May 2024

Permission for Modifications to Previously Approved ‘Parklands Pointe’ Apartments (SHD ABP-305563-19) at Fortunestown Lane and Parklands Parade, Saggart, Co. Dublin

Daylight and Sunlight Assessment Report

Applicant: Greenacre Residential DAC

“The advice given here is not mandatory and the guide should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design.” - BR 209

+353 (0) 1 288 0186

info@3ddesignbureau.com

www.3ddesignbureau.com

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Report Contents

The following report has been prepared by 3D Design Bureau (3DDB). 3DDB have over 7 years experience in producing daylight and sunlight assessments for large scale planning applications and are recognised as experts in the field. This report has been reviewed and overseen by Nicholas Polley and Richard Dalton. Nicholas is CEO of 3D Design Bureau and is a qualified Building Services Engineer (B.Sc.(Eng) Dip Eng) with over 25 years experience in the industry. Richard is Associate Director of 3DDB and has a bachelors degree in Building Information Modelling (BIM) with over 20 years experience in the industry.

1.0 Executive Summary

1.1 Summary of Assessment

3D Design Bureau (3DDB) were commissioned to carry out a comprehensive daylight and sunlight assessment, along with an accompanying shadow study for the proposed modifications to previously approved 'Parklands Pointe' Apartments (Reg. Ref. SHD ABP-305563-19) at Fortunestown Lane and Parklands Parade, Saggart, Co. Dublin.

The granted planning permission on the subject site (ABP-305563-19) comprises of 5 no. blocks (Blocks A to E) and all associated landscaped public open spaces. This proposed application consists of amendments to Blocks C to E and the contiguous landscaped open spaces, whose areas of interest are marked in blue in Figure 1.1 below.

To assess the impact of the proposed amendments on the surrounding existing properties to the north, 3DDB drew a comparison of the results obtained with the proposed amendments, with the results generated with the development as per its extant permission. Also, the impacts to the granted Block B in the subject site, which is not part of this amendment application, have been assessed.

Assessments have been broken down into the following two main categories, 'Impact Assessment' and 'Scheme Performance', of which there are subcategories as summarised below:

Impact Assessment

The following are the model states that were used for the impact assessments:

- **Baseline model state**: The development site in its existing state. This model state has been used when generating the baseline results for the existing neighbouring properties.
- **Granted model state**: The granted development (ABP-305563-19) has been modelled into the existing baseline state. This model state has been used to assess the impact on the neighbouring properties. It has also been used to generate the baseline results for the granted Block B within the subject site, which is not part of this amendment application.
- **Proposed model state**: The proposed development, which includes the amendments to Block C to E, has been modelled into the existing baseline state. This model state has been used to assess the impact of the proposed development on the neighbouring properties (#1 below). It has also been used to assess the impact to the granted Block B within the subject site (#2 below).

The impact assessments that were carried out for this report, in accordance with the BRE Guidelines, have studied the potential levels of effect the surrounding existing environment and/or properties would sustain should the proposed development be built as proposed. A comparison has also been drawn between the proposed development and the granted development. Therefore, the effects were assessed in the baseline state versus the proposed state and the baseline state versus the granted state (as detailed above and further explained in section 4.2.1 on page 16). A visual representation of the granted model state and the proposed model state can be seen in the renderings of the shadow study in the appendix section on Page 31.

The impact assessment for this project has covered the following metrics:

- Effect on daylight to surrounding properties. The effect to the Vertical Sky Component (VSC) of the windows of the following neighbouring properties was assessed:
  - 28-48 Parklands Parade #1
  - Granted Block B (ABP-305563-19) #2
- Effect on sunlight to surrounding properties. The effect to the annual and winter probable sunlight hours (APSH/ WPSH) of the windows of the following neighbouring properties was assessed:
  - 28-48 Parklands Parade #1
  - Granted Block B (ABP-305563-19) #2

Figure 1.1: Scope of surrounding properties assessed. The area highlighted in blue denotes the area containing the proposed amendments. The properties marked with * and ** have not been included in the assessments as they fall outside the BRE assessment criteria. For further explanation please refer to section 4.1 on page 14.

Following advice within the BRE Guidelines, the surrounding context was carefully considered to ensure all properties and amenity spaces that may potentially experience a level of effect have been included in the study. A more detailed explanation of the criterion applied can be found in section "4.1 Impact Assessment, Window Selection Criteria" on page 15.

Note: There are no surrounding external amenity areas for which the effect on sun on ground (SOG) warranted assessment. Therefore, this assessment has been excluded from the impact studies. Furthermore, as marked on Figure 1.1 on the previous page, the symbols * and ** denote the properties that also fall outside the BRE Guidelines criteria for assessment.

The results of the impact assessments can be found in section A.0 on page 31. These results are summarised in section 1.2 and explained in section "5.1 Analysis of Impact Assessment Results" on page 23.

Scheme Performance

Daylight access for the habitable rooms of the proposed development, which includes the amended Blocks C to E, has been assessed through a Spatial Daylight Autonomy (SDA) study. Sunlight access for the same rooms has been quantified through a Sunlight Exposure (SE) assessment. A Sun On Ground (SOG) study has also been carried out to indicate the level of sunlight on March 21st in the proposed external amenity spaces. These are the internal courtyards of Blocks C to E and the public open spaces between the blocks. The results of these scheme performance assessments, which are in accordance with the BRE Guidelines, can be found in section C.0 on page 68. These results are summarised in section 1.4 and explained in section “5.2 Analysis of Scheme Performance Results” on page 25.

Supplementary scheme performance studies have also been carried out. These include an SDA assessment under the I.S. EN 17037 criterion, and a No Sky Line (NSL) study within proposed habitable rooms. The results of the supplementary scheme performance assessments can be found in section D.0 on page 158.

1.2 Impact Assessment Results Overview - Existing Properties:

Effect to Daylight - Vertical Sky Component (VSC) :

Effect to Vertical Sky Component (VSC)		
Windows Assessed	36	
	Granted state*	Proposed state*
Negligible	23	17
Minor Adverse	13	19
Moderate Adverse	0	0
Major Adverse	0	0
Beneficial Impact**	0	0
n.a.***	0	0

Effect to Sunlight - Annual Probable Sunlight Hours (APSH):

Effect to Annual Probable Sunlight Hours (APSH)		
Windows Assessed	36	
	Granted state*	Proposed state*
Negligible	36	36
Minor Adverse	0	0
Moderate Adverse	0	0
Major Adverse	0	0
Beneficial Impact**	0	0
n.a.***	0	0

Effect to Sunlight - Winter Probable Sunlight Hours (WPSH):

Effect to Winter Probable Sunlight Hours (WPSH)		
Windows Assessed	36	
	Granted state*	Proposed state*
Negligible	36	31
Minor Adverse	0	3
Moderate Adverse	0	0
Major Adverse	0	2
Beneficial Impact**	0	0
n.a.***	0	0

* For definition of model states please refer to the 'Methodology' section on "Building the Model States" on page 16.

**'Beneficial Impact' will only be stated if the ratio of change is greater than 1.20 (an improvement of 20%). Should less perceptible improvements occur a 'Negligible' level of effect will be stated.

***In instances where a baseline value is particularly low, levels of effects can appear exaggerated. To mitigate such occurrences, If the baseline value in the VSC, APSH/WPSH or SOG studies is below 1%, 3DDB have categorised the level of effect as n.a. (not applicable). Where windows/ gardens/amenity areas are considered non-applicable, these instances are not included in the compliance rates calculation.

1.3 Impact Assessment Results Overview - Granted Block B:

Effect to Daylight - Vertical Sky Component (VSC) :

Effect to Vertical Sky Component (VSC)	
Windows Assessed	35
Negligible	35
Minor Adverse	0
Moderate Adverse	0
Major Adverse	0
Beneficial Impact*	0
n.a.**	0

Effect to Sunlight - Annual Probable Sunlight Hours (APSH):

Effect to Annual Probable Sunlight Hours (APSH)	
Windows Assessed	35
Negligible	35
Minor Adverse	0
Moderate Adverse	0
Major Adverse	0
Beneficial Impact*	0
n.a.**	0

Effect to Sunlight - Winter Probable Sunlight Hours (WPSH):

Effect to Winter Probable Sunlight Hours (WPSH)	
Windows Assessed	35
Negligible	35
Minor Adverse	0
Moderate Adverse	0
Major Adverse	0
Beneficial Impact*	0
n.a.**	0

* For definition of model states please refer to the ‘Methodology’ section on “Building the Model States” on page 6.

**‘Beneficial Impact’ will only be stated if the ratio of change is greater than 1.20 (an improvement of 20%). Should less perceptible improvements occur a ‘Negligible’ level of effect will be stated.

***In instances where a baseline value is particularly low, levels of effects can appear exaggerated. To mitigate such occurrences, If the baseline value in the VSC, APSH/WPSH or SOG studies is below 1%, 3DDB have categorised the level of effect as n.a. (not applicable). Where windows/ gardens/amenity areas are considered non-applicable, these instances are not included in the compliance rates calculation.

1.4 Scheme Performance Results Overview:

Spatial Daylight Autonomy (SDA):

Spatial Daylight Autonomy (SDA) BRE 209 Criteria	
Unit Count	396
Rooms Assessed	1133
Without Trees	
Compliant	1068
Non-compliant	65
Compliance Rate*	c. 94%
Trees in Winter State (Proposed and Existing Trees)	
Compliant	1048
Non-compliant	85
Compliance Rate*	c. 92%
Trees in Summer State (Proposed and Existing Trees)	
Compliant	1006
Non-compliant	127
Compliance Rate*	c. 89%
Note: It is the expert opinion of 3DDB that the appropriate criteria for SDA assessments are that of the BRE Guidelines (BRE 209)	

* Compliance rates stated for the SDA analysis are based on the rooms that have been assessed within the amended Blocks C, D and E.

Sunlight Exposure (SE):

Sunlight Exposure (SE)	
Units Assessed	396
SE with trees as opaque objects	
Non-Compliant	53
Minimum	137
Medium	80
High	126
Compliance Rate*	c. 87%
SE without deciduous trees	
Non-Compliant	38
Minimum	148
Medium	81
High	129
Compliance Rate*	c. 90%

* Compliance rates stated for the SE analysis are based on the units that have been assessed within the amended Blocks C, D and E.

Sun On Ground (SOG) in proposed amenity areas:

Sun On Ground (SOG) in proposed amenity areas	
Areas Assessed	6
Areas meeting the guidelines	6
Areas not meeting the guidelines	0
Compliance Rate*	100%

* Compliance rates stated are based on the public and communal open spaces within the amended portion of the development site.

1.5 Supplementary Assessment Results Overview

Spatial Daylight Autonomy (SDA) under I.S. EN 17037 Criterion:

Spatial Daylight Autonomy (SDA) under I.S. EN 17037 Criterion	
Unit Count	396
Rooms Assessed	1133
Without Trees	
Compliant	795
Non-compliant	338
Compliance Rate*	c. 70%
Trees in Winter State (Proposed and Existing Trees)	
Compliant	746
Non-compliant	387
Compliance Rate*	c. 66%
Trees in Summer State (Proposed and Existing Trees)	
Compliant	696
Non-compliant	437
Compliance Rate*	c. 61%
Note: The study under the I.S. EN 17037 criterion should be considered a supplementary assessment. It is the expert opinion of 3DDB that the appropriate criteria are that of the BRE Guidelines (BRE 209)	

* Compliance rates stated for the SDA analysis are based on the rooms that have been assessed within the amended Blocks C, D and E.

No Sky Line (NSL):

No Sky Line (NSL):	
Unit Count	396
Rooms Assessed	1133
Yes	814
No	319
Compliance Rate**	c. 72%
** As the BRE Guidelines do not provide a recommended minimum for NSL in proposed developments, compliance rates for NSL are calculated using a criteria applied by 3DDB.	

* Compliance rates stated for the NSL analysis are based on the rooms that have been assessed within the amended Blocks C, D and E.

2.0 Guidelines / Standards

Summary

Neither the British Standard, European Standard, British Annex to the European Standard nor the BRE Guide set out rigid standards or limits. They are all considered advisory documents. The BRE Guide is preceded by the following very clear statement as to how the design advice contained therein should be used:

"*The advice given here is not mandatory and the guide should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design.*"

That the recommendations of the BRE Guide are not suitable for rigid application to all developments in all contexts, is of particular importance in the context of national and local policies for the consolidation and densification of urban areas or when assessing applications for highly constrained sites (e.g. lands in close proximity or immediately to the south of residential lands). A compromise may have to be made concerning daylight and sunlight compliance to achieve national or local planning objectives.

It is the expert opinion of 3D Design Bureau, that the BRE Guidelines (*BR 209*) are the most appropriate guiding document for daylight and sunlight assessment. For daylight within proposed developments, a supplementary study has also been carried out under the criteria of *I.S. EN 17037*. The rationale for this opinion is outlined below.

Sustainable Urban Housing: Design Standards for New Apartments Guidelines for Planning Authorities. (2023)

In July 2023, the Department of Housing, Planning and Local Government published a guidance document for new apartments, *Sustainable Urban Housing: Design Standards for New Apartments*. This document makes reference to, *EN 17037:2018: Daylight in Buildings* (the European Standard), *BS EN 17037:2018: Daylight in Buildings* (the UK National Annex to the European Standard) and to the 3rd edition of Building Research Establishment's *Site Layout Planning for Daylight and Sunlight: a Guide to Good Practice* (BR 209 2022).

Paragraph 6.7 of the 2023 apartment guidelines states:

"*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 constraints [sic] 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.*"

As such, this report identifies where daylight and sunlight recommendations have and have not been achieved. Rationale and compensatory design solutions are the remits of the planning consultant and/or the project architect, these will also be included in this report when possible.

Note: Section 3.2 of the Urban Development and Building Height Guidelines 2018, provides similar guidance as above. However, it should be noted that at the time of publication of the *Urban Development and Building Height Guidelines (2018),* BR 209 was in the 2nd edition, first published in 2011. Since then, a 3rd edition of BR 209 has been published (June 2022) and the 2nd edition has been withdrawn. BR 209 no longer references *BS 8206-2:2008*, which has also been withdrawn. The standard used as reference in BR 209 edition 3 is *BS EN 17037*.

BRE - Site Layout Planning for Daylight and Sunlight: a Guide to Good Practice (2022)

This document will be referred to as *the BRE Guidelines* in this report.

At the time of writing this report, the BRE Guidelines are in the third edition (BR 209). The BRE Guidelines set out recommendations for appropriate levels of daylight and sunlight within a proposed development, as well as providing guidance on impacts arising from a proposed development to surrounding properties and amenity areas.

It is the expert opinion of 3D Design Bureau that the BRE Guidelines are the most appropriate guiding document for assessing daylight potential within a proposed development. The rationale for this opinion is outlined in the Dublin City Development Plan (2022-2028), which states:

"*Prior to 2018, Ireland had no standard for daylight. In 2018, the National Standards Authority of Ireland adopted EN 17037 to directly become IS EN 17037. It is important to note that no amendments were made to this document and unlike BS EN 317037, it does not contain a national annex. It offers only a single target for new buildings (there are no space by space targets – e.g. a kitchen would have the same target as a warehouse or office). It does not offer guidance on how new developments will impact on surrounding existing environments. These limitations make it unsuitable for use in planning policy or during planning applications. BR 209 must still be used for this purpose.*"

Whilst BRE Guidelines draws reference from BS EN 17037, there are some subtle differences between BR 209 and BS EN 17037. For the purposes of this report, the BRE Guidelines (BR 209) is considered the appropriate reference document.

A detailed description of the various recommendations for impact assessment and scheme performance is contained in section "4.3 Quantitative Impact Assessment Overview" on page 18 of this report.

EN 17037:2018: Daylight in Buildings (2018)

*EN 17037 i*s a European Standard that provides recommendations for daylight within spaces. (Emphasis added)

EN 17037:2018 recommends that 300 lux should be received across 50% of a hypothetical reference plane of any room for half of the daylight hours of the year, with no less than 100 lux received across 95% of the reference plane. No distinction is made for the function of the room for target lux levels within this standard.

It is the opinion of 3D Design Bureau that these target values are less appropriate for proposed residential developments than the recommendations made in the BRE Guidelines, which apply room-specific target values for appropriate LUX levels.

Recommendations made in EN 17037 regarding Sunlight Exposure for proposed developments have been incorporated into the BRE Guidelines. As such, Sunlight Exposure is deemed the appropriate assessment for sunlight within habitable rooms of the proposed development.

EN 17037 also makes recommendations related to glare and quality of view out. These aspects are not addressed in this report as these assessments have less relevance in a residential context where occupants have the freedom to move about in order to improve level of glare or alter the view out.

I.S. EN 17037:2018 Daylight in Buildings (2018)

*I.S. EN 17037 i*s a direct adoption of the European Standard *EN 17037:2018* that provides recommendations for daylight within spaces.

The target values given within *I.S. EN 17037* are directly adopted from *EN 17037*. As such, there are no room-specific recommendations for daylight. Because of these limitations, it is the expert opinion of 3D Design Bureau, that the recommendations made in the *BRE Guidelines* are more appropriate to use than those within *I.S. EN 17037*.

Regardless, a supplementary SDA study has been carried out on the proposed development using the criterion of *I.S. EN 17037*, with compliance rates stated. However, this should be considered a supplementary study.

BS EN 17037:2018: Daylight in Buildings (2018)

BS EN 17037 is the British Annex to the European Standard (see above). The British Annex acknowledges that a rigid application of the European Standard "may not be achievable". It states *"... it is the opinion of the UK committee that the recommendations for daylight provision in a space [...] may not be achievable for some buildings, particularly dwellings."*

In BS EN 17037, daylight recommendations differ depending on the function of a room. Target lux levels are applied across 50% of the reference plane of a room for half of the daylight hours. The target lux levels are:

• 200 Lux for kitchens • 150 Lux for living rooms • 100 Lux for bedrooms

No minimum is stated to be achieved across 95% of the working plane. If a space has dual purposes it is advised that the higher target value should be applied.

The Compact Growth Guidelines (2024)

The Compact Growth Guidelines offers guidance on compact growth principles as a means to promote sustainable development, efficient land use, and infrastructure while minimizing sprawl and environmental degradation, contributing to sustainable urban growth, enhance liveability and support broader planning objectives.

In regard to daylight, section 5.3.7 states:

"The provision of acceptable levels of daylight in new residential developments is an important planning consideration, in the interests of ensuring a high quality living environment for future residents. It is also important to safeguard against a detrimental impact on the amenity of other sensitive occupiers of adjacent properties.

(...)

(b) In cases where a technical assessment of daylight performance is considered by the planning authority to be necessary regard should be had to quantitative performance approaches to daylight provision outlined in guides like A New European Standard for Daylighting in Buildings IS EN17037:2018, UK National Annex BS EN17037:2019 and the associated BRE Guide 209 2022 Edition (June 2022), or any relevant future standards or guidance specific to the Irish context.

In drawing conclusions in relation to daylight performance, planning authorities must weigh up the overall quality of the design and layout of the scheme and the measures proposed to maximise daylight provision, against the location of the site and the general presumption in favour of increased scales of urban residential development. Poor performance may arise due to design constraints associated with the site or location and there is a need to balance 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."

The Compact Growth Guidelines should be applied within statutory development plans and during the consideration of individual planning applications. Flexibility in interpretation allows planning authorities to tailor recommendations to specific local contexts and planning objectives.

South Dublin County Development Plan (2022-2028)

The guidance provided in the South Dublin County Development Plan 2022-2028 references the 2nd Edition of the BRE Guidelines (BR 209-2011) and BS 8206-2:2008. The 2nd edition of the BRE Guidelines (BR 209-2011) has been withdrawn and replaced with the 3rd edition (BR 209-2022). BR 209-2011 used target values and criteria set out in BS 8206-2:2008 which has also been withdrawn and replaced with EN 17037. The 3rd edition of the BRE Guidelines (BR 209-2022) takes guidance from BS EN 17037.

Section 12.6.7 of the South Dublin County Development Plan states:

"Residential Developments shall be guided by the quantitative performance approaches and recommendations under the 'Site Layout Planning for Daylight and Sunlight' (2nd edition): A Guideline to Good Practice (BRE 2011) and BS 8206-2: 2008 – 'Lighting for Buildings – Part 2: Code of Practice for Daylighting' or any updated guidance."

As the South Dublin County Development Plan allows for consideration of any updated or subsequent guidance, the 3rd edition of the BRE Guidelines (BR 209-2022) has been used as the primary guiding document for this report.

3.0 Glossary

3.1 Terms and Definitions

Below is a list of daylight and sunlight terminology that may be used in this report depending on the assessments carried out.

Skylight
Non directional ambient light cast from the sky and environment.

Sunlight
Direct parallel rays of light emitted from the sun.

Daylight
Combined skylight and sunlight.

Overcast sky model
A completely overcast sky model, used for daylight calculation.

Cloudless sky model
A completely cloudless sky model, used for sunlight exposure calculation.

Model State
The model state is a term used to describe the configuration of the digital model used to run analysis. Model states will typically reflect a baseline state and a proposed or cumulative state. For a definition of the model states used in the analysis carried out in this report, please refer to “Preparing the analytical model” on page 16.

Vertical Sky Component (VSC)
Ratio of that part of illuminance, at a point on a given vertical plane, that is received directly from an overcast sky model, to illuminance on a horizontal plane due to an unobstructed hemisphere of this sky. Usually the ‘given vertical plane’ is the outside of a window wall. The VSC does not include reflected light, either from the ground or from other buildings.

Annual Probable Sunlight Hours (APSH) / Winter Probable Sunlight Hours (WPSH)
Annual Probable Sunlight Hours (APSH) and Winter Probable Sunlight Hours (WPSH) are a measure of sunlight that a given window may expect over a year period (1 Jan - 31 Dec), or the winter period (21 Sep - 21 Mar) respectively.

North facing windows may receive sunlight on only a handful of occasions in a year, and windows facing eastwards or westwards will receive sunlight only at certain times of the day. Taking this into account, the BRE Guidelines suggest that windows with an orientation within 90 degrees of due south should be assessed.

Sun On Ground (SOG)
Assessment of what portion of a garden or amenity space is capable of receiving 2 hours or more of direct sunlight on March 21st.

Sunlight Exposure (SE)
The number of hours of direct sunlight a room can expect to receive on a given date between February 1st and March 21st at a determined point on the windows.

Spatial Daylight Autonomy (SDA)
Spatial Daylight Autonomy assesses whether a space receives sufficient daylight on a working plane during standard operating hours on an annual basis. For compliance, the target value is achieved across 50% of the working plane for half of the occupied period.

No Sky Line (NSL)
The no sky line divides points on the working plane which can and cannot see the sky.

Working plane
Horizontal, vertical or inclined plane in which a visual task lies. Normally the working plane may be taken to be horizontal, 850 mm above the floor in houses and factories, 700 mm above the floor in offices. The plane is offset 300mm from the room boundaries under BR 209 criteria, and 500mm from the room boundaries under I.S. EN 17037 criteria.

LKD
Living / Kitchen / Dining room.

BRE Target Value
When assessing the effect a proposed development would have on a neighbouring property, a target value will be applied. This applied target value is generated as per the criteria set out for each study in the BRE Guidelines.

Alternative Target Value
It could be appropriate to use alternative target values when conducting assessment of effect on existing properties. If such instances occur the rationale will be clearly explained and the instances where the alternative target values have been applied will be clearly identified.

Level of BRE Compliance
Each table in the study that has a column identified as “Level of BRE Compliance”, identifies how an assessed instance performs in relation to the appropriate target value. If the instance is in compliance with the recommendations as made in the BRE Guidelines the value will be expressed as “BRE Compliant”. If the instance does not meet the criteria as set out in the BRE Guidelines a percentage will be expressed to determine the level of compliance with the recommendation. This value determines the definition of effect.

LUX
Lux is a standardised unit of measurement of light level intensity. A measurement of 1 lux is equal to the illumination of a one metre square surface that is one metre away from a single candle.

3.2 Definition of Effects

The BRE Guidelines state that:

"Adverse impacts occur when there is a significant decrease in the amount of skylight and sunlight reaching an existing building where it is required, or in the amount of sunlight reaching an open space. The assessment of impact will depend on a combination of factors, and there is no simple rule of thumb that can be applied."

As such, planning authorities should consider a range of localised factors when making decisions. The terminology suggested in the BRE Guidelines is as listed below, whilst the assessment of impact should depend on a combination of factors. The BRE Guidelines also state:

"Where a new development affects a number of existing buildings or open spaces, the clearest approach is usually to assess the impact on each one separately. It is also clearer to assess skylight and sunlight impacts separately."

Taking this advice, 3DDB have categorised the level of effect on each window/room/open space on an individual basis. In quantifying the levels of effect, 3DDB have assigned numerical values to the levels of compliance with the BRE recommendations. By applying a numerical logic to the terminology used in defining the levels of effect there is no ambiguity regarding how the levels of effect have been categorised within this report.

The list of definitions given below is taken from '*Appendix H: Environmental impact assessment*' of the BR 209 with a clear indication of how they have been applied in the context of this report.

Negligible
For the purposes of this Sunlight and Daylight Assessment Report a '*Negligible*' level of effect will be stated if the level of effect is within the criteria as recommended in the BRE Guidelines and the applied target value has been achieved.

Minor Adverse
For the purposes of this Sunlight and Daylight Assessment Report, a '*Minor Adverse*' level of effect will be stated if the level of effect is marginally outside of the criteria as stated in the BRE Guidelines. Typically a '*Minor Adverse*' level of effect will be applied if the level of daylight or sunlight is reduced to equal or greater than 80% and less than 100% of the applied target value.

Moderate Adverse
For the purposes of this Sunlight and Daylight Assessment Report, a 'Moderate Adverse' level of effect will be stated if the level of daylight or sunlight is reduced to equal or greater than 50% and less than 80% of the applied target value. '*Moderate Adverse*' levels of effect are quite typical in instances where a proposed development is planned on an under-developed plot of land.

Major Adverse
An effect which, by its character, magnitude, duration or intensity alters a sensitive aspect of the environment. For the purposes of this Sunlight and Daylight Assessment Report a '*Major Adverse*' level of effect will be stated if the proposed development reduces the availability of daylight or sunlight of a neighbouring property to significantly below a baseline level. A '*Major Adverse*' level of effect will be stated if the level of daylight or sunlight is reduced to less than 50% of the applied target value.

Beneficial Impact
In relation to sunlight or daylight access, it is conceivable that a proposed development could yield positive effects on the neighbouring properties. In such circumstances the development would typically involve a reduction to the size or scale of built form (e.g. such as the demolition of a building or the removal of a large belt of evergreen trees, which might result in an increase in light access). Where such improvements occur, a '*Beneficial Impact*' will only be stated if the ratio of change is greater than 1.20 (an improvement of 20%). Should less perceptible improvements occur a '*Negligible*' level of effect will be stated.

Not Applicable (n.a.)
In instances where a baseline value is particularly low, levels of effects can appear exaggerated. To mitigate such occurrences, if the baseline value in the VSC, APSH/WPSH or SOG studies is below 1%, 3DDB have categorised the level of effect as n.a. (not applicable).

Averaged Windows (-)
If it can be determined or reasonably assumed that multiple windows are servicing the same room, each window will be assessed and a weighted average will be calculated. In such instances the level of effect for the room will be stated, but the level of effect for the individual windows contributing towards the average will be left blank in the table. This will be indicated in the tables with the dash symbol. (-)

3.3 Definition of Levels of Sunlight Exposure

For interiors, access to sunlight can be quantified. BR 209 recommends that a space should receive a minimum of 1.5 hours of direct sunlight on a selected date between 1 February and 21 March with cloudless conditions. It is suggested that 21 March (equinox) be used. The medium level of recommendation is three hours and the high level of recommendation four hours. For dwellings, at least one habitable room, preferably a main living room, should meet at least the minimum criterion.

Level of Sunlight Exposure:

The level of sunlight exposure will be stated for each assessed room in the tables under section "C.3 Sunlight Exposure (SE) in Proposed Units" on page 121. Below is a list of the terms used to categorise the levels of sunlight exposure:

Below Minimum
Sunlight exposure will be categorised as 'below minimum' if the potential sunlight for the assessed room is less than 1.5 hours on March 21st. Note: the recommendation is that a room within a proposed unit is capable of receiving 1.5 hours of direct sunlight on March 21st. If an individual room does not achieve this recommendation, it does not mean that the unit is non compliant.

Minimum
A 'minimum' level of sunlight exposure will be stated if the potential sunlight for the assessed room is between 1.5 hours and 3 hours on March 21st.

Medium
A 'medium' level of sunlight exposure will be stated if the potential sunlight for the assessed room is between 3 hours and 4 hours on March 21st.

High
A 'high' level of sunlight exposure will be stated if the potential sunlight for the assessed room is greater than 4 hours on March 21st.

Unit Compliance:

In addition to the level of sunlight exposure expressed for each room, compliance will be stated on a unit-by-unit basis. A proposed unit is considered to be compliant if any habitable room within the unit is capable of receiving at least 1.5 hours of sunlight on the assessment date.

Non-Compliant
If no habitable rooms within a proposed unit can receive 1.5 hours of sunlight on the assessment date, the unit will be categorised as 'Non-Compliant'.

Compliant
If at least one habitable room within a proposed unit can receive 1.5 hours or more of sunlight on the assessment date, the unit will be categorised as 'Compliant'.

Typically unit compliance will be stated for the best performing room per unit only, with lesser performing rooms indicated with a dash (-). However, if more than one room in a given unit is considered to be the best performing room (i.e. they have the same number of SE hours on March 21st), then the unit compliance column will be populated in the first instance only.

4.0 Methodology

4.1 Impact Assessment, Window Selection Criteria

To determine the properties to be included in the impact assessment, the decision chart taken from the BRE Guidelines has been followed, as shown in Figure 4.2.

Accordingly, all properties within a distance of three times the height of the proposed development, as illustrated in Figure 4.1, have been considered for impact assessment.

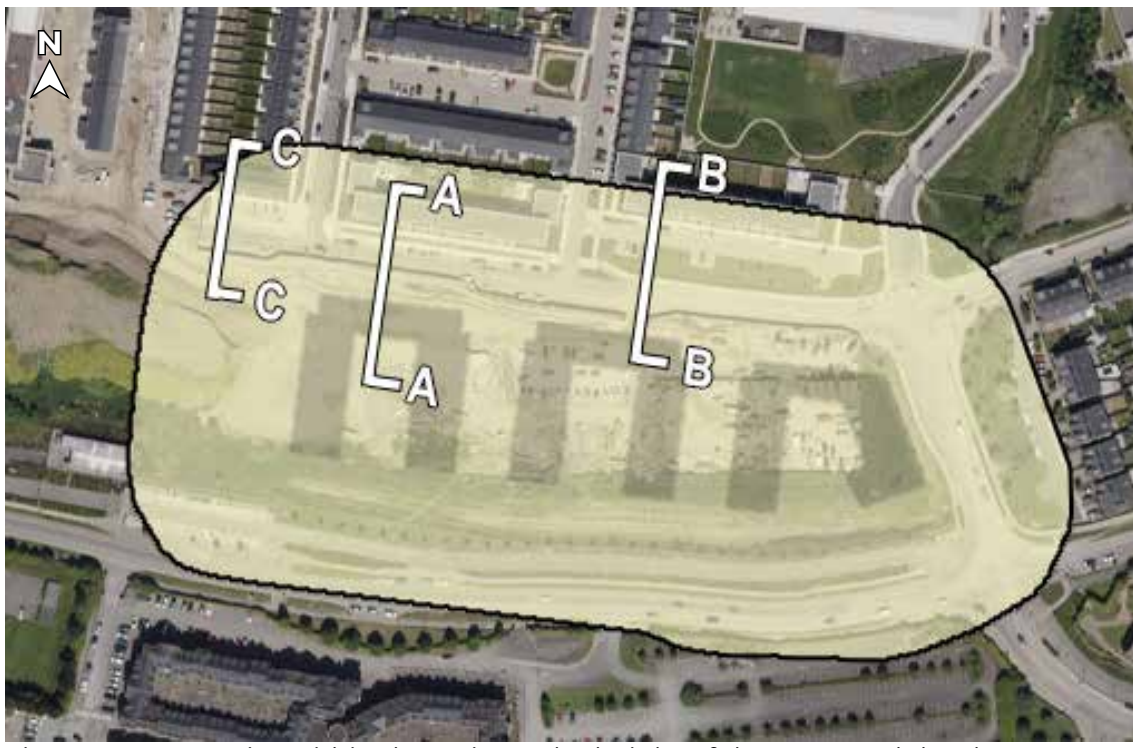


Figure 4.1: Properties within three times the height of the proposed development

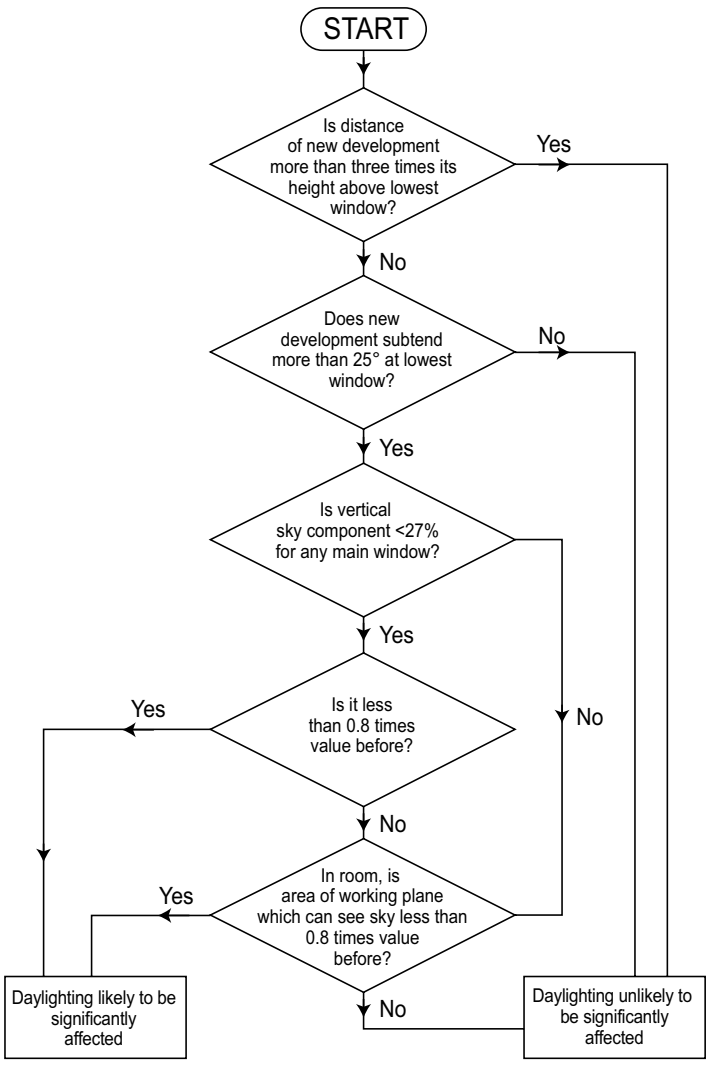


Figure 4.2: VSC decision chart, taken from BR 209.

Figure 4.3: Section A-A taken through #46 Parklands Parade

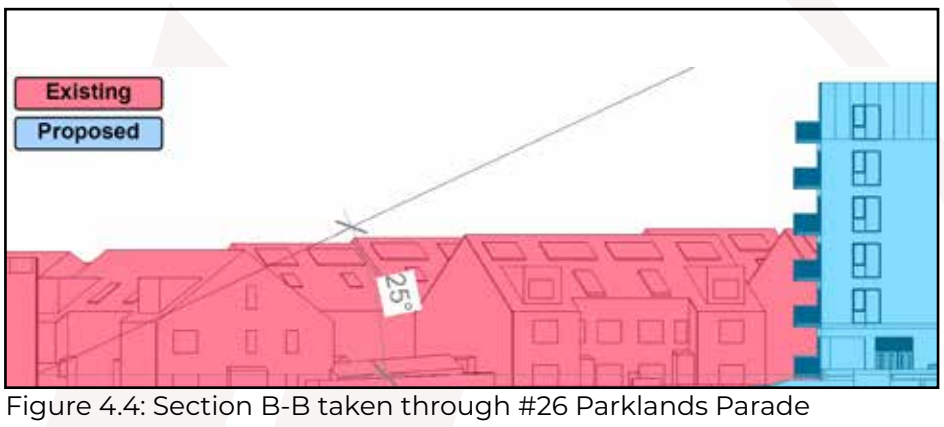


Figure 4.4: Section B-B taken through #26 Parklands Parade

As per the BRE Guidelines, a perpendicular section has been drawn from the main window wall of the potentially affected properties to determine if the proposed development subtends an angle of more than 25° at the lowest window.

If the proposed development subtends 25° in this section, then a VSC assessment should be conducted. Figure 4.3 shows a perpendicular section taken through #46 Parklands Parade which provides an example of where the proposed development subtends 25° when measured in a perpendicular section through an existing window.

However, if the proposed development does not subtend 25° in a perpendicular section, daylight is unlikely to be significantly affected and no further assessment will be carried out. Figure 4.4 shows a perpendicular section taken through #26 Parklands Parade which provides an example of where an existing window is within 3 times the height of the proposed development but the proposed development does not subtend 25° when measured in a perpendicular section. Section C-C in Figure 4.1, taken through #54 Parklands Parade, shows an example of a perpendicular section through an existing windows that does not intercept the proposed development, with no assessment required.

A detailed description regarding the methodology of the VSC assessment can be found in 4.3.1 on page 18.

It is advised that if a window/room does not meet the BRE criteria in the VSC impact assessment that a no sky line (NSL) assessment should then be carried out. However, a NSL assessment requires accurate dimensions and layouts of the existing rooms and windows. Due to common lack of availability regarding the required information, it is not common practice to carry out a no sky line study when assessing impact on existing properties.

The BRE Guidelines also apply the 25° rule to determine the need for an impact assessment for loss of sunlight (APSH/WPSH). They also advise that only windows with an orientation within 90° of due south should be assessed. It is recommended to assess the main living rooms of dwellings and conservatories, while APSH/WPSH assessments are typically not required for kitchens and bedrooms.

In practice, 3DDB include all windows meeting the proximity criteria in an APSH/WPSH assessment, avoiding the need for assumptions about room functionality in existing dwellings.

While the BRE Guidelines recommend conducting an impact assessment on the lowest window where daylight/sunlight is needed, if a property is found to have a window potentially affected by the proposed development, based on the previously explained criteria, all windows facing the proposed development on that property will be assessed. This approach provides a more comprehensive understanding of the overall impact on the property.

4.2 Preparing the analytical model

4.2.1 Building the Model States

The project architect, Darmody Architecture, supplied 3DDB with AutoCAD drawings of the proposed development from which a 3D analytical model was created. Landscape drawings were issued by Cunnae Stratton Reynolds (CSR) Landscape Architects. A combination of survey information, aerial photography, available online photography and/or ordnance survey information were used to model the surrounding context and assessed buildings. **Note:** as the information gathered from online sources is not as accurate as surveyed information, a reasonable tolerance should be allowed to the placement of windows, boundary treatments and the results generated.

Baseline model state

As illustrated in Figure 4.5, the baseline model state reflects the existing environment. It includes the surrounding context and the subject site in their current standing. This includes any structures that are to be demolished as part of this application. Existing trees were placed using photogrammetry information, with assumptions made regarding exact size, position and species.

This model state has been used when generating the baseline results for all the existing neighbouring properties (please refer to Figure 1.1 on page 3 for these properties).

The BRE Guidelines recommend that impact assessments should be carried out if any part of a new building or extension, measured in a vertical section perpendicular to a main window wall of an existing building, from the centre of the lowest window, subtends an angle of more than 25° to the horizontal. This criteria has been used to ensure all windows that could possibly sustain an adverse level of effect have been included in the model when running VSC and APSH/WPSH assessments.

