

Daylight, Sunlight & Overshadowing Report

Blackglen Road Residential Development

Project No. K455

24th August 2022



Daylight, Sunlight & Overshadowing Report



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DOCUMENT CONTROL & HISTORY

OCSC Job No.: K455		Project Code	Originator Code	Zone Code	Level Code	File Type	Role Type	Number Series	Status/ Suitability Code	Revision
		K455	OCSC	XX	XX	RP	YS	0002	S4	P05
Rev.	Status	Authors	Checked	Authorised	Issue Date					
5	For Submission	CN/JS	MT	MT	24/08/2022					
4	For Comment	CN/JS	MT	MT	19/08/2022					
3	For Submission	VY	MT	MT	14/06/2022					
2	For Planning	CA	PF	PF	14/10/2021					
1	For Comment	CA	PF	PF	17/09/2021					

EXECUTIVE SUMMARY

OCSC have been appointed to carry out a Daylight, Sunlight & Overshadowing study for the Blackglen Road development located at Blackglen Road, Sandyford, Dublin 18.

The aim of the study is to record and analyse the results for the following:

- The daylight levels within the living, kitchen and bedroom areas of all apartments, to give an indication of the expected daylight levels throughout the proposed development;
- The expected sunlight levels within the living, kitchen and bedrooms areas within the proposed development;
- The quality of amenity space, being provided as part of the development, in relation to sunlight;
- Any potential daylight or sunlight impact the proposed development may have on properties adjacent to the site.

It is important to note that the performance targets which are included should be used with a degree of flexibility as per the extract below from the BRE Guide:

"The advice given here is not mandatory and this document 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 because natural lighting is only one of the many factors in site layout design."

Internal daylight within the proposed development

The analysis confirms that across the entire development excellent levels of internal daylight are achieved. The majority of apartments not only meet but greatly exceed the recommendations outlined within the BRE Guidelines and British Standard BS8206 (2011 Methodology), achieving a 99.3% compliance rate across the proposed apartments. Similarly, when compared against the 2022 Methodology, third edition of the same document, a pass rate of 94.5% has been achieved across the development.

Sunlight to proposed development amenity spaces

In terms of sunlight access, excellent levels of sunlight are experienced across the proposed development. The communal amenity spaces provided exceed the BRE guidelines for sunlight on the test day of 21st of March.

Sunlight to windows within the proposed development

The annual probable sunlight hours assessment has shown that 60% of windows across the development achieve the recommended APSH values stated in the BRE Guidelines, while 62% of windows achieve the recommended values during the winter months, when sunlight is more valuable.

Impact to surrounding properties

The analysis also shows that the proposed building has imperceptible daylight and sunlight to windows impact to neighbouring properties.

The overshadowing images have demonstrated that the only impact to adjacent properties will be to those located to the East of the proposed development. A minimal impact will be perceived on March 21st after 3 PM.

Daylight and sunlight in the proposed development were assessed under two methodologies:

- 1) The British Research Establishments "Site Layout Planning for Daylight and Sunlight: A Good Practice Guide" by PJ Littlefair, 2011 Second Edition.
- 2) The British Research Establishment's "Site Layout Planning for Daylight and Sunlight: A Good Practice Guide" by PJ Littlefair, 2022 Third Edition.

DAYLIGHT/SUNLIGHT REPORT

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1. INTRODUCTION

OCSC have been appointed to carry out a Daylight, Sunlight & Overshadowing study for the Blackglen Road residential development located at Blackglen Road, Sandyford, Dublin 18.

The aim of the study is to record and analyse the results for the following:

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- 2) The British Research Establishment's "Site Layout Planning for Daylight and Sunlight: A Good Practice Guide" by PJ Littlefair, 2022 Third Edition.

2. SITE DESCRIPTION

The development shall consist of a new residential scheme comprising 360 no. residential units, associated resident amenity facilities and a childcare facility in the form of 9 no. new apartment buildings (A1 – C3) as follows:

- Block A1 (4 storeys) comprising 18 no. apartments (3 no. 1 bed units and 15 no. 2 bed units); a crèche facility of approx. 401 sq. m with associated outdoor play space of approx. 20 sq. m; and resident amenity facilities of approx. 30 sq. m.
- Block A2 (3-4 storeys) comprising 24 no. apartments (2 no. 1 bed units and 22 no. 2 bed units) and resident amenity facilities of approx. 390 sq.m.
- Blocks B1 and B2 (2-6 storeys) comprising 69 no. apartments (30 no. 1 bed units, 34 no. 2 bed units, 5 no. 3 bed units).
- Blocks B3 and B4 (2-6 storeys) comprising 62 no. apartments (30 no. 1 bed units, 27 no. 2 bed units and 5 no. 3 bed units).
- Blocks C1, C2 and C3 (3-6 storeys) comprising 187 no. apartments (58 no. 1 bed units, 126 no. 2 bed units and 3 no. 3 bed units); and resident amenity facilities of approx. 187.5 sq. m.

Each residential unit is afforded with associated private open space in the form of a terrace / balcony.

Total Open space (approx. 22,033 sq. m) is proposed in the form of public open space (approx. 17,025 sq. m), and residential communal open space (approx. 5,008 sq. m).

Podium level / basement level areas are proposed adjacent to / below Blocks A2, B1, B2, B3, B4, C1, C2 and C3 (approx. 12,733 sq. m GFA). A total of 419 no. car parking spaces (319 no. at podium/basement level and 100 no. at surface level); to include 80 no. electric power points and 26 no. accessible parking spaces; and 970 no. bicycle spaces (740 no. long term and 230 no. short term), and 19 no. Motorcycle spaces are proposed. 10 no. car spaces for creche use are proposed at surface level.

Vehicular/pedestrian and cyclist access to the development will be provided via Blackglen Road to tie in with the Blackglen Road Improvement Scheme. A second access is also proposed via Woodside Road but this access will be for emergency vehicles and pedestrian and cyclist access only.

The proposal also provides for Bin Storage areas and 4 No. ESBN substations to supply the development. 3 no. sub-stations shall be integrated within the building structures of Blocks B and Blocks C. In addition, one Sub-station shall be classed as a unit sub-station mounted externally on a dedicated plinth.

The associated site and infrastructural works include provision for water services; foul and surface water drainage and connections; attenuation proposals; permeable paving; all landscaping works; green roofs; boundary treatment; internal roads and footpaths; electrical services; and all associated site development works.



Figure 1 - Proposed Site Plan

3. RELEVANT PLANNING POLICIES

The following planning policies have been used as a point of reference within the daylight and sunlight assessment for the proposed development.

Relevant Planning Policy Number 1

The **Sustainable Urban Housing: Design Standards for New Apartments – Guidelines for Planning Authorities (December 2020)** outlines that *“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.”* They also outline that *“where an applicant cannot fully meet all of the requirements of the daylight provisions above, this must be clearly identified and a rationale for any alternative, compensatory design solutions must be set out, which planning authorities should apply their discretion in accepting taking account of its assessment of specific. This may arise due to a design constraint associated with the site or location and the balancing of that assessment against the desirability of achieving wider planning objectives. Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solution.”*

Relevant Planning Policy Number 2

The **Sustainable Residential Development in Urban Areas, DoEHLG 2009** outlines that *“Overshadowing will generally only cause problems where buildings of significant height are involved or where new buildings are located very close to adjoining buildings. Planning authorities should require that daylight and shadow projection diagrams be submitted in all such proposals. The recommendations of ‘Site Layout Planning for Daylight and Sunlight: A Guide to good Practice’ (BRE 1991) or BS 8206 ‘Lighting for Buildings, Part 2 1992: Code of Practice for Daylighting’ should be followed in this regard.”*

Relevant Planning Policy Number 3

The **Urban Development and Building Heights – Guidelines for Planning Authorities (March 2018)** outlines the following

“At the scale of the site/building

- The form, massing and height of proposed developments should be carefully modulated so as to maximise access to natural daylight, ventilation and views and minimise overshadowing and loss of light.*
- Appropriate and reasonable regard should be taken of quantitative performance approaches to daylight provision outlined in guides like the Building Research Establishment’s ‘Site Layout Planning for Daylight and Sunlight’ (2nd edition) or BS 8206-2: 2008 – ‘Lighting for Buildings – Part 2: Code of Practice for Daylighting’.*
- Where a proposal may not be able to fully meet all the requirements of the daylight provisions above, this must be clearly identified and a rationale for any alternative, compensatory design solutions must be set out, in respect of which the planning authority or An Bord Pleanála should apply their discretion, having regard to local factors including specific site constraints and the balancing of that assessment against the desirability of achieving wider planning objectives. Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solution.”*

4. BRE GUIDELINES FOR DAYLIGHT AND SUNLIGHT

4.1. ASSESSMENT CRITERIA – INTERNAL DAYLIGHT (2011 METHODOLOGY)

The analysis of the development's potential and the quality of amenity for the new development, as well as for the surrounding properties once the scheme has been implemented, has been based on the Building Research Establishment (BRE) guidelines on "Site Layout Planning for Daylight and Sunlight. A Guide to Good Practice (Building Research Establishment Report, 2011)."

These guidelines provide the criteria and methodology for calculations pertaining to daylight and sunlight, and is the primary reference for this matter. The guide gives simple rules for analysing sites where the geometry of the surroundings is straightforward, supplementing them with graphical methods for complex sites.

However, it is important to note that the performance targets which are included should be used with a degree of flexibility as per the extract below from the BRE Guide:

"The advice given here is not mandatory and this document 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 because natural lighting is only one of the many factors in site layout design."

BRE Guidelines refers to BS 8206¹ "Lighting for Buildings, Part 2 1992: Code of Practice for Daylighting" for guidance on the recommended internal daylight levels.

¹ The British Standard BS 8206: Part 2 (BS8206-02) has been withdrawn and replaced with a third edition of the standard, referenced as the 2022 Methodology throughout this report. However, since the BRE Guidelines and some planning policy guidelines continue to make reference to the BS 8206, this standard has been used throughout the report.

4.2. ASSESSMENT CRITERIA – INTERNAL DAYLIGHT (2022 METHODOLOGY)

A daylight analysis, based on guidance in BRE “Site Layout Planning for Daylight and Sunlight: A Good Practice Guide” by PJ Littlefair, 2022 Third Edition, has been carried out on all floors of the proposed development. The internal daylight analysis methodology in the Third Edition of the BRE Guide builds on the methodology of the Second Edition by not just considering average daylight levels within a space, but also accounts for the distribution of light within a space.

Table C1 – Target illuminances from daylight over at least half of the daylight hours		
Level of recommendation	Target illuminance	Target illuminance
	E_T (lx) for half of assessment grid	E_{TM} (lx) for 95% of assessment grid
Minimum	300	100
Medium	500	300
High	750	500

Figure 2: BRE Lighting Guide, Third Edition – Table C1

The BRE Guide, Third Edition features two daylight criteria for compliance.

- Criterion one requires that in the analysed space an illuminance of ≥ 100 lux must be achieved for half of the daylight time in a year (2,190 hours), across $\geq 95\%$ of the floor area of the given space.
- Criterion two requires that in the analysed space an illuminance of ≥ 300 lux must be achieved for half of the daylight time in a year (2,190 hours), across $\geq 50\%$ of the floor area of the given space.

The daylight calculations are carried out on a working plane that lies 850mm above the floor and is offset 500mm from the perimeter of the room. A grid of 500mm is used to calculate the daylight levels achieved across the room.

5. PROPOSED BUILDING DESIGN

In order to ensure that daylight levels were maximised for the proposed Blackglen Road residential development, the following key design strategy was analysed during concept design.

5.1. BUILDING MATERIAL SELECTION

The selection of materials play an important role in ambient daylight levels. The façade of the proposed development has been carefully selected to promote a sense of brightness and light and is composed of light brick. This will ensure light is reflected throughout the development. The inclusion of greenery to the amenity spaces will help to improve the sense of light and brightness within the apartments.

5.2. GLAZING TO WALL RATIO

The primary function of the glazing to wall ratio is to maximize daylight within the space while reducing solar gains within the proposed development. The other advantage in conjunction with appropriate materials is the more light coloured, reflective materials used externally, the more ambient daylight will be reflected to the surrounding areas. In addition, floor to ceiling heights have been maximised to further enhance the opportunity for improved daylight levels. Extensive analysis was undertaken on all building facades to ensure glazing widths were maximized to promote access to daylight. The image below illustrates the glazing to wall ratio of Block B3 the proposed development.



Figure 3 – Block B3 North Elevation Glazing to Wall Ratio

6. DAYLIGHT LEVELS WITHIN THE PROPOSED DEVELOPMENT

6.1. ASSESSMENT CRITERIA – INTERNAL DAYLIGHT (2011 METHODOLOGY)

The first method of calculation selected for the internal daylight analysis for this development is the Average Daylight Factor (ADF). This method considers not only the amount of sky visible from the vertical face of the window, but also the window size, room size and room use.

Architectural plans and elevations provided by O'Mahony Pike Architects formed the basis for the internal daylight assessment.

As previously stated, in order to quantify the quality of daylight within a space, BRE Guidelines refer to the British standards BS 8206, which sets out minimum daylight factors to be achieved in the various room types within new build residential units.

Table 2 Minimum average daylight factor	
Room type	Minimum average daylight factor %
Bedrooms	1
Living rooms	1.5
Kitchens	2

Where one room serves more than one purpose, the minimum average daylight factor should be that for the room type with the highest value. For example, in a space which combines a living room and a kitchen the minimum average daylight factor should be 2%.

Figure 4 - BS 8206 – Table 2

BS 8206 outlines that for a room that serves more than one purpose, the minimum ADF should be that for the room type with the highest value. For example, in a combined living/kitchen spaces, the minimum recommended ADF value should be 2%.

6.2. ASSESSMENT CRITERIA – INTERNAL DAYLIGHT (2022 METHODOLOGY)

In addition to the BS 8206 standard, the development's daylight levels have also been tested to the more recently published third edition of the standard (2022 Methodology). The 2022 Methodology goes beyond the average daylight levels within a space, and accounts for the distribution of light within a space.

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

Figure 5: EN 17037 – Table A.1

The 2022 Methodology features two daylight criteria for compliance.

- Criterion one recommends that in the analysed space an illuminance of ≥ 100 lux must be achieved for half of the daylight time in a year (2,190 hours), across $\geq 95\%$ of the floor area of the given space.
- Criterion two recommends that in the analysed space an illuminance of ≥ 300 lux must be achieved for half of the daylight time in a year (2,190 hours), across $\geq 50\%$ of the floor area of the given space.

In order to analyse the daylight performance for the development a detailed 3D model was constructed of the entire development, in the Integrated Environmental Solutions Virtual Environment (IES VE) software package. A number of computer simulations were then undertaken in the IES VE software package to ascertain the ADFs and lux levels achieved within the dwellings of the proposed development.

6.3. DAYLIGHT RESULTS – INTERNAL DAYLIGHT TO APARTMENTS

The design and layout of each apartment type has been carefully considered with generous window openings being provided. Where the opportunity arises, rooms have been designed as dual aspect and bathroom and storage areas have been provided to the back of apartments to give living spaces greater access to daylight.

6.4. DAYLIGHT PARAMETERS

The surface reflectance values outlined in *Table 1* have been used in the analysis.

Surface Type	Reflectance (%)
External Wall	40
Internal Partitions	70
Ceiling	70
Floor	40
Adjacent Buildings	40
Glazing Transmittance	70

Table 1 – Surface Reflectance Values

The ADF and lux calculations are carried out in a working plane that lies 850mm above the floor and it is offset 500mm from the perimeter of the room. A grid of 250mm is used to calculate all different points within the room and the average of these points determines the ADF and lux levels achieved.

6.5. TREES

BRE Guideline outlines the following in relation to the inclusion of trees within daylight and sunlight calculations.

"The question of whether trees or fences should be included in the calculation depends upon the type of shade they produce. Normally trees and shrubs need not to be included, partly because their shapes are almost impossible to predict, and partly because the dappled shade of a tree is more pleasant than the deep shadow of a building (this applies specially to deciduous trees)."

Within Appendix G of the BRE Guidelines the following statements are outlined:

"It is generally more difficult to calculate the effects of trees on daylight because of their irregular shapes and because some light will generally penetrate through the tree crown. Where the effect of a new building on existing buildings nearby is being analysed, it is usual to ignore the effect of existing trees. This is because daylight is at its scarcest and most valuable in winter when most trees will not be in leaf. "

When assessing the skylight in new dwellings:

"Sometimes, however, trees should be taken into account, eg where a new dwelling is proposed near to large existing trees."

When assessing the sunlight in gardens:

"In assessing the impact of buildings on sunlight in gardens, trees and shrubs are not normally included in the calculation unless a dense belt or group of evergreens is specifically planned as a windbreak or for privacy purposes."

Based on the above, trees have not been included within the analysis.

6.6. DAYLIGHT RESULTS – INTERNAL DAYLIGHT WITHIN PROPOSED APARTMENTS (2011 METHODOLOGY & 2022 METHODOLOGY)

This section outlines the results of the internal daylight level analysis within the proposed Blackglen Road residential development. The results when tested against the 2011 methodology are outlined in Table 2 while results when tested against the 2022 methodology are outlined in Table 3.

