	U24_00_5C_Kitchen / Dining	8.93	5.57	Yes
79	U25_00_5C_Kitchen / Dining	8.93	5.54	Yes
80	U26_00_5C_Kitchen / Dining	8.93	5.53	Yes
81	U27_00_5C_Kitchen / Dining	8.93	4.78	Yes
82	U28_00_5C_Kitchen / Dining	8.93	4.83	Yes
83	U29_00_5C_Kitchen / Dining	8.93	5.64	Yes
84	U31_00_5D_Kitchen / Dining	12.77	6.43	Yes
85	U32_00_5C_Kitchen / Dining	8.93	4.48	Yes
86	U33_00_5C_Kitchen / Dining	8.93	5.31	Yes
87	U34_00_5C_Kitchen / Dining	8.93	4.80	Yes
88	U35_00_5D_Kitchen / Dining	12.77	6.60	Yes
89	U300_0_5C_Kitchen / Dining	8.93	4.93	Yes

Character Area 4-5 Living Room ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	U1_00_4D_Living Room	10.83	8.38	Yes
2	U2_00_4C_Living Room	5.17	6.72	Yes
3	U3_00_4C_Living Room	5.17	6.70	Yes
4	U4_00_4A_Living Room	5.17	7.09	Yes
5	U5_00_4A_Living Room	5.17	6.86	Yes
6	U6_00_4A_Living Room	5.17	6.87	Yes
7	U7_00_4A_Living Room	5.17	6.89	Yes
8	U8_00_4A_Living Room	5.17	6.88	Yes
9	U9_0_4A_Living Room	5.17	6.96	Yes
10	U10_00_4B_Living Room	10.84	8.81	Yes
11	U11_00_4A_Living Room	5.17	5.96	Yes
12	U12_00_4A_Living Room	5.17	5.94	Yes
13	U13_00_4A_Living Room	5.17	6.03	Yes
14	U14_00_4A_Living Room	5.17	6.11	Yes
15	U15_00_4A_Living Room	5.17	5.96	Yes
16	U16_00_4A_Living Room	5.17	5.96	Yes
17	U17_00_4B_Living Room	10.84	8.33	Yes
18	U18_00_4E_Living Room	4.85	5.45	Yes
19	U19_00_4E_Living Room	5.04	5.24	Yes
20	U20_00_4E_Living Room	5.04	5.22	Yes
21	U21_00_4E_Living Room	5.04	5.16	Yes
22	U22_00_4E_Living Room	4.85	5.46	Yes
23	U23_00_4A_Living Room	5.17	5.99	Yes
24	U24_00_4A_Living Room	5.17	5.81	Yes
25	U25_00_4A_Living Room	5.17	5.82	Yes
26	U26_00_4A_Living Room	5.17	5.71	Yes
27	U27_01_4A_Living Room	5.17	5.72	Yes
28	U28_00_4B_Living Room	10.84	8.85	Yes
29	U29_00_4E_Living Room	4.85	5.73	Yes
30	U30_00_4E_Living Room	5.04	5.47	Yes
31	U31_00_4E_Living Room	5.04	5.48	Yes
32	U32_00_4E_Living Room	5.04	5.21	Yes
33	U33_00_4E_Living Room	4.85	4.73	Yes
34	U34_00_4A_Living Room	5.17	6.09	Yes
35	U35_00_4A_Living Room	5.17	6.40	Yes
36	U36_00_4A_Living Room	5.17	6.52	Yes
37	U37_00_4B_Living Room	10.84	8.58	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
38	U38_00_4C_Living Room	5.17	6.46	Yes
39	U39_00_4C_Living Room	5.17	6.12	Yes
40	U40_00_4C_Living Room	5.17	6.31	Yes
41	U41_00_4D_Living Room	10.83	8.13	Yes
42	U42_00_4B_Living Room	10.84	8.60	Yes
43	U43_00_4A_Living Room	5.17	5.93	Yes
44	U44_00_4A_Living Room	5.17	5.95	Yes
45	U45_00_4A_Living Room	5.17	6.01	Yes
46	U46_00_4A_Living Room	5.17	6.10	Yes
47	U47_00_4A_Living Room	5.17	5.94	Yes
48	U48_00_4A_Living Room	5.17	5.99	Yes
49	U49_00_4B_Living Room	10.84	8.79	Yes
50	U50_00_4B_Living Room	10.84	8.00	Yes
51	U51_0_4A_Living Room	5.17	5.63	Yes
52	U52_00_4A_Living Room	5.17	5.67	Yes
53	U53_00_4A_Living Room	5.17	5.67	Yes
54	U54_00_4B_Living Room	10.84	8.93	Yes
55	U1_00_5E_Living Room	7.58	5.77	Yes
56	U2_00_5E_Living Room	5.04	5.54	Yes
57	U3_00_5E_Living Room	7.58	5.67	Yes
58	U4_00_5E_Living Room	7.58	5.22	Yes
59	U5_00_5E_Living Room	5.04	4.73	Yes
60	U6_00_5E_Living Room	4.85	4.67	Yes
61	U7_00_5D_Living Room	10.83	8.13	Yes
62	U8_00_5C_Living Room	5.17	6.05	Yes
63	U9_00_5C_Living Room	5.17	6.08	Yes
64	U10_00_5C_Living Room	5.17	5.78	Yes
65	U11_00_5D_Living Room	10.83	8.17	Yes
66	U12_00_5E_Living Room	7.58	5.25	Yes
67	U13_00_5E_Living Room	5.04	4.78	Yes
68	U14_00_5E_Living Room	5.04	4.81	Yes
69	U15_00_5E_Living Room	5.04	5.16	Yes
70	U16_00_5E_Living Room	5.04	5.18	Yes
71	U17_00_5E_Living Room	4.85	5.45	Yes
72	U18_00_5D_Living Room	10.83	8.21	Yes
73	U19_00_5C_Living Room	5.17	6.21	Yes
74	U20_00_5C_Living Room	5.17	6.02	Yes
75	U21_00_5C_Living Room	5.17	5.97	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
76	U22_00_5C_Living Room	5.17	5.95	Yes
77	U23_00_5C_Living Room	5.17	5.95	Yes
78	U24_00_5C_Living Room	5.17	5.98	Yes
79	U25_00_5C_Living Room	5.17	5.93	Yes
80	U26_00_5C_Living Room	5.17	5.95	Yes
81	U27_00_5C_Living Room	5.17	5.93	Yes
82	U28_00_5C_Living Room	5.17	5.96	Yes
83	U29_00_5C_Living Room	5.17	5.95	Yes
84	U31_00_5D_Living Room	10.83	8.52	Yes
85	U32_00_5C_Living Room	5.17	6.20	Yes
86	U33_00_5C_Living Room	5.17	6.14	Yes
87	U34_00_5C_Living Room	5.17	6.20	Yes
88	U35_00_5D_Living Room	10.83	8.35	Yes
89	U300_0_5C_Living Room	5.17	5.97	Yes