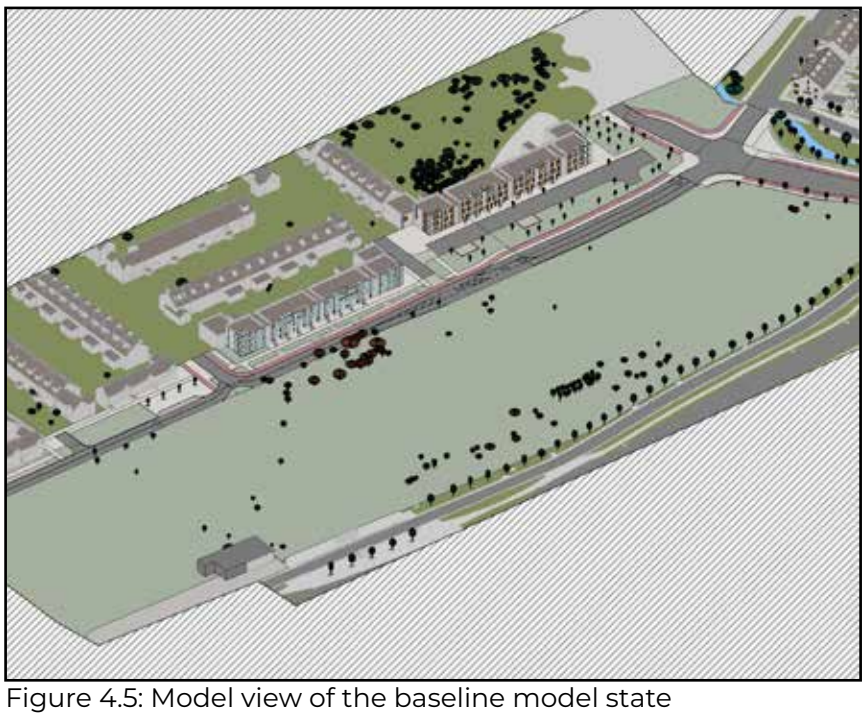


Figure 4.5: Model view of the baseline model state

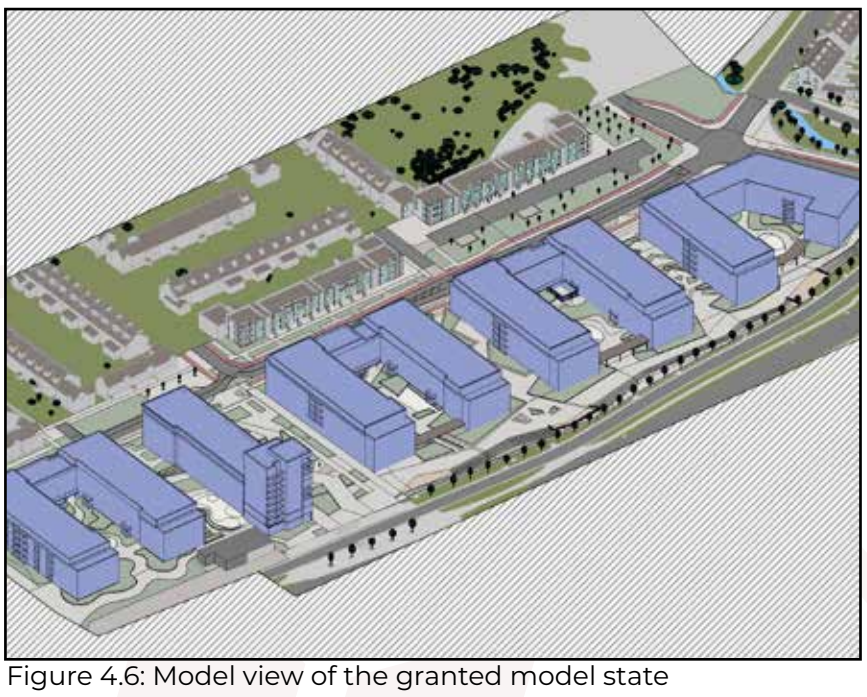


Figure 4.6: Model view of the granted model state

Granted model state

As illustrated in Figure 4.6, the granted model state reflects the subject site if the development is built as per the extant permission (ABP-305563-19). This includes granted landscaping on the subject site and the demolition of existing structures, etc. The granted buildings have been positioned in their location on the subject site with relevant surrounding context included. Simplified models of trees within the granted development have also been included according to the information provided by the landscape architect.

This model state has been used for assessing the impact of the granted development on the existing neighbouring properties to allow for comparison with the potential impact caused by the proposed amendments. It has also been used to generate baseline results for the granted block B in order to evaluate if the proposed amendments will have an impact to the this block.

Proposed model state

As illustrated in Figure 4.7, the proposed model state reflects the subject site if the development is built as per the proposed amendments to the granted permission (ABP-305563-19). This includes the amendments to Blocks C, D and E, and to the contiguous proposed landscaping on the granted subject site. Proposed buildings have been positioned in their location on the subject site with relevant surrounding context included. Simplified models of proposed trees within the development have also been included according to the information provided by the landscape architect.

This model state has been used when assessing the impact of the proposed amendments on the existing neighbouring properties and on the granted Block B in the subject site. This model state has also been used to test scheme performance.

All of the above information was subsequently used to prepare a digital analytical model in software specifically designed for daylight and sunlight analysis.

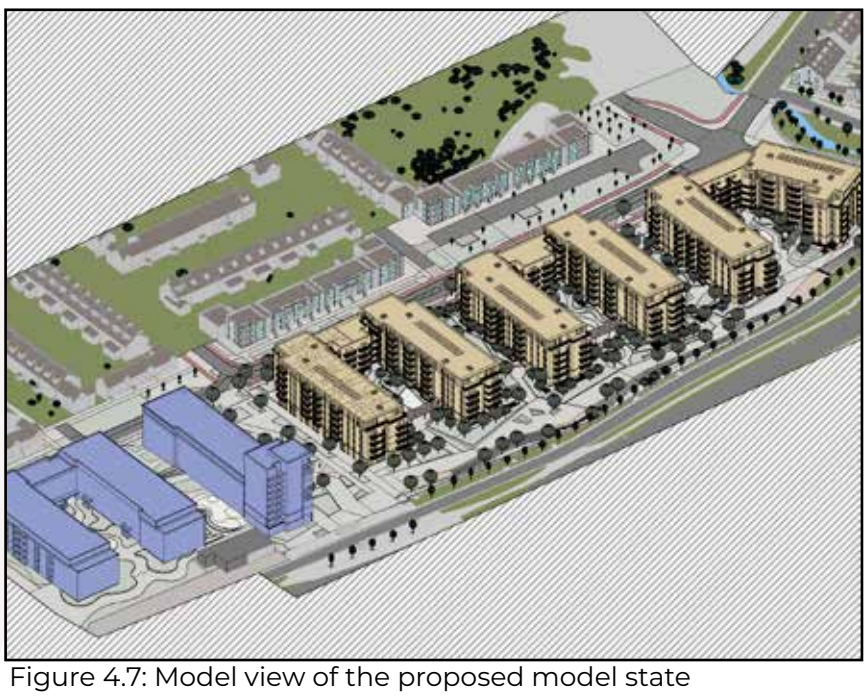


Figure 4.7: Model view of the proposed model state

Relevant weather and climatic data has been obtained for this report using a localised EnergyPlus Weather File (IRL_Dublin.039690_IWEC.epw).

4.2.2 Trees

It is generally not possible to accurately represent trees in a digital 3D model as the size and shape will differ greatly from tree to tree. When modelling trees for this assessment assumptions have been made and tree geometry has been simplified.

For the purpose of the analysis carried out in this report, the position and size of existing trees have been estimated using photogrammetry information. The shape of the trees have been simplified and the species of each tree has been assumed. Simplified models of proposed trees within the development have also been included according to the information provided by the landscape architect.

BR 209 provides guidance on how trees should be treated depending on the study being carried out, as summarised below:

Impact to Vertical Sky Component (VSC) and Annual / Winter Probable Sunlight Hours (APSH / WPSH)

The BRE Guidelines state that when assessing the effect a new development would have on existing buildings, it is usual to ignore the effect of deciduous trees. This is because daylight is at its scarcest and most valuable in winter when most trees will not be in leaf. Evergreen trees should be included, particularly where a dense belt or group of evergreens is specifically planned as a windbreak or for privacy purposes.

Sun On Ground (SOG)

The BRE Guidelines states that when 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. This is partly because the dappled shade of a tree is more pleasant than the deep shadow of a building (this applies especially to deciduous trees)."

As such, deciduous trees have not been included in the calculation of SOG, unless there is a dense belt present or a group of trees specifically planned as a windbreak or for privacy purposes. Evergreen trees are included in the SOG assessment.

Sunlight Exposure (SE)

The BRE Guidelines state that as deciduous trees would not be in full leaf on the recommended assessment date (March 21st), sunlight would be expected to penetrate deciduous trees. However, as trees have so many variables, it is impossible to accurately represent how they would affect sunlight at a given time. The suggested methodology (BR 209) to allow for this is to run the sunlight exposure study in two states. Once with trees as opaque objects and secondly without deciduous trees in the assessment model. This gives a range of potential sunlight hours.

Spatial Daylight Autonomy (SDA)

BR 209 recommends when assessing daylight in a proposed building, it is appropriate to run the assessment with trees represented in both winter and summer conditions. Light transmittance values of 60% and 20% have been applied to deciduous tree canopies for winter and summer assessments respectively. A light transmittance value of 20% has been applied to evergreen trees throughout the year. Units have also been assessed without trees to give an understanding of how the architecture performs should trees not be factored into the calculation.

I.S. EN 17037 does not give any guidance on how trees should be represented. For the purpose of this report, the SDA calculation under the I.S. EN 17037 criteria has been carried out with trees represented in both winter and summer conditions. Light transmittance values of 60% and 20% have been applied to deciduous tree canopies for winter and summer assessments respectively. A light transmittance value of 20% has been applied to evergreen trees throughout the year. Units have also been assessed without trees to give an understanding of how the architecture performs should trees not be factored into the calculation.

No Sky Line (NSL)

Because some sky can usually be seen through a tree canopy, deciduous trees have not been included in the No Sky Line assessment model. Evergreen trees may be included in this assessment, particularly if there is a dense belt or group planned for windbreak or for privacy purposes.

Shadow Study

The hourly renderings of the shadow study have been generated with evergreen trees represented as opaque objects, where applicable, and without deciduous trees. This method best represents the methodology used for the impact assessment and allows for a better understanding of potential shadows cast by the proposed development through the tree canopy.

4.3 Quantitative Impact Assessment Overview

4.3.1 Effect on Vertical Sky Component (VSC)

A proposed development could potentially have a negative effect on the level of daylight that a neighbouring property receives, if the obstructing building is large in relation to their distance from the existing dwelling.

Section 4.1 outlines the decision process which was used to determine the appropriate properties to be included in the VSC impact assessment.

For the proposed development, all properties within a radius of three times the height of the proposed development have been considered for impact assessment. Should the angle from the windows to the proposed development subtend 25° in a perpendicular section, then VSC is calculated in both the baseline and proposed model states, and a comparison made.

A no skyline assessment requires accurate dimensions and layouts of both rooms and windows. However, the required information is rarely available for existing dwellings. As such, it is not common practice to carry out a no sky line (NSL) impact assessment.

VSC can be defined as the amount of skylight that falls on a vertical wall or window.

This report assesses the percentage of direct sky illuminance that falls on the assessment point of neighbouring windows that could be affected by the proposed development.

The BRE Guidelines state that if the VSC is:

- At least 27%, then conventional window design will usually give reasonable results;
- Between 15% and 27%, then special measures (larger windows, changes to room layout) are usually needed to provide adequate daylight;
- Between 5% and 15%, then it is very difficult to provide adequate daylight unless very large windows are used;
- Less than 5%, then it is often impossible to achieve reasonable daylight, even if the whole window wall is glazed.

The VSC for each window/room will be calculated in the relevant model states, as outlined in section 4.2 on page 16. A comparison between the results generated with these model states will determine the level of effect.

A proposed development could possibly have a noticeable effect on the daylight received by an existing window, if the following occurs:

- The VSC value drops below the guideline value of 27%; **and**
- The VSC value is less than 0.8 times the existing value.

In instances where a baseline value is less than 1%, the impact will be considered '*non-applicable*' (n.a.)

Under BRE Guidelines, only habitable rooms need to be assessed for effect to VSC. In the absence of design layouts or floor plans, or information pertaining to the internal 'as-built' layouts, assumptions are usually made regarding the function of the windows of the existing surrounding properties (i.e. what room type is served by the window being assessed). For the properties across 28-48 Parklands Parade, assessed as part of this study, the floorplans made available to 3DDB allowed the determination of which windows service habitable rooms.

Typically, the effect on ground floor windows is greater than the effect on windows of subsequent floors. However, floors above ground floor level have been included in this study to give a more comprehensive assessment. In the case of the assessment carried out on the granted Block B, windows/rooms have been included up to the 2nd floor. The subsequent floors have not been included as all the windows/rooms assessed presented a '*negligible*' level of effect.

Assessment Points

The VSC impact assessment has been carried out on the windows/rooms of the neighbouring properties that could be affected by the proposed development as highlighted in Figure 1.1 on page 3.

The assessment points for measuring VSC are taken from the centre point of a standard window. If the window being assessed is a full height window, the assessment point is taken at 1600 mm above the finished floor level.

Weighted Averages

If it can be determined or reasonably assumed that multiple windows are servicing the same room, each window has been assessed and a room VSC has been calculated by applying a weighted average calculation to the results.

When calculating weighted averages the proportion of the total glazing area represented for each window is taken into account. It should be noted that assumptions typically need to be made regarding window sizes, so a tolerance should be applied regarding calculated weighted averages.

In instances where weighted averages have been calculated, the VSC figures will be stated for each window on an individual basis as well as the calculated figure to be applied to the room, but the level of effect will only be stated for the room.

Project Assessment

Following the BRE decision chart, as illustrated in Figure 4.2 on page 15, a VSC impact assessment has been carried out on the windows/rooms of the neighbouring properties that could be affected by the proposed development as indicated in Figure 1.1 on page 3.

The results for the VSC assessment can be found in the appendix results section A.1 on page 31, with analysis of the results in section 5.1.1 on page 23.

4.3.2 Effect on Annual/Winter Probable Sunlight Hours (APSH/WPSH)

Annual/Winter Probable Sunlight Hours (APSH/WPSH) is a measure of sunlight that a given window may expect to receive over the period of a year. The percentage of APSH/WPSH that windows in existing properties receive might be affected by a proposed development.

A proposed development could potentially have a negative effect on the level of sunlight that a neighbouring property receives, if the obstructing building is located to the south and is large in relation to their distance from the existing dwelling. This can be determined if the distance of a proposed development is less than three times its height from an existing dwelling, or if the angle from an existing window to the proposed development subtends 25° to the horizontal when measured in a perpendicular section.

Whether a window is considered for APSH/WPSH impact assessment is based on its orientation. A south-facing window will, in general, receive the most sunlight. North facing windows may receive sunlight on only a handful of occasions in a year, and windows facing eastwards or westwards will receive sunlight only at certain times of the day. Taking this into account, the BRE Guidelines suggest that windows with an orientation within 90 degrees of due south should be assessed.

Section 4.1 outlines the decision process which was used to determine the appropriate properties to be included in the APSH/WPSH impact assessment.

The APSH/WPSH for each of the assessed windows will be calculated in the relevant model states, as outlined in section 4.2 on page 16. A comparison between the results generated with these model states will determine the level of effect.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, the APSH/WPSH has been assessed for the room as opposed to each individual window. When APSH/WPSH is assessed for a room it considers sunlight coming from all windows, but does not double count if sunlight is reaching multiple windows at the same time.

If the room can receive more than 25% of APSH, including at least 5% of the WPSH, then the room should receive enough sunlight.

A proposed development could possibly have a noticeable effect on the sunlight received by an existing window, if the following occurs:

- The APSH value drops below the annual (25%) or winter (5%) guidelines; **and**
- The APSH value is less than 0.8 times the baseline value; **and**
- There is a reduction of more than 4% to the annual APSH.

In some circumstances, the available sunlight during the winter period (WPSH) may both drop below the recommended minimum of 5% with a proposed value of less than 0.8 times the baseline value, but the reduction to annual probable sunlight (APSH) is less than 4%. Such occurrences are considered compliant with the BRE Guidelines, and the impact to WPSH will be stated as '*negligible*' on that basis.

Additionally, where a baseline value is less than 1%, the impact will be considered '*non-applicable*' (n.a.)

Under BRE Guidelines, only main living-rooms need to be assessed for effect on sunlight. In the absence of design layouts or floor plans, or information pertaining to the internal 'as-built' layouts, all windows assumed to be servicing habitable rooms have been included in the APSH/WPSH assessment provided they are orientated within 90° of due south and are in relative close proximity to the proposed development. For the properties across 28-48 Parklands Parade, assessed as part of this study, the floorplans made available to 3DDB allowed the determination of which windows service habitable rooms.

Typically, the effect on ground floor windows is greater than the effect on windows of subsequent floors. However, floors above ground floor level have been included in this study to give a more comprehensive assessment. In the case of the assessment carried out on the granted Block B, windows/rooms have been included up to the 2nd floor. The subsequent floors have not been included as all the windows/rooms assessed presented a '*negligible*' level of effect.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, the APSH/WPSH has been assessed for the room as opposed to each individual window. When APSH/WPSH is assessed for a room it considers sunlight coming from all windows, but does not double count if sunlight is reaching multiple windows at the same time.

Assessment Points

The assessment points for measuring APSH/WPSH are taken from the centre point of a standard window. If the window being assessed is a full height window, the assessment point is taken at 1600 mm above the finished floor level.

Project Assessment

The APSH/WPSH impact assessment has been carried out on the windows/rooms of the neighbouring properties that could be affected by the proposed development as indicated in Figure 1.1 on page 3, with an orientation within 90 degrees of due south.

The results for the APSH/WPSH assessment can be found in the appendix results section A.2 on page 40, with analysis of the results in section 5.1.2 on page 24.

4.4 Qualitative Assessment - Shadow Study

A shadow study has been carried out to allow a qualitative comparison between the relevant model states, as outlined in section 4.2 on page 16. This visual representation of the shadows cast by the proposed development can be found in the hourly shadow diagrams in the appendix results section B.0 on page 50.

Hourly renderings have been shown from sunrise to sunset on the following dates in 2024:

- Spring equinox: March 21st Sunrise 6:33 | Sunset 18:33. (GMT)
- Summer solstice: June 21st. Sunrise 5:05 | Sunset 21:50. (BST)
- Winter solstice: December 21st Sunrise 8:46 | Sunset 16:01. (GMT)

The shadow study has been generated using the granted and proposed model states as described in section 4.2.1. The shadow study of the baseline model state has not been carried out as the subject site currently presents as an open field.

In certain cases, assumptions or estimations may have been made when modelling elements of the surrounding context and/or proposed site details when creating the various model states. Therefore, it is advisable for a reasonable tolerance to be applied when interpreting shadows in the qualitative assessment.

The hourly renderings of the shadow study will be generated without deciduous trees and with evergreen trees, where applicable, represented as opaque objects when present in the model states.

Note: The spring equinox (March 21st) and autumn equinox (21st September) yield similar shadows, albeit with a one hour difference as daylight saving time (BST) would be in effect. Only the spring equinox was included in the shadow study images in accordance with the BRE Guidelines.

4.5 Quantitative Scheme Performance Assessment Overview

4.5.1 Spatial Daylight Autonomy in Proposed Habitable Rooms (SDA)

Since the publication of the 3rd edition of the BRE Guidelines (BR 209 - 2022), Spatial Daylight Autonomy (SDA) is the recommended metric for assessing daylight access within a proposed development. Spatial Daylight Autonomy replaces Average Daylight Factor (ADF) in this regard, which was the recommended metric under the 2nd edition of the BRE Guidelines (BR 209 - 2011).

Spatial Daylight Autonomy assesses whether a room receives sufficient daylight on a working plane during standard operating hours on an annual basis. A given target value should be achieved across 50% of the working plane for half of the daylight hours.

There are two methods for calculating SDA:

- **Calculation method using illuminance level:** This requires the use of a detailed daylight calculation method where hourly (or sub-hourly) internal daylight illuminance values for a typical year are computed using hourly (or sub-hourly) sky and sun conditions derived from climate data appropriate to the site. This calculation method determines daylight provision directly from simulated illuminance values on the reference plane. The illuminance value of at least half the required area of the space should equal or exceed the target values.
- **Calculation method using daylight factor:** The daylight factor method assumes a constant ratio between internal and external illuminance. The daylight factors in the space shall be calculated by any reliable method that is based on the ISO 15469:2004 standard overcast sky (TYPE 1 or TYPE 16). Daylight factors are to be predicted across grid of points on a plane 0.85m above the floor of the space. The daylight factor of at least half the required area of the space should equal or exceed the target values.

It is the opinion of 3DDB that the calculation method using illuminance level better represents a real-world scenario as it accounts for the quality of daylight based on orientation. As such, the illuminance methodology has been adopted for all SDA assessments in this report using a localised EnergyPlus Weather File (IRL_Dublin.039690_IWEC.epw) to apply the relevant climate information.

In terms of housing, *BR 209* provides target SDA values to be received across at least 50% of the working plane for at least half the daylight hours. The target values differ based on the function of the room assessed:

- 200 Lux for kitchens
- 150 Lux for living rooms
- 100 Lux for bedrooms

Where rooms serve more than one function, the higher SDA target value should been taken.

Under I.S. EN 17037 at least 50% of the working plane should receive above 300 lux for at least half the daylight hours, with 95% of the working plane receiving above 100 Lux for all rooms. The target SDA values do not vary depending on the room function under this criteria.

This study has assessed the Spatial Daylight Autonomy (SDA) received in the habitable rooms of the proposed development under the BR 209 criterion. The SDA of the proposed development has been calculated under the I.S. EN 17037 criterion as part of a supplementary assessment.

Defining Rooms

Definition of rooms has been taken directly from the architectural drawings supplied by the project architect.

In accordance with the BRE Guidelines circulation spaces, corridors, bathrooms etc. have not been assessed.

Indication of the assessed space in each room is provided in the floor plans that correspond to the SDA results in the appendix section “Proposed Apartment Floor Plans” on page 68.

Working Plane

The calculation of SDA is carried out on a hypothetical working plane which lies 850 mm from the finished floor level in residential units and 700 mm in academic and office spaces.

In the BR 209 study the working plane is offset 300 mm from the room boundaries. Under the I.S. EN 17037 criteria the working plane is offset 500 mm from the room boundaries. The working plane has a grid density of c. 300 mm.

Material Palette

Following consultation with the design team and the applicant, material values used for SDA calculations are as per the table below:

Table No. 4.5.1 - Material Palette for SDA Calculations

Object	Material	Reflectance	Object	Material	Reflectance / Transmittance
Exterior walls	Standard Brick	0.3	Interior Walls	Pastel paint	0.70
	Light Brick	0.4	Interior Ceiling	White paint	0.8
	Dark Brick	0.15	Interior Floor	Light timber	0.4
	Light Grey Render	0.5	Miscellaneous	Miscellaneous	0.5
	Concrete	0.4	Glass	Double glazing	0.79
Ground cover	Paving	0.4		Maintenance factor	0.91
	Tarmac	0.2		Glass adjusted for maintenance	0.72
	Grass	0.2		Frosted glass	0.5

Project Assessment

The results for the study on SDA can be found in the appendix results section C.2 on page 86.

Analysis of the results can be found in section 5.2.1 on page 25.

The results of the supplementary SDA study under the I.S. EN 17037 criterion can be found in section D.0 on page 158.

4.5.2 Sunlight Exposure in Proposed Habitable Rooms (SE)

Since the publication of the 3rd edition of the BRE Guidelines (BR 209 - 2022), Sunlight Exposure (SE) is the recommended metric for assessing sunlight access within a proposed development. Sunlight Exposure replaces APSH/WPSH in this regard, which was the recommended metric under the 2nd edition of the BRE Guidelines (BR 209 - 2011).

Sunlight exposure (SE) is a measure of sunlight that a given window may expect to receive on a given date between the 1st of February and the 21st of March. The BRE guidelines suggest that March 21st (equinox) is used as the assessment date.

In the presence of trees, SE results have been generated, both with deciduous trees as opaque objects and without the inclusion of deciduous trees, in accordance with the BRE Guidelines. Evergreen trees have been included as opaque objects, where applicable, in both states.

The level of sunlight exposure is categorised as follows:

- 1.5 Hours - Minimum
- 3 Hours - Medium
- 4 Hours - High

The recommendation for dwellings is that at least one habitable room, preferably a main living room, should receive at least the minimum criterion. Should no room within a given unit meet the recommended minimum level of sunlight exposure, it will be stated as non-compliant.

Sunlight exposure is carried out on habitable rooms within a proposed development. The assessment point for windows is 1.2m above the finished floor level, or 0.3m above the sill level (which ever is higher). If a room has multiple windows, the amount of sunlight received by each can be added together provided they occur at different times and sunlight hours are not double counted.

The criterion applies to rooms of all orientations, although if a room faces significantly north of due east or west it is unlikely to be met. As such, it is not always possible to achieve full compliance, especially in developments that contain single aspect units.

The sunlight exposure assessment focuses on habitable residential rooms. Unless sunlight access is deemed important for the functionality of a non-residential room in a proposed development, it will not be included in the study, which remains limited to residential rooms. This is the case in this project.

Project Assessment

The results for the study on sunlight exposure can be found in the appendix results section C.3 on page 121, with analysis of the results in section 5.2.3 on page 27.

4.5.3 Sun On Ground in Proposed Outdoor Amenity Areas (SOG)

The BRE Guidelines recommend that for a garden or amenity area to appear adequately sunlit throughout the year, at least half of it should receive at least two hours of sunlight on March 21st.

March 21st, also known as the spring equinox, is chosen as the assessment date as daytime and night-time are of approximately equal duration on this date.

The analytical model for SOG assessment in proposed amenity areas includes evergreen trees, where applicable, as per the BRE Guidelines. Typically deciduous trees will not be included unless there is a particularly dense belt.

A quantitative SOG assessment has been carried out on the areas as indicated by the project architect. The shadow study and false colour plans allow for a qualitative assessment for all other areas.

The portion of each assessed space capable of receiving 2 hours of direct sunlight on March 21st has been calculated individually. These areas can be combined to give the development average where appropriate.

Project Assessment

The levels of sunlighting to proposed amenity areas, as indicated by the architect, have been assessed. However, it should be noted that the numbering of these spaces in the Daylight and Sunlight Assessment Report has been assigned by 3DDB specifically for the purposes of this report. If other consultants are referencing these spaces in their own reports, it is unlikely they will be numbered the same.

The results for the study on sun on ground in the proposed outdoor amenity areas (including a visual representation in the form of 2-hour false colour plans) can be found in the appendix results section C.4 on page 156, with analysis of the results in section 5.2.4 on page 27.

4.5.4 No Sky Line in Proposed Habitable Rooms (NSL)

The no sky line divides the areas of the working plane which can receive direct skylight, from those which cannot. It indicates the distribution of direct daylight within a room.

The BRE Guidelines recommend the No Sky Line study as an appropriate metric for an impact assessment to daylight, but only where room layouts are known.

“The calculation can only be carried out where room layouts are known. Using estimated room layouts is likely to give inaccurate results and is not recommended.“

All advice given for NSL in the BRE Guidelines are in relation to impact assessments. NSL is not mentioned in the BRE section regarding daylight in new developments. Regardless, a NSL assessment was carried out on the proposed development as a supplementary study as it is requested in the DCC development plan 2022-2028. Although the proposed development is not located within Dublin City, the NSL study has been included to provide consistency across 3DDB daylight and sunlight assessments.

As the BRE Guidelines does not give advice on target NSL values for proposed rooms, no compliance rate has been stated. However a no skyline of 80% could be considered an appropriate figure given that the BRE Guidelines state that supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.

The results of the supplementary NSL study can be found in section D.0 on page 158.

5.0 Analysis of Results

5.1 Analysis of Impact Assessment Results

5.1.1 Effect on Vertical Sky Component (VSC)

Existing Properties

The effect on VSC has been assessed for 36 no. windows/rooms across the surrounding properties along 28-48 Parklands Parade.

As previously explained in this report, the VSC values calculated with the granted scheme on the subject site, were used to compare the effect to the neighbouring properties between that of the proposed development and the development as per extant permission (ABP-305563-19).

Baseline versus Granted

Using the rationale explained in section 3.2 on page 13, the effect to VSC on 23 no. of these windows (or rooms if an average of multiple windows has been taken) would be considered *'negligible'* and 13 no. '*minor adverse*'.

Baseline versus Proposed

Using the rationale explained in section 3.2 on page 13, the effect to VSC on 17 no. of these windows (or rooms if an average of multiple windows has been taken) would be considered *'negligible'* and 19 no. '*minor adverse*'.

Summary

The results indicate that the proposed amendments resulted in an additional impact on 6 no. windows, namely 32a, 32c, 34a, 42b#, 44b# and 46b# (see Figure 5.1 below), compared to what was recorded with the granted development. The impact on these 6 no. windows is categorised as *'minor adverse'*. However, it's important to note that the recorded values for all windows are consistently aligned, with an average reduction of approximately 1.7% from the values recorded for the originally granted development.

In instances where an impact was recorded, it is attributed to the values recorded with the granted scheme being on the threshold of being considered *'negligible'*. As a result, even a small reduction caused a change in the categorisation to level of effect. In summary, the levels of effect recorded for the proposed development are broadly in line with those recorded for the granted development.

Figure 5.1: Highlighted additional windows impacted for VSC compared to granted state.

Granted Block B

The effect on VSC has been assessed for 35 no. windows/rooms across the ground to 2nd floor of the granted Block B on the subject site (ABP-305563-19).

As previously explained in this report, the VSC values calculated with the granted development on the subject site were used to generate the baseline values for the granted Block B.

Using the rationale explained in section 3.2 on page 13, the effect to VSC on all of these windows (or rooms if an average of multiple windows has been taken) would be considered *'negligible'*.

These results show that the proposed amendments to Blocks C to E would not cause any noticeable effect to the levels of daylight of windows/rooms at the lowest levels of the granted Block B. For this reason, the subsequent floors have not been assessed and would meet the BRE Guidelines.

The results of the study on VSC can be found in section A.1 on page 31.

5.1.2 Effect on Annual/Winter Probable Sunlight Hours (APSH/WPSH)

Existing Properties

The effect on APSH/WPSH has been assessed for 36 no. windows/rooms of the surrounding existing properties across 28-48 Parklands Parade. Only windows that have an orientation within 90 degrees of due south have been included in this assessment.

As previously explained in this report, the APSH/WPSH values calculated with the granted scheme on the subject site, were used to compare the effect to the neighbouring properties between that of the proposed development and the development as per extant permission (ABP-305563-19).

Baseline versus Granted

Using the rationale explained in section 3.2 on page 13, the effect on the APSH and WPSH of all these windows or rooms would be considered *'negligible'*.

Baseline versus Proposed

Using the rationale explained in section 3.2 on page 13, the effect on the APSH of all these windows or rooms would be considered *'negligible'*.

When looking at the WPSH of the same windows, 31 no. windows or rooms would be considered *'negligible'*, while 3 no. have presented as *'minor adverse'* and 2 no. as '*major adverse*'.

Summary

The results show that neither the granted nor the proposed development would have a noticeable effect on the levels of sunlight received by the windows of the existing properties assessed, in the annual calculation (APSH). However, an impact caused by the proposed development was recorded in the winter calculation (WPSH) on 5 no. windows, namely 32c, 34c, 42c, 44c and 46a. The impact on these windows is categorised as *'minor adverse'* for windows 32c 34c and 46a, and '*major adverse*' for windows 42c and 44c.

4 no. of these windows are located in recessed balconies on the 2nd floor (see Figure 5.2 below), hence presenting relatively low baseline values. In the granted state these windows present a WPSH value which is just above the threshold to be categorised as '*negligible*'. When proposed amendments are taken into account, the further reduction of the WPSH values caused a measurable level of effect.

In summary, the levels of effect recorded for the proposed development are broadly in line with those recorded for the granted development. All the windows would meet the annual recommendations for sunlight, with only 5 no. windows falling short during winter. However, this is mainly to be attributed to their inherently obstructed location and the fact that the additional height on the proposed blocks opposite is catching the sunlight of the much lower sun in the winter state.

Figure 5.2: Highlighted windows impacted for WPSH.

Granted Block B

The effect on APSH/WPSH has been assessed for 35 no. of windows/rooms across the ground to the 2nd floor of the granted Block B on the subject site (ABP-305563-19).

As previously explained in this report, the APSH/WPSH values calculated with the granted development on the subject site were used to generate the baseline values for the granted Block B.

Using the rationale explained in section 3.2 on page 13, the effect on the APSH and WPSH of all these windows or rooms would be considered *'negligible'*.

These results show that the proposed amendments to Blocks C to E would not cause any noticeable effect to the levels of sunlight of windows/rooms at the lowest levels of the granted Block B. For this reason, the subsequent floors have not been assessed and would meet the BRE Guidelines.

The results of the study on APSH/WPSH can be found in Section A.2 on page 40.

5.2 Analysis of Scheme Performance Results

5.2.1 Spatial Daylight Autonomy (SDA)

This study has assessed the Spatial Daylight Autonomy (SDA) received in all habitable rooms within the amended Blocks C to E, which are the subject of this planning application. This has ensured that a clear understanding has been obtained regarding the daylight performance of these proposed apartment blocks.

This proposed development consists of 396 no. units, which makes up approximately 1133 no. habitable rooms.

Under the criteria as set out in the BRE 209, the SDA value in 1006 and 1048 no. habitable rooms meet or exceed their target values in the summer and winter time calculations respectively. This gives a circa compliance rate of c.89% with summer trees & c.92% with the trees represented in the winter state. For a scheme of this size, this could be considered a good level of compliance.

The additional SDA assessment that does not include trees has shown a compliance rate of c.94%, with 65 no. rooms not meeting the recommended lux levels for SDA. These rooms are located across the ground to the second floor of the apartment blocks. A further 3 no. rooms on the third floor (LKDs of units C-03-05, D-03-05, and D-03-20) have also fallen, marginally, below the recommended lux levels under the BRE Guidelines. When the proposed vegetation is included, an additional 62 no. rooms would be affected. Of these, 32 no. present an SDA value above 40% in summer time state, when trees are represented in full foliage, and 8 no. of them are just the shy of the minimum target value of 50% required.

Although trees have been shown to reduce the level of daylight access within the proposed development, especially at the lowest levels, it should be noted that removal of trees to improve daylight access is not deemed an appropriate mitigation measure by the design team. This is because trees form an integral part of the proposed development with regards to environmental and planning grounds along with biodiversity and, therefore, achieving compliance rates of c. 89% (summer) and c. 92% (winter) with proposed trees in place should be considered a favourable result.

I.S. EN 17037 sets out more onerous recommendations for SDA. As such, the number of habitable rooms achieving compliance under this standard is 696 with summer trees and 746 with the trees represented in the winter state. This gives a reduced circa compliance rate of c.61 % & c.66% in the summer and winter time calculations respectively. The additional SDA assessment, under this standard, that does not include trees has shown a compliance rate of c.70%.

In cases where rooms comply with the criteria of BR 209 but do not meet the criteria of I.S. EN 17037, it is the recommendation of 3D Design Bureau that these rooms will appear adequately daylit. This recommendation is based on the fact that BR 209 provides room-specific criteria, unlike I.S. EN 17037. BR 209 considers the varying daylight requirements for different room types, which I.S. EN 17037 does not account for.

With regards to internal daylighting, Section 6.7 of the Sustainable Urban Housing: Design Standards for New Apartments July 2023, states the following:

"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 constraints [sic] 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."

Based on the above statements, compensatory design solutions have been provided by the project architect in section 5.2.2.

The rationale for all instances of non-compliance with the BRE 209 criteria that can be attributed to the effect that trees have on daylight, is that the provision of trees is an important aspect of the proposed site layout. Where trees affect daylight potential, a conscious decision has been made by the design team in balancing daylight provision with an appropriate level of foliage.

Given the fact that the proposed development is an amendment to the already granted scheme, to increase the number of units to be built, it is the opinion of 3DDB that the results of the SDA study can be considered favourable.

The results for the study on SDA can be seen in section C.2 on page 86.

5.2.2 Compensatory Design Measures (CDSs)

Care has been taken in the design of the Apartment units to receive a favourable rating of compliance with SDA requirements. The design of the individual units has exercised every opportunity to maximise quality where possible. This includes providing generous living room areas, storage areas, private open space, exceeding the minimum widths where feasible and maximizing the amount of glazing and natural light. All design measures result in generous and positive living spaces for future residents.

Block C, D & E follow the permitted urban layout of a trio of U-shaped blocks with generous communal courtyards with high quality hard & soft landscaping orientated to the south for maximum solar gain to the overlooking apartment units. The orientation of the apartment blocks and their associated North South Public Link Streets ensures that these spaces are not unduly overshadowed. Both the Communal Open Spaces and Public Open Spaces receive abundant light, and the landscape proposals will ensure there is a high quality of amenity within these areas.

This site layout creates a positive series of urban spaces with good enclosure provided by the 5/ 6 storey North South orientated Apartment Blocks to provide a sustainable development that makes efficient use of the site. Between the 3no. Blocks are high quality landscaped public realm spaces – the Local Square to the West of Block C, the generous width Link streets between Blocks B-C, C-D and the East façade of Block E overlooks the principal access road leading from Fortunestown Lane and Parklands Parade with a well planted buffer space.

A careful collaboration between the architects, landscape architects and daylighting consultants throughout the design process has helped to inform the proposed design amendments at both a macro and micro level to ensure compliance whilst also ensuring that the design intent and expression of the built form would not be negatively impacted.

Compensatory design measures (CDMs) act as compensation for the entire unit. The compensatory measures proposed for the entire development can be summarised as follows:

Daylight Adjacency

In the cases where a room is below target, there are often adjacent room/rooms with the apartment which were found to be comfortably compliant. Therefore, these units each have rooms that are well daylit, despite the room being slightly below target.

Sunlight

While specific rooms are below the target SDA value, these rooms often receive over 1.5 hours of sunlight. Therefore, whilst the room could be found to be non-compliant for daylight, their apartment units achieve the requisite sunlight availability for compliance.

Dual Aspect

No unit is single aspect north facing and 50% of all proposed units are dual aspect provided to the open plan kitchen/ dining/living rooms, ensuring multiple options for aspect and sunlight / daylight availability.

Floor Area

56% of all units proposed in Blocks CDE (396 no.) have GFA 10% greater than the minimum which exceeds the requirements in the Sustainable Urban Housing: Design Standards for New Apartments 2023. No unit has been designed to the minimum Gross Floor Area with the Kitchen/ Living/ Dining Rooms primarily benefitting from the additional areas.

Aspect

Favourable views of the high quality Communal Open Space or Public Open Link Street Spaces from the kitchen/dining/ living rooms and bedrooms.

Ceiling Heights

Floor to ceiling heights are more than that required in the Sustainable Urban Housing: Design Standards for New Apartments 2023 with ground floor units provided with a clear 2.7m Floor to ceiling.

Buffer zones

High quality Communal Open Space is provided for the use of the residents of all the apartments. At 3009m², the Communal Open Space provided is 13% (347m²) above that required in the Sustainable Urban Housing: Design Standards for New Apartments 2023 with an additional 2m buffer planted zone/ privacy amenity space for the benefit of the courtyard level units.

Public Open Space

The proposed development of this amendment application contains areas of public open space to the east, west, north & south of all apartment Blocks including the permitted Local Square. The area of 1.338 ha. equates to c.37% of the overall site area for Blocks A – E, which well exceeds the 15% minimum requirement in the Compact Settlement Guidelines and the SDCC Development Plan.