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
A1	1	Bedroom 1	1.0	5.8	Y
A1	1	Living/ Kitchen	2.0	3.0	Y
A1	2	Bedroom 1	1.0	6.5	Y
A1	2	Bedroom 2	1.0	5.9	Y
A1	2	Living/ Kitchen	2.0	7.4	Y
A1	3	Bedroom 1	1.0	5.9	Y
A1	3	Bedroom 2	1.0	6.0	Y
A1	3	Living/ Kitchen	2.0	3.9	Y
A1	4	Bedroom 1	1.0	5.1	Y
A1	4	Bedroom 2	1.0	6.0	Y
A1	4	Living/ Kitchen	2.0	3.4	Y
A1	5	Bedroom 1	1.0	5.9	Y
A1	5	Bedroom 2	1.0	6.0	Y
A1	5	Living/ Kitchen	2.0	3.9	Y
A1	6	Bedroom 1	1.0	6.1	Y
A1	6	Bedroom 2	1.0	5.5	Y
A1	6	Living/ Kitchen	2.0	6.7	Y
A1	7	Bedroom 1	1.0	6.3	Y
A1	7	Living/ Kitchen	2.0	3.3	Y
A1	8	Bedroom 1	1.0	7.0	Y
A1	8	Bedroom 2	1.0	6.4	Y
A1	8	Living/ Kitchen	2.0	8.0	Y
A1	9	Bedroom 1	1.0	6.4	Y
A1	9	Bedroom 2	1.0	6.5	Y
A1	9	Living/ Kitchen	2.0	4.2	Y
A1	10	Bedroom 1	1.0	5.5	Y
A1	10	Bedroom 2	1.0	6.5	Y
A1	10	Living/ Kitchen	2.0	3.7	Y
A1	11	Bedroom 1	1.0	6.4	Y
A1	11	Bedroom 2	1.0	6.5	Y
A1	11	Living/ Kitchen	2.0	4.2	Y
A1	12	Bedroom 1	1.0	6.6	Y
A1	12	Bedroom 2	1.0	6.0	Y
A1	12	Living/ Kitchen	2.0	7.3	Y
A1	13	Bedroom 1	1.0	6.8	Y
A1	13	Living/ Kitchen	2.0	3.5	Y
A1	14	Bedroom 1	1.0	7.6	Y
A1	14	Bedroom 2	1.0	6.9	Y
A1	14	Living/ Kitchen	2.0	8.7	Y
A1	15	Bedroom 1	1.0	6.9	Y
A1	15	Bedroom 2	1.0	7.1	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
A1	15	Living/ Kitchen	2.0	4.6	Y
A1	16	Bedroom 1	1.0	6.0	Y
A1	16	Bedroom 2	1.0	7.1	Y
A1	16	Living/ Kitchen	2.0	4.0	Y
A1	17	Bedroom 1	1.0	6.9	Y
A1	17	Bedroom 2	1.0	7.1	Y
A1	17	Living/ Kitchen	2.0	4.6	Y
A1	18	Bedroom 1	1.0	7.1	Y
A1	18	Bedroom 2	1.0	6.5	Y
A1	18	Living/ Kitchen	2.0	7.9	Y
A2	1	Bedroom 1	1.0	5.8	Y
A2	1	Living/ Kitchen	2.0	3.0	Y
A2	2	Bedroom 1	1.0	6.5	Y
A2	2	Bedroom 2	1.0	5.9	Y
A2	2	Living/ Kitchen	2.0	7.4	Y
A2	3	Bedroom 1	1.0	5.9	Y
A2	3	Bedroom 2	1.0	6.0	Y
A2	3	Living/ Kitchen	2.0	3.9	Y
A2	4	Bedroom 1	1.0	5.1	Y
A2	4	Bedroom 2	1.0	6.0	Y
A2	4	Living/ Kitchen	2.0	3.4	Y
A2	5	Bedroom 1	1.0	5.9	Y
A2	5	Bedroom 2	1.0	6.0	Y
A2	5	Living/ Kitchen	2.0	3.9	Y
A2	6	Bedroom 1	1.0	6.1	Y
A2	6	Bedroom 2	1.0	5.8	Y
A2	6	Living/ Kitchen	2.0	3.3	Y
A2	7	Bedroom 1	1.0	6.6	Y
A2	7	Bedroom 2	1.0	6.0	Y
A2	7	Living/ Kitchen	2.0	3.9	Y
A2	8	Bedroom 1	1.0	6.6	Y
A2	8	Bedroom 2	1.0	6.0	Y
A2	8	Living/ Kitchen	2.0	3.9	Y
A2	9	Bedroom 1	1.0	6.6	Y
A2	9	Bedroom 2	1.0	6.0	Y
A2	9	Living/ Kitchen	2.0	3.9	Y
A2	10	Bedroom 1	1.0	6.6	Y
A2	10	Bedroom 2	1.0	6.0	Y
A2	10	Living/ Kitchen	2.0	3.9	Y
A2	11	Bedroom 1	1.0	6.3	Y
A2	11	Living/ Kitchen	2.0	3.3	Y
A2	12	Bedroom 1	1.0	7.0	Y
A2	12	Bedroom 2	1.0	6.4	Y
A2	12	Living/ Kitchen	2.0	8.0	Y
A2	13	Bedroom 1	1.0	6.4	Y
A2	13	Bedroom 2	1.0	6.5	Y
A2	13	Living/ Kitchen	2.0	4.2	Y
A2	14	Bedroom 1	1.0	5.5	Y
A2	14	Bedroom 2	1.0	6.5	Y
A2	14	Living/ Kitchen	2.0	3.7	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
A2	15	Bedroom 1	1.0	6.4	Y
A2	15	Bedroom 2	1.0	6.5	Y
A2	15	Living/ Kitchen	2.0	4.2	Y
A2	16	Bedroom 1	1.0	6.6	Y
A2	16	Bedroom 2	1.0	6.3	Y
A2	16	Living/ Kitchen	2.0	3.6	Y
A2	17	Bedroom 1	1.0	7.2	Y
A2	17	Bedroom 2	1.0	6.5	Y
A2	17	Living/ Kitchen	2.0	4.2	Y
A2	18	Bedroom 1	1.0	7.2	Y
A2	18	Bedroom 2	1.0	6.5	Y
A2	18	Living/ Kitchen	2.0	4.2	Y
A2	19	Bedroom 1	1.0	7.2	Y
A2	19	Bedroom 2	1.0	6.5	Y
A2	19	Living/ Kitchen	2.0	4.2	Y
A2	20	Bedroom 1	1.0	7.2	Y
A2	20	Bedroom 2	1.0	6.5	Y
A2	20	Living/ Kitchen	2.0	4.2	Y
A2	21	Bedroom 1	1.0	7.8	Y
A2	21	Bedroom 2	1.0	7.1	Y
A2	21	Living/ Kitchen	2.0	4.6	Y
A2	22	Bedroom 1	1.0	7.8	Y
A2	22	Bedroom 2	1.0	7.1	Y
A2	22	Living/ Kitchen	2.0	4.6	Y
A2	23	Bedroom 1	1.0	7.8	Y
A2	23	Bedroom 2	1.0	7.1	Y
A2	23	Living/ Kitchen	2.0	4.6	Y
A2	24	Bedroom 1	1.0	7.8	Y
A2	24	Bedroom 2	1.0	7.1	Y
A2	24	Living/ Kitchen	2.0	4.6	Y
B1	1	Bedroom 1	1.0	5.0	Y
B1	1	Bedroom 2	1.0	6.2	Y
B1	1	Bedroom 3	1.0	5.6	Y
B1	1	Living/ Kitchen	2.0	6.6	Y
B1	2	Bedroom 1	1.0	5.5	Y
B1	2	Bedroom 2	1.0	2.2	Y
B1	2	Living/ Kitchen	2.0	5.5	Y
B1	3	Bedroom 1	1.0	5.8	Y
B1	3	Living/ Kitchen	2.0	1.7	N
B1	4	Bedroom 1	1.0	5.7	Y
B1	4	Bedroom 2	1.0	5.8	Y
B1	4	Living/ Kitchen	2.0	2.8	Y
B1	5	Bedroom 1	1.0	6.0	Y
B1	5	Bedroom 2	1.0	2.4	Y
B1	5	Living/ Kitchen	2.0	6.0	Y
B1	6	Bedroom 1	1.0	5.8	Y
B1	6	Living/ Kitchen	2.0	1.7	N
B1	7	Bedroom 1	1.0	5.5	Y
B1	7	Bedroom 2	1.0	6.7	Y
B1	7	Bedroom 3	1.0	6.1	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
B1	7	Living/ Kitchen	2.0	7.2	Y
B1	8	Bedroom 1	1.0	6.0	Y
B1	8	Bedroom 2	1.0	5.5	Y
B1	8	Living/ Kitchen	2.0	2.8	Y
B1	9	Bedroom 1	1.0	6.3	Y
B1	9	Living/ Kitchen	2.0	1.9	N
B1	10	Bedroom 1	1.0	6.2	Y
B1	10	Bedroom 2	1.0	6.3	Y
B1	10	Living/ Kitchen	2.0	3.0	Y
B1	11	Bedroom 1	1.0	6.5	Y
B1	11	Bedroom 2	1.0	2.6	Y
B1	11	Living/ Kitchen	2.0	6.5	Y
B1	12	Bedroom 1	1.0	6.3	Y
B1	12	Living/ Kitchen	2.0	1.9	N
B1	13	Bedroom 1	1.0	5.9	Y
B1	13	Bedroom 2	1.0	7.3	Y
B1	13	Bedroom 3	1.0	6.6	Y
B1	13	Living/ Kitchen	2.0	7.8	Y
B1	14	Bedroom 1	1.0	6.5	Y
B1	14	Bedroom 2	1.0	6.0	Y
B1	14	Living/ Kitchen	2.0	3.0	Y
B1	15	Bedroom 1	1.0	6.8	Y
B1	15	Living/ Kitchen	2.0	2.0	Y
B1	16	Bedroom 1	1.0	6.7	Y
B1	16	Bedroom 2	1.0	6.8	Y
B1	16	Living/ Kitchen	2.0	3.3	Y
B1	17	Bedroom 1	1.0	7.0	Y
B1	17	Bedroom 2	1.0	2.8	Y
B1	17	Living/ Kitchen	2.0	7.0	Y
B1	18	Bedroom 1	1.0	6.8	Y
B1	18	Living/ Kitchen	2.0	2.0	Y
B1	19	Bedroom 1	1.0	6.4	Y
B1	19	Bedroom 2	1.0	7.9	Y
B1	19	Bedroom 3	1.0	7.2	Y
B1	19	Living/ Kitchen	2.0	8.4	Y
B1	20	Bedroom 1	1.0	7.0	Y
B1	20	Bedroom 2	1.0	6.5	Y
B1	20	Living/ Kitchen	2.0	3.3	Y
B1	21	Bedroom 1	1.0	7.4	Y
B1	21	Living/ Kitchen	2.0	2.2	Y
B1	22	Bedroom 1	1.0	7.3	Y
B1	22	Bedroom 2	1.0	7.4	Y
B1	22	Living/ Kitchen	2.0	3.6	Y
B1	23	Bedroom 1	1.0	7.6	Y
B1	23	Bedroom 2	1.0	3.1	Y
B1	23	Living/ Kitchen	2.0	7.6	Y
B1	24	Bedroom 1	1.0	7.4	Y
B1	24	Living/ Kitchen	2.0	2.2	Y
B1	25	Bedroom 1	1.0	7.0	Y
B1	25	Bedroom 2	1.0	8.5	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
B1	25	Bedroom 3	1.0	7.8	Y
B1	25	Living/ Kitchen	2.0	9.2	Y
B1	26	Bedroom 1	1.0	7.6	Y
B1	26	Bedroom 2	1.0	7.0	Y
B1	26	Living/ Kitchen	2.0	3.6	Y
B1	27	Bedroom 1	1.0	8.2	Y
B1	27	Bedroom 2	1.0	8.0	Y
B1	27	Living/ Kitchen	2.0	9.9	Y
B1	28	Bedroom 1	1.0	8.1	Y
B1	28	Bedroom 2	1.0	7.9	Y
B1	28	Living/ Kitchen	2.0	9.6	Y
B1	29	Bedroom 1	1.0	8.5	Y
B1	29	Living/ Kitchen	2.0	9.3	Y
B2	1	Bedroom 1	1.0	6.6	Y
B2	1	Bedroom 2	1.0	6.3	Y
B2	1	Living/ Kitchen	2.0	7.6	Y
B2	2	Bedroom 1	1.0	6.6	Y
B2	2	Bedroom 2	1.0	6.4	Y
B2	2	Living/ Kitchen	2.0	7.6	Y
B2	3	Bedroom 1	1.0	4.9	Y
B2	3	Living/ Kitchen	2.0	2.3	Y
B2	4	Bedroom 1	1.0	5.0	Y
B2	4	Bedroom 2	1.0	4.5	Y
B2	4	Living/ Kitchen	2.0	8.2	Y
B2	5	Bedroom 1	1.0	4.9	Y
B2	5	Bedroom 2	1.0	5.5	Y
B2	5	Living/ Kitchen	2.0	8.2	Y
B2	6	Bedroom 1	1.0	4.9	Y
B2	6	Bedroom 2	1.0	5.9	Y
B2	6	Living/ Kitchen	2.0	7.0	Y
B2	7	Bedroom 1	1.0	4.9	Y
B2	7	Living/ Kitchen	2.0	2.3	Y
B2	8	Bedroom 1	1.0	4.9	Y
B2	8	Living/ Kitchen	2.0	2.3	Y
B2	9	Bedroom 1	1.0	4.9	Y
B2	9	Bedroom 2	1.0	5.5	Y
B2	9	Living/ Kitchen	2.0	1.9	N
B2	10	Bedroom 1	1.0	4.9	Y
B2	10	Bedroom 2	1.0	4.4	Y
B2	10	Living/ Kitchen	2.0	8.2	Y
B2	11	Bedroom 1	1.0	4.3	Y
B2	11	Living/ Kitchen	2.0	2.1	Y
B2	12	Bedroom 1	1.0	4.3	Y
B2	12	Living/ Kitchen	2.0	2.1	Y
B2	13	Bedroom 1	1.0	4.7	Y
B2	13	Living/ Kitchen	2.0	2.6	Y
B2	14	Bedroom 1	1.0	4.7	Y
B2	14	Bedroom 2	1.0	5.3	Y
B2	14	Living/ Kitchen	2.0	1.9	N
B2	15	Bedroom 1	1.0	5.3	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
B2	15	Living/ Kitchen	2.0	2.5	Y
B2	16	Bedroom 1	1.0	5.3	Y
B2	16	Living/ Kitchen	2.0	2.5	Y
B2	17	Bedroom 1	1.0	6.0	Y
B2	17	Bedroom 2	1.0	5.3	Y
B2	17	Living/ Kitchen	2.0	2.1	Y
B2	18	Bedroom 1	1.0	5.3	Y
B2	18	Bedroom 2	1.0	4.8	Y
B2	18	Living/ Kitchen	2.0	8.8	Y
B2	19	Bedroom 1	1.0	5.3	Y
B2	19	Living/ Kitchen	2.0	2.5	Y
B2	20	Bedroom 1	1.0	5.3	Y
B2	20	Living/ Kitchen	2.0	2.5	Y
B2	21	Bedroom 1	1.0	5.1	Y
B2	21	Living/ Kitchen	2.0	2.8	Y
B2	22	Bedroom 1	1.0	5.1	Y
B2	22	Bedroom 2	1.0	5.8	Y
B2	22	Living/ Kitchen	2.0	2.0	Y
B2	23	Bedroom 1	1.0	5.8	Y
B2	23	Living/ Kitchen	2.0	2.7	Y
B2	24	Bedroom 1	1.0	5.8	Y
B2	24	Living/ Kitchen	2.0	2.7	Y
B2	25	Bedroom 1	1.0	6.5	Y
B2	25	Bedroom 2	1.0	5.8	Y
B2	25	Living/ Kitchen	2.0	2.2	Y
B2	26	Bedroom 1	1.0	5.8	Y
B2	26	Bedroom 2	1.0	5.2	Y
B2	26	Living/ Kitchen	2.0	9.6	Y
B2	27	Bedroom 1	1.0	5.8	Y
B2	27	Living/ Kitchen	2.0	2.7	Y
B2	28	Bedroom 1	1.0	5.8	Y
B2	28	Living/ Kitchen	2.0	2.7	Y
B2	29	Bedroom 1	1.0	5.5	Y
B2	29	Living/ Kitchen	2.0	3.1	Y
B2	30	Bedroom 1	1.0	5.5	Y
B2	30	Bedroom 2	1.0	6.2	Y
B2	30	Living/ Kitchen	2.0	2.2	Y
B2	31	Bedroom 1	1.0	6.2	Y
B2	31	Living/ Kitchen	2.0	2.9	Y
B2	32	Bedroom 1	1.0	6.2	Y
B2	32	Living/ Kitchen	2.0	2.9	Y
B2	33	Bedroom 1	1.0	7.0	Y
B2	33	Bedroom 2	1.0	6.3	Y
B2	33	Living/ Kitchen	2.0	2.4	Y
B2	34	Bedroom 1	1.0	6.3	Y
B2	34	Bedroom 2	1.0	5.6	Y
B2	34	Living/ Kitchen	2.0	10.4	Y
B2	35	Bedroom 1	1.0	6.2	Y
B2	35	Living/ Kitchen	2.0	2.9	Y
B2	36	Bedroom 1	1.0	6.2	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
B2	36	Living/ Kitchen	2.0	2.9	Y
B2	37	Bedroom 1	1.0	8.1	Y
B2	37	Bedroom 2	1.0	7.9	Y
B2	37	Living/ Kitchen	2.0	9.8	Y
B2	38	Bedroom 1	1.0	8.2	Y
B2	38	Bedroom 2	1.0	8.0	Y
B2	38	Living/ Kitchen	2.0	9.9	Y
B2	39	Bedroom 1	1.0	8.1	Y
B2	39	Bedroom 2	1.0	7.9	Y
B2	39	Living/ Kitchen	2.0	9.6	Y
B2	40	Bedroom 1	1.0	8.5	Y
B2	40	Living/ Kitchen	2.0	9.3	Y
B3	1	Bedroom 1	1.0	4.2	Y
B3	1	Bedroom 2	1.0	6.3	Y
B3	1	Living/ Kitchen	2.0	7.7	Y
B3	2	Bedroom 1	1.0	4.2	Y
B3	2	Bedroom 2	1.0	6.0	Y
B3	2	Living/ Kitchen	2.0	7.7	Y
B3	3	Bedroom 1	1.0	6.0	Y
B3	3	Living/ Kitchen	2.0	3.3	Y
B3	4	Bedroom 1	1.0	4.1	Y
B3	4	Living/ Kitchen	2.0	2.0	Y
B3	5	Bedroom 1	1.0	4.1	Y
B3	5	Living/ Kitchen	2.0	2.0	Y
B3	6	Bedroom 1	1.0	4.9	Y
B3	6	Bedroom 2	1.0	4.4	Y
B3	6	Living/ Kitchen	2.0	8.2	Y
B3	7	Bedroom 1	1.0	4.9	Y
B3	7	Bedroom 2	1.0	5.5	Y
B3	7	Living/ Kitchen	2.0	1.9	N
B3	8	Bedroom 1	1.0	4.6	Y
B3	8	Living/ Kitchen	2.0	2.2	Y
B3	9	Bedroom 1	1.0	4.6	Y
B3	9	Living/ Kitchen	2.0	2.2	Y
B3	10	Bedroom 1	1.0	4.8	Y
B3	10	Bedroom 2	1.0	5.8	Y
B3	10	Living/ Kitchen	2.0	7.0	Y
B3	11	Bedroom 1	1.0	5.0	Y
B3	11	Bedroom 2	1.0	4.5	Y
B3	11	Living/ Kitchen	2.0	8.2	Y
B3	12	Bedroom 1	1.0	6.1	Y
B3	12	Bedroom 2	1.0	5.5	Y
B3	12	Living/ Kitchen	2.0	6.3	Y
B3	13	Bedroom 1	1.0	4.1	Y
B3	13	Living/ Kitchen	2.0	2.0	Y
B3	14	Bedroom 1	1.0	4.5	Y
B3	14	Living/ Kitchen	2.0	2.2	Y
B3	15	Bedroom 1	1.0	4.5	Y
B3	15	Living/ Kitchen	2.0	2.2	Y
B3	16	Bedroom 1	1.0	5.3	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
B3	16	Bedroom 2	1.0	4.8	Y
B3	16	Living/ Kitchen	2.0	8.8	Y
B3	17	Bedroom 1	1.0	5.3	Y
B3	17	Bedroom 2	1.0	6.0	Y
B3	17	Living/ Kitchen	2.0	2.1	Y
B3	18	Bedroom 1	1.0	5.0	Y
B3	18	Living/ Kitchen	2.0	2.4	Y
B3	19	Bedroom 1	1.0	5.0	Y
B3	19	Living/ Kitchen	2.0	2.4	Y
B3	20	Bedroom 1	1.0	5.2	Y
B3	20	Bedroom 2	1.0	6.3	Y
B3	20	Living/ Kitchen	2.0	7.6	Y
B3	21	Bedroom 1	1.0	5.4	Y
B3	21	Bedroom 2	1.0	4.9	Y
B3	21	Living/ Kitchen	2.0	8.9	Y
B3	22	Bedroom 1	1.0	6.6	Y
B3	22	Bedroom 2	1.0	6.0	Y
B3	22	Living/ Kitchen	2.0	6.8	Y
B3	23	Bedroom 1	1.0	4.5	Y
B3	23	Living/ Kitchen	2.0	2.2	Y
B3	24	Bedroom 1	1.0	4.8	Y
B3	24	Living/ Kitchen	2.0	2.4	Y
B3	25	Bedroom 1	1.0	4.8	Y
B3	25	Living/ Kitchen	2.0	2.4	Y
B3	26	Bedroom 1	1.0	5.8	Y
B3	26	Bedroom 2	1.0	5.2	Y
B3	26	Living/ Kitchen	2.0	9.6	Y
B3	27	Bedroom 1	1.0	5.8	Y
B3	27	Bedroom 2	1.0	6.5	Y
B3	27	Living/ Kitchen	2.0	2.2	Y
B3	28	Bedroom 1	1.0	5.4	Y
B3	28	Living/ Kitchen	2.0	2.6	Y
B3	29	Bedroom 1	1.0	5.4	Y
B3	29	Living/ Kitchen	2.0	2.6	Y
B3	30	Bedroom 1	1.0	5.1	Y
B3	30	Bedroom 2	1.0	5.7	Y
B3	30	Living/ Kitchen	2.0	2.0	Y
B3	31	Bedroom 1	1.0	4.8	Y
B3	31	Living/ Kitchen	2.0	2.7	Y
B3	32	Bedroom 1	1.0	5.2	Y
B3	32	Living/ Kitchen	2.0	2.6	Y
B3	33	Bedroom 1	1.0	5.2	Y
B3	33	Living/ Kitchen	2.0	2.6	Y
B3	34	Bedroom 1	1.0	6.3	Y
B3	34	Bedroom 2	1.0	5.6	Y
B3	34	Living/ Kitchen	2.0	10.4	Y
B3	35	Bedroom 1	1.0	6.3	Y
B3	35	Bedroom 2	1.0	7.0	Y
B3	35	Living/ Kitchen	2.0	2.4	Y
B3	36	Bedroom 1	1.0	5.9	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
B3	36	Living/ Kitchen	2.0	2.8	Y
B3	37	Bedroom 1	1.0	5.9	Y
B3	37	Living/ Kitchen	2.0	2.8	Y
B3	38	Bedroom 1	1.0	5.5	Y
B3	38	Bedroom 2	1.0	6.1	Y
B3	38	Living/ Kitchen	2.0	2.2	Y
B3	39	Bedroom 1	1.0	5.2	Y
B3	39	Living/ Kitchen	2.0	2.9	Y
B3	40	Bedroom 1	1.0	8.0	Y
B3	40	Living/ Kitchen	1.0	8.0	Y
B3	41	Bedroom 1	2.0	9.7	Y
B3	41	Bedroom 2	1.0	8.3	Y
B3	41	Living/ Kitchen	1.0	7.9	Y
B3	42	Bedroom 1	2.0	9.3	Y
B3	42	Bedroom 2	1.0	8.1	Y
B3	42	Living/ Kitchen	1.0	8.0	Y
B3	43	Bedroom 1	2.0	9.2	Y
B3	43	Bedroom 2	1.0	8.3	Y
B3	43	Living/ Kitchen	2.0	9.1	Y
B4	1	Bedroom 1	1.0	2.1	Y
B4	1	Bedroom 2	1.0	1.9	Y
B4	1	Bedroom 3	1.0	5.5	Y
B4	1	Living/ Kitchen	2.0	5.9	Y
B4	2	Bedroom 1	1.0	2.1	Y
B4	2	Bedroom 2	1.0	1.9	Y
B4	2	Bedroom 3	1.0	5.5	Y
B4	2	Living/ Kitchen	2.0	5.9	Y
B4	3	Bedroom 1	1.0	2.3	Y
B4	3	Bedroom 2	1.0	2.1	Y
B4	3	Bedroom 3	1.0	4.0	Y
B4	3	Living/ Kitchen	2.0	6.4	Y
B4	4	Bedroom 1	1.0	2.3	Y
B4	4	Bedroom 2	1.0	2.1	Y
B4	4	Bedroom 3	1.0	4.0	Y
B4	4	Living/ Kitchen	2.0	6.4	Y
B4	5	Bedroom 1	1.0	6.2	Y
B4	5	Living/ Kitchen	2.0	3.2	Y
B4	6	Bedroom 1	1.0	6.1	Y
B4	6	Bedroom 2	1.0	5.5	Y
B4	6	Living/ Kitchen	2.0	6.3	Y
B4	7	Bedroom 1	1.0	6.1	Y
B4	7	Bedroom 2	1.0	5.5	Y
B4	7	Living/ Kitchen	2.0	6.3	Y
B4	8	Bedroom 1	1.0	4.4	Y
B4	8	Living/ Kitchen	2.0	2.5	Y
B4	9	Bedroom 1	1.0	4.4	Y
B4	9	Living/ Kitchen	2.0	2.5	Y
B4	10	Bedroom 1	1.0	6.7	Y
B4	10	Living/ Kitchen	2.0	3.5	Y
B4	11	Bedroom 1	1.0	7.1	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
B4	11	Bedroom 2	1.0	6.5	Y
B4	11	Living/ Kitchen	2.0	7.4	Y
B4	12	Bedroom 1	1.0	7.1	Y
B4	12	Bedroom 2	1.0	6.5	Y
B4	12	Living/ Kitchen	2.0	7.4	Y
B4	13	Bedroom 1	1.0	4.8	Y
B4	13	Living/ Kitchen	2.0	2.7	Y
B4	14	Bedroom 1	1.0	4.8	Y
B4	14	Living/ Kitchen	2.0	2.7	Y
B4	15	Bedroom 1	1.0	7.3	Y
B4	15	Living/ Kitchen	2.0	3.8	Y
B4	16	Bedroom 1	1.0	7.7	Y
B4	16	Bedroom 2	1.0	7.0	Y
B4	16	Living/ Kitchen	2.0	8.1	Y
B4	17	Bedroom 1	1.0	7.7	Y
B4	17	Bedroom 2	1.0	7.0	Y
B4	17	Living/ Kitchen	2.0	8.1	Y
B4	18	Bedroom 1	1.0	8.0	Y
B4	18	Bedroom 2	1.0	7.6	Y
B4	18	Bedroom 3	1.0	8.5	Y
B4	18	Living/ Kitchen	2.0	9.2	Y
B4	19	Bedroom 1	1.0	7.9	Y
B4	19	Living/ Kitchen	2.0	9.5	Y
C1	1	Bedroom 1	1.0	6.4	Y
C1	1	Bedroom 2	1.0	6.1	Y
C1	1	Living/ Kitchen	2.0	7.2	Y
C1	2	Bedroom 1	1.0	6.6	Y
C1	2	Bedroom 2	1.0	6.5	Y
C1	2	Living/ Kitchen	2.0	3.2	Y
C1	3	Bedroom 1	1.0	4.5	Y
C1	3	Bedroom 2	1.0	5.4	Y
C1	3	Living/ Kitchen	2.0	6.4	Y
C1	4	Bedroom 1	1.0	6.0	Y
C1	4	Bedroom 2	1.0	5.5	Y
C1	4	Living/ Kitchen	2.0	3.9	Y
C1	5	Bedroom 1	1.0	6.0	Y
C1	5	Living/ Kitchen	2.0	3.3	Y
C1	6	Bedroom 1	1.0	6.0	Y
C1	6	Living/ Kitchen	2.0	3.3	Y
C1	7	Bedroom 1	1.0	3.0	Y
C1	7	Bedroom 2	1.0	3.4	Y
C1	7	Living/ Kitchen	2.0	3.1	Y
C1	8	Bedroom 1	1.0	5.0	Y
C1	8	Bedroom 2	1.0	5.0	Y
C1	8	Living/ Kitchen	2.0	2.1	Y
C1	9	Bedroom 1	1.0	6.9	Y
C1	9	Bedroom 2	1.0	6.6	Y
C1	9	Living/ Kitchen	2.0	7.8	Y
C1	10	Bedroom 1	1.0	7.2	Y
C1	10	Bedroom 2	1.0	7.1	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
C1	10	Living/ Kitchen	2.0	3.5	Y
C1	11	Bedroom 1	1.0	4.9	Y
C1	11	Bedroom 2	1.0	4.4	Y
C1	11	Living/ Kitchen	2.0	8.2	Y
C1	12	Bedroom 1	1.0	4.9	Y
C1	12	Bedroom 2	1.0	5.9	Y
C1	12	Living/ Kitchen	2.0	6.9	Y
C1	13	Bedroom 1	1.0	6.5	Y
C1	13	Bedroom 2	1.0	6.0	Y
C1	13	Living/ Kitchen	2.0	4.2	Y
C1	14	Bedroom 1	1.0	6.5	Y
C1	14	Living/ Kitchen	2.0	3.6	Y
C1	15	Bedroom 1	1.0	6.5	Y
C1	15	Living/ Kitchen	2.0	3.6	Y
C1	16	Bedroom 1	1.0	3.2	Y
C1	16	Bedroom 2	1.0	3.7	Y
C1	16	Living/ Kitchen	2.0	3.4	Y
C1	17	Bedroom 1	1.0	5.4	Y
C1	17	Bedroom 2	1.0	5.4	Y
C1	17	Living/ Kitchen	2.0	2.3	Y
C1	18	Bedroom 1	1.0	6.5	Y
C1	18	Living/ Kitchen	2.0	3.5	Y
C1	19	Bedroom 1	1.0	2.5	Y
C1	19	Bedroom 2	1.0	2.3	Y
C1	19	Living/ Kitchen	2.0	2.3	Y
C1	20	Bedroom 1	1.0	6.5	Y
C1	20	Living/ Kitchen	2.0	4.8	Y
C1	21	Bedroom 1	1.0	6.5	Y
C1	21	Living/ Kitchen	2.0	4.9	Y
C1	22	Bedroom 1	1.0	5.3	Y
C1	22	Bedroom 2	1.0	6.4	Y
C1	22	Living/ Kitchen	2.0	7.5	Y
C1	23	Bedroom 1	1.0	7.1	Y
C1	23	Bedroom 2	1.0	6.5	Y
C1	23	Living/ Kitchen	2.0	4.6	Y
C1	24	Bedroom 1	1.0	7.1	Y
C1	24	Bedroom 2	1.0	3.9	Y
C1	24	Living/ Kitchen	2.0	7.1	Y
C1	25	Bedroom 1	1.0	3.9	Y
C1	25	Bedroom 2	1.0	5.3	Y
C1	25	Living/ Kitchen	2.0	6.4	Y
C1	26	Bedroom 1	1.0	7.5	Y
C1	26	Bedroom 2	1.0	7.1	Y
C1	26	Living/ Kitchen	2.0	6.5	Y
C1	27	Bedroom 1	1.0	4.6	Y
C1	27	Living/ Kitchen	2.0	7.1	Y
C1	28	Bedroom 1	1.0	3.9	Y
C1	28	Living/ Kitchen	2.0	7.1	Y
C1	29	Bedroom 1	1.0	3.5	Y
C1	29	Bedroom 2	1.0	4.0	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
C1	29	Living/ Kitchen	2.0	3.7	Y
C1	30	Bedroom 1	1.0	5.9	Y
C1	30	Bedroom 2	1.0	5.9	Y
C1	30	Living/ Kitchen	2.0	2.5	Y
C1	31	Bedroom 1	1.0	7.0	Y
C1	31	Living/ Kitchen	2.0	3.8	Y
C1	32	Bedroom 1	1.0	2.7	Y
C1	32	Bedroom 2	1.0	2.5	Y
C1	32	Living/ Kitchen	2.0	2.5	Y
C1	33	Bedroom 1	1.0	7.0	Y
C1	33	Living/ Kitchen	2.0	2.4	Y
C1	34	Bedroom 1	1.0	7.0	Y
C1	34	Living/ Kitchen	2.0	5.3	Y
C1	35	Bedroom 1	1.0	5.7	Y
C1	35	Bedroom 2	1.0	6.9	Y
C1	35	Living/ Kitchen	2.0	8.2	Y
C1	36	Bedroom 1	1.0	7.7	Y
C1	36	Bedroom 2	1.0	7.0	Y
C1	36	Living/ Kitchen	2.0	5.0	Y
C1	37	Bedroom 1	1.0	7.7	Y
C1	37	Bedroom 2	1.0	4.2	Y
C1	37	Living/ Kitchen	2.0	7.7	Y
C1	38	Bedroom 1	1.0	4.2	Y
C1	38	Bedroom 2	1.0	5.7	Y
C1	38	Living/ Kitchen	2.0	6.9	Y
C1	39	Bedroom 1	1.0	7.1	Y
C1	39	Bedroom 2	1.0	7.8	Y
C1	39	Living/ Kitchen	2.0	5.8	Y
C1	40	Bedroom 1	1.0	6.4	Y
C1	40	Bedroom 2	1.0	6.4	Y
C1	40	Living/ Kitchen	2.0	2.7	Y
C1	41	Bedroom 1	1.0	7.6	Y
C1	41	Living/ Kitchen	2.0	4.1	Y
C1	42	Bedroom 1	1.0	2.9	Y
C1	42	Bedroom 2	1.0	2.7	Y
C1	42	Living/ Kitchen	2.0	2.7	Y
C1	43	Bedroom 1	1.0	7.6	Y
C1	43	Living/ Kitchen	2.0	2.6	Y
C1	44	Bedroom 1	1.0	7.6	Y
C1	44	Living/ Kitchen	2.0	5.8	Y
C1	45	Bedroom 1	1.0	8.3	Y
C1	45	Bedroom 2	1.0	7.6	Y
C1	45	Living/ Kitchen	2.0	5.4	Y
C1	46	Bedroom 1	1.0	8.3	Y
C1	46	Bedroom 2	1.0	4.6	Y
C1	46	Living/ Kitchen	2.0	8.3	Y
C1	47	Bedroom 1	1.0	4.6	Y
C1	47	Bedroom 2	1.0	6.2	Y
C1	47	Living/ Kitchen	2.0	7.5	Y
C1	48	Bedroom 1	1.0	7.7	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
C1	48	Bedroom 2	1.0	8.5	Y
C1	48	Living/ Kitchen	2.0	6.3	Y
C1	49	Bedroom 1	1.0	3.8	Y
C1	49	Bedroom 2	1.0	4.3	Y
C1	49	Living/ Kitchen	2.0	4.0	Y
C1	50	Bedroom 1	1.0	3.2	Y
C1	50	Bedroom 2	1.0	2.9	Y
C1	50	Living/ Kitchen	2.0	2.9	Y
C1	51	Bedroom 1	1.0	8.3	Y
C1	51	Living/ Kitchen	2.0	2.8	Y
C1	52	Bedroom 1	1.0	8.3	Y
C1	52	Living/ Kitchen	2.0	6.3	Y
C1	53	Bedroom 1	1.0	9.1	Y
C1	53	Bedroom 2	1.0	8.3	Y
C1	53	Living/ Kitchen	2.0	5.8	Y
C1	54	Bedroom 1	1.0	9.0	Y
C1	54	Bedroom 2	1.0	5.0	Y
C1	54	Living/ Kitchen	2.0	9.0	Y
C1	55	Bedroom 1	1.0	5.0	Y
C1	55	Bedroom 2	1.0	6.7	Y
C1	55	Living/ Kitchen	2.0	8.1	Y
C1	56	Bedroom 1	1.0	8.3	Y
C1	56	Bedroom 2	1.0	9.2	Y
C1	56	Living/ Kitchen	2.0	6.8	Y
C1	57	Bedroom 1	1.0	8.6	Y
C1	57	Bedroom 2	1.0	8.0	Y
C1	57	Living/ Kitchen	2.0	8.4	Y
C1	58	Bedroom 1	1.0	3.5	Y
C1	58	Bedroom 2	1.0	3.2	Y
C1	58	Living/ Kitchen	2.0	3.2	Y
C1	59	Bedroom 1	1.0	9.0	Y
C1	59	Living/ Kitchen	2.0	3.1	Y
C1	60	Bedroom 1	1.0	9.0	Y
C1	60	Living/ Kitchen	2.0	6.8	Y
C2	1	Bedroom 1	1.0	6.2	Y
C2	1	Bedroom 2	1.0	6.5	Y
C2	1	Living/ Kitchen	2.0	3.5	Y
C2	2	Bedroom 1	1.0	4.9	Y
C2	2	Bedroom 2	1.0	4.4	Y
C2	2	Living/ Kitchen	2.0	6.3	Y
C2	3	Bedroom 1	1.0	6.5	Y
C2	3	Living/ Kitchen	2.0	3.6	Y
C2	4	Bedroom 1	1.0	6.5	Y
C2	4	Living/ Kitchen	2.0	3.6	Y
C2	5	Bedroom 1	1.0	5.9	Y
C2	5	Bedroom 2	1.0	6.6	Y
C2	5	Living/ Kitchen	2.0	2.8	Y
C2	6	Bedroom 1	1.0	6.5	Y
C2	6	Living/ Kitchen	2.0	2.3	Y
C2	7	Bedroom 1	1.0	4.9	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
C2	7	Bedroom 2	1.0	5.9	Y
C2	7	Living/ Kitchen	2.0	6.9	Y
C2	8	Bedroom 1	1.0	3.5	Y
C2	8	Bedroom 2	1.0	2.8	Y
C2	8	Living/ Kitchen	2.0	3.8	Y
C2	9	Bedroom 1	1.0	5.4	Y
C2	9	Bedroom 2	1.0	5.4	Y
C2	9	Living/ Kitchen	2.0	2.3	Y
C2	10	Bedroom 1	1.0	5.3	Y
C2	10	Bedroom 2	1.0	6.4	Y
C2	10	Living/ Kitchen	2.0	7.5	Y
C2	11	Bedroom 1	1.0	7.1	Y
C2	11	Bedroom 2	1.0	6.5	Y
C2	11	Living/ Kitchen	2.0	4.6	Y
C2	12	Bedroom 1	1.0	7.1	Y
C2	12	Bedroom 2	1.0	3.9	Y
C2	12	Living/ Kitchen	2.0	7.1	Y
C2	13	Bedroom 1	1.0	7.0	Y
C2	13	Living/ Kitchen	2.0	3.9	Y
C2	14	Bedroom 1	1.0	7.1	Y
C2	14	Living/ Kitchen	2.0	3.9	Y
C2	15	Bedroom 1	1.0	6.4	Y
C2	15	Bedroom 2	1.0	7.1	Y
C2	15	Living/ Kitchen	2.0	3.1	Y
C2	16	Bedroom 1	1.0	3.9	Y
C2	16	Bedroom 2	1.0	5.3	Y
C2	16	Living/ Kitchen	2.0	6.4	Y
C2	17	Bedroom 1	1.0	3.9	Y
C2	17	Bedroom 2	1.0	5.2	Y
C2	17	Living/ Kitchen	2.0	6.4	Y
C2	18	Bedroom 1	1.0	3.7	Y
C2	18	Bedroom 2	1.0	3.0	Y
C2	18	Living/ Kitchen	2.0	4.1	Y
C2	19	Bedroom 1	1.0	5.9	Y
C2	19	Bedroom 2	1.0	5.9	Y
C2	19	Living/ Kitchen	2.0	2.5	Y
C2	20	Bedroom 1	1.0	3.8	Y
C2	20	Bedroom 2	1.0	5.3	Y
C2	20	Living/ Kitchen	2.0	6.3	Y
C2	21	Bedroom 1	1.0	7.0	Y
C2	21	Living/ Kitchen	2.0	3.8	Y
C2	22	Bedroom 1	1.0	2.7	Y
C2	22	Bedroom 2	1.0	2.5	Y
C2	22	Living/ Kitchen	2.0	2.5	Y
C2	23	Bedroom 1	1.0	7.0	Y
C2	23	Living/ Kitchen	2.0	2.4	Y
C2	24	Bedroom 1	1.0	7.0	Y
C2	24	Living/ Kitchen	2.0	5.3	Y
C2	25	Bedroom 1	1.0	5.7	Y
C2	25	Bedroom 2	1.0	6.9	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
C2	25	Living/ Kitchen	2.0	8.2	Y
C2	26	Bedroom 1	1.0	7.7	Y
C2	26	Bedroom 2	1.0	7.0	Y
C2	26	Living/ Kitchen	2.0	5.0	Y
C2	27	Bedroom 1	1.0	7.7	Y
C2	27	Bedroom 2	1.0	4.2	Y
C2	27	Living/ Kitchen	2.0	7.7	Y
C2	28	Bedroom 1	1.0	7.6	Y
C2	28	Living/ Kitchen	2.0	4.2	Y
C2	29	Bedroom 1	1.0	7.7	Y
C2	29	Living/ Kitchen	2.0	4.2	Y
C2	30	Bedroom 1	1.0	6.9	Y
C2	30	Bedroom 2	1.0	7.7	Y
C2	30	Living/ Kitchen	2.0	3.3	Y
C2	31	Bedroom 1	1.0	4.2	Y
C2	31	Bedroom 2	1.0	5.7	Y
C2	31	Living/ Kitchen	2.0	6.9	Y
C2	32	Bedroom 1	1.0	4.2	Y
C2	32	Bedroom 2	1.0	5.7	Y
C2	32	Living/ Kitchen	2.0	6.9	Y
C2	33	Bedroom 1	1.0	4.1	Y
C2	33	Bedroom 2	1.0	3.3	Y
C2	33	Living/ Kitchen	2.0	4.5	Y
C2	34	Bedroom 1	1.0	6.4	Y
C2	34	Bedroom 2	1.0	6.4	Y
C2	34	Living/ Kitchen	2.0	2.7	Y
C2	35	Bedroom 1	1.0	4.2	Y
C2	35	Bedroom 2	1.0	5.7	Y
C2	35	Living/ Kitchen	2.0	6.9	Y
C2	36	Bedroom 1	1.0	7.6	Y
C2	36	Living/ Kitchen	2.0	4.1	Y
C2	37	Bedroom 1	1.0	2.9	Y
C2	37	Bedroom 2	1.0	2.7	Y
C2	37	Living/ Kitchen	2.0	2.7	Y
C2	38	Bedroom 1	1.0	7.6	Y
C2	38	Living/ Kitchen	2.0	2.6	Y
C2	39	Bedroom 1	1.0	7.6	Y
C2	39	Living/ Kitchen	2.0	5.8	Y
C2	40	Bedroom 1	1.0	6.2	Y
C2	40	Bedroom 2	1.0	7.5	Y
C2	40	Living/ Kitchen	2.0	8.9	Y
C2	41	Bedroom 1	1.0	8.3	Y
C2	41	Bedroom 2	1.0	7.6	Y
C2	41	Living/ Kitchen	2.0	5.4	Y
C2	42	Bedroom 1	1.0	8.3	Y
C2	42	Bedroom 2	1.0	4.6	Y
C2	42	Living/ Kitchen	2.0	8.3	Y
C2	43	Bedroom 1	1.0	8.3	Y
C2	43	Living/ Kitchen	2.0	4.6	Y
C2	44	Bedroom 1	1.0	8.3	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
C2	44	Living/ Kitchen	2.0	4.6	Y
C2	45	Bedroom 1	1.0	7.5	Y
C2	45	Bedroom 2	1.0	8.4	Y
C2	45	Living/ Kitchen	2.0	3.6	Y
C2	46	Bedroom 1	1.0	4.6	Y
C2	46	Bedroom 2	1.0	6.2	Y
C2	46	Living/ Kitchen	2.0	7.5	Y
C2	47	Bedroom 1	1.0	4.6	Y
C2	47	Bedroom 2	1.0	6.2	Y
C2	47	Living/ Kitchen	2.0	7.5	Y
C2	48	Bedroom 1	1.0	4.4	Y
C2	48	Bedroom 2	1.0	3.6	Y
C2	48	Living/ Kitchen	2.0	4.9	Y
C2	49	Bedroom 1	1.0	6.9	Y
C2	49	Bedroom 2	1.0	6.9	Y
C2	49	Living/ Kitchen	2.0	2.9	Y
C2	50	Bedroom 1	1.0	4.5	Y
C2	50	Bedroom 2	1.0	6.2	Y
C2	50	Living/ Kitchen	2.0	7.5	Y
C2	51	Bedroom 1	1.0	8.3	Y
C2	51	Living/ Kitchen	2.0	4.5	Y
C2	52	Bedroom 1	1.0	3.2	Y
C2	52	Bedroom 2	1.0	2.9	Y
C2	52	Living/ Kitchen	2.0	2.9	Y
C2	53	Bedroom 1	1.0	8.3	Y
C2	53	Living/ Kitchen	2.0	2.8	Y
C2	54	Bedroom 1	1.0	8.3	Y
C2	54	Living/ Kitchen	2.0	6.3	Y
C2	56	Bedroom 1	1.0	9.1	Y
C2	56	Bedroom 2	1.0	8.3	Y
C2	56	Living/ Kitchen	2.0	5.8	Y
C2	57	Bedroom 1	1.0	9.0	Y
C2	57	Bedroom 2	1.0	5.0	Y
C2	57	Living/ Kitchen	2.0	9.0	Y
C2	58	Bedroom 1	1.0	8.9	Y
C2	58	Living/ Kitchen	2.0	3.0	Y
C2	59	Bedroom 1	1.0	8.9	Y
C2	59	Living/ Kitchen	2.0	6.7	Y
C2	60	Bedroom 1	1.0	8.3	Y
C2	60	Bedroom 2	1.0	9.1	Y
C2	60	Living/ Kitchen	2.0	6.8	Y
C2	61	Bedroom 1	1.0	4.8	Y
C2	61	Bedroom 2	1.0	3.9	Y
C2	61	Living/ Kitchen	2.0	5.3	Y
C2	62	Bedroom 1	1.0	3.5	Y
C2	62	Bedroom 2	1.0	3.2	Y
C2	62	Living/ Kitchen	2.0	3.2	Y
C2	63	Bedroom 1	1.0	9.0	Y
C2	63	Living/ Kitchen	2.0	3.1	Y
C2	64	Bedroom 1	1.0	9.0	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
C2	64	Living/ Kitchen	2.0	6.8	Y
C2	65	Bedroom 1	1.0	9.8	Y
C2	65	Bedroom 2	1.0	9.0	Y
C2	65	Living/ Kitchen	2.0	6.3	Y
C2	66	Bedroom 1	1.0	9.8	Y
C2	66	Bedroom 2	1.0	5.4	Y
C2	66	Living/ Kitchen	2.0	9.8	Y
C2	67	Bedroom 1	1.0	9.7	Y
C2	67	Living/ Kitchen	2.0	3.3	Y
C2	68	Bedroom 1	1.0	9.7	Y
C2	68	Living/ Kitchen	2.0	7.3	Y
C2	69	Bedroom 1	1.0	9.0	Y
C2	69	Bedroom 2	1.0	9.9	Y
C2	69	Living/ Kitchen	2.0	7.4	Y
C2	70	Bedroom 1	1.0	5.2	Y
C2	70	Bedroom 2	1.0	4.2	Y
C2	70	Living/ Kitchen	2.0	5.7	Y
C2	71	Bedroom 1	1.0	3.8	Y
C2	71	Bedroom 2	1.0	3.5	Y
C2	71	Living/ Kitchen	2.0	3.5	Y
C2	72	Bedroom 1	1.0	9.7	Y
C2	72	Living/ Kitchen	2.0	3.3	Y
C2	73	Bedroom 1	1.0	9.8	Y
C2	73	Living/ Kitchen	2.0	7.4	Y
C3	2	Bedroom 1	1.0	6.5	Y
C3	2	Living/ Kitchen	2.0	2.3	Y
C3	3	Bedroom 1	1.0	5.3	Y
C3	3	Bedroom 2	1.0	4.9	Y
C3	3	Living/ Kitchen	2.0	5.0	Y
C3	4	Bedroom 1	1.0	6.5	Y
C3	4	Living/ Kitchen	2.0	2.3	Y
C3	5	Bedroom 1	1.0	6.5	Y
C3	5	Living/ Kitchen	2.0	2.3	Y
C3	6	Bedroom 1	1.0	5.3	Y
C3	6	Bedroom 2	1.0	6.4	Y
C3	6	Living/ Kitchen	2.0	7.5	Y
C3	7	Bedroom 1	1.0	7.1	Y
C3	7	Bedroom 2	1.0	6.5	Y
C3	7	Living/ Kitchen	2.0	4.6	Y
C3	8	Bedroom 1	1.0	7.3	Y
C3	8	Bedroom 2	1.0	6.6	Y
C3	8	Bedroom 3	2.0	7.8	Y
C3	8	Living/ Kitchen	1.0	7.3	Y
C3	9	Bedroom 1	1.0	3.9	Y
C3	9	Bedroom 2	1.0	5.3	Y
C3	9	Living/ Kitchen	2.0	6.4	Y
C3	10	Bedroom 1	1.0	6.4	Y
C3	10	Bedroom 2	1.0	2.8	Y
C3	10	Living/ Kitchen	2.0	2.9	Y
C3	11	Bedroom 1	1.0	4.6	Y
C3	11	Living/ Kitchen	2.0	2.2	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
C3	12	Bedroom 1	1.0	3.9	Y
C3	12	Bedroom 2	1.0	5.3	Y
C3	12	Living/ Kitchen	2.0	6.3	Y
C3	13	Bedroom 1	1.0	3.9	Y
C3	13	Bedroom 2	1.0	5.3	Y
C3	13	Living/ Kitchen	2.0	6.4	Y
C3	14	Bedroom 1	1.0	5.8	Y
C3	14	Bedroom 2	1.0	5.3	Y
C3	14	Living/ Kitchen	2.0	5.4	Y
C3	15	Bedroom 1	1.0	5.9	Y
C3	15	Bedroom 2	1.0	5.9	Y
C3	15	Living/ Kitchen	2.0	2.5	Y
C3	16	Bedroom 1	1.0	3.8	Y
C3	16	Bedroom 2	1.0	5.3	Y
C3	16	Living/ Kitchen	2.0	6.3	Y
C3	17	Bedroom 1	1.0	3.8	Y
C3	17	Bedroom 2	1.0	5.3	Y
C3	17	Living/ Kitchen	2.0	6.3	Y
C3	18	Bedroom 1	1.0	3.8	Y
C3	18	Bedroom 2	1.0	5.3	Y
C3	18	Living/ Kitchen	2.0	6.3	Y
C3	19	Bedroom 1	1.0	2.7	Y
C3	19	Bedroom 2	1.0	2.5	Y
C3	19	Living/ Kitchen	2.0	2.5	Y
C3	20	Bedroom 1	1.0	7.0	Y
C3	20	Living/ Kitchen	2.0	2.4	Y
C3	21	Bedroom 1	1.0	7.0	Y
C3	21	Living/ Kitchen	2.0	5.3	Y
C3	22	Bedroom 1	1.0	5.7	Y
C3	22	Bedroom 2	1.0	6.9	Y
C3	22	Living/ Kitchen	2.0	8.2	Y
C3	23	Bedroom 1	1.0	7.7	Y
C3	23	Bedroom 2	1.0	7.0	Y
C3	23	Living/ Kitchen	2.0	5.0	Y
C3	24	Bedroom 1	1.0	7.9	Y
C3	24	Bedroom 2	1.0	7.2	Y
C3	24	Bedroom 3	1.0	8.4	Y
C3	24	Living/ Kitchen	2.0	7.9	Y
C3	25	Bedroom 1	1.0	4.2	Y
C3	25	Bedroom 2	1.0	5.7	Y
C3	25	Living/ Kitchen	2.0	6.9	Y
C3	26	Bedroom 1	1.0	6.9	Y
C3	26	Bedroom 2	1.0	3.0	Y
C3	26	Living/ Kitchen	2.0	3.2	Y
C3	27	Bedroom 1	1.0	5.0	Y
C3	27	Living/ Kitchen	2.0	2.4	Y
C3	28	Bedroom 1	1.0	4.2	Y
C3	28	Bedroom 2	1.0	5.7	Y
C3	28	Living/ Kitchen	2.0	6.9	Y
C3	29	Bedroom 1	1.0	4.2	Y
C3	29	Bedroom 2	1.0	5.7	Y
C3	29	Living/ Kitchen	2.0	6.9	Y
C3	30	Bedroom 1	1.0	6.3	Y
C3	30	Bedroom 2	1.0	5.7	Y
C3	30	Living/ Kitchen	2.0	5.9	Y
C3	31	Bedroom 1	1.0	6.4	Y
C3	31	Bedroom 2	1.0	6.4	Y
C3	31	Living/ Kitchen	2.0	2.7	Y
C3	32	Bedroom 1	1.0	4.2	Y
C3	32	Bedroom 2	1.0	5.7	Y
C3	32	Living/ Kitchen	2.0	6.9	Y
C3	33	Bedroom 1	1.0	4.2	Y
C3	33	Bedroom 2	1.0	5.7	Y
C3	33	Living/ Kitchen	2.0	6.9	Y