Character Area 4-5 Bedroom ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	U1_01_4D_Bedroom 2	1.86	2.42	Yes
2	U1_01_4D_Bedroom 3	6.96	11.66	Yes
3	U1_01_4D_Bedroom 4	1.72	2.69	Yes
4	U1_01_4D_Master Bedroom	1.86	2.81	Yes
5	U2_01_4C_Master Bedroom	1.86	2.98	Yes
6	U2_01_4C_Bedroom 3	1.72	2.86	Yes
7	U2_01_4C_Bedroom 3	3.44	5.42	Yes
8	U2_01_4C_Bedroom 2	1.86	2.74	Yes
9	U3_01_4C_Bedroom 3	1.72	2.98	Yes
10	U3_01_4C_Bedroom 3	3.44	5.49	Yes
11	U3_01_4C_Bedroom 2	1.86	3.03	Yes
12	U3_01_4C_Master Bedroom	1.86	2.94	Yes
13	U4_01_4A_Bedroom 2	1.86	2.39	Yes
14	U4_01_4A_Bedroom 4	1.86	3.10	Yes
15	U4_02_4A_Bedroom 3	2.15	8.16	Yes
16	U4_02_4A_Bedroom 5	2.15	9.11	Yes
17	U4_02_4A_Master Bedroom	3.44	3.94	Yes
18	U5_01_4A_Bedroom 2	1.86	2.38	Yes
19	U5_01_4A_Bedroom 4	1.86	2.96	Yes
20	U5_02_4A_Bedroom 3	2.15	8.14	Yes
21	U5_02_4A_Bedroom 5	2.15	9.11	Yes
22	U5_02_4A_Master Bedroom	3.44	3.52	Yes
23	U6_01_4A_Bedroom 2	1.86	2.36	Yes
24	U6_01_4A_Bedroom 4	1.86	2.34	Yes
25	U6_02_4A_Bedroom 3	2.15	8.17	Yes
26	U6_02_4A_Bedroom 5	2.15	9.17	Yes
27	U6_02_4A_Master Bedroom	3.44	3.33	Yes
28	U7_01_4A_Bedroom 2	1.86	2.37	Yes
29	U7_01_4A_Bedroom 4	1.86	2.99	Yes
30	U7_02_4A_Bedroom 3	2.15	8.15	Yes
31	U7_02_4A_Bedroom 5	2.15	9.14	Yes
32	U7_02_4A_Master Bedroom	3.44	3.54	Yes
33	U8_01_4A_Bedroom 2	1.86	2.36	Yes
34	U8_01_4A_Bedroom 4	1.86	2.21	Yes
35	U8_02_4A_Bedroom 3	2.15	8.13	Yes
36	U8_02_4A_Bedroom 5	2.15	9.13	Yes
37	U8_02_4A_Master Bedroom	3.44	3.33	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
38	U9_01_4A_Bedroom 2	1.86	2.42	Yes
39	U9_01_4A_Bedroom 4	1.86	3.10	Yes
40	U9_02_4A_Bedroom 3	2.15	8.16	Yes
41	U9_02_4A_Bedroom 5	2.15	9.14	Yes
42	U9_02_4A_Master Bedroom	3.44	3.78	Yes
43	01_4A_Bedroom 4	1.86	2.44	Yes
44	U10_01_4B_Bedroom 2	1.86	2.14	Yes
45	U10_01_4B_Bedroom 4	1.86	2.28	Yes
46	U10_02_4B_Bedroom 3	2.15	5.89	Yes
47	U10_02_4B_Bedroom 5	2.15	9.92	Yes
48	U10_02_4B_Master Bedroom	3.44	2.76	Yes
49	U11_01_4A_Bedroom 2	1.86	2.28	Yes
50	U11_01_4A_Bedroom 4	1.86	2.63	Yes
51	U11_02_4A_Bedroom 3	2.15	7.10	Yes
52	U11_02_4A_Bedroom 5	2.15	9.38	Yes
53	U11_02_4A_Master Bedroom	3.44	2.97	Yes
54	U12_01_4A_Bedroom 2	1.86	2.32	Yes
55	U12_01_4A_Bedroom 4	1.86	2.51	Yes
56	U12_02_4A_Bedroom 3	2.15	7.05	Yes
57	U12_02_4A_Bedroom 5	2.15	9.37	Yes
58	U12_02_4A_Master Bedroom	3.44	2.91	Yes
59	U13_01_4A_Bedroom 2	1.86	2.36	Yes
60	U13_01_4A_Bedroom 4	1.86	2.77	Yes
61	U13_02_4A_Bedroom 3	2.15	7.09	Yes
62	U13_02_4A_Bedroom 5	2.15	9.35	Yes
63	U13_02_4A_Master Bedroom	3.44	3.20	Yes
64	U14_01_4A_Bedroom 2	1.86	2.36	Yes
65	U14_01_4A_Bedroom 4	1.86	2.78	Yes
66	U14_02_4A_Bedroom 3	2.15	7.11	Yes
67	U14_02_4A_Bedroom 5	2.15	9.40	Yes
68	U14_02_4A_Master Bedroom	3.44	3.34	Yes
69	U15_01_4A_Bedroom 2	1.86	2.32	Yes
70	U15_01_4A_Bedroom 4	1.86	2.65	Yes
71	U15_02_4A_Bedroom 3	2.15	7.07	Yes
72	U15_02_4A_Bedroom 5	2.15	9.36	Yes
73	U15_02_4A_Master Bedroom	3.44	2.98	Yes
74	U16_01_4A_Bedroom 2	1.86	2.26	Yes
75	U16_01_4A_Bedroom 4	1.86	2.43	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
76	U16_02_4A_Bedroom 3	2.15	7.04	Yes
77	U16_02_4A_Bedroom 5	2.15	9.39	Yes
78	U16_02_4A_Master Bedroom	3.44	2.91	Yes
79	U17_01_4B_Bedroom 2	1.86	2.26	Yes
80	U17_01_4B_Bedroom 4	1.86	2.29	Yes
81	U17_02_4B_Bedroom 3	2.15	5.68	Yes
82	U17_02_4B_Bedroom 5	2.15	9.95	Yes
83	U17_02_4B_Master Bedroom	3.44	2.77	Yes
84	U18_01_4E_Bedroom 1	2.19	3.84	Yes
85	U18_01_4E_Bedroom 2	2.19	3.15	Yes
86	U18_01_4E_Bedroom 3	1.09	2.84	Yes
87	U19_01_4E_Bedroom 1	2.19	2.78	Yes
88	U19_01_4E_Bedroom 2	2.19	3.62	Yes
89	U19_01_4E_Bedroom 3	1.09	2.81	Yes
90	U20_01_4E_Bedroom 1	2.19	2.92	Yes
91	U20_01_4E_Bedroom 2	2.19	3.61	Yes
92	U20_01_4E_Bedroom 3	1.09	2.79	Yes
93	U21_01_4E_Bedroom 1	2.19	2.73	Yes
94	U21_01_4E_Bedroom 2	2.19	3.60	Yes
95	U21_01_4E_Bedroom 3	1.09	2.80	Yes
96	U22_01_4E_Bedroom 1	2.19	3.09	Yes
97	U22_01_4E_Bedroom 2	2.19	3.84	Yes
98	U22_01_4E_Bedroom 3	1.09	2.84	Yes
99	U23_01_4A_Bedroom 2	1.86	2.85	Yes
100	U23_01_4A_Bedroom 4	1.86	3.10	Yes
101	U23_02_4A_Bedroom 3	2.15	7.99	Yes
102	U23_02_4A_Bedroom 5	2.15	8.57	Yes
103	U23_02_4A_Master Bedroom	3.44	3.10	Yes
104	U24_01_4A_Bedroom 2	1.86	2.74	Yes
105	U24_01_4A_Bedroom 4	1.86	2.99	Yes
106	U24_02_4A_Bedroom 3	2.15	5.51	Yes
107	U24_02_4A_Bedroom 5	2.15	7.95	Yes
108	U24_02_4A_Master Bedroom	3.44	3.09	Yes
109	U25_01_4A_Bedroom 2	1.86	2.71	Yes
110	U25_02_4A_Bedroom 3	2.15	7.05	Yes
111	U25_02_4A_Bedroom 5	2.15	8.56	Yes
112	U25_02_4A_Master Bedroom	3.44	2.75	Yes
113	U26_01_4A_Bedroom 2	1.86	2.72	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
114	U26_01_4A_Bedroom 4	1.86	2.99	Yes
115	U26_02_4A_Bedroom 3	2.15	6.12	Yes
116	U26_02_4A_Bedroom 5	2.15	6.79	Yes
117	U26_02_4A_Master Bedroom	3.44	3.01	Yes
118	U27_011_4A_Bedroom 2	1.86	2.69	Yes
119	U27_011_4A_Bedroom 4	1.86	2.59	Yes
120	U27_012_4A_Bedroom 3	2.15	7.01	Yes
121	U27_012_4A_Bedroom 5	2.15	7.47	Yes
122	U27_012_4A_Master Bedroom	3.44	2.83	Yes
123	U28_01_4B_Bedroom 2	1.86	2.75	Yes
124	U28_01_4B_Bedroom 4	1.86	2.33	Yes
125	U28_02_4B_Bedroom 3	2.15	6.41	Yes
126	U28_02_4B_Bedroom 5	2.15	7.28	Yes
127	U28_02_4B_Master Bedroom	3.44	2.60	Yes
128	U29_01_4E_Bedroom 1	2.19	3.89	Yes
129	U29_01_4E_Bedroom 2	2.19	3.56	Yes
130	U29_01_4E_Bedroom 3	1.09	2.46	Yes
131	U30_01_4E_Bedroom 1	2.19	3.49	Yes
132	U30_01_4E_Bedroom 2	2.19	3.32	Yes
133	U30_01_4E_Bedroom 3	1.09	2.39	Yes
134	U31_01_4E_Bedroom 1	2.19	3.61	Yes
135	U31_01_4E_Bedroom 2	2.19	3.47	Yes
136	U31_01_4E_Bedroom 3	1.09	2.38	Yes
137	U32_01_4E_Bedroom 1	2.19	3.35	Yes
138	U32_01_4E_Bedroom 2	2.19	3.35	Yes
139	U32_01_4E_Bedroom 3	1.09	2.37	Yes
140	U33_01_4E_Bedroom 1	2.19	3.62	Yes
141	U33_01_4E_Bedroom 2	2.19	3.58	Yes
142	U33_01_4E_Bedroom 3	1.09	2.30	Yes
143	U34_01_4A_Bedroom 2	1.86	2.39	Yes
144	U34_01_4A_Bedroom 4	1.86	3.00	Yes
145	U34_02_4A_Bedroom 3	2.15	8.13	Yes
146	U34_02_4A_Bedroom 5	2.15	9.10	Yes
147	U34_02_4A_Master Bedroom	3.44	3.68	Yes
148	U35_01_4A_Bedroom 2	1.86	2.37	Yes
149	U35_01_4A_Bedroom 4	1.86	2.77	Yes
150	U35_02_4A_Bedroom 3	2.15	8.16	Yes
151	U35_02_4A_Bedroom 5	2.15	9.12	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
152	U35_02_4A_Master Bedroom	3.44	3.23	Yes
153	U36_01_4A_Bedroom 2	1.86	2.37	Yes
154	U36_01_4A_Bedroom 4	1.86	2.96	Yes
155	U36_02_4A_Bedroom 3	2.15	8.17	Yes
156	U36_02_4A_Bedroom 5	2.15	9.14	Yes
157	U36_02_4A_Master Bedroom	3.44	3.43	Yes
158	U37_01_4B_Bedroom 2	1.86	2.29	Yes
159	U37_01_4B_Bedroom 4	1.86	2.58	Yes
160	U37_02_4B_Bedroom 3	2.15	6.57	Yes
161	U37_02_4B_Bedroom 5	2.15	9.94	Yes
162	U37_02_4B_Master Bedroom	3.44	3.26	Yes
163	U38_01_4C_Bedroom 3	1.72	2.76	Yes
164	U38_01_4C_Bedroom 3	3.44	5.17	Yes
165	U38_01_4C_Bedroom 2	1.86	2.88	Yes
166	U38_01_4C_Master Bedroom	1.86	3.04	Yes
167	U39_01_4C_Bedroom 2	1.86	3.50	Yes
168	U39_01_4C_Bedroom 3	1.72	2.89	Yes
169	U39_01_4C_Bedroom 3	3.44	5.61	Yes
170	U39_01_4C_Master Bedroom	1.86	3.01	Yes
171	U40_01_4C_Bedroom 2	1.86	3.34	Yes
172	U40_01_4C_Bedroom 3	1.72	2.71	Yes
173	U40_01_4C_Bedroom 3	3.44	5.21	Yes
174	U40_01_4C_Master Bedroom	1.86	3.05	Yes
175	U41_01_4D_Bedroom 2	1.86	2.65	Yes
176	U41_01_4D_Bedroom 3	6.96	11.36	Yes
177	U41_01_4D_Bedroom 4	1.72	2.55	Yes
178	U41_01_4D_Master Bedroom	1.86	2.97	Yes
179	U42_01_4B_Bedroom 2	1.86	2.26	Yes
180	U42_01_4B_Bedroom 4	1.86	2.41	Yes
181	U42_02_4B_Bedroom 3	2.15	5.91	Yes
182	U42_02_4B_Bedroom 5	2.15	9.97	Yes
183	U42_02_4B_Master Bedroom	3.44	2.71	Yes
184	U43_01_4A_Bedroom 2	1.86	2.34	Yes
185	U43_01_4A_Bedroom 4	1.86	2.68	Yes
186	U43_02_4A_Bedroom 3	2.15	7.06	Yes
187	U43_02_4A_Bedroom 5	2.15	9.41	Yes
188	U43_02_4A_Master Bedroom	3.44	2.96	Yes
189	U44_01_4A_Bedroom 2	1.86	2.36	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
190	U44_01_4A_Bedroom 4	1.86	2.52	Yes
191	U44_02_4A_Bedroom 3	2.15	7.10	Yes
192	U44_02_4A_Bedroom 5	2.15	9.40	Yes
193	U44_02_4A_Master Bedroom	3.44	2.90	Yes
194	U45_01_4A_Bedroom 2	1.86	2.38	Yes
195	U45_01_4A_Bedroom 4	1.86	2.71	Yes
196	U45_02_4A_Bedroom 3	2.15	7.12	Yes
197	U45_02_4A_Bedroom 5	2.15	9.38	Yes
198	U45_02_4A_Master Bedroom	3.44	3.17	Yes
199	U46_01_4A_Bedroom 2	1.86	2.42	Yes
200	U46_01_4A_Bedroom 4	1.86	2.85	Yes
201	U46_02_4A_Bedroom 3	2.15	7.13	Yes
202	U46_02_4A_Bedroom 5	2.15	9.39	Yes
203	U46_02_4A_Master Bedroom	3.44	3.30	Yes
204	U47_01_4A_Bedroom 2	1.86	2.78	Yes
205	U47_01_4A_Bedroom 4	1.86	2.42	Yes
206	U47_02_4A_Bedroom 3	2.15	7.04	Yes
207	U47_02_4A_Bedroom 5	2.15	9.40	Yes
208	U47_02_4A_Master Bedroom	3.44	3.01	Yes
209	U48_01_4A_Bedroom 2	1.86	2.44	Yes
210	U48_01_4A_Bedroom 4	1.86	2.60	Yes
211	U48_02_4A_Bedroom 3	2.15	7.12	Yes
212	U48_02_4A_Bedroom 5	2.15	9.41	Yes
213	U48_02_4A_Master Bedroom	3.44	2.89	Yes
214	U49_01_4B_Bedroom 2	1.86	2.40	Yes
215	U49_01_4B_Bedroom 4	1.86	2.43	Yes
216	U49_02_4B_Bedroom 3	2.15	5.71	Yes
217	U49_02_4B_Bedroom 5	2.15	9.99	Yes
218	U49_02_4B_Master Bedroom	3.44	2.77	Yes
219	U50_01_4B_Bedroom 2	1.86	2.84	Yes
220	U50_01_4B_Bedroom 4	1.86	2.52	Yes
221	U50_02_4B_Bedroom 3	2.15	5.56	Yes
222	U50_02_4B_Bedroom 5	2.15	7.32	Yes
223	U50_02_4B_Master Bedroom	3.44	2.84	Yes
224	U51_01_4A_Bedroom 2	1.86	2.78	Yes
225	U51_01_4A_Bedroom 4	1.86	2.92	Yes
226	U51_02_4A_Bedroom 3	2.15	5.57	Yes
227	U51_02_4A_Bedroom 5	2.15	8.18	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
228	U51_02_4A_Master Bedroom	3.44	3.13	Yes
229	U52_01_4A_Bedroom 2	1.86	5.77	Yes
230	U52_01_4A_Bedroom 4	1.86	2.92	Yes
231	U52_02_4A_Bedroom 3	2.15	5.74	Yes
232	U52_02_4A_Bedroom 5	2.15	5.74	Yes
233	U52_02_4A_Master Bedroom	3.44	3.07	Yes
234	U53_01_4A_Bedroom 2	1.86	2.65	Yes
235	U53_01_4A_Bedroom 4	1.86	3.05	Yes
236	U53_02_4A_Bedroom 3	2.15	5.77	Yes
237	U53_02_4A_Bedroom 5	2.15	7.00	Yes
238	U53_02_4A_Master Bedroom	3.44	2.85	Yes
239	U54_01_4B_Bedroom 2	1.86	2.66	Yes
240	U54_01_4B_Bedroom 4	1.86	2.73	Yes
241	U54_02_4B_Bedroom 3	2.15	5.41	Yes
242	U54_02_4B_Bedroom 5	2.15	7.37	Yes
243	U54_02_4B_Master Bedroom	3.44	2.73	Yes
244	U1_01_5E_Bedroom 1	2.19	3.24	Yes
245	U1_01_5E_Bedroom 2	2.19	3.96	Yes
246	U1_01_5E_Bedroom 3	1.09	2.92	Yes
247	U1_01_5E_Study	1.09	3.09	Yes
248	U2_01_5E_Bedroom 1	2.19	2.84	Yes
249	U2_01_5E_Bedroom 2	2.19	3.69	Yes
250	U2_01_5E_Bedroom 3	1.09	2.88	Yes
251	U2_01_5E_Study	1.09	3.08	Yes
252	U3_01_5E_Bedroom 1	2.19	3.22	Yes
253	U3_01_5E_Bedroom 2	2.19	3.91	Yes
254	U3_01_5E_Bedroom 3	1.09	3.36	Yes
255	U3_01_5E_Study	1.09	2.85	Yes
256	U4_01_5E_Bedroom 1	2.19	3.66	Yes
257	U4_01_5E_Bedroom 2	2.19	3.72	Yes
258	U4_01_5E_Bedroom 3	1.09	2.22	Yes
259	U4_01_5E_Study	1.09	2.86	Yes
260	U5_01_5E_Bedroom 1	2.19	3.11	Yes
261	U5_01_5E_Bedroom 2	2.19	3.47	Yes
262	U5_01_5E_Bedroom 3	1.09	2.14	Yes
263	U5_01_5E_Study	1.09	2.80	Yes
264	U6_01_5E_Bedroom 1	2.19	2.56	Yes
265	U6_01_5E_Bedroom 2	2.19	3.66	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
266	U6_01_5E_Bedroom 3	1.09	2.17	Yes
267	U6_01_5E_Study	1.09	2.68	Yes
268	U7_01_5D_Bedroom 2	1.86	2.97	Yes
269	U7_01_5D_Bedroom 3	6.96	10.96	Yes
270	U7_01_5D_Bedroom 4	1.72	2.11	Yes
271	U7_01_5D_Master Bedroom	1.86	2.94	Yes
272	U8_01_5C_Bedroom 2	1.86	2.84	Yes
273	U8_01_5C_Bedroom 3	1.72	2.94	Yes
274	U8_01_5C_Bedroom 3	3.44	5.13	Yes
275	U8_01_5C_Master Bedroom	1.86	2.95	Yes
276	U9_01_5C_Bedroom 2	1.86	3.33	Yes
277	U9_01_5C_Bedroom 3	1.72	2.56	Yes
278	U9_01_5C_Bedroom 3	3.44	5.09	Yes
279	U9_01_5C_Master Bedroom	1.86	3.20	Yes
280	U10_01_5C_Bedroom 2	1.86	3.05	Yes
281	U10_01_5C_Bedroom 3	1.72	2.92	Yes
282	U10_01_5C_Bedroom 3	3.44	5.16	Yes
283	U10_01_5C_Master Bedroom	1.86	3.08	Yes
284	U11_01_5D_Bedroom 2	1.86	2.86	Yes
285	U11_01_5D_Bedroom 3	6.96	10.59	Yes
286	U11_01_5D_Bedroom 4	1.72	2.39	Yes
287	U11_01_5D_Master Bedroom	1.86	3.02	Yes
288	U12_01_5E_Bedroom 1	2.19	3.04	Yes
289	U12_01_5E_Bedroom 2	2.19	3.97	Yes
290	U12_01_5E_Bedroom 3	1.09	2.71	Yes
291	U12_01_5E_Study	1.09	3.10	Yes
292	U13_01_5E_Bedroom 1	2.19	2.80	Yes
293	U13_01_5E_Bedroom 2	2.19	3.74	Yes
294	U13_01_5E_Bedroom 3	1.09	2.71	Yes
295	U13_01_5E_Study	1.09	2.90	Yes
296	U14_01_5E_Bedroom 1	2.19	2.67	Yes
297	U14_01_5E_Bedroom 2	2.19	3.69	Yes
298	U14_01_5E_Bedroom 3	1.09	2.73	Yes
299	U14_01_5E_Study	1.09	3.05	Yes
300	U15_01_5E_Bedroom 1	2.19	2.87	Yes
301	U15_01_5E_Bedroom 2	2.19	3.70	Yes
302	U15_01_5E_Bedroom 3	1.09	2.79	Yes
303	U15_01_5E_Study	1.09	2.86	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
304	U16_01_5E_Bedroom 1	2.19	2.76	Yes
305	U16_01_5E_Bedroom 2	2.19	3.69	Yes
306	U16_01_5E_Bedroom 3	1.09	2.83	Yes
307	U16_01_5E_Study	1.09	3.08	Yes
308	U17_01_5E_Bedroom 1	2.19	3.15	Yes
309	U17_01_5E_Bedroom 2	2.19	3.91	Yes
310	U17_01_5E_Bedroom 3	1.09	2.81	Yes
311	U17_01_5E_Study	1.09	2.90	Yes
312	U18_01_5D_Bedroom 2	1.86	2.67	Yes
313	U18_01_5D_Bedroom 3	6.96	10.54	Yes
314	U18_01_5D_Bedroom 4	1.72	2.41	Yes
315	U18_01_5D_Master Bedroom	1.86	2.83	Yes
316	U19_01_5C_Bedroom 2	1.86	2.87	Yes
317	U19_01_5C_Bedroom 3	1.72	5.20	Yes
318	U19_01_5C_Bedroom 3	3.44	2.94	Yes
319	U19_01_5C_Master Bedroom	1.86	2.91	Yes
320	U20_01_5C_Bedroom 3	3.44	4.66	Yes
321	U20_01_5C_Bedroom 3	1.72	2.55	Yes
322	U20_01_5C_Bedroom 2	1.86	3.18	Yes
323	U20_01_5C_Master Bedroom	1.86	3.45	Yes
324	U21_01_5C_Bedroom 3	3.44	4.77	Yes
325	U21_01_5C_Bedroom 3	1.72	2.76	Yes
326	U21_01_5C_Bedroom 2	1.86	3.05	Yes
327	U21_01_5C_Master Bedroom	1.86	3.09	Yes
328	U22_01_5C_Bedroom 3	3.44	4.95	Yes
329	U22_01_5C_Bedroom 3	1.72	2.76	Yes
330	U22_01_5C_Bedroom 2	1.86	3.47	Yes
331	U22_01_5C_Master Bedroom	1.86	2.79	Yes
332	U23_01_5C_Bedroom 3	3.44	4.71	Yes
333	U23_01_5C_Bedroom 3	1.72	2.78	Yes
334	U23_01_5C_Bedroom 2	1.86	3.33	Yes
335	U23_01_5C_Master Bedroom	1.86	3.24	Yes
336	U24_01_5C_Bedroom 3	3.44	4.94	Yes
337	U24_01_5C_Bedroom 3	1.72	2.73	Yes
338	U24_01_5C_Bedroom 2	1.86	3.74	Yes
339	U24_01_5C_Master Bedroom	1.86	3.06	Yes
340	U25_01_5C_Bedroom 3	3.44	4.74	Yes
341	U25_01_5C_Bedroom 3	1.72	2.76	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
342	U25_01_5C_Beedroom 2	1.86	3.38	Yes
343	U25_01_5C_Master Bedroom	1.86	3.38	Yes
344	U26_01_5C_Bedroom 3	3.44	4.94	Yes
345	U26_01_5C_Bedroom 3	1.72	2.72	Yes
346	U26_01_5C_Beedroom 2	1.86	3.71	Yes
347	U26_01_5C_Master Bedroom	1.86	3.04	Yes
348	U27_01_5C_Bedroom 3	3.44	4.72	Yes
349	U27_01_5C_Bedroom 3	1.72	2.76	Yes
350	U27_01_5C_Beedroom 2	1.86	3.12	Yes
351	U27_01_5C_Master Bedroom	1.86	3.16	Yes
352	U28_01_5C_Bedroom 3	1.72	2.76	Yes
353	U28_01_5C_Bedroom 3	3.44	4.93	Yes
354	U28_01_5C_Beedroom 2	1.86	3.52	Yes
355	U28_01_5C_Master Bedroom	1.86	2.88	Yes
356	U29_01_5C_Bedroom 3	1.72	2.76	Yes
357	U29_01_5C_Bedroom 3	3.44	4.73	Yes
358	U29_01_5C_Beedroom 2	1.86	3.36	Yes
359	U29_01_5C_Master Bedroom	1.86	3.37	Yes
360	U30_01_5C_Bedroom 3	1.72	3.72	Yes
361	U30_01_5C_Bedroom 3	3.44	4.94	Yes
362	U30_01_5C_Beedroom 2	1.86	3.57	Yes
363	U30_01_5C_Master Bedroom	1.86	2.95	Yes
364	U31_01_5D_Bedroom 2	1.86	2.93	Yes
365	U31_01_5D_Bedroom 3	6.96	11.40	Yes
366	U31_01_5D_Bedroom 4	1.72	2.05	Yes
367	U31_01_5D_Master Bedroom	1.86	2.87	Yes
368	U32_01_5C_Bedroom 2	1.86	3.30	Yes
369	U32_01_5C_Bedroom 3	1.72	2.71	Yes
370	U32_01_5C_Bedroom 3	3.44	4.82	Yes
371	U32_01_5C_Master Bedroom	1.86	2.81	Yes
372	U33_01_5C_Bedroom 2	1.86	3.10	Yes
373	U33_01_5C_Bedroom 3	3.44	4.67	Yes
374	U33_01_5C_Bedroom 3	1.72	2.66	Yes
375	U33_01_5C_Master Bedroom	1.86	3.12	Yes
376	U34_01_5C_Bedroom 2	1.86	3.29	Yes
377	U34_01_5C_Bedroom 3	3.44	4.80	Yes
378	U34_01_5C_Bedroom 3	1.72	2.68	Yes
379	U34_01_5C_Master Bedroom	1.86	2.89	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
380	U35_01_5D_Bedroom 2	1.86	2.66	Yes
381	U35_01_5D_Bedroom 3	6.96	10.66	Yes
382	U35_01_5D_Bedroom 4	1.72	2.30	Yes
383	U35_01_5D_Master Bedroom	1.86	2.98	Yes

Character Area 2 Kitchen ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	L00: 2E-07_Kitchen	8.76	4.04	Yes
2	L00: 2E-08_Kitchen	8.76	4.05	Yes
3	L00: 2D-13_Family Dining	12.14	5.08	Yes
4	L00: 2C-16_Family Dining	8.88	4.01	Yes
5	L00: 2C-18_Family Dining	8.88	3.98	Yes
6	L00: 2A-26_Kitchen	8.88	3.94	Yes
7	L00: 2D1-29_Kitchen	14.03	5.34	Yes
8	L00: 2E-33_Kitchen	8.76	4.52	Yes
9	L00: 2E-35_Kitchen	8.76	4.55	Yes
10	L00: 2E-40_Kitchen	8.76	4.51	Yes
11	L00: 2C-43_Family Dining	8.88	4.07	Yes
12	L00: 2A-49_Kitchen	8.88	3.94	Yes
13	L00: 2C-51_Family Dining	8.88	3.82	Yes
14	L00: 2A-57_Kitchen	8.88	3.89	Yes
15	L00: 2A-60_Kitchen	8.88	4.04	Yes
16	L00: 2D1-63_Kitchen	14.03	5.34	Yes
17	L00: 2C-66_Family Dining	8.88	3.95	Yes
18	L00: 2E-70_Kitchen	8.76	4.49	Yes
19	L00: 2E-72_Kitchen	8.76	4.47	Yes
20	L00: 2D1-75_Kitchen	14.03	5.66	Yes
21	L00: 2C-78_Family Dining	8.88	4.00	Yes
22	L00: 2B-79_Kitchen	12.60	4.16	Yes
23	L00: 2A-80_Kitchen	8.88	3.87	Yes
24	L00: 2C-84_Family Dining	8.88	3.78	Yes
25	L00: 2A-88_Kitchen	8.88	3.81	Yes
26	L00: 2A-92_Kitchen	8.88	3.77	Yes
27	L00: 2D1-94_Kitchen	14.03	5.60	Yes
28	L00: 2C-97_Family Dining	8.88	4.20	Yes
29	L00: 2C-99_Family Dining	8.88	4.06	Yes
30	L00: 2B-100_Kitchen	12.60	5.11	Yes
31	L00: 2A-104_Kitchen	8.88	4.03	Yes
32	L00: 2A-110_Kitchen	8.88	4.40	Yes
33	L00: 2B-118_Kitchen	12.60	5.15	Yes
34	L00: 2C-122_Family Dining	8.88	3.91	Yes
35	L00: 2A-124_Kitchen	8.88	3.59	Yes
36	L00: 2A-127_Kitchen	8.88	3.74	Yes
37	L00: 2A-133_Kitchen	8.88	3.67	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
38	L00: 2C-137_Family Dining	8.88	3.72	Yes
39	L00: 2C-138_Family Dining	8.88	3.64	Yes
40	L00: 2E-143_Kitchen	8.76	4.47	Yes
41	L00: 2E-146_Kitchen	8.76	4.38	Yes
42	L00: 2D1-147_Kitchen	14.03	5.43	Yes
43	L00: 2C-151_Family Dining	8.88	4.03	Yes