5.2.3 Sunlight Exposure (SE)

A sunlight exposure assessment has been carried out on all habitable rooms within the amended Blocks C to E, which are the subject of this planning application. The assessment has been carried out both with all trees represented as opaque objects and with deciduous removed from the analytical model. This approach is in accordance with the BRE Guidelines.

The assessments have been carried out in two states:

- All trees represented as opaque objects.
- With the deciduous trees removed from the analytical model.

This approach is in accordance with the BRE Guidelines. Where a range of values is expressed in the following summary, this refers to the results generated with the deciduous trees included and with deciduous trees not included in the model. Evergreen trees where no light can penetrate all year round, are included in both studies, where applicable.

In total 396 no. units have been assessed. Using the rationale explained in section 3.3 on page 14, the level of sunlight exposure for 126-129 no. units is considered *high*, 80-81 no. *medium*, 137-148 no. have reached the *minimum* recommendation with 53-38 units below the *minimum* recommendation.

The SE assessment has shown that c.87% - 90% of the proposed units meet the criteria for sunlight exposure as set out in the BRE Guidelines. **Note:** For a unit to be compliant under BRE 209, only one habitable room within the unit needs to meet the guideline values.

Whilst the criterion applies to rooms of all orientations, it should be noted that if a room faces significantly north of due east or west it is unlikely to be met. As such, it is not always possible to achieve full compliance, especially in developments that contain single aspect units.

Although half of the proposed units within the blocks present as single aspect, the results have presented high compliance rates. The north-south orientation of the blocks allows the vast majority of the units to access direct sunlight, especially at the beginning or end of the day. Additionally, the units arranged along the longitudinal body present as dual aspect configuration, meaning they have exposure to sunlight from the south.

No recommendation is made regarding the performance of a development as a whole for SE performance within the BRE Guidelines. However, the proposed design has taken into account access to sunlight. It is the opinion of 3DDB that the development performs very favourably in this regard.

The results for the study on SE in the habitable rooms of the proposed units can be seen in section C.3 on page 121.

5.2.4 Sun On Ground in Proposed Outdoor Amenity Areas

This study has assessed the level of sunlight on March 21st within the proposed amenity areas.

In total 6 no. spaces have been assessed, all of them meeting the criteria as set out in the BRE Guidelines.

The 6 no. spaces consist of 3 no. courtyards associated to the blocks, and 3 no. landscaped areas between them. All of them benefit from abundant levels of sunlight, thanks to the site layout. The buildings are arranged to avoid the blocking of sunlight from the south. It is therefore the opinion of 3DDB that the development performs excellently in this regard.

The results for the study on sunlighting in the proposed outdoor amenity spaces can be found in section C.4 on page 156.

A visual representation of these readings can be seen in the false colour plan in section C.4 and in the hourly shadow diagrams for March 21st in section B.1 on page 50 of the appendix section of this report.

6.0 Conclusion

3D Design Bureau (3DDB) were commissioned to carry out a daylight assessment, sunlight assessment and shadow study for the proposed modifications to previously approved 'Parklands Pointe' Apartments (Reg. Ref. SHD ABP-305563-19) at Fortunestown Lane and Parklands Parade, Saggart, Co. Dublin.

The granted planning permission on the subject site (ABP-305563-19) comprises of 5 no. blocks (Blocks A to E) and all associated landscaped public open spaces. This proposed application consists of amendments to Blocks C to E and the contiguous landscaped open spaces.

The impact assessment for this report has quantified the effect the proposed development would have on the level of daylight and sunlight received by neighbouring properties/environment that are in close proximity to the proposed development. Similarly, the effects the granted developments would have on the surrounding properties have been quantified, and results have been compared with those generated for the proposed development. This has allowed for the determination if there is any additional impact expected and if so, if it should be deemed acceptable.

Also tested was the impact to the granted Block B on the subject site, which is not part of this application, by the proposed development (ie the amendments to Blocks C to E). In this case, the effects of the proposed amendments have been measured against the development within the subject site as per its extant permission.

The findings for the impact to daylight (VSC) on the neighbouring properties have shown that the results generated for the proposed development are broadly in line with the ones of the granted development. Whilst a level of effect was recorded for an additional 6 no. windows in the proposed state, when compared to the granted state, this slight additional level of impact should be deemed acceptable.

Regarding the impact to the levels of sunlight, the APSH results have shown that the proposed development did not cause any window to experience any additional adverse level of effect, to that of the granted state. However, in the proposed state, the WPSH has shown an adverse level of impact to 5 no. windows. As explained in the analysis of results, 4 no. of these windows are all located in recessed balconies and, therefore, presenting a relatively low access to sunlight in the baseline state. This additional impact in winter time sunlight should not be deemed as a cause for concern and be treated as acceptable.

The scheme performance assessment for this report has quantified the level of daylight and sunlight within the proposed development.

As stated in the executive summary of this report, the assessments have been conducted on all habitable rooms within the Blocks C to E. The SDA in the proposed units assessed has yielded good results. All the non-compliant rooms are located across the ground floor to the second floor, with few exceptions on the floors above. The compliance rates of c. 89% (summer) and c. 92% (winter) with proposed trees in place should be considered a favourable outcome, considering the size of the scheme.

The additional study with no trees has shown that the trees are responsible for the non-compliance for approximately the half of the rooms not meeting the guideline value. However, considering the importance of trees for a well balanced scheme, these results should be considered favourable.

The Sunlight Exposure (SE) assessment has shown high levels of compliance for the units assessed. Although half of the units present as single aspect, the favourable orientation of the blocks and arrangement in the site allows for the majority of units to access direct sunlight.

Finally, the results for Sun on Ground (SOG) show that the future occupants will enjoy well-sunlit open amenity areas across the entire scheme which demonstrates consideration has been given to the layout and orientation of the open spaces.

In conclusion, 3DDB are of the opinion that the scheme is performing favourably from a daylight and sunlight point of view and the proposed amendments to the granted scheme will not cause a significant impact on the neighbouring properties or the granted Block B.

Appendix - Results

+353 (0) 1 288 0186
info@3ddesignbureau.com
www.3ddesignbureau.com

Appendix Contents

Assessment criteria and detailed analysis of results can be found in the accompanying report.

A.0 Impact Assessment Results

A.1 Effect on Vertical Sky Component (VSC)

A.1.1 Effect on Vertical Sky Component (VSC) - Existing properties

Below is an example of the table used to describe the effect on VSC.

Table Example. A.1 - VSC Impact Assessment						
Window Number	Baseline VSC Value	Proposed VSC Value	Ratio of Proposed VSC to Baseline VSC	Recommended Minimum VSC	Level of Compliance with BRE Guidelines	Effect of Proposed Development
A	**B**	**C**	**D**	**E**	**F**	**G**
		H / **I**	**H** / **I**		**H** / **I**	**H** / **I**

A: Window Number

The number in this column will identify the assessed window. All windows are represented visually in the corresponding figure.

B: Baseline VSC Value

The *Baseline VSC Value* represents the VSC value of the assessed window which is calculated in the existing baseline model state (as explained in the "Building the Model States" on page 16).

C: Proposed VSC Value

The *Proposed VSC Value* represents the VSC value of the assessed window which is calculated in the proposed model state (as explained in the "Building the Model States" on page 16).

D: Ratio of Proposed VSC to Baseline VSC

This column expressed the ratio of change between the baseline VSC value and the proposed VSC value. The BRE Guidelines recommend that if the proposed value is less than 0.8 times the baseline value, then the reduction in daylight is more likely to be perceptible.

E: Recommended minimum VSC

The *BRE Target Value* for each window has been set according to the BRE Guidelines. The Guidelines state that a proposed development could possibly have a noticeable effect on the daylight received by an existing window, if the VSC value **both** drops below the guideline value of 27% **and** the VSC value is less than 0.8 times the baseline value.

Therefore, to determine the *recommended minimum Value*, 80% of the *Baseline VSC value* has been calculated. If this value is above the 27% threshold, a target value of 27% will be applied. If 80% of the baseline value is below 27%, then 80% of the baseline value is the appropriate target value.

F: Level of Compliance with the BRE Guidelines

This column states the compliance of the *Proposed VSC Value* with the *recommended minimum VSC* as per the BRE Guidelines. In essence, it shows whether or not the assessed window would experience a perceptible level of impact. If the window complies with the BRE Guidelines this cell will state "*BRE Compliant"*. If the window does not meet the criteria as set out in the BRE Guidelines, a percentage of compliance with the *recommended minimum* will be stated.

G: Effect of Proposed Development

The levels of effect in this column describe the effect an assessed window will experience, based on its compliance with the *BRE Target Value*. A full list of definitions and a numerical rationale for each can be found in the section *"Definition of Effects"* on page 13.

It should be noted that the figures displayed in the table of results have been rounded off. A manual calculation of these figures may yield a negligible difference and should not be considered an error.

H: Granted state "G"

Results have been calculated in the granted state, which reflects the subject site if the scheme is built as per its extant permission (ABP-305563-19). This is explained in 4.2.1 on page 16. In the tables of results this model state is indicated as "G".

I: Proposed state "P"

Results have been calculated in the proposed state, which reflects the subject site if the proposed amendments to the granted scheme in the subject site are built as proposed. This is explained in 4.2.1 on page 16. In the tables of results this model state is indicated as "P".

28-48 Parklands Parade

Table No. A.1.1 - VSC Results: 28-48 Parklands Parade										
Window Number	Baseline VSC Value	Proposed VSC Value**		Ratio of Proposed VSC to Baseline VSC		Recommended minimum VSC*	Level of Compliance with BRE Guidelines		Effect of Proposed Development***	
		G	P	G	P		G	P	G	P
28a#1	38.95%	29.59%	27.49%	0.76	0.71	27.00%	BRE Compliant	BRE Compliant	-	-
28a#2	38.95%	29.57%	27.42%	0.76	0.70	27.00%	BRE Compliant	BRE Compliant	-	-
28a#	38.95%	29.58%	27.47%	0.76	0.71	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
28b#1	9.23%	2.35%	1.99%	0.25	0.22	7.38%	32%	27%	-	-
28b#2	36.15%	33.17%	32.27%	0.92	0.89	27.00%	BRE Compliant	BRE Compliant	-	-
28b#3	28.73%	26.21%	25.46%	0.91	0.89	22.98%	BRE Compliant	BRE Compliant	-	-
28b#	18.28%	12.88%	12.34%	0.70	0.68	14.63%	88%	84%	Minor Adverse	Minor Adverse
28c#1	39.22%	31.69%	29.57%	0.81	0.75	27.00%	BRE Compliant	BRE Compliant	-	-
28c#2	39.22%	31.68%	29.51%	0.81	0.75	27.00%	BRE Compliant	BRE Compliant	-	-
28c#	39.22%	31.68%	29.53%	0.81	0.75	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
28d#1	9.44%	3.39%	2.32%	0.36	0.25	7.55%	45%	31%	-	-
28d#2	38.10%	35.75%	34.87%	0.94	0.92	27.00%	BRE Compliant	BRE Compliant	-	-
28d#3	35.19%	33.19%	32.46%	0.94	0.92	27.00%	BRE Compliant	BRE Compliant	-	-
28d#	19.63%	14.98%	14.00%	0.76	0.71	15.71%	95%	89%	Minor Adverse	Minor Adverse
28e#1	39.46%	33.73%	31.61%	0.85	0.80	27.00%	BRE Compliant	BRE Compliant	-	-
28e#2	39.48%	33.74%	31.58%	0.85	0.80	27.00%	BRE Compliant	BRE Compliant	-	-
28e#	39.47%	33.73%	31.60%	0.85	0.80	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
28f#1	23.48%	18.93%	17.10%	0.81	0.73	18.78%	BRE Compliant	91%	-	-
28f#2	39.20%	37.44%	36.60%	0.96	0.93	27.00%	BRE Compliant	BRE Compliant	-	-
28f#3	39.20%	37.71%	37.00%	0.96	0.94	27.00%	BRE Compliant	BRE Compliant	-	-
28f#	29.25%	25.75%	24.30%	0.88	0.83	23.40%	BRE Compliant	BRE Compliant	Negligible	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the VSC of an existing window, the value needs to both drop below the stated target value of 27% **and** be less than 0.8 times the baseline value.

**Proposed values have been calculated in the granted state “G”, and in the proposed state “P”. For their interpretation please refer to “4.2.1 Building the Model States” on page 16.

*** For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, each window has been assessed and a weighted average has been calculated to determine the level of effect on the room. In such instances, the ‘effect of proposed development’ column will have the symbol ”-” for the individual windows, with the level effect stated in the row associated with the corresponding room.

Figure A.1: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R).

Table No. A.1.1 - VSC Results: 28-48 Parklands Parade										
Window Number	Baseline VSC Value	Proposed VSC Value**		Ratio of Proposed VSC to Baseline VSC		Recommended minimum VSC*	Level of Compliance with BRE Guidelines		Effect of Proposed Development***	
		G	P	G	P		G	P	G	P
30a	38.29%	29.30%	27.23%	0.77	0.71	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
30b#1	39.17%	31.54%	29.41%	0.81	0.75	27.00%	BRE Compliant	BRE Compliant	-	-
30b#2	39.18%	31.60%	29.50%	0.81	0.75	27.00%	BRE Compliant	BRE Compliant	-	-
30b#	39.17%	31.56%	29.44%	0.81	0.75	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
30c#1	39.43%	33.60%	31.50%	0.85	0.80	27.00%	BRE Compliant	BRE Compliant	-	-
30c#2	39.43%	33.65%	31.56%	0.85	0.80	27.00%	BRE Compliant	BRE Compliant	-	-
30c#	39.43%	33.63%	31.54%	0.85	0.80	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
32a	36.98%	28.55%	26.40%	0.77	0.71	27.00%	BRE Compliant	98%	Negligible	Minor Adverse
32b#1	39.22%	31.28%	29.04%	0.80	0.74	27.00%	BRE Compliant	BRE Compliant	-	-
32b#2	39.22%	31.44%	29.26%	0.80	0.75	27.00%	BRE Compliant	BRE Compliant	-	-
32b#	39.22%	31.33%	29.11%	0.80	0.74	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
32c	23.70%	19.23%	17.63%	0.81	0.74	18.96%	BRE Compliant	93%	Negligible	Minor Adverse
34a	37.68%	27.82%	25.80%	0.74	0.68	27.00%	BRE Compliant	96%	Negligible	Minor Adverse
34b#1	39.24%	30.56%	28.43%	0.78	0.72	27.00%	BRE Compliant	BRE Compliant	-	-
34b#2	39.23%	30.91%	28.76%	0.79	0.73	27.00%	BRE Compliant	BRE Compliant	-	-
34b#	39.24%	30.67%	28.53%	0.78	0.73	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
34c	23.73%	18.87%	17.34%	0.80	0.73	18.98%	99%	91%	Minor Adverse	Minor Adverse
36a	37.33%	26.93%	24.86%	0.72	0.67	27.00%	100%	92%	Minor Adverse	Minor Adverse
36b#1	39.17%	29.86%	27.67%	0.76	0.71	27.00%	BRE Compliant	BRE Compliant	-	-
36b#2	39.17%	30.06%	27.95%	0.77	0.71	27.00%	BRE Compliant	BRE Compliant	-	-
36b#	39.17%	29.92%	27.76%	0.76	0.71	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
36c#1	39.43%	32.35%	30.07%	0.82	0.76	27.00%	BRE Compliant	BRE Compliant	-	-
36c#2	39.43%	32.48%	30.27%	0.82	0.77	27.00%	BRE Compliant	BRE Compliant	-	-
36c#	39.43%	32.44%	30.21%	0.82	0.77	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the VSC of an existing window, the value needs to both drop below the stated target value of 27% **and** be less than 0.8 times the baseline value.

**Proposed values have been calculated in the granted state “G”, and in the proposed state “P”. For their interpretation please refer to “4.2.1 Building the Model States” on page 16.

*** For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, each window has been assessed and a weighted average has been calculated to determine the level of effect on the room. In such instances, the ‘effect of proposed development’ column will have the symbol ”-” for the individual windows, with the level effect stated in the row associated with the corresponding room.

Figure A.2: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R).

Table No. A.1.1 - VSC Results: 28-48 Parklands Parade										
Window Number	Baseline VSC Value	Proposed VSC Value**		Ratio of Proposed VSC to Baseline VSC		Recommended minimum VSC*	Level of Compliance with BRE Guidelines		Effect of Proposed Development***	
		G	P	G	P		G	P	G	P
40a	38.04%	26.64%	24.42%	0.70	0.64	27.00%	99%	90%	Minor Adverse	Minor Adverse
40b#1	39.17%	29.49%	27.15%	0.75	0.69	27.00%	BRE Compliant	BRE Compliant	-	-
40b#2	39.17%	29.59%	27.27%	0.76	0.70	27.00%	BRE Compliant	BRE Compliant	-	-
40b#	39.17%	29.52%	27.19%	0.75	0.69	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
40c#1	39.43%	32.11%	29.70%	0.81	0.75	27.00%	BRE Compliant	BRE Compliant	-	-
40c#2	39.43%	32.17%	29.77%	0.82	0.76	27.00%	BRE Compliant	BRE Compliant	-	-
40c#	39.43%	32.15%	29.75%	0.82	0.75	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
42a	36.78%	25.98%	23.67%	0.71	0.64	27.00%	96%	88%	Minor Adverse	Minor Adverse
42b#1	39.19%	29.33%	26.95%	0.75	0.69	27.00%	BRE Compliant	100%	-	-
42b#2	39.19%	29.40%	27.01%	0.75	0.69	27.00%	BRE Compliant	BRE Compliant	-	-
42b#	39.19%	29.35%	26.97%	0.75	0.69	27.00%	BRE Compliant	100%	Negligible	Minor Adverse
42c	23.67%	17.79%	15.90%	0.75	0.67	18.94%	94%	84%	Minor Adverse	Minor Adverse
44a	37.77%	26.23%	24.07%	0.69	0.64	27.00%	97%	89%	Minor Adverse	Minor Adverse
44b#1	39.19%	29.21%	26.94%	0.75	0.69	27.00%	BRE Compliant	100%	-	-
44b#2	39.19%	29.27%	26.94%	0.75	0.69	27.00%	BRE Compliant	100%	-	-
44b#	39.19%	29.23%	26.94%	0.75	0.69	27.00%	BRE Compliant	100%	Negligible	Minor Adverse
44c	23.38%	17.43%	15.59%	0.75	0.67	18.70%	93%	83%	Minor Adverse	Minor Adverse
46a	37.54%	26.07%	24.11%	0.69	0.64	27.00%	97%	89%	Minor Adverse	Minor Adverse
46b#1	39.11%	29.01%	26.92%	0.74	0.69	27.00%	BRE Compliant	100%	-	-
46b#2	39.16%	29.09%	26.94%	0.74	0.69	27.00%	BRE Compliant	100%	-	-
46b#	39.13%	29.03%	26.93%	0.74	0.69	27.00%	BRE Compliant	100%	Negligible	Minor Adverse
46c#1	39.38%	31.63%	29.53%	0.80	0.75	27.00%	BRE Compliant	BRE Compliant	-	-
46c#2	39.43%	31.74%	29.57%	0.80	0.75	27.00%	BRE Compliant	BRE Compliant	-	-
46c#	39.41%	31.71%	29.56%	0.80	0.75	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the VSC of an existing window, the value needs to both drop below the stated target value of 27% **and** be less than 0.8 times the baseline value.

**Proposed values have been calculated in the granted state “G”, and in the proposed state “P”. For their interpretation please refer to “4.2.1 Building the Model States” on page 16.

*** For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, each window has been assessed and a weighted average has been calculated to determine the level of effect on the room. In such instances, the ‘effect of proposed development’ column will have the symbol ”-” for the individual windows, with the level effect stated in the row associated with the corresponding room.

Figure A.3: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R).

Table No. A.1.1 - VSC Results: 28-48 Parklands Parade										
Window Number	Baseline VSC Value	Proposed VSC Value**		Ratio of Proposed VSC to Baseline VSC		Recommended minimum VSC*	Level of Compliance with BRE Guidelines		Effect of Proposed Development***	
		G	P	G	P		G	P	G	P
48a#1	28.54%	26.14%	26.18%	0.92	0.92	22.83%	BRE Compliant	BRE Compliant	-	-
48a#2	35.70%	32.91%	32.99%	0.92	0.92	27.00%	BRE Compliant	BRE Compliant	-	-
48a#3	8.67%	0.46%	0.78%	0.05	0.09	6.94%	7%	11%	-	-
48a#	17.62%	11.41%	11.64%	0.65	0.66	14.10%	81%	83%	Minor Adverse	Minor Adverse
48b#1	38.86%	26.37%	24.83%	0.68	0.64	27.00%	98%	92%	-	-
48b#2	38.85%	26.36%	24.66%	0.68	0.63	27.00%	98%	91%	-	-
48b#	38.85%	26.36%	24.71%	0.68	0.64	27.00%	98%	92%	Minor Adverse	Minor Adverse
48c#1	35.30%	33.24%	33.27%	0.94	0.94	27.00%	BRE Compliant	BRE Compliant	-	-
48c#2	37.98%	35.60%	35.65%	0.94	0.94	27.00%	BRE Compliant	BRE Compliant	-	-
48c#3	8.91%	1.00%	1.05%	0.11	0.12	7.13%	14%	15%	-	-
48c#	19.09%	13.21%	13.26%	0.69	0.69	15.27%	86%	87%	Minor Adverse	Minor Adverse
48d#1	39.18%	28.94%	27.22%	0.74	0.69	27.00%	BRE Compliant	BRE Compliant	-	-
48d#2	39.18%	28.97%	27.12%	0.74	0.69	27.00%	BRE Compliant	BRE Compliant	-	-
48d#	39.18%	28.95%	27.19%	0.74	0.69	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
48e#1	39.23%	37.52%	37.53%	0.96	0.96	27.00%	BRE Compliant	BRE Compliant	-	-
48e#2	39.26%	37.29%	37.32%	0.95	0.95	27.00%	BRE Compliant	BRE Compliant	-	-
48e#3	24.25%	17.73%	16.92%	0.73	0.70	19.40%	91%	87%	-	-
48e#	29.66%	24.80%	24.29%	0.84	0.82	23.72%	BRE Compliant	BRE Compliant	Negligible	Negligible
48f#1	39.46%	31.51%	29.75%	0.80	0.75	27.00%	BRE Compliant	BRE Compliant	-	-
48f#2	39.45%	31.55%	29.66%	0.80	0.75	27.00%	BRE Compliant	BRE Compliant	-	-
48f#	39.45%	31.54%	29.69%	0.80	0.75	27.00%	BRE Compliant	BRE Compliant	Negligible	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the VSC of an existing window, the value needs to both drop below the stated target value of 27% **and** be less than 0.8 times the baseline value.

**Proposed values have been calculated in the granted state “G”, and in the proposed state “P”. For their interpretation please refer to “4.2.1 Building the Model States” on page 16.

*** For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, each window has been assessed and a weighted average has been calculated to determine the level of effect on the room. In such instances, the ‘effect of proposed development’ column will have the symbol ”-” for the individual windows, with the level effect stated in the row associated with the corresponding room.

Figure A.4: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R).

A.1.2 Effect on Vertical Sky Component (VSC) - Granted Block B

Below is an example of the table used to describe the effect on VSC.

Table Example. A.1 - VSC Impact Assessment						
Window Number	Baseline VSC Value	Proposed VSC Value	Ratio of Proposed VSC to Baseline VSC	Recommended Minimum VSC	Level of Compliance with BRE Guidelines	Effect of Proposed Development
A	**B**	**C**	**D**	**E**	**F**	**G**

A: Window Number

The number in this column will identify the assessed window. All windows are represented visually in the corresponding figure.

B: Baseline VSC Value

The *Baseline VSC Value* represents the VSC value of the assessed window which is calculated in the granted model state (as explained in the "Building the Model States" on page 16).

C: Proposed VSC Value

The *Proposed VSC Value* represents the VSC value of the assessed window which is calculated in the proposed model state (as explained in the "Building the Model States" on page 16).

D: Ratio of Proposed VSC to Baseline VSC

This column expressed the ratio of change between the baseline VSC value and the proposed VSC value. The BRE Guidelines recommend that if the proposed value is less than 0.8 times the baseline value, then the reduction in daylight is more likely to be perceptible.

E: Recommended minimum VSC

The *BRE Target Value* for each window has been set according to the BRE Guidelines. The Guidelines state that a proposed development could possibly have a noticeable effect on the daylight received by an existing window, if the VSC value **both** drops below the guideline value of 27% **and** the VSC value is less than 0.8 times the baseline value.

Therefore, to determine the *recommended minimum Value*, 80% of the *Baseline VSC value* has been calculated. If this value is above the 27% threshold, a target value of 27% will be applied. If 80% of the baseline value is below 27%, then 80% of the baseline value is the appropriate target value.

F: Level of Compliance with the BRE Guidelines

This column states the compliance of the *Proposed VSC Value* with the *recommended minimum VSC* as per the BRE Guidelines. In essence, it shows whether or not the assessed window would experience a perceptible level of impact. If the window complies with the BRE Guidelines this cell will state "*BRE Compliant*". If the window does not meet the criteria as set out in the BRE Guidelines, a percentage of compliance with the *recommended minimum* will be stated.

G: Effect of Proposed Development

The levels of effect in this column describe the effect an assessed window will experience, based on its compliance with the *BRE Target Value*. A full list of definitions and a numerical rationale for each can be found in the section *"Definition of Effects"* on page 13.

It should be noted that the figures displayed in the table of results have been rounded off. A manual calculation of these figures may yield a negligible difference and should not be considered an error.

Granted Block B (ABP-305563-19)

Table No. A.1.2 - VSC Results: Granted Block B						
Window Number	Baseline VSC Value**	Proposed VSC Value	Ratio of Proposed VSC to Baseline VSC	Recommended minimum VSC*	Level of Compliance with BRE Guidelines	Effect of Proposed Development***
B0a#1	32.31%	32.17%	1.00	25.85%	BRE Compliant	-
B0a#2	30.05%	29.67%	0.99	24.04%	BRE Compliant	-
B0a#3	28.05%	27.43%	0.98	22.44%	BRE Compliant	-
B0a#	29.75%	29.33%	0.99	23.80%	BRE Compliant	Negligible
B0b#1	28.08%	27.38%	0.98	22.46%	BRE Compliant	-
B0b#2	30.04%	29.28%	0.97	24.03%	BRE Compliant	-
B0b#	28.63%	27.91%	0.97	22.90%	BRE Compliant	Negligible
B1a	36.46%	36.09%	0.99	27.00%	BRE Compliant	Negligible
B1b	35.92%	35.56%	0.99	27.00%	BRE Compliant	Negligible
B1c	8.57%	8.46%	0.99	6.86%	BRE Compliant	Negligible
B1d	34.78%	34.39%	0.99	27.00%	BRE Compliant	Negligible
B1e#1	34.09%	33.53%	0.98	27.00%	BRE Compliant	-
B1e#2	5.31%	5.09%	0.96	4.25%	BRE Compliant	-
B1e#	19.63%	19.24%	0.98	15.70%	BRE Compliant	Negligible
B1f	5.12%	4.53%	0.88	4.10%	BRE Compliant	Negligible
B1g	33.13%	32.41%	0.98	26.50%	BRE Compliant	Negligible
B1h	6.59%	5.80%	0.88	5.27%	BRE Compliant	Negligible
B1i	6.02%	5.18%	0.86	4.82%	BRE Compliant	Negligible
B1j#1	32.59%	31.68%	0.97	26.07%	BRE Compliant	-

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the VSC of an existing window, the value needs to both drop below the stated target value of 27% **and** be less than 0.8 times the baseline value.

**Proposed values have been calculated in the granted state “G”, and in the proposed state “P”. For their interpretation please refer to “4.2.1 Building the Model States” on page 16.

*** For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, each window has been assessed and a weighted average has been calculated to determine the level of effect on the room. In such instances, the ‘effect of proposed development’ column will have the symbol ”-” for the individual windows, with the level effect stated in the row associated with the corresponding room.

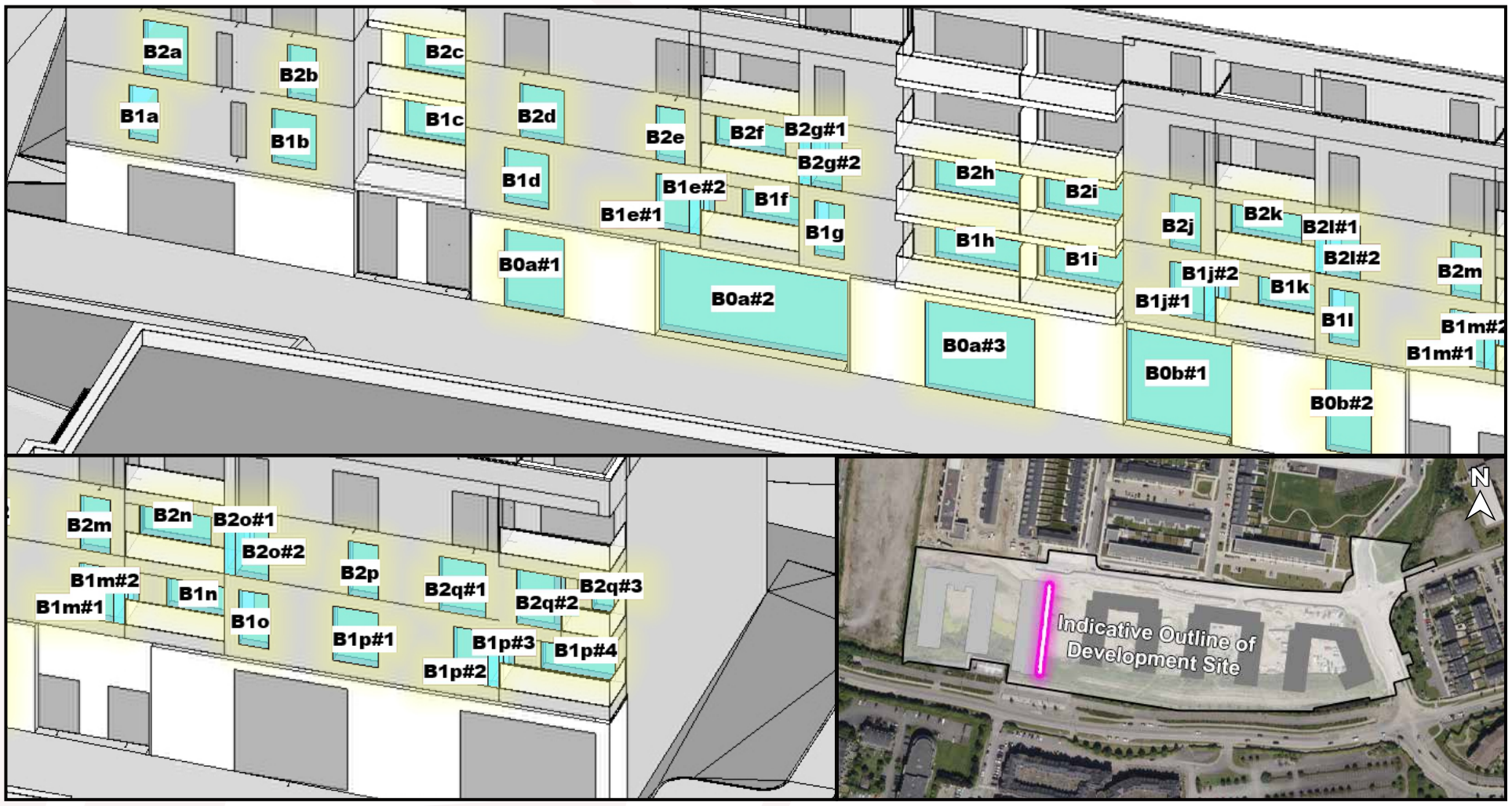


Figure A.5: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R)

Table No. A.1.2 - VSC Results: Granted Block B						
Window Number	Baseline VSC Value**	Proposed VSC Value	Ratio of Proposed VSC to Baseline VSC	Recommended minimum VSC*	Level of Compliance with BRE Guidelines	Effect of Proposed Development***
B1j#2	5.90%	5.83%	0.99	4.72%	BRE Compliant	-
B1j#	19.24%	18.75%	0.97	15.39%	BRE Compliant	Negligible
B1k	4.16%	3.33%	0.80	3.33%	BRE Compliant	Negligible
B1l	33.27%	32.34%	0.97	26.62%	BRE Compliant	Negligible
B1m#1	33.56%	32.68%	0.97	26.85%	BRE Compliant	-
B1m#2	6.34%	6.31%	1.00	5.07%	BRE Compliant	-
B1m#	20.03%	19.57%	0.98	16.02%	BRE Compliant	Negligible
B1n	4.71%	3.89%	0.83	3.77%	BRE Compliant	Negligible
B1o	34.07%	33.22%	0.98	27.00%	BRE Compliant	Negligible
B1p#1	34.53%	33.70%	0.98	27.00%	BRE Compliant	-
B1p#2	35.12%	34.34%	0.98	27.00%	BRE Compliant	-
B1p#3	7.50%	7.49%	1.00	6.00%	BRE Compliant	-
B1p#4	7.67%	6.93%	0.90	6.14%	BRE Compliant	-
B1p#	19.25%	18.64%	0.97	15.40%	BRE Compliant	Negligible
B2a	37.40%	36.97%	0.99	27.00%	BRE Compliant	Negligible
B2b	37.05%	36.61%	0.99	27.00%	BRE Compliant	Negligible
B2c	9.34%	9.14%	0.98	7.47%	BRE Compliant	Negligible
B2d	36.18%	35.65%	0.99	27.00%	BRE Compliant	Negligible
B2e	35.75%	35.08%	0.98	27.00%	BRE Compliant	Negligible
B2f	6.11%	5.26%	0.86	4.89%	BRE Compliant	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the VSC of an existing window, the value needs to both drop below the stated target value of 27% **and** be less than 0.8 times the baseline value.

**Proposed values have been calculated in the granted state “G”, and in the proposed state “P”. For their interpretation please refer to “4.2.1 Building the Model States” on page 16.

*** For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, each window has been assessed and a weighted average has been calculated to determine the level of effect on the room. In such instances, the ‘effect of proposed development’ column will have the symbol ”-” for the individual windows, with the level effect stated in the row associated with the corresponding room.

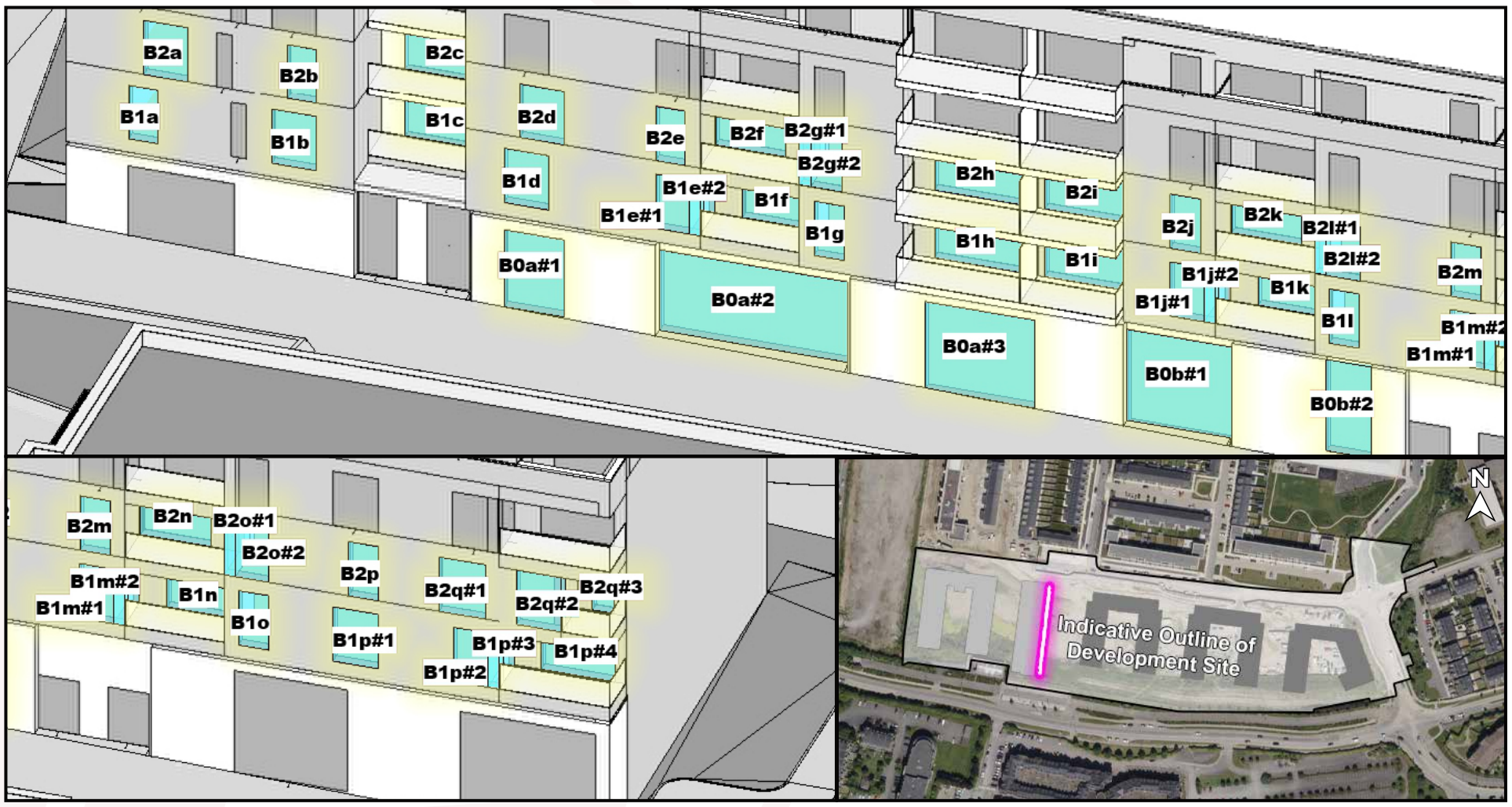


Figure A.6: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R)

Table No. A.1.2 - VSC Results: Granted Block B						
Window Number	Baseline VSC Value**	Proposed VSC Value	Ratio of Proposed VSC to Baseline VSC	Recommended minimum VSC*	Level of Compliance with BRE Guidelines	Effect of Proposed Development***
B2g#1	6.65%	6.67%	1.00	5.32%	BRE Compliant	-
B2g#2	35.05%	34.23%	0.98	27.00%	BRE Compliant	-
B2g#	20.59%	20.20%	0.98	16.47%	BRE Compliant	Negligible
B2h	8.30%	7.44%	0.90	6.64%	BRE Compliant	Negligible
B2i	7.78%	6.87%	0.88	6.22%	BRE Compliant	Negligible
B2j	34.39%	33.41%	0.97	27.00%	BRE Compliant	Negligible
B2k	5.82%	4.70%	0.81	4.66%	BRE Compliant	Negligible
B2l#1	6.05%	5.89%	0.97	4.84%	BRE Compliant	-
B2l#2	35.13%	34.15%	0.97	27.00%	BRE Compliant	-
B2l#	20.73%	20.16%	0.97	16.59%	BRE Compliant	Negligible
B2m	35.37%	34.43%	0.97	27.00%	BRE Compliant	Negligible
B2n	6.43%	5.44%	0.85	5.14%	BRE Compliant	Negligible
B2o#1	5.86%	5.61%	0.96	4.69%	BRE Compliant	-
B2o#2	35.76%	34.86%	0.97	27.00%	BRE Compliant	-
B2o#	20.81%	20.24%	0.97	16.65%	BRE Compliant	Negligible
B2p	36.15%	35.30%	0.98	27.00%	BRE Compliant	Negligible
B2q#1	36.51%	35.71%	0.98	27.00%	BRE Compliant	-
B2q#2	36.81%	36.05%	0.98	27.00%	BRE Compliant	-
B2q#3	10.50%	10.11%	0.96	8.40%	BRE Compliant	-
B2q#	31.64%	30.94%	0.98	25.31%	BRE Compliant	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the VSC of an existing window, the value needs to both drop below the stated target value of 27% **and** be less than 0.8 times the baseline value.