Block	Unit No.	Room	ADF target (%)	ADF results (%)	Meets minimum ADF target
C3	34	Bedroom 1	1.0	4.2	Y
C3	34	Bedroom 2	1.0	5.7	Y
C3	34	Living/ Kitchen	2.0	6.9	Y
C3	35	Bedroom 1	1.0	2.9	Y
C3	35	Bedroom 2	1.0	2.7	Y
C3	35	Living/ Kitchen	2.0	2.7	Y
C3	36	Bedroom 1	1.0	7.6	Y
C3	36	Living/ Kitchen	2.0	2.6	Y
C3	37	Bedroom 1	1.0	7.6	Y
C3	37	Living/ Kitchen	2.0	5.8	Y
C3	39	Bedroom 1	1.0	8.3	Y
C3	39	Bedroom 2	1.0	7.6	Y
C3	39	Living/ Kitchen	2.0	5.4	Y
C3	40	Bedroom 1	1.0	8.5	Y
C3	40	Bedroom 2	1.0	7.8	Y
C3	40	Bedroom 3	1.0	9.2	Y
C3	40	Living/ Kitchen	2.0	8.5	Y
C3	41	Bedroom 1	1.0	4.6	Y
C3	41	Bedroom 2	1.0	6.2	Y
C3	41	Living/ Kitchen	2.0	7.5	Y
C3	42	Bedroom 1	1.0	7.5	Y
C3	42	Bedroom 2	1.0	3.2	Y
C3	42	Living/ Kitchen	2.0	3.4	Y
C3	43	Bedroom 1	1.0	5.4	Y
C3	43	Living/ Kitchen	2.0	2.6	Y
C3	44	Bedroom 1	1.0	4.5	Y
C3	44	Bedroom 2	1.0	6.2	Y
C3	44	Living/ Kitchen	2.0	7.5	Y
C3	45	Bedroom 1	1.0	4.6	Y
C3	45	Bedroom 2	1.0	6.2	Y
C3	45	Living/ Kitchen	2.0	7.5	Y
C3	46	Bedroom 1	1.0	6.8	Y
C3	46	Bedroom 2	1.0	6.2	Y
C3	46	Living/ Kitchen	2.0	6.4	Y
C3	47	Bedroom 1	1.0	6.9	Y
C3	47	Bedroom 2	1.0	6.9	Y
C3	47	Living/ Kitchen	2.0	2.9	Y
C3	48	Bedroom 1	1.0	4.5	Y
C3	48	Bedroom 2	1.0	6.2	Y
C3	48	Living/ Kitchen	2.0	7.5	Y
C3	49	Bedroom 1	1.0	4.5	Y
C3	49	Bedroom 2	1.0	6.2	Y
C3	49	Living/ Kitchen	2.0	7.5	Y
C3	50	Bedroom 1	1.0	4.5	Y
C3	50	Bedroom 2	1.0	6.2	Y
C3	50	Living/ Kitchen	2.0	7.5	Y
C3	51	Bedroom 1	1.0	3.2	Y
C3	51	Bedroom 2	1.0	2.9	Y
C3	51	Living/ Kitchen	2.0	2.9	Y
C3	52	Bedroom 1	1.0	8.3	Y
C3	52	Living/ Kitchen	2.0	2.8	Y
C3	53	Bedroom 1	1.0	8.3	Y
C3	53	Living/ Kitchen	2.0	6.3	Y

Table 2 - Average Daylight Factor Results (2011 Methodology)