Character Area 2 Living Room ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	L00: 2E-07_Living	4.62	3.97	Yes
2	L00: 2E-08_Living	4.62	3.95	Yes
3	L00: 2D-13_Living	10.29	6.31	Yes
4	L00: 2C-16_Living	5.15	4.33	Yes
5	L00: 2C-18_Living	5.15	4.41	Yes
6	L00: 2A-26_Living	5.15	4.77	Yes
7	L00: 2D1-29_Living	8.40	4.59	Yes
8	L00: 2E-33_Living	4.62	4.19	Yes
9	L00: 2E-35_Living	4.62	4.05	Yes
10	L00: 2E-40_Living	4.62	4.20	Yes
11	L00: 2C-43_Living	5.15	4.38	Yes
12	L00: 2A-49_Living	5.15	4.57	Yes
13	L00: 2C-51_Living	5.15	4.58	Yes
14	L00: 2A-57_Living	5.15	4.47	Yes
15	L00: 2A-60_Living	5.15	4.71	Yes
16	L00: 2D1-63_Living	8.40	4.55	Yes
17	L00: 2C-66_Living	5.15	4.12	Yes
18	L00: 2E-70_Living	4.62	4.19	Yes
19	L00: 2E-72_Living	4.62	4.00	Yes
20	L00: 2D1-75_Living	8.40	4.74	Yes
21	L00: 2C-78_Living	5.15	4.58	Yes
22	L00: 2B-79_Living	10.29	6.53	Yes
23	L00: 2A-80_Living	5.15	4.59	Yes
24	L00: 2C-84_Living	5.15	4.47	Yes
25	L00: 2A-88_Living	5.15	4.32	Yes
26	L00: 2A-92_Living	5.15	4.57	Yes
27	L00: 2D1-94_Living	8.40	4.55	Yes
28	L00: 2C-97_Living	5.15	4.25	Yes
29	L00: 2C-99_Living	5.15	4.11	Yes
30	L00: 2B-100_Living	10.29	6.08	Yes
31	L00: 2A-104_Living	5.15	4.43	Yes
32	L00: 2A-110_Living	5.15	4.67	Yes
33	L00: 2B-118_Living	10.29	6.52	Yes
34	L00: 2C-122_Living	5.15	4.31	Yes
35	L00: 2A-124_Living	5.15	4.78	Yes
36	L00: 2A-127_Living	5.15	4.35	Yes
37	L00: 2A-133_Living	5.15	4.31	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
38	L00: 2C-137_Living	5.15	4.29	Yes
39	L00: 2C-138_Living	5.15	4.33	Yes
40	L00: 2E-143_Living	4.62	3.66	Yes
41	L00: 2E-146_Living	4.62	3.87	Yes
42	L00: 2D1-147_Living	8.40	4.35	Yes
43	L00: 2C-151_Living	5.15	4.40	Yes

Character Area 2 Living Room ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	L01: 2E-07_Bedroom 01	2.17	2.73	Yes
2	L01: 2E-07_Bedroom 02	2.17	2.78	Yes
3	L01: 2E-07_Bedroom 03	1.26	2.24	Yes
4	L01: 2E-08_Bedroom 01	2.17	2.46	Yes
5	L01: 2E-08_Bedroom 02	2.17	2.29	Yes
6	L01: 2E-08_Bedroom 03	1.26	2.23	Yes
7	L01: 2D-13_Bedroom 01	1.81	1.75	Yes
8	L01: 2D-13_Bedroom 02	1.81	1.90	Yes
9	L01: 2D-13_Bedroom 03	6.51	7.11	Yes
10	L01: 2D-13_Bedroom 04	1.68	1.54	Yes
11	L01: 2C-16_Bedroom 01	1.81	1.84	Yes
12	L01: 2C-16_Bedroom 02	1.81	2.11	Yes
13	L01: 2C-16_Bedroom 03	3.26	3.51	Yes
14	L01: 2C-16_Bedroom 04	1.68	1.97	Yes
15	L01: 2A-26_Bedroom 02	1.81	1.87	Yes
16	L01: 2A-26_Bedroom 04	1.81	1.98	Yes
17	L02: 2A-26_Bedroom 01	3.10	2.09	Yes
18	L02: 2A-26_Bedroom 03	1.74	6.28	Yes
19	L02: 2A-26_Bedroom 05	1.74	5.05	Yes
20	L01: 2D1-29_Bedroom 01	1.81	1.97	Yes
21	L01: 2D1-29_Bedroom 02	5.07	4.58	Yes
22	L01: 2D1-29_Bedroom 03	4.73	4.64	Yes
23	L01: 2D1-29_Bedroom 04	1.58	1.10	Yes
24	L01: 2E-33_Bedroom 01	2.17	2.92	Yes
25	L01: 2E-33_Bedroom 02	2.17	3.13	Yes
26	L01: 2E-33_Bedroom 03	1.26	2.18	Yes
27	L01: 2E-35_Bedroom 01	2.17	2.64	Yes
28	L01: 2E-35_Bedroom 02	2.17	3.03	Yes
29	L01: 2E-35_Bedroom 03	1.26	2.18	Yes
30	L01: 2E-40_Bedroom 01	2.17	2.70	Yes
31	L01: 2E-40_Bedroom 02	2.17	3.08	Yes
32	L01: 2E-40_Bedroom 03	1.26	2.46	Yes
33	L01: 2C-43_Bedroom 01	1.81	1.82	Yes
34	L01: 2C-43_Bedroom 02	1.81	2.04	Yes
35	L01: 2C-43_Bedroom 03	3.26	3.50	Yes
36	L01: 2C-43_Bedroom 04	1.68	1.84	Yes
37	L02: 2A-49_Bedroom 01	3.10	2.20	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
38	L01: 2A-49_Bedroom 02	1.81	1.88	Yes
39	L02: 2A-49_Bedroom 03	1.74	6.34	Yes
40	L01: 2A-49_Bedroom 04	1.81	2.07	Yes
41	L02: 2B-93_Bedroom 05	1.74	4.81	Yes
42	L02: 2A-57_Bedroom 01	3.10	2.14	Yes
43	L01: 2A-57_Bedroom 02	1.81	1.89	Yes
44	L02: 2A-57_Bedroom 03	1.74	6.33	Yes
45	L01: 2A-57_Bedroom 04	1.81	1.99	Yes
46	L02: 2A-57_Bedroom 05	1.74	4.53	Yes
47	L02: 2A-60_Bedroom 01	3.10	2.12	Yes
48	L01: 2A-60_Bedroom 02	1.81	1.91	Yes
49	L02: 2A-60_Bedroom 03	1.74	6.32	Yes
50	L01: 2A-60_Bedroom 04	1.81	2.00	Yes
51	L02: 2A-60_Bedroom 05	1.74	4.47	Yes
52	L01: 2D1-63_Bedroom 01	1.81	1.98	Yes
53	L01: 2D1-63_Bedroom 02	5.07	4.55	Yes
54	L01: 2D1-63_Bedroom 03	4.73	4.63	Yes
55	L01: 2D1-63_Bedroom 04	1.58	1.08	Yes
56	L01: 2C-66_Bedroom 01	1.81	2.23	Yes
57	L01: 2C-66_Bedroom 02	1.81	2.34	Yes
58	L01: 2C-66_Bedroom 03	3.26	3.35	Yes
59	L01: 2C-66_Bedroom 04	1.68	1.87	Yes
60	L01: 2E-70_Bedroom 01	2.17	2.73	Yes
61	L01: 2E-70_Bedroom 02	2.17	3.10	Yes
62	L01: 2E-70_Bedroom 03	1.26	2.42	Yes
63	L01: 2E-72_Bedroom 01	2.17	2.74	Yes
64	L01: 2E-72_Bedroom 02	2.17	2.96	Yes
65	L01: 2E-72_Bedroom 03	1.26	2.42	Yes
66	L01: 2D1-75_Bedroom 01	1.81	1.68	Yes
67	L01: 2D1-75_Bedroom 02	5.07	4.52	Yes
68	L01: 2D1-75_Bedroom 03	4.73	4.43	Yes
69	L01: 2D1-75_Bedroom 04	1.58	1.14	Yes
70	L01: 2C-78_Bedroom 01	1.81	1.86	Yes
71	L01: 2C-78_Bedroom 02	1.81	2.14	Yes
72	L01: 2C-78_Bedroom 03	3.26	3.57	Yes
73	L01: 2C-78_Bedroom 04	1.68	2.00	Yes
74	L02: 2B-79_Bedroom 01	3.10	1.97	Yes
75	L01: 2B-79_Bedroom 02	1.81	1.75	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
76	L02: 2B-79_Bedroom 03	1.74	5.25	Yes
77	L01: 2B-79_Bedroom 04	1.81	1.62	Yes
78	L02: 2B-79_Bedroom 05	1.74	4.10	Yes
79	L02: 2A-80_Bedroom 01	3.10	2.09	Yes
80	L01: 2A-80_Bedroom 02	1.81	1.89	Yes
81	L02: 2A-80_Bedroom 03	1.74	6.32	Yes
82	L01: 2A-80_Bedroom 04	1.81	1.93	Yes
83	L02: 2A-80_Bedroom 05	1.74	4.46	Yes
84	L01: 2C-84_Bedroom 01	1.81	1.75	Yes
85	L01: 2C-84_Bedroom 02	1.81	2.04	Yes
86	L01: 2C-84_Bedroom 03	3.26	3.54	Yes
87	L01: 2C-84_Bedroom 04	1.68	1.99	Yes
88	L02: 2A-88_Bedroom 01	3.10	2.15	Yes
89	L01: 2A-88_Bedroom 02	1.81	1.84	Yes
90	L02: 2A-88_Bedroom 03	1.74	6.29	Yes
91	L01: 2A-88_Bedroom 04	1.81	1.96	Yes
92	L02: 2A-88_Bedroom 05	1.74	1.84	Yes
93	L02: 2A-92_Bedroom 01	3.10	2.20	Yes
94	L01: 2A-92_Bedroom 02	1.81	1.85	Yes
95	L02: 2A-92_Bedroom 03	1.74	6.32	Yes
96	L01: 2A-92_Bedroom 04	1.81	2.04	Yes
97	L02: 2A-92_Bedroom 05	1.74	4.77	Yes
98	L01: 2D1-94_Bedroom 01	1.81	2.11	Yes
99	L01: 2D1-94_Bedroom 02	5.07	4.70	Yes
100	L01: 2D1-94_Bedroom 03	4.73	4.71	Yes
101	L01: 2D1-94_Bedroom 04	1.58	1.11	Yes
102	L01: 2C-97_Bedroom 01	1.81	2.18	Yes
103	L01: 2C-97_Bedroom 02	1.81	2.42	Yes
104	L01: 2C-97_Bedroom 03	3.26	3.38	Yes
105	L01: 2C-97_Bedroom 04	1.68	1.89	Yes
106	L01: 2C-99_Bedroom 01	1.81	2.13	Yes
107	L01: 2C-99_Bedroom 02	1.81	2.40	Yes
108	L01: 2C-99_Bedroom 03	3.26	3.34	Yes
109	L01: 2C-99_Bedroom 04	1.68	1.85	Yes
110	L02: 2B-100_Bedroom 01	3.10	2.03	Yes
111	L01: 2B-100_Bedroom 02	1.81	1.98	Yes
112	L02: 2B-100_Bedroom 03	1.74	5.24	Yes
113	L01: 2B-100_Bedroom 04	1.81	1.64	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
114	L02: 2B-100_Bedroom 05	1.74	4.71	Yes
115	L02: 2A-104_Bedroom 01	3.10	2.06	Yes
116	L01: 2A-104_Bedroom 02	1.81	1.91	Yes
117	L02: 2A-104_Bedroom 03	1.74	6.29	Yes
118	L01: 2A-104_Bedroom 04	1.81	2.02	Yes
119	L02: 2A-104_Bedroom 05	1.74	5.07	Yes
120	L02: 2A-110_Bedroom 01	3.10	2.12	Yes
121	L01: 2A-110_Bedroom 02	1.81	1.93	Yes
122	L02: 2A-110_Bedroom 03	1.74	6.29	Yes
123	L01: 2A-110_Bedroom 04	1.81	2.02	Yes
124	L02: 2A-110_Bedroom 05	1.74	5.08	Yes
125	L02: 2B-118_Bedroom 01	3.10	1.98	Yes
126	L01: 2B-118_Bedroom 02	1.81	1.97	Yes
127	L02: 2B-118_Bedroom 03	1.74	5.24	Yes
128	L01: 2B-118_Bedroom 04	1.81	1.65	Yes
129	L02: 2B-118_Bedroom 05	1.74	4.71	Yes
130	L01: 2C-122_Bedroom 01	1.81	2.02	Yes
131	L01: 2C-122_Bedroom 02	1.81	2.17	Yes
132	L01: 2C-122_Bedroom 03	3.26	3.42	Yes
133	L01: 2C-122_Bedroom 04	1.68	1.83	Yes
134	L02: 2A-124_Bedroom 01	3.10	2.12	Yes
135	L01: 2A-124_Bedroom 02	1.81	1.78	Yes
136	L02: 2A-124_Bedroom 03	1.74	6.28	Yes
137	L01: 2A-124_Bedroom 04	1.81	1.89	Yes
138	L02: 2A-124_Bedroom 05	1.74	5.07	Yes
139	L02: 2A-127_Bedroom 01	3.10	1.86	Yes
140	L01: 2A-127_Bedroom 02	1.81	1.59	Yes
141	L02: 2A-127_Bedroom 03	1.74	5.88	Yes
142	L01: 2A-127_Bedroom 04	1.81	1.89	Yes
143	L02: 2A-127_Bedroom 05	1.74	4.60	Yes
144	L02: 2A-133_Bedroom 01	3.10	1.90	Yes
145	L01: 2A-133_Bedroom 02	1.81	1.54	Yes
146	L02: 2A-133_Bedroom 03	1.74	5.71	Yes
147	L01: 2A-133_Bedroom 04	1.81	1.63	Yes
148	L02: 2A-133_Bedroom 05	1.74	4.63	Yes
149	L01: 2C-137_Bedroom 01	1.81	1.87	Yes
150	L01: 2C-137_Bedroom 02	1.81	1.86	Yes
151	L01: 2C-137_Bedroom 03	3.26	3.17	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
152	L01: 2C-137_Bedroom 04	1.68	1.89	Yes
153	L01: 2C-138_Bedroom 01	1.81	1.81	Yes
154	L01: 2C-138_Bedroom 02	1.81	1.93	Yes
155	L01: 2C-138_Bedroom 03	3.26	3.22	Yes
156	L01: 2C-138_Bedroom 04	1.68	1.87	Yes
157	L01: 2E-143_Bedroom 01	2.17	2.53	Yes
158	L01: 2E-143_Bedroom 02	2.17	3.05	Yes
159	L01: 2E-143_Bedroom 03	1.26	2.80	Yes
160	L01: 2E-146_Bedroom 01	2.17	2.61	Yes
161	L01: 2E-146_Bedroom 02	2.17	3.11	Yes
162	L01: 2E-146_Bedroom 03	1.26	2.33	Yes
163	L01: 2D1-147_Bedroom 01	1.81	1.70	Yes
164	L01: 2D1-147_Bedroom 02	5.07	4.51	Yes
165	L01: 2D1-147_Bedroom 03	4.73	4.27	Yes
166	L01: 2D1-147_Bedroom 04	1.58	1.09	Yes
167	L01: 2C-151_Bedroom 01	1.81	1.79	Yes
168	L01: 2C-151_Bedroom 02	1.81	2.01	Yes
169	L01: 2C-151_Bedroom 03	3.26	3.48	Yes
170	L01: 2C-151_Bedroom 04	1.68	1.40	Yes

Apartment Block 4 Living ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	L00: B4-01_Living	17.55	3.92	Yes
2	L00: B4-02_Living	10.40	2.71	Yes
3	L00: B4-03_Living	12.20	2.56	Yes
4	L00: B4-04_Living	17.89	3.80	Yes
5	L00: B4-05_Living	10.29	2.71	Yes
6	L00: B4-06_Living	6.75	1.30	*Note 2
7	L00: B4-07_Living	10.29	2.49	Yes
8	L00: B4-08_Living	15.69	3.54	Yes
9	L01: B4-01_Living	17.55	4.06	Yes
10	L01: B4-02_Living	10.40	2.89	Yes
11	L01: B4-03_Living	12.20	2.73	Yes
12	L01: B4-04_Living	17.89	3.63	Yes
13	L01: B4-05_Living	10.29	3.05	Yes
14	L01: B4-06_Living	6.75	1.39	*Note 2
15	L01: B4-07_Living	10.29	2.80	Yes
16	L01: B4-08_Living	15.69	3.88	Yes
17	L02: B4-01_Living	17.55	4.19	Yes
18	L02: B4-02_Living	10.40	2.91	Yes
19	L02: B4-03_Living	12.20	2.79	Yes
20	L02: B4-04_Living	17.89	3.75	Yes
21	L02: B4-05_Living	10.29	3.19	Yes
22	L02: B4-06_Living	6.75	1.46	*Note 2
23	L02: B4-07_Living	10.29	2.96	Yes
24	L02: B4-08_Living	15.69	4.13	Yes
25	L03: B4-01_Living	17.55	5.78	Yes
26	L03: B4-02_Living	10.40	3.20	Yes
27	L03: B4-03_Living	12.20	3.05	Yes
28	L03: B4-04_Living	17.89	5.40	Yes
29	L03: B4-05_Living	10.29	3.56	Yes
30	L03: B4-06_Living	6.75	3.01	Yes
31	L03: B4-07_Living	10.29	3.32	Yes
32	L03: B4-08_Living	15.69	5.35	Yes

Apartment Block 4 Bedroom ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	L00: B4-01_Bedroom 01	3.60	1.79	Yes
2	L00: B4-01_Bedroom 02	3.60	2.68	Yes
3	L00: B4-01_Bedroom 03	3.60	2.42	Yes
5	L00: B4-02_Bedroom 01	3.60	1.58	Yes
6	L00: B4-02_Bedroom 02	3.60	1.40	Yes
8	L00: B4-03_Bedroom	3.49	1.18	Yes
10	L00: B4-04_Bedroom 01	3.49	2.25	Yes
11	L00: B4-04_Bedroom 02	5.51	2.73	Yes
13	L00: B4-05_Bedroom 01	3.60	1.55	Yes
14	L00: B4-05_Bedroom 02	3.60	1.41	Yes
16	L00: B4-06_Bedroom	3.60	1.43	Yes
18	L00: B4-07_Bedroom 01	3.60	1.38	Yes
19	L00: B4-07_Bedroom 02	3.60	1.23	Yes
21	L00: B4-08_Bedroom 01	3.57	2.37	Yes
22	L00: B4-08_Bedroom 02	3.60	2.18	Yes
24	L01: B4-01_Bedroom 01	3.60	2.06	Yes
25	L01: B4-01_Bedroom 02	3.60	2.87	Yes
26	L01: B4-01_Bedroom 03	3.60	2.59	Yes
28	L01: B4-02_Bedroom 01	3.60	1.47	Yes
29	L01: B4-02_Bedroom 02	3.60	1.30	Yes
31	L01: B4-03_Bedroom 01	3.49	1.38	Yes
32	L01: B4-03_Bedroom 02	3.49	1.19	Yes
34	L01: B4-04_Bedroom 01	3.49	2.51	Yes
35	L01: B4-04_Bedroom 02	5.51	2.80	Yes
37	L01: B4-05_Bedroom 01	3.60	1.54	Yes
38	L01: B4-05_Bedroom 02	3.60	1.42	Yes
40	L01: B4-06_Bedroom	3.60	1.43	Yes
42	L01: B4-07_Bedroom 01	3.60	1.37	Yes
43	L01: B4-07_Bedroom 02	3.60	1.22	Yes
45	L01: B4-08_Bedroom 01	3.57	2.79	Yes
46	L01: B4-08_Bedroom 02	3.60	2.55	Yes
48	L02: B4-01_Bedroom 01	3.60	2.13	Yes
49	L02: B4-01_Bedroom 02	3.60	2.78	Yes
50	L02: B4-01_Bedroom 03	3.60	2.62	Yes
52	L02: B4-02_Bedroom 01	3.60	1.53	Yes
53	L02: B4-02_Bedroom 02	3.60	1.35	Yes
55	L02: B4-03_Bedroom 01	3.49	1.42	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
56	L02: B4-03_Bedroom 02	3.49	1.26	Yes
58	L02: B4-04_Bedroom 01	3.49	2.57	Yes
59	L02: B4-04_Bedroom 02	5.51	2.92	Yes
61	L02: B4-05_Bedroom 01	3.60	1.68	Yes
62	L02: B4-05_Bedroom 02	3.60	1.55	Yes
64	L02: B4-06_Bedroom	3.60	1.61	Yes
66	L02: B4-07_Bedroom 01	3.60	1.51	Yes
67	L02: B4-07_Bedroom 02	3.60	1.35	Yes
69	L02: B4-08_Bedroom 01	3.57	2.91	Yes
70	L02: B4-08_Bedroom 02	3.60	2.63	Yes
72	L03: B4-01_Bedroom 01	3.60	2.24	Yes
73	L03: B4-01_Bedroom 02	3.60	2.94	Yes
74	L03: B4-01_Bedroom 03	3.60	2.69	Yes
76	L03: B4-02_Bedroom 01	3.60	2.97	Yes
77	L03: B4-02_Bedroom 02	3.60	2.54	Yes
79	L03: B4-03_Bedroom 01	3.49	2.65	Yes
80	L03: B4-03_Bedroom 02	3.49	2.28	Yes
82	L03: B4-04_Bedroom 01	3.49	2.74	Yes
83	L03: B4-04_Bedroom 02	5.51	3.98	Yes
85	L03: B4-05_Bedroom 01	3.60	2.93	Yes
86	L03: B4-05_Bedroom 02	3.60	2.59	Yes
88	L03: B4-06_Bedroom	3.60	2.72	Yes
90	L03: B4-07_Bedroom 01	3.60	2.88	Yes
91	L03: B4-07_Bedroom 02	3.60	2.60	Yes
93	L03: B4-08_Bedroom 01	3.57	3.06	Yes
94	L03: B4-08_Bedroom 02	3.60	2.76	Yes