**Proposed values have been calculated in the granted state “G”, and in the proposed state “P”. For their interpretation please refer to “4.2.1 Building the Model States” on page 16.

*** For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, each window has been assessed and a weighted average has been calculated to determine the level of effect on the room. In such instances, the ‘effect of proposed development’ column will have the symbol ”-” for the individual windows, with the level effect stated in the row associated with the corresponding room.

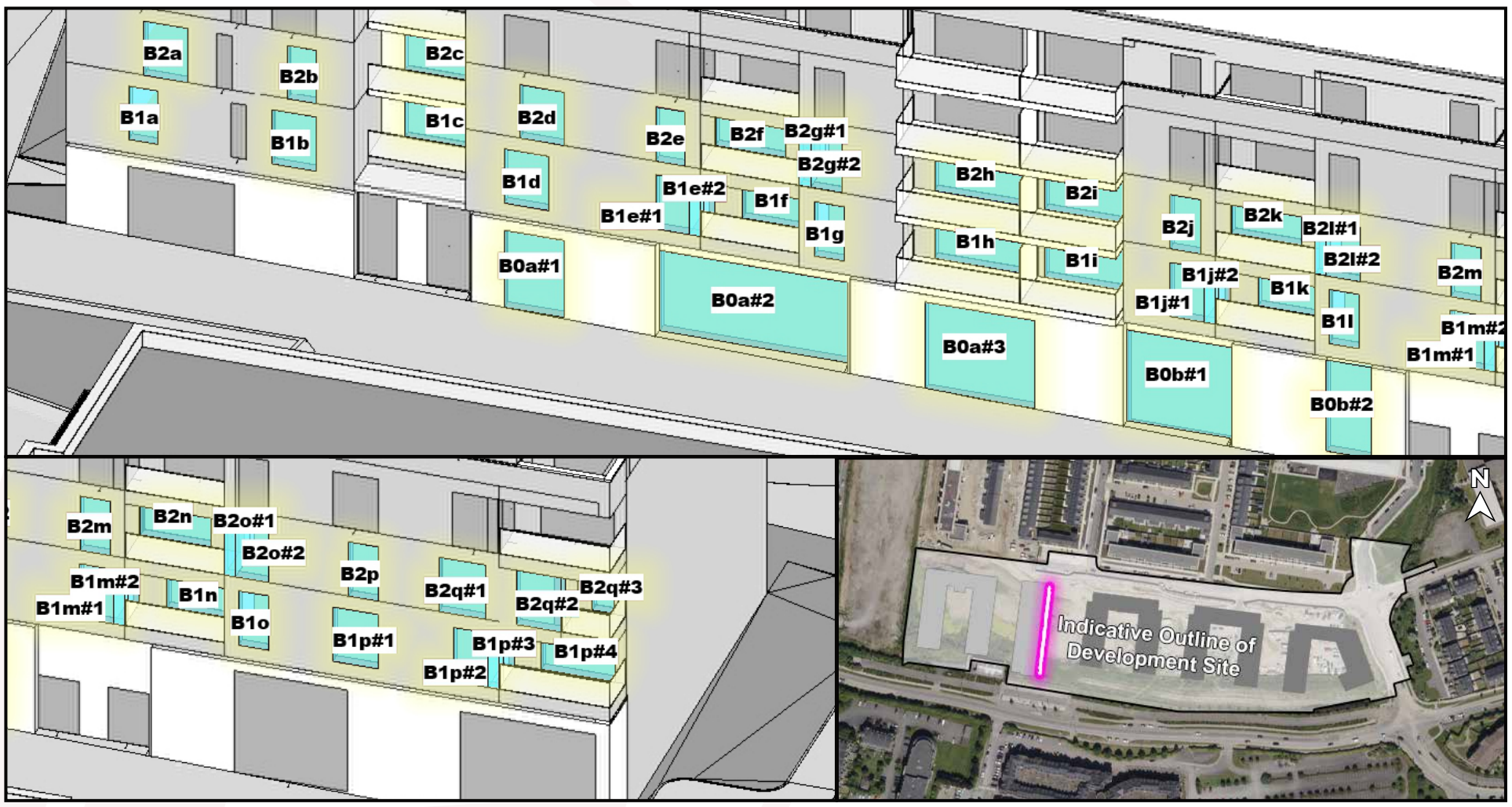


Figure A.7: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R)

A.2 Effect on Annual/Winter Probable Sunlight Hours (APSH/WPSH)

A.2.1 Effect on Annual/Winter Probable Sunlight Hours (APSH/WPSH) - Existing properties

Below is an example of the table used to describe the effect to the APSH/WPSH of existing windows.

Table Example. A.2 - APSH/WPSH Impact Assessment									
Window Number	Baseline APSH/WPSH	Proposed APSH/WPSH		Ratio of Proposed to Baseline APSH/ WPSH		Recommended Minimum APSH/WPSH	Level of Compliance with BRE Guidelines		Effect of Proposed Development	
A	**B**	**C**		**D**		**E**	**F**		**G**	
		H	**I**	**H**	**I**		**H**	**I**	**H**	**I**

A: Window Number

The number in this column will identify the assessed window. All windows are represented visually in the corresponding figure.

B: Baseline APSH/WPSH

The *Baseline APSH/WPSH Value* represents the percentage of the probable sunlight hours that the assessed window can receive, calculated in the existing baseline model state (as explained in the "Building the Model States" on page 16). The annual and winter assessments will be represented in separate tables.

C: Proposed APSH/WPSH

The *Proposed APSH/WPSH Value* represents the percentage of probable sunlight hours that the assessed window can receive, calculated in the proposed model state (as explained in the "Building the Model States" on page 16).

D: Ratio of Proposed to Baseline APSH/WPSH

This column expressed the ratio of change between the baseline APSH/WPSH value and the proposed APSH/WPSH value. The BRE Guidelines recommend that if the proposed value is less than 0.8 times the baseline value, then the reduction to sunlight is more likely to be perceptible.

E: Recommended Minimum APSH/WPSH

The *BRE Target Value* for each window has been set according to the BRE Guidelines. The Guidelines state that a proposed development could possibly have a noticeable effect on the sunlight received by an existing window, if the APSH value drops below the annual (25%) or WPSH value below the winter (5%) guidelines; **and** the APSH/WPSH value is less than 0.8 times the baseline value; **and** there is a reduction of more than 4% to the APSH.

Therefore, to determine the *recommended minimum APSH Value* for the annual study, 80% of the *Baseline APSH value* has been calculated. If this value is above the 25% threshold, a target value of 25% will be applied. If 80% of the baseline value is below 25%, then 80% of the baseline value is the appropriate target value.

To determine the *recommended minimum WPSH Value* for the winter study, 80% of the *Baseline winter APSH value* has been calculated. If this value is above the 5% threshold, a target value of 5% will be applied. If 80% of the baseline value is below 5%, then 80% of the baseline value is the appropriate target value.

F: Level of Compliance with BRE Guidelines

This column states the compliance of the *Proposed APSH/WPSH Value* with the *recommended minimum APSH/WPSH* as per the BRE Guidelines. In essence, it shows whether or not the assessed window would experience a perceptible level of impact. If the window complies with the BRE Guidelines this cell will state "*BRE Compliant*". If the window does not meet the criteria as set out in the BRE Guidelines, a percentage of compliance with the *recommended minimum* will be stated.

G: Effect of Proposed Development

The levels of effect in this column describe the effect an assessed window will experience, based on its compliance with the *BRE Target Value*. A full list of definitions and a numerical rationale for each can be found in the section *"Definition of Effects"* on page 13.

It should be noted that the figures displayed in the table of results have been rounded off. A manual calculation of these figures may yield a negligible difference and should not be considered an error.

H: Granted state "G"

Results have been calculated in the granted state, which reflects the subject site if the scheme is built as per its extant permission (ABP-305563-19). This is explained in 4.2.1 on page 16. In the tables of results this model state is indicated as "G".

I: Proposed state "P"

Results have been calculated in the proposed state, which reflects the subject site if the proposed amendments to the granted scheme in the subject site are built as proposed. This is explained in 4.2.1 on page 16. In the tables of results this model state is indicated as "P".

28-48 Parklands Parade - Annual Probable Sunlight Hours

Table No. A.2.1 - APSH Results: 28-48 Parklands Parade										
Window Number	Baseline APSH	Proposed APSH**		Ratio of Proposed APSH to Baseline APSH		Recommended minimum APSH*	Level of Compliance with BRE Guidelines		Effect of Proposed Development***	
		G	P	G	P		G	P	G	P
28a#	87.96%	70.94%	65.89%	0.81	0.75	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
28b#	59.13%	46.85%	42.42%	0.79	0.72	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
28c#	88.03%	74.98%	70.47%	0.85	0.80	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
28d#	60.06%	51.20%	47.01%	0.85	0.78	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
28e#	88.03%	79.64%	74.59%	0.90	0.85	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
28f#	78.24%	73.74%	69.08%	0.94	0.88	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
30a	86.40%	70.01%	63.64%	0.81	0.74	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
30b#	86.56%	74.20%	69.77%	0.86	0.81	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
30c#	87.57%	78.87%	74.83%	0.90	0.85	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
32a	83.99%	66.12%	62.08%	0.79	0.74	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
32b#	86.64%	74.13%	69.62%	0.86	0.80	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
32c	54.55%	48.48%	44.68%	0.89	0.82	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
34a	85.16%	66.05%	63.40%	0.78	0.74	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
34b#	87.33%	74.28%	69.15%	0.85	0.79	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
34c	53.92%	47.79%	44.29%	0.89	0.82	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
36a	84.77%	65.42%	60.61%	0.77	0.71	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
36b#	86.56%	72.57%	67.83%	0.84	0.78	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
36c#	87.65%	78.55%	73.04%	0.90	0.83	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the APSH/WPSH of an existing window, the value needs to drop below the stated target value of 25% (annual) / 5% (winter) **and** be less than 0.8 times the baseline value **and** it has to have a reduction in sunlight received over the whole year greater than 4% of annual probable sunlight hours.

**Proposed values have been calculated in the granted state “G”, and in the proposed state “P”. For their interpretation please refer to “4.2.1 Building the Model States” on page 16.

***For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, APSH/WPSH has been calculated for the room rather than the individual windows.

Figure A.8: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R).

Table No. A.2.1 - APSH Results: 28-48 Parklands Parade										
Window Number	Baseline APSH	Proposed APSH**		Ratio of Proposed APSH to Baseline APSH		Recommended minimum APSH*	Level of Compliance with BRE Guidelines		Effect of Proposed Development***	
		G	P	G	P		G	P	G	P
40a	86.25%	64.10%	60.37%	0.74	0.70	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
40b#	86.56%	70.78%	66.74%	0.82	0.77	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
40c#	87.72%	77.62%	72.42%	0.88	0.83	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
42a	83.29%	62.08%	57.34%	0.75	0.69	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
42b#	86.56%	69.85%	65.03%	0.81	0.75	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
42c	54.47%	47.09%	42.19%	0.86	0.77	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
44a	85.47%	63.79%	59.05%	0.75	0.69	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
44b#	87.10%	70.40%	65.03%	0.81	0.75	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
44c	53.85%	45.77%	41.10%	0.85	0.76	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
46a	84.38%	61.85%	57.26%	0.73	0.68	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
46b#	86.56%	69.46%	64.18%	0.80	0.74	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
46c#	87.72%	75.06%	70.94%	0.86	0.81	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
48a#	53.46%	41.03%	40.87%	0.77	0.76	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
48b#	86.56%	63.71%	60.30%	0.74	0.70	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
48c#	53.46%	42.74%	42.04%	0.80	0.79	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
48d#	86.64%	69.54%	64.57%	0.80	0.75	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
48e#	69.54%	61.77%	59.75%	0.89	0.86	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
48f#	87.80%	75.60%	71.48%	0.86	0.81	25.00%	BRE Compliant	BRE Compliant	Negligible	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the APSH/WPSH of an existing window, the value needs to drop below the stated target value of 25% (annual) / 5% (winter) **and** be less than 0.8 times the baseline value **and** it has to have a reduction in sunlight received over the whole year greater than 4% of annual probable sunlight hours.

**Proposed values have been calculated in the granted state “G”, and in the proposed state “P”. For their interpretation please refer to “4.2.1 Building the Model States” on page 16.

***For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, APSH/WPSH has been calculated for the room rather than the individual windows.

Figure A.9: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R).

28-48 Parklands Parade - Winter Probable Sunlight Hours

Table No. A.2.1 - WPSH Results: 28-48 Parklands Parade										
Window Number	Baseline WPSH	Proposed WPSH**		Ratio of Proposed WPSH to Baseline WPSH		Recommended minimum WPSH*	Level of Compliance with BRE Guidelines		Effect of Proposed Development***	
		G	P	G	P		G	P	G	P
28a#	32.01%	15.07%	10.18%	0.47	0.32	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
28b#	27.35%	15.07%	10.64%	0.55	0.39	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
28c#	32.09%	19.04%	14.53%	0.59	0.45	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
28d#	27.51%	18.65%	14.45%	0.68	0.53	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
28e#	32.09%	23.70%	18.65%	0.74	0.58	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
28f#	27.58%	23.08%	18.41%	0.84	0.67	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
30a	31.86%	15.54%	9.32%	0.49	0.29	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
30b#	32.01%	19.66%	15.31%	0.61	0.48	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
30c#	32.01%	23.31%	19.27%	0.73	0.60	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
32a	31.31%	13.44%	9.40%	0.43	0.30	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
32b#	32.01%	19.50%	15.00%	0.61	0.47	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
32c	14.30%	8.24%	4.43%	0.58	0.31	5.00%	BRE Compliant	89%	Negligible	Minor Adverse
34a	31.39%	12.28%	9.71%	0.39	0.31	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
34b#	32.01%	18.96%	13.83%	0.59	0.43	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
34c	13.91%	7.77%	4.27%	0.56	0.31	5.00%	BRE Compliant	85%	Negligible	Minor Adverse
36a	31.47%	12.12%	7.46%	0.39	0.24	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
36b#	32.01%	18.03%	13.29%	0.56	0.42	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
36c#	32.01%	22.92%	17.40%	0.72	0.54	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the APSH/WPSH of an existing window, the value needs to drop below the stated target value of 25% (annual) / 5% (winter) **and** be less than 0.8 times the baseline value **and** it has to have a reduction in sunlight received over the whole year greater than 4% of annual probable sunlight hours.

**Proposed values have been calculated in the granted state “G”, and in the proposed state “P”. For their interpretation please refer to “4.2.1 Building the Model States” on page 16.

***For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, APSH/WPSH has been calculated for the room rather than the individual windows.

Figure A.10: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R).

Table No. A.2.1 - WPSH Results: 28-48 Parklands Parade										
Window Number	Baseline WPSH	Proposed WPSH**		Ratio of Proposed WPSH to Baseline WPSH		Recommended minimum WPSH*	Level of Compliance with BRE Guidelines		Effect of Proposed Development***	
		G	P	G	P		G	P	G	P
40a	31.86%	9.71%	6.06%	0.30	0.19	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
40b#	32.01%	16.24%	12.20%	0.51	0.38	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
40c#	32.01%	21.91%	16.71%	0.68	0.52	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
42a	31.00%	9.79%	5.05%	0.32	0.16	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
42b#	32.01%	15.31%	10.49%	0.48	0.33	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
42c	14.53%	7.15%	2.25%	0.49	0.16	5.00%	BRE Compliant	45%	Negligible	Major Adverse
44a	31.47%	9.79%	5.05%	0.31	0.16	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
44b#	32.01%	15.31%	9.95%	0.48	0.31	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
44c	14.69%	6.60%	1.94%	0.45	0.13	5.00%	BRE Compliant	39%	Negligible	Major Adverse
46a	31.55%	9.01%	4.43%	0.29	0.14	5.00%	BRE Compliant	89%	Negligible	Minor Adverse
46b#	32.01%	14.92%	9.63%	0.47	0.30	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
46c#	32.01%	19.35%	15.23%	0.60	0.48	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
48a#	19.11%	6.68%	6.53%	0.35	0.34	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
48b#	31.93%	9.32%	5.91%	0.29	0.18	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
48c#	19.11%	8.39%	7.69%	0.44	0.40	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
48d#	32.01%	14.92%	9.95%	0.47	0.31	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
48e#	19.11%	11.34%	9.32%	0.59	0.49	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible
48f#	32.01%	19.81%	15.70%	0.62	0.49	5.00%	BRE Compliant	BRE Compliant	Negligible	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the APSH/WPSH of an existing window, the value needs to drop below the stated target value of 25% (annual) / 5% (winter) **and** be less than 0.8 times the baseline value **and** it has to have a reduction in sunlight received over the whole year greater than 4% of annual probable sunlight hours.

**Proposed values have been calculated in the granted state “G”, and in the proposed state “P”. For their interpretation please refer to “4.2.1 Building the Model States” on page 16.

***For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, APSH/WPSH has been calculated for the room rather than the individual windows.

Figure A.11: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R).

A.2.2 Effect on Annual/Winter Probable Sunlight Hours (APSH/WPSH) - Granted Block B

Below is an example of the table used to describe the effect to the APSH/WPSH of existing windows.

Table Example. A.2 - APSH/WPSH Impact Assessment						
Window Number	Baseline APSH/WPSH	Proposed APSH/WPSH	Ratio of Proposed to Baseline APSH/ WPSH	Recommended Minimum APSH/WPSH	Level of Compliance with BRE Guidelines	Effect of Proposed Development
A	**B**	**C**	**D**	**E**	**F**	**G**

A: Window Number

The number in this column will identify the assessed window. All windows are represented visually in the corresponding figure.

B: Baseline APSH/WPSH

The *Baseline APSH/WPSH Value* represents the percentage of the probable sunlight hours that the assessed window can receive, calculated in the granted model state (as explained in the "Building the Model States" on page 16). The annual and winter assessments will be represented in separate tables.

C: Proposed APSH/WPSH

The *Proposed APSH/WPSH Value* represents the percentage of probable sunlight hours that the assessed window can receive, calculated in the proposed model state (as explained in the "Building the Model States" on page 16).

D: Ratio of Proposed to Baseline APSH/WPSH

This column expressed the ratio of change between the baseline APSH/WPSH value and the proposed APSH/WPSH value. The BRE Guidelines recommend that if the proposed value is less than 0.8 times the baseline value, then the reduction to sunlight is more likely to be perceptible.

E: Recommended Minimum APSH/WPSH

The *BRE Target Value* for each window has been set according to the BRE Guidelines. The Guidelines state that a proposed development could possibly have a noticeable effect on the sunlight received by an existing window, if the APSH value drops below the annual (25%) or WPSH value below the winter (5%) guidelines; **and** the APSH/WPSH value is less than 0.8 times the baseline value; **and** there is a reduction of more than 4% to the APSH.

Therefore, to determine the *recommended minimum APSH Value* for the annual study, 80% of the *Baseline APSH value* has been calculated. If this value is above the 25% threshold, a target value of 25% will be applied. If 80% of the baseline value is below 25%, then 80% of the baseline value is the appropriate target value.

To determine the *recommended minimum WPSH Value* for the winter study, 80% of the *Baseline winter APSH value* has been calculated. If this value is above the 5% threshold, a target value of 5% will be applied. If 80% of the baseline value is below 5%, then 80% of the baseline value is the appropriate target value.

F: Level of Compliance with BRE Guidelines

This column states the compliance of the *Proposed APSH/WPSH Value* with the *recommended minimum APSH/WPSH* as per the BRE Guidelines. In essence, it shows whether or not the assessed window would experience a perceptible level of impact. If the window complies with the BRE Guidelines this cell will state "*BRE Compliant*". If the window does not meet the criteria as set out in the BRE Guidelines, a percentage of compliance with the *recommended minimum* will be stated.

G: Effect of Proposed Development

The levels of effect in this column describe the effect an assessed window will experience, based on its compliance with the *BRE Target Value*. A full list of definitions and a numerical rationale for each can be found in the section *"Definition of Effects"* on page 13.

It should be noted that the figures displayed in the table of results have been rounded off. A manual calculation of these figures may yield a negligible difference and should not be considered an error.

Granted Block B (ABP-305563-19) - Annual Probable Sunlight Hours

Table No. A.2.2 - APSH Results: Granted Block B						
Window Number	Baseline APSH**	Proposed APSH	Ratio of Proposed APSH to Baseline APSH	Recommended minimum APSH*	Level of Compliance with BRE Guidelines	Effect of Proposed Development***
B0a#	44.68%	44.76%	1.00	25.00%	BRE Compliant	Negligible
B0b#	38.46%	37.22%	0.97	25.00%	BRE Compliant	Negligible
B1a	50.66%	50.66%	1.00	25.00%	BRE Compliant	Negligible
B1b	49.03%	49.49%	1.01	25.00%	BRE Compliant	Negligible
B1c	14.53%	13.36%	0.92	10.53%	BRE Compliant	Negligible
B1d	48.17%	47.63%	0.99	25.00%	BRE Compliant	Negligible
B1e#	46.62%	45.69%	0.98	25.00%	BRE Compliant	Negligible
B1f	10.10%	9.56%	0.95	6.10%	BRE Compliant	Negligible
B1g	45.38%	44.83%	0.99	25.00%	BRE Compliant	Negligible
B1h	12.20%	11.03%	0.90	8.20%	BRE Compliant	Negligible
B1i	7.38%	6.53%	0.88	3.38%	BRE Compliant	Negligible
B1j#	39.21%	37.81%	0.96	25.00%	BRE Compliant	Negligible
B1k	8.55%	7.15%	0.84	4.55%	BRE Compliant	Negligible
B1l	42.19%	40.71%	0.97	25.00%	BRE Compliant	Negligible
B1m#	43.12%	41.88%	0.97	25.00%	BRE Compliant	Negligible
B1n	9.40%	8.39%	0.89	5.40%	BRE Compliant	Negligible
B1o	44.78%	43.15%	0.96	25.00%	BRE Compliant	Negligible
B1p#	47.55%	46.70%	0.98	25.00%	BRE Compliant	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the APSH/WPSH of an existing window, the value needs to drop below the stated target value of 25% (annual) / 5% (winter) **and** be less than 0.8 times the baseline value **and** it has to have a reduction in sunlight received over the whole year greater than 4% of annual probable sunlight hours.

**The Baseline APSH/WPSH value represents the APSH/WPSH value of the assessed window which is calculated in the granted state. For the interpretation of the model states please refer to “4.2.1 Building the Model States” on page 16.

***For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, APSH/WPSH has been calculated for the room rather than the individual windows.

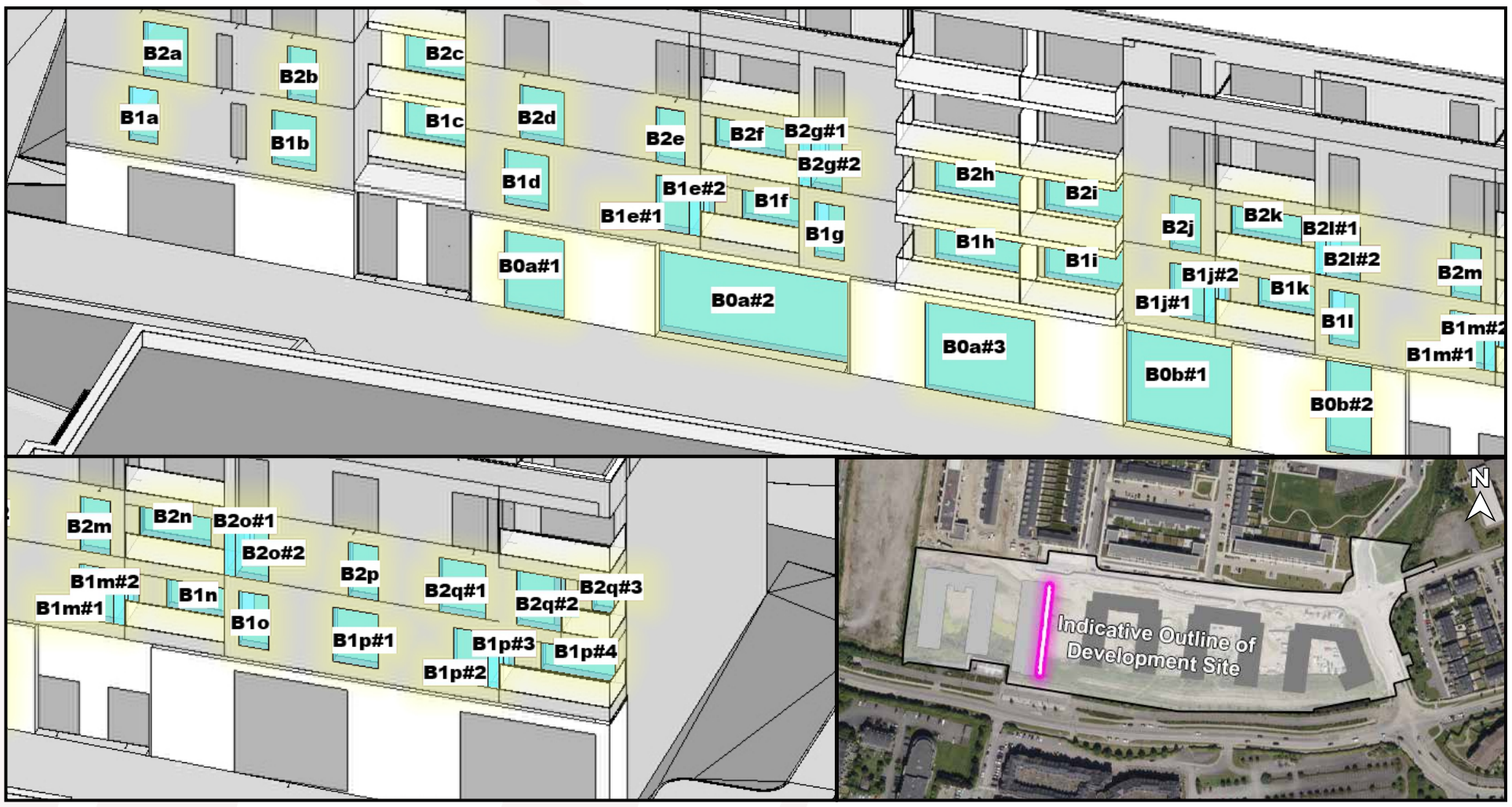


Figure A.12: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R)

Table No. A.2.2 - APSH Results: Granted Block B						
Window Number	Baseline APSH**	Proposed APSH	Ratio of Proposed APSH to Baseline APSH	Recommended minimum APSH*	Level of Compliance with BRE Guidelines	Effect of Proposed Development***
B2a	52.21%	51.36%	0.98	25.00%	BRE Compliant	Negligible
B2b	51.67%	51.36%	0.99	25.00%	BRE Compliant	Negligible
B2c	16.32%	15.46%	0.95	12.32%	BRE Compliant	Negligible
B2d	50.51%	49.34%	0.98	25.00%	BRE Compliant	Negligible
B2e	50.12%	48.10%	0.96	25.00%	BRE Compliant	Negligible
B2f	10.26%	9.01%	0.88	6.26%	BRE Compliant	Negligible
B2g#	49.34%	47.47%	0.96	25.00%	BRE Compliant	Negligible
B2h	15.93%	14.14%	0.89	11.93%	BRE Compliant	Negligible
B2i	11.27%	9.87%	0.88	7.27%	BRE Compliant	Negligible
B2j	40.77%	38.51%	0.94	25.00%	BRE Compliant	Negligible
B2k	9.01%	6.92%	0.77	5.01%	BRE Compliant	Negligible
B2l#	46.93%	44.91%	0.96	25.00%	BRE Compliant	Negligible
B2m	47.05%	44.64%	0.95	25.00%	BRE Compliant	Negligible
B2n	9.87%	8.00%	0.81	5.87%	BRE Compliant	Negligible
B2o#	48.31%	46.45%	0.96	25.00%	BRE Compliant	Negligible
B2p	48.56%	46.15%	0.95	25.00%	BRE Compliant	Negligible
B2q#	49.88%	48.41%	0.97	25.00%	BRE Compliant	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the APSH/WPSH of an existing window, the value needs to drop below the stated target value of 25% (annual) / 5% (winter) **and** be less than 0.8 times the baseline value **and** it has to have a reduction in sunlight received over the whole year greater than 4% of annual probable sunlight hours.

**The Baseline APSH/WPSH value represents the APSH/WPSH value of the assessed window which is calculated in the granted state. For the interpretation of the model states please refer to “4.2.1 Building the Model States” on page 16.

***For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, APSH/WPSH has been calculated for the room rather than the individual windows.

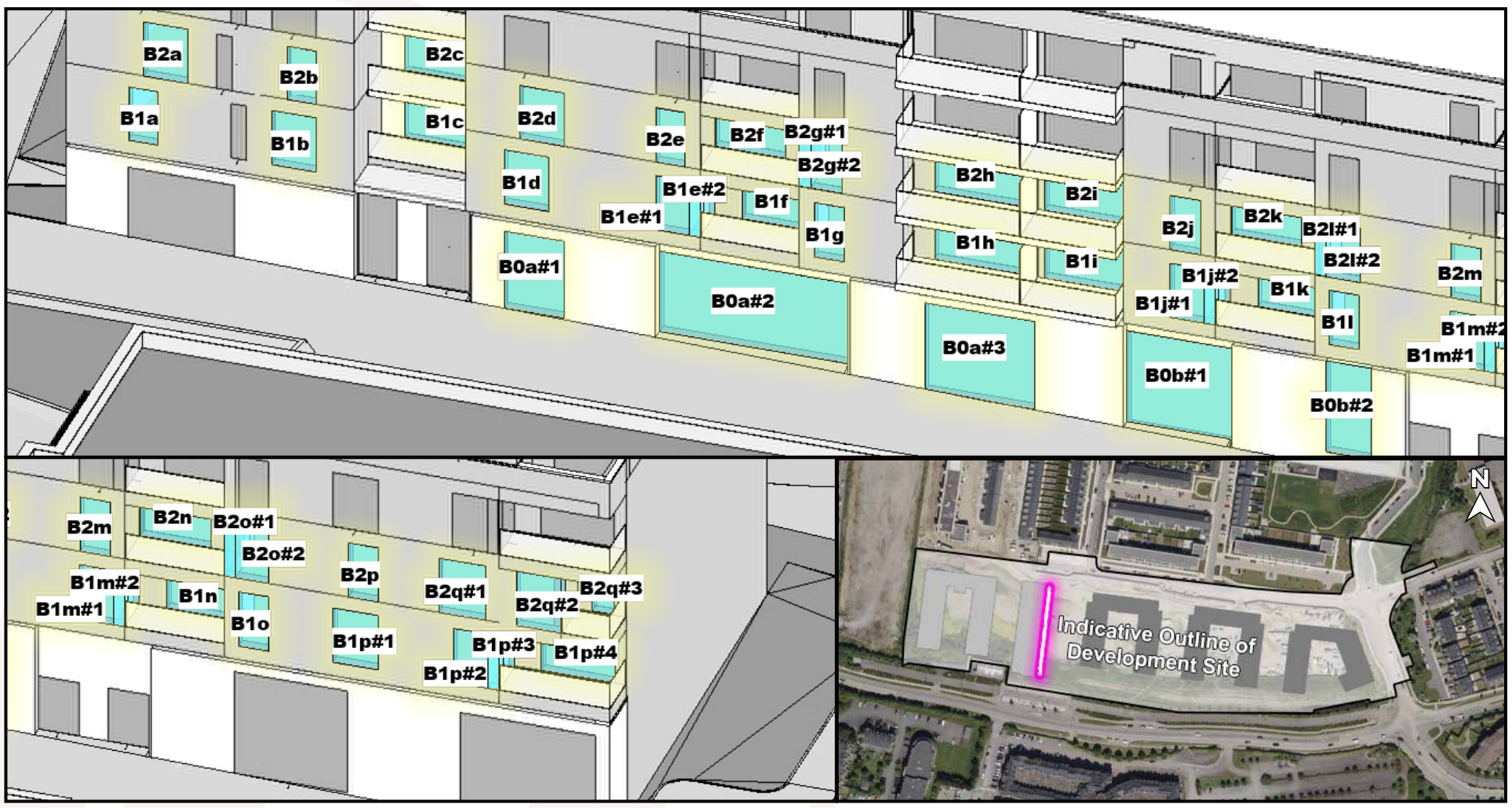


Figure A.13: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R)

Granted Block B (ABP-305563-19) - Winter Probable Sunlight Hours

Table No. A.2.2 - WPSH Results: Granted Block B						
Window Number	Baseline WPSH**	Proposed WPSH	Ratio of Proposed WPSH to Baseline WPSH	Recommended minimum WPSH*	Level of Compliance with BRE Guidelines	Effect of Proposed Development***
B0a#	20.36%	20.82%	1.02	5.00%	BRE Compliant	Negligible
B0b#	13.83%	14.14%	1.02	5.00%	BRE Compliant	Negligible
B1a	20.98%	20.98%	1.00	5.00%	BRE Compliant	Negligible
B1b	20.90%	20.98%	1.00	5.00%	BRE Compliant	Negligible
B1c	5.13%	5.21%	1.02	4.10%	BRE Compliant	Negligible
B1d	20.51%	20.82%	1.02	5.00%	BRE Compliant	Negligible
B1e#	19.50%	19.89%	1.02	5.00%	BRE Compliant	Negligible
B1f	6.14%	6.60%	1.08	4.91%	BRE Compliant	Negligible
B1g	18.34%	19.11%	1.04	5.00%	BRE Compliant	Negligible
B1h	7.23%	7.30%	1.01	5.00%	BRE Compliant	Negligible
B1i	2.41%	2.80%	1.16	1.93%	BRE Compliant	Negligible
B1j#	13.03%	12.56%	0.96	5.00%	BRE Compliant	Negligible
B1k	3.65%	3.26%	0.89	2.92%	BRE Compliant	Negligible
B1l	14.22%	14.06%	0.99	5.00%	BRE Compliant	Negligible
B1m#	13.60%	13.60%	1.00	5.00%	BRE Compliant	Negligible
B1n	2.41%	2.02%	0.84	1.93%	BRE Compliant	Negligible
B1o	14.01%	13.08%	0.93	5.00%	BRE Compliant	Negligible
B1p#	14.84%	14.14%	0.95	5.00%	BRE Compliant	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the APSH/WPSH of an existing window, the value needs to drop below the stated target value of 25% (annual) / 5% (winter) **and** be less than 0.8 times the baseline value **and** it has to have a reduction in sunlight received over the whole year greater than 4% of annual probable sunlight hours.

**The Baseline APSH/WPSH value represents the APSH/WPSH value of the assessed window which is calculated in the granted state. For the interpretation of the model states please refer to “4.2.1 Building the Model States” on page 16.

***For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, APSH/WPSH has been calculated for the room rather than the individual windows.

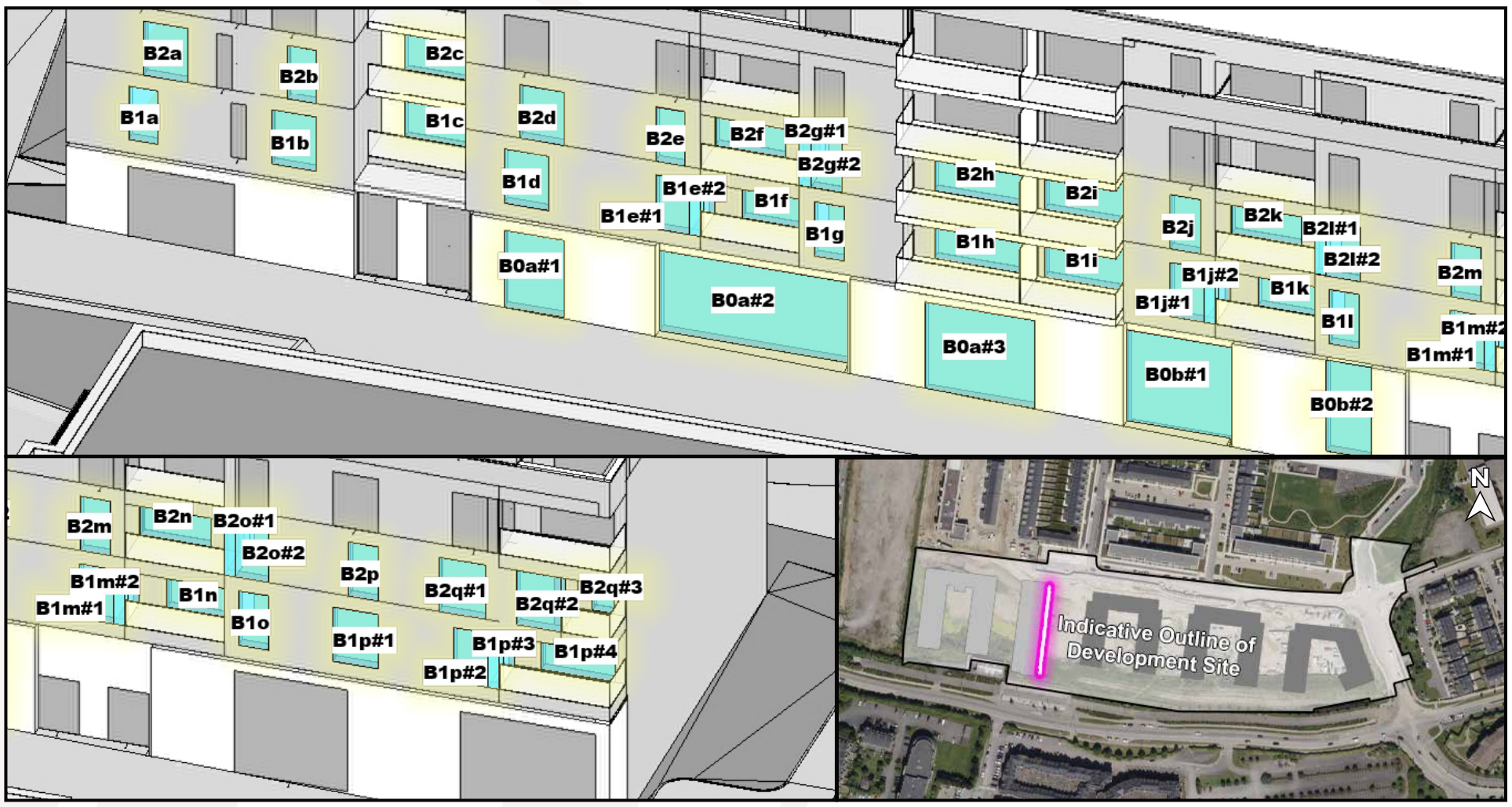


Figure A.14: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R)

Table No. A.2.2 - WPSH Results: Granted Block B						
Window Number	Baseline WPSH**	Proposed WPSH	Ratio of Proposed WPSH to Baseline WPSH	Recommended minimum WPSH*	Level of Compliance with BRE Guidelines	Effect of Proposed Development***
B2a	20.98%	20.98%	1.00	5.00%	BRE Compliant	Negligible
B2b	20.90%	20.98%	1.00	5.00%	BRE Compliant	Negligible
B2c	5.13%	5.21%	1.02	4.10%	BRE Compliant	Negligible
B2d	20.44%	20.82%	1.02	5.00%	BRE Compliant	Negligible
B2e	20.05%	20.12%	1.00	5.00%	BRE Compliant	Negligible
B2f	3.89%	3.96%	1.02	3.11%	BRE Compliant	Negligible
B2g#	19.27%	19.27%	1.00	5.00%	BRE Compliant	Negligible
B2h	7.93%	7.61%	0.96	5.00%	BRE Compliant	Negligible
B2i	3.26%	3.34%	1.02	2.61%	BRE Compliant	Negligible
B2j	13.11%	12.26%	0.93	5.00%	BRE Compliant	Negligible
B2k	1.71%	1.01%	0.59	1.37%	BRE Compliant	Negligible
B2l#	15.93%	15.15%	0.95	5.00%	BRE Compliant	Negligible
B2m	16.05%	14.96%	0.93	5.00%	BRE Compliant	Negligible
B2n	1.71%	0.93%	0.55	1.37%	BRE Compliant	Negligible
B2o#	16.06%	15.13%	0.94	5.00%	BRE Compliant	Negligible
B2p	16.24%	14.84%	0.91	5.00%	BRE Compliant	Negligible
B2q#	16.39%	15.15%	0.92	5.00%	BRE Compliant	Negligible

* The BRE Guidelines state that in order for a proposed development to have a noticeable effect on the APSH/WPSH of an existing window, the value needs to drop below the stated target value of 25% (annual) / 5% (winter) **and** be less than 0.8 times the baseline value **and** it has to have a reduction in sunlight received over the whole year greater than 4% of annual probable sunlight hours.