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
A1	1	Bedroom 1	100	Y	100	Y
A1	1	Living/ Kitchen	95	Y	100	Y
A1	2	Bedroom 1	100	Y	100	Y
A1	2	Bedroom 2	100	Y	100	Y
A1	2	Living/ Kitchen	100	Y	100	Y
A1	3	Bedroom 1	100	Y	100	Y
A1	3	Bedroom 2	100	Y	100	Y
A1	3	Living/ Kitchen	100	Y	100	Y
A1	4	Bedroom 1	95	Y	100	Y
A1	4	Bedroom 2	100	Y	100	Y
A1	4	Living/ Kitchen	99	Y	100	Y
A1	5	Bedroom 1	100	Y	100	Y
A1	5	Bedroom 2	100	Y	100	Y
A1	5	Living/ Kitchen	100	Y	100	Y
A1	6	Bedroom 1	100	Y	100	Y
A1	6	Bedroom 2	100	Y	100	Y
A1	6	Living/ Kitchen	100	Y	100	Y
A1	7	Bedroom 1	100	Y	100	Y
A1	7	Living/ Kitchen	100	Y	100	Y
A1	8	Bedroom 1	100	Y	100	Y
A1	8	Bedroom 2	100	Y	100	Y
A1	8	Living/ Kitchen	100	Y	100	Y
A1	9	Bedroom 1	100	Y	100	Y
A1	9	Bedroom 2	100	Y	100	Y
A1	9	Living/ Kitchen	100	Y	100	Y
A1	10	Bedroom 1	100	Y	100	Y
A1	10	Bedroom 2	100	Y	100	Y
A1	10	Living/ Kitchen	100	Y	100	Y
A1	11	Bedroom 1	100	Y	100	Y
A1	11	Bedroom 2	100	Y	100	Y
A1	11	Living/ Kitchen	100	Y	100	Y
A1	12	Bedroom 1	100	Y	100	Y
A1	12	Bedroom 2	100	Y	100	Y
A1	12	Living/ Kitchen	100	Y	100	Y
A1	13	Bedroom 1	100	Y	100	Y
A1	13	Living/ Kitchen	100	Y	100	Y
A1	14	Bedroom 1	100	Y	100	Y
A1	14	Bedroom 2	100	Y	100	Y
A1	14	Living/ Kitchen	100	Y	100	Y
A1	15	Bedroom 1	100	Y	100	Y
A1	15	Bedroom 2	100	Y	100	Y
A1	15	Living/ Kitchen	100	Y	100	Y
A1	16	Bedroom 1	100	Y	100	Y
A1	16	Bedroom 2	100	Y	100	Y
A1	16	Living/ Kitchen	100	Y	100	Y
A1	17	Bedroom 1	100	Y	100	Y
A1	17	Bedroom 2	100	Y	100	Y
A1	17	Living/ Kitchen	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
A1	18	Bedroom 1	100	Y	100	Y
A1	18	Bedroom 2	100	Y	100	Y
A1	18	Living/ Kitchen	100	Y	100	Y
A2	1	Bedroom 1	95	Y	100	Y
A2	1	Living/ Kitchen	95	Y	100	Y
A2	2	Bedroom 1	100	Y	100	Y
A2	2	Bedroom 2	95	Y	100	Y
A2	2	Living/ Kitchen	100	Y	100	Y
A2	3	Bedroom 1	100	Y	100	Y
A2	3	Bedroom 2	100	Y	100	Y
A2	3	Living/ Kitchen	100	Y	100	Y
A2	4	Bedroom 1	95	Y	100	Y
A2	4	Bedroom 2	100	Y	100	Y
A2	4	Living/ Kitchen	99	Y	100	Y
A2	5	Bedroom 1	95	Y	100	Y
A2	5	Bedroom 2	100	Y	100	Y
A2	5	Living/ Kitchen	100	Y	100	Y
A2	6	Bedroom 1	100	Y	100	Y
A2	6	Bedroom 2	99	Y	100	Y
A2	6	Living/ Kitchen	100	Y	100	Y
A2	7	Bedroom 1	100	Y	100	Y
A2	7	Bedroom 2	100	Y	100	Y
A2	7	Living/ Kitchen	95	Y	100	Y
A2	8	Bedroom 1	100	Y	100	Y
A2	8	Bedroom 2	100	Y	100	Y
A2	8	Living/ Kitchen	95	Y	100	Y
A2	9	Bedroom 1	100	Y	100	Y
A2	9	Bedroom 2	100	Y	100	Y
A2	9	Living/ Kitchen	95	Y	100	Y
A2	10	Bedroom 1	100	Y	100	Y
A2	10	Bedroom 2	100	Y	100	Y
A2	10	Living/ Kitchen	95	Y	100	Y
A2	11	Bedroom 1	100	Y	100	Y
A2	11	Living/ Kitchen	100	Y	100	Y
A2	12	Bedroom 1	100	Y	100	Y
A2	12	Bedroom 2	100	Y	100	Y
A2	12	Living/ Kitchen	100	Y	100	Y
A2	13	Bedroom 1	100	Y	100	Y
A2	13	Bedroom 2	100	Y	100	Y
A2	13	Living/ Kitchen	100	Y	100	Y
A2	14	Bedroom 1	100	Y	100	Y
A2	14	Bedroom 2	100	Y	100	Y
A2	14	Living/ Kitchen	100	Y	100	Y
A2	15	Bedroom 1	100	Y	100	Y
A2	15	Bedroom 2	100	Y	100	Y
A2	15	Living/ Kitchen	100	Y	100	Y
A2	16	Bedroom 1	100	Y	100	Y
A2	16	Bedroom 2	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
A2	16	Living/ Kitchen	100	Y	100	Y
A2	17	Bedroom 1	100	Y	100	Y
A2	17	Bedroom 2	100	Y	100	Y
A2	17	Living/ Kitchen	100	Y	100	Y
A2	18	Bedroom 1	100	Y	100	Y
A2	18	Bedroom 2	100	Y	100	Y
A2	18	Living/ Kitchen	100	Y	100	Y
A2	19	Bedroom 1	100	Y	100	Y
A2	19	Bedroom 2	100	Y	100	Y
A2	19	Living/ Kitchen	100	Y	100	Y
A2	20	Bedroom 1	100	Y	100	Y
A2	20	Bedroom 2	100	Y	100	Y
A2	20	Living/ Kitchen	100	Y	100	Y
A2	21	Bedroom 1	100	Y	100	Y
A2	21	Bedroom 2	100	Y	100	Y
A2	21	Living/ Kitchen	100	Y	100	Y
A2	22	Bedroom 1	100	Y	100	Y
A2	22	Bedroom 2	100	Y	100	Y
A2	22	Living/ Kitchen	100	Y	100	Y
A2	23	Bedroom 1	100	Y	100	Y
A2	23	Bedroom 2	100	Y	100	Y
A2	23	Living/ Kitchen	100	Y	100	Y
A2	24	Bedroom 1	100	Y	100	Y
A2	24	Bedroom 2	100	Y	100	Y
A2	24	Living/ Kitchen	100	Y	100	Y
B1	1	Bedroom 1	100	Y	100	Y
B1	1	Bedroom 2	100	Y	100	Y
B1	1	Bedroom 3	100	Y	100	Y
B1	1	Living/ Kitchen	100	Y	100	Y
B1	2	Bedroom 1	100	Y	100	Y
B1	2	Bedroom 2	100	Y	100	Y
B1	2	Living/ Kitchen	100	Y	100	Y
B1	3	Bedroom 1	100	Y	100	Y
B1	3	Living/ Kitchen	100	Y	100	Y
B1	4	Bedroom 1	100	Y	100	Y
B1	4	Bedroom 2	96	Y	100	Y
B1	4	Living/ Kitchen	100	Y	100	Y
B1	5	Bedroom 1	100	Y	100	Y
B1	5	Bedroom 2	96	Y	100	Y
B1	5	Living/ Kitchen	99	Y	100	Y
B1	6	Bedroom 1	100	Y	100	Y
B1	6	Living/ Kitchen	95	Y	100	Y
B1	7	Bedroom 1	100	Y	100	Y
B1	7	Bedroom 2	100	Y	100	Y
B1	7	Bedroom 3	100	Y	100	Y
B1	7	Living/ Kitchen	100	Y	100	Y
B1	8	Bedroom 1	95	Y	100	Y
B1	8	Bedroom 2	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
B1	8	Living/ Kitchen	100	Y	100	Y
B1	9	Bedroom 1	95	Y	100	Y
B1	9	Living/ Kitchen	100	Y	100	Y
B1	10	Bedroom 1	100	Y	100	Y
B1	10	Bedroom 2	100	Y	100	Y
B1	10	Living/ Kitchen	100	Y	100	Y
B1	11	Bedroom 1	100	Y	100	Y
B1	11	Bedroom 2	100	Y	100	Y
B1	11	Living/ Kitchen	100	Y	100	Y
B1	12	Bedroom 1	100	Y	100	Y
B1	12	Living/ Kitchen	100	Y	100	Y
B1	13	Bedroom 1	100	Y	100	Y
B1	13	Bedroom 2	100	Y	100	Y
B1	13	Bedroom 3	100	Y	100	Y
B1	13	Living/ Kitchen	100	Y	100	Y
B1	14	Bedroom 1	100	Y	100	Y
B1	14	Bedroom 2	100	Y	100	Y
B1	14	Living/ Kitchen	100	Y	100	Y
B1	15	Bedroom 1	100	Y	100	Y
B1	15	Living/ Kitchen	100	Y	100	Y
B1	16	Bedroom 1	100	Y	100	Y
B1	16	Bedroom 2	100	Y	100	Y
B1	16	Living/ Kitchen	100	Y	100	Y
B1	17	Bedroom 1	100	Y	100	Y
B1	17	Bedroom 2	100	Y	100	Y
B1	17	Living/ Kitchen	100	Y	100	Y
B1	18	Bedroom 1	100	Y	100	Y
B1	18	Living/ Kitchen	100	Y	100	Y
B1	19	Bedroom 1	100	Y	100	Y
B1	19	Bedroom 2	100	Y	100	Y
B1	19	Bedroom 3	100	Y	100	Y
B1	19	Living/ Kitchen	100	Y	100	Y
B1	20	Bedroom 1	100	Y	100	Y
B1	20	Bedroom 2	100	Y	100	Y
B1	20	Living/ Kitchen	100	Y	100	Y
B1	21	Bedroom 1	100	Y	100	Y
B1	21	Living/ Kitchen	100	Y	100	Y
B1	22	Bedroom 1	100	Y	100	Y
B1	22	Bedroom 2	100	Y	100	Y
B1	22	Living/ Kitchen	100	Y	100	Y
B1	23	Bedroom 1	100	Y	100	Y
B1	23	Bedroom 2	100	Y	100	Y
B1	23	Living/ Kitchen	100	Y	100	Y
B1	24	Bedroom 1	100	Y	100	Y
B1	24	Living/ Kitchen	100	Y	100	Y
B1	25	Bedroom 1	100	Y	100	Y
B1	25	Bedroom 2	100	Y	100	Y
B1	25	Bedroom 3	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
B1	25	Living/ Kitchen	100	Y	100	Y
B1	26	Bedroom 1	100	Y	100	Y
B1	26	Bedroom 2	100	Y	100	Y
B1	26	Living/ Kitchen	100	Y	100	Y
B1	27	Bedroom 1	100	Y	100	Y
B1	27	Bedroom 2	100	Y	100	Y
B1	27	Living/ Kitchen	100	Y	100	Y
B1	28	Bedroom 1	100	Y	100	Y
B1	28	Bedroom 2	100	Y	100	Y
B1	28	Living/ Kitchen	100	Y	100	Y
B1	29	Bedroom 1	100	Y	100	Y
B1	29	Living/ Kitchen	100	Y	100	Y
B2	1	Bedroom 1	100	Y	100	Y
B2	1	Bedroom 2	100	Y	100	Y
B2	1	Living/ Kitchen	100	Y	100	Y
B2	2	Bedroom 1	100	Y	100	Y
B2	2	Bedroom 2	100	Y	100	Y
B2	2	Living/ Kitchen	100	Y	100	Y
B2	3	Bedroom 1	100	Y	100	Y
B2	3	Living/ Kitchen	80	N	100	Y
B2	4	Bedroom 1	100	Y	100	Y
B2	4	Bedroom 2	100	Y	100	Y
B2	4	Living/ Kitchen	100	Y	100	Y
B2	5	Bedroom 1	100	Y	100	Y
B2	5	Bedroom 2	100	Y	100	Y
B2	5	Living/ Kitchen	100	Y	100	Y
B2	6	Bedroom 1	95	Y	100	Y
B2	6	Bedroom 2	100	Y	100	Y
B2	6	Living/ Kitchen	95	Y	100	Y
B2	7	Bedroom 1	100	Y	100	Y
B2	7	Living/ Kitchen	95	Y	99	Y
B2	8	Bedroom 1	100	Y	100	Y
B2	8	Living/ Kitchen	95	Y	99	Y
B2	9	Bedroom 1	100	Y	100	Y
B2	9	Bedroom 2	100	Y	100	Y
B2	9	Living/ Kitchen	95	Y	100	Y
B2	10	Bedroom 1	100	Y	100	Y
B2	10	Bedroom 2	100	Y	100	Y
B2	10	Living/ Kitchen	100	Y	100	Y
B2	11	Bedroom 1	100	Y	100	Y
B2	11	Living/ Kitchen	80	N	100	Y
B2	12	Bedroom 1	100	Y	100	Y
B2	12	Living/ Kitchen	80	N	100	Y
B2	13	Bedroom 1	100	Y	100	Y
B2	13	Living/ Kitchen	95	Y	100	Y
B2	14	Bedroom 1	100	Y	100	Y
B2	14	Bedroom 2	100	Y	100	Y
B2	14	Living/ Kitchen	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
B2	15	Bedroom 1	100	Y	100	Y
B2	15	Living/ Kitchen	95	Y	100	Y
B2	16	Bedroom 1	100	Y	100	Y
B2	16	Living/ Kitchen	95	Y	100	Y
B2	17	Bedroom 1	100	Y	100	Y
B2	17	Bedroom 2	100	Y	100	Y
B2	17	Living/ Kitchen	100	Y	100	Y
B2	18	Bedroom 1	100	Y	100	Y
B2	18	Bedroom 2	100	Y	100	Y
B2	18	Living/ Kitchen	100	Y	100	Y
B2	19	Bedroom 1	100	Y	100	Y
B2	19	Living/ Kitchen	95	Y	100	Y
B2	20	Bedroom 1	100	Y	100	Y
B2	20	Living/ Kitchen	95	Y	100	Y
B2	21	Bedroom 1	100	Y	100	Y
B2	21	Living/ Kitchen	100	Y	100	Y
B2	22	Bedroom 1	100	Y	100	Y
B2	22	Bedroom 2	100	Y	100	Y
B2	22	Living/ Kitchen	100	Y	100	Y
B2	23	Bedroom 1	100	Y	100	Y
B2	23	Living/ Kitchen	100	Y	100	Y
B2	24	Bedroom 1	100	Y	100	Y
B2	24	Living/ Kitchen	100	Y	100	Y
B2	25	Bedroom 1	100	Y	100	Y
B2	25	Bedroom 2	100	Y	100	Y
B2	25	Living/ Kitchen	100	Y	100	Y
B2	26	Bedroom 1	100	Y	100	Y
B2	26	Bedroom 2	100	Y	100	Y
B2	26	Living/ Kitchen	100	Y	100	Y
B2	27	Bedroom 1	100	Y	100	Y
B2	27	Living/ Kitchen	100	Y	100	Y
B2	28	Bedroom 1	100	Y	100	Y
B2	28	Living/ Kitchen	100	Y	100	Y
B2	29	Bedroom 1	100	Y	100	Y
B2	29	Living/ Kitchen	100	Y	100	Y
B2	30	Bedroom 1	100	Y	100	Y
B2	30	Bedroom 2	100	Y	100	Y
B2	30	Living/ Kitchen	100	Y	100	Y
B2	31	Bedroom 1	100	Y	100	Y
B2	31	Living/ Kitchen	100	Y	100	Y
B2	32	Bedroom 1	100	Y	100	Y
B2	32	Living/ Kitchen	100	Y	100	Y
B2	33	Bedroom 1	100	Y	100	Y
B2	33	Bedroom 2	100	Y	100	Y
B2	33	Living/ Kitchen	100	Y	100	Y
B2	34	Bedroom 1	100	Y	100	Y
B2	34	Bedroom 2	100	Y	100	Y
B2	34	Living/ Kitchen	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
B2	35	Bedroom 1	100	Y	100	Y
B2	35	Living/ Kitchen	100	Y	100	Y
B2	36	Bedroom 1	100	Y	100	Y
B2	36	Living/ Kitchen	100	Y	100	Y
B2	37	Bedroom 1	100	Y	100	Y
B2	37	Bedroom 2	100	Y	100	Y
B2	37	Living/ Kitchen	100	Y	100	Y
B2	38	Bedroom 1	100	Y	100	Y
B2	38	Bedroom 2	100	Y	100	Y
B2	38	Living/ Kitchen	100	Y	100	Y
B2	39	Bedroom 1	100	Y	100	Y
B2	39	Bedroom 2	100	Y	100	Y
B2	39	Living/ Kitchen	100	Y	100	Y
B2	40	Bedroom 1	100	Y	100	Y
B2	40	Living/ Kitchen	100	Y	100	Y
B3	1	Bedroom 1	100	Y	100	Y
B3	1	Bedroom 2	100	Y	100	Y
B3	1	Living/ Kitchen	100	Y	100	Y
B3	2	Bedroom 1	100	Y	100	Y
B3	2	Bedroom 2	100	Y	100	Y
B3	2	Living/ Kitchen	100	Y	100	Y
B3	3	Bedroom 1	90	N	100	Y
B3	3	Living/ Kitchen	50	N	76	Y
B3	4	Bedroom 1	95	N	100	Y
B3	4	Living/ Kitchen	85	N	100	Y
B3	5	Bedroom 1	100	Y	100	Y
B3	5	Living/ Kitchen	80	N	100	Y
B3	6	Bedroom 1	100	Y	100	Y
B3	6	Bedroom 2	100	Y	100	Y
B3	6	Living/ Kitchen	100	Y	100	Y
B3	7	Bedroom 1	100	Y	100	Y
B3	7	Bedroom 2	100	Y	100	Y
B3	7	Living/ Kitchen	100	Y	100	Y
B3	8	Bedroom 1	100	Y	100	Y
B3	8	Living/ Kitchen	66	N	87	Y
B3	9	Bedroom 1	100	Y	100	Y
B3	9	Living/ Kitchen	66	N	87	Y
B3	10	Bedroom 1	100	Y	100	Y
B3	10	Bedroom 2	100	Y	100	Y
B3	10	Living/ Kitchen	100	Y	100	Y
B3	11	Bedroom 1	100	Y	100	Y
B3	11	Bedroom 2	100	Y	100	Y
B3	11	Living/ Kitchen	100	Y	100	Y
B3	12	Bedroom 1	100	Y	100	Y
B3	12	Bedroom 2	100	Y	100	Y
B3	12	Living/ Kitchen	100	Y	100	Y
B3	13	Bedroom 1	95	N	100	Y
B3	13	Living/ Kitchen	85	N	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
B3	14	Bedroom 1	100	Y	100	Y
B3	14	Living/ Kitchen	100	Y	100	Y
B3	15	Bedroom 1	100	Y	100	Y
B3	15	Living/ Kitchen	100	Y	100	Y
B3	16	Bedroom 1	100	Y	100	Y
B3	16	Bedroom 2	100	Y	100	Y
B3	16	Living/ Kitchen	100	Y	100	Y
B3	17	Bedroom 1	100	Y	100	Y
B3	17	Bedroom 2	100	Y	100	Y
B3	17	Living/ Kitchen	100	Y	100	Y
B3	18	Bedroom 1	100	Y	100	Y
B3	18	Living/ Kitchen	100	Y	100	Y
B3	19	Bedroom 1	100	Y	100	Y
B3	19	Living/ Kitchen	100	Y	100	Y
B3	20	Bedroom 1	100	Y	100	Y
B3	20	Bedroom 2	100	Y	100	Y
B3	20	Living/ Kitchen	100	Y	100	Y
B3	21	Bedroom 1	100	Y	100	Y
B3	21	Bedroom 2	100	Y	100	Y
B3	21	Living/ Kitchen	100	Y	100	Y
B3	22	Bedroom 1	100	Y	100	Y
B3	22	Bedroom 2	100	Y	100	Y
B3	22	Living/ Kitchen	100	Y	100	Y
B3	23	Bedroom 1	100	Y	100	Y
B3	23	Living/ Kitchen	100	Y	100	Y
B3	24	Bedroom 1	100	Y	100	Y
B3	24	Living/ Kitchen	100	Y	100	Y
B3	25	Bedroom 1	100	Y	100	Y
B3	25	Living/ Kitchen	100	Y	100	Y
B3	26	Bedroom 1	100	Y	100	Y
B3	26	Bedroom 2	100	Y	100	Y
B3	26	Living/ Kitchen	100	Y	100	Y
B3	27	Bedroom 1	100	Y	100	Y
B3	27	Bedroom 2	100	Y	100	Y
B3	27	Living/ Kitchen	100	Y	100	Y
B3	28	Bedroom 1	100	Y	100	Y
B3	28	Living/ Kitchen	100	Y	100	Y
B3	29	Bedroom 1	100	Y	100	Y
B3	29	Living/ Kitchen	100	Y	100	Y
B3	30	Bedroom 1	100	Y	100	Y
B3	30	Bedroom 2	100	Y	100	Y
B3	30	Living/ Kitchen	100	Y	100	Y
B3	31	Bedroom 1	100	Y	100	Y
B3	31	Living/ Kitchen	100	Y	100	Y
B3	32	Bedroom 1	100	Y	100	Y
B3	32	Living/ Kitchen	100	Y	100	Y
B3	33	Bedroom 1	100	Y	100	Y
B3	33	Living/ Kitchen	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
B3	34	Bedroom 1	100	Y	100	Y
B3	34	Bedroom 2	100	Y	100	Y
B3	34	Living/ Kitchen	100	Y	100	Y
B3	35	Bedroom 1	100	Y	100	Y
B3	35	Bedroom 2	100	Y	100	Y
B3	35	Living/ Kitchen	100	Y	100	Y
B3	36	Bedroom 1	100	Y	100	Y
B3	36	Living/ Kitchen	100	Y	100	Y
B3	37	Bedroom 1	100	Y	100	Y
B3	37	Living/ Kitchen	100	Y	100	Y
B3	38	Bedroom 1	100	Y	100	Y
B3	38	Bedroom 2	100	Y	100	Y
B3	38	Living/ Kitchen	100	Y	100	Y
B3	39	Bedroom 1	100	Y	100	Y
B3	39	Living/ Kitchen	100	Y	100	Y
B3	40	Bedroom 1	100	Y	100	Y
B3	40	Living/ Kitchen	100	Y	100	Y
B3	41	Bedroom 1	100	Y	100	Y
B3	41	Bedroom 2	100	Y	100	Y
B3	41	Living/ Kitchen	100	Y	100	Y
B3	42	Bedroom 1	100	Y	100	Y
B3	42	Bedroom 2	100	Y	100	Y
B3	42	Living/ Kitchen	100	Y	100	Y
B3	43	Bedroom 1	100	Y	100	Y
B3	43	Bedroom 2	100	Y	100	Y
B3	43	Living/ Kitchen	100	Y	100	Y
B4	1	Bedroom 1	60	N	65	Y
B4	1	Bedroom 2	30	N	45	N
B4	1	Bedroom 3	100	Y	100	Y
B4	1	Living/ Kitchen	100	Y	100	Y
B4	2	Bedroom 1	100	Y	100	Y
B4	2	Bedroom 2	95	Y	86	Y
B4	2	Bedroom 3	95	Y	86	Y
B4	2	Living/ Kitchen	100	Y	100	Y
B4	3	Bedroom 1	100	Y	100	Y
B4	3	Bedroom 2	95	Y	86	Y
B4	3	Bedroom 3	95	Y	86	Y
B4	3	Living/ Kitchen	100	Y	100	Y
B4	4	Bedroom 1	95	Y	86	Y
B4	4	Bedroom 2	95	Y	86	Y
B4	4	Bedroom 3	95	Y	86	Y
B4	4	Living/ Kitchen	100	Y	100	Y
B4	5	Bedroom 1	100	Y	100	Y
B4	5	Living/ Kitchen	68	N	100	Y
B4	6	Bedroom 1	75	Y	100	Y
B4	6	Bedroom 2	80	Y	100	Y
B4	6	Living/ Kitchen	68	N	100	Y
B4	7	Bedroom 1	85	N	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
B4	7	Bedroom 2	80	N	100	Y
B4	7	Living/ Kitchen	90	N	100	Y
B4	8	Bedroom 1	95	Y	100	Y
B4	8	Living/ Kitchen	90	N	100	Y
B4	9	Bedroom 1	95	Y	100	Y
B4	9	Living/ Kitchen	90	N	100	Y
B4	10	Bedroom 1	95	Y	100	Y
B4	10	Living/ Kitchen	90	N	100	Y
B4	11	Bedroom 1	75	Y	100	Y
B4	11	Bedroom 2	80	N	100	Y
B4	11	Living/ Kitchen	88	N	100	Y
B4	12	Bedroom 1	90	N	100	Y
B4	12	Bedroom 2	90	N	100	Y
B4	12	Living/ Kitchen	90	N	100	Y
B4	13	Bedroom 1	100	Y	100	Y
B4	13	Living/ Kitchen	100	Y	100	Y
B4	14	Bedroom 1	100	Y	100	Y
B4	14	Living/ Kitchen	100	Y	100	Y
B4	15	Bedroom 1	100	Y	100	Y
B4	15	Living/ Kitchen	100	Y	100	Y
B4	16	Bedroom 1	100	Y	100	Y
B4	16	Bedroom 2	100	Y	100	Y
B4	16	Living/ Kitchen	100	Y	100	Y
B4	17	Bedroom 1	100	Y	100	Y
B4	17	Bedroom 2	100	Y	100	Y
B4	17	Living/ Kitchen	100	Y	100	Y
B4	18	Bedroom 1	100	Y	100	Y
B4	18	Bedroom 2	100	Y	100	Y
B4	18	Bedroom 3	100	Y	100	Y
B4	18	Living/ Kitchen	100	Y	100	Y
C1	1	Bedroom 1	80	N	100	Y
C1	1	Bedroom 2	85	N	100	Y
C1	1	Living/ Kitchen	95	Y	100	Y
C1	2	Bedroom 1	95	Y	100	Y
C1	2	Bedroom 2	100	Y	100	Y
C1	2	Living/ Kitchen	88	N	100	Y
C1	3	Bedroom 1	95	Y	100	Y
C1	3	Bedroom 2	95	Y	100	Y
C1	3	Living/ Kitchen	88	N	100	Y
C1	4	Bedroom 1	100	Y	100	Y
C1	4	Bedroom 2	100	Y	100	Y
C1	4	Living/ Kitchen	100	Y	93	Y
C1	5	Bedroom 1	95	Y	100	Y
C1	5	Living/ Kitchen	100	Y	100	Y
C1	6	Bedroom 1	100	Y	100	Y
C1	6	Living/ Kitchen	100	Y	100	Y
C1	7	Bedroom 1	95	Y	100	Y
C1	7	Bedroom 2	90	N	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
C1	7	Living/ Kitchen	100	Y	100	Y
C1	8	Bedroom 1	95	Y	100	Y
C1	8	Bedroom 2	99	Y	100	Y
C1	8	Living/ Kitchen	95	Y	100	Y
C1	9	Bedroom 1	95	Y	100	Y
C1	9	Bedroom 2	100	Y	100	Y
C1	9	Living/ Kitchen	100	Y	100	Y
C1	10	Bedroom 1	90	N	100	Y
C1	10	Bedroom 2	100	Y	100	Y
C1	10	Living/ Kitchen	100	Y	100	Y
C1	11	Bedroom 1	100	Y	100	Y
C1	11	Bedroom 2	100	Y	100	Y
C1	11	Living/ Kitchen	100	Y	100	Y
C1	12	Bedroom 1	100	Y	100	Y
C1	12	Bedroom 2	100	Y	100	Y
C1	12	Living/ Kitchen	100	Y	100	Y
C1	13	Bedroom 1	100	Y	100	Y
C1	13	Bedroom 2	100	Y	100	Y
C1	13	Living/ Kitchen	100	Y	100	Y
C1	14	Bedroom 1	100	Y	100	Y
C1	14	Living/ Kitchen	95	Y	100	Y
C1	15	Bedroom 1	100	Y	100	Y
C1	15	Living/ Kitchen	95	Y	100	Y
C1	16	Bedroom 1	100	Y	100	Y
C1	16	Bedroom 2	100	Y	100	Y
C1	16	Living/ Kitchen	100	Y	100	Y
C1	17	Bedroom 1	100	Y	100	Y
C1	17	Bedroom 2	100	Y	100	Y
C1	17	Living/ Kitchen	100	Y	100	Y
C1	18	Bedroom 1	100	Y	100	Y
C1	18	Living/ Kitchen	100	Y	100	Y
C1	19	Bedroom 1	100	Y	100	Y
C1	19	Bedroom 2	100	Y	100	Y
C1	19	Living/ Kitchen	97	Y	100	Y
C1	20	Bedroom 1	90	Y	100	Y
C1	20	Living/ Kitchen	69	N	100	Y
C1	21	Bedroom 1	90	Y	100	Y
C1	21	Living/ Kitchen	69	N	100	Y
C1	22	Bedroom 1	100	Y	100	Y
C1	22	Bedroom 2	100	Y	100	Y
C1	22	Living/ Kitchen	100	Y	100	Y
C1	23	Bedroom 1	100	Y	100	Y
C1	23	Bedroom 2	100	Y	100	Y
C1	23	Living/ Kitchen	100	Y	100	Y
C1	24	Bedroom 1	100	Y	100	Y
C1	24	Bedroom 2	100	Y	100	Y
C1	24	Living/ Kitchen	100	Y	100	Y
C1	25	Bedroom 1	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
C1	25	Bedroom 2	100	Y	100	Y
C1	25	Living/ Kitchen	100	Y	100	Y
C1	26	Bedroom 1	100	Y	100	Y
C1	26	Bedroom 2	100	Y	100	Y
C1	26	Living/ Kitchen	100	Y	100	Y
C1	27	Bedroom 1	100	Y	100	Y
C1	27	Living/ Kitchen	100	Y	100	Y
C1	28	Bedroom 1	100	Y	100	Y
C1	28	Living/ Kitchen	100	Y	100	Y
C1	29	Bedroom 1	100	Y	100	Y
C1	29	Bedroom 2	100	Y	100	Y
C1	29	Living/ Kitchen	100	Y	100	Y
C1	30	Bedroom 1	100	Y	100	Y
C1	30	Bedroom 2	100	Y	100	Y
C1	30	Living/ Kitchen	100	Y	100	Y
C1	31	Bedroom 1	100	Y	100	Y
C1	31	Living/ Kitchen	100	Y	100	Y
C1	32	Bedroom 1	100	Y	100	Y
C1	32	Bedroom 2	100	Y	100	Y
C1	32	Living/ Kitchen	100	Y	100	Y
C1	33	Bedroom 1	95	Y	100	Y
C1	33	Living/ Kitchen	68	N	100	Y
C1	34	Bedroom 1	90	N	100	Y
C1	34	Living/ Kitchen	69	N	100	Y
C1	35	Bedroom 1	100	Y	100	Y
C1	35	Bedroom 2	100	Y	100	Y
C1	35	Living/ Kitchen	100	Y	100	Y
C1	36	Bedroom 1	100	Y	100	Y
C1	36	Bedroom 2	100	Y	100	Y
C1	36	Living/ Kitchen	100	Y	100	Y
C1	37	Bedroom 1	100	Y	100	Y
C1	37	Bedroom 2	100	Y	100	Y
C1	37	Living/ Kitchen	100	Y	100	Y
C1	38	Bedroom 1	100	Y	100	Y
C1	38	Bedroom 2	100	Y	100	Y
C1	38	Living/ Kitchen	100	Y	100	Y
C1	39	Bedroom 1	100	Y	100	Y
C1	39	Bedroom 2	100	Y	100	Y
C1	39	Living/ Kitchen	100	Y	100	Y
C1	40	Bedroom 1	100	Y	100	Y
C1	40	Bedroom 2	100	Y	100	Y
C1	40	Living/ Kitchen	100	Y	100	Y
C1	41	Bedroom 1	100	Y	100	Y
C1	41	Living/ Kitchen	100	Y	100	Y
C1	42	Bedroom 1	100	Y	100	Y
C1	42	Bedroom 2	100	Y	100	Y
C1	42	Living/ Kitchen	100	Y	100	Y
C1	43	Bedroom 1	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
C1	43	Living/ Kitchen	100	Y	100	Y
C1	44	Bedroom 1	100	Y	100	Y
C1	44	Living/ Kitchen	100	Y	100	Y
C1	45	Bedroom 1	100	Y	100	Y
C1	45	Bedroom 2	100	Y	100	Y
C1	45	Living/ Kitchen	100	Y	100	Y
C1	46	Bedroom 1	100	Y	100	Y
C1	46	Bedroom 2	100	Y	100	Y
C1	46	Living/ Kitchen	100	Y	100	Y
C1	47	Bedroom 1	100	Y	100	Y
C1	47	Bedroom 2	100	Y	100	Y
C1	47	Living/ Kitchen	100	Y	100	Y
C1	48	Bedroom 1	100	Y	100	Y
C1	48	Bedroom 2	100	Y	100	Y
C1	48	Living/ Kitchen	100	Y	100	Y
C1	49	Bedroom 1	100	Y	100	Y
C1	49	Bedroom 2	100	Y	100	Y
C1	49	Living/ Kitchen	100	Y	100	Y
C1	50	Bedroom 1	100	Y	100	Y
C1	50	Bedroom 2	100	Y	100	Y
C1	50	Living/ Kitchen	100	Y	100	Y
C1	51	Bedroom 1	100	Y	100	Y
C1	51	Living/ Kitchen	100	Y	100	Y
C1	52	Bedroom 1	100	Y	100	Y
C1	52	Living/ Kitchen	100	Y	100	Y
C1	53	Bedroom 1	100	Y	100	Y
C1	53	Bedroom 2	100	Y	100	Y
C1	53	Living/ Kitchen	100	Y	100	Y
C1	54	Bedroom 1	100	Y	100	Y
C1	54	Bedroom 2	100	Y	100	Y
C1	54	Living/ Kitchen	100	Y	100	Y
C1	55	Bedroom 1	100	Y	100	Y
C1	55	Bedroom 2	100	Y	100	Y
C1	55	Living/ Kitchen	100	Y	100	Y
C1	56	Bedroom 1	100	Y	100	Y
C1	56	Bedroom 2	100	Y	100	Y
C1	56	Living/ Kitchen	100	Y	100	Y
C1	57	Bedroom 1	100	Y	100	Y
C1	57	Bedroom 2	100	Y	100	Y
C1	57	Living/ Kitchen	100	Y	100	Y
C1	58	Bedroom 1	100	Y	100	Y
C1	58	Bedroom 2	100	Y	100	Y
C1	58	Living/ Kitchen	100	Y	100	Y
C1	59	Bedroom 1	100	Y	100	Y
C1	59	Living/ Kitchen	100	Y	100	Y
C1	60	Bedroom 1	100	Y	100	Y
C1	60	Living/ Kitchen	100	Y	100	Y
C2	1	Bedroom 1	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
C2	1	Bedroom 2	100	Y	100	Y
C2	1	Living/ Kitchen	100	Y	100	Y
C2	2	Bedroom 1	100	Y	100	Y
C2	2	Bedroom 2	100	Y	100	Y
C2	2	Living/ Kitchen	100	Y	100	Y
C2	3	Bedroom 1	100	Y	100	Y
C2	3	Living/ Kitchen	100	Y	100	Y
C2	4	Bedroom 1	100	Y	100	Y
C2	4	Living/ Kitchen	100	Y	100	Y
C2	5	Bedroom 1	100	Y	100	Y
C2	5	Bedroom 2	100	Y	100	Y
C2	5	Living/ Kitchen	100	Y	65	Y
C2	6	Bedroom 1	56	N	100	Y
C2	6	Living/ Kitchen	36	N	64	Y
C2	7	Bedroom 1	100	Y	100	Y
C2	7	Bedroom 2	100	Y	100	Y
C2	7	Living/ Kitchen	100	Y	100	Y
C2	8	Bedroom 1	100	Y	100	Y
C2	8	Bedroom 2	100	Y	100	Y
C2	8	Living/ Kitchen	100	Y	100	Y
C2	9	Bedroom 1	100	Y	100	Y
C2	9	Bedroom 2	100	Y	100	Y
C2	9	Living/ Kitchen	100	Y	100	Y
C2	10	Bedroom 1	100	Y	100	Y
C2	10	Bedroom 2	100	Y	100	Y
C2	10	Living/ Kitchen	100	Y	100	Y
C2	11	Bedroom 1	100	Y	100	Y
C2	11	Bedroom 2	100	Y	100	Y
C2	11	Living/ Kitchen	100	Y	100	Y
C2	12	Bedroom 1	100	Y	100	Y
C2	12	Bedroom 2	100	Y	100	Y
C2	12	Living/ Kitchen	100	Y	100	Y
C2	13	Bedroom 1	100	Y	100	Y
C2	13	Living/ Kitchen	100	Y	100	Y
C2	14	Bedroom 1	100	Y	100	Y
C2	14	Living/ Kitchen	100	Y	100	Y
C2	15	Bedroom 1	100	Y	100	Y
C2	15	Bedroom 2	100	Y	100	Y
C2	15	Living/ Kitchen	100	Y	100	Y
C2	16	Bedroom 1	100	Y	100	Y
C2	16	Bedroom 2	100	Y	100	Y
C2	16	Living/ Kitchen	100	Y	100	Y
C2	17	Bedroom 1	100	Y	100	Y
C2	17	Bedroom 2	100	Y	100	Y
C2	17	Living/ Kitchen	100	Y	100	Y
C2	18	Bedroom 1	100	Y	100	Y
C2	18	Bedroom 2	100	Y	100	Y
C2	18	Living/ Kitchen	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
C2	19	Bedroom 1	100	Y	100	Y
C2	19	Bedroom 2	100	Y	100	Y
C2	19	Living/ Kitchen	100	Y	100	Y
C2	20	Bedroom 1	100	Y	100	Y
C2	20	Bedroom 2	100	Y	100	Y
C2	20	Living/ Kitchen	100	Y	100	Y
C2	21	Bedroom 1	100	Y	100	Y
C2	21	Living/ Kitchen	100	Y	100	Y
C2	22	Bedroom 1	100	Y	100	Y
C2	22	Bedroom 2	100	Y	100	Y
C2	22	Living/ Kitchen	100	Y	100	Y
C2	23	Bedroom 1	100	Y	100	Y
C2	23	Living/ Kitchen	100	Y	100	Y
C2	24	Bedroom 1	100	Y	100	Y
C2	24	Living/ Kitchen	100	Y	100	Y
C2	25	Bedroom 1	100	Y	100	Y
C2	25	Bedroom 2	100	Y	100	Y
C2	25	Living/ Kitchen	100	Y	100	Y
C2	26	Bedroom 1	100	Y	100	Y
C2	26	Bedroom 2	100	Y	100	Y
C2	26	Living/ Kitchen	100	Y	100	Y
C2	27	Bedroom 1	100	Y	100	Y
C2	27	Bedroom 2	100	Y	100	Y
C2	27	Living/ Kitchen	100	Y	100	Y
C2	28	Bedroom 1	100	Y	100	Y
C2	28	Living/ Kitchen	100	Y	100	Y
C2	29	Bedroom 1	100	Y	100	Y
C2	29	Living/ Kitchen	100	Y	100	Y
C2	30	Bedroom 1	100	Y	100	Y
C2	30	Bedroom 2	100	Y	100	Y
C2	30	Living/ Kitchen	100	Y	100	Y
C2	31	Bedroom 1	100	Y	100	Y
C2	31	Bedroom 2	100	Y	100	Y
C2	31	Living/ Kitchen	100	Y	100	Y
C2	32	Bedroom 1	100	Y	100	Y
C2	32	Bedroom 2	100	Y	100	Y
C2	32	Living/ Kitchen	100	Y	100	Y
C2	33	Bedroom 1	100	Y	100	Y
C2	33	Bedroom 2	100	Y	100	Y
C2	33	Living/ Kitchen	100	Y	100	Y
C2	34	Bedroom 1	100	Y	100	Y
C2	34	Bedroom 2	100	Y	100	Y
C2	34	Living/ Kitchen	100	Y	100	Y
C2	35	Bedroom 1	100	Y	100	Y
C2	35	Bedroom 2	100	Y	100	Y
C2	35	Living/ Kitchen	100	Y	100	Y
C2	36	Bedroom 1	100	Y	100	Y
C2	36	Living/ Kitchen	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
C2	37	Bedroom 1	100	Y	100	Y
C2	37	Bedroom 2	100	Y	100	Y
C2	37	Living/ Kitchen	100	Y	100	Y
C2	38	Bedroom 1	100	Y	100	Y
C2	38	Living/ Kitchen	100	Y	100	Y
C2	39	Bedroom 1	100	Y	100	Y
C2	39	Living/ Kitchen	100	Y	100	Y
C2	40	Bedroom 1	100	Y	100	Y
C2	40	Bedroom 2	100	Y	100	Y
C2	40	Living/ Kitchen	100	Y	100	Y
C2	41	Bedroom 1	100	Y	100	Y
C2	41	Bedroom 2	100	Y	100	Y
C2	41	Living/ Kitchen	100	Y	100	Y
C2	42	Bedroom 1	100	Y	100	Y
C2	42	Bedroom 2	100	Y	100	Y
C2	42	Living/ Kitchen	100	Y	100	Y
C2	43	Bedroom 1	100	Y	100	Y
C2	43	Living/ Kitchen	100	Y	100	Y
C2	44	Bedroom 1	100	Y	100	Y
C2	44	Living/ Kitchen	100	Y	100	Y
C2	45	Bedroom 1	100	Y	100	Y
C2	45	Bedroom 2	100	Y	100	Y
C2	45	Living/ Kitchen	100	Y	100	Y
C2	46	Bedroom 1	100	Y	100	Y
C2	46	Bedroom 2	100	Y	100	Y
C2	46	Living/ Kitchen	100	Y	100	Y
C2	47	Bedroom 1	100	Y	100	Y
C2	47	Bedroom 2	100	Y	100	Y
C2	47	Living/ Kitchen	100	Y	100	Y
C2	48	Bedroom 1	100	Y	100	Y
C2	48	Bedroom 2	100	Y	100	Y
C2	48	Living/ Kitchen	100	Y	100	Y
C2	49	Bedroom 1	100	Y	100	Y
C2	49	Bedroom 2	100	Y	100	Y
C2	49	Living/ Kitchen	100	Y	100	Y
C2	50	Bedroom 1	100	Y	100	Y
C2	50	Bedroom 2	100	Y	100	Y
C2	50	Living/ Kitchen	100	Y	100	Y
C2	51	Bedroom 1	100	Y	100	Y
C2	51	Living/ Kitchen	100	Y	100	Y
C2	52	Bedroom 1	100	Y	100	Y
C2	52	Bedroom 2	100	Y	100	Y
C2	52	Living/ Kitchen	100	Y	100	Y
C2	53	Bedroom 1	100	Y	100	Y
C2	53	Living/ Kitchen	100	Y	100	Y
C2	54	Bedroom 1	100	Y	100	Y
C2	54	Living/ Kitchen	100	Y	100	Y
C2	56	Bedroom 1	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
C2	56	Bedroom 2	100	Y	100	Y
C2	56	Living/ Kitchen	100	Y	100	Y
C2	57	Bedroom 1	100	Y	100	Y
C2	57	Bedroom 2	100	Y	100	Y
C2	57	Living/ Kitchen	100	Y	100	Y
C2	58	Bedroom 1	100	Y	100	Y
C2	58	Living/ Kitchen	100	Y	100	Y
C2	59	Bedroom 1	100	Y	100	Y
C2	59	Living/ Kitchen	100	Y	100	Y
C2	60	Bedroom 1	100	Y	100	Y
C2	60	Bedroom 2	100	Y	100	Y
C2	60	Living/ Kitchen	100	Y	100	Y
C2	61	Bedroom 1	100	Y	100	Y
C2	61	Bedroom 2	100	Y	100	Y
C2	61	Living/ Kitchen	100	Y	100	Y
C2	62	Bedroom 1	100	Y	100	Y
C2	62	Bedroom 2	100	Y	100	Y
C2	62	Living/ Kitchen	100	Y	100	Y
C2	63	Bedroom 1	100	Y	100	Y
C2	63	Living/ Kitchen	100	Y	100	Y
C2	64	Bedroom 1	100	Y	100	Y
C2	64	Living/ Kitchen	100	Y	100	Y
C2	65	Bedroom 1	100	Y	100	Y
C2	65	Bedroom 2	100	Y	100	Y
C2	65	Living/ Kitchen	100	Y	100	Y
C2	66	Bedroom 1	100	Y	100	Y
C2	66	Bedroom 2	100	Y	100	Y
C2	66	Living/ Kitchen	100	Y	100	Y
C2	67	Bedroom 1	100	Y	100	Y
C2	67	Living/ Kitchen	100	Y	100	Y
C2	68	Bedroom 1	100	Y	100	Y
C2	68	Living/ Kitchen	100	Y	100	Y
C2	69	Bedroom 1	100	Y	100	Y
C2	69	Bedroom 2	100	Y	100	Y
C2	69	Living/ Kitchen	100	Y	100	Y
C2	70	Bedroom 1	100	Y	100	Y
C2	70	Bedroom 2	100	Y	100	Y
C2	70	Living/ Kitchen	100	Y	100	Y
C2	71	Bedroom 1	100	Y	100	Y
C2	71	Bedroom 2	100	Y	100	Y
C2	71	Living/ Kitchen	100	Y	100	Y
C2	72	Bedroom 1	100	Y	100	Y
C2	72	Living/ Kitchen	100	Y	100	Y
C2	73	Bedroom 1	100	Y	100	Y
C2	73	Living/ Kitchen	100	Y	100	Y
C3	1	Bedroom 1	90	N	100	Y
C3	1	Living/ Kitchen	95	Y	100	Y
C3	2	Bedroom 1	95	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
C3	2	Living/ Kitchen	80	N	100	Y
C3	3	Bedroom 1	95	Y	100	Y
C3	3	Bedroom 2	95	Y	100	Y
C3	3	Living/ Kitchen	40	N	60	Y
C3	4	Bedroom 1	95	Y	100	Y
C3	4	Living/ Kitchen	35	N	60	Y
C3	5	Bedroom 1	95	Y	100	Y
C3	5	Living/ Kitchen	35	N	60	Y
C3	6	Bedroom 1	95	Y	100	Y
C3	6	Bedroom 2	95	Y	100	Y
C3	6	Living/ Kitchen	95	Y	100	Y
C3	7	Bedroom 1	95	Y	100	Y
C3	7	Bedroom 2	100	Y	100	Y
C3	7	Living/ Kitchen	95	Y	100	Y
C3	8	Bedroom 1	95	Y	100	Y
C3	8	Bedroom 2	95	Y	100	Y
C3	8	Bedroom 3	100	Y	100	Y
C3	8	Living/ Kitchen	100	Y	100	Y
C3	9	Bedroom 1	80	N	100	Y
C3	9	Bedroom 2	100	Y	100	Y
C3	9	Living/ Kitchen	100	Y	100	Y
C3	10	Bedroom 1	100	Y	100	Y
C3	10	Bedroom 2	100	Y	100	Y
C3	10	Living/ Kitchen	100	Y	69	Y
C3	11	Bedroom 1	100	Y	100	Y
C3	11	Living/ Kitchen	46	N	73	Y
C3	12	Bedroom 1	100	Y	100	Y
C3	12	Bedroom 2	100	Y	100	Y
C3	12	Living/ Kitchen	100	Y	100	Y
C3	13	Bedroom 1	100	Y	100	Y
C3	13	Bedroom 2	100	Y	100	Y
C3	13	Living/ Kitchen	100	Y	100	Y
C3	14	Bedroom 1	100	Y	100	Y
C3	14	Bedroom 2	100	Y	100	Y
C3	14	Living/ Kitchen	100	Y	100	Y
C3	15	Bedroom 1	100	Y	100	Y
C3	15	Bedroom 2	100	Y	100	Y
C3	15	Living/ Kitchen	100	Y	100	Y
C3	16	Bedroom 1	100	Y	100	Y
C3	16	Bedroom 2	100	Y	100	Y
C3	16	Living/ Kitchen	100	Y	100	Y
C3	17	Bedroom 1	100	Y	100	Y
C3	17	Bedroom 2	100	Y	100	Y
C3	17	Living/ Kitchen	100	Y	100	Y
C3	18	Bedroom 1	100	Y	100	Y
C3	18	Bedroom 2	100	Y	100	Y
C3	18	Living/ Kitchen	100	Y	100	Y
C3	19	Bedroom 1	100	Y	100	Y
C3	19	Bedroom 2	100	Y	100	Y
C3	19	Living/ Kitchen	100	Y	100	Y
C3	20	Bedroom 1	100	Y	100	Y
C3	20	Living/ Kitchen	46	N	73	Y
C3	21	Bedroom 1	100	Y	100	Y
C3	21	Living/ Kitchen	46	N	73	Y
C3	22	Bedroom 1	100	Y	100	Y
C3	22	Bedroom 2	100	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
C3	22	Living/ Kitchen	100	Y	100	Y
C3	23	Bedroom 1	100	Y	100	Y
C3	23	Bedroom 2	100	Y	100	Y
C3	23	Living/ Kitchen	100	Y	100	Y
C3	24	Bedroom 1	100	Y	100	Y
C3	24	Bedroom 2	100	Y	100	Y
C3	24	Bedroom 3	100	Y	100	Y
C3	24	Living/ Kitchen	100	Y	100	Y
C3	25	Bedroom 1	100	Y	100	Y
C3	25	Bedroom 2	100	Y	100	Y
C3	25	Living/ Kitchen	100	Y	100	Y
C3	26	Bedroom 1	100	Y	100	Y
C3	26	Bedroom 2	100	Y	100	Y
C3	26	Living/ Kitchen	100	Y	100	Y
C3	27	Bedroom 1	100	Y	100	Y
C3	27	Living/ Kitchen	75	N	100	Y
C3	28	Bedroom 1	100	Y	100	Y
C3	28	Bedroom 2	100	Y	100	Y
C3	28	Living/ Kitchen	100	Y	100	Y
C3	29	Bedroom 1	100	Y	100	Y
C3	29	Bedroom 2	100	Y	100	Y
C3	29	Living/ Kitchen	100	Y	100	Y
C3	30	Bedroom 1	100	Y	100	Y
C3	30	Bedroom 2	100	Y	100	Y
C3	30	Living/ Kitchen	100	Y	100	Y
C3	31	Bedroom 1	100	Y	100	Y
C3	31	Bedroom 2	100	Y	100	Y
C3	31	Living/ Kitchen	100	Y	100	Y
C3	32	Bedroom 1	100	Y	100	Y
C3	32	Bedroom 2	100	Y	100	Y
C3	32	Living/ Kitchen	100	Y	100	Y
C3	33	Bedroom 1	100	Y	100	Y
C3	33	Bedroom 2	100	Y	100	Y
C3	33	Living/ Kitchen	100	Y	100	Y
C3	34	Bedroom 1	100	Y	100	Y
C3	34	Bedroom 2	100	Y	100	Y
C3	34	Living/ Kitchen	100	Y	100	Y
C3	35	Bedroom 1	100	Y	100	Y
C3	35	Bedroom 2	100	Y	100	Y
C3	35	Living/ Kitchen	100	Y	100	Y
C3	36	Bedroom 1	100	Y	100	Y
C3	36	Living/ Kitchen	90	N	100	Y
C3	37	Bedroom 1	100	Y	100	Y
C3	37	Living/ Kitchen	90	N	100	Y
C3	38	Bedroom 1	100	Y	100	Y
C3	38	Bedroom 2	100	Y	100	Y
C3	38	Living/ Kitchen	100	Y	100	Y
C3	39	Bedroom 1	100	Y	100	Y
C3	39	Bedroom 2	100	Y	100	Y
C3	39	Living/ Kitchen	100	Y	100	Y
C3	40	Bedroom 1	100	Y	100	Y
C3	40	Bedroom 2	100	Y	100	Y
C3	40	Bedroom 3	100	Y	100	Y
C3	40	Living/ Kitchen	100	Y	100	Y
C3	41	Bedroom 1	100	Y	100	Y
C3	41	Bedroom 2	100	Y	100	Y
C3	41	Living/ Kitchen	100	Y	100	Y
C3	42	Bedroom 1	100	Y	100	Y
C3	42	Bedroom 2	100	Y	100	Y
C3	42	Living/ Kitchen	100	Y	100	Y
C3	43	Bedroom 1	100	Y	100	Y
C3	43	Living/ Kitchen	95	Y	100	Y