Apartment Block 1 Kitchen/Living ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	Gf:B01_Apt01_A_Kitchen/Dining/Living	6.75	0.68	*Note 2
2	Gf:B01_Apt02_B_Kitchen/Dining/Living	7.44	1.57	*Note 1
3	Gf:B01_Apt03_C_Kitchen/Dining/Living	6.75	0.71	*Note 2
4	Gf:B01_Apt04_D_Kitchen/Dining/Living	8.96	2.75	Yes
5	Gf:B01_Apt05_E_Kitchen/Dining/Living	6.60	2.03	Yes
6	Gf:B01_Apt06_F_Kitchen/Dining/Living	16.62	4.59	Yes
7	Gf:B01_Apt07_A_Kitchen/Dining/Living	8.51	3.10	Yes
8	Gf:B01_Apt08_B_Kitchen/Dining/Living	7.43	1.63	*Note 1
9	1F:B01_Apt09_A_Kitchen/Dining/Living	6.75	0.77	*Note 2
10	1F:B01_Apt10_B_Kitchen/Dining/Living	9.57	2.24	Yes
11	1F:B01_Apt11_C_Kitchen/Dining/Living	6.75	0.74	*Note 2
12	1F:B01_Apt12_D_Kitchen/Dining/Living	12.53	4.43	Yes
13	1F:B01_Apt13_E_Kitchen/Dining/Living	8.57	2.67	Yes
14	1F:B01_Apt14_F_Kitchen/Dining/Living	16.62	4.74	Yes
15	1F:B01_Apt15_G_Kitchen/Dining/Living	15.35	3.98	Yes
16	1F:B01_Apt16_B_Kitchen/Dining/Living	9.13	2.26	Yes
17	2F:B01_Apt17_A_Kitchen/Dining/Living	6.75	0.87	*Note 2
18	2F:B01_Apt18_B_Kitchen/Dining/Living	9.57	2.49	Yes
19	2F:B01_Apt19_C_Kitchen/Dining/Living	6.75	0.89	*Note 2
20	2F:B01_Apt20_D_Kitchen/Dining/Living	12.53	4.60	Yes
21	2F:B01_Apt21_E_Kitchen/Dining/Living	8.57	2.74	Yes
22	2F:B01_Apt22_F_Kitchen/Dining/Living	16.62	4.76	Yes
23	2F:B01_Apt23_G_Kitchen/Dining/Living	15.35	4.26	Yes
24	2F:B01_Apt24_B_Kitchen/Dining/Living	9.13	2.48	Yes
25	3F:B01_Apt25_A_Kitchen/Dining/Living	6.75	1.03	*Note 2
26	3F:B01_Apt26_B_Kitchen/Dining/Living	9.57	2.70	Yes
27	3F:B01_Apt27_C_Kitchen/Dining/Living	6.75	1.03	*Note 2
28	3F:B01_Apt28_D_Kitchen/Dining/Living	12.53	4.74	Yes
29	3F:B01_Apt29_E_Kitchen/Dining/Living	8.57	2.76	Yes
30	3F:B01_Apt30_F_Kitchen/Dining/Living	16.62	4.82	Yes
31	3F:B01_Apt31_G_Kitchen/Dining/Living	15.35	4.45	Yes
32	3F:B01_Apt32_B_Kitchen/Dining/Living	9.13	2.72	Yes
33	4F:B01_Apt33_A_Kitchen/Dining/Living	6.75	1.18	*Note 2
34	4F:B01_Apt34_B_Kitchen/Dining/Living	9.57	2.91	Yes
35	4F:B01_Apt35_C_Kitchen/Dining/Living	6.75	1.19	*Note 2
36	4F:B01_Apt36_D_Kitchen/Dining/Living	12.53	4.93	Yes
37	4F:B01_Apt37_E_Kitchen/Dining/Living	8.57	2.79	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
38	4F:B01_Apt38_F_Kitchen/Dining/Living	16.62	4.84	Yes
39	4F:B01_Apt39_G_Kitchen/Dining/Living	15.35	4.62	Yes
40	4F:B01_Apt40_B_Kitchen/Dining/Living	9.13	2.70	Yes
41	5F:B01_Apt41_A_Kitchen/Dining/Living	6.75	2.11	Yes
42	5F:B01_Apt42_B_Kitchen/Dining/Living	9.74	2.50	Yes
43	5F:B01_Apt43_C_Kitchen/Dining/Living	6.75	2.27	Yes
44	5F:B01_Apt44_D_Kitchen/Dining/Living	12.69	3.96	Yes
45	5F:B01_Apt45_E_Kitchen/Dining/Living	8.53	2.70	Yes
46	5F:B01_Apt46_F_Kitchen/Dining/Living	16.62	4.14	Yes
47	5F:B01_Apt47_G_Kitchen/Dining/Living	15.31	4.00	Yes
48	5F:B01_Apt48_B_Kitchen/Dining/Living	9.11	2.20	Yes
49	Gf:B01_Apt49_B_Kitchen/Dining/Living	9.89	2.28	Yes
50	Gf:B01_Apt50_G_Kitchen/Dining/Living	16.39	4.72	Yes
51	Gf:B01_Apt51_H_Kitchen/Dining/Living	15.77	4.16	Yes
52	Gf:B01_Apt52_E_Kitchen/Dining/Living	8.46	2.34	Yes
53	Gf:B01_Apt53_D_Kitchen/Dining/Living	10.47	4.15	Yes
54	Gf:B01_Apt54_C_Kitchen/Dining/Living	6.75	0.73	*Note 2
55	Gf:B01_Apt55_B_Kitchen/Dining/Living	8.31	1.54	*Note 1
56	Gf:B01_Apt56_A_Kitchen/Dining/Living	6.75	0.78	*Note 2
57	1F:B01_Apt57_B_Kitchen/Dining/Living	9.89	2.55	Yes
58	1F:B01_Apt58_G_Kitchen/Dining/Living	16.39	4.89	Yes
59	1F:B01_Apt59_H_Kitchen/Dining/Living	15.78	4.35	Yes
60	1F:B01_Apt60_E_Kitchen/Dining/Living	8.47	2.65	Yes
61	1F:B01_Apt61_D_Kitchen/Dining/Living	10.47	4.61	Yes
62	1F:B01_Apt62_C_Kitchen/Dining/Living	6.75	0.76	*Note 2
63	1F:B01_Apt63_B_Kitchen/Dining/Living	8.32	2.27	Yes
64	1F:B01_Apt64_A_Kitchen/Dining/Living	6.75	0.80	*Note 2
65	2F:B01_Apt65_B_Kitchen/Dining/Living	9.89	2.91	Yes
66	2F:B01_Apt66_G_Kitchen/Dining/Living	16.39	5.03	Yes
67	2F:B01_Apt67_H_Kitchen/Dining/Living	15.78	4.25	Yes
68	2F:B01_Apt68_E_Kitchen/Dining/Living	8.47	2.69	Yes
69	2F:B01_Apt69_D_Kitchen/Dining/Living	10.47	4.79	Yes
70	2F:B01_Apt70_C_Kitchen/Dining/Living	6.75	0.90	*Note 2
71	2F:B01_Apt71_B_Kitchen/Dining/Living	8.32	2.02	Yes
72	2F:B01_Apt72_A_Kitchen/Dining/Living	6.75	0.95	*Note 2

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
73	3F:B01_Apt73_B_Kitchen/Dining/Living	9.89	3.09	Yes
74	3F:B01_Apt74_G_Kitchen/Dining/Living	16.39	5.18	Yes
75	3F:B01_Apt75_H_Kitchen/Dining/Living	15.78	4.27	Yes
76	3F:B01_Apt76_E_Kitchen/Dining/Living	8.47	2.72	Yes
77	3F:B01_Apt77_D_Kitchen/Dining/Living	10.47	4.94	Yes
78	3F:B01_Apt78_C_Kitchen/Dining/Living	6.75	1.05	*Note 2
79	3F:B01_Apt79_B_Kitchen/Dining/Living	8.32	2.18	Yes
80	3F:B01_Apt80_A_Kitchen/Dining/Living	6.75	1.11	*Note 2
81	4F:B01_Apt81_B_Kitchen/Dining/Living	9.89	3.00	Yes
82	4F:B01_Apt82_G_Kitchen/Dining/Living	16.39	5.24	Yes
83	4F:B01_Apt83_H_Kitchen/Dining/Living	15.78	4.46	Yes
84	4F:B01_Apt84_E_Kitchen/Dining/Living	8.47	2.71	Yes
85	4F:B01_Apt85_D_Kitchen/Dining/Living	10.47	5.13	Yes
86	4F:B01_Apt86_C_Kitchen/Dining/Living	6.75	1.20	*Note 2
87	4F:B01_Apt87_B_Kitchen/Dining/Living	8.32	2.19	Yes
88	4F:B01_Apt88_A_Kitchen/Dining/Living	6.75	1.24	*Note 2
89	5F:B01_Apt89_B_Kitchen/Dining/Living	9.88	2.36	Yes
90	5F:B01_Apt90_G_Kitchen/Dining/Living	16.39	4.54	Yes
91	5F:B01_Apt91_H_Kitchen/Dining/Living	15.73	4.26	Yes
92	5F:B01_Apt92_E_Kitchen/Dining/Living	8.59	2.86	Yes
93	5F:B01_Apt93_D_Kitchen/Dining/Living	10.64	3.86	Yes
94	5F:B01_Apt94_C_Kitchen/Dining/Living	6.75	2.25	Yes
95	5F:B01_Apt95_B_Kitchen/Dining/Living	8.43	2.87	Yes
96	5F:B01_Apt96_A_Kitchen/Dining/Living	6.75	2.00	Yes

Apartment Block 1 Bedroom ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	Gf:B01_Apt01_A_Bedroom	3.57	0.78	*Note 2
2	Gf:B01_Apt02_B_Bedroom 1	3.57	0.71	*Note 2
3	Gf:B01_Apt02_B_Bedroom 2	3.57	0.81	*Note 2
4	Gf:B01_Apt03_C_Bedroom 1	3.57	2.87	Yes
5	Gf:B01_Apt03_C_Bedroom 2	3.57	3.04	Yes
6	Gf:B01_Apt04_D_Bedroom 1	3.57	1.78	Yes
7	Gf:B01_Apt04_D_Bedroom 2	3.57	1.96	Yes
8	Gf:B01_Apt05_E_Bedroom 1	3.57	1.72	Yes
9	Gf:B01_Apt05_E_Bedroom 2	3.57	2.05	Yes
10	Gf:B01_Apt06_F_Bedroom 1	6.22	3.32	Yes
11	Gf:B01_Apt06_F_Bedroom 2	3.57	3.08	Yes
12	Gf:B01_Apt06_F_Bedroom 3	3.57	3.29	Yes
13	Gf:B01_Apt07_A_Bedroom	3.57	2.52	Yes
14	Gf:B01_Apt08_B_Bedroom 1	3.57	0.67	*Note 2
15	Gf:B01_Apt08_B_Bedroom 2	3.57	0.83	*Note 2
16	1F:B01_Apt09_A_Bedroom	3.57	0.83	*Note 2
17	1F:B01_Apt10_B_Bedroom 1	3.57	0.75	*Note 2
18	1F:B01_Apt10_B_Bedroom 2	3.57	0.89	*Note 2
19	1F:B01_Apt11_C_Bedroom 1	3.57	3.14	Yes
20	1F:B01_Apt11_C_Bedroom 2	3.57	3.30	Yes
21	1F:B01_Apt12_D_Bedroom 1	3.57	1.65	Yes
22	1F:B01_Apt12_D_Bedroom 2	3.57	1.84	Yes
23	1F:B01_Apt13_E_Bedroom 1	3.57	1.62	Yes
24	1F:B01_Apt13_E_Bedroom 2	3.57	1.92	Yes
25	1F:B01_Apt14_F_Bedroom 1	3.57	2.89	Yes
26	1F:B01_Apt14_F_Bedroom 2	3.57	3.26	Yes
27	1F:B01_Apt14_F_Bedroom 3	3.57	3.49	Yes
28	1F:B01_Apt15_G_Bedroom 1	3.57	3.43	Yes
29	1F:B01_Apt15_G_Bedroom 2	3.57	3.94	Yes
30	1F:B01_Apt16_B_Bedroom 1	3.57	0.77	*Note 2
31	1F:B01_Apt16_B_Bedroom 2	3.57	0.92	*Note 2
32	2F:B01_Apt17_A_Bedroom	3.57	1.06	Yes
33	2F:B01_Apt18_B_Bedroom 1	3.57	0.96	*Note 2
34	2F:B01_Apt18_B_Bedroom 2	3.57	1.11	Yes
35	2F:B01_Apt19_C_Bedroom 1	3.57	3.22	Yes
36	2F:B01_Apt19_C_Bedroom 2	3.57	3.38	Yes
37	2F:B01_Apt20_D_Bedroom 1	3.57	1.66	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
38	2F:B01_Apt20_D_Bedroom 2	3.57	1.87	Yes
39	2F:B01_Apt21_E_Bedroom 1	3.57	1.64	Yes
40	2F:B01_Apt21_E_Bedroom 2	3.57	1.96	Yes
41	2F:B01_Apt22_F_Bedroom 1	3.57	2.91	Yes
42	2F:B01_Apt22_F_Bedroom 2	3.57	3.33	Yes
43	2F:B01_Apt22_F_Bedroom 3	3.57	3.55	Yes
44	2F:B01_Apt23_G_Bedroom 1	3.57	3.58	Yes
45	2F:B01_Apt23_G_Bedroom 2	3.57	4.04	Yes
46	2F:B01_Apt24_B_Bedroom 1	3.57	0.94	*Note 2
47	2F:B01_Apt24_B_Bedroom 2	3.57	1.11	Yes
48	3F:B01_Apt25_A_Bedroom	3.57	1.27	Yes
49	3F:B01_Apt26_B_Bedroom 1	3.57	1.14	Yes
50	3F:B01_Apt26_B_Bedroom 2	3.57	1.33	Yes
51	3F:B01_Apt27_C_Bedroom 1	3.57	3.30	Yes
52	3F:B01_Apt27_C_Bedroom 2	3.57	3.41	Yes
53	3F:B01_Apt28_D_Bedroom 1	3.57	1.66	Yes
54	3F:B01_Apt28_D_Bedroom 2	3.57	1.85	Yes
55	3F:B01_Apt29_E_Bedroom 1	3.57	1.62	Yes
56	3F:B01_Apt29_E_Bedroom 2	3.57	1.95	Yes
57	3F:B01_Apt30_F_Bedroom 1	3.57	2.90	Yes
58	3F:B01_Apt30_F_Bedroom 2	3.57	3.38	Yes
59	3F:B01_Apt30_F_Bedroom 3	3.57	3.62	Yes
60	3F:B01_Apt31_G_Bedroom 1	3.57	3.58	Yes
61	3F:B01_Apt31_G_Bedroom 2	3.57	4.04	Yes
62	3F:B01_Apt32_B_Bedroom 1	3.57	1.11	Yes
63	3F:B01_Apt32_B_Bedroom 2	3.57	1.32	Yes
64	4F:B01_Apt33_A_Bedroom	3.57	1.44	Yes
65	4F:B01_Apt34_B_Bedroom 1	3.57	1.28	Yes
66	4F:B01_Apt34_B_Bedroom 2	3.57	1.50	Yes
67	4F:B01_Apt35_C_Bedroom 1	3.57	3.33	Yes
68	4F:B01_Apt35_C_Bedroom 2	3.57	3.49	Yes
69	4F:B01_Apt36_D_Bedroom 1	3.57	1.69	Yes
70	4F:B01_Apt36_D_Bedroom 2	3.57	1.87	Yes
71	4F:B01_Apt37_E_Bedroom 1	3.57	1.65	Yes
72	4F:B01_Apt37_E_Bedroom 2	3.57	1.96	Yes
73	4F:B01_Apt38_F_Bedroom 1	3.57	2.92	Yes
74	4F:B01_Apt38_F_Bedroom 2	3.57	3.41	Yes
75	4F:B01_Apt38_F_Bedroom 3	3.57	3.61	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
76	4F:B01_Apt39_G_Bedroom 1	3.57	3.63	Yes
77	4F:B01_Apt39_G_Bedroom 2	3.57	4.05	Yes
78	4F:B01_Apt40_B_Bedroom 1	3.57	1.29	Yes
79	4F:B01_Apt40_B_Bedroom 2	3.57	1.49	Yes
80	5F:B01_Apt41_A_Bedroom	3.57	2.38	Yes
81	5F:B01_Apt42_B_Bedroom 1	3.57	1.90	Yes
82	5F:B01_Apt42_B_Bedroom 2	3.57	2.19	Yes
83	5F:B01_Apt43_C_Bedroom 1	3.57	2.59	Yes
84	5F:B01_Apt43_C_Bedroom 2	3.57	2.63	Yes
85	5F:B01_Apt44_D_Bedroom 1	3.57	2.17	Yes
86	5F:B01_Apt44_D_Bedroom 2	3.57	2.45	Yes
87	5F:B01_Apt45_E_Bedroom 1	3.57	2.10	Yes
88	5F:B01_Apt45_E_Bedroom 2	3.57	2.60	Yes
89	5F:B01_Apt46_F_Bedroom 1	3.57	2.27	Yes
90	5F:B01_Apt46_F_Bedroom 2	3.57	2.55	Yes
91	5F:B01_Apt46_F_Bedroom 3	3.57	2.78	Yes
92	5F:B01_Apt47_G_Bedroom 1	3.57	2.72	Yes
93	5F:B01_Apt47_G_Bedroom 2	3.57	3.15	Yes
94	5F:B01_Apt48_B_Bedroom 1	3.57	1.93	Yes
95	5F:B01_Apt48_B_Bedroom 2	3.57	2.26	Yes
96	Gf:B01_Apt49_B_Bedroom 1	3.57	1.07	Yes
97	Gf:B01_Apt49_B_Bedroom 2	3.57	1.34	Yes
98	Gf:B01_Apt50_G_Bedroom 1	3.57	3.47	Yes
99	Gf:B01_Apt50_G_Bedroom 2	3.57	4.34	Yes
100	Gf:B01_Apt51_H_Bedroom 1	3.57	3.07	Yes
101	Gf:B01_Apt51_H_Bedroom 2	3.57	3.31	Yes
102	Gf:B01_Apt52_E_Bedroom 1	3.57	2.06	Yes
103	Gf:B01_Apt52_E_Bedroom 2	3.57	2.06	Yes
104	Gf:B01_Apt53_D_Bedroom 1	3.57	2.00	Yes
105	Gf:B01_Apt53_D_Bedroom 2	3.57	2.03	Yes
106	Gf:B01_Apt54_C_Bedroom 1	3.57	2.70	Yes
107	Gf:B01_Apt54_C_Bedroom 2	3.57	2.98	Yes
108	Gf:B01_Apt55_B_Bedroom 1	3.57	0.89	*Note 2
109	Gf:B01_Apt55_B_Bedroom 2	3.57	0.87	*Note 2
110	Gf:B01_Apt56_A_Bedroom	3.57	1.06	Yes
111	1F:B01_Apt57_B_Bedroom 1	3.57	1.05	Yes
112	1F:B01_Apt57_B_Bedroom 2	3.57	1.30	Yes
113	1F:B01_Apt58_G_Bedroom 1	3.57	3.62	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
114	1F:B01_Apt58_G_Bedroom 2	3.57	4.57	Yes
115	1F:B01_Apt59_H_Bedroom 1	3.57	3.34	Yes
116	1F:B01_Apt59_H_Bedroom 2	3.57	3.57	Yes
117	1F:B01_Apt60_E_Bedroom 1	3.57	1.92	Yes
118	1F:B01_Apt60_E_Bedroom 2	3.57	1.93	Yes
119	1F:B01_Apt61_D_Bedroom 1	3.57	1.86	Yes
120	1F:B01_Apt61_D_Bedroom 2	3.57	1.92	Yes
121	1F:B01_Apt62_C_Bedroom 1	3.57	2.97	Yes
122	1F:B01_Apt62_C_Bedroom 2	3.57	3.24	Yes
123	1F:B01_Apt63_B_Bedroom 1	3.57	0.92	*Note 2
124	1F:B01_Apt63_B_Bedroom 2	3.57	0.92	*Note 2
125	1F:B01_Apt64_A_Bedroom	3.57	1.11	Yes
126	2F:B01_Apt65_B_Bedroom 1	3.57	1.16	Yes
127	2F:B01_Apt65_B_Bedroom 2	3.57	1.44	Yes
128	2F:B01_Apt66_G_Bedroom 1	3.57	3.70	Yes
129	2F:B01_Apt66_G_Bedroom 2	3.57	4.61	Yes
130	2F:B01_Apt67_H_Bedroom 1	3.57	3.38	Yes
131	2F:B01_Apt67_H_Bedroom 2	3.57	3.64	Yes
132	2F:B01_Apt68_E_Bedroom 1	3.57	1.92	Yes
133	2F:B01_Apt68_E_Bedroom 2	3.57	1.93	Yes
134	2F:B01_Apt69_D_Bedroom 1	3.57	1.89	Yes
135	2F:B01_Apt69_D_Bedroom 2	3.57	1.91	Yes
136	2F:B01_Apt70_C_Bedroom 1	3.57	3.08	Yes
137	2F:B01_Apt70_C_Bedroom 2	3.57	3.31	Yes
138	2F:B01_Apt71_B_Bedroom 1	3.57	1.09	Yes
139	2F:B01_Apt71_B_Bedroom 2	3.57	1.15	Yes
140	2F:B01_Apt72_A_Bedroom	3.57	1.27	Yes
141	3F:B01_Apt73_B_Bedroom 1	3.57	1.26	Yes
142	3F:B01_Apt73_B_Bedroom 2	3.57	1.53	Yes
143	5F:B01_Apt74_G_Bedroom 1	3.57	2.86	Yes
144	4F:B01_Apt74_G_Bedroom 1	3.57	3.73	Yes
145	3F:B01_Apt74_G_Bedroom 1	3.57	3.70	Yes
146	3F:B01_Apt74_G_Bedroom 2	3.57	4.69	Yes
147	3F:B01_Apt75_H_Bedroom 1	3.57	3.43	Yes
148	3F:B01_Apt75_H_Bedroom 2	3.57	3.69	Yes
149	3F:B01_Apt76_E_Bedroom 1	3.57	1.93	Yes
150	3F:B01_Apt76_E_Bedroom 2	3.57	1.93	Yes
151	3F:B01_Apt77_D_Bedroom 1	3.57	1.89	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
152	3F:B01_Apt77_D_Bedroom 2	3.57	1.89	Yes
153	3F:B01_Apt78_C_Bedroom 1	3.57	3.11	Yes
154	3F:B01_Apt78_C_Bedroom 2	3.57	3.39	Yes
155	3F:B01_Apt79_B_Bedroom 1	3.57	1.26	Yes
156	3F:B01_Apt79_B_Bedroom 2	3.57	1.32	Yes
157	3F:B01_Apt80_A_Bedroom	3.57	1.42	Yes
158	4F:B01_Apt81_B_Bedroom 1	3.57	1.36	Yes
159	4F:B01_Apt81_B_Bedroom 2	3.57	1.64	Yes
160	4F:B01_Apt82_G_Bedroom 2	3.57	4.73	Yes
161	4F:B01_Apt83_H_Bedroom 1	3.57	3.47	Yes
162	4F:B01_Apt83_H_Bedroom 2	3.57	3.68	Yes
163	4F:B01_Apt84_E_Bedroom 1	3.57	1.90	Yes
164	4F:B01_Apt84_E_Bedroom 2	3.57	1.94	Yes
165	4F:B01_Apt85_D_Bedroom 1	3.57	1.87	Yes
166	4F:B01_Apt85_D_Bedroom 2	3.57	1.91	Yes
167	4F:B01_Apt86_C_Bedroom 1	3.57	3.18	Yes
168	4F:B01_Apt86_C_Bedroom 2	3.57	3.43	Yes
169	4F:B01_Apt87_B_Bedroom 1	3.57	1.41	Yes
170	4F:B01_Apt87_B_Bedroom 2	3.57	1.47	Yes
171	4F:B01_Apt88_A_Bedroom	3.57	1.56	Yes
172	5F:B01_Apt89_B_Bedroom 1	3.57	1.88	Yes
173	5F:B01_Apt89_B_Bedroom 2	3.57	2.23	Yes
174	5F:B01_Apt90_G_Bedroom 2	3.57	3.80	Yes
175	5F:B01_Apt91_H_Bedroom 1	3.57	2.68	Yes
176	5F:B01_Apt91_H_Bedroom 2	3.57	2.84	Yes
177	5F:B01_Apt92_E_Bedroom 1	3.57	2.46	Yes
178	5F:B01_Apt92_E_Bedroom 2	3.57	2.55	Yes
179	5F:B01_Apt93_D_Bedroom 1	3.57	2.35	Yes
180	5F:B01_Apt93_D_Bedroom 2	3.57	2.58	Yes
181	5F:B01_Apt94_C_Bedroom 1	3.57	2.39	Yes
182	5F:B01_Apt94_C_Bedroom 2	3.57	2.61	Yes
183	5F:B01_Apt95_B_Bedroom 1	3.57	1.91	Yes
184	5F:B01_Apt95_B_Bedroom 2	3.57	2.26	Yes
185	5F:B01_Apt96_A_Bedroom	3.57	2.31	Yes