**The Baseline APSH/WPSH value represents the APSH/WPSH value of the assessed window which is calculated in the granted state. For the interpretation of the model states please refer to “4.2.1 Building the Model States” on page 16.

***For the interpretation of level of effects please refer to “3.2 Definition of Effects” on page 13.

If it can be determined or reasonably assumed that multiple windows are servicing the same room, APSH/WPSH has been calculated for the room rather than the individual windows.

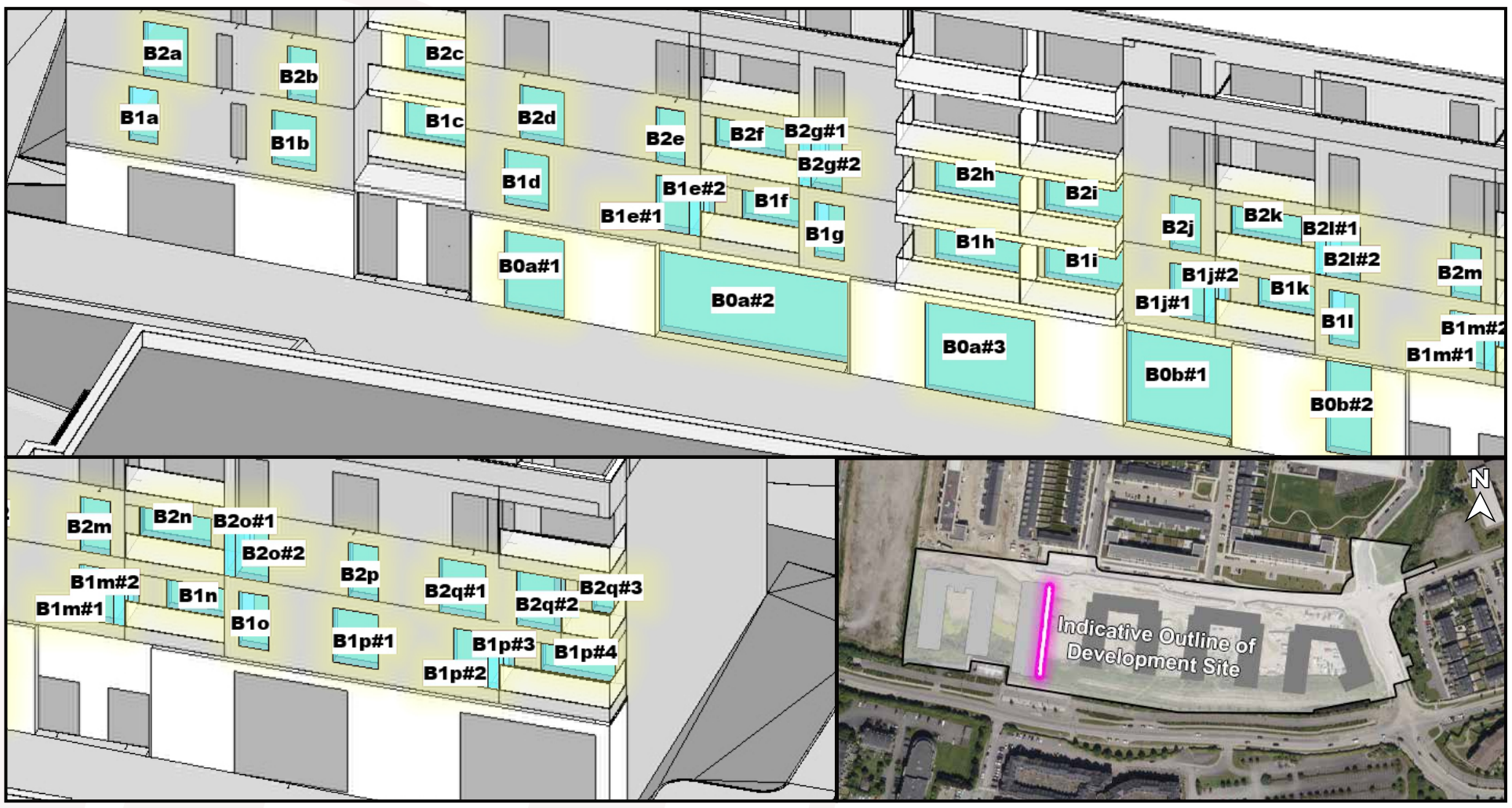


Figure A.15: Highlighted areas indicate the position of assessed windows (L), Aerial view of assessed location (R)

B.0 **Shadow Studies**
B.1 **Shadow Study 21 March**

March 21st
Sunrise 6:33 | Sunset 18:33

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

Applicant: Greenacre Residential DAC

3D DESIGN BUREAU

Granted (ABP-305563-19)

Proposed

March 21st 7:00

Proposed

Granted (ABP-305563-19)

March 21st 8:00

Proposed

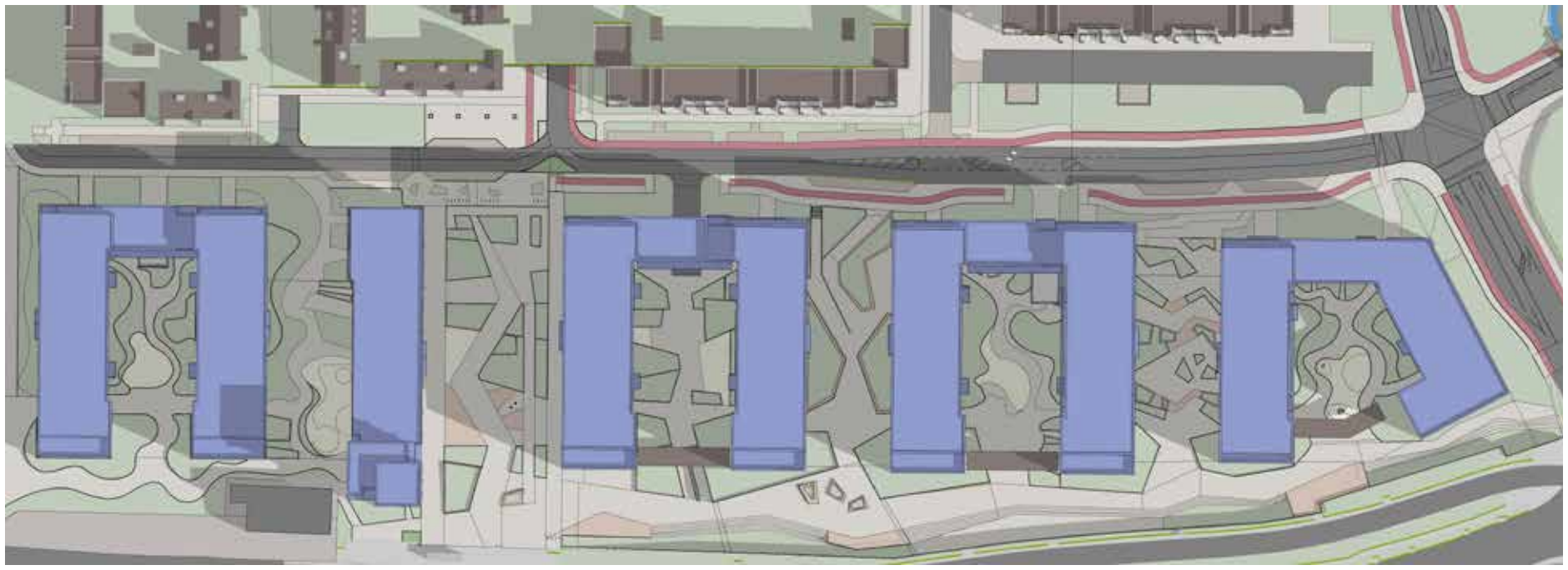
Granted (ABP-305563-19)

N

N

March 21st 9:00

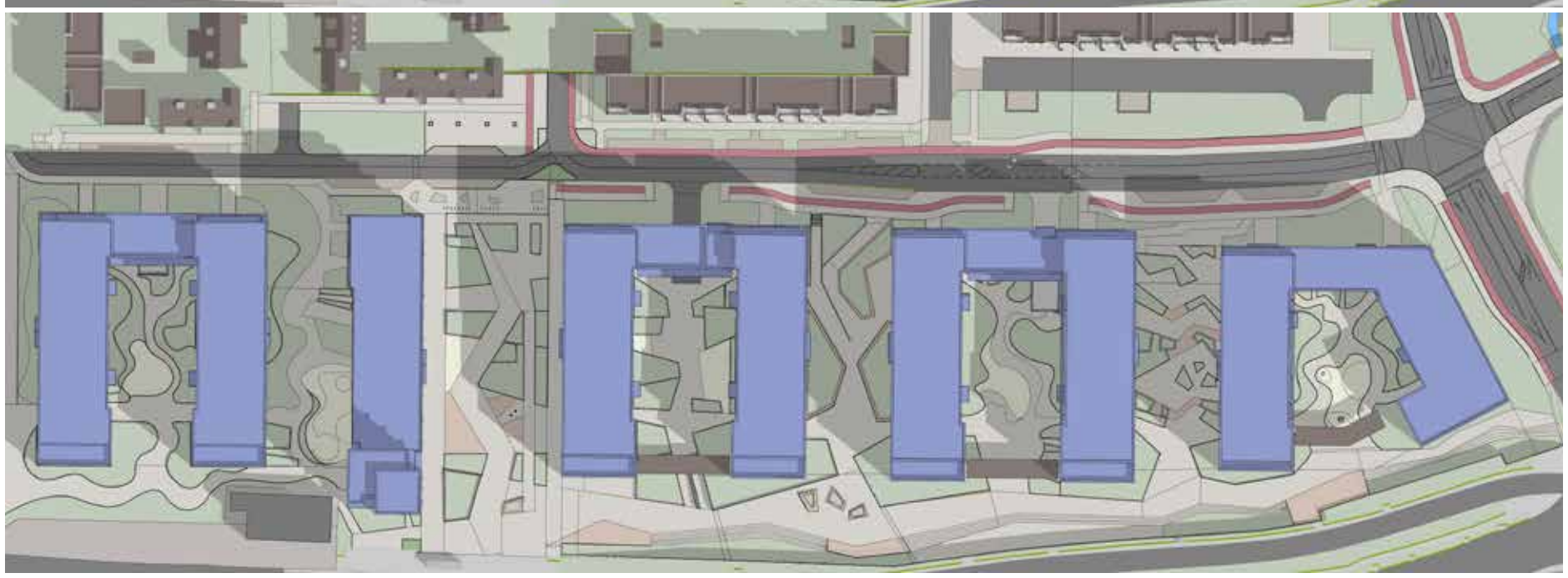
Granted (ABP-305563-19)



Proposed

March 21st 10:00

Granted (ABP-305563-19)



Proposed

Project: Modifications to ABP-305563-19, Fortunestown Lane, Saggart, Co. Dublin

3D DESIGN BUREAU

March 21st
Sunrise 6:33 | Sunset 18:33

Applicant: Greenacre Residential DAC

Granted (ABP-305563-19)	Proposed

March 21st 12:00

Proposed

Granted (ABP-305563-19)

March 21st 11:00

Proposed

Granted (ABP-305563-19)

Project: Modifications to ABP-305563-19, Fortunestown Lane, Saggart, Co. Dublin

Applicant: Greenacre Residential DAC

March 21st
Sunrise 6:33 | Sunset 18:33

3D DESIGN BUREAU

Granted (ABP-305563-19)

Proposed

March 21st 14:00

Proposed

Granted (ABP-305563-19)

March 21st 13:00

Proposed

Granted (ABP-305563-19)

N

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

Applicant: Greenacre Residential DAC

3D DESIGN BUREAU

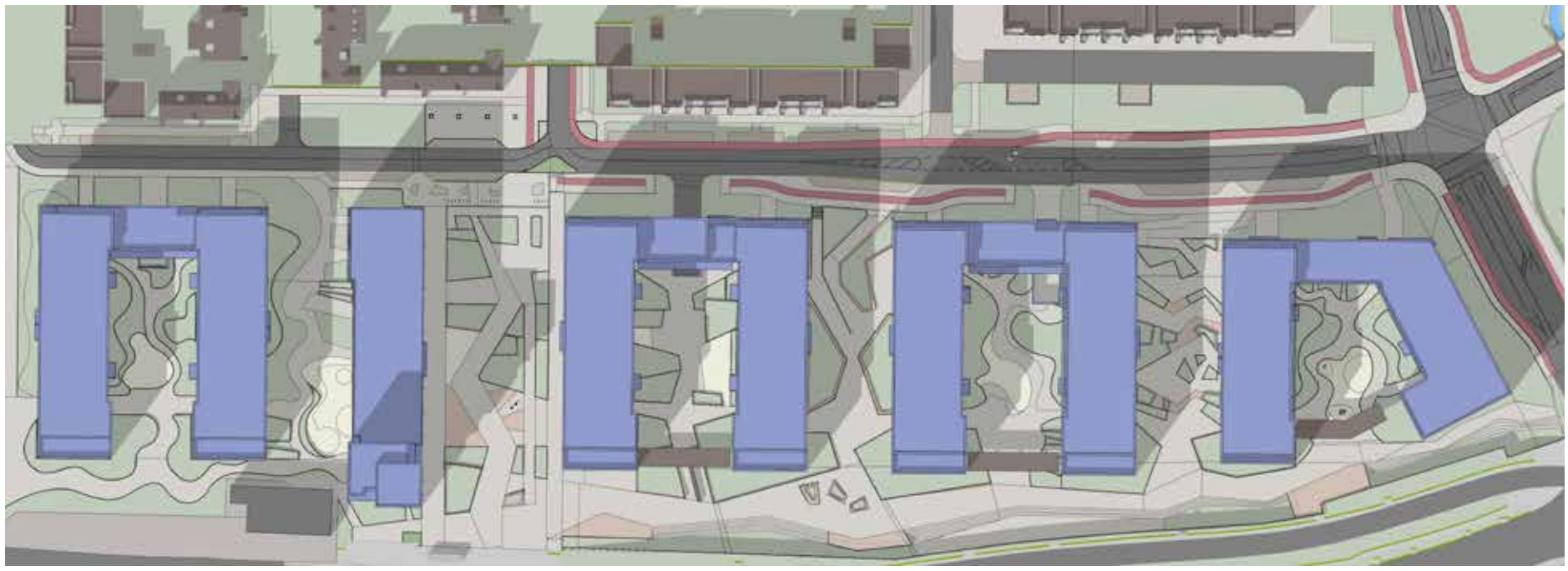
Granted (ABP-305563-19)

Proposed

March 21st
Sunrise 6:33 | Sunset 18:33

March 21st 15:00

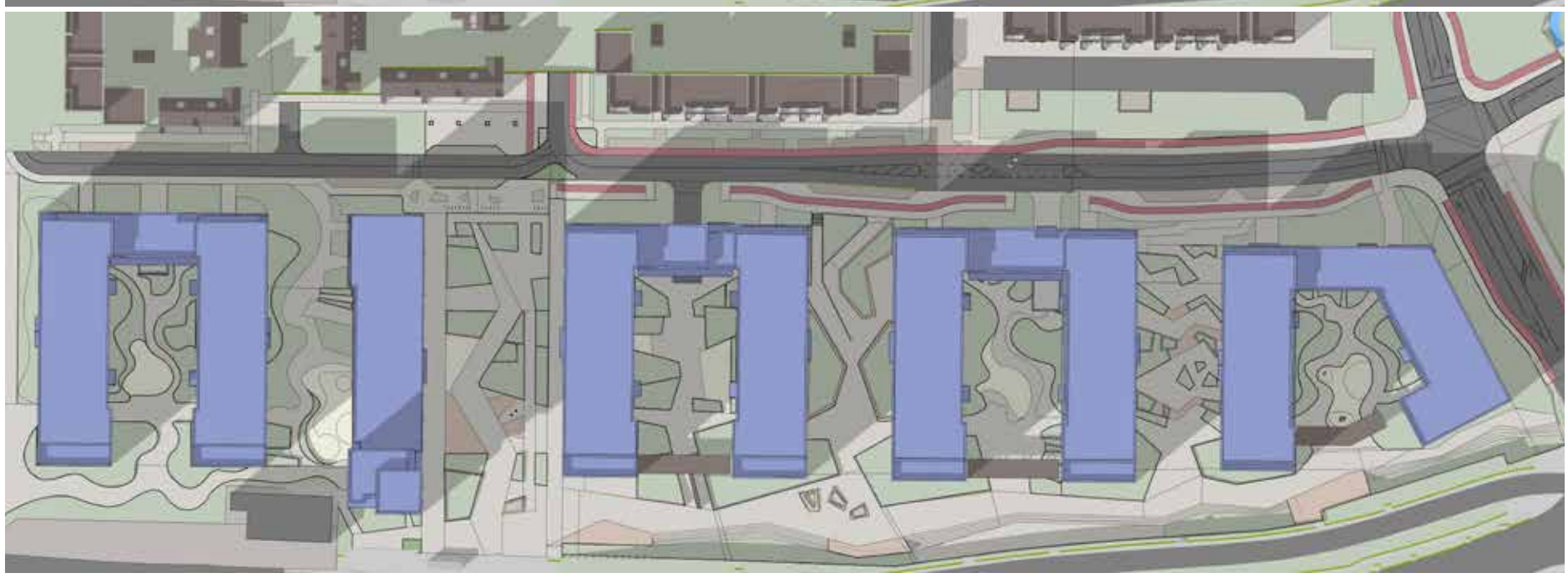
Granted (ABP-305563-19)



Proposed

March 21st 16:00

Granted (ABP-305563-19)



Proposed

Project: Modifications to ABP-305563-19, Fortunestown Lane, Saggart, Co. Dublin

3D DESIGN BUREAU

March 21st
Sunrise 6:33 | Sunset 18:33

Applicant: Greenacre Residential DAC

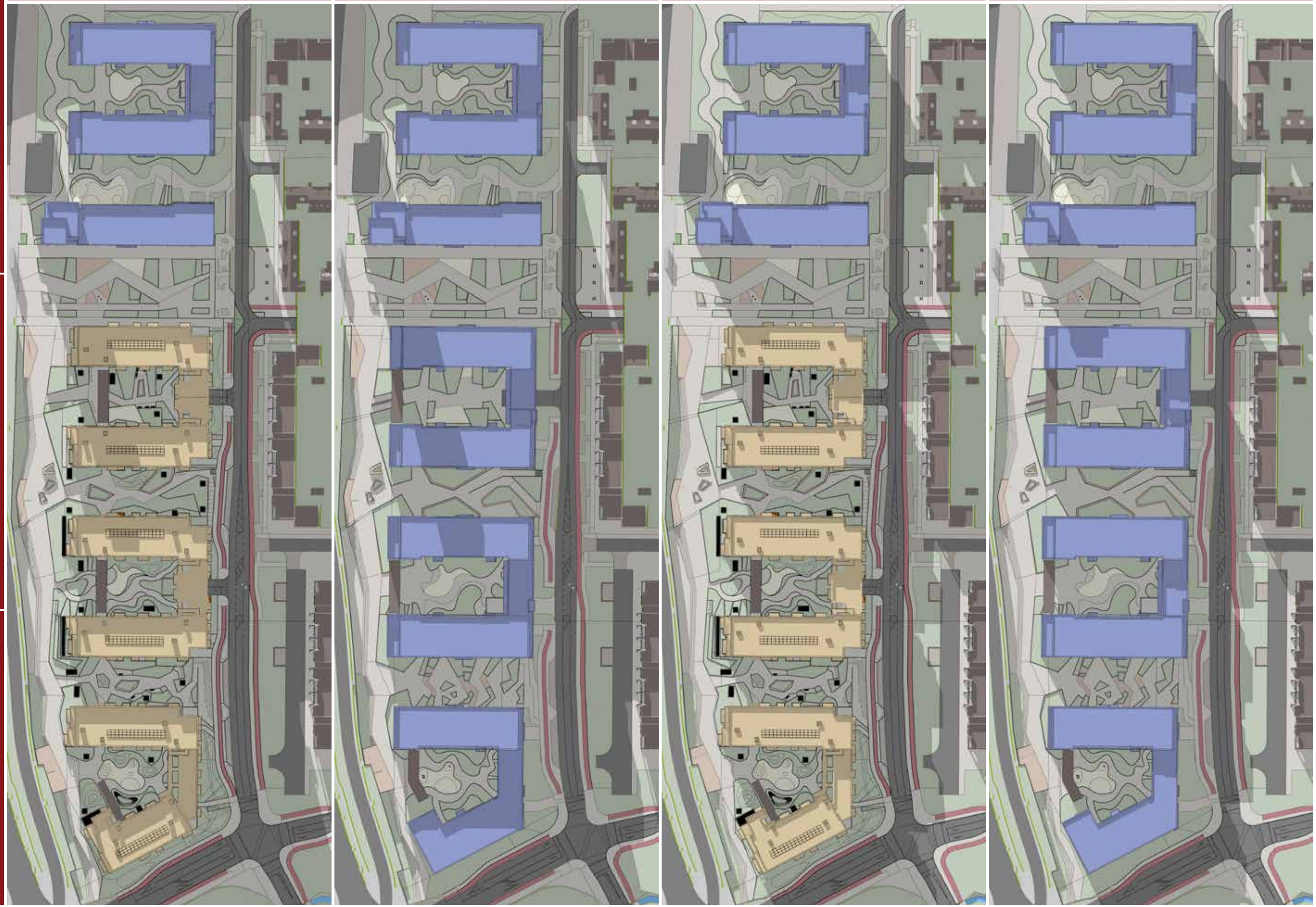
Granted (ABP-305563-19)	Proposed

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

Applicant: Greenacre Residential DAC

March 21st
Sunrise 6:33 | Sunset 18:33

March 21st 17:00		March 21st 18:00	
Proposed	Granted (ABP-305563-19)	Proposed	Granted (ABP-305563-19)



3D DESIGN BUREAU

Granted (ABP-305563-19)

Proposed

B.2

Shadow Study 21 June

June 21st
Sunrise 5:05 | Sunset 21:50

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

Applicant: Greenacre Residential DAC

3D DESIGN BUREAU

Granted (ABP-305563-19)

Proposed

June 21st 6:00

Proposed

Granted (ABP-305563-19)

Juneh 21st 7:00

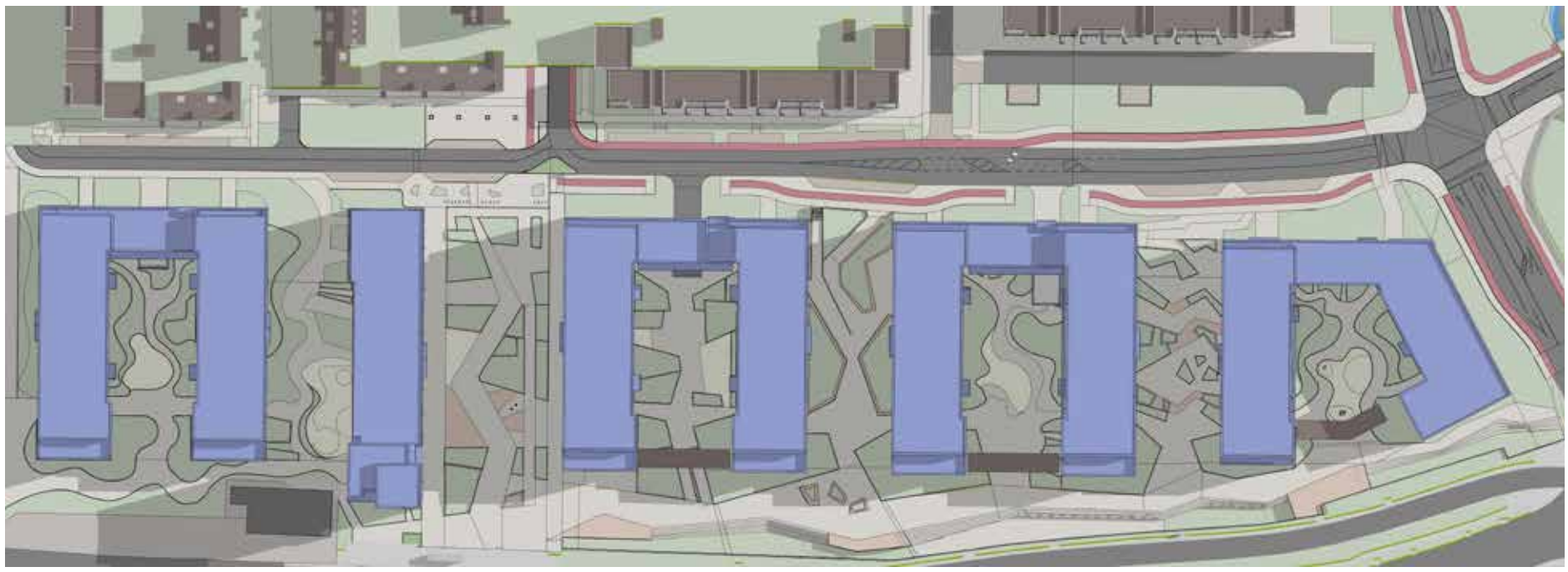
Proposed

Granted (ABP-305563-19)

N

June 21st 8:00

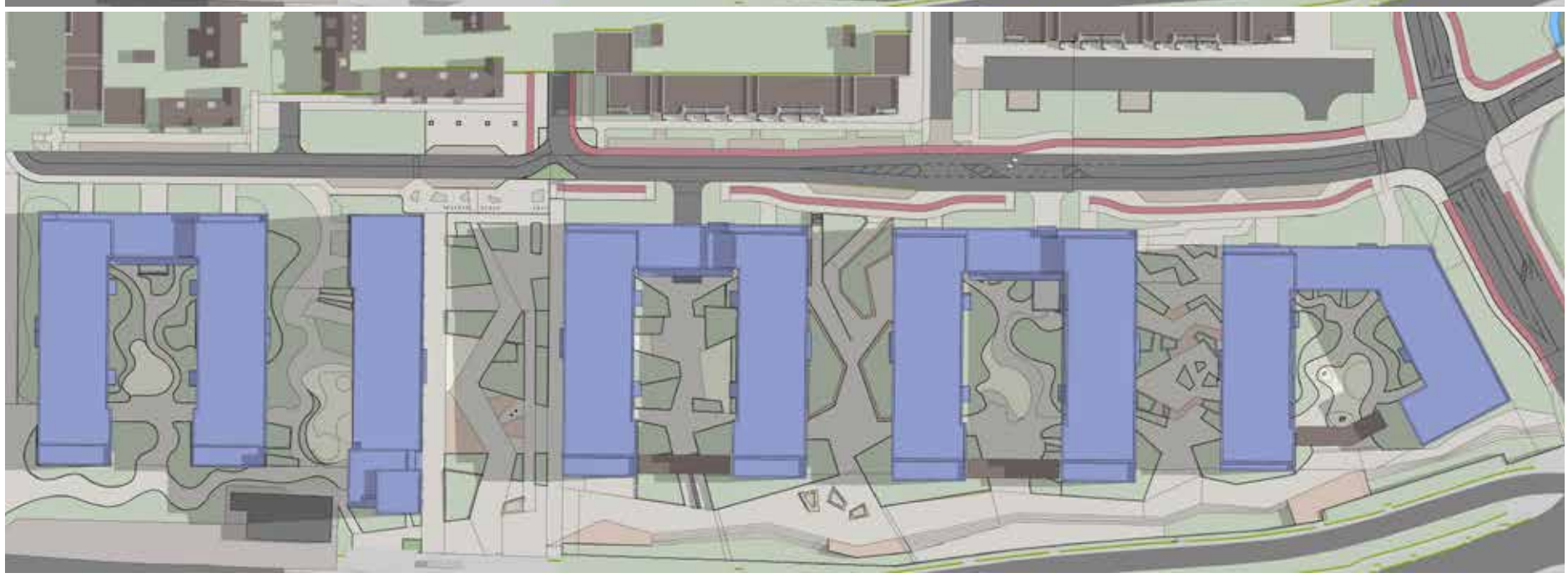
Granted (ABP-305563-19)



Proposed

June 21st 9:00

Granted (ABP-305563-19)



Proposed

	Project: Modifications to ABP-305563-19, Fortunestown Lane, Saggart, Co. Dublin	3D DESIGN BUREAU	
June 21st **Sunrise 5:05 | Sunset 21:50**	**Applicant:** Greenacre Residential DAC	**Granted** **(ABP-305563-19)**	**Proposed**

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

Applicant: Greenacre Residential DAC

June 21st
Sunrise 5:05 | Sunset 21:50

3D DESIGN BUREAU

Granted (ABP-305563-19)

Proposed

June 21st 10:00

Proposed

Granted (ABP-305563-19)

Juneh 21st 11:00

Proposed

Granted (ABP-305563-19)

June 21st
Sunrise 5:05 | Sunset 21:50

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

Applicant: Greenacre Residential DAC

3D DESIGN BUREAU

Granted (ABP-305563-19)

Proposed

June 21st 12:00

Proposed

Granted (ABP-305563-19)

Juneh 21st 13:00

Proposed

Granted (ABP-305563-19)

June 21st
Sunrise 5:05 | Sunset 21:50

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

Applicant: Greenacre Residential DAC

3D DESIGN BUREAU

Granted (ABP-305563-19)

Proposed

June 21st 14:00

Proposed

Granted (ABP-305563-19)

Juneh 21st 15:00

Proposed

Granted (ABP-305563-19)

June 21st
Sunrise 5:05 | Sunset 21:50

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

Applicant: Greenacre Residential DAC

3D DESIGN BUREAU

Granted (ABP-305563-19)

Proposed

June 21st 16:00

Proposed

Granted (ABP-305563-19)

Juneh 21st 17:00

Proposed

Granted (ABP-305563-19)

June 21st
Sunrise 5:05 | Sunset 21:50

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

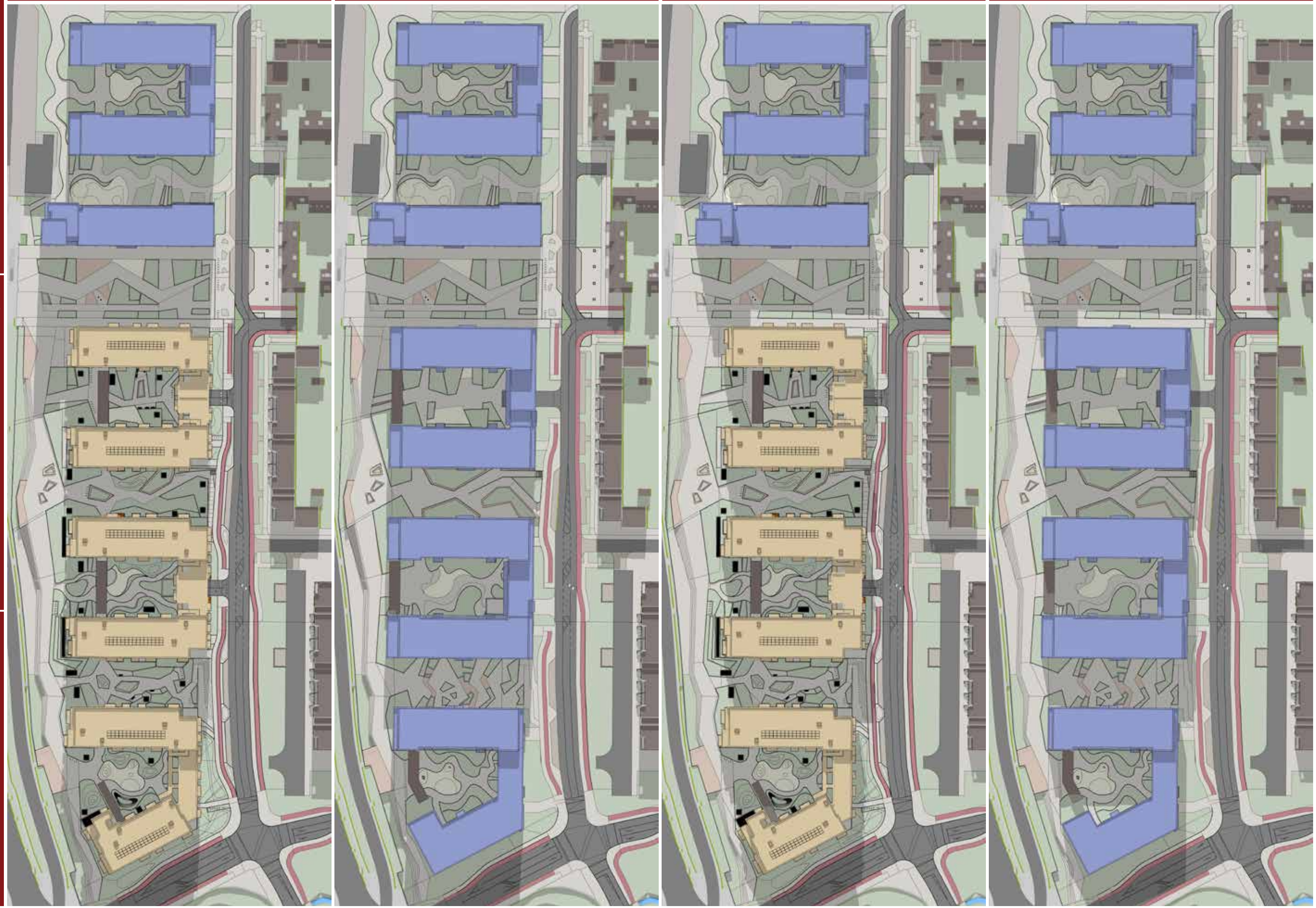
Applicant: Greenacre Residential DAC

3D DESIGN BUREAU

Granted
(ABP-305563-19)

Proposed

June 21st 18:00		Juneh 21st 19:00	
Proposed	Granted (ABP-305563-19)	Proposed	Granted (ABP-305563-19)



June 21st
Sunrise 5:05 | Sunset 21:50

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

Applicant: Greenacre Residential DAC

June 21st 20:00		Juneh 21st 21:00	
Proposed	Granted (ABP-305563-19)	Proposed	Granted (ABP-305563-19)
			

3D DESIGN BUREAU

Granted (ABP-305563-19)

Proposed

B.3

Shadow Study 21 December

December 21st
Sunrise 8:46 | Sunset 16:01

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

Applicant: Greenacre Residential DAC

3D DESIGN BUREAU

Granted (ABP-305563-19)

Proposed

December 21st 9:00

Proposed

Granted (ABP-305563-19)

December 21st 10:00

Proposed

Granted (ABP-305563-19)

N

December 21st 11:00

Proposed

Granted (ABP-305563-19)

December 21st 12:00

Proposed

Granted (ABP-305563-19)

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

Applicant: Greenacre Residential DAC

3D DESIGN BUREAU

Granted (ABP-305563-19)

Proposed

December 21st
Sunrise 8:46 | Sunset 16:01

December 21st
Sunrise 8:46 | Sunset 16:01

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

Applicant: Greenacre Residential DAC

3D DESIGN BUREAU

Granted (ABP-305563-19)

Proposed

December 21st 13:00

Proposed

Granted (ABP-305563-19)

December 21st 14:00

Proposed

Granted (ABP-305563-19)

December 21st
Sunrise 8:46 | Sunset 16:01

Project: Modifications to ABP-305563-19,
Fortunestown Lane, Saggart, Co. Dublin

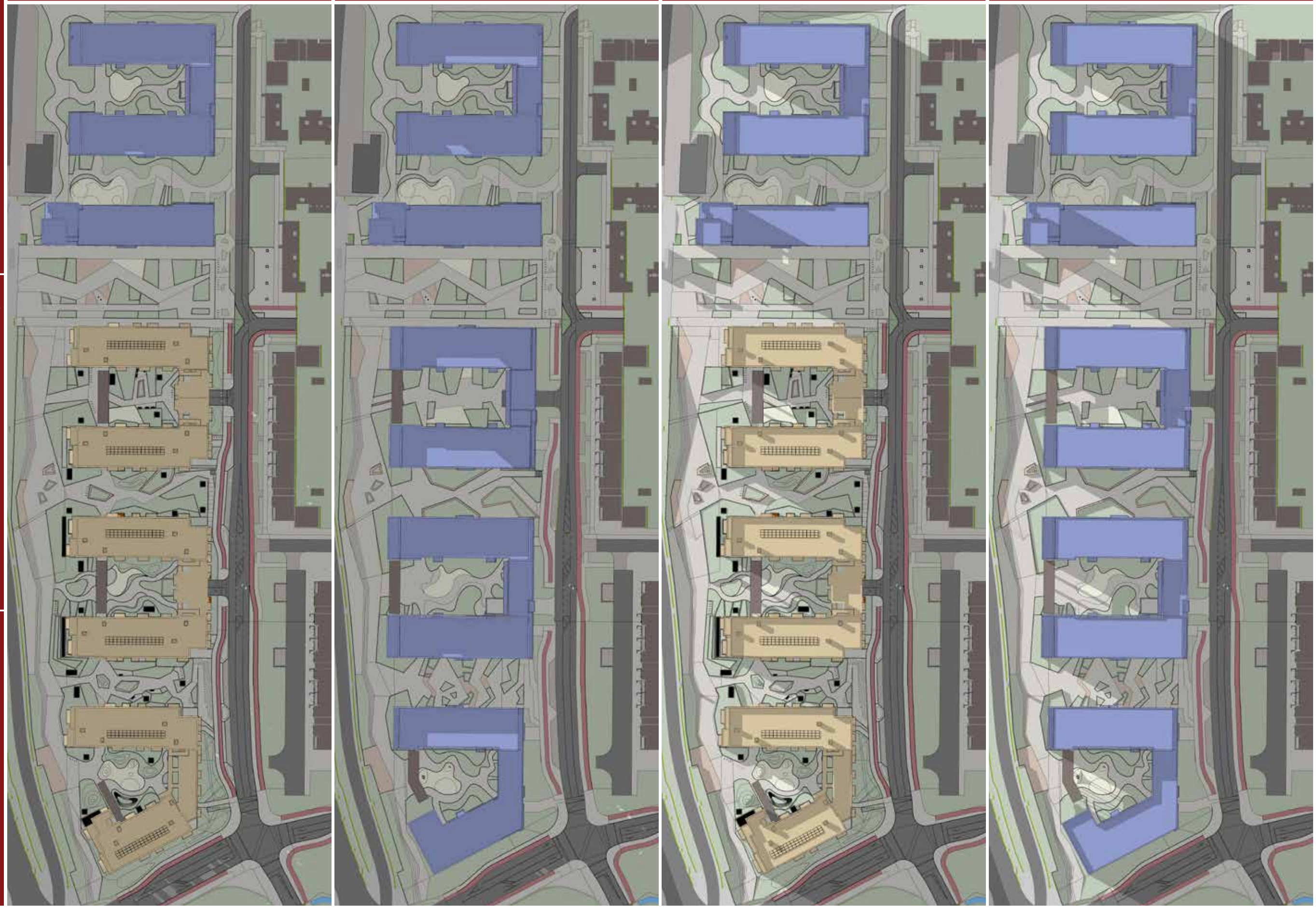
Applicant: Greenacre Residential DAC

Granted
(ABP-305563-19)