Block	Unit No.	Room	2022 Methodology Criterion 1 (%) (Compliance at $\geq 95\%$ @100lux)	2022 Methodology Criterion 1 Compliance	2022 Methodology Criterion 2 (%) (Compliance at $\geq 50\%$ @300lux)	2022 Methodology Criterion 2 Compliance
C3	44	Bedroom 1	100	Y	100	Y
C3	44	Bedroom 2	100	Y	100	Y
C3	44	Living/ Kitchen	100	Y	100	Y
C3	45	Bedroom 1	100	Y	100	Y
C3	45	Bedroom 2	100	Y	100	Y
C3	45	Living/ Kitchen	100	Y	100	Y
C3	46	Bedroom 1	100	Y	100	Y
C3	46	Bedroom 2	100	Y	100	Y
C3	46	Living/ Kitchen	100	Y	100	Y
C3	47	Bedroom 1	100	Y	100	Y
C3	47	Bedroom 2	100	Y	100	Y
C3	47	Living/ Kitchen	100	Y	100	Y
C3	48	Bedroom 1	100	Y	100	Y
C3	48	Bedroom 2	100	Y	100	Y
C3	48	Living/ Kitchen	100	Y	100	Y
C3	49	Bedroom 1	100	Y	100	Y
C3	49	Bedroom 2	100	Y	100	Y
C3	49	Living/ Kitchen	100	Y	100	Y
C3	50	Bedroom 1	100	Y	100	Y
C3	50	Bedroom 2	100	Y	100	Y
C3	50	Living/ Kitchen	100	Y	100	Y
C3	51	Bedroom 1	100	Y	100	Y
C3	51	Bedroom 2	100	Y	100	Y
C3	51	Living/ Kitchen	100	Y	100	Y
C3	52	Bedroom 1	100	Y	100	Y
C3	52	Living/ Kitchen	95	Y	100	Y
C3	53	Bedroom 1	100	Y	100	Y
C3	53	Living/ Kitchen	95	Y	100	Y
C3	54	Bedroom 1	100	Y	100	Y
C3	54	Bedroom 2	100	Y	100	Y
C3	54	Living/ Kitchen	100	Y	100	Y

Table 3 - Average Daylight Factor Results (2022 Methodology)

In summary, the vast majority of units not only meet but in the majority of cases exceed the Average Daylight Factor target recommended in BS 8206 (2011 Methodology). Of the 959 rooms that comprise the development, only 7 fall slightly short of the BRE Guidelines and BS 8206 recommendations, therefore a 99.3% compliance rate is achieved across the development. Similarly a 94.5% compliance rate is achieved across the development when compared against the 2022 Methodology.

Total No. of Rooms	No. Living/Kitchen Rooms Not Compliant with BS 8206 Guidelines (2.0% ADF)	No. Bedrooms Not Compliant with BS 8206 Guidelines (1.0% ADF)	Total No. Rooms Not Compliant with BS 8206 Guidelines	% of compliance with BS 8206
959	7	0	7	99.3

Table 4 – Percentage of Compliance (BS 8206) (2011 Methodology)

Total No. of Rooms	No. Living/Kitchen Rooms Not Compliant with 2022 Methodology	No. Bedrooms Not Compliant with 2022 Methodology	Total No. Rooms Not Compliant with 2022 Methodology	% of compliance with 2022 Methodology
959	34	18	52	94.5

Table 5 – Percentage of Compliance (2022 Methodology)

7. SUNLIGHT ASSESSMENT TO AMENITY SPACES WITHIN THE DEVELOPMENT

BRE Guidelines (2022 Methodology) recommend that for external amenity spaces to appear adequately sunlit throughout the year, at least half of the garden or amenity space should receive at least two hours of sunlight on March 21st.

In order to show that sunlight levels within the development achieve compliance with current BRE Guidelines, a sunlight study has been carried out for the proposed development.

The red squares in Figure highlight the areas that receive a minimum of 2 hours of sunlight on the 21st of March for the proposed development. It is evident at least 50% of the overall communal amenity spaces receive 2 hours or more of sunlight on March 21st, therefore compliance with BRE Guidelines is achieved.

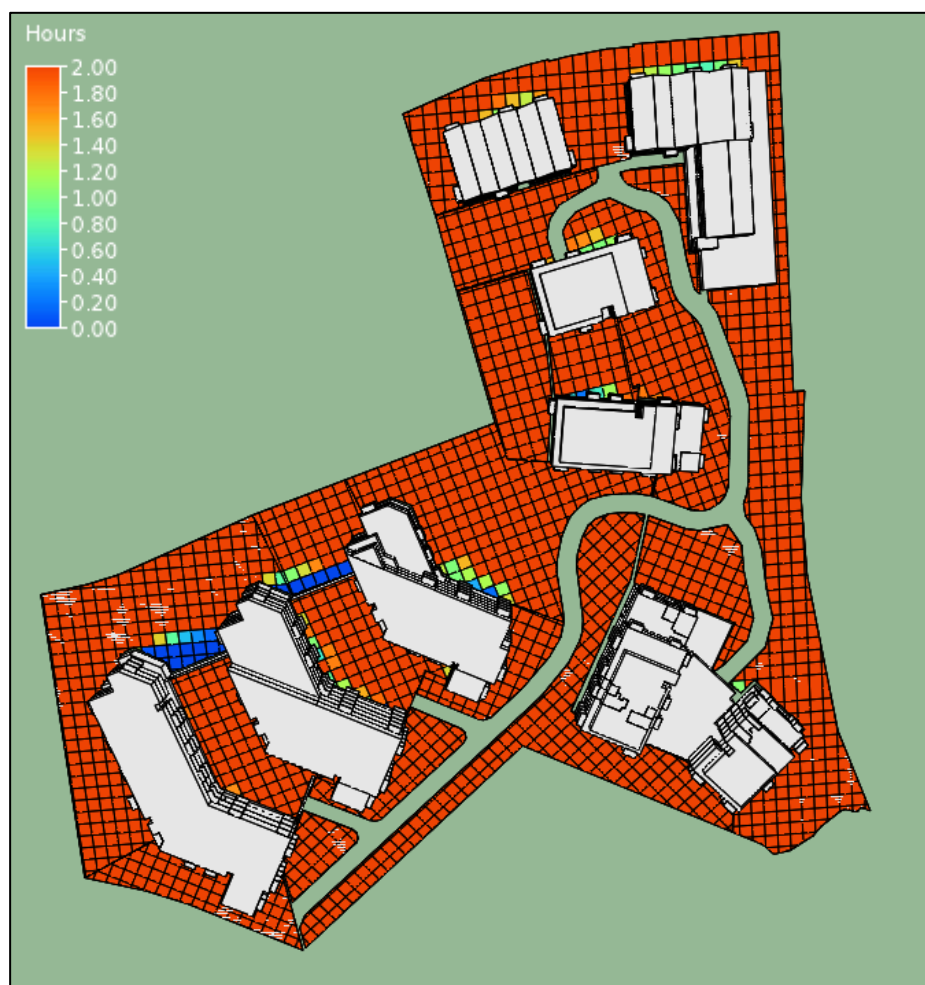


Figure 6 - Amenity Spaces - Hours of Sunlight on March 21st

Table outlines the percentage of amenity space receiving at least 2 hours sunlight on March 21st. The communal amenity space receives the recommended values in more than 50% of the area, therefore, compliance with BRE Guidelines is achieved.

Garden	Percentage of area receiving ≥ 2hours sunlight on March 21 st	Meets compliance with BRE Guidelines
Amenity Space	95%	Y

Table 6 – Sunlight results – Communal Amenity Spaces

Even though BRE Guidelines does not give specific recommendation for balconies, these have been assessed against the benchmark for open amenity spaces. The red squares in the following figures highlight the areas that receive a minimum of 2 hours of sunlight on March 21st for the balconies within the development. It is clear that the vast majority of balconies received at least 2 hours of sunlight on March 21st, and would comply with the BRE Guidelines.