Apartment Block 2 Kitchen/Living ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	Lg:B02_Apt01_B_Kitchen/Dining/Living	9.82	1.90	*Note 1
2	Lg:B02_Apt02_G_Kitchen/Dining/Living	16.12	4.31	Yes
3	Lg:B02_Apt03_IKitchen/Dining/Living	7.93	1.19	*Note 2
4	Lg:B02_Apt04_J_Kitchen/Dining/Living	9.53	2.04	Yes
5	Lg:B02_Apt05_A_Kitchen/Dining/Living	6.75	0.80	*Note 2
6	Gf:B02_Apt06_B_Kitchen/Dining/Living	9.82	2.52	Yes
7	Gf:B02_Apt07_G_Kitchen/Dining/Living	16.12	4.58	Yes
8	Gf:B02_Apt08_F_Kitchen/Dining/Living	16.50	3.80	Yes
9	Gf:B02_Apt09_E_Kitchen/Dining/Living	8.91	1.47	*Note 2
10	Gf:B02_Apt10_D_Kitchen/Dining/Living	12.59	3.04	Yes
11	Gf:B02_Apt11_C_Kitchen/Dining/Living	8.10	1.09	*Note 2
12	Gf:B02_Apt12_B_Kitchen/Dining/Living	9.53	2.20	Yes
13	Gf:B02_Apt13_A_Kitchen/Dining/Living	6.75	0.83	*Note 2
14	1F:B02_Apt14_B_Kitchen/Dining/Living	9.82	2.35	Yes
15	1F:B02_Apt15_G_Kitchen/Dining/Living	16.12	4.82	Yes
16	1F:B02_Apt16_F_Kitchen/Dining/Living	16.50	3.96	Yes
17	1F:B02_Apt17_E_Kitchen/Dining/Living	8.91	1.65	*Note 1
18	1F:B02_Apt18_D_Kitchen/Dining/Living	12.59	3.29	Yes
19	1F:B02_Apt19_C_Kitchen/Dining/Living	8.10	1.28	*Note 2
20	1F:B02_Apt20_B_Kitchen/Dining/Living	9.53	2.42	Yes
21	1F:B02_Apt21_A_Kitchen/Dining/Living	6.75	1.00	*Note 2
22	2F:B02_Apt22_B_Kitchen/Dining/Living	9.82	2.55	Yes
23	2F:B02_Apt23_G_Kitchen/Dining/Living	16.12	5.05	Yes
24	2F:B02_Apt24_F_Kitchen/Dining/Living	16.50	4.06	Yes
25	2F:B02_Apt25_E_Kitchen/Dining/Living	8.91	1.79	*Note 1
26	2F:B02_Apt26_D_Kitchen/Dining/Living	12.59	3.77	Yes
27	2F:B02_Apt27_C_Kitchen/Dining/Living	8.10	1.46	*Note 2
28	2F:B02_Apt28_B_Kitchen/Dining/Living	9.53	2.83	Yes
29	2F:B02_Apt29_A_Kitchen/Dining/Living	6.75	1.16	*Note 2
30	3F:B02_Apt30_B_Kitchen/Dining/Living	9.82	2.72	Yes
31	3F:B02_Apt31_G_Kitchen/Dining/Living	16.12	5.19	Yes
32	3F:B02_Apt32_F_Kitchen/Dining/Living	16.50	4.16	Yes
33	3F:B02_Apt33_E_Kitchen/Dining/Living	8.91	1.90	*Note 1
34	3F:B02_Apt34_D_Kitchen/Dining/Living	12.59	3.89	Yes
35	3F:B02_Apt35_C_Kitchen/Dining/Living	8.10	1.61	*Note 1
36	3F:B02_Apt36_B_Kitchen/Dining/Living	9.53	3.03	Yes
37	3F:B02_Apt37_A_Kitchen/Dining/Living	6.75	1.27	*Note 2

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
38	4F:B02_Apt38_B_Kitchen/Dining/Living	9.82	3.29	Yes
39	4F:B02_Apt39_G_Kitchen/Dining/Living	16.12	5.31	Yes
40	4F:B02_Apt40_F_Kitchen/Dining/Living	16.50	4.27	Yes
41	4F:B02_Apt41_E_Kitchen/Dining/Living	8.91	2.00	Yes
42	4F:B02_Apt42_D_Kitchen/Dining/Living	12.59	4.45	Yes
43	4F:B02_Apt43_C_Kitchen/Dining/Living	8.10	1.45	*Note 2
44	4F:B02_Apt44_B_Kitchen/Dining/Living	9.53	2.66	Yes
45	4F:B02_Apt45_A_Kitchen/Dining/Living	6.75	1.36	*Note 2
46	5F:B02_Apt46_B_Kitchen/Dining/Living	10.00	2.71	Yes
47	5F:B02_Apt47_G_Kitchen/Dining/Living	16.12	5.41	Yes
48	5F:B02_Apt48_F_Kitchen/Dining/Living	16.49	4.01	Yes
49	5F:B02_Apt49_E_Kitchen/Dining/Living	8.87	2.37	Yes
50	5F:B02_Apt50_D_Kitchen/Dining/Living	12.76	3.86	Yes
51	5F:B02_Apt51_C_Kitchen/Dining/Living	8.10	2.74	Yes
52	5F:B02_Apt52_B_Kitchen/Dining/Living	9.71	2.55	Yes
53	5F:B02_Apt53_A_Kitchen/Dining/Living	6.75	2.07	Yes
54	Lg:B02_Apt54_A_Kitchen/Dining/Living	6.75	0.88	*Note 2
55	Lg:B02_Apt55_J_Kitchen/Dining/Living	9.84	2.19	Yes
56	Lg:B02_Apt56_I_Kitchen/Dining/Living	7.95	1.20	*Note 2
57	Lg:B02_Apt57_G_Kitchen/Dining/Living	14.59	4.67	Yes
58	Lg:B02_Apt58_B_Kitchen/Dining/Living	9.15	2.46	Yes
59	Gf:B02_Apt59_A_Kitchen/Dining/Living	6.75	0.92	*Note 2
60	Gf:B02_Apt60_B_Kitchen/Dining/Living	9.84	2.52	Yes
61	Gf:B02_Apt61_C_Kitchen/Dining/Living	8.10	1.01	*Note 2
62	Gf:B02_Apt62_D_Kitchen/Dining/Living	12.77	3.10	Yes
63	Gf:B02_Apt63_E_Kitchen/Dining/Living	9.09	2.29	Yes
64	Gf:B02_Apt64_H_Kitchen/Dining/Living	18.67	5.71	Yes
65	Gf:B02_Apt65_G_Kitchen/Dining/Living	14.59	4.82	Yes
66	Gf:B02_Apt66_B_Kitchen/Dining/Living	9.15	2.77	Yes
67	1F:B02_Apt67_A_Kitchen/Dining/Living	6.75	1.04	*Note 2
68	1F:B02_Apt68_B_Kitchen/Dining/Living	9.84	2.76	Yes
69	1F:B02_Apt69_C_Kitchen/Dining/Living	8.10	1.29	*Note 2
70	1F:B02_Apt70_D_Kitchen/Dining/Living	12.77	3.34	Yes
71	1F:B02_Apt71_E_Kitchen/Dining/Living	9.09	2.21	Yes
72	1F:B02_Apt72_H_Kitchen/Dining/Living	18.67	5.94	Yes
73	1F:B02_Apt73_G_Kitchen/Dining/Living	14.59	4.97	Yes
74	1F:B02_Apt74_B_Kitchen/Dining/Living	9.15	2.96	Yes
75	2F:B02_Apt75_A_Kitchen/Dining/Living	6.75	1.16	*Note 2

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
76	2F:B02_Apt76_B_Kitchen/Dining/Living	9.84	2.94	Yes
77	2F:B02_Apt77_C_Kitchen/Dining/Living	8.10	1.47	*Note 2
78	2F:B02_Apt78_D_Kitchen/Dining/Living	12.77	3.85	Yes
79	2F:B02_Apt79_E_Kitchen/Dining/Living	9.09	2.30	Yes
80	2F:B02_Apt80_H_Kitchen/Dining/Living	18.67	6.02	Yes
81	2F:B02_Apt81_G_Kitchen/Dining/Living	14.59	5.10	Yes
82	2F:B02_Apt82_B_Kitchen/Dining/Living	9.15	3.09	Yes
83	3F:B02_Apt83_A_Kitchen/Dining/Living	6.75	1.30	*Note 2
84	3F:B02_Apt84_B_Kitchen/Dining/Living	9.84	3.07	Yes
85	3F:B02_Apt85_C_Kitchen/Dining/Living	8.10	1.49	*Note 2
86	3F:B02_Apt86_D_Kitchen/Dining/Living	12.77	4.21	Yes
87	3F:B02_Apt87_E_Kitchen/Dining/Living	9.09	2.41	Yes
88	3F:B02_Apt88_H_Kitchen/Dining/Living	18.67	6.10	Yes
89	3F:B02_Apt89_G_Kitchen/Dining/Living	14.59	5.15	Yes
90	3F:B02_Apt90_B_Kitchen/Dining/Living	9.15	3.20	Yes
91	4F:B02_Apt91_A_Kitchen/Dining/Living	6.75	1.37	*Note 2
92	4F:B02_Apt92_B_Kitchen/Dining/Living	9.84	2.72	Yes
93	4F:B02_Apt93_C_Kitchen/Dining/Living	8.10	1.59	*Note 1
94	4F:B02_Apt94_D_Kitchen/Dining/Living	12.77	4.55	Yes
95	4F:B02_Apt95_E_Kitchen/Dining/Living	9.09	2.53	Yes
96	4F:B02_Apt96_H_Kitchen/Dining/Living	18.67	6.17	Yes
97	4F:B02_Apt97_G_Kitchen/Dining/Living	14.59	5.18	Yes
98	4F:B02_Apt98_B_Kitchen/Dining/Living	9.15	3.27	Yes
99	5F:B02_Apt99_A_Kitchen/Dining/Living	6.75	2.08	Yes
100	5F:B02_Apt100_B_Kitchen/Dining/Living	10.02	2.36	Yes
101	5F:B02_Apt101_C_Kitchen/Dining/Living	8.10	3.13	Yes
102	5F:B02_Apt102_D_Kitchen/Dining/Living	12.94	3.88	Yes
103	5F:B02_Apt103_E_Kitchen/Dining/Living	10.17	2.15	Yes
104	5F:B02_Apt104_H_Kitchen/Dining/Living	16.11	4.13	Yes
105	5F:B02_Apt105_G_Kitchen/Dining/Living	14.59	4.69	Yes
106	5F:B02_Apt106_B_Kitchen/Dining/Living	9.14	2.45	Yes