Proposed

3D DESIGN BUREAU

December 21st 15:00		December 21st 16:00	
Proposed	Granted (ABP-305563-19)	Proposed	Granted (ABP-305563-19)



C.0 Scheme Performance

C.1 Proposed Apartment Floor Plans

C.1.1 Proposed Apartment Floor Plans - Block C

Figure C.1: Block C - Site Location

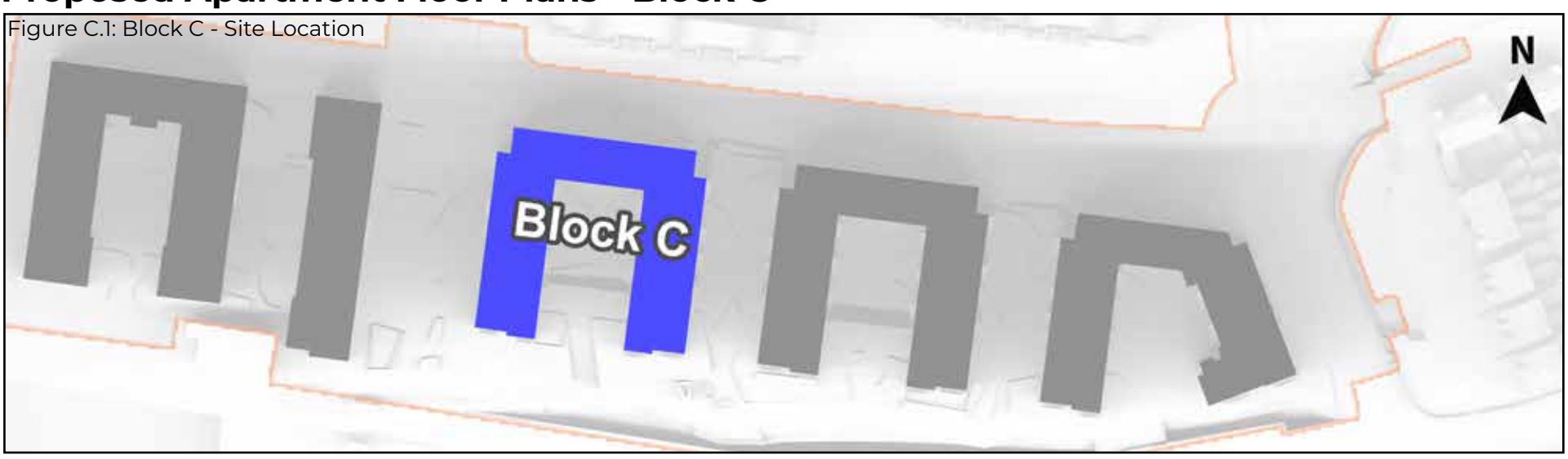


Figure C.2: Block C - Ground Floor

Figure C.3: Block C - First Floor

Figure C.4: Block C - Second Floor

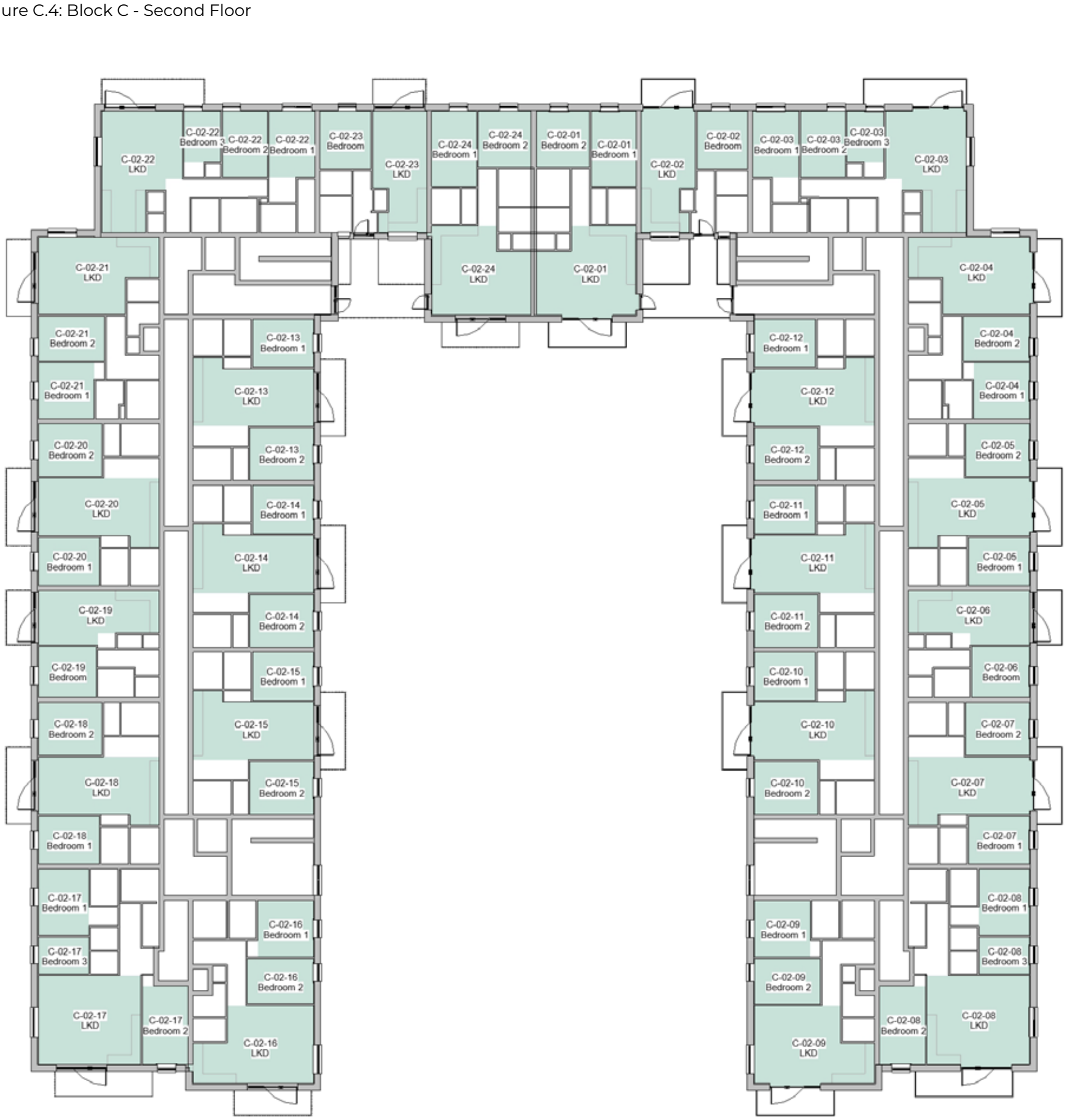


Figure C.5: Block C - Third Floor

Figure C.6: Block C - Fourth Floor

Figure C.7: Block C - Fifth Floor

C.1.2 Proposed Apartment Floor Plans - Block D

Figure C.8: Block D - Site Location

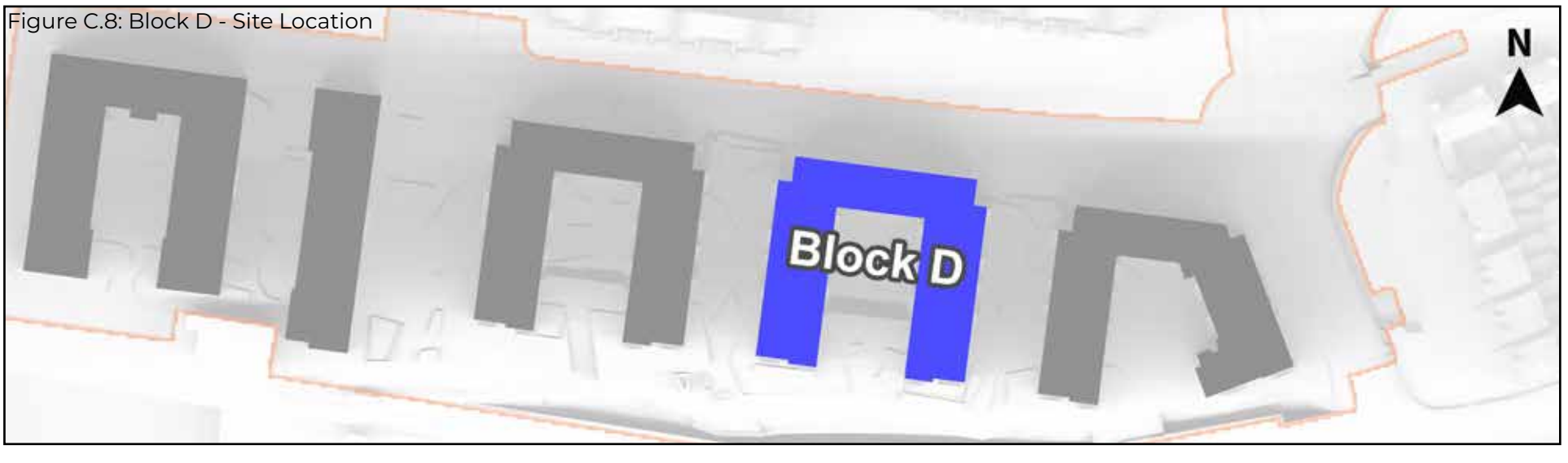


Figure C.9: Block D - Ground Floor

Figure C.10: Block D - First Floor

Figure C.11: Block D - Second Floor

Figure C.12: Block D - Third Floor

Figure C.13: Block D - Fourth Floor

Figure C.14: Block D - Fifth Floor

C.1.3 Proposed Apartment Floor Plans - Block E

Figure C.15: Block E - Site Location

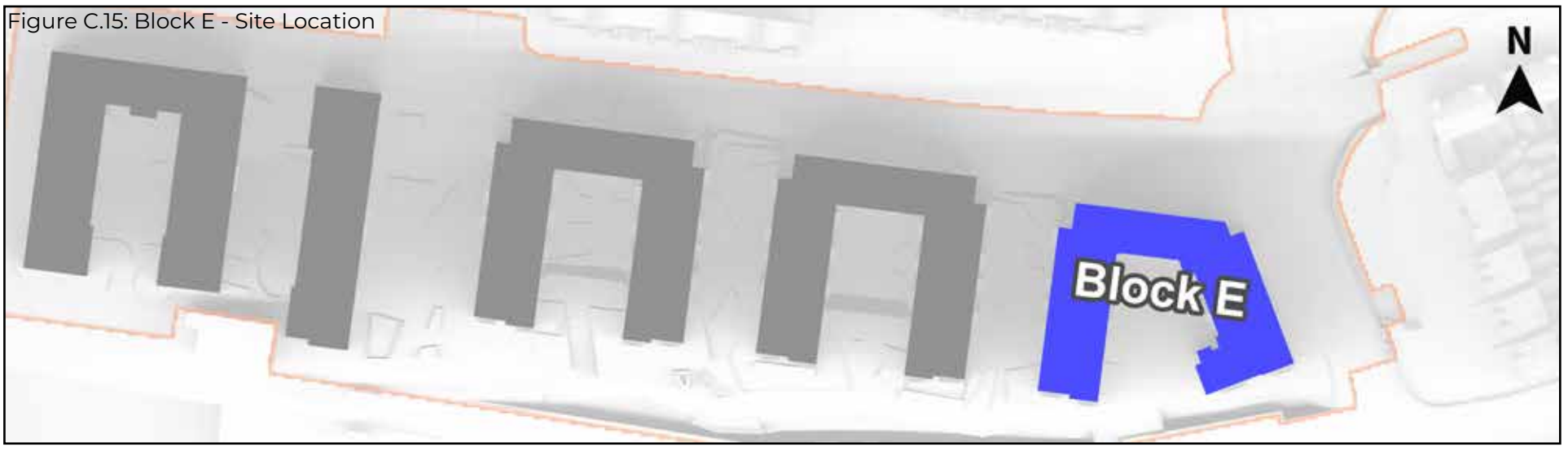


Figure C.16: Block E - Ground Floor

Figure C.17: Block E - First Floor

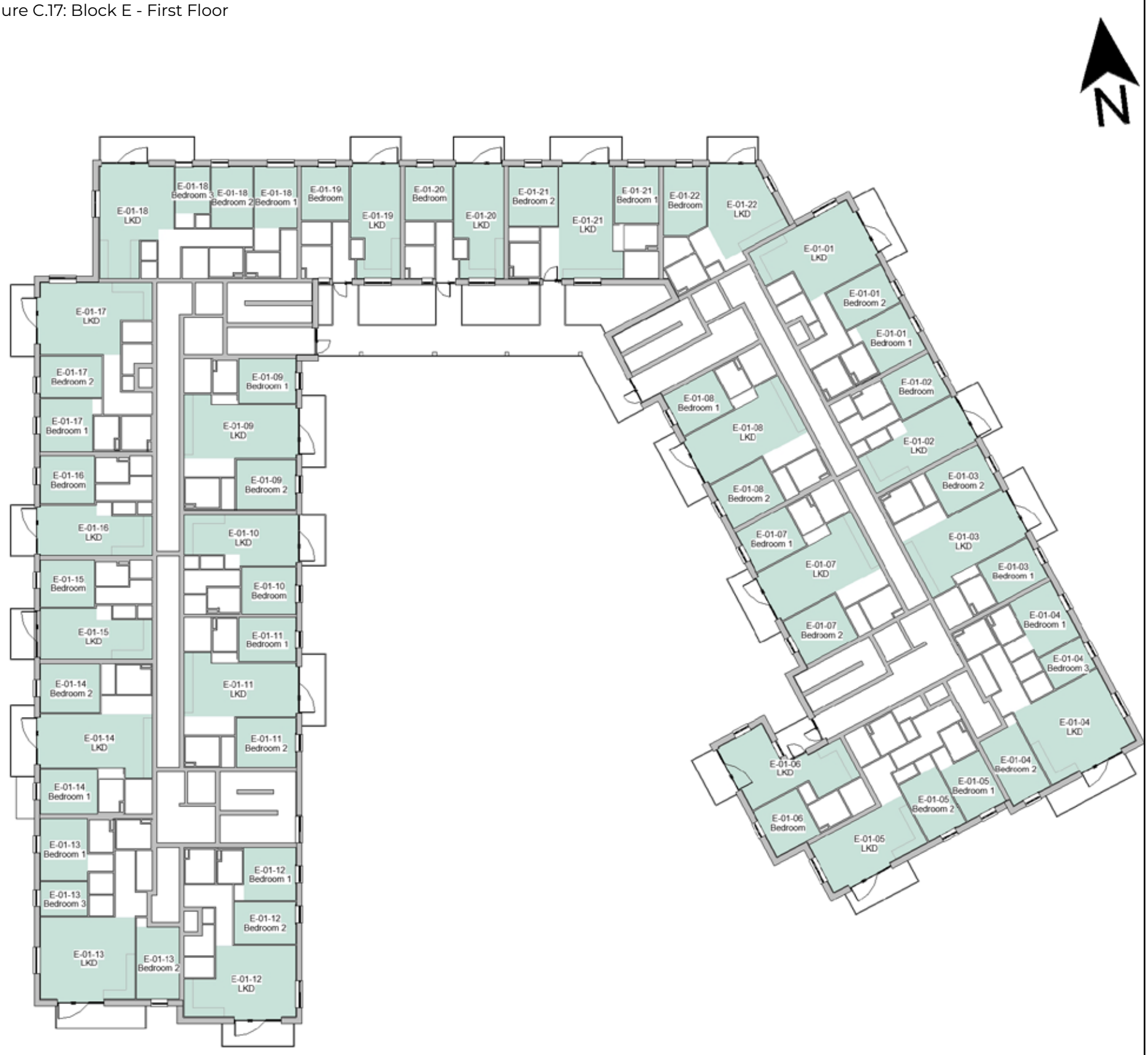


Figure C.18: Block E - Second Floor

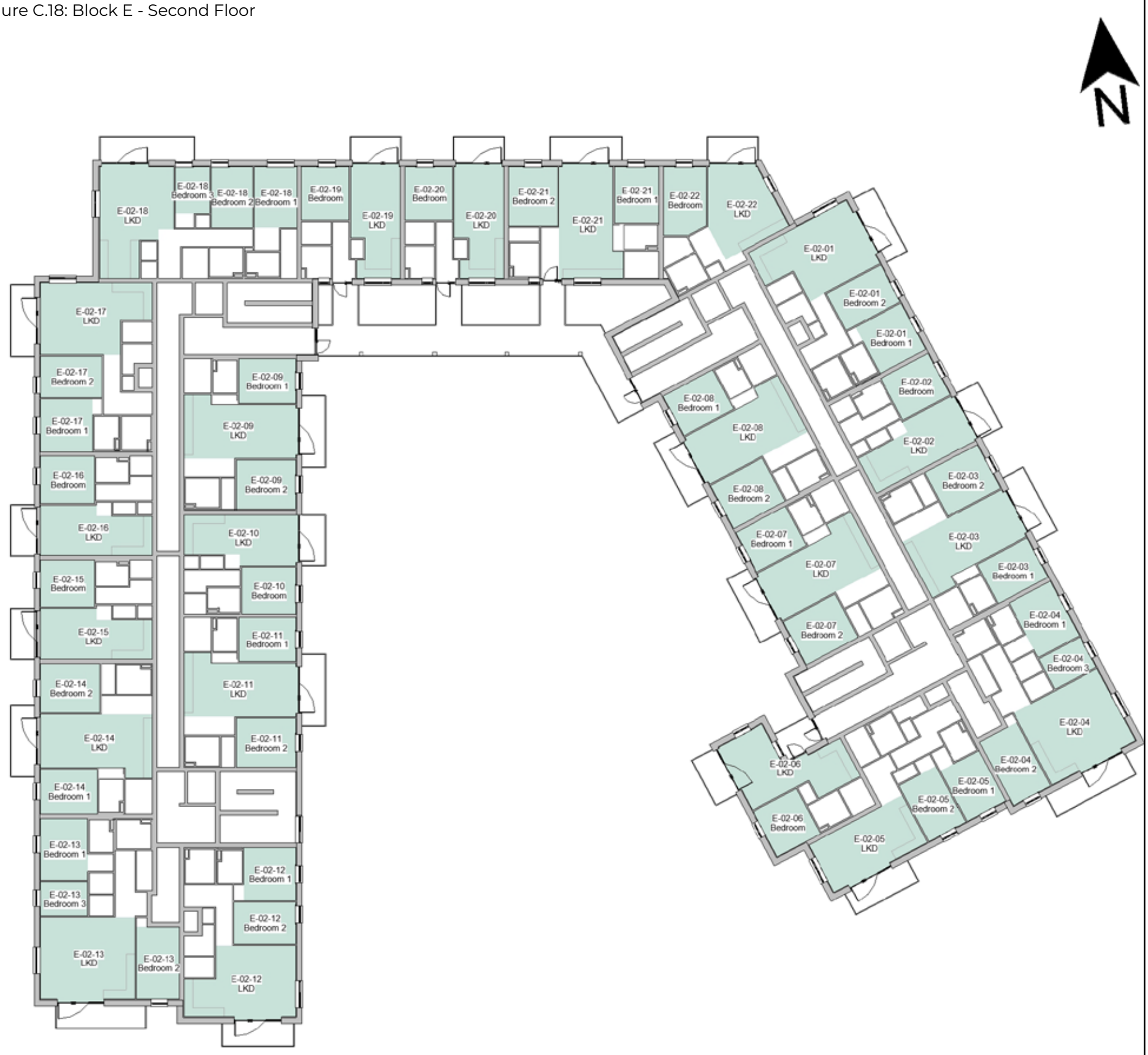


Figure C.19: Block E - Third Floor

Figure C.20: Block E - Fourth Floor

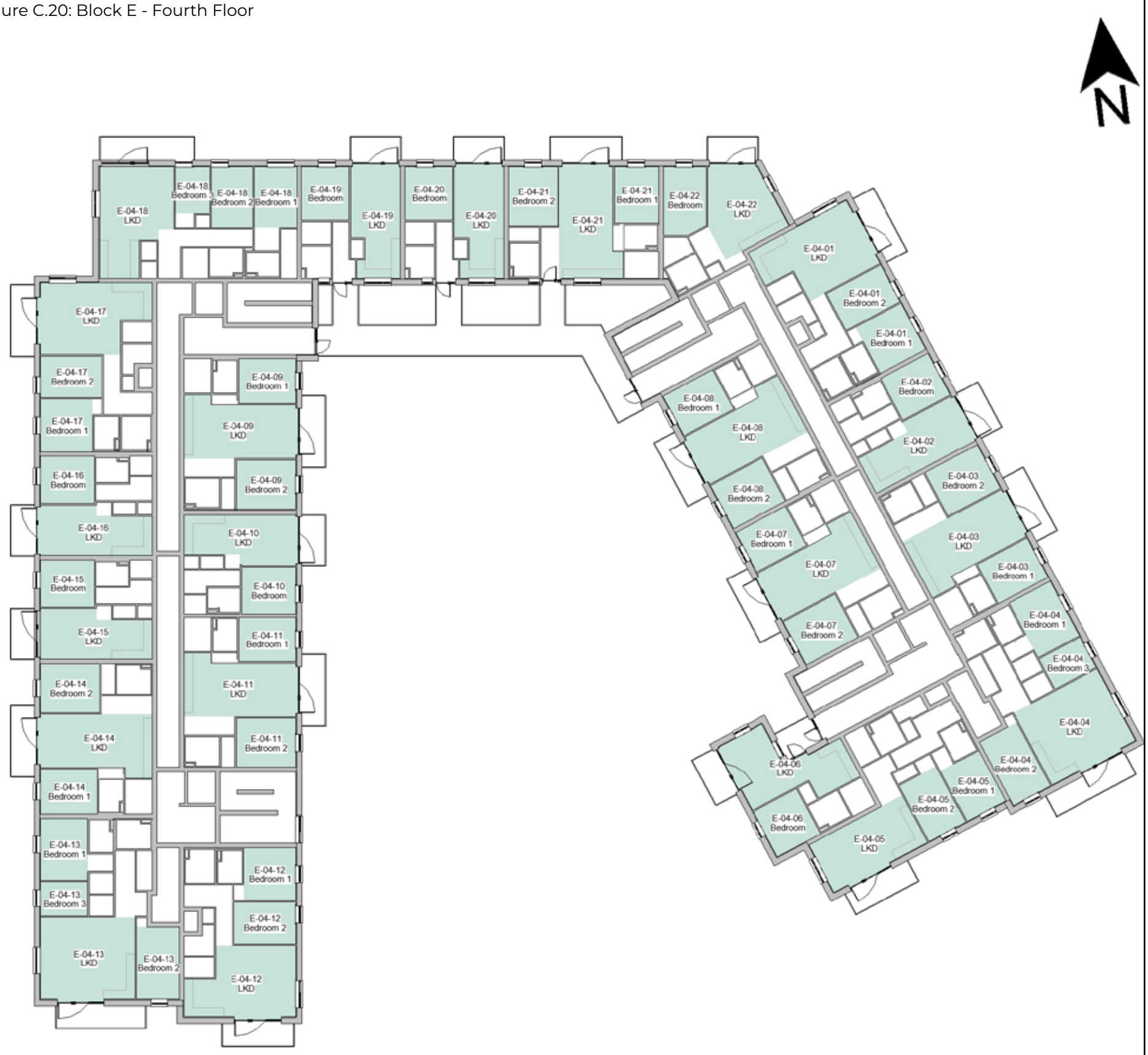


Figure C.21: Block E - Fifth Floor

C.2 Spatial Daylight Autonomy (SDA) in Proposed Units

Below is an example of the table used to describe the spatial daylight autonomy results in proposed units.

Table Example. C.2 - Scheme Performance SDA						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BR 209 Criteria
			Without Trees	Winter	Summer	
A	**B**	**C**	**D**	**E**	**F**	**G**

A: Unit Number

This column identifies the assessed unit. All unit numbers are determined by the architect's drawings, unless otherwise stated.

B: Room Description

Room Description details which room in the unit has been assessed, e.g. bedroom, LKD, etc.

C: Target Lux

Under BR 209 the appropriate target lux levels to be achieved across 50% of the working plane of a room differ depending on the room type. Kitchens have a target lux of 200, living rooms have a target lux of 150 and bedrooms have a target lux of 100. In a room providing more than one function, such as an LKD, the higher target value should be taken i.e. 200 Lux.

D: % of area above target Lux (Without Trees)

BR 209 recommends target lux levels to be achieved across at least 50% of the working plane for at least half the daylight hours. The target values differ depending on the room function, 200 lux for Kitchens, 150 lux for Living Rooms or 100 lux for Bedrooms.

This column states percentage of the working plane of the assessed room that is capable of receiving more than the appropriate target lux for at least half the daylight hours with trees excluded from the analytical model. The figures shown in this column should be considered part of a supplementary study that helps identify if trees are having an effect on daylight within the proposed units.

E: % of area above target Lux (Winter)

BR 209 recommends target lux levels to be achieved across at least 50% of the working plane for at least half the daylight hours. The target values differ depending on the room function, 200 lux for Kitchens, 150 lux for Living Rooms or 100 lux for Bedrooms.

This column states percentage of the working plane of the assessed room that is capable of receiving more than the appropriate target lux for at least half the daylight hours with deciduous trees in the winter state, i.e. bare branch.

F: % of area above target Lux (Summer)

BR 209 recommends target lux levels to be achieved across at least 50% of the working plane for at least half the daylight hours. The target values differ depending on the room function, 200 lux for Kitchens, 150 lux for Living Rooms or 100 lux for Bedrooms.

This column states percentage of the working plane of the assessed room that is capable of receiving more than the appropriate target lux for at least half the daylight hours with deciduous trees in full foliage.

G: Compliance with BR 209 Criteria

This column states if the assessed room achieves the recommended level of daylight as per BR 209 with consideration to the various tree states.

If the target lux level is achieved across more than 50% of the working plane, for half the daylight hours, both with and without trees, this column will state: *'Compliant'*.

If the target lux level is not achieved across more than 50% of the working plane, for half the daylight hours, both with and without trees, this column will state: *'Non-compliant'*.

If the target lux level is achieved across more than 50% of the working plane, for half the daylight hours, without trees but is not achieved with trees, this column will state: *'Trees affecting compliance'*.

If the target lux level is achieved across more than 50% of the working plane, for half the daylight hours, with the trees in the winter state but is not achieved with trees in the summer state, this column will state: *'Trees affecting compliance (summer only)'*.

Compliance rates will be stated for SDA compliance with trees in all of the above states.

It should be noted that the figures displayed in the table of results have been rounded off. A manual calculation of these figures may yield a negligible difference and should not be considered an error.

C.2.1 SDA Results: Block C - Ground Floor

Table No. C.2.1 - SDA Results: Block C - Ground Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
C-00-01	LKD	200	86%	75%	51%	Compliant
C-00-01	Bedroom 1	100	100%	100%	61%	Compliant
C-00-01	Bedroom 2	100	100%	100%	100%	Compliant
C-00-01	Bedroom 3	100	100%	100%	100%	Compliant
C-00-02	LKD	200	83%	73%	46%	Trees affecting Compliance (summer only)
C-00-02	Bedroom 1	100	100%	100%	65%	Compliant
C-00-02	Bedroom 2	100	100%	100%	76%	Compliant
C-00-02	Bedroom 3	100	100%	100%	100%	Compliant
C-00-03	LKD	200	80%	77%	70%	Compliant
C-00-03	Bedroom 1	100	93%	49%	15%	Trees affecting compliance
C-00-03	Bedroom 2	100	87%	55%	27%	Trees affecting Compliance (summer only)
C-00-04	LKD	200	34%	28%	18%	Non-compliant
C-00-04	Bedroom 1	100	68%	51%	40%	Trees affecting Compliance (summer only)
C-00-04	Bedroom 2	100	70%	47%	26%	Trees affecting compliance
C-00-05	LKD	200	48%	38%	27%	Non-compliant
C-00-05	Bedroom	100	93%	62%	34%	Trees affecting Compliance (summer only)
C-00-06	LKD	200	56%	42%	21%	Trees affecting compliance
C-00-06	Bedroom	100	91%	48%	14%	Trees affecting compliance
C-00-07	LKD	200	100%	100%	100%	Compliant
C-00-07	Bedroom 1	100	99%	85%	56%	Compliant
C-00-07	Bedroom 2	100	100%	100%	100%	Compliant
C-00-07	Bedroom 3	100	100%	100%	100%	Compliant
C-00-08	LKD	200	100%	100%	94%	Compliant
C-00-08	Bedroom 1	100	100%	98%	68%	Compliant
C-00-08	Bedroom 2	100	100%	95%	49%	Trees affecting Compliance (summer only)
C-00-09	LKD	200	40%	37%	37%	Non-compliant
C-00-09	Bedroom 1	100	100%	61%	41%	Trees affecting Compliance (summer only)
C-00-09	Bedroom 2	100	95%	48%	26%	Trees affecting compliance
C-00-10	LKD	200	37%	29%	19%	Non-compliant
C-00-10	Bedroom 1	100	68%	47%	22%	Trees affecting compliance
C-00-10	Bedroom 2	100	94%	42%	18%	Trees affecting compliance
C-00-11	LKD	200	23%	18%	15%	Non-compliant
C-00-11	Bedroom 1	100	32%	30%	28%	Non-compliant
C-00-11	Bedroom 2	100	63%	40%	30%	Trees affecting compliance

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.2 SDA Results: Block C - First Floor

Table No. C.2.2 - SDA Results: Block C - First Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
C-01-01	LKD	200	77%	74%	66%	Compliant
C-01-01	Bedroom 1	100	100%	100%	99%	Compliant
C-01-01	Bedroom 2	100	100%	100%	100%	Compliant
C-01-02	LKD	200	96%	95%	88%	Compliant
C-01-02	Bedroom	100	100%	100%	100%	Compliant
C-01-03	LKD	200	92%	86%	80%	Compliant
C-01-03	Bedroom 1	100	100%	100%	100%	Compliant
C-01-03	Bedroom 2	100	100%	100%	100%	Compliant
C-01-03	Bedroom 3	100	100%	100%	100%	Compliant
C-01-04	LKD	200	82%	80%	78%	Compliant
C-01-04	Bedroom 1	100	99%	96%	61%	Compliant
C-01-04	Bedroom 2	100	100%	98%	81%	Compliant
C-01-05	LKD	200	37%	34%	29%	Non-compliant
C-01-05	Bedroom 1	100	100%	90%	76%	Compliant
C-01-05	Bedroom 2	100	97%	82%	61%	Compliant
C-01-06	LKD	200	53%	48%	43%	Trees affecting compliance
C-01-06	Bedroom	100	100%	100%	82%	Compliant
C-01-07	LKD	200	42%	34%	24%	Non-compliant
C-01-07	Bedroom 1	100	100%	100%	100%	Compliant
C-01-07	Bedroom 2	100	100%	81%	45%	Trees affecting Compliance (summer only)
C-01-08	LKD	200	100%	100%	100%	Compliant
C-01-08	Bedroom 1	100	100%	100%	56%	Compliant
C-01-08	Bedroom 2	100	100%	100%	100%	Compliant
C-01-08	Bedroom 3	100	100%	100%	100%	Compliant
C-01-09	LKD	200	100%	100%	97%	Compliant
C-01-09	Bedroom 1	100	100%	100%	100%	Compliant
C-01-09	Bedroom 2	100	100%	100%	100%	Compliant
C-01-10	LKD	200	47%	46%	44%	Non-compliant
C-01-10	Bedroom 1	100	100%	100%	100%	Compliant
C-01-10	Bedroom 2	100	100%	100%	100%	Compliant
C-01-11	LKD	200	41%	39%	35%	Non-compliant
C-01-11	Bedroom 1	100	100%	100%	88%	Compliant
C-01-11	Bedroom 2	100	100%	100%	100%	Compliant
C-01-12	LKD	200	33%	29%	27%	Non-compliant
C-01-12	Bedroom 1	100	61%	52%	49%	Trees affecting Compliance (summer only)
C-01-12	Bedroom 2	100	100%	99%	86%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.
** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.
For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.2 - SDA Results: Block C - First Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
C-01-13	LKD	200	34%	24%	13%	Non-compliant
C-01-13	Bedroom 1	100	65%	50%	45%	Trees affecting Compliance (summer only)
C-01-13	Bedroom 2	100	100%	99%	79%	Compliant
C-01-14	LKD	200	42%	42%	41%	Non-compliant
C-01-14	Bedroom 1	100	100%	100%	100%	Compliant
C-01-14	Bedroom 2	100	100%	100%	100%	Compliant
C-01-15	LKD	200	48%	43%	36%	Non-compliant
C-01-15	Bedroom 1	100	100%	100%	100%	Compliant
C-01-15	Bedroom 2	100	100%	100%	37%	Trees affecting Compliance (summer only)
C-01-16	LKD	200	100%	100%	98%	Compliant
C-01-16	Bedroom 1	100	100%	100%	100%	Compliant
C-01-16	Bedroom 2	100	100%	100%	100%	Compliant
C-01-17	LKD	200	100%	100%	100%	Compliant
C-01-17	Bedroom 1	100	100%	100%	100%	Compliant
C-01-17	Bedroom 2	100	100%	100%	100%	Compliant
C-01-17	Bedroom 3	100	100%	100%	100%	Compliant
C-01-18	LKD	200	53%	50%	49%	Trees affecting Compliance (summer only)
C-01-18	Bedroom 1	100	100%	100%	100%	Compliant
C-01-18	Bedroom 2	100	100%	100%	100%	Compliant
C-01-19	LKD	200	64%	63%	61%	Compliant
C-01-19	Bedroom	100	100%	100%	100%	Compliant
C-01-20	LKD	200	52%	51%	50%	Compliant
C-01-20	Bedroom 1	100	100%	100%	100%	Compliant
C-01-20	Bedroom 2	100	100%	100%	100%	Compliant
C-01-21	LKD	200	88%	87%	86%	Compliant
C-01-21	Bedroom 1	100	100%	100%	100%	Compliant
C-01-21	Bedroom 2	100	100%	100%	100%	Compliant
C-01-22	LKD	200	100%	96%	90%	Compliant
C-01-22	Bedroom 1	100	100%	100%	100%	Compliant
C-01-22	Bedroom 2	100	100%	100%	100%	Compliant
C-01-22	Bedroom 3	100	100%	100%	100%	Compliant
C-01-23	LKD	200	98%	96%	92%	Compliant
C-01-23	Bedroom	100	100%	100%	100%	Compliant
C-01-24	LKD	200	82%	58%	39%	Trees affecting Compliance (summer only)
C-01-24	Bedroom 1	100	100%	100%	100%	Compliant
C-01-24	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.
** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.
For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.3 SDA Results: Block C - Second Floor

Table No. C.2.3 - SDA Results: Block C - Second Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
C-02-01	LKD	200	92%	91%	87%	Compliant
C-02-01	Bedroom 1	100	100%	100%	100%	Compliant
C-02-01	Bedroom 2	100	100%	100%	100%	Compliant
C-02-02	LKD	200	99%	99%	98%	Compliant
C-02-02	Bedroom	100	100%	100%	100%	Compliant
C-02-03	LKD	200	100%	99%	98%	Compliant
C-02-03	Bedroom 1	100	100%	100%	100%	Compliant
C-02-03	Bedroom 2	100	100%	100%	100%	Compliant
C-02-03	Bedroom 3	100	100%	100%	100%	Compliant
C-02-04	LKD	200	83%	83%	83%	Compliant
C-02-04	Bedroom 1	100	100%	100%	100%	Compliant
C-02-04	Bedroom 2	100	100%	100%	100%	Compliant
C-02-05	LKD	200	41%	41%	41%	Non-compliant
C-02-05	Bedroom 1	100	100%	100%	100%	Compliant
C-02-05	Bedroom 2	100	100%	100%	100%	Compliant
C-02-06	LKD	200	57%	57%	57%	Compliant
C-02-06	Bedroom	100	100%	100%	100%	Compliant
C-02-07	LKD	200	47%	46%	45%	Non-compliant
C-02-07	Bedroom 1	100	100%	100%	100%	Compliant
C-02-07	Bedroom 2	100	100%	100%	100%	Compliant
C-02-08	LKD	200	100%	100%	100%	Compliant
C-02-08	Bedroom 1	100	100%	100%	100%	Compliant
C-02-08	Bedroom 2	100	100%	100%	100%	Compliant
C-02-08	Bedroom 3	100	100%	100%	100%	Compliant
C-02-09	LKD	200	100%	100%	100%	Compliant
C-02-09	Bedroom 1	100	100%	100%	100%	Compliant
C-02-09	Bedroom 2	100	100%	100%	100%	Compliant
C-02-10	LKD	200	51%	50%	50%	Compliant
C-02-10	Bedroom 1	100	100%	100%	100%	Compliant
C-02-10	Bedroom 2	100	100%	100%	100%	Compliant
C-02-11	LKD	200	47%	47%	45%	Non-compliant
C-02-11	Bedroom 1	100	100%	100%	100%	Compliant
C-02-11	Bedroom 2	100	100%	100%	100%	Compliant
C-02-12	LKD	200	38%	38%	37%	Non-compliant
C-02-12	Bedroom 1	100	85%	85%	78%	Compliant
C-02-12	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.
** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.
For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.3 - SDA Results: Block C - Second Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
C-02-13	LKD	200	41%	40%	40%	Non-compliant
C-02-13	Bedroom 1	100	91%	84%	80%	Compliant
C-02-13	Bedroom 2	100	100%	100%	100%	Compliant
C-02-14	LKD	200	48%	48%	47%	Non-compliant
C-02-14	Bedroom 1	100	100%	100%	100%	Compliant
C-02-14	Bedroom 2	100	100%	100%	100%	Compliant
C-02-15	LKD	200	53%	52%	51%	Compliant
C-02-15	Bedroom 1	100	100%	100%	100%	Compliant
C-02-15	Bedroom 2	100	100%	100%	100%	Compliant
C-02-16	LKD	200	100%	100%	100%	Compliant
C-02-16	Bedroom 1	100	100%	100%	100%	Compliant
C-02-16	Bedroom 2	100	100%	100%	100%	Compliant
C-02-17	LKD	200	100%	100%	100%	Compliant
C-02-17	Bedroom 1	100	100%	100%	100%	Compliant
C-02-17	Bedroom 2	100	100%	100%	100%	Compliant
C-02-17	Bedroom 3	100	100%	100%	100%	Compliant
C-02-18	LKD	200	58%	57%	56%	Compliant
C-02-18	Bedroom 1	100	100%	100%	100%	Compliant
C-02-18	Bedroom 2	100	100%	100%	100%	Compliant
C-02-19	LKD	200	69%	69%	67%	Compliant
C-02-19	Bedroom	100	100%	100%	100%	Compliant
C-02-20	LKD	200	58%	57%	56%	Compliant
C-02-20	Bedroom 1	100	100%	100%	100%	Compliant
C-02-20	Bedroom 2	100	100%	100%	100%	Compliant
C-02-21	LKD	200	90%	89%	89%	Compliant
C-02-21	Bedroom 1	100	100%	100%	100%	Compliant
C-02-21	Bedroom 2	100	100%	100%	100%	Compliant
C-02-22	LKD	200	100%	100%	100%	Compliant
C-02-22	Bedroom 1	100	100%	100%	100%	Compliant
C-02-22	Bedroom 2	100	100%	100%	100%	Compliant
C-02-22	Bedroom 3	100	100%	100%	100%	Compliant
C-02-23	LKD	200	99%	99%	99%	Compliant
C-02-23	Bedroom	100	100%	100%	100%	Compliant
C-02-24	LKD	200	94%	93%	91%	Compliant
C-02-24	Bedroom 1	100	100%	100%	100%	Compliant
C-02-24	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.4 SDA Results: Block C - Third Floor