Figure 7 – Private Balconies –East Elevation – Hours of Sunlight on March 21st

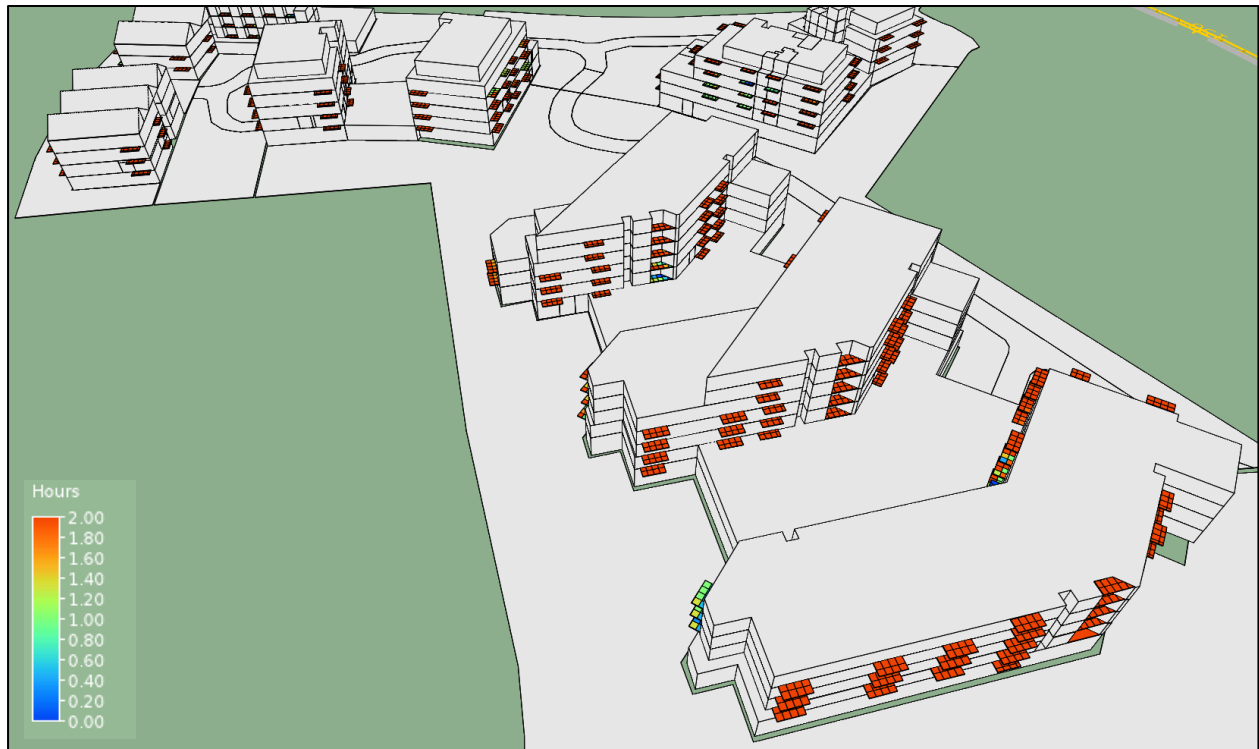


Figure 8 – Private Balconies –West Elevation – Hours of Sunlight on March 21st

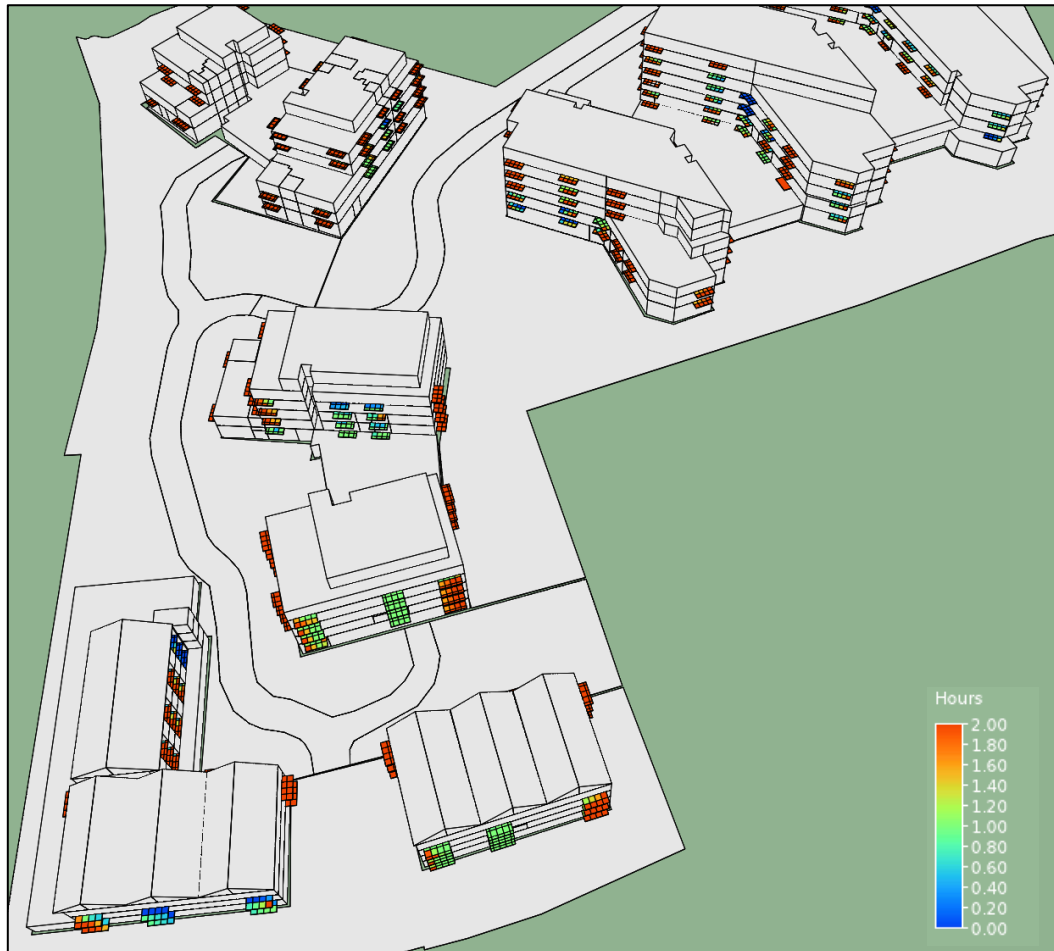


Figure 9 – Private Balconies –North Elevation – Hours of Sunlight on March 21st



Figure 10 – Private Balconies –South Elevation – Hours of Sunlight on March 21st

8. SUNLIGHT ASSESSMENT WITHIN THE PROPOSED DEVELOPMENT (APSH)

8.1. SUNLIGHT ASSESSMENT – BS 8206 (2011 METHODOLOGY)

In order to determine the amount of sunlight that is received by windows within the proposed development, the Annual Probable Sunlight Hours (APSH) calculation method as outlined in BRE Guidelines has been used.

BRE Guidelines outline that in housing, the main requirement for sunlight is in living rooms, where it is valued at any time of the day but especially in the afternoon. BRE Guidelines also state that sunlight is less important in bedrooms and kitchens, however, all windows to occupied rooms have been included within the analysis.

The recommendation set out in BRE Guidelines state that in order to show that adequate sunlight reaches windows within occupied rooms, the centre of at least one window to a main living room must receive 25% of annual probable sunlight hours, including at least 5% of annual probable sunlight hours during the winter months between 21st September and 21st March.

While the BRE criteria sets out these recommendations for living room windows to receive direct sunlight throughout the year, the guidance set out in the Sustainable Urban Housing: Design Standards for New Apartments states that balconies should adjoin and have a functional relationship with the main living areas of the apartment. They also state that it is preferable that balconies would be primarily accessed from living rooms, which can reduce the sunlight being received in some instances.

As the location of balconies have been designed to primarily comply with the apartment design guidelines, the amount of sunlight reaching these living room windows in some areas will naturally be reduced and achieving the recommended values within BRE Guidelines can become challenging.

The below table summarises the annual probable sunlight hours for the annual period and for the winter period based on the BRE recommendations.

	BRE Guidelines Check 1	BRE Guidelines Check 2
	APSH > 25%	APSH > 5%
	Annual Period	Winter Period
Windows Passing	729	753
Total No. of Windows analysed	1215	1215
Percentage of Compliance	60%	62%

Table 7 – APSH Summary Table

The results from the analysis have shown that for the annual period, 60% of the windows across the development achieve the recommended APSH values stated in the BRE Guidelines, while 62% of windows achieve the recommended values during the winter months, when sunlight is more valuable. The shortfall in compliance can be attributed to the projection of balconies in some areas, and to the north facing windows.

It is important to note that even though the projection of balconies will impact the sunlight reaching the windows in some areas, it will provide occupants with an outdoor amenity space that will receive excellent levels of sunlight. In addition, BRE Guidelines outline the difficulty in achieving the recommended targets within apartments and they recommend to aim for a good design to minimise the number of dwellings that are only facing north, north east or north west, unless there is some compensating factors such as an appealing view to the north, which it is the case for the proposed development, that will have views into a greenfield with trees. In addition, all units will have pleasant views and access into the high quality amenity area.

It must be noted that the results within this report should be treated with certain degree of flexibility, based on the following statement in the BRE Guidelines:

“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 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”.

The following images² illustrate in red the windows that achieve the recommended values within the BRE Guidelines for the annual period.



Figure 11 - Annual Probable Sunlight Hours – (BRE 2011 Methodology Recommended Benchmark) – East Elevation

² Adjacent buildings were included as part of the analysis. However, they have been removed for the purpose of the image to allow better visibility.

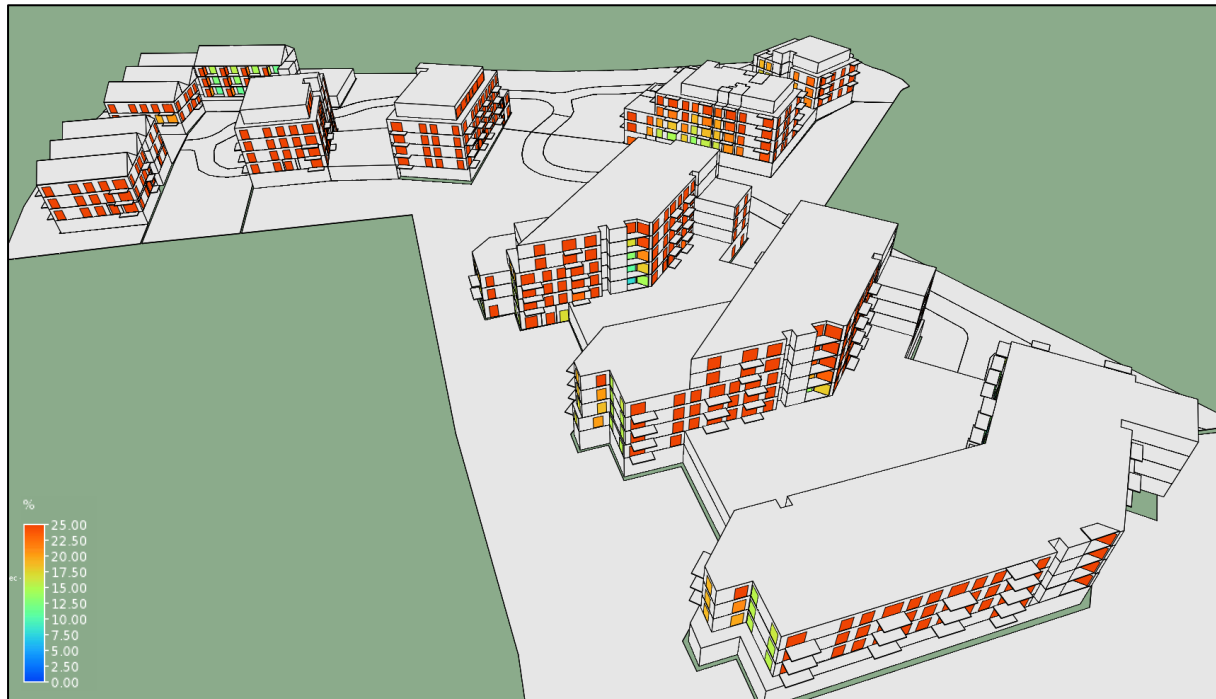


Figure 12 - Annual Probable Sunlight Hours – (BRE 2011 Methodology Recommended Benchmark) – West Elevation



Figure 13 - Annual Probable Sunlight Hours – (BRE 2011 Methodology Recommended Benchmark) – North Elevation

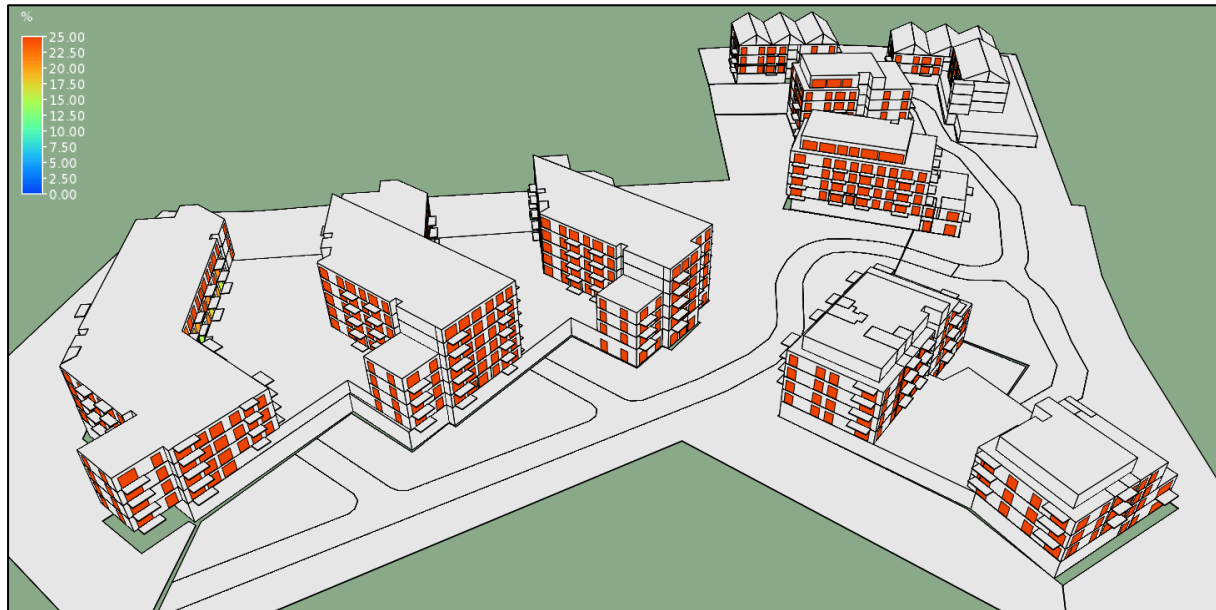


Figure 14 - Annual Probable Sunlight Hours – (BRE 2011 Methodology Recommended Benchmark) – South Elevation

8.2. SUNLIGHT ASSESSMENT – 2022 METHODOLOGY

In addition to the BS 8206 standard, the daylight has also been assessed against the newer 2022 Methodology. The 2022 Methodology states that windows shall receive a minimum of 1.5 hours of direct sunlight on the test day, March 21st. The 2022 Methodology also sets out a standard for medium (2 hours), and high (4 hours) levels of direct sunlight. Of the 1,215 analysed windows in the development, 55% achieve the minimum levels of direct sunlight recommended by the 2022 Methodology.

The following images illustrate in red the windows that achieve the recommended minimum values for direct sunlight within the 2022 methodology guidelines on March 21st.



Figure 15 - Sunlight Exposure March 21st (2022 Methodology Min Recommendation) – East Elevation

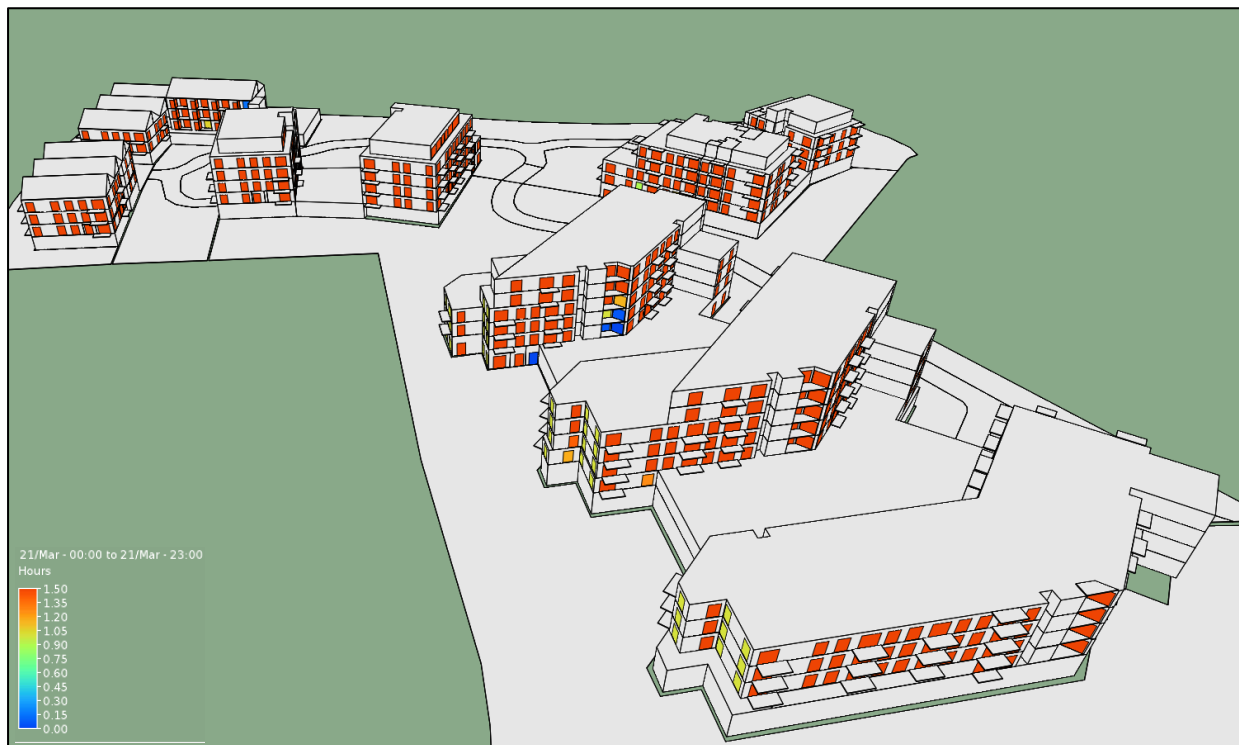


Figure 16 - Sunlight Exposure March 21st (2022 Methodology Min Recommendation) – West Elevation

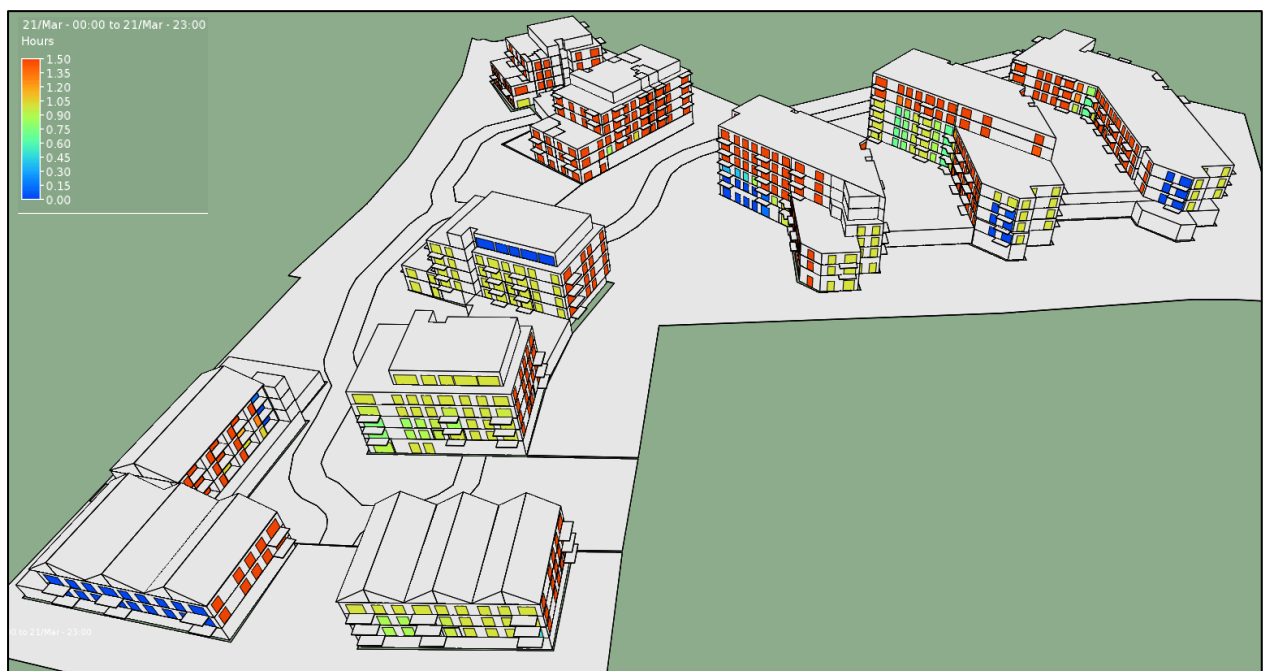


Figure 17 - Sunlight Exposure March 21st (2022 Methodology Min Recommendation) – North Elevation

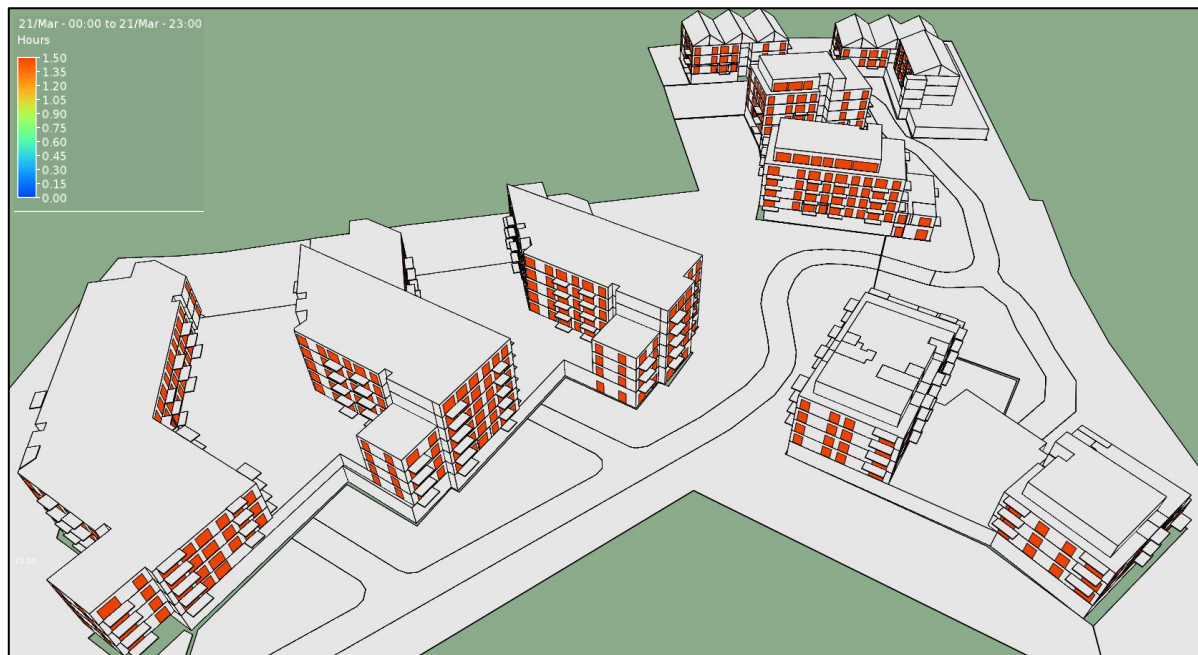


Figure 18 - Sunlight Exposure March 21st (2022 Methodology Min Recommendation) – South Elevation

The following images illustrate in red the windows that achieve the medium level of direct sunlight within the 2022 Methodology guidelines on March 21st.