Apartment Block 2 Bedroom ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	Lg:B02_Apt01_B_Bedroom 1	3.57	0.88	*Note 2
2	Lg:B02_Apt01_B_Bedroom 2	3.57	1.04	Yes
3	Lg:B02_Apt02_G_Bedroom 1	3.57	3.24	Yes
4	Lg:B02_Apt02_G_Bedroom 2	3.57	3.75	Yes
5	Lg:B02_Apt03_I_Bedroom	3.57	0.98	*Note 2
6	Lg:B02_Apt04_J_Bedroom	3.57	1.05	Yes
7	Lg:B02_Apt05_A_Bedroom	3.57	1.00	Yes
8	Gf:B02_Apt06_B_Bedroom 1	3.57	0.93	*Note 2
9	Gf:B02_Apt06_B_Bedroom 2	3.57	1.13	Yes
10	Gf:B02_Apt07_G_Bedroom 1	3.57	3.45	Yes
11	Gf:B02_Apt07_G_Bedroom 2	3.57	4.00	Yes
12	Gf:B02_Apt08_F_Bedroom 1	3.57	2.40	Yes
13	Gf:B02_Apt08_F_Bedroom 2	3.57	1.30	Yes
14	Gf:B02_Apt08_F_Bedroom 3	3.57	1.87	Yes
15	Gf:B02_Apt09_E_Bedroom 1	3.57	0.73	*Note 2
16	Gf:B02_Apt09_E_Bedroom 2	3.57	0.70	*Note 2
17	Gf:B02_Apt10_D_Bedroom 1	3.57	0.75	*Note 2
18	Gf:B02_Apt10_D_Bedroom 2	3.57	0.72	*Note 2
19	Gf:B02_Apt11_C_Bedroom 1	3.57	1.75	Yes
20	Gf:B02_Apt11_C_Bedroom 2	3.57	1.93	Yes
21	Gf:B02_Apt12_B_Bedroom 1	3.57	1.14	Yes
22	Gf:B02_Apt12_B_Bedroom 2	3.57	1.16	Yes
23	Gf:B02_Apt13_A_Bedroom	3.57	1.08	Yes
24	1F:B02_Apt14_B_Bedroom 1	3.57	1.04	Yes
25	1F:B02_Apt14_B_Bedroom 2	3.57	1.31	Yes
26	1F:B02_Apt15_G_Bedroom 1	3.57	3.52	Yes
27	1F:B02_Apt15_G_Bedroom 2	3.57	4.09	Yes
28	1F:B02_Apt16_F_Bedroom 1	3.57	2.47	Yes
29	1F:B02_Apt16_F_Bedroom 2	3.57	1.92	Yes
30	1F:B02_Apt16_F_Bedroom 3	3.57	2.11	Yes
31	1F:B02_Apt17_E_Bedroom 1	3.57	0.77	*Note 2
32	1F:B02_Apt17_E_Bedroom 2	3.57	0.75	*Note 2
33	1F:B02_Apt18_D_Bedroom 1	3.57	0.80	*Note 2
34	1F:B02_Apt18_D_Bedroom 2	3.57	0.78	*Note 2
35	1F:B02_Apt19_C_Bedroom 1	3.57	2.14	Yes
36	1F:B02_Apt19_C_Bedroom 2	3.57	2.28	Yes
37	1F:B02_Apt20_B_Bedroom 1	3.57	1.33	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
38	1F:B02_Apt20_B_Bedroom 2	3.57	1.38	Yes
39	1F:B02_Apt21_A_Bedroom	3.57	1.19	Yes
40	2F:B02_Apt22_B_Bedroom 1	3.57	1.23	Yes
41	2F:B02_Apt22_B_Bedroom 2	3.57	1.50	Yes
42	2F:B02_Apt23_G_Bedroom 1	3.57	3.53	Yes
43	2F:B02_Apt23_G_Bedroom 2	3.57	4.13	Yes
44	2F:B02_Apt24_F_Bedroom 1	3.57	2.53	Yes
45	2F:B02_Apt24_F_Bedroom 2	3.57	2.10	Yes
46	2F:B02_Apt24_F_Bedroom 3	3.57	2.31	Yes
47	2F:B02_Apt25_E_Bedroom 1	3.57	0.86	*Note 2
48	2F:B02_Apt25_E_Bedroom 2	3.57	0.82	*Note 2
49	2F:B02_Apt26_D_Bedroom 1	3.57	0.91	*Note 2
50	2F:B02_Apt26_D_Bedroom 2	3.57	0.88	*Note 2
51	2F:B02_Apt27_C_Bedroom 1	3.57	2.35	Yes
52	2F:B02_Apt27_C_Bedroom 2	3.57	2.55	Yes
53	2F:B02_Apt28_B_Bedroom 1	3.57	1.54	Yes
54	2F:B02_Apt28_B_Bedroom 2	3.57	1.55	Yes
55	2F:B02_Apt29_A_Bedroom	3.57	1.46	Yes
56	3F:B02_Apt30_B_Bedroom 1	3.57	1.40	Yes
57	3F:B02_Apt30_B_Bedroom 2	3.57	1.66	Yes
58	3F:B02_Apt31_G_Bedroom 1	3.57	3.57	Yes
59	3F:B02_Apt31_G_Bedroom 2	3.57	4.13	Yes
60	3F:B02_Apt32_F_Bedroom 1	3.57	2.54	Yes
61	3F:B02_Apt32_F_Bedroom 2	3.57	2.32	Yes
62	3F:B02_Apt32_F_Bedroom 3	3.57	2.55	Yes
63	3F:B02_Apt33_E_Bedroom 1	3.57	0.99	*Note 2
64	3F:B02_Apt33_E_Bedroom 2	3.57	0.97	*Note 2
65	3F:B02_Apt34_D_Bedroom 1	3.57	1.06	Yes
66	3F:B02_Apt34_D_Bedroom 2	3.57	1.02	Yes
67	3F:B02_Apt35_C_Bedroom 1	3.57	2.59	Yes
68	3F:B02_Apt35_C_Bedroom 2	3.57	2.77	Yes
69	3F:B02_Apt36_B_Bedroom 1	3.57	1.68	Yes
70	3F:B02_Apt36_B_Bedroom 2	3.57	1.71	Yes
71	3F:B02_Apt37_A_Bedroom	3.57	1.61	Yes
72	4F:B02_Apt38_B_Bedroom 1	3.57	1.49	Yes
73	4F:B02_Apt38_B_Bedroom 2	3.57	1.74	Yes
74	4F:B02_Apt39_G_Bedroom 1	3.57	3.56	Yes
75	4F:B02_Apt39_G_Bedroom 2	3.57	4.15	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
76	4F:B02_Apt40_F_Bedroom 1	3.57	2.56	Yes
77	4F:B02_Apt40_F_Bedroom 2	3.57	2.59	Yes
78	4F:B02_Apt40_F_Bedroom 3	3.57	2.77	Yes
79	4F:B02_Apt41_E_Bedroom 1	3.57	0.98	*Note 2
80	4F:B02_Apt41_E_Bedroom 2	3.57	1.15	Yes
81	4F:B02_Apt42_D_Bedroom 1	3.57	1.25	Yes
82	4F:B02_Apt42_D_Bedroom 2	3.57	1.20	Yes
83	4F:B02_Apt43_C_Bedroom 1	3.57	2.78	Yes
84	4F:B02_Apt43_C_Bedroom 2	3.57	2.98	Yes
85	4F:B02_Apt44_B_Bedroom 1	3.57	1.77	Yes
86	4F:B02_Apt44_B_Bedroom 2	3.57	1.83	Yes
87	4F:B02_Apt45_A_Bedroom	3.57	1.72	Yes
88	5F:B02_Apt46_B_Bedroom 1	3.57	1.92	Yes
89	5F:B02_Apt46_B_Bedroom 2	3.57	2.43	Yes
90	5F:B02_Apt47_G_Bedroom 1	3.57	2.68	Yes
91	5F:B02_Apt47_G_Bedroom 2	3.57	3.19	Yes
92	5F:B02_Apt48_F_Bedroom 1	3.57	1.87	Yes
93	5F:B02_Apt48_F_Bedroom 2	3.57	2.12	Yes
94	5F:B02_Apt48_F_Bedroom 3	3.57	2.28	Yes
95	5F:B02_Apt49_E_Bedroom 1	3.57	1.82	Yes
96	5F:B02_Apt49_E_Bedroom 2	3.57	2.13	Yes
97	5F:B02_Apt50_D_Bedroom 1	3.57	2.19	Yes
98	5F:B02_Apt50_D_Bedroom 2	3.57	2.22	Yes
99	5F:B02_Apt51_C_Bedroom 1	3.57	2.26	Yes
100	5F:B02_Apt51_C_Bedroom 2	3.57	2.39	Yes
101	5F:B02_Apt52_B_Bedroom 1	3.57	2.56	Yes
102	5F:B02_Apt52_B_Bedroom 2	3.57	2.52	Yes
103	5F:B02_Apt53_A_Bedroom	3.57	2.51	Yes
104	Lg:B02_Apt54_A_Bedroom	3.57	1.25	Yes
105	Lg:B02_Apt55_J_Bedroom	3.57	1.10	Yes
106	Lg:B02_Apt56_I_Bedroom	3.57	1.10	Yes
107	Lg:B02_Apt57_G_Bedroom 1	3.57	3.24	Yes
108	Lg:B02_Apt57_G_Bedroom 2	3.57	4.03	Yes
109	Lg:B02_Apt58_B_Bedroom 1	3.57	1.08	Yes
110	Lg:B02_Apt58_B_Bedroom 2	3.57	1.46	Yes
111	Gf:B02_Apt59_A_Bedroom	3.57	1.25	Yes
112	Gf:B02_Apt60_B_Bedroom 1	3.57	1.23	Yes
113	Gf:B02_Apt60_B_Bedroom 2	3.57	1.19	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
114	Gf:B02_Apt61_C_Bedroom 1	3.57	1.85	Yes
115	Gf:B02_Apt61_C_Bedroom 2	3.57	1.94	Yes
116	Gf:B02_Apt62_D_Bedroom 1	3.57	0.71	*Note 2
117	Gf:B02_Apt62_D_Bedroom 2	3.57	0.80	*Note 2
118	Gf:B02_Apt63_E_Bedroom 1	3.57	0.75	*Note 2
119	Gf:B02_Apt63_E_Bedroom 2	3.57	0.86	*Note 2
120	Gf:B02_Apt64_H_Bedroom 1	3.49	2.06	Yes
121	Gf:B02_Apt64_H_Bedroom 2	3.49	2.22	Yes
122	Gf:B02_Apt65_G_Bedroom 1	3.48	3.24	Yes
123	Gf:B02_Apt65_G_Bedroom 2	3.57	4.27	Yes
124	Gf:B02_Apt66_B_Bedroom 1	3.57	0.92	*Note 2
125	Gf:B02_Apt66_B_Bedroom 2	3.57	1.44	Yes
126	1F:B02_Apt67_A_Bedroom	3.57	1.41	Yes
127	1F:B02_Apt68_B_Bedroom 1	3.57	1.42	Yes
128	1F:B02_Apt68_B_Bedroom 2	3.57	1.38	Yes
129	1F:B02_Apt69_C_Bedroom 1	3.57	2.21	Yes
130	1F:B02_Apt69_C_Bedroom 2	3.57	2.31	Yes
131	1F:B02_Apt70_D_Bedroom 1	3.57	0.80	*Note 2
132	1F:B02_Apt70_D_Bedroom 2	3.57	0.90	*Note 2
133	1F:B02_Apt71_E_Bedroom 1	3.57	0.83	*Note 2
134	1F:B02_Apt71_E_Bedroom 2	3.57	0.95	*Note 2
135	1F:B02_Apt72_H_Bedroom 1	3.49	2.30	Yes
136	1F:B02_Apt72_H_Bedroom 2	3.49	2.47	Yes
137	1F:B02_Apt73_G_Bedroom 1	3.46	3.29	Yes
138	1F:B02_Apt73_G_Bedroom 2	3.57	4.32	Yes
139	1F:B02_Apt74_B_Bedroom 1	3.57	1.19	Yes
140	1F:B02_Apt74_B_Bedroom 2	3.57	1.57	Yes
141	2F:B02_Apt75_A_Bedroom	3.57	1.54	Yes
142	2F:B02_Apt76_B_Bedroom 1	3.57	1.57	Yes
143	2F:B02_Apt76_B_Bedroom 2	3.57	1.56	Yes
144	2F:B02_Apt77_C_Bedroom 1	3.57	2.47	Yes
145	2F:B02_Apt77_C_Bedroom 2	3.57	2.54	Yes
146	2F:B02_Apt78_D_Bedroom 1	3.57	0.91	*Note 2
147	2F:B02_Apt78_D_Bedroom 2	3.57	1.04	Yes
148	2F:B02_Apt79_E_Bedroom 1	3.57	0.93	*Note 2
149	2F:B02_Apt79_E_Bedroom 2	3.57	1.07	Yes
150	2F:B02_Apt80_H_Bedroom 1	3.49	2.41	Yes
151	2F:B02_Apt80_H_Bedroom 2	3.49	2.57	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
152	2F:B02_Apt81_G_Bedroom 1	3.46	3.32	Yes
153	2F:B02_Apt81_G_Bedroom 2	3.57	4.39	Yes
154	2F:B02_Apt82_B_Bedroom 1	3.57	1.26	Yes
155	2F:B02_Apt82_B_Bedroom 2	3.57	1.66	Yes
156	3F:B02_Apt83_A_Bedroom	3.57	1.65	Yes
157	3F:B02_Apt84_B_Bedroom 1	3.57	1.73	Yes
158	3F:B02_Apt84_B_Bedroom 2	3.57	1.67	Yes
159	3F:B02_Apt85_C_Bedroom 1	3.57	2.71	Yes
160	3F:B02_Apt85_C_Bedroom 2	3.57	2.77	Yes
161	3F:B02_Apt86_D_Bedroom 1	3.57	1.06	Yes
162	3F:B02_Apt86_D_Bedroom 2	3.57	1.21	Yes
163	3F:B02_Apt87_E_Bedroom 1	3.57	1.08	Yes
164	3F:B02_Apt87_E_Bedroom 2	3.57	1.25	Yes
165	3F:B02_Apt88_H_Bedroom 1	3.49	2.50	Yes
166	3F:B02_Apt88_H_Bedroom 2	3.49	2.71	Yes
167	3F:B02_Apt89_G_Bedroom 1	3.48	3.34	Yes
168	3F:B02_Apt89_G_Bedroom 2	3.57	4.35	Yes
169	3F:B02_Apt90_B_Bedroom 1	3.57	1.34	Yes
170	3F:B02_Apt90_B_Bedroom 2	3.57	1.74	Yes
171	4F:B02_Apt91_A_Bedroom	3.57	1.73	Yes
172	4F:B02_Apt92_B_Bedroom 1	3.57	1.83	Yes
173	4F:B02_Apt92_B_Bedroom 2	3.57	1.76	Yes
174	4F:B02_Apt93_C_Bedroom 1	3.57	2.89	Yes
175	4F:B02_Apt93_C_Bedroom 2	3.57	2.99	Yes
176	4F:B02_Apt94_D_Bedroom 1	3.57	1.21	Yes
177	4F:B02_Apt94_D_Bedroom 2	3.57	1.37	Yes
178	4F:B02_Apt95_E_Bedroom 1	3.57	1.21	Yes
179	4F:B02_Apt95_E_Bedroom 2	3.57	1.44	Yes
180	4F:B02_Apt96_H_Bedroom 1	3.49	2.61	Yes
181	4F:B02_Apt96_H_Bedroom 2	3.49	2.79	Yes
182	4F:B02_Apt97_G_Bedroom 1	3.48	3.37	Yes
183	4F:B02_Apt97_G_Bedroom 2	3.57	4.41	Yes
184	4F:B02_Apt98_B_Bedroom 1	3.57	1.39	Yes
185	4F:B02_Apt98_B_Bedroom 2	3.57	1.78	Yes
186	5F:B02_Apt99_A_Bedroom	3.57	2.51	Yes
187	5F:B02_Apt100_B_Bedroom 1	3.57	2.50	Yes
188	5F:B02_Apt100_B_Bedroom 2	3.57	2.54	Yes
189	5F:B02_Apt101_C_Bedroom 1	3.57	2.38	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
190	5F:B02_Apt101_C_Bedroom 2	3.57	2.37	Yes
191	5F:B02_Apt102_D_Bedroom 1	3.57	1.95	Yes
192	5F:B02_Apt102_D_Bedroom 2	3.57	2.28	Yes
193	5F:B02_Apt103_E_Bedroom 1	3.57	1.88	Yes
194	5F:B02_Apt103_E_Bedroom 2	3.57	2.33	Yes
195	5F:B02_Apt104_H_Bedroom 1	3.57	2.47	Yes
196	5F:B02_Apt104_H_Bedroom 2	3.57	2.55	Yes
197	5F:B02_Apt105_G_Bedroom 1	3.46	2.52	Yes
198	5F:B02_Apt105_G_Bedroom 2	3.57	3.46	Yes
199	5F:B02_Apt106_B_Bedroom 1	3.57	1.80	Yes
200	5F:B02_Apt106_B_Bedroom 2	3.57	2.55	Yes