Table No. C.2.4 - SDA Results: Block C - Third Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
C-03-01	LKD	200	99%	98%	97%	Compliant
C-03-01	Bedroom 1	100	100%	100%	100%	Compliant
C-03-01	Bedroom 2	100	100%	100%	100%	Compliant
C-03-02	LKD	200	100%	100%	100%	Compliant
C-03-02	Bedroom	100	100%	100%	100%	Compliant
C-03-03	LKD	200	100%	100%	100%	Compliant
C-03-03	Bedroom 1	100	100%	100%	100%	Compliant
C-03-03	Bedroom 2	100	100%	100%	100%	Compliant
C-03-03	Bedroom 3	100	100%	100%	100%	Compliant
C-03-04	LKD	200	86%	86%	86%	Compliant
C-03-04	Bedroom 1	100	100%	100%	100%	Compliant
C-03-04	Bedroom 2	100	100%	100%	100%	Compliant
C-03-05	LKD	200	47%	47%	47%	Non-compliant
C-03-05	Bedroom 1	100	100%	100%	100%	Compliant
C-03-05	Bedroom 2	100	100%	100%	100%	Compliant
C-03-06	LKD	200	63%	63%	63%	Compliant
C-03-06	Bedroom	100	100%	100%	100%	Compliant
C-03-07	LKD	200	51%	50%	50%	Compliant
C-03-07	Bedroom 1	100	100%	100%	100%	Compliant
C-03-07	Bedroom 2	100	100%	100%	100%	Compliant
C-03-08	LKD	200	100%	100%	100%	Compliant
C-03-08	Bedroom 1	100	100%	100%	100%	Compliant
C-03-08	Bedroom 2	100	100%	100%	100%	Compliant
C-03-08	Bedroom 3	100	100%	100%	100%	Compliant
C-03-09	LKD	200	100%	100%	100%	Compliant
C-03-09	Bedroom 1	100	100%	100%	100%	Compliant
C-03-09	Bedroom 2	100	100%	100%	100%	Compliant
C-03-10	LKD	200	56%	55%	55%	Compliant
C-03-10	Bedroom 1	100	100%	100%	100%	Compliant
C-03-10	Bedroom 2	100	100%	100%	100%	Compliant
C-03-11	LKD	200	53%	53%	53%	Compliant
C-03-11	Bedroom 1	100	100%	100%	100%	Compliant
C-03-11	Bedroom 2	100	100%	100%	100%	Compliant
C-03-12	LKD	200	50%	50%	49%	Trees affecting Compliance (summer only)
C-03-12	Bedroom 1	100	100%	100%	100%	Compliant
C-03-12	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.
** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.
For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.4 - SDA Results: Block C - Third Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
C-03-13	LKD	200	52%	51%	51%	Compliant
C-03-13	Bedroom 1	100	100%	100%	100%	Compliant
C-03-13	Bedroom 2	100	100%	100%	100%	Compliant
C-03-14	LKD	200	57%	57%	57%	Compliant
C-03-14	Bedroom 1	100	100%	100%	100%	Compliant
C-03-14	Bedroom 2	100	100%	100%	100%	Compliant
C-03-15	LKD	200	59%	58%	58%	Compliant
C-03-15	Bedroom 1	100	100%	100%	100%	Compliant
C-03-15	Bedroom 2	100	100%	100%	100%	Compliant
C-03-16	LKD	200	100%	100%	100%	Compliant
C-03-16	Bedroom 1	100	100%	100%	100%	Compliant
C-03-16	Bedroom 2	100	100%	100%	100%	Compliant
C-03-17	LKD	200	100%	100%	100%	Compliant
C-03-17	Bedroom 1	100	100%	100%	100%	Compliant
C-03-17	Bedroom 2	100	100%	100%	100%	Compliant
C-03-17	Bedroom 3	100	100%	100%	100%	Compliant
C-03-18	LKD	200	61%	61%	61%	Compliant
C-03-18	Bedroom 1	100	100%	100%	100%	Compliant
C-03-18	Bedroom 2	100	100%	100%	100%	Compliant
C-03-19	LKD	200	73%	73%	73%	Compliant
C-03-19	Bedroom	100	100%	100%	100%	Compliant
C-03-20	LKD	200	62%	61%	61%	Compliant
C-03-20	Bedroom 1	100	100%	100%	100%	Compliant
C-03-20	Bedroom 2	100	100%	100%	100%	Compliant
C-03-21	LKD	200	92%	92%	92%	Compliant
C-03-21	Bedroom 1	100	100%	100%	100%	Compliant
C-03-21	Bedroom 2	100	100%	100%	100%	Compliant
C-03-22	LKD	200	100%	100%	100%	Compliant
C-03-22	Bedroom 1	100	100%	100%	100%	Compliant
C-03-22	Bedroom 2	100	100%	100%	100%	Compliant
C-03-22	Bedroom 3	100	100%	100%	100%	Compliant
C-03-23	LKD	200	100%	100%	100%	Compliant
C-03-23	Bedroom	100	100%	100%	100%	Compliant
C-03-24	LKD	200	99%	98%	98%	Compliant
C-03-24	Bedroom 1	100	100%	100%	100%	Compliant
C-03-24	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.5 SDA Results: Block C - Fourth Floor

Table No. C.2.5 - SDA Results: Block C - Fourth Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
C-04-01	LKD	200	100%	100%	100%	Compliant
C-04-01	Bedroom 1	100	100%	100%	100%	Compliant
C-04-01	Bedroom 2	100	100%	100%	100%	Compliant
C-04-02	LKD	200	100%	100%	100%	Compliant
C-04-02	Bedroom	100	100%	100%	100%	Compliant
C-04-03	LKD	200	100%	100%	100%	Compliant
C-04-03	Bedroom 1	100	100%	100%	100%	Compliant
C-04-03	Bedroom 2	100	100%	100%	100%	Compliant
C-04-03	Bedroom 3	100	100%	100%	100%	Compliant
C-04-04	LKD	200	90%	89%	89%	Compliant
C-04-04	Bedroom 1	100	100%	100%	100%	Compliant
C-04-04	Bedroom 2	100	100%	100%	100%	Compliant
C-04-05	LKD	200	58%	58%	58%	Compliant
C-04-05	Bedroom 1	100	100%	100%	100%	Compliant
C-04-05	Bedroom 2	100	100%	100%	100%	Compliant
C-04-06	LKD	200	71%	71%	71%	Compliant
C-04-06	Bedroom	100	100%	100%	100%	Compliant
C-04-07	LKD	200	61%	61%	61%	Compliant
C-04-07	Bedroom 1	100	100%	100%	100%	Compliant
C-04-07	Bedroom 2	100	100%	100%	100%	Compliant
C-04-08	LKD	200	100%	100%	100%	Compliant
C-04-08	Bedroom 1	100	100%	100%	100%	Compliant
C-04-08	Bedroom 2	100	100%	100%	100%	Compliant
C-04-08	Bedroom 3	100	100%	100%	100%	Compliant
C-04-09	LKD	200	100%	100%	100%	Compliant
C-04-09	Bedroom 1	100	100%	100%	100%	Compliant
C-04-09	Bedroom 2	100	100%	100%	100%	Compliant
C-04-10	LKD	200	63%	63%	62%	Compliant
C-04-10	Bedroom 1	100	100%	100%	100%	Compliant
C-04-10	Bedroom 2	100	100%	100%	100%	Compliant
C-04-11	LKD	200	62%	61%	61%	Compliant
C-04-11	Bedroom 1	100	100%	100%	100%	Compliant
C-04-11	Bedroom 2	100	100%	100%	100%	Compliant
C-04-12	LKD	200	58%	58%	58%	Compliant
C-04-12	Bedroom 1	100	100%	100%	100%	Compliant
C-04-12	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.
** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.
For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.5 - SDA Results: Block C - Fourth Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
C-04-13	LKD	200	63%	63%	63%	Compliant
C-04-13	Bedroom 1	100	100%	100%	100%	Compliant
C-04-13	Bedroom 2	100	100%	100%	100%	Compliant
C-04-14	LKD	200	66%	66%	66%	Compliant
C-04-14	Bedroom 1	100	100%	100%	100%	Compliant
C-04-14	Bedroom 2	100	100%	100%	100%	Compliant
C-04-15	LKD	200	68%	68%	68%	Compliant
C-04-15	Bedroom 1	100	100%	100%	100%	Compliant
C-04-15	Bedroom 2	100	100%	100%	100%	Compliant
C-04-16	LKD	200	100%	100%	100%	Compliant
C-04-16	Bedroom 1	100	100%	100%	100%	Compliant
C-04-16	Bedroom 2	100	100%	100%	100%	Compliant
C-04-17	LKD	200	100%	100%	100%	Compliant
C-04-17	Bedroom 1	100	100%	100%	100%	Compliant
C-04-17	Bedroom 2	100	100%	100%	100%	Compliant
C-04-17	Bedroom 3	100	100%	100%	100%	Compliant
C-04-18	LKD	200	65%	65%	64%	Compliant
C-04-18	Bedroom 1	100	100%	100%	100%	Compliant
C-04-18	Bedroom 2	100	100%	100%	100%	Compliant
C-04-19	LKD	200	78%	78%	78%	Compliant
C-04-19	Bedroom	100	100%	100%	100%	Compliant
C-04-20	LKD	200	66%	66%	66%	Compliant
C-04-20	Bedroom 1	100	100%	100%	100%	Compliant
C-04-20	Bedroom 2	100	100%	100%	100%	Compliant
C-04-21	LKD	200	98%	97%	96%	Compliant
C-04-21	Bedroom 1	100	100%	100%	100%	Compliant
C-04-21	Bedroom 2	100	100%	100%	100%	Compliant
C-04-22	LKD	200	100%	100%	100%	Compliant
C-04-22	Bedroom 1	100	100%	100%	100%	Compliant
C-04-22	Bedroom 2	100	100%	100%	100%	Compliant
C-04-22	Bedroom 3	100	100%	100%	100%	Compliant
C-04-23	LKD	200	100%	100%	100%	Compliant
C-04-23	Bedroom	100	100%	100%	100%	Compliant
C-04-24	LKD	200	100%	100%	100%	Compliant
C-04-24	Bedroom 1	100	100%	100%	100%	Compliant
C-04-24	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.6 SDA Results: Block C - Fifth Floor

Table No. C.2.6 - SDA Results: Block C - Fifth Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
C-05-01	LKD	200	100%	100%	100%	Compliant
C-05-01	Bedroom	100	100%	100%	100%	Compliant
C-05-02	LKD	200	100%	100%	100%	Compliant
C-05-02	Bedroom	100	100%	100%	100%	Compliant
C-05-03	LKD	200	100%	100%	100%	Compliant
C-05-03	Bedroom 1	100	100%	100%	100%	Compliant
C-05-03	Bedroom 2	100	100%	100%	100%	Compliant
C-05-04	LKD	200	76%	76%	76%	Compliant
C-05-04	Bedroom 1	100	100%	100%	100%	Compliant
C-05-04	Bedroom 2	100	100%	100%	100%	Compliant
C-05-05	LKD	200	89%	89%	89%	Compliant
C-05-05	Bedroom	100	100%	100%	100%	Compliant
C-05-06	LKD	200	76%	76%	76%	Compliant
C-05-06	Bedroom 1	100	100%	100%	100%	Compliant
C-05-06	Bedroom 2	100	100%	100%	100%	Compliant
C-05-07	LKD	200	94%	94%	94%	Compliant
C-05-07	Bedroom 1	100	100%	100%	100%	Compliant
C-05-07	Bedroom 2	100	100%	100%	100%	Compliant
C-05-08	LKD	200	95%	95%	95%	Compliant
C-05-08	Bedroom	100	100%	100%	100%	Compliant
C-05-09	LKD	200	85%	85%	84%	Compliant
C-05-09	Bedroom 1	100	100%	100%	100%	Compliant
C-05-09	Bedroom 2	100	100%	100%	100%	Compliant
C-05-10	LKD	200	84%	84%	84%	Compliant
C-05-10	Bedroom 1	100	100%	100%	100%	Compliant
C-05-10	Bedroom 2	100	100%	100%	100%	Compliant
C-05-11	LKD	200	84%	84%	84%	Compliant
C-05-11	Bedroom 1	100	100%	100%	100%	Compliant
C-05-11	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.6 - SDA Results: Block C - Fifth Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
C-05-12	LKD	200	96%	96%	96%	Compliant
C-05-12	Bedroom 1	100	100%	100%	100%	Compliant
C-05-12	Bedroom 2	100	100%	100%	100%	Compliant
C-05-13	LKD	200	96%	95%	95%	Compliant
C-05-13	Bedroom 1	100	100%	100%	100%	Compliant
C-05-13	Bedroom 2	100	100%	100%	100%	Compliant
C-05-14	LKD	200	96%	96%	96%	Compliant
C-05-14	Bedroom 1	100	100%	100%	100%	Compliant
C-05-14	Bedroom 2	100	100%	100%	100%	Compliant
C-05-15	LKD	200	100%	100%	100%	Compliant
C-05-15	Bedroom	100	100%	100%	100%	Compliant
C-05-16	LKD	200	100%	100%	100%	Compliant
C-05-16	Bedroom 1	100	100%	100%	100%	Compliant
C-05-16	Bedroom 2	100	100%	100%	100%	Compliant
C-05-17	LKD	200	79%	79%	79%	Compliant
C-05-17	Bedroom 1	100	100%	100%	100%	Compliant
C-05-17	Bedroom 2	100	100%	100%	100%	Compliant
C-05-18	LKD	200	100%	100%	100%	Compliant
C-05-18	Bedroom	100	100%	100%	100%	Compliant
C-05-19	LKD	200	84%	84%	83%	Compliant
C-05-19	Bedroom 1	100	100%	100%	100%	Compliant
C-05-19	Bedroom 2	100	100%	100%	100%	Compliant
C-05-20	LKD	200	100%	100%	100%	Compliant
C-05-20	Bedroom 1	100	100%	100%	100%	Compliant
C-05-20	Bedroom 2	100	100%	100%	100%	Compliant
C-05-21	LKD	200	100%	100%	100%	Compliant
C-05-21	Bedroom	100	100%	100%	100%	Compliant
C-05-22	LKD	200	100%	100%	100%	Compliant
C-05-22	Bedroom	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.
** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.
For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.7 SDA Results: Block D - Ground Floor

Table No. C.2.7 - SDA Results: Block D - Ground Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
D-00-01	LKD	200	85%	70%	42%	Trees affecting Compliance (summer only)
D-00-01	Bedroom	100	100%	100%	100%	Compliant
D-00-02	LKD	200	72%	57%	42%	Trees affecting Compliance (summer only)
D-00-02	Bedroom	100	100%	100%	100%	Compliant
D-00-03	LKD	200	83%	79%	74%	Compliant
D-00-03	Bedroom 1	100	98%	64%	25%	Trees affecting Compliance (summer only)
D-00-03	Bedroom 2	100	96%	57%	25%	Trees affecting Compliance (summer only)
D-00-04	LKD	200	36%	29%	20%	Non-compliant
D-00-04	Bedroom 1	100	89%	56%	38%	Trees affecting Compliance (summer only)
D-00-04	Bedroom 2	100	80%	52%	27%	Trees affecting Compliance (summer only)
D-00-05	LKD	200	48%	38%	23%	Non-compliant
D-00-05	Bedroom	100	94%	69%	42%	Trees affecting Compliance (summer only)
D-00-06	LKD	200	57%	48%	36%	Trees affecting compliance
D-00-06	Bedroom	100	92%	51%	17%	Trees affecting Compliance (summer only)
D-00-07	LKD	200	100%	100%	100%	Compliant
D-00-07	Bedroom 1	100	100%	95%	70%	Compliant
D-00-07	Bedroom 2	100	100%	100%	100%	Compliant
D-00-07	Bedroom 3	100	100%	100%	100%	Compliant
D-00-08	LKD	200	100%	100%	95%	Compliant
D-00-08	Bedroom 1	100	100%	97%	66%	Compliant
D-00-08	Bedroom 2	100	100%	96%	50%	Compliant
D-00-09	LKD	200	41%	39%	37%	Non-compliant
D-00-09	Bedroom 1	100	100%	100%	95%	Compliant
D-00-09	Bedroom 2	100	97%	89%	82%	Compliant
D-00-10	LKD	200	37%	34%	28%	Non-compliant
D-00-10	Bedroom 1	100	73%	52%	39%	Trees affecting Compliance (summer only)
D-00-10	Bedroom 2	100	89%	87%	81%	Compliant
D-00-11	LKD	200	26%	17%	8%	Non-compliant
D-00-11	Bedroom 1	100	32%	28%	25%	Non-compliant
D-00-11	Bedroom 2	100	68%	39%	22%	Trees affecting compliance

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.7 - SDA Results: Block D - Ground Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
D-00-12	LKD	200	28%	19%	13%	Non-compliant
D-00-12	Bedroom 1	100	33%	30%	26%	Non-compliant
D-00-12	Bedroom 2	100	77%	44%	27%	Trees affecting compliance
D-00-13	LKD	200	38%	34%	29%	Non-compliant
D-00-13	Bedroom 1	100	89%	58%	40%	Trees affecting Compliance (summer only)
D-00-13	Bedroom 2	100	100%	97%	83%	Compliant
D-00-14	LKD	200	42%	37%	31%	Non-compliant
D-00-14	Bedroom 1	100	100%	100%	67%	Compliant
D-00-14	Bedroom 2	100	100%	96%	88%	Compliant
D-00-15	LKD	200	100%	100%	90%	Compliant
D-00-15	Bedroom 1	100	100%	99%	64%	Compliant
D-00-15	Bedroom 2	100	100%	100%	56%	Compliant
D-00-16	LKD	200	100%	100%	100%	Compliant
D-00-16	Bedroom 1	100	100%	98%	81%	Compliant
D-00-16	Bedroom 2	100	100%	100%	100%	Compliant
D-00-16	Bedroom 3	100	100%	100%	100%	Compliant
D-00-17	LKD	200	52%	39%	23%	Trees affecting compliance
D-00-17	Bedroom	100	90%	69%	51%	Compliant
D-00-18	LKD	200	43%	33%	20%	Non-compliant
D-00-18	Bedroom	100	96%	57%	29%	Trees affecting Compliance (summer only)
D-00-19	LKD	200	33%	28%	21%	Non-compliant
D-00-19	Bedroom 1	100	67%	55%	43%	Trees affecting Compliance (summer only)
D-00-19	Bedroom 2	100	63%	41%	18%	Trees affecting compliance
D-00-20	LKD	200	79%	70%	54%	Compliant
D-00-20	Bedroom 1	100	90%	44%	15%	Trees affecting compliance
D-00-20	Bedroom 2	100	75%	45%	19%	Trees affecting compliance
D-00-21	LKD	200	76%	57%	42%	Trees affecting Compliance (summer only)
D-00-21	Bedroom	100	100%	100%	100%	Compliant
D-00-22	LKD	200	86%	70%	42%	Trees affecting Compliance (summer only)
D-00-22	Bedroom	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.8 SDA Results: Block D - First Floor

Table No. C.2.8 - SDA Results: Block D - First Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
D-01-01	LKD	200	80%	68%	55%	Compliant
D-01-01	Bedroom 1	100	100%	100%	51%	Compliant
D-01-01	Bedroom 2	100	100%	100%	100%	Compliant
D-01-02	LKD	200	98%	96%	92%	Compliant
D-01-02	Bedroom	100	100%	100%	100%	Compliant
D-01-03	LKD	200	100%	98%	95%	Compliant
D-01-03	Bedroom 1	100	100%	100%	100%	Compliant
D-01-03	Bedroom 2	100	100%	100%	46%	Trees affecting Compliance (summer only)
D-01-03	Bedroom 3	100	100%	100%	100%	Compliant
D-01-04	LKD	200	83%	83%	81%	Compliant
D-01-04	Bedroom 1	100	100%	99%	97%	Compliant
D-01-04	Bedroom 2	100	100%	100%	77%	Compliant
D-01-05	LKD	200	39%	37%	34%	Non-compliant
D-01-05	Bedroom 1	100	100%	97%	75%	Compliant
D-01-05	Bedroom 2	100	100%	98%	75%	Compliant
D-01-06	LKD	200	54%	49%	43%	Trees affecting compliance
D-01-06	Bedroom	100	100%	100%	99%	Compliant
D-01-07	LKD	200	41%	37%	28%	Non-compliant
D-01-07	Bedroom 1	100	100%	100%	100%	Compliant
D-01-07	Bedroom 2	100	100%	100%	91%	Compliant
D-01-08	LKD	200	100%	100%	100%	Compliant
D-01-08	Bedroom 1	100	100%	100%	100%	Compliant
D-01-08	Bedroom 2	100	100%	100%	100%	Compliant
D-01-08	Bedroom 3	100	100%	100%	100%	Compliant
D-01-09	LKD	200	100%	100%	100%	Compliant
D-01-09	Bedroom 1	100	100%	100%	100%	Compliant
D-01-09	Bedroom 2	100	100%	100%	100%	Compliant
D-01-10	LKD	200	47%	47%	46%	Non-compliant
D-01-10	Bedroom 1	100	100%	100%	100%	Compliant
D-01-10	Bedroom 2	100	100%	100%	100%	Compliant
D-01-11	LKD	200	42%	42%	40%	Non-compliant
D-01-11	Bedroom 1	100	100%	100%	100%	Compliant
D-01-11	Bedroom 2	100	100%	100%	100%	Compliant
D-01-12	LKD	200	33%	29%	28%	Non-compliant
D-01-12	Bedroom 1	100	59%	51%	49%	Trees affecting Compliance (summer only)
D-01-12	Bedroom 2	100	100%	99%	86%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.8 - SDA Results: Block D - First Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
D-01-13	LKD	200	33%	29%	25%	Non-compliant
D-01-13	Bedroom 1	100	63%	51%	48%	Trees affecting Compliance (summer only)
D-01-13	Bedroom 2	100	100%	98%	75%	Compliant
D-01-14	LKD	200	41%	41%	41%	Non-compliant
D-01-14	Bedroom 1	100	100%	100%	100%	Compliant
D-01-14	Bedroom 2	100	100%	100%	100%	Compliant
D-01-15	LKD	200	48%	46%	44%	Non-compliant
D-01-15	Bedroom 1	100	100%	100%	100%	Compliant
D-01-15	Bedroom 2	100	100%	100%	100%	Compliant
D-01-16	LKD	200	100%	100%	100%	Compliant
D-01-16	Bedroom 1	100	100%	100%	100%	Compliant
D-01-16	Bedroom 2	100	100%	100%	100%	Compliant
D-01-17	LKD	200	100%	100%	100%	Compliant
D-01-17	Bedroom 1	100	100%	100%	99%	Compliant
D-01-17	Bedroom 2	100	100%	100%	100%	Compliant
D-01-17	Bedroom 3	100	100%	100%	100%	Compliant
D-01-18	LKD	200	42%	41%	39%	Non-compliant
D-01-18	Bedroom 1	100	100%	100%	100%	Compliant
D-01-18	Bedroom 2	100	99%	88%	64%	Compliant
D-01-19	LKD	200	47%	44%	40%	Non-compliant
D-01-19	Bedroom	100	100%	100%	97%	Compliant
D-01-20	LKD	200	37%	36%	33%	Non-compliant
D-01-20	Bedroom 1	100	100%	98%	89%	Compliant
D-01-20	Bedroom 2	100	96%	69%	45%	Trees affecting Compliance (summer only)
D-01-21	LKD	200	81%	79%	77%	Compliant
D-01-21	Bedroom 1	100	99%	97%	72%	Compliant
D-01-21	Bedroom 2	100	99%	82%	60%	Compliant
D-01-22	LKD	200	100%	92%	88%	Compliant
D-01-22	Bedroom 1	100	100%	100%	100%	Compliant
D-01-22	Bedroom 2	100	100%	100%	88%	Compliant
D-01-22	Bedroom 3	100	100%	100%	100%	Compliant
D-01-23	LKD	200	98%	98%	93%	Compliant
D-01-23	Bedroom	100	100%	100%	100%	Compliant
D-01-24	LKD	200	81%	64%	55%	Compliant
D-01-24	Bedroom 1	100	100%	100%	95%	Compliant
D-01-24	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.9 SDA Results: Block D - Second Floor

Table No. C.2.9 - SDA Results: Block D - Second Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
D-02-01	LKD	200	94%	92%	89%	Compliant
D-02-01	Bedroom 1	100	100%	100%	100%	Compliant
D-02-01	Bedroom 2	100	100%	100%	100%	Compliant
D-02-02	LKD	200	99%	99%	99%	Compliant
D-02-02	Bedroom	100	100%	100%	100%	Compliant
D-02-03	LKD	200	100%	100%	100%	Compliant
D-02-03	Bedroom 1	100	100%	100%	100%	Compliant
D-02-03	Bedroom 2	100	100%	100%	100%	Compliant
D-02-03	Bedroom 3	100	100%	100%	100%	Compliant
D-02-04	LKD	200	85%	85%	84%	Compliant
D-02-04	Bedroom 1	100	100%	100%	100%	Compliant
D-02-04	Bedroom 2	100	100%	100%	100%	Compliant
D-02-05	LKD	200	42%	42%	42%	Non-compliant
D-02-05	Bedroom 1	100	100%	100%	100%	Compliant
D-02-05	Bedroom 2	100	100%	100%	100%	Compliant
D-02-06	LKD	200	57%	57%	57%	Compliant
D-02-06	Bedroom	100	100%	100%	100%	Compliant
D-02-07	LKD	200	46%	46%	45%	Non-compliant
D-02-07	Bedroom 1	100	100%	100%	100%	Compliant
D-02-07	Bedroom 2	100	100%	100%	100%	Compliant
D-02-08	LKD	200	100%	100%	100%	Compliant
D-02-08	Bedroom 1	100	100%	100%	100%	Compliant
D-02-08	Bedroom 2	100	100%	100%	100%	Compliant
D-02-08	Bedroom 3	100	100%	100%	100%	Compliant
D-02-09	LKD	200	100%	100%	100%	Compliant
D-02-09	Bedroom 1	100	100%	100%	100%	Compliant
D-02-09	Bedroom 2	100	100%	100%	100%	Compliant
D-02-10	LKD	200	51%	51%	50%	Compliant
D-02-10	Bedroom 1	100	100%	100%	100%	Compliant
D-02-10	Bedroom 2	100	100%	100%	100%	Compliant
D-02-11	LKD	200	47%	47%	47%	Non-compliant
D-02-11	Bedroom 1	100	100%	100%	100%	Compliant
D-02-11	Bedroom 2	100	100%	100%	100%	Compliant
D-02-12	LKD	200	39%	39%	38%	Non-compliant
D-02-12	Bedroom 1	100	85%	83%	76%	Compliant
D-02-12	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.9 - SDA Results: Block D - Second Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
D-02-13	LKD	200	40%	40%	38%	Non-compliant
D-02-13	Bedroom 1	100	86%	83%	80%	Compliant
D-02-13	Bedroom 2	100	100%	100%	100%	Compliant
D-02-14	LKD	200	47%	47%	47%	Non-compliant
D-02-14	Bedroom 1	100	100%	100%	100%	Compliant
D-02-14	Bedroom 2	100	100%	100%	100%	Compliant
D-02-15	LKD	200	53%	52%	52%	Compliant
D-02-15	Bedroom 1	100	100%	100%	100%	Compliant
D-02-15	Bedroom 2	100	100%	100%	100%	Compliant
D-02-16	LKD	200	100%	100%	100%	Compliant
D-02-16	Bedroom 1	100	100%	100%	100%	Compliant
D-02-16	Bedroom 2	100	100%	100%	100%	Compliant
D-02-17	LKD	200	100%	100%	100%	Compliant
D-02-17	Bedroom 1	100	100%	100%	100%	Compliant
D-02-17	Bedroom 2	100	100%	100%	100%	Compliant
D-02-17	Bedroom 3	100	100%	100%	100%	Compliant
D-02-18	LKD	200	47%	46%	45%	Non-compliant
D-02-18	Bedroom 1	100	100%	100%	100%	Compliant
D-02-18	Bedroom 2	100	100%	100%	100%	Compliant
D-02-19	LKD	200	52%	52%	51%	Compliant
D-02-19	Bedroom	100	100%	100%	100%	Compliant
D-02-20	LKD	200	42%	42%	39%	Non-compliant
D-02-20	Bedroom 1	100	100%	100%	100%	Compliant
D-02-20	Bedroom 2	100	100%	100%	100%	Compliant
D-02-21	LKD	200	83%	83%	82%	Compliant
D-02-21	Bedroom 1	100	100%	100%	100%	Compliant
D-02-21	Bedroom 2	100	100%	100%	100%	Compliant
D-02-22	LKD	200	100%	100%	100%	Compliant
D-02-22	Bedroom 1	100	100%	100%	100%	Compliant
D-02-22	Bedroom 2	100	100%	100%	100%	Compliant
D-02-22	Bedroom 3	100	100%	100%	100%	Compliant
D-02-23	LKD	200	99%	99%	99%	Compliant
D-02-23	Bedroom	100	100%	100%	100%	Compliant
D-02-24	LKD	200	94%	94%	90%	Compliant
D-02-24	Bedroom 1	100	100%	100%	100%	Compliant
D-02-24	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.10 SDA Results: Block D - Third Floor

Table No. C.2.10 - SDA Results: Block D - Third Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
D-03-01	LKD	200	99%	99%	99%	Compliant
D-03-01	Bedroom 1	100	100%	100%	100%	Compliant
D-03-01	Bedroom 2	100	100%	100%	100%	Compliant
D-03-02	LKD	200	100%	100%	100%	Compliant
D-03-02	Bedroom	100	100%	100%	100%	Compliant
D-03-03	LKD	200	100%	100%	100%	Compliant
D-03-03	Bedroom 1	100	100%	100%	100%	Compliant
D-03-03	Bedroom 2	100	100%	100%	100%	Compliant
D-03-03	Bedroom 3	100	100%	100%	100%	Compliant
D-03-04	LKD	200	87%	86%	86%	Compliant
D-03-04	Bedroom 1	100	100%	100%	100%	Compliant
D-03-04	Bedroom 2	100	100%	100%	100%	Compliant
D-03-05	LKD	200	48%	48%	48%	Non-compliant
D-03-05	Bedroom 1	100	100%	100%	100%	Compliant
D-03-05	Bedroom 2	100	100%	100%	100%	Compliant
D-03-06	LKD	200	64%	64%	63%	Compliant
D-03-06	Bedroom	100	100%	100%	100%	Compliant
D-03-07	LKD	200	51%	51%	50%	Compliant
D-03-07	Bedroom 1	100	100%	100%	100%	Compliant
D-03-07	Bedroom 2	100	100%	100%	100%	Compliant
D-03-08	LKD	200	100%	100%	100%	Compliant
D-03-08	Bedroom 1	100	100%	100%	100%	Compliant
D-03-08	Bedroom 2	100	100%	100%	100%	Compliant
D-03-08	Bedroom 3	100	100%	100%	100%	Compliant
D-03-09	LKD	200	100%	100%	100%	Compliant
D-03-09	Bedroom 1	100	100%	100%	100%	Compliant
D-03-09	Bedroom 2	100	100%	100%	100%	Compliant
D-03-10	LKD	200	57%	57%	57%	Compliant
D-03-10	Bedroom 1	100	100%	100%	100%	Compliant
D-03-10	Bedroom 2	100	100%	100%	100%	Compliant
D-03-11	LKD	200	55%	54%	53%	Compliant
D-03-11	Bedroom 1	100	100%	100%	100%	Compliant
D-03-11	Bedroom 2	100	100%	100%	100%	Compliant
D-03-12	LKD	200	50%	50%	50%	Compliant
D-03-12	Bedroom 1	100	100%	100%	100%	Compliant
D-03-12	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.
** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.
For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.10 - SDA Results: Block D - Third Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
D-03-13	LKD	200	50%	50%	50%	Compliant
D-03-13	Bedroom 1	100	100%	100%	100%	Compliant
D-03-13	Bedroom 2	100	100%	100%	100%	Compliant
D-03-14	LKD	200	56%	56%	55%	Compliant
D-03-14	Bedroom 1	100	100%	100%	100%	Compliant
D-03-14	Bedroom 2	100	100%	100%	100%	Compliant
D-03-15	LKD	200	58%	58%	58%	Compliant
D-03-15	Bedroom 1	100	100%	100%	100%	Compliant
D-03-15	Bedroom 2	100	100%	100%	100%	Compliant
D-03-16	LKD	200	100%	100%	100%	Compliant
D-03-16	Bedroom 1	100	100%	100%	100%	Compliant
D-03-16	Bedroom 2	100	100%	100%	100%	Compliant
D-03-17	LKD	200	100%	100%	100%	Compliant
D-03-17	Bedroom 1	100	100%	100%	100%	Compliant
D-03-17	Bedroom 2	100	100%	100%	100%	Compliant
D-03-17	Bedroom 3	100	100%	100%	100%	Compliant
D-03-18	LKD	200	52%	51%	51%	Compliant
D-03-18	Bedroom 1	100	100%	100%	100%	Compliant
D-03-18	Bedroom 2	100	100%	100%	100%	Compliant
D-03-19	LKD	200	59%	59%	58%	Compliant
D-03-19	Bedroom	100	100%	100%	100%	Compliant
D-03-20	LKD	200	46%	46%	46%	Non-compliant
D-03-20	Bedroom 1	100	100%	100%	100%	Compliant
D-03-20	Bedroom 2	100	100%	100%	100%	Compliant
D-03-21	LKD	200	85%	85%	85%	Compliant
D-03-21	Bedroom 1	100	100%	100%	100%	Compliant
D-03-21	Bedroom 2	100	100%	100%	100%	Compliant
D-03-22	LKD	200	100%	100%	100%	Compliant
D-03-22	Bedroom 1	100	100%	100%	100%	Compliant
D-03-22	Bedroom 2	100	100%	100%	100%	Compliant
D-03-22	Bedroom 3	100	100%	100%	100%	Compliant
D-03-23	LKD	200	100%	100%	100%	Compliant
D-03-23	Bedroom	100	100%	100%	100%	Compliant
D-03-24	LKD	200	100%	99%	99%	Compliant
D-03-24	Bedroom 1	100	100%	100%	100%	Compliant
D-03-24	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.11 SDA Results: Block D - Fourth Floor

Table No. C.2.11 - SDA Results: Block D - Fourth Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
D-04-01	LKD	200	100%	100%	100%	Compliant
D-04-01	Bedroom 1	100	100%	100%	100%	Compliant
D-04-01	Bedroom 2	100	100%	100%	100%	Compliant
D-04-02	LKD	200	100%	100%	100%	Compliant
D-04-02	Bedroom	100	100%	100%	100%	Compliant
D-04-03	LKD	200	100%	100%	100%	Compliant
D-04-03	Bedroom 1	100	100%	100%	100%	Compliant
D-04-03	Bedroom 2	100	100%	100%	100%	Compliant
D-04-03	Bedroom 3	100	100%	100%	100%	Compliant
D-04-04	LKD	200	90%	90%	90%	Compliant
D-04-04	Bedroom 1	100	100%	100%	100%	Compliant
D-04-04	Bedroom 2	100	100%	100%	100%	Compliant
D-04-05	LKD	200	59%	58%	58%	Compliant
D-04-05	Bedroom 1	100	100%	100%	100%	Compliant
D-04-05	Bedroom 2	100	100%	100%	100%	Compliant
D-04-06	LKD	200	72%	72%	72%	Compliant
D-04-06	Bedroom	100	100%	100%	100%	Compliant
D-04-07	LKD	200	61%	61%	61%	Compliant
D-04-07	Bedroom 1	100	100%	100%	100%	Compliant
D-04-07	Bedroom 2	100	100%	100%	100%	Compliant
D-04-08	LKD	200	100%	100%	100%	Compliant
D-04-08	Bedroom 1	100	100%	100%	100%	Compliant
D-04-08	Bedroom 2	100	100%	100%	100%	Compliant
D-04-08	Bedroom 3	100	100%	100%	100%	Compliant
D-04-09	LKD	200	100%	100%	100%	Compliant
D-04-09	Bedroom 1	100	100%	100%	100%	Compliant
D-04-09	Bedroom 2	100	100%	100%	100%	Compliant
D-04-10	LKD	200	66%	66%	65%	Compliant
D-04-10	Bedroom 1	100	100%	100%	100%	Compliant
D-04-10	Bedroom 2	100	100%	100%	100%	Compliant
D-04-11	LKD	200	63%	62%	62%	Compliant
D-04-11	Bedroom 1	100	100%	100%	100%	Compliant
D-04-11	Bedroom 2	100	100%	100%	100%	Compliant
D-04-12	LKD	200	61%	61%	61%	Compliant
D-04-12	Bedroom 1	100	100%	100%	100%	Compliant
D-04-12	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.
** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.
For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.11 - SDA Results: Block D - Fourth Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
D-04-13	LKD	200	62%	62%	62%	Compliant
D-04-13	Bedroom 1	100	100%	100%	100%	Compliant
D-04-13	Bedroom 2	100	100%	100%	100%	Compliant
D-04-14	LKD	200	65%	65%	65%	Compliant
D-04-14	Bedroom 1	100	100%	100%	100%	Compliant
D-04-14	Bedroom 2	100	100%	100%	100%	Compliant
D-04-15	LKD	200	68%	68%	67%	Compliant
D-04-15	Bedroom 1	100	100%	100%	100%	Compliant
D-04-15	Bedroom 2	100	100%	100%	100%	Compliant
D-04-16	LKD	200	100%	100%	100%	Compliant
D-04-16	Bedroom 1	100	100%	100%	100%	Compliant
D-04-16	Bedroom 2	100	100%	100%	100%	Compliant
D-04-17	LKD	200	100%	100%	100%	Compliant
D-04-17	Bedroom 1	100	100%	100%	100%	Compliant
D-04-17	Bedroom 2	100	100%	100%	100%	Compliant
D-04-17	Bedroom 3	100	100%	100%	100%	Compliant
D-04-18	LKD	200	58%	58%	58%	Compliant
D-04-18	Bedroom 1	100	100%	100%	100%	Compliant
D-04-18	Bedroom 2	100	100%	100%	100%	Compliant
D-04-19	LKD	200	69%	69%	69%	Compliant
D-04-19	Bedroom	100	100%	100%	100%	Compliant
D-04-20	LKD	200	57%	57%	57%	Compliant
D-04-20	Bedroom 1	100	100%	100%	100%	Compliant
D-04-20	Bedroom 2	100	100%	100%	100%	Compliant
D-04-21	LKD	200	89%	89%	89%	Compliant
D-04-21	Bedroom 1	100	100%	100%	100%	Compliant
D-04-21	Bedroom 2	100	100%	100%	100%	Compliant
D-04-22	LKD	200	100%	100%	100%	Compliant
D-04-22	Bedroom 1	100	100%	100%	100%	Compliant
D-04-22	Bedroom 2	100	100%	100%	100%	Compliant
D-04-22	Bedroom 3	100	100%	100%	100%	Compliant
D-04-23	LKD	200	100%	100%	100%	Compliant
D-04-23	Bedroom	100	100%	100%	100%	Compliant
D-04-24	LKD	200	100%	100%	100%	Compliant
D-04-24	Bedroom 1	100	100%	100%	100%	Compliant
D-04-24	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.12 SDA Results: Block D - Fifth Floor