Figure 19 - Sunlight Exposure March 21st (2022 Methodology Medium Level) – East Elevation

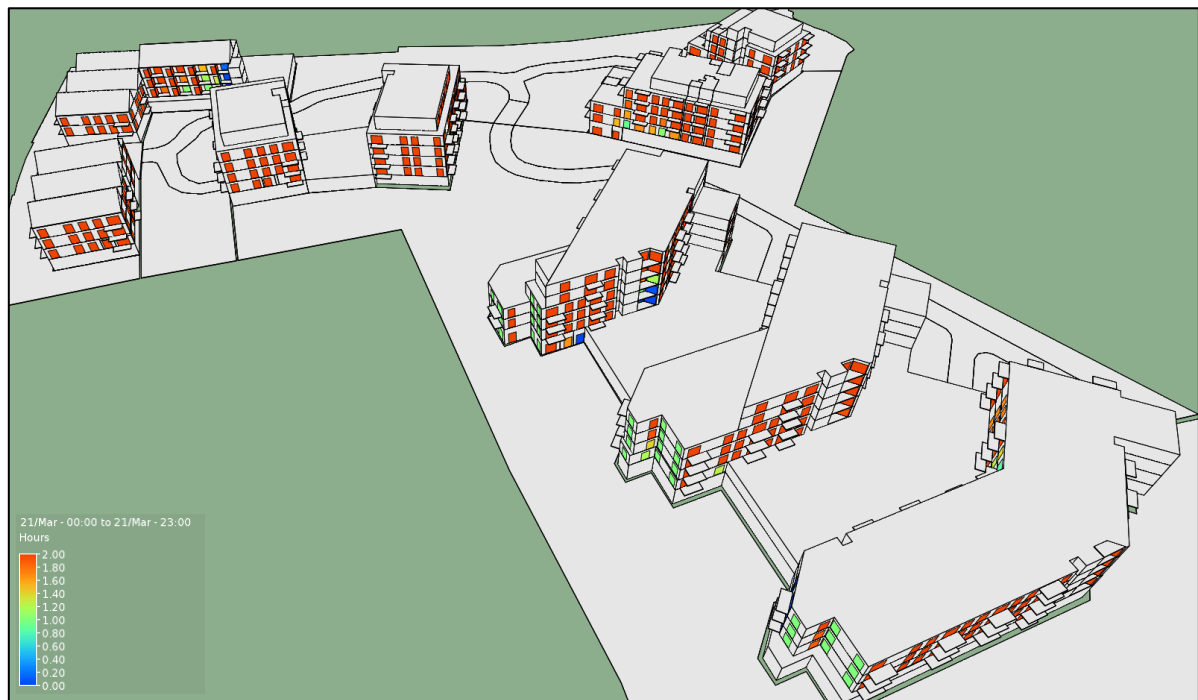


Figure 20 - Sunlight Exposure March 21st (2022 Methodology Medium Level) – West Elevation



Figure 21 - Sunlight Exposure March 21st (2022 Methodology Medium Level) – North Elevation



Figure 22 - Sunlight Exposure March 21st (2022 Methodology Medium Level) – South Elevation



Figure 23 - Sunlight Exposure March 21st (2022 Methodology High Level) – East Elevation

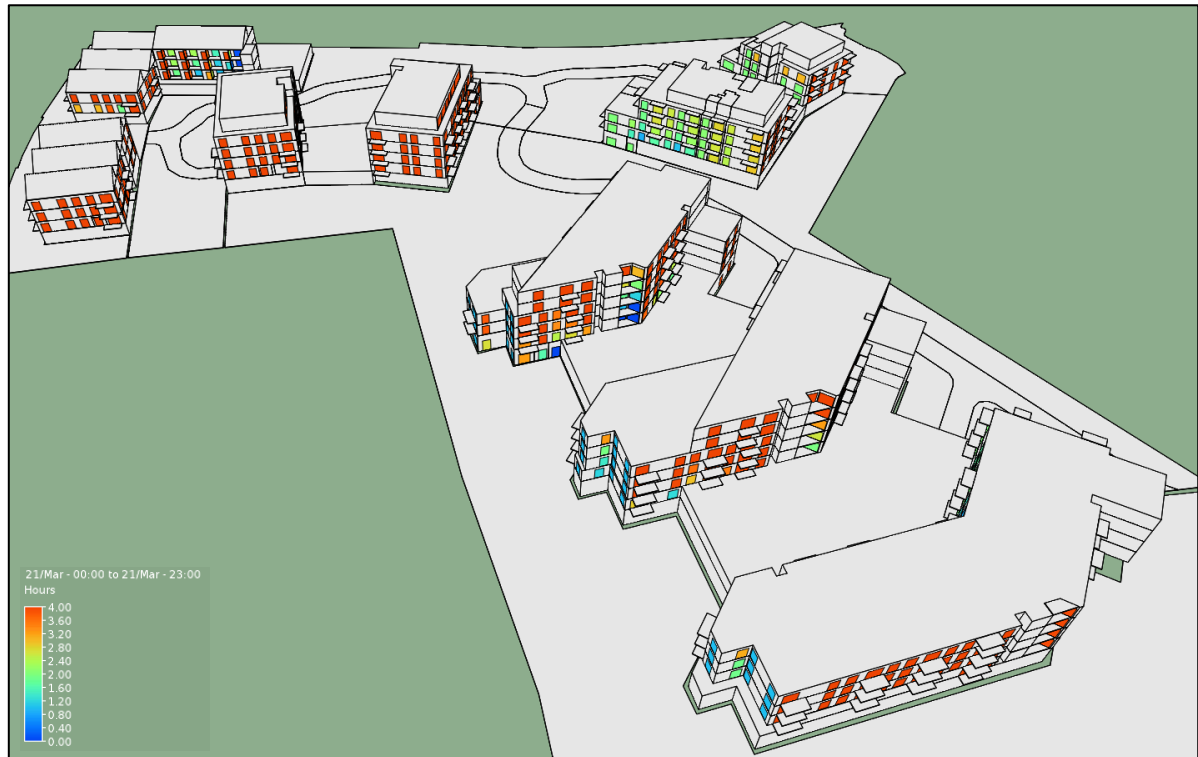


Figure 24 - Sunlight Exposure March 21st (2022 Methodology High Level) – West Elevation

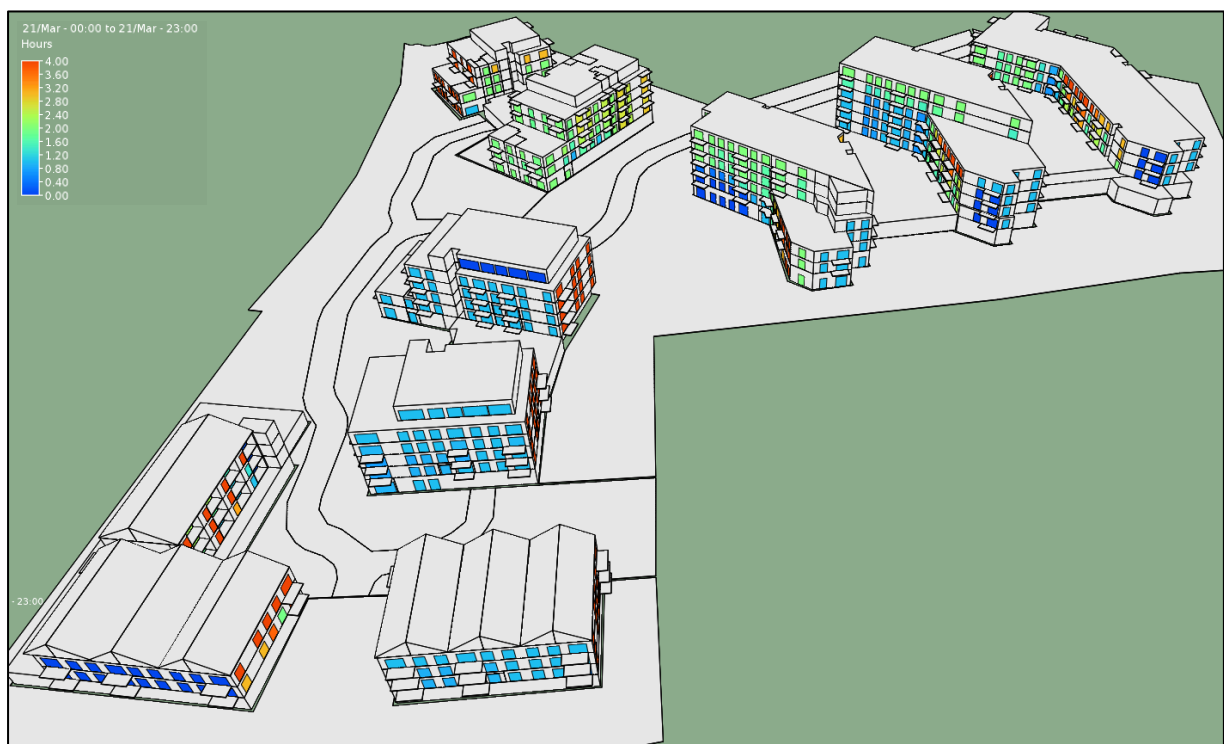


Figure 25 - Sunlight Exposure March 21st (2022 Methodology High Level) – North Elevation



Figure 26 - Sunlight Exposure March 21st (2022 Methodology High Level) – South Elevation

9. ASSESSING THE IMPACT ON SURROUNDING PROPERTIES

9.1. DAYLIGHT & SUNLIGHT IMPACT METHODOLOGY

As per the BRE Guidelines it is important to safeguard the daylight to nearby buildings, from a proposed development, where a reasonable expectation of daylight is required. The flow matrix below outlines the criteria to be assessed, as per the BRE Guidelines, in order to ascertain any potential impact to adjacent buildings from the proposed development.

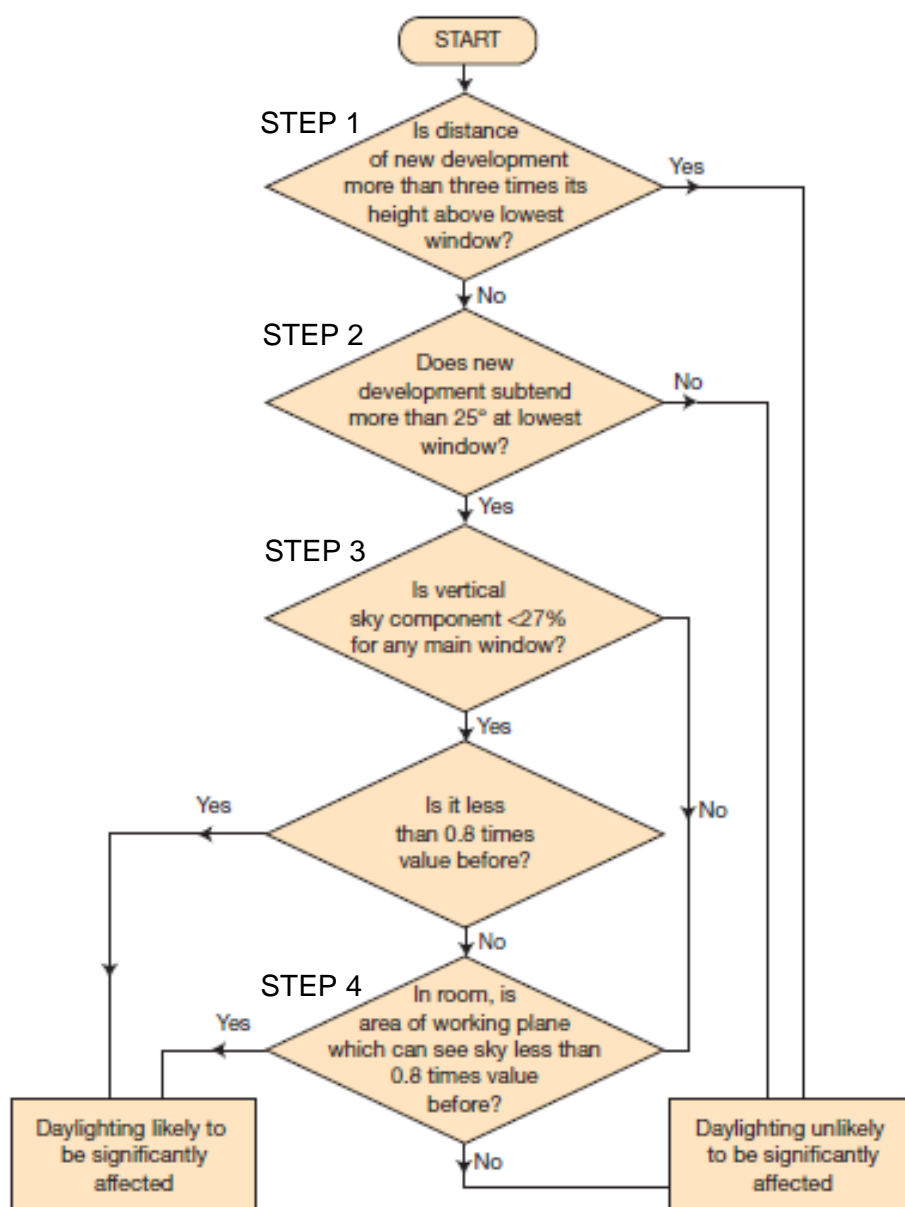


Figure 27 - Daylight Assessment Methodology

9.1.1 DISTANCE FROM THE PROPOSED DEVELOPMENT – STEP 1

As per the flow matrix, the loss of light to existing windows is not required to be analysed if the distance of each part of the new development from the existing window is three or more times its height above the centre of the existing windows. Otherwise, BRE guideline provide the following methods for assessing daylight availability.

9.1.2 25° LINE CRITERIA – STEP 2

In the first instance, if a proposed development falls beneath a 25° angle taken from a point 1.6 metres above ground level from any adjacent properties, then the BRE Guidelines say that no further analysis is required in relation to impact on surrounding properties as adequate skylight will still be available. If the proposed development extends beyond the 25° line then further analysis is required (Step 3).

9.1.3 VERTICAL SKY COMPONENT – STEP 3

The second method is known as the Vertical Sky Component (VSC). The VSC calculation is the ratio of the direct sky illuminance falling on the outside of a window, to the simultaneous horizontal illuminance under an unobstructed sky. The BRE Guide sets out two guidelines for the VSC:

- If the VSC at the centre of the existing window exceeds 27% with the new development in place, then enough sky light should still be reaching the existing window.
- If the VSC with the new development in place is both less than 27% and less than 80% its former value, then the reduction in light to the window is likely to be noticeable.
- This means that even if the VSC is less than 27%, as long as the VSC value is still greater than 80% of its former value, this would be acceptable and thus the impact would be considered negligible.

It is important to note that the VSC is a simple geometrical calculation which provides an early indication of the potential for daylight entering the space. However, it does not assess or quantify the actual daylight levels inside the rooms. If the VSC standard is not met on any window, Step 4 is then followed

9.1.4 NO SKY LINE – STEP 4

This method is the No Sky Line or Daylight Distribution Method. This method assesses the change in position of the No Sky Line between the existing and proposed situations. It does take into account the number and size of windows to a room, but still does not give any qualitative or quantitative assessment of the light in the room, only where sky can or cannot be seen. Thus, as this method is limited, Step 3 is considered more appropriate.

Sections 9.2 and 9.3 on the following pages outline the details of the analysis undertaken.

9.2. IDENTIFYING SENSITIVE RECEPTORS

Prior to following the flow matrix, first the key sensitive receptors around the site need to be identified. According to the BRE Guide, sensitive receptors are described as:

- Habitable rooms in residential buildings, where the occupants have a reasonable expectation of daylight;
- Other sensitive receptors are gardens and open spaces on adjacent properties to the new scheme, excluding public footpaths, front gardens and car parks.
- In accordance with the BRE Guide, windows are selected as sensitive receptors on the basis of being a habitable room facing the proposed development.

Similarly, amenities and open spaces are selected on the basis of being in the immediate vicinity of the proposed development. The primary purpose of a daylight, sunlight and overshadowing assessment is to determine the likely loss of light to adjacent buildings resulting from the construction of the proposed development.

Therefore, in this case, the proposed development is identified as the potential source of impact. The sensitive receptors identified for this study are windows of habitable rooms facing the site where the occupants have a reasonable expectation of daylight.

9.3. DAYLIGHT IMPACT ON SURROUNDING PROPERTIES

25° line criteria

As outlined previously, if a proposed development falls beneath a 25° angle taken from a point 1.6 metres above ground level from any adjacent properties, then the BRE Guidelines state that no further analysis is required in relation to impact on surrounding properties as adequate skylight will still be available. The figure below depicts the 25° perimeter line in red. The properties highlighted in blue fall inside the 25° perimeter line and have been selected for further analysis in order to confirm the magnitude of the impact.



Figure 28 – 25° Line Mark-up

VSC

BRE Guidelines state that if the VSC is $\geq 27\%$ with the new development in place, then enough sky light should still be reaching the existing window. If the VSC value is under 27%, in order for the window to perceive a negligible impact, the VSC with the proposed development in place should still be $\geq 80\%$ of its former value.

A 'worst case' window located on the lower level of the elevation facing the proposed development of each of the properties identified by the 25° perimeter line has been modelled and analysed to measure the level of impact that will be perceived by the proposed development.



Figure 29 – Properties Selected for VSC Analysis

Window Ref.	VSC received – Existing development (%)	VSC received once the proposed development is built (%)	Percentage of its former value (%)	Meets BRE Guidelines VSC≥27% or VSC≥80% of its former value
1	NA	33.1	NA	Y
2	NA	34.0	NA	Y
3	NA	28.0	NA	Y
4	27.5	24.0	87	Y
5	NA	30.0	NA	Y

Table 8 – VSC Results

All adjacent properties with the exception of property 4 achieve a VSC greater than 27%. Therefore, negligible impact will be perceived. Further VSC analysis has been carried out for property 4 showing a VSC greater than 80% of its former value. Therefore, negligible impact will be perceived by any of the surrounding properties due to the proposed development.

10. SUNLIGHT IMPACT ON ADJACENT PROPERTIES (APSH)

In order to assess the sunlight access within the adjacent properties of Blackglen Road development the Annual Probable Sunlight Hours (APSH) have been analysed.

BRE Guidelines outline that if a living room of an existing dwelling has a main window facing within 90° of due south, and any part of a new development subtends an angle of more than 25° to the horizontal measured from the centre of the window in a vertical section perpendicular to the window, then the sunlight of the existing dwelling may be adversely affected (refer to Figure).

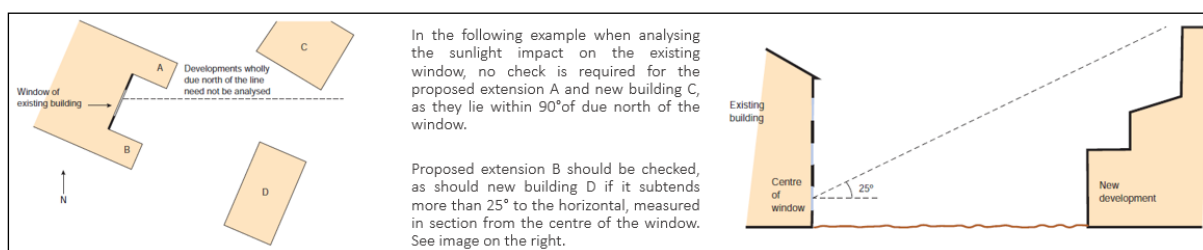


Figure 30 – BRE Extract of the methodology for rooms selection - APSH

The sunlight within adjacent properties may be adversely affected if the center of the window:

- Receives less than 25% of annual probable sunlight hours, or less than 5% of annual probable sunlight hours between September 21st and March 21st;
- Receives less than 80% its former sunlight hours during either period;
- Has a reduction in sunlight received over the whole year greater than 4% of annual probable sunlight hours.

Since BRE Guidelines outline that obstructions within 90° of due north of the existing windows are not required to be included, the properties selected for APSH analysis are the sensitive receptors located to the north, east and west of the proposed development inside the 25° line.

As previously stated a 'worst case' window located on the lower level of the elevation facing the proposed development of each of the properties identified has been modelled and analysed to measure the level of impact that will be perceived by the proposed development.

It must be noted that BRE Guidelines states that to assess loss of sunlight to an existing building, it is suggested that all main living rooms of dwellings should be checked if they have a window facing within 90° of due south. BRE Guidelines also outlines that kitchen and bedrooms are less important, although care should be taken not to block too much sun. Since internal information of the property was not available, it was not possible to determine the type of room serving the window facing the proposed development.



Figure 31 – Properties Selected for APSH Analysis

Window Ref.	APSH (%) - Existing development		APSH (%) - Proposed development		Meets minimum APSH values recommended in BRE Guidelines with the Proposed Development in place		Percentage of its former value (%)	
	Annual	Winter (Sep 21 st – Mar 21 st)	Annual	Winter (Sep 21 st – Mar 21 st)	Annual	Winter (Sep 21 st – Mar 21 st)	Annual	Winter (Sep 21 st – Mar 21 st)
1	NA	NA	33.4	8.7	Y	Y	NA	NA
2	24.8	NA	20.0	5.8	N	Y	81	NA
3	NA	NA	27.6	8.8	Y	Y	NA	NA
4	NA	NA	29.1	8.5	Y	Y	NA	NA

Table 7 – Annual Probable Sunlight Hours Results

The analysis has shown that all adjacent properties will receive sunlight levels in line with BRE Guideline recommendations once the proposed development is built. Therefore, a negligible impact will be perceived.

11. OVERSHADOWING IMPACT TO SURROUNDING OPEN SPACES

BRE Guidelines state that *"if a space is used all year round, the equinox (March 21st) is the best date for which to prepare shadow plots as it gives an average level of shadowing. Lengths of shadows at the autumn equinox (September 21st) will be the same as those for March 21st, so a separate set of plots for September is not required. However, clock times for September will be one hour later, because British Summer Times (BST)"*.

BRE Guidelines identify gardens (usually the main back garden of a house) as sensitive receptors that must be selected for analysis in order to assess the impact that will be perceived once the proposed development takes place. Therefore, the gardens to the houses located in closer proximity to the proposed Blackglen Road development have been selected for analysis. These houses are identified in Figures 32-45.

Based on the recommendations within the BRE Guidelines, March 21st has been used to create the overshadowing images. In addition, overshadowing images for June and December 21st have also been created to give an indication of the sunlight levels that will be received during the summer and winter months.

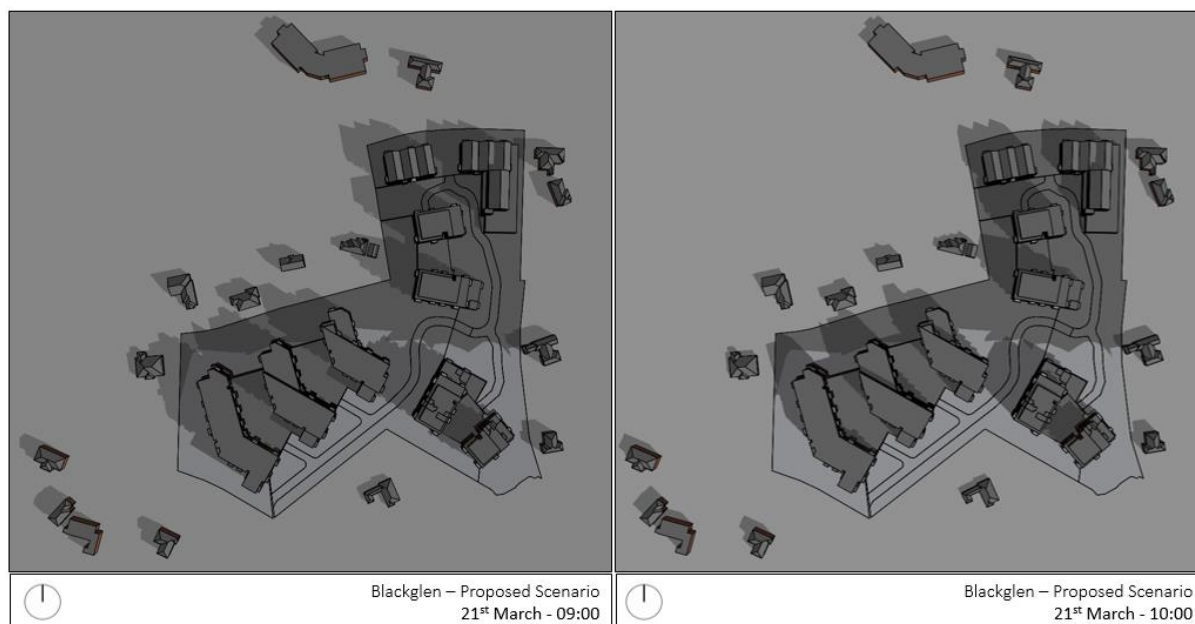


Figure 32 - Overshadowing Images on March 21st at 9 a.m. and 10 a.m.

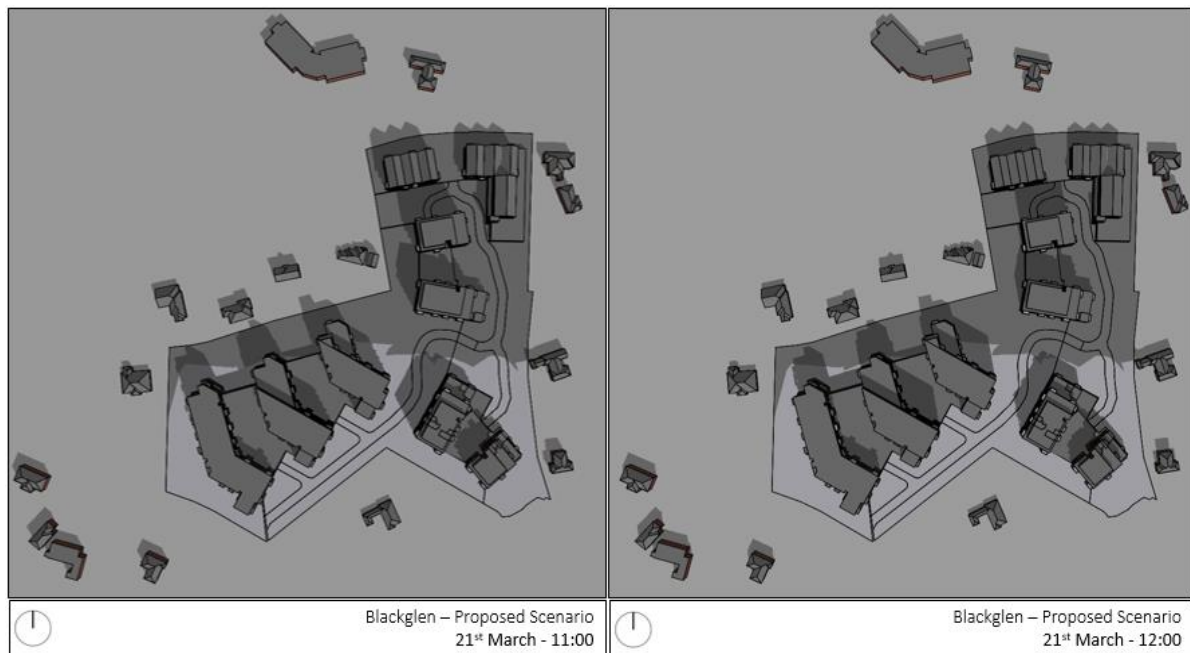


Figure 33 - Overshadowing Images on March 21st at 11 a.m. and 12 p.m.

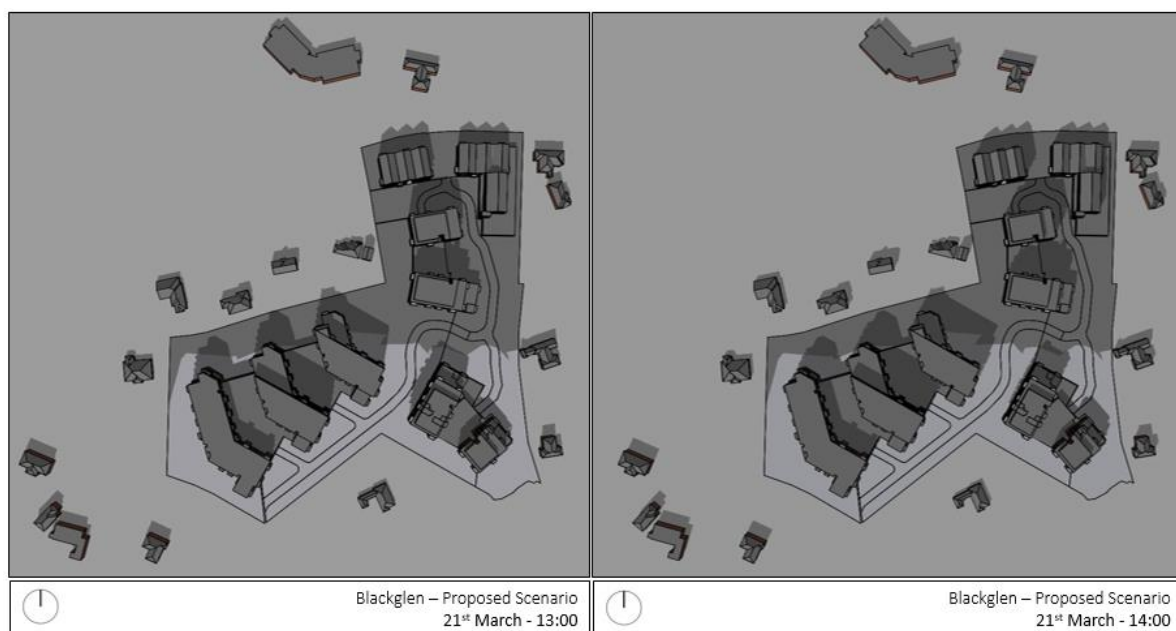


Figure 34 - Overshadowing Images on March 21st at 1 p.m. and 2 p.m.