Apartment Block 3 Kitchen/Living ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	Lgf:B 03_Apt01_Kit/Liv/Din	6.75	1.93	*Note 1
2	Lgf:B 03_Apt02_Kit/Liv/Din	7.84	2.44	Yes
3	Lgf:B 03_Apt04_Kit/Liv/Din	9.85	3.11	Yes
4	00:B 03_Apt17_Kit/Liv/Din	16.02	4.75	Yes
5	00:B 03_Apt18_Kit/Liv/Din	6.75	2.05	Yes
6	00:B 03_Apt19_Kit/Liv/Din	6.75	2.32	Yes
7	00:B 03_Apt20_Kit/Liv/Din	7.55	2.80	Yes
8	00:B 03_Apt21_Kit/Liv/Din	6.75	2.24	Yes
9	00:B 03_Apt22_Kit/Liv/Din	10.28	3.58	Yes
10	01:B 03_Apt23_Kit/Liv/Din	6.75	2.14	Yes
11	01:B 03_Apt24_Kit/Liv/Din	5.93	2.01	Yes
12	01:B 03_Apt25_Kit/Liv/Din	11.66	4.09	Yes
13	01:B 03_Apt26_Kit/Liv/Din	16.02	4.60	Yes
14	01:B 03_Apt27_Kit/Liv/Din	6.75	1.77	*Note 1
15	01:B 03_Apt28_Kit/Liv/Din	6.75	2.16	Yes
16	01:B 03_Apt29_Kit/Liv/Din	7.56	2.39	Yes
17	01:B 03_Apt30_Kit/Liv/Din	6.75	2.42	Yes
18	01:B 03_Apt31_Kit/Liv/Din	11.13	4.47	Yes
19	02:B 03_Apt32_Kit/Liv/Din	6.75	2.30	Yes
20	02:B 03_Apt33_Kit/Liv/Din	5.93	2.09	Yes
21	02:B 03_Apt34_Kit/Liv/Din	11.66	4.35	Yes
22	02:B 03_Apt35_Kit/Liv/Din	16.02	4.66	Yes
23	02:B 03_Apt36_Kit/Liv/Din	6.75	1.78	*Note 1
24	02:B 03_Apt37_Kit/Liv/Din	6.75	2.20	Yes
25	02:B 03_Apt38_Kit/Liv/Din	7.56	3.05	Yes
26	02:B 03_Apt39_Kit/Liv/Din	6.75	2.46	Yes
27	02:B 03_Apt40_Kit/Liv/Din	10.28	4.60	Yes
28	03:B 03_Apt41_Kit/Liv/Din	6.75	2.38	Yes
29	04:B 03_Apt41_Kit/Liv/Din	6.75	2.41	Yes
30	05:B 03_Apt41_Kit/Liv/Din	6.75	2.39	Yes
31	05:B 03_Apt42_Kit/Liv/Din	5.93	2.12	Yes
32	03:B 03_Apt42_Kit/Liv/Din	5.93	2.17	Yes
33	04:B 03_Apt42_Kit/Liv/Din	5.93	2.22	Yes
34	05:B 03_Apt43_Kit/Liv/Din	11.66	3.09	Yes
35	03:B 03_Apt43_Kit/Liv/Din	11.66	4.37	Yes
36	04:B 03_Apt43_Kit/Liv/Din	11.66	4.39	Yes
37	04:B 03_Apt44_Kit/Liv/Din	16.02	4.87	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
38	03:B 03_Apt44_Kit/Liv/Din	16.02	4.81	Yes
39	03:B 03_Apt45_Kit/Liv/Din	6.75	1.79	*Note 1
40	04:B 03_Apt45_Kit/Liv/Din	6.75	2.03	Yes
41	04:B 03_Apt46_Kit/Liv/Din	6.75	2.21	Yes
42	03:B 03_Apt46_Kit/Liv/Din	6.75	2.21	Yes
43	04:B 03_Apt47_Kit/Liv/Din	7.56	2.67	Yes
44	03:B 03_Apt47_Kit/Liv/Din	7.56	2.62	Yes
45	04:B 03_Apt48_Kit/Liv/Din	6.75	1.63	*Note 1
46	03:B 03_Apt48_Kit/Liv/Din	6.75	2.49	Yes
47	03:B 03_Apt49_Kit/Liv/Din	10.28	4.87	Yes
48	04:B 03_Apt49_Kit/Liv/Din	10.28	4.30	Yes
49	05:B 03_Apt49_Kit/Liv/Din	10.25	3.16	Yes
50	05:B 03_Apt53_Kit/Liv/Din	16.00	4.44	Yes
51	05:B 03_Apt54_Kit/Liv/Din	6.75	2.07	Yes
52	05:B 03_Apt55_Kit/Liv/Din	6.75	2.16	Yes
53	05:B 03_Apt56_Kit/Liv/Din	7.36	2.12	Yes
54	Lgf:B 03_Apt58_Kit/Liv/Din	9.85	2.62	Yes
55	Lgf:B 03_Apt60_Kit/Liv/Din	7.53	1.97	*Note 1
56	00:B 03_Apt67_Kit/Liv/Din	15.62	5.55	Yes
57	00:B 03_Apt68_Kit/Liv/Din	15.80	5.12	Yes
56	00:B 03_Apt70_Kit/Liv/Din	10.28	3.37	Yes
57	00:B 03_Apt71_Kit/Liv/Din	6.75	2.24	Yes
58	00:B 03_Apt72_Kit/Liv/Din	7.55	2.82	Yes
59	00:B 03_Apt73_Kit/Liv/Din	6.75	2.25	Yes
60	00:B 03_Apt73_Kit/Liv/Din	7.16	2.04	Yes
61	01:B 03_Apt73_Kit/Liv/Din	7.16	2.74	Yes
62	00:B 03_Apt75_Kit/Liv/Din	6.75	2.70	Yes
63	00:B 03_Apt76_Kit/Liv/Din	15.62	5.59	Yes
64	00:B 03_Apt77_Kit/Liv/Din	15.78	5.66	Yes
65	00:B 03_Apt78_Kit/Liv/Din	6.68	2.43	Yes
66	01:B 03_Apt79_Kit/Liv/Din	11.13	3.81	Yes
67	01:B 03_Apt80_Kit/Liv/Din	6.75	2.42	Yes
68	01:B 03_Apt81_Kit/Liv/Din	7.55	3.01	Yes
69	01:B 03_Apt82_Kit/Liv/Din	6.75	2.16	Yes
70	01:B 03_Apt84_Kit/Liv/Din	6.75	2.82	Yes
71	01:B 03_Apt85_Kit/Liv/Din	15.62	5.62	Yes
72	01:B 03_Apt86_Kit/Liv/Din	15.78	5.73	Yes
73	01:B 03_Apt86_Kit/Liv/Din	7.53	2.66	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
74	02:B 03_Apt86_Kit/Liv/Din	6.68	2.15	Yes
75	03:B 03_Apt86_Kit/Liv/Din	6.68	2.73	Yes
76	04:B 03_Apt86_Kit/Liv/Din	6.68	2.38	Yes
77	02:B 03_Apt88_Kit/Liv/Din	10.28	3.95	Yes
78	02:B 03_Apt89_Kit/Liv/Din	6.75	2.46	Yes
79	02:B 03_Apt90_Kit/Liv/Din	7.55	3.07	Yes
80	02:B 03_Apt91_Kit/Liv/Din	6.75	2.14	Yes
81	02:B 03_Apt92_Kit/Liv/Din	7.16	2.23	Yes
82	02:B 03_Apt93_Kit/Liv/Din	6.75	2.86	Yes
83	02:B 03_Apt94_Kit/Liv/Din	15.62	5.63	Yes
84	02:B 03_Apt95_Kit/Liv/Din	15.78	5.76	Yes
85	03:B 03_Apt97_Kit/Liv/Din	10.28	4.15	Yes
86	04:B 03_Apt97_Kit/Liv/Din	10.28	4.11	Yes
87	03:B 03_Apt98_Kit/Liv/Din	6.75	2.50	Yes
88	04:B 03_Apt98_Kit/Liv/Din	6.75	2.30	Yes
89	03:B 03_Apt99_Kit/Liv/Din	7.55	3.10	Yes
90	04:B 03_Apt99_Kit/Liv/Din	7.55	2.68	Yes
91	03:B 03_Apt100_Kit/Liv/Din	6.75	2.15	Yes
92	04:B 03_Apt100_Kit/Liv/Din	6.75	2.20	Yes
93	03:B 03_Apt101_Kit/Liv/Din	7.16	2.81	Yes
94	04:B 03_Apt101_Kit/Liv/Din	7.16	2.47	Yes
95	03:B 03_Apt102_Kit/Liv/Din	6.75	2.91	Yes
96	04:B 03_Apt102_Kit/Liv/Din	6.75	2.94	Yes
97	03:B 03_Apt103_Kit/Liv/Din	15.62	3.88	Yes
98	04:B 03_Apt103_Kit/Liv/Din	13.10	2.50	Yes
99	03:B 03_Apt104_Kit/Liv/Din	15.61	6.23	Yes
100	04:B 03_Apt104_Kit/Liv/Din	15.61	6.27	Yes
101	05:B 03_Apt106_Kit/Liv/Din	10.27	2.77	Yes
102	05:B 03_Apt107_Kit/Liv/Din	7.40	2.14	Yes
103	05:B 03_Apt108_Kit/Liv/Din	6.75	2.23	Yes
104	05:B 03_Apt109_Kit/Liv/Din	7.16	2.33	Yes
105	05:B 03_Apt110_Kit/Liv/Din	9.00	2.80	Yes
106	05:B 03_Apt111_Kit/Liv/Din	15.78	3.87	Yes
107	05:B 03_Apt112_Kit/Liv/Din	6.68	2.26	Yes

Apartment Block 3 Bedroom ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	Lgf:B 03_Apt01_Bedroom 01	3.57	1.96	Yes
2	Lgf:B 03_Apt02_Bedroom 01	3.57	2.03	Yes
3	Lgf:B 03_Apt03_Bedroom 01	6.68	2.99	Yes
4	Lgf:B 03_Apt03_Bedroom 02	2.32	1.98	Yes
5	Lgf:B 03_Apt04_Bedroom 01	3.57	1.85	Yes
6	Lgf:B 03_Apt04_Bedroom 02	3.57	2.07	Yes
7	05:B 03_Apt105_Bedroom 01	3.57	2.06	Yes
8	05:B 03_Apt105_Bedroom 02	3.57	2.94	Yes
9	05:B 03_Apt106_Bedroom 01	3.57	2.10	Yes
10	05:B 03_Apt106_Bedroom 02	3.57	2.93	Yes
11	05:B 03_Apt107_Bedroom 01	3.57	1.79	Yes
12	05:B 03_Apt107_Bedroom 02	3.57	2.48	Yes
13	05:B 03_Apt108_Bedroom 01	3.57	2.54	Yes
14	05:B 03_Apt109_Bedroom 01	3.57	2.17	Yes
15	05:B 03_Apt109_Bedroom 02	3.57	2.48	Yes
16	05:B 03_Apt110_Bedroom 01	3.48	1.81	Yes
17	05:B 03_Apt110_Bedroom 02	3.48	4.17	Yes
18	05:B 03_Apt110_Bedroom 03	3.48	2.85	Yes
19	05:B 03_Apt111_Bedroom 01	3.48	2.60	Yes
20	05:B 03_Apt111_Bedroom 02	3.48	2.61	Yes
21	05:B 03_Apt111_Bedroom 03	3.48	1.30	Yes
22	00:B 03_Apt14_Bedroom 01	3.57	2.01	Yes
23	00:B 03_Apt15_Bedroom 01	3.57	2.06	Yes
24	00:B 03_Apt16_Bedroom 01	3.60	2.72	Yes
25	00:B 03_Apt17_Bedroom 01	3.60	3.30	Yes
26	00:B 03_Apt17_Bedroom 02	3.60	3.31	Yes
27	00:B 03_Apt19_Bedroom 01	3.57	2.27	Yes
28	00:B 03_Apt20_Bedroom 01	3.57	1.99	Yes
29	00:B 03_Apt20_Bedroom 02	3.57	2.22	Yes
30	00:B 03_Apt21_Bedroom 01	3.60	2.13	Yes
31	00:B 03_Apt21_Bedroom 02	3.60	2.80	Yes
32	00:B 03_Apt22_Bedroom 01	3.57	1.94	Yes
33	00:B 03_Apt22_Bedroom 02	3.57	2.06	Yes
34	01:B 03_Apt23_Bedroom 01	3.57	2.02	Yes
35	01:B 03_Apt24_Bedroom 01	3.57	2.05	Yes
36	01:B 03_Apt25_Bedroom 01	3.60	3.14	Yes
37	01:B 03_Apt26_Bedroom 01	3.60	3.54	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
38	01:B 03_Apt26_Bedroom 02	3.60	3.54	Yes
39	01:B 03_Apt28_Bedroom 01	3.57	2.14	Yes
40	01:B 03_Apt29_Bedroom 01	3.57	1.84	Yes
41	01:B 03_Apt29_Bedroom 02	3.57	2.05	Yes
42	01:B 03_Apt30_Bedroom 01	3.60	2.55	Yes
43	01:B 03_Apt30_Bedroom 02	3.60	2.88	Yes
44	01:B 03_Apt31_Bedroom 01	3.57	1.92	Yes
45	01:B 03_Apt31_Bedroom 02	3.57	2.05	Yes
46	02:B 03_Apt32_Bedroom 01	3.57	2.14	Yes
47	02:B 03_Apt33_Bedroom 01	3.57	2.17	Yes
48	02:B 03_Apt34_Bedroom 01	3.60	3.23	Yes
49	02:B 03_Apt35_Bedroom 01	3.60	3.65	Yes
50	02:B 03_Apt35_Bedroom 02	3.60	3.61	Yes
51	02:B 03_Apt37_Bedroom 01	3.57	2.14	Yes
52	02:B 03_Apt38_Bedroom 01	3.57	1.86	Yes
53	02:B 03_Apt38_Bedroom 02	3.57	2.09	Yes
54	02:B 03_Apt39_Bedroom 01	3.60	2.64	Yes
55	02:B 03_Apt39_Bedroom 02	3.60	3.16	Yes
56	02:B 03_Apt40_Bedroom 01	3.57	2.03	Yes
57	02:B 03_Apt40_Bedroom 02	3.57	2.18	Yes
58	03:B 03_Apt41_Bedroom 01	3.57	2.25	Yes
59	03:B 03_Apt42_Bedroom 01	3.57	2.28	Yes
60	03:B 03_Apt43_Bedroom 01	3.60	3.26	Yes
61	03:B 03_Apt44_Bedroom 01	3.60	3.64	Yes
62	03:B 03_Apt44_Bedroom 02	3.60	3.66	Yes
63	03:B 03_Apt46_Bedroom 01	3.57	2.14	Yes
64	03:B 03_Apt47_Bedroom 01	3.57	1.86	Yes
65	03:B 03_Apt47_Bedroom 02	3.57	2.09	Yes
66	03:B 03_Apt48_Bedroom 01	3.60	2.72	Yes
67	03:B 03_Apt48_Bedroom 02	3.60	3.27	Yes
68	03:B 03_Apt49_Bedroom 01	3.57	2.12	Yes
69	03:B 03_Apt49_Bedroom 02	3.57	2.25	Yes
70	04:B 03_Apt41_Bedroom 01	3.57	2.28	Yes
71	04:B 03_Apt42_Bedroom 01	3.57	2.31	Yes
72	04:B 03_Apt43_Bedroom 01	3.60	3.28	Yes
73	04:B 03_Apt44_Bedroom 01	3.60	3.70	Yes
74	04:B 03_Apt44_Bedroom 02	3.60	3.67	Yes
75	04:B 03_Apt46_Bedroom 01	3.57	2.14	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
76	04:B 03_Apt47_Bedroom 01	3.57	1.88	Yes
77	04:B 03_Apt47_Bedroom 02	3.57	2.10	Yes
78	04:B 03_Apt48_Bedroom 01	3.60	2.02	Yes
79	04:B 03_Apt48_Bedroom 02	3.60	2.62	Yes
80	04:B 03_Apt49_Bedroom 01	3.57	2.13	Yes
81	04:B 03_Apt49_Bedroom 02	3.57	2.30	Yes
82	05:B 03_Apt41_Bedroom 01	3.57	2.61	Yes
83	05:B 03_Apt42_Bedroom 01	3.57	2.63	Yes
84	05:B 03_Apt43_Bedroom 01	3.60	2.32	Yes
85	05:B 03_Apt49_Bedroom 01	3.57	2.50	Yes
86	05:B 03_Apt49_Bedroom 02	3.57	2.86	Yes
87	05:B 03_Apt53_Bedroom 01	3.60	2.85	Yes
88	05:B 03_Apt53_Bedroom 02	3.60	2.80	Yes
89	05:B 03_Apt55_Bedroom 01	3.57	3.20	Yes
90	05:B 03_Apt56_Bedroom 01	3.57	2.18	Yes
91	05:B 03_Apt56_Bedroom 02	3.57	2.50	Yes
92	Lgf:B 03_Apt58_Bedroom 01	3.57	1.76	Yes
93	Lgf:B 03_Apt58_Bedroom 02	3.57	2.38	Yes
94	Lgf:B 03_Apt59_Bedroom 01	6.68	2.95	Yes
95	Lgf:B 03_Apt59_Bedroom 02	2.32	2.20	Yes
96	Lgf:B 03_Apt60_Bedroom 01	3.57	1.92	Yes
97	Lgf:B 03_Apt60_Bedroom 02	3.57	2.60	Yes
98	00:B 03_Apt67_Bedroom 01	3.48	2.69	Yes
99	00:B 03_Apt67_Bedroom 02	3.48	3.23	Yes
100	00:B 03_Apt67_Bedroom 03	3.48	4.24	Yes
101	00:B 03_Apt68_Bedroom 01	3.48	2.27	Yes
102	00:B 03_Apt68_Bedroom 02	3.48	2.41	Yes
103	00:B 03_Apt68_Bedroom 03	3.48	2.57	Yes
104	00:B 03_Apt70_Bedroom 01	3.57	1.76	Yes
105	00:B 03_Apt70_Bedroom 02	3.57	2.28	Yes
106	00:B 03_Apt71_Bedroom 01	3.60	1.57	Yes
107	00:B 03_Apt71_Bedroom 02	3.60	2.88	Yes
108	00:B 03_Apt72_Bedroom 01	3.57	2.03	Yes
109	00:B 03_Apt72_Bedroom 02	3.57	2.31	Yes
110	00:B 03_Apt73_Bedroom 01	3.57	2.38	Yes
111	00:B 03_Apt74_Bedroom 01	3.57	1.95	Yes
112	00:B 03_Apt74_Bedroom 02	3.57	2.23	Yes
113	00:B 03_Apt75_Bedroom 01	3.57	2.29	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
114	00:B 03_Apt76_Bedroom 01	3.48	2.93	Yes
115	00:B 03_Apt76_Bedroom 02	3.48	3.42	Yes
116	00:B 03_Apt76_Bedroom 03	3.48	4.68	Yes
117	00:B 03_Apt77_Bedroom 01	3.48	2.15	Yes
118	00:B 03_Apt77_Bedroom 02	3.48	2.29	Yes
119	00:B 03_Apt77_Bedroom 03	3.48	2.67	Yes
120	00:B 03_Apt78_Bedroom 01	3.57	1.93	Yes
121	00:B 03_Apt78_Bedroom 02	3.57	2.40	Yes
122	01:B 03_Apt79_Bedroom 01	3.57	1.75	Yes
123	01:B 03_Apt79_Bedroom 02	3.57	2.19	Yes
124	01:B 03_Apt80_Bedroom 01	3.60	1.75	Yes
125	01:B 03_Apt80_Bedroom 02	3.60	3.31	Yes
126	01:B 03_Apt81_Bedroom 01	3.57	1.60	Yes
127	01:B 03_Apt81_Bedroom 02	3.57	2.17	Yes
128	01:B 03_Apt82_Bedroom 01	3.57	2.23	Yes
129	01:B 03_Apt83_Bedroom 01	3.57	1.83	Yes
130	01:B 03_Apt83_Bedroom 02	3.57	2.05	Yes
131	01:B 03_Apt84_Bedroom 01	3.57	2.13	Yes
132	01:B 03_Apt85_Bedroom 01	3.48	2.96	Yes
133	01:B 03_Apt85_Bedroom 02	3.48	3.47	Yes
134	01:B 03_Apt85_Bedroom 03	3.48	4.77	Yes
135	01:B 03_Apt86_Bedroom 01	3.48	2.20	Yes
136	01:B 03_Apt86_Bedroom 02	3.48	2.33	Yes
137	01:B 03_Apt86_Bedroom 03	3.48	2.69	Yes
138	01:B 03_Apt87_Bedroom 01	3.57	1.84	Yes
139	01:B 03_Apt87_Bedroom 02	3.57	2.26	Yes
140	02:B 03_Apt88_Bedroom 01	3.57	1.83	Yes
141	02:B 03_Apt88_Bedroom 02	3.57	2.29	Yes
142	02:B 03_Apt89_Bedroom 01	3.60	1.84	Yes
143	02:B 03_Apt89_Bedroom 02	3.60	3.47	Yes
144	02:B 03_Apt90_Bedroom 01	3.57	1.97	Yes
145	02:B 03_Apt90_Bedroom 02	3.57	2.21	Yes
146	02:B 03_Apt91_Bedroom 01	3.57	2.16	Yes
147	02:B 03_Apt92_Bedroom 01	3.57	1.84	Yes
148	02:B 03_Apt92_Bedroom 02	3.57	2.09	Yes
149	02:B 03_Apt93_Bedroom 01	3.57	2.15	Yes
150	02:B 03_Apt94_Bedroom 01	3.48	2.99	Yes
151	02:B 03_Apt94_Bedroom 02	3.48	3.49	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
152	02:B 03_Apt94_Bedroom 03	3.48	4.83	Yes
153	02:B 03_Apt95_Bedroom 01	3.48	2.08	Yes
154	02:B 03_Apt95_Bedroom 02	3.48	2.19	Yes
155	02:B 03_Apt95_Bedroom 03	3.48	2.73	Yes
156	02:B 03_Apt96_Bedroom 01	3.57	1.89	Yes
157	02:B 03_Apt96_Bedroom 02	3.57	2.34	Yes
158	03:B 03_Apt97_Bedroom 01	3.57	1.91	Yes
159	03:B 03_Apt97_Bedroom 02	3.57	2.36	Yes
160	04:B 03_Apt97_Bedroom 01	3.57	1.91	Yes
161	04:B 03_Apt97_Bedroom 02	3.57	2.36	Yes
162	03:B 03_Apt98_Bedroom 02	3.60	3.38	Yes
163	03:B 03_Apt98_Bedroom 01	3.60	1.91	Yes
164	04:B 03_Apt98_Bedroom 01	3.60	1.32	Yes
165	04:B 03_Apt98_Bedroom 02	3.60	2.90	Yes
166	03:B 03_Apt99_Bedroom 01	3.57	1.64	Yes
167	03:B 03_Apt99_Bedroom 02	3.57	2.21	Yes
168	04:B 03_Apt99_Bedroom 01	3.57	1.66	Yes
169	04:B 03_Apt99_Bedroom 02	3.57	2.23	Yes
170	03:B 03_Apt100_Bedroom 01	3.57	2.18	Yes
171	04:B 03_Apt100_Bedroom 01	3.57	2.28	Yes
172	03:B 03_Apt101_Bedroom 01	3.57	1.87	Yes
173	03:B 03_Apt101_Bedroom 02	3.57	2.28	Yes
174	04:B 03_Apt101_Bedroom 01	3.57	1.86	Yes
175	04:B 03_Apt101_Bedroom 02	3.57	2.08	Yes
176	03:B 03_Apt102_Bedroom 01	3.57	2.15	Yes
177	04:B 03_Apt102_Bedroom 01	3.57	2.18	Yes
178	03:B 03_Apt103_Bedroom 01	3.48	2.17	Yes
179	03:B 03_Apt103_Bedroom 02	3.48	2.68	Yes
180	03:B 03_Apt103_Bedroom 03	3.48	5.03	Yes
181	04:B 03_Apt103_Bedroom 01	3.60	2.26	Yes
182	04:B 03_Apt103_Bedroom 02	3.60	2.25	Yes
183	03:B 03_Apt104_Bedroom 01	3.48	2.10	Yes
184	03:B 03_Apt104_Bedroom 02	3.48	2.23	Yes
185	03:B 03_Apt104_Bedroom 03	1.87	2.72	Yes
186	04:B 03_Apt104_Bedroom 01	3.57	2.01	Yes
187	04:B 03_Apt104_Bedroom 02	3.57	2.20	Yes
188	03:B 03_Apt105_Bedroom 01	3.57	1.79	Yes
189	03:B 03_Apt105_Bedroom 02	3.57	2.21	Yes
190	04:B 03_Apt105_Bedroom 01	3.57	1.78	Yes
191	04:B 03_Apt105_Bedroom 02	3.57	2.21	Yes