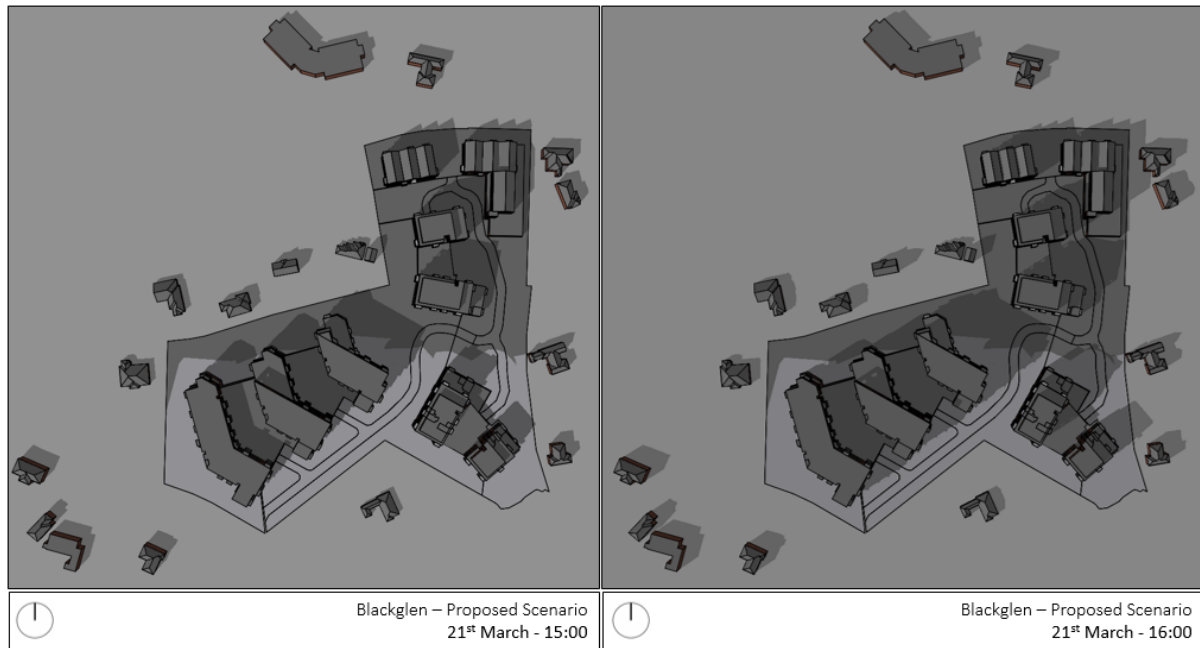


Figure 35 - Overshadowing Images on March 21st at 3 p.m. and 4 p.m.

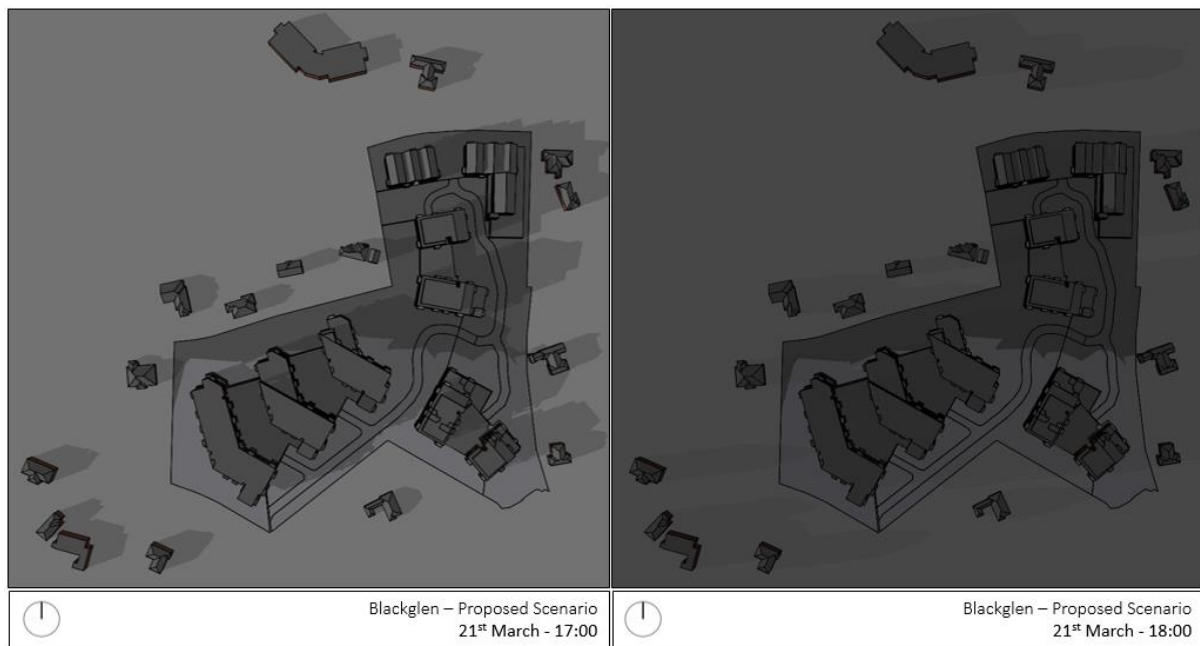


Figure 36 - Overshadowing Images on March 21st at 5 p.m. and 6 p.m.

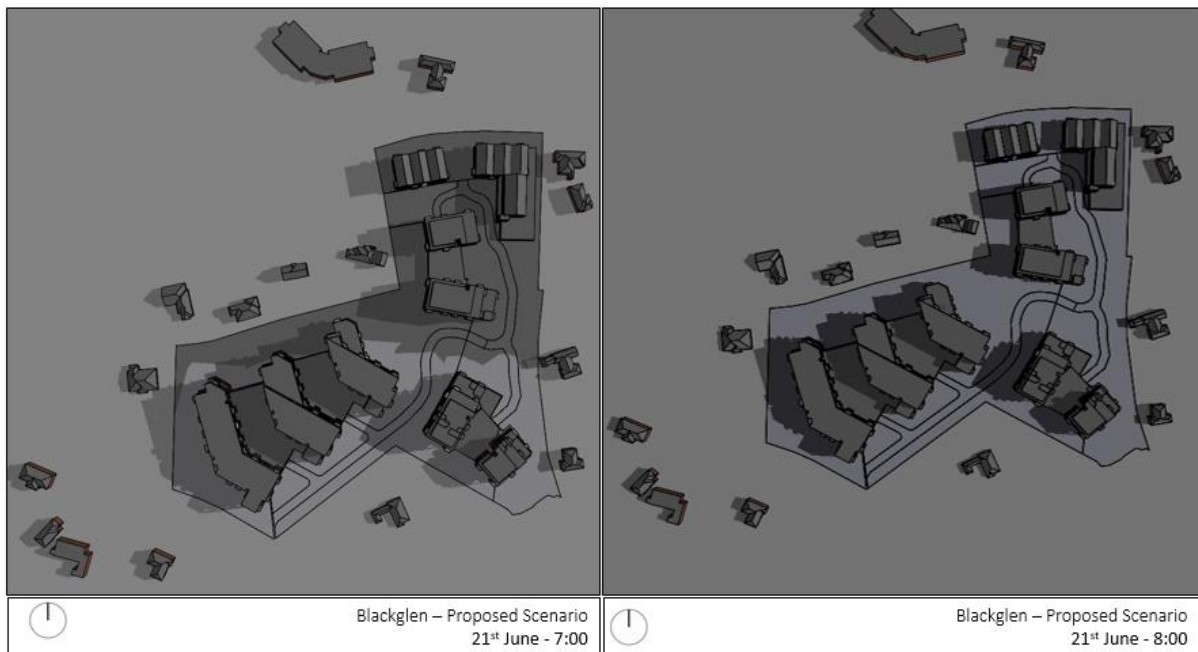


Figure 37 - Overshadowing Images on June 21st at 7 a.m. and 8 a.m.

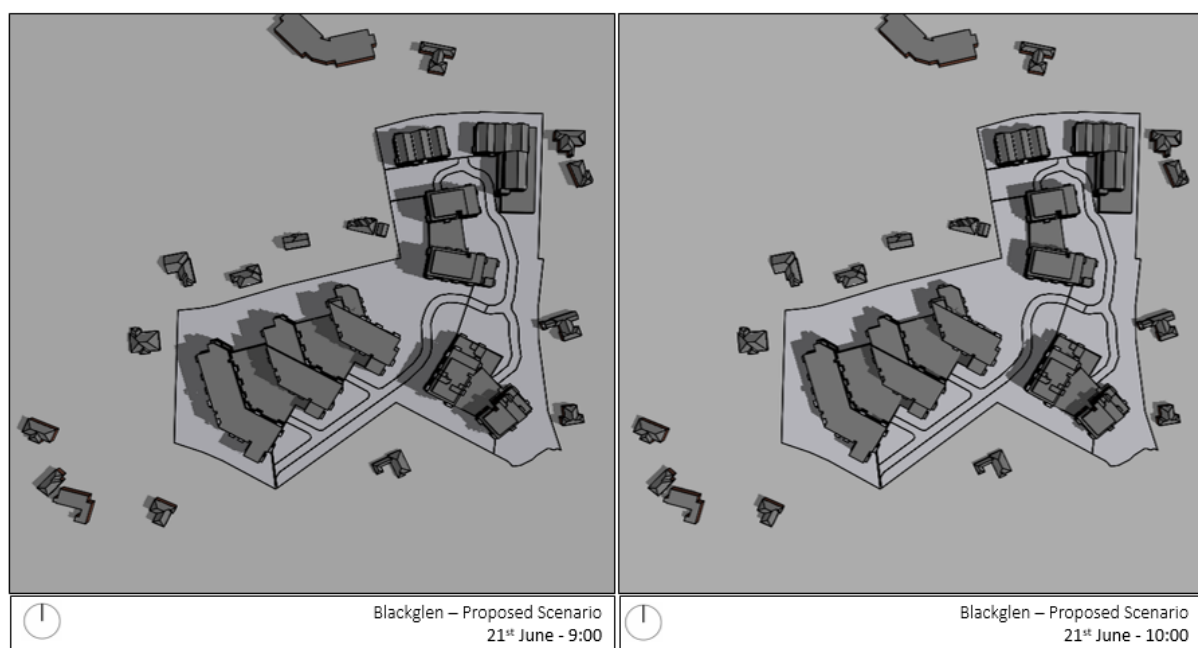


Figure 38 - Overshadowing Images on June 21st at 9 a.m. and 10 a.m.

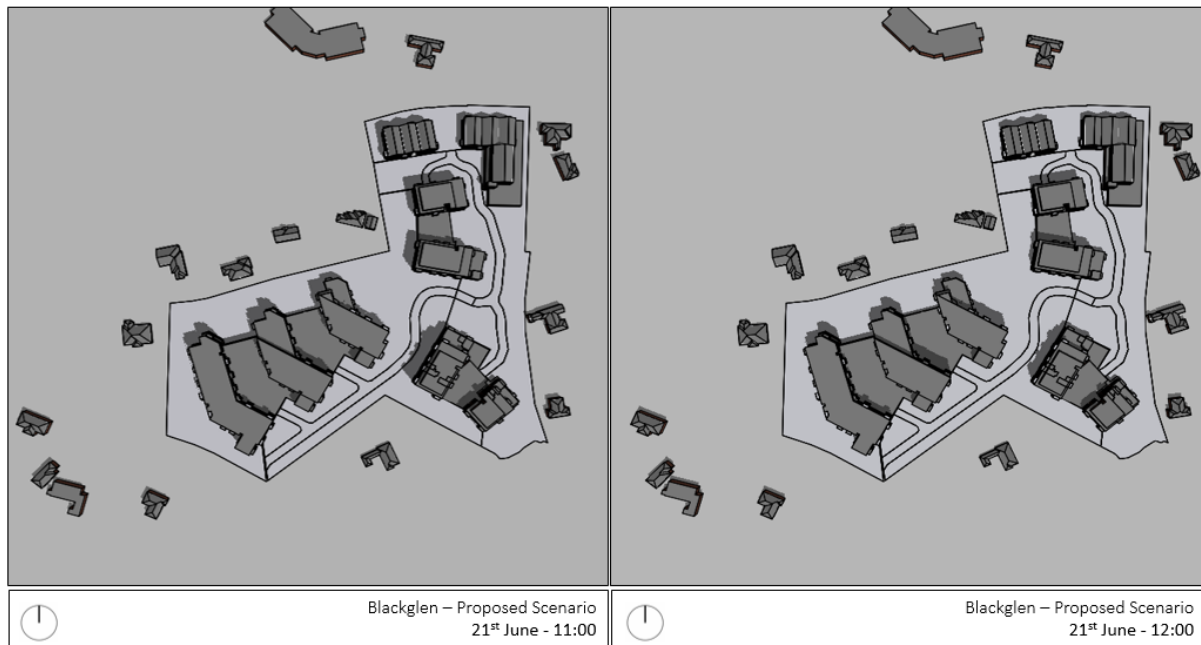


Figure 39 - Overshadowing Images on June 21st at 11 a.m. and 12 p.m.



Figure 40 - Overshadowing Images on June 21st at 1 p.m. and 2 p.m.

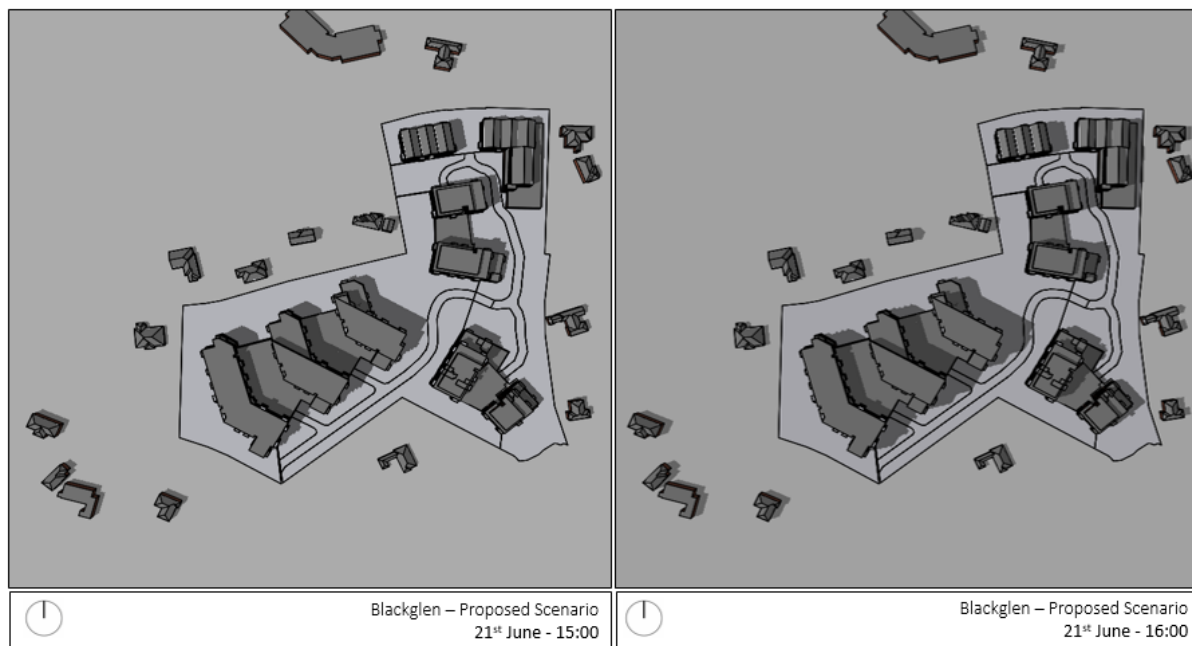


Figure 41 - Overshadowing Images on June 21st at 3 p.m. and 4 p.m.

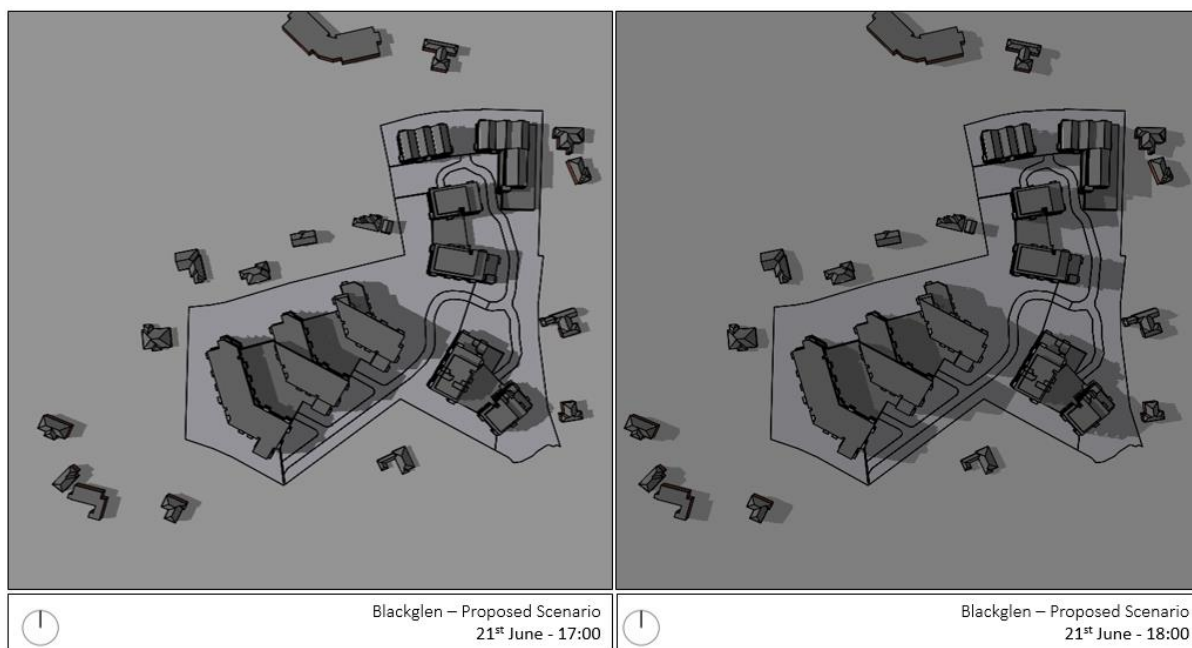


Figure 42 - Overshadowing Images on June 21st at 5 p.m. and 6 p.m.

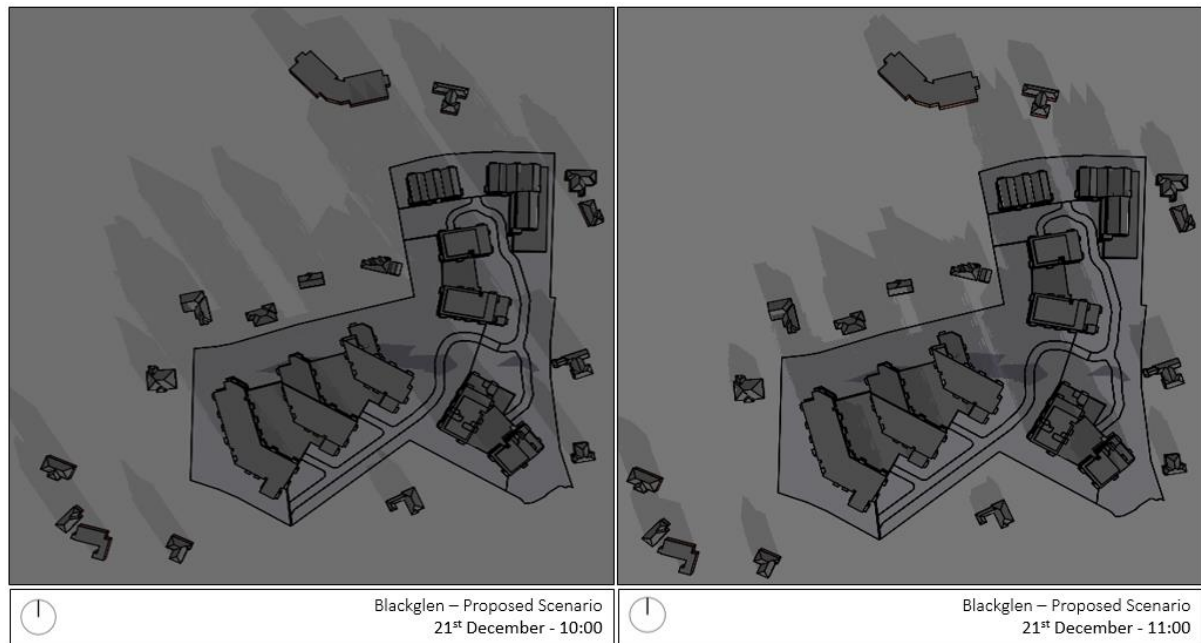


Figure 43 - Overshadowing Images on December 21st at 10 a.m. and 11 a.m.

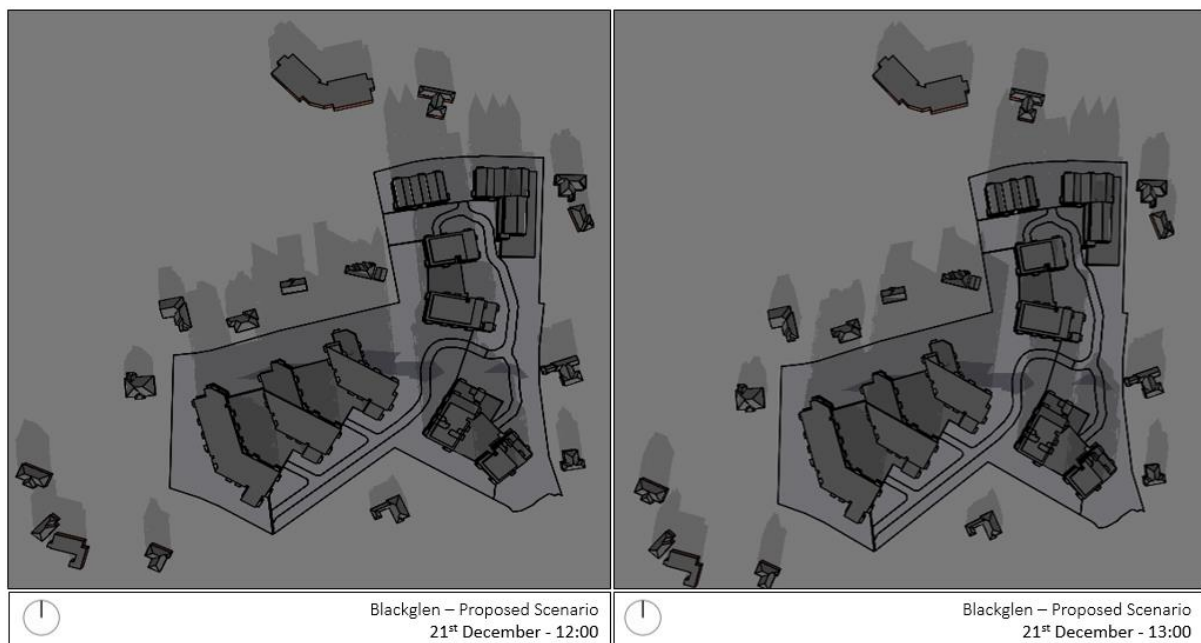


Figure 44 - Overshadowing Images on December 21st at 12 p.m. and 1 p.m.

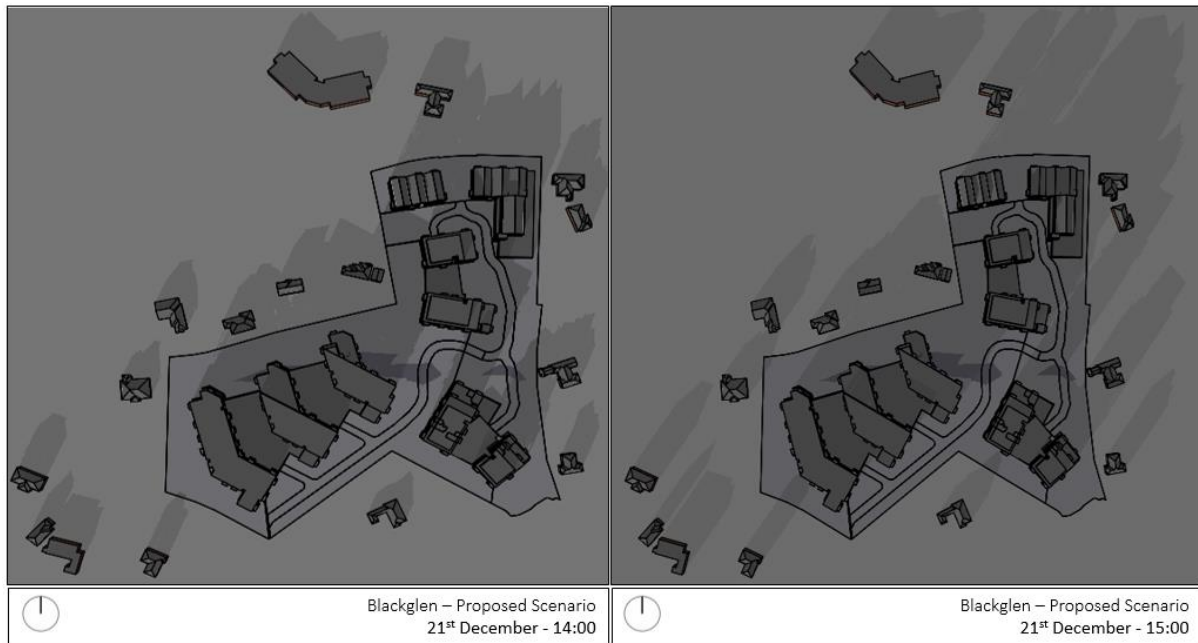


Figure 45 - Overshadowing Images on December 21st at 2 p.m. and 3 p.m.

12. CONCLUSION

The proposed development Blackglenn Road has been analysed in order to determine the following:

- The daylight levels within the living, kitchen and bedroom areas of all apartments, to give an indication of the expected daylight levels throughout the proposed development;
- The expected sunlight levels within the living, kitchen and bedrooms areas within the proposed development;
- The quality of amenity space, being provided as part of the development, in relation to sunlight;
- Any potential daylight or sunlight impact the proposed development may have on properties adjacent to the site.

Calculations and methodology used are in accordance with BRE Guidelines for daylight and sunlight and based on both the British Research Establishments "Site Layout Planning for Daylight and Sunlight: A Good Practice Guide" by PJ Littlefair, 2011 Second Edition and the 2022 Third Edition, however, the following should be reiterated as previously outlined:

"The advice given here is not mandatory and this document should not be seen as an instrument of planning policy. Its aim is to help rather than constrain the designer. Although it gives numeral guidelines these should be interpreted flexibly because natural lighting is only one of the many factors in site layout design"

Internal daylight within the proposed development

The analysis confirms that across the entire development excellent levels of internal daylight are achieved. The majority of apartments not only meet but greatly exceed the recommendations outlined within the BRE Guidelines and British Standard BS8206 (2011 Methodology), achieving a 99.3% compliance rate across the proposed apartments. Similarly, when compared against the 2022 Methodology, third edition of the same document, a pass rate of 94.5% has been achieved across the development.

Sunlight to proposed development amenity spaces

In terms of sunlight access, excellent levels of sunlight are experienced across the proposed development. The communal amenity spaces provided exceed the BRE guidelines for sunlight on the test day of 21st of March.

Sunlight to windows within the proposed development

The annual probable sunlight hours assessment has shown that 60% of windows across the development achieve the recommended APSH values stated in the BRE Guidelines, while 62% of windows achieve the recommended values during the winter months, when sunlight is more valuable.

Impact to surrounding properties

The analysis also shows that the proposed building has imperceptible daylight and sunlight to windows impact to neighbouring properties.

The overshadowing images have demonstrated that the only impact to adjacent properties will be to those located to the East of the proposed development. A minimal impact will be perceived on March 21st at 9am and 3 p.m.



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