Neighbourhood Centre Kitchen/Living ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	1F:NC01_Apt01_B_Kitchen/Dining/Living	6.75	2.06	Yes
2	1F:NC01_Apt02_A2_Kitchen/Dining/Living	13.04	4.80	Yes
3	1F:NC01_Apt03_D_Kitchen/Dining/Living	15.55	4.46	Yes
4	1F:NC01_Apt04_A_Kitchen/Dining/Living	6.75	2.52	Yes
5	1F:NC01_Apt05_A1_Kitchen/Dining/Living	6.75	2.46	Yes
6	1F:NC01_Apt06_C_Kitchen/Dining/Living	6.75	2.78	Yes
7	1F:NC01_Apt07_D1_Kitchen/Dining/Living	15.00	4.85	Yes
8	1F:NC01_Apt08_A1_Kitchen/Dining/Living	13.08	5.67	Yes
9	1F:NC01_Apt09_B_Kitchen/Dining/Living	6.75	2.05	Yes
10	2F:NC01_Apt10_B_Kitchen/Dining/Living	6.75	1.93	*Note 1
11	2F:NC01_Apt11_A2_Kitchen/Dining/Living	13.04	5.52	Yes
12	2F:NC01_Apt12_D_Kitchen/Dining/Living	15.55	4.66	Yes
13	2F:NC01_Apt13_A_Kitchen/Dining/Living	6.75	2.64	Yes
14	2F:NC01_Apt14_A1_Kitchen/Dining/Living	6.75	2.56	Yes
15	2F:NC01_Apt15_C_Kitchen/Dining/Living	6.75	2.90	Yes
16	2F:NC01_Apt16_D1_Kitchen/Dining/Living	15.01	4.94	Yes
17	2F:NC01_Apt17_A1_Kitchen/Dining/Living	13.08	6.23	Yes
18	2F:NC01_Apt18_B_Kitchen/Dining/Living	6.75	1.92	*Note 1
19	3F:NC01_Apt19_B_Kitchen/Dining/Living	6.75	1.95	*Note 1
20	3F:NC01_Apt20_A2_Kitchen/Dining/Living	13.04	5.78	Yes
21	3F:NC01_Apt21_D_Kitchen/Dining/Living	15.55	4.80	Yes
22	3F:NC01_Apt22_A_Kitchen/Dining/Living	6.75	2.66	Yes
23	3F:NC01_Apt23_A1_Kitchen/Dining/Living	6.75	2.59	Yes
24	3F:NC01_Apt24_C_Kitchen/Dining/Living	6.75	2.95	Yes
25	3F:NC01_Apt25_D1_Kitchen/Dining/Living	15.01	4.98	Yes
26	3F:NC01_Apt26_A1_Kitchen/Dining/Living	13.08	6.30	Yes
27	3F:NC01_Apt27_B_Kitchen/Dining/Living	6.75	1.92	*Note 1
28	4F:NC01_Apt28_B_Kitchen/Dining/Living	6.75	2.03	Yes
29	4F:NC01_Apt29_A2_Kitchen/Dining/Living	13.04	4.26	Yes
30	4F:NC01_Apt30_D_Kitchen/Dining/Living	15.55	4.15	Yes
31	4F:NC01_Apt31_A_Kitchen/Dining/Living	6.75	2.44	Yes
32	4F:NC01_Apt32_A1_Kitchen/Dining/Living	6.75	2.38	Yes
33	4F:NC01_Apt33_C_Kitchen/Dining/Living	6.75	1.94	*Note 1
34	4F:NC01_Apt34_D1_Kitchen/Dining/Living	15.01	4.20	Yes
35	4F:NC01_Apt35_A1_Kitchen/Dining/Living	13.08	4.46	Yes
36	4F:NC01_Apt36_B_Kitchen/Dining/Living	6.75	2.03	Yes
37	1F:NC02_Apt01_E_Kitchen/Dining/Living	6.75	2.43	Yes
38	1F:NC02_Apt02_F_Kitchen/Dining/Living	13.13	4.77	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
39	1F:NC02_Apt03_B_Kitchen/Dining/Living	6.75	1.96	*Note 1
40	1F:NC02_Apt04_B1_Kitchen/Dining/Living	6.75	2.04	Yes
41	1F:NC02_Apt05_A4_Kitchen/Dining/Living	12.97	5.03	Yes
42	1F:NC02_Apt06_A3_Kitchen/Dining/Living	13.09	5.69	Yes
43	2F:NC02_Apt07_E_Kitchen/Dining/Living	6.75	2.78	Yes
44	2F:NC02_Apt08_F_Kitchen/Dining/Living	13.13	5.11	Yes
45	2F:NC02_Apt09_B_Kitchen/Dining/Living	6.75	1.78	*Note 1
46	2F:NC02_Apt10_B1_Kitchen/Dining/Living	6.75	1.86	*Note 1
47	2F:NC02_Apt11_A4_Kitchen/Dining/Living	12.97	5.71	Yes
48	2F:NC02_Apt12_A3_Kitchen/Dining/Living	13.09	6.52	Yes
49	3F:NC02_Apt13_E_Kitchen/Dining/Living	6.75	2.90	Yes
50	3F:NC02_Apt14_F_Kitchen/Dining/Living	13.13	5.19	Yes
51	3F:NC02_Apt15_B_Kitchen/Dining/Living	6.75	1.93	*Note 1
52	3F:NC02_Apt16_B1_Kitchen/Dining/Living	6.75	2.02	Yes
53	3F:NC02_Apt17_A4_Kitchen/Dining/Living	12.97	5.77	Yes
54	3F:NC02_Apt18_A3_Kitchen/Dining/Living	13.09	6.56	Yes
55	4F:NC02_Apt19_E_Kitchen/Dining/Living	6.75	2.63	Yes
56	4F:NC02_Apt20_F_Kitchen/Dining/Living	13.13	3.63	Yes
57	4F:NC02_Apt21_B_Kitchen/Dining/Living	6.75	2.86	Yes
58	4F:NC02_Apt22_B1_Kitchen/Dining/Living	6.75	2.91	Yes
59	4F:NC02_Apt23_A4_Kitchen/Dining/Living	12.97	4.09	Yes
60	4F:NC02_Apt24_A3_Kitchen/Dining/Living	13.09	6.15	Yes
61	4F:NC02_Apt25_G_Kitchen/Dining/Living	7.79	2.08	Yes
62	4F:NC02_Apt26_H_Kitchen/Dining/Living	13.50	4.23	Yes
63	4F:NC02_Apt27_I_Kitchen/Dining/Living	5.29	2.17	Yes

Neighbourhood Centre Bedroom ADF Results

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
1	1F:NC02_Apt01_E_Bedroom 1	6.53	4.61	Yes
2	1F:NC02_Apt01_E_Bedroom 2	3.26	1.40	Yes
3	1F:NC02_Apt02_F_Bedroom 1	3.26	1.64	Yes
4	1F:NC02_Apt02_F_Bedroom 2	3.26	2.23	Yes
5	1F:NC02_Apt03_B_Bedroom	3.26	2.76	Yes
6	1F:NC02_Apt04_B1_Bedroom	3.26	2.37	Yes
7	1F:NC02_Apt05_A4_Bedroom 1	3.26	1.39	Yes
8	1F:NC02_Apt05_A4_Bedroom 2	3.26	1.61	Yes
9	1F:NC02_Apt06_A3_Bedroom 1	3.26	1.34	Yes
10	1F:NC02_Apt06_A3_Bedroom 2	3.26	1.60	Yes
11	2F:NC02_Apt07_E_Bedroom 1	6.53	4.55	Yes
12	2F:NC02_Apt07_E_Bedroom 2	3.26	1.24	Yes
13	2F:NC02_Apt08_F_Bedroom 1	3.26	1.52	Yes
14	2F:NC02_Apt08_F_Bedroom 2	3.26	2.11	Yes
15	2F:NC02_Apt09_B_Bedroom	3.26	3.11	Yes
16	2F:NC02_Apt10_B1_Bedroom	3.26	2.66	Yes
17	2F:NC02_Apt11_A4_Bedroom 1	3.26	1.41	Yes
18	2F:NC02_Apt11_A4_Bedroom 2	3.26	1.60	Yes
19	2F:NC02_Apt12_A3_Bedroom 1	3.26	1.29	Yes
20	2F:NC02_Apt12_A3_Bedroom 2	3.26	1.57	Yes
21	3F:NC02_Apt13_E_Bedroom 1	6.53	4.58	Yes
22	3F:NC02_Apt13_E_Bedroom 2	3.26	1.26	Yes
23	3F:NC02_Apt14_F_Bedroom 1	3.26	1.55	Yes
24	3F:NC02_Apt14_F_Bedroom 2	3.26	2.16	Yes
25	3F:NC02_Apt15_B_Bedroom	3.26	3.26	Yes
26	3F:NC02_Apt16_B1_Bedroom	3.26	2.76	Yes
27	3F:NC02_Apt17_A4_Bedroom 1	3.26	1.48	Yes
28	3F:NC02_Apt17_A4_Bedroom 2	3.26	1.66	Yes
29	3F:NC02_Apt18_A3_Bedroom 1	3.26	1.30	Yes
30	3F:NC02_Apt18_A3_Bedroom 2	3.26	1.57	Yes
31	4F:NC02_Apt19_E_Bedroom 1	6.53	5.56	Yes
32	4F:NC02_Apt19_E_Bedroom 2	3.26	2.24	Yes
33	4F:NC02_Apt20_F_Bedroom 1	3.26	2.23	Yes
34	4F:NC02_Apt20_F_Bedroom 2	3.26	2.96	Yes
35	4F:NC02_Apt21_B_Bedroom	3.26	3.48	Yes
36	4F:NC02_Apt22_B1_Bedroom	3.26	2.87	Yes
37	4F:NC02_Apt23_A4_Bedroom 1	3.26	2.27	Yes
38	4F:NC02_Apt23_A4_Bedroom 2	3.26	2.53	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
39	4F:NC02_Apt24_A3_Bedroom 1	3.26	2.18	Yes
40	4F:NC02_Apt24_A3_Bedroom 2	3.26	2.71	Yes
41	4F:NC02_Apt25_G_Bedroom 1	6.53	6.00	Yes
42	4F:NC02_Apt25_G_Bedroom 2	3.26	2.61	Yes
43	4F:NC02_Apt25_G_Bedroom 3	1.91	1.11	Yes
44	4F:NC02_Apt26_H_Bedroom 1	3.26	2.62	Yes
45	4F:NC02_Apt26_H_Bedroom 2	3.26	2.33	Yes
46	4F:NC02_Apt26_H_Bedroom 3	3.26	2.13	Yes
47	4F:NC02_Apt27_I_Bedroom 1	3.26	1.92	Yes
48	4F:NC02_Apt27_I_Bedroom 2	3.26	1.98	Yes
49	4F:NC02_Apt27_I_Bedroom 3	3.26	1.96	Yes
50	1F:NC01_Apt01_B_Bedroom	3.26	3.00	Yes
51	1F:NC01_Apt02_A2_Bedroom	3.26	1.78	Yes
52	1F:NC01_Apt02_A2_Bedroom 2	3.26	1.80	Yes
53	1F:NC01_Apt03_D_Bedroom 1	3.26	1.74	Yes
54	1F:NC01_Apt03_D_Bedroom 2	3.26	1.60	Yes
55	1F:NC01_Apt04_A_Bedroom 1	3.26	1.64	Yes
56	1F:NC01_Apt04_A_Bedroom 2	3.26	1.71	Yes
57	1F:NC01_Apt05_A1_Bedroom 1	3.26	1.68	Yes
58	1F:NC01_Apt05_A1_Bedroom 2	3.26	1.69	Yes
59	1F:NC01_Apt06_C_Bedroom 1	3.26	1.31	Yes
60	1F:NC01_Apt06_C_Bedroom 2	3.26	1.74	Yes
61	1F:NC01_Apt07_D1_Bedroom 1	3.26	2.22	Yes
62	1F:NC01_Apt07_D1_Bedroom 2	3.26	2.05	Yes
63	1F:NC01_Apt08_A1_Bedroom 1	3.26	1.79	Yes
64	1F:NC01_Apt08_A1_Bedroom 2	3.26	1.80	Yes
65	1F:NC01_Apt09_B_Bedroom	3.26	3.03	Yes
66	2F:NC01_Apt10_B_Bedroom	3.26	3.17	Yes
67	2F:NC01_Apt11_A2_Bedroom	3.26	1.64	Yes
68	2F:NC01_Apt11_A2_Bedroom 2	3.26	1.63	Yes
69	2F:NC01_Apt12_D_Bedroom 1	3.26	2.23	Yes
70	2F:NC01_Apt12_D_Bedroom 2	3.26	2.02	Yes
71	2F:NC01_Apt13_A_Bedroom 1	3.26	1.49	Yes
72	2F:NC01_Apt13_A_Bedroom 2	3.26	1.58	Yes
73	2F:NC01_Apt14_A1_Bedroom 1	3.26	1.56	Yes
74	2F:NC01_Apt14_A1_Bedroom 2	3.26	1.55	Yes
75	2F:NC01_Apt15_C_Bedroom 1	3.26	1.20	Yes
76	2F:NC01_Apt15_C_Bedroom 2	3.26	1.58	Yes
77	2F:NC01_Apt16_D1_Bedroom 1	3.26	2.98	Yes
78	2F:NC01_Apt16_D1_Bedroom 2	3.26	2.57	Yes

Reference Number	Room Name	External Window Area (m ²)	% ADF	Achieves the BRE Best Practice Guidelines
79	2F:NC01_Apt17_A1_Bedroom 1	3.26	1.66	Yes
80	2F:NC01_Apt17_A1_Bedroom 2	3.26	1.63	Yes
81	2F:NC01_Apt18_B_Bedroom	3.26	3.15	Yes
82	3F:NC01_Apt19_B_Bedroom	3.26	3.22	Yes
83	3F:NC01_Apt20_A2_Bedroom	3.26	1.64	Yes
84	3F:NC01_Apt20_A2_Bedroom 2	3.26	1.65	Yes
85	3F:NC01_Apt21_D_Bedroom 1	3.26	2.58	Yes
86	3F:NC01_Apt21_D_Bedroom 2	3.26	2.29	Yes
87	3F:NC01_Apt22_A_Bedroom 1	3.26	1.37	Yes
88	3F:NC01_Apt22_A_Bedroom 2	3.26	1.42	Yes
89	3F:NC01_Apt23_A1_Bedroom 1	3.26	1.56	Yes
90	3F:NC01_Apt23_A1_Bedroom 2	3.26	1.55	Yes
91	3F:NC01_Apt24_C_Bedroom 1	3.26	1.22	Yes
92	3F:NC01_Apt24_C_Bedroom 2	3.26	1.58	Yes
93	3F:NC01_Apt25_D1_Bedroom 1	3.26	3.05	Yes
94	3F:NC01_Apt25_D1_Bedroom 2	3.26	2.65	Yes
95	3F:NC01_Apt26_A1_Bedroom 1	3.26	1.64	Yes
96	3F:NC01_Apt26_A1_Bedroom 2	3.26	1.65	Yes
97	3F:NC01_Apt27_B_Bedroom	3.26	3.21	Yes
98	4F:NC01_Apt28_B_Bedroom	3.26	2.56	Yes
99	4F:NC01_Apt29_A2_Bedroom	3.26	2.09	Yes
100	4F:NC01_Apt29_A2_Bedroom 2	3.26	2.15	Yes
101	4F:NC01_Apt30_D_Bedroom 1	3.26	2.18	Yes
102	4F:NC01_Apt30_D_Bedroom 2	3.26	1.92	Yes
103	4F:NC01_Apt31_A_Bedroom 1	3.26	2.13	Yes
104	4F:NC01_Apt31_A_Bedroom 2	3.26	2.15	Yes
105	4F:NC01_Apt32_A1_Bedroom 1	3.26	2.18	Yes
106	4F:NC01_Apt32_A1_Bedroom 2	3.26	2.23	Yes
107	4F:NC01_Apt33_C_Bedroom 1	3.26	1.55	Yes
108	4F:NC01_Apt33_C_Bedroom 2	3.26	2.14	Yes
109	4F:NC01_Apt34_D1_Bedroom 1	3.26	2.42	Yes
110	4F:NC01_Apt34_D1_Bedroom 2	3.26	2.12	Yes
111	4F:NC01_Apt35_A1_Bedroom 1	3.26	2.11	Yes
112	4F:NC01_Apt35_A1_Bedroom 2	3.26	2.15	Yes
113	4F:NC01_Apt36_B_Bedroom	3.26	2.53	Yes

***Note 1:** The room achieves the BRE Target ADF for Living Room spaces (for example, not a combined kitchen/living room space) of 1.50%. The result achieved is only marginally below the BRE Target value for kitchen/living room spaces (2.00%).

***Note 2:** The room does not achieve the recommended BRE ADF target value.