Table No. C.2.12 - SDA Results: Block D - Fifth Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
D-05-01	LKD	200	100%	100%	100%	Compliant
D-05-01	Bedroom	100	100%	100%	100%	Compliant
D-05-02	LKD	200	100%	100%	100%	Compliant
D-05-02	Bedroom	100	100%	100%	100%	Compliant
D-05-03	LKD	200	100%	100%	100%	Compliant
D-05-03	Bedroom 1	100	100%	100%	100%	Compliant
D-05-03	Bedroom 2	100	100%	100%	100%	Compliant
D-05-04	LKD	200	76%	76%	76%	Compliant
D-05-04	Bedroom 1	100	100%	100%	100%	Compliant
D-05-04	Bedroom 2	100	100%	100%	100%	Compliant
D-05-05	LKD	200	89%	89%	89%	Compliant
D-05-05	Bedroom	100	100%	100%	100%	Compliant
D-05-06	LKD	200	76%	76%	76%	Compliant
D-05-06	Bedroom 1	100	100%	100%	100%	Compliant
D-05-06	Bedroom 2	100	100%	100%	100%	Compliant
D-05-07	LKD	200	100%	100%	100%	Compliant
D-05-07	Bedroom 1	100	100%	100%	100%	Compliant
D-05-07	Bedroom 2	100	100%	100%	100%	Compliant
D-05-08	LKD	200	100%	100%	100%	Compliant
D-05-08	Bedroom 1	100	100%	100%	100%	Compliant
D-05-09	LKD	200	92%	92%	92%	Compliant
D-05-09	Bedroom 1	100	100%	100%	100%	Compliant
D-05-09	Bedroom 2	100	100%	100%	100%	Compliant
D-05-10	LKD	200	89%	89%	89%	Compliant
D-05-10	Bedroom 1	100	100%	100%	100%	Compliant
D-05-10	Bedroom 2	100	100%	100%	100%	Compliant
D-05-11	LKD	200	90%	89%	89%	Compliant
D-05-11	Bedroom 1	100	100%	100%	100%	Compliant
D-05-11	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.12 - SDA Results: Block D - Fifth Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
D-05-12	LKD	200	94%	94%	94%	Compliant
D-05-12	Bedroom 1	100	100%	100%	100%	Compliant
D-05-12	Bedroom 2	100	100%	100%	100%	Compliant
D-05-13	LKD	200	95%	95%	94%	Compliant
D-05-13	Bedroom 1	100	100%	100%	100%	Compliant
D-05-13	Bedroom 2	100	100%	100%	100%	Compliant
D-05-14	LKD	200	96%	96%	96%	Compliant
D-05-14	Bedroom 1	100	100%	100%	100%	Compliant
D-05-14	Bedroom 2	100	100%	100%	100%	Compliant
D-05-15	LKD	200	100%	100%	100%	Compliant
D-05-15	Bedroom	100	100%	100%	100%	Compliant
D-05-16	LKD	200	100%	100%	100%	Compliant
D-05-16	Bedroom 1	100	100%	100%	100%	Compliant
D-05-16	Bedroom 2	100	100%	100%	100%	Compliant
D-05-17	LKD	200	75%	74%	74%	Compliant
D-05-17	Bedroom 1	100	100%	100%	100%	Compliant
D-05-17	Bedroom 2	100	100%	100%	100%	Compliant
D-05-18	LKD	200	85%	85%	85%	Compliant
D-05-18	Bedroom	100	100%	100%	100%	Compliant
D-05-19	LKD	200	74%	74%	74%	Compliant
D-05-19	Bedroom 1	100	100%	100%	100%	Compliant
D-05-19	Bedroom 2	100	100%	100%	100%	Compliant
D-05-20	LKD	200	100%	100%	100%	Compliant
D-05-20	Bedroom 1	100	100%	100%	100%	Compliant
D-05-20	Bedroom 2	100	100%	100%	100%	Compliant
D-05-21	LKD	200	100%	100%	100%	Compliant
D-05-21	Bedroom	100	100%	100%	100%	Compliant
D-05-22	LKD	200	100%	100%	100%	Compliant
D-05-22	Bedroom	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.
** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.
For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.13 SDA Results: Block E - Ground Floor

Table No. C.2.13 - SDA Results: Block E - Ground Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
E-00-01	LKD	200	100%	95%	85%	Compliant
E-00-01	Bedroom 1	100	100%	100%	100%	Compliant
E-00-01	Bedroom 2	100	100%	100%	100%	Compliant
E-00-02	LKD	200	97%	75%	61%	Compliant
E-00-02	Bedroom	100	100%	100%	100%	Compliant
E-00-03	LKD	200	75%	61%	51%	Compliant
E-00-03	Bedroom 1	100	100%	100%	16%	Trees affecting Compliance (summer only)
E-00-03	Bedroom 2	100	100%	100%	100%	Compliant
E-00-04	LKD	200	100%	100%	100%	Compliant
E-00-04	Bedroom 1	100	100%	100%	89%	Compliant
E-00-04	Bedroom 2	100	100%	100%	100%	Compliant
E-00-04	Bedroom 3	100	100%	100%	100%	Compliant
E-00-05	LKD	200	100%	100%	100%	Compliant
E-00-05	Bedroom 1	100	100%	100%	100%	Compliant
E-00-05	Bedroom 2	100	100%	100%	100%	Compliant
E-00-06	LKD	200	65%	63%	60%	Compliant
E-00-06	Bedroom	100	100%	100%	100%	Compliant
E-00-07	LKD	200	45%	40%	34%	Non-compliant
E-00-07	Bedroom 1	100	100%	99%	53%	Compliant
E-00-07	Bedroom 2	100	27%	23%	19%	Non-compliant
E-00-08	LKD	200	47%	35%	23%	Non-compliant
E-00-08	Bedroom 1	100	100%	70%	43%	Trees affecting Compliance (summer only)
E-00-08	Bedroom 2	100	100%	68%	27%	Trees affecting Compliance (summer only)
E-00-09	LKD	200	34%	21%	7%	Non-compliant
E-00-09	Bedroom 1	100	50%	39%	28%	Trees affecting compliance
E-00-09	Bedroom 2	100	92%	54%	27%	Trees affecting Compliance (summer only)
E-00-10	LKD	200	57%	50%	42%	Trees affecting Compliance (summer only)
E-00-10	Bedroom	100	100%	100%	90%	Compliant
E-00-11	LKD	200	51%	46%	40%	Trees affecting compliance
E-00-11	Bedroom 1	100	100%	99%	56%	Compliant
E-00-11	Bedroom 2	100	100%	100%	100%	Compliant
E-00-12	LKD	200	100%	100%	100%	Compliant
E-00-12	Bedroom 1	100	100%	100%	93%	Compliant
E-00-12	Bedroom 2	100	100%	100%	100%	Compliant
E-00-13	LKD	200	100%	100%	99%	Compliant
E-00-13	Bedroom 1	100	100%	96%	81%	Compliant
E-00-13	Bedroom 2	100	100%	100%	100%	Compliant
E-00-13	Bedroom 3	100	100%	100%	100%	Compliant
E-00-14	LKD	200	49%	41%	30%	Non-compliant
E-00-14	Bedroom	100	92%	68%	47%	Trees affecting Compliance (summer only)

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.13 - SDA Results: Block E - Ground Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
E-00-15	LKD	200	49%	43%	32%	Non-compliant
E-00-15	Bedroom	100	90%	72%	52%	Compliant
E-00-16	LKD	200	47%	40%	32%	Non-compliant
E-00-16	Bedroom	100	97%	61%	42%	Trees affecting Compliance (summer only)
E-00-17	LKD	200	79%	71%	61%	Compliant
E-00-17	Bedroom 1	100	92%	72%	52%	Compliant
E-00-17	Bedroom 2	100	73%	57%	45%	Trees affecting Compliance (summer only)
E-00-18	LKD	200	93%	86%	74%	Compliant
E-00-18	Bedroom 1	100	100%	100%	100%	Compliant
E-00-18	Bedroom 2	100	100%	100%	100%	Compliant
E-00-19	LKD	200	100%	99%	95%	Compliant
E-00-19	Bedroom	100	100%	100%	100%	Compliant
E-00-20	LKD	200	94%	84%	58%	Compliant
E-00-20	Bedroom 1	100	100%	100%	97%	Compliant
E-00-20	Bedroom 2	100	100%	100%	100%	Compliant

C.2.14 SDA Results: Block E - First Floor

Table No. C.2.14 - SDA Results: Block E - First Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
E-01-01	LKD	200	100%	100%	94%	Compliant
E-01-01	Bedroom 1	100	100%	100%	100%	Compliant
E-01-01	Bedroom 2	100	100%	100%	100%	Compliant
E-01-02	LKD	200	95%	81%	73%	Compliant
E-01-02	Bedroom	100	100%	100%	100%	Compliant
E-01-03	LKD	200	73%	66%	61%	Compliant
E-01-03	Bedroom 1	100	100%	100%	100%	Compliant
E-01-03	Bedroom 2	100	100%	100%	100%	Compliant
E-01-04	LKD	200	100%	100%	100%	Compliant
E-01-04	Bedroom 1	100	100%	100%	100%	Compliant
E-01-04	Bedroom 2	100	100%	100%	100%	Compliant
E-01-04	Bedroom 3	100	100%	100%	100%	Compliant
E-01-05	LKD	200	100%	100%	100%	Compliant
E-01-05	Bedroom 1	100	100%	100%	100%	Compliant
E-01-05	Bedroom 2	100	100%	100%	100%	Compliant
E-01-06	LKD	200	68%	67%	67%	Compliant
E-01-06	Bedroom	100	100%	100%	100%	Compliant
E-01-07	LKD	200	55%	53%	48%	Trees affecting Compliance (summer only)
E-01-07	Bedroom 1	100	100%	100%	100%	Compliant
E-01-07	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.14 - SDA Results: Block E - First Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
E-01-08	LKD	200	52%	49%	45%	Trees affecting compliance
E-01-08	Bedroom 1	100	100%	100%	100%	Compliant
E-01-08	Bedroom 2	100	100%	100%	100%	Compliant
E-01-09	LKD	200	40%	33%	24%	Non-compliant
E-01-09	Bedroom 1	100	95%	85%	70%	Compliant
E-01-09	Bedroom 2	100	100%	99%	66%	Compliant
E-01-10	LKD	200	62%	60%	57%	Compliant
E-01-10	Bedroom	100	100%	100%	100%	Compliant
E-01-11	LKD	200	56%	54%	52%	Compliant
E-01-11	Bedroom 1	100	100%	100%	100%	Compliant
E-01-11	Bedroom 2	100	100%	100%	100%	Compliant
E-01-12	LKD	200	100%	100%	100%	Compliant
E-01-12	Bedroom 1	100	100%	100%	100%	Compliant
E-01-12	Bedroom 2	100	100%	100%	100%	Compliant
E-01-13	LKD	200	100%	100%	100%	Compliant
E-01-13	Bedroom 1	100	100%	100%	99%	Compliant
E-01-13	Bedroom 2	100	100%	100%	100%	Compliant
E-01-13	Bedroom 3	100	100%	100%	100%	Compliant
E-01-14	LKD	200	43%	41%	38%	Non-compliant
E-01-14	Bedroom 1	100	100%	100%	100%	Compliant
E-01-14	Bedroom 2	100	100%	99%	84%	Compliant
E-01-15	LKD	200	54%	51%	48%	Trees affecting Compliance (summer only)
E-01-15	Bedroom	100	100%	100%	100%	Compliant
E-01-16	LKD	200	53%	50%	47%	Trees affecting Compliance (summer only)
E-01-16	Bedroom	100	100%	100%	100%	Compliant
E-01-17	LKD	200	80%	79%	76%	Compliant
E-01-17	Bedroom 1	100	100%	99%	97%	Compliant
E-01-17	Bedroom 2	100	99%	98%	86%	Compliant
E-01-18	LKD	200	100%	98%	94%	Compliant
E-01-18	Bedroom 1	100	100%	100%	100%	Compliant
E-01-18	Bedroom 2	100	100%	100%	100%	Compliant
E-01-18	Bedroom 3	100	100%	100%	100%	Compliant
E-01-19	LKD	200	100%	100%	99%	Compliant
E-01-19	Bedroom	100	100%	100%	100%	Compliant
E-01-20	LKD	200	100%	100%	100%	Compliant
E-01-20	Bedroom	100	100%	100%	100%	Compliant
E-01-21	LKD	200	95%	92%	87%	Compliant
E-01-21	Bedroom 1	100	100%	100%	100%	Compliant
E-01-21	Bedroom 2	100	100%	100%	100%	Compliant
E-01-22	LKD	200	100%	100%	100%	Compliant
E-01-22	Bedroom	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.15 SDA Results: Block E - Second Floor

Table No. C.2.15 - SDA Results: Block E - Second Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
E-02-01	LKD	200	100%	100%	100%	Compliant
E-02-01	Bedroom 1	100	100%	100%	100%	Compliant
E-02-01	Bedroom 2	100	100%	100%	100%	Compliant
E-02-02	LKD	200	100%	100%	100%	Compliant
E-02-02	Bedroom	100	100%	100%	100%	Compliant
E-02-03	LKD	200	80%	79%	77%	Compliant
E-02-03	Bedroom 1	100	100%	100%	100%	Compliant
E-02-03	Bedroom 2	100	100%	100%	100%	Compliant
E-02-04	LKD	200	100%	100%	100%	Compliant
E-02-04	Bedroom 1	100	100%	100%	100%	Compliant
E-02-04	Bedroom 2	100	100%	100%	100%	Compliant
E-02-04	Bedroom 3	100	100%	100%	100%	Compliant
E-02-05	LKD	200	100%	100%	100%	Compliant
E-02-05	Bedroom 1	100	100%	100%	100%	Compliant
E-02-05	Bedroom 2	100	100%	100%	100%	Compliant
E-02-06	LKD	200	68%	68%	68%	Compliant
E-02-06	Bedroom	100	100%	100%	100%	Compliant
E-02-07	LKD	200	59%	59%	57%	Compliant
E-02-07	Bedroom 1	100	100%	100%	100%	Compliant
E-02-07	Bedroom 2	100	100%	100%	100%	Compliant
E-02-08	LKD	200	56%	55%	54%	Compliant
E-02-08	Bedroom 1	100	100%	100%	100%	Compliant
E-02-08	Bedroom 2	100	100%	100%	100%	Compliant
E-02-09	LKD	200	47%	46%	45%	Non-compliant
E-02-09	Bedroom 1	100	100%	100%	100%	Compliant
E-02-09	Bedroom 2	100	100%	100%	100%	Compliant
E-02-10	LKD	200	67%	66%	66%	Compliant
E-02-10	Bedroom	100	100%	100%	100%	Compliant
E-02-11	LKD	200	58%	58%	57%	Compliant
E-02-11	Bedroom 1	100	100%	100%	100%	Compliant
E-02-11	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.15 - SDA Results: Block E - Second Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
E-02-12	LKD	200	100%	100%	100%	Compliant
E-02-12	Bedroom 1	100	100%	100%	100%	Compliant
E-02-12	Bedroom 2	100	100%	100%	100%	Compliant
E-02-13	LKD	200	100%	100%	100%	Compliant
E-02-13	Bedroom 1	100	100%	100%	100%	Compliant
E-02-13	Bedroom 2	100	100%	100%	100%	Compliant
E-02-13	Bedroom 3	100	100%	100%	100%	Compliant
E-02-14	LKD	200	46%	46%	45%	Non-compliant
E-02-14	Bedroom 1	100	100%	100%	100%	Compliant
E-02-14	Bedroom 2	100	100%	100%	100%	Compliant
E-02-15	LKD	200	57%	57%	56%	Compliant
E-02-15	Bedroom	100	100%	100%	100%	Compliant
E-02-16	LKD	200	57%	56%	55%	Compliant
E-02-16	Bedroom	100	100%	100%	100%	Compliant
E-02-17	LKD	200	82%	81%	81%	Compliant
E-02-17	Bedroom 1	100	100%	100%	100%	Compliant
E-02-17	Bedroom 2	100	100%	100%	100%	Compliant
E-02-18	LKD	200	100%	100%	100%	Compliant
E-02-18	Bedroom 1	100	100%	100%	100%	Compliant
E-02-18	Bedroom 2	100	100%	100%	100%	Compliant
E-02-18	Bedroom 3	100	100%	100%	100%	Compliant
E-02-19	LKD	200	100%	100%	100%	Compliant
E-02-19	Bedroom	100	100%	100%	100%	Compliant
E-02-20	LKD	200	100%	100%	100%	Compliant
E-02-20	Bedroom	100	100%	100%	100%	Compliant
E-02-21	LKD	200	97%	97%	97%	Compliant
E-02-21	Bedroom 1	100	100%	100%	100%	Compliant
E-02-21	Bedroom 2	100	100%	100%	100%	Compliant
E-02-22	LKD	200	100%	100%	100%	Compliant
E-02-22	Bedroom	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.16 SDA Results: Block E - Third Floor

Table No. C.2.16 - SDA Results: Block E - Third Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
E-03-01	LKD	200	100%	100%	100%	Compliant
E-03-01	Bedroom 1	100	100%	100%	100%	Compliant
E-03-01	Bedroom 2	100	100%	100%	100%	Compliant
E-03-02	LKD	200	100%	100%	100%	Compliant
E-03-02	Bedroom	100	100%	100%	100%	Compliant
E-03-03	LKD	200	81%	80%	80%	Compliant
E-03-03	Bedroom 1	100	100%	100%	100%	Compliant
E-03-03	Bedroom 2	100	100%	100%	100%	Compliant
E-03-04	LKD	200	100%	100%	100%	Compliant
E-03-04	Bedroom 1	100	100%	100%	100%	Compliant
E-03-04	Bedroom 2	100	100%	100%	100%	Compliant
E-03-04	Bedroom 3	100	100%	100%	100%	Compliant
E-03-05	LKD	200	100%	100%	100%	Compliant
E-03-05	Bedroom 1	100	100%	100%	100%	Compliant
E-03-05	Bedroom 2	100	100%	100%	100%	Compliant
E-03-06	LKD	200	69%	69%	69%	Compliant
E-03-06	Bedroom	100	100%	100%	100%	Compliant
E-03-07	LKD	200	65%	65%	65%	Compliant
E-03-07	Bedroom 1	100	100%	100%	100%	Compliant
E-03-07	Bedroom 2	100	100%	100%	100%	Compliant
E-03-08	LKD	200	63%	62%	62%	Compliant
E-03-08	Bedroom 1	100	100%	100%	100%	Compliant
E-03-08	Bedroom 2	100	100%	100%	100%	Compliant
E-03-09	LKD	200	55%	55%	55%	Compliant
E-03-09	Bedroom 1	100	100%	100%	100%	Compliant
E-03-09	Bedroom 2	100	100%	100%	100%	Compliant
E-03-10	LKD	200	74%	74%	74%	Compliant
E-03-10	Bedroom	100	100%	100%	100%	Compliant
E-03-11	LKD	200	65%	65%	64%	Compliant
E-03-11	Bedroom 1	100	100%	100%	100%	Compliant
E-03-11	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.16 - SDA Results: Block E - Third Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
E-03-12	LKD	200	100%	100%	100%	Compliant
E-03-12	Bedroom 1	100	100%	100%	100%	Compliant
E-03-12	Bedroom 2	100	100%	100%	100%	Compliant
E-03-13	LKD	200	100%	100%	100%	Compliant
E-03-13	Bedroom 1	100	100%	100%	100%	Compliant
E-03-13	Bedroom 2	100	100%	100%	100%	Compliant
E-03-13	Bedroom 3	100	100%	100%	100%	Compliant
E-03-14	LKD	200	52%	51%	51%	Compliant
E-03-14	Bedroom 1	100	100%	100%	100%	Compliant
E-03-14	Bedroom 2	100	100%	100%	100%	Compliant
E-03-15	LKD	200	63%	63%	62%	Compliant
E-03-15	Bedroom	100	100%	100%	100%	Compliant
E-03-16	LKD	200	61%	61%	61%	Compliant
E-03-16	Bedroom	100	100%	100%	100%	Compliant
E-03-17	LKD	200	85%	85%	84%	Compliant
E-03-17	Bedroom 1	100	100%	100%	100%	Compliant
E-03-17	Bedroom 2	100	100%	100%	100%	Compliant
E-03-18	LKD	200	100%	100%	100%	Compliant
E-03-18	Bedroom 1	100	100%	100%	100%	Compliant
E-03-18	Bedroom 2	100	100%	100%	100%	Compliant
E-03-18	Bedroom 3	100	100%	100%	100%	Compliant
E-03-19	LKD	200	100%	100%	100%	Compliant
E-03-19	Bedroom	100	100%	100%	100%	Compliant
E-03-20	LKD	200	100%	100%	100%	Compliant
E-03-20	Bedroom	100	100%	100%	100%	Compliant
E-03-21	LKD	200	99%	99%	99%	Compliant
E-03-21	Bedroom 1	100	100%	100%	100%	Compliant
E-03-21	Bedroom 2	100	100%	100%	100%	Compliant
E-03-22	LKD	200	100%	100%	100%	Compliant
E-03-22	Bedroom	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.17 SDA Results: Block E - Fourth Floor

Table No. C.2.17 - SDA Results: Block E - Fourth Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
E-04-01	LKD	200	100%	100%	100%	Compliant
E-04-01	Bedroom 1	100	100%	100%	100%	Compliant
E-04-01	Bedroom 2	100	100%	100%	100%	Compliant
E-04-02	LKD	200	100%	100%	100%	Compliant
E-04-02	Bedroom	100	100%	100%	100%	Compliant
E-04-03	LKD	200	82%	82%	82%	Compliant
E-04-03	Bedroom 1	100	100%	100%	100%	Compliant
E-04-03	Bedroom 2	100	100%	100%	100%	Compliant
E-04-04	LKD	200	100%	100%	100%	Compliant
E-04-04	Bedroom 1	100	100%	100%	100%	Compliant
E-04-04	Bedroom 2	100	100%	100%	100%	Compliant
E-04-04	Bedroom 3	100	100%	100%	100%	Compliant
E-04-05	LKD	200	100%	100%	100%	Compliant
E-04-05	Bedroom 1	100	100%	100%	100%	Compliant
E-04-05	Bedroom 2	100	100%	100%	100%	Compliant
E-04-06	LKD	200	70%	70%	70%	Compliant
E-04-06	Bedroom	100	100%	100%	100%	Compliant
E-04-07	LKD	200	71%	71%	71%	Compliant
E-04-07	Bedroom 1	100	100%	100%	100%	Compliant
E-04-07	Bedroom 2	100	100%	100%	100%	Compliant
E-04-08	LKD	200	72%	72%	72%	Compliant
E-04-08	Bedroom 1	100	100%	100%	100%	Compliant
E-04-08	Bedroom 2	100	100%	100%	100%	Compliant
E-04-09	LKD	200	67%	67%	67%	Compliant
E-04-09	Bedroom 1	100	100%	100%	100%	Compliant
E-04-09	Bedroom 2	100	100%	100%	100%	Compliant
E-04-10	LKD	200	83%	82%	82%	Compliant
E-04-10	Bedroom	100	100%	100%	100%	Compliant
E-04-11	LKD	200	71%	71%	71%	Compliant
E-04-11	Bedroom 1	100	100%	100%	100%	Compliant
E-04-11	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.17 - SDA Results: Block E - Fourth Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
E-04-12	LKD	200	100%	100%	100%	Compliant
E-04-12	Bedroom 1	100	100%	100%	100%	Compliant
E-04-12	Bedroom 2	100	100%	100%	100%	Compliant
E-04-13	LKD	200	100%	100%	100%	Compliant
E-04-13	Bedroom 1	100	100%	100%	100%	Compliant
E-04-13	Bedroom 2	100	100%	100%	100%	Compliant
E-04-13	Bedroom 3	100	100%	100%	100%	Compliant
E-04-14	LKD	200	58%	58%	58%	Compliant
E-04-14	Bedroom 1	100	100%	100%	100%	Compliant
E-04-14	Bedroom 2	100	100%	100%	100%	Compliant
E-04-15	LKD	200	71%	71%	71%	Compliant
E-04-15	Bedroom	100	100%	100%	100%	Compliant
E-04-16	LKD	200	71%	71%	71%	Compliant
E-04-16	Bedroom	100	100%	100%	100%	Compliant
E-04-17	LKD	200	88%	88%	88%	Compliant
E-04-17	Bedroom 1	100	100%	100%	100%	Compliant
E-04-17	Bedroom 2	100	100%	100%	100%	Compliant
E-04-18	LKD	200	100%	100%	100%	Compliant
E-04-18	Bedroom 1	100	100%	100%	100%	Compliant
E-04-18	Bedroom 2	100	100%	100%	100%	Compliant
E-04-18	Bedroom 3	100	100%	100%	100%	Compliant
E-04-19	LKD	200	100%	100%	100%	Compliant
E-04-19	Bedroom	100	100%	100%	100%	Compliant
E-04-20	LKD	200	100%	100%	100%	Compliant
E-04-20	Bedroom	100	100%	100%	100%	Compliant
E-04-21	LKD	200	100%	100%	100%	Compliant
E-04-21	Bedroom 1	100	100%	100%	100%	Compliant
E-04-21	Bedroom 2	100	100%	100%	100%	Compliant
E-04-22	LKD	200	100%	100%	100%	Compliant
E-04-22	Bedroom	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.2.18 SDA Results: Block E - Fifth Floor

Table No. C.2.18 - SDA Results: Block E - Fifth Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
E-05-01	LKD	200	100%	100%	100%	Compliant
E-05-01	Bedroom 1	100	100%	100%	100%	Compliant
E-05-01	Bedroom 2	100	100%	100%	100%	Compliant
E-05-02	LKD	200	100%	100%	100%	Compliant
E-05-02	Bedroom	100	100%	100%	100%	Compliant
E-05-03	LKD	200	95%	95%	95%	Compliant
E-05-03	Bedroom 1	100	100%	100%	100%	Compliant
E-05-03	Bedroom 2	100	100%	100%	100%	Compliant
E-05-04	LKD	200	100%	100%	100%	Compliant
E-05-04	Bedroom 1	100	100%	100%	100%	Compliant
E-05-04	Bedroom 2	100	100%	100%	100%	Compliant
E-05-05	LKD	200	100%	100%	100%	Compliant
E-05-05	Bedroom 1	100	100%	100%	100%	Compliant
E-05-06	LKD	200	77%	77%	77%	Compliant
E-05-06	Bedroom	100	100%	100%	100%	Compliant
E-05-07	LKD	200	98%	98%	98%	Compliant
E-05-07	Bedroom 1	100	100%	100%	100%	Compliant
E-05-07	Bedroom 2	100	100%	100%	100%	Compliant
E-05-08	LKD	200	97%	97%	97%	Compliant
E-05-08	Bedroom 1	100	100%	100%	100%	Compliant
E-05-08	Bedroom 2	100	100%	100%	100%	Compliant
E-05-09	LKD	200	95%	95%	95%	Compliant
E-05-09	Bedroom 1	100	100%	100%	100%	Compliant
E-05-09	Bedroom 2	100	100%	100%	100%	Compliant
E-05-10	LKD	200	100%	100%	100%	Compliant
E-05-10	Bedroom	100	100%	100%	100%	Compliant
E-05-11	LKD	200	95%	95%	95%	Compliant
E-05-11	Bedroom 1	100	100%	100%	100%	Compliant
E-05-11	Bedroom 2	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.
** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.
For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.2.18 - SDA Results: Block E - Fifth Floor						
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)			Compliance with BRE 209 Criteria*
			Without Trees***	Winter**	Summer**	
E-05-12	LKD	200	100%	100%	100%	Compliant
E-05-12	Bedroom	100	100%	100%	100%	Compliant
E-05-13	LKD	200	100%	100%	100%	Compliant
E-05-13	Bedroom 1	100	100%	100%	100%	Compliant
E-05-13	Bedroom 2	100	100%	100%	100%	Compliant
E-05-14	LKD	200	75%	74%	74%	Compliant
E-05-14	Bedroom 1	100	100%	100%	100%	Compliant
E-05-14	Bedroom 2	100	100%	100%	100%	Compliant
E-05-15	LKD	200	87%	86%	86%	Compliant
E-05-15	Bedroom	100	100%	100%	100%	Compliant
E-05-16	LKD	200	88%	88%	88%	Compliant
E-05-16	Bedroom	100	100%	100%	100%	Compliant
E-05-17	LKD	200	100%	100%	100%	Compliant
E-05-17	Bedroom 1	100	100%	100%	100%	Compliant
E-05-17	Bedroom 2	100	100%	100%	100%	Compliant
E-05-18	LKD	200	100%	100%	100%	Compliant
E-05-18	Bedroom	100	100%	100%	100%	Compliant
E-05-19	LKD	200	100%	100%	100%	Compliant
E-05-19	Bedroom	100	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Under the BR 209 study the SDA has been calculated with trees represented with both winter and summer foliage.

*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 25.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.3 Sunlight Exposure (SE) in Proposed Units

Below is an example of the table used to describe the SE performance of proposed habitable rooms.

Table Example. C.3 - Scheme Performance Sunlight Exposure							
Unit Number	Room Description	Deciduous Trees as Opaque Objects			Without Deciduous Trees		
		SE Hours on March 21st	Level of SE on March 21st	Unit compliance based on highest performing room	SE Hours on March 21st	Level of SE on March 21st	Unit compliance based on highest performing room
A	**B**	**C**	**D**	**E**	**F**	**G**	**H**

A: Unit Number

This column identifies the assessed unit. All unit numbers are determined by the architect's drawings, unless otherwise stated.

B: Room Description

Room Description details which room of the unit has been assessed, e.g. bedroom, living room, etc.

C: SE Hours on March 21st (Deciduous Trees as Opaque Objects)

This column will state the number of hours the assessed room can expect to receive on March 21st with the assessment carried out with deciduous trees as opaque objects.

D: Level of SE on March 21st (Deciduous Trees as Opaque Objects)

BR 209 recommends a minimum sunlight exposure of 1.5 hours for a proposed unit with preference given to main living rooms. BR 209 categorise sunlight exposure as minimum, medium and high, this column will categorise the level of sunlight exposure with deciduous trees as opaque objects based on the following:

- Less than 1.5 hours: *Below minimum,*
- Between 1.5 hours and 3 hours: *Minimum*
- Between 3 hours and 4 hours: *Medium*
- More than 4 hours: *High*

E: Unit compliance based on highest performing room (Deciduous Trees as Opaque Objects)

A proposed unit is considered to be compliant provided any habitable room within the unit is capable of receiving at least 1.5 hours of sunlight on the assessment date. This column will identify the highest performing room within a unit and state compliance for the associated unit based on that room with the assessment carried out with deciduous trees as opaque objects.

Typically unit compliance will be stated for the best performing room per unit only, with lesser performing rooms indicated with a dash (-).

F: SE Hours on March 21st (Without Deciduous Trees)

This column will state the number of hours the assessed room can expect to receive on March 21st with the assessment carried out without deciduous trees.

G: Level of SE on March 21st (Without Deciduous Trees)

BR 209 recommends a minimum sunlight exposure of 1.5 hours for a proposed unit with preference given to main living rooms. BR 209 categorise sunlight exposure as minimum, medium and high, this column will categorise the level of sunlight exposure without deciduous trees using the same criteria as the study with deciduous trees as opaque objects.

H: Unit compliance based on highest performing room (Without Deciduous Trees)

A proposed unit is considered to be compliant provided any habitable room within the unit is capable of receiving at least 1.5 hours of sunlight on March 21st. This column will identify the highest performing room within a unit and state compliance for the associated unit based on that room with the assessment carried out without deciduous trees. Typically only one room per unit will be populated in this column, with lesser performing rooms indicated with a dash (-).

It should be noted that the figures displayed in the table of results have been rounded off. A manual calculation of these figures may yield a negligible difference and should not be considered an error.

C.3.1 SE Results: Block C - Ground Floor

Table No. C.3.1 - Sunlight Exposure Results: Block C - Ground Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
C-00-01	LKD	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant
C-00-01	Bedroom 1	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant
C-00-01	Bedroom 2	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant
C-00-01	Bedroom 3	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant
C-00-02	LKD	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant
C-00-02	Bedroom 1	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant
C-00-02	Bedroom 2	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant
C-00-02	Bedroom 3	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant
C-00-03	LKD	0.50	Below Minimum	-	0.50	Below Minimum	-
C-00-03	Bedroom 1	0.60	Below Minimum	Non-Compliant	1.60	Minimum	Compliant
C-00-03	Bedroom 2	0.00	Below Minimum	-	1.60	Minimum	Compliant
C-00-04	LKD	0.50	Below Minimum	-	0.50	Below Minimum	-
C-00-04	Bedroom 1	0.60	Below Minimum	Non-Compliant	0.60	Below Minimum	Non-Compliant
C-00-04	Bedroom 2	0.60	Below Minimum	Non-Compliant	0.60	Below Minimum	Non-Compliant
C-00-05	LKD	0.10	Below Minimum	-	1.90	Minimum	Compliant
C-00-05	Bedroom	0.20	Below Minimum	Non-Compliant	1.60	Minimum	-
C-00-06	LKD	0.00	Below Minimum	-	0.60	Below Minimum	-
C-00-06	Bedroom	0.90	Below Minimum	Non-Compliant	1.90	Minimum	Compliant
C-00-07	LKD	4.10	High	Compliant	9.40	High	Compliant
C-00-07	Bedroom 1	1.10	Below Minimum	-	2.70	Minimum	-
C-00-07	Bedroom 2	3.30	Medium	-	6.60	High	-
C-00-07	Bedroom 3	2.00	Minimum	-	3.20	Medium	-
C-00-08	LKD	3.80	Medium	Compliant	9.40	High	Compliant
C-00-08	Bedroom 1	0.20	Below Minimum	-	3.30	Medium	-
C-00-08	Bedroom 2	2.10	Minimum	-	3.30	Medium	-
C-00-09	LKD	2.60	Minimum	Compliant	2.60	Minimum	Compliant
C-00-09	Bedroom 1	1.00	Below Minimum	-	1.00	Below Minimum	-
C-00-09	Bedroom 2	0.10	Below Minimum	-	1.20	Below Minimum	-
C-00-10	LKD	2.00	Minimum	Compliant	2.00	Minimum	Compliant
C-00-10	Bedroom 1	0.40	Below Minimum	-	0.70	Below Minimum	-
C-00-10	Bedroom 2	0.00	Below Minimum	-	1.40	Below Minimum	-
C-00-11	LKD	0.90	Below Minimum	Non-Compliant	2.00	Minimum	Compliant
C-00-11	Bedroom 1	0.70	Below Minimum	-	0.70	Below Minimum	-
C-00-11	Bedroom 2	0.20	Below Minimum	-	1.40	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.2 SE Results: Block C - First Floor

Table No. C.3.2 - Sunlight Exposure Results: Block C - First Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
C-01-01	LKD	3.70	Medium	Compliant	3.70	Medium	Compliant
C-01-01	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-01-01	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
C-01-02	LKD	1.10	Below Minimum	Non-Compliant	1.10	Below Minimum	Non-Compliant
C-01-02	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
C-01-03	LKD	0.80	Below Minimum	Non-Compliant	0.80	Below Minimum	Non-Compliant
C-01-03	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-01-03	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
C-01-03	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
C-01-04	LKD	0.60	Below Minimum	-	0.60	Below Minimum	-
C-01-04	Bedroom 1	2.00	Minimum	Compliant	2.00	Minimum	Compliant
C-01-04	Bedroom 2	2.00	Minimum	Compliant	2.00	Minimum	Compliant
C-01-05	LKD	0.60	Below Minimum	-	0.60	Below Minimum	-
C-01-05	Bedroom 1	0.60	Below Minimum	-	0.60	Below Minimum	-
C-01-05	Bedroom 2	0.70	Below Minimum	Non-Compliant	0.70	Below Minimum	Non-Compliant
C-01-06	LKD	2.50	Minimum	Compliant	2.50	Minimum	Compliant
C-01-06	Bedroom	1.20	Below Minimum	-	2.00	Minimum	-
C-01-07	LKD	0.60	Below Minimum	-	0.60	Below Minimum	-
C-01-07	Bedroom 1	2.40	Minimum	Compliant	2.40	Minimum	Compliant
C-01-07	Bedroom 2	0.70	Below Minimum	-	0.70	Below Minimum	-
C-01-08	LKD	9.30	High	Compliant	9.40	High	Compliant
C-01-08	Bedroom 1	0.40	Below Minimum	-	2.70	Minimum	-
C-01-08	Bedroom 2	5.60	High	-	5.60	High	-
C-01-08	Bedroom 3	3.20	Medium	-	3.20	Medium	-
C-01-09	LKD	9.20	High	Compliant	9.20	High	Compliant
C-01-09	Bedroom 1	2.60	Minimum	-	3.30	Medium	-
C-01-09	Bedroom 2	3.30	Medium	-	3.30	Medium	-
C-01-10	LKD	1.10	Below Minimum	-	1.10	Below Minimum	-
C-01-10	Bedroom 1	0.80	Below Minimum	-	0.80	Below Minimum	-
C-01-10	Bedroom 2	2.40	Minimum	Compliant	2.40	Minimum	Compliant
C-01-11	LKD	0.80	Below Minimum	-	0.80	Below Minimum	-
C-01-11	Bedroom 1	0.80	Below Minimum	-	0.80	Below Minimum	-
C-01-11	Bedroom 2	1.90	Minimum	Compliant	1.90	Minimum	Compliant
C-01-12	LKD	0.80	Below Minimum	-	0.80	Below Minimum	-
C-01-12	Bedroom 1	0.80	Below Minimum	-	0.80	Below Minimum	-
C-01-12	Bedroom 2	1.90	Minimum	Compliant	1.90	Minimum	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.2 - Sunlight Exposure Results: Block C - First Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
C-01-13	LKD	0.00	Below Minimum	-	1.10	Below Minimum	-
C-01-13	Bedroom 1	1.10	Below Minimum	-	1.10	Below Minimum	-
C-01-13	Bedroom 2	2.50	Minimum	Compliant	2.50	Minimum	Compliant
C-01-14	LKD	1.10	Below Minimum	-	1.10	Below Minimum	-
C-01-14	Bedroom 1	1.10	Below Minimum	-	1.10	Below Minimum	-
C-01-14	Bedroom 2	2.50	Minimum	Compliant	2.50	Minimum	Compliant
C-01-15	LKD	1.10	Below Minimum	Non-Compliant	1.10	Below Minimum	-
C-01-15	Bedroom 1	1.10	Below Minimum	Non-Compliant	1.10	Below Minimum	-
C-01-15	Bedroom 2	0.00	Below Minimum	-	2.50	Minimum	Compliant
C-01-16	LKD	9.40	High	Compliant	9.40	High	Compliant
C-01-16	Bedroom 1	3.10	Medium	-	3.10	Medium	-
C-01-16	Bedroom 2	2.30	Minimum	-	3.50	Medium	-
C-01-17	LKD	7.60	High	Compliant	7.70	High	Compliant
C-01-17	Bedroom 1	2.30	Minimum	-	2.30	Minimum	-
C-01-17	Bedroom 2	6.60	High	-	6.60	High	-
C-01-17	Bedroom 3	2.60	Minimum	-	2.60	Minimum	-
C-01-18	LKD	0.70	Below Minimum	-	0.70	Below Minimum	-
C-01-18	Bedroom 1	2.10	Minimum	Compliant	2.10	Minimum	Compliant
C-01-18	Bedroom 2	0.60	Below Minimum	-	0.60	Below Minimum	-
C-01-19	LKD	1.80	Minimum	Compliant	1.80	Minimum	Compliant
C-01-19	Bedroom	1.50	Minimum	-	1.50	Minimum	-
C-01-20	LKD	0.40	Below Minimum	-	0.40	Below Minimum	-
C-01-20	Bedroom 1	0.40	Below Minimum	-	0.40	Below Minimum	-
C-01-20	Bedroom 2	0.90	Below Minimum	Non-Compliant	0.90	Below Minimum	Non-Compliant
C-01-21	LKD	1.60	Minimum	-	1.60	Minimum	-
C-01-21	Bedroom 1	2.70	Minimum	Compliant	2.70	Minimum	Compliant
C-01-21	Bedroom 2	2.70	Minimum	Compliant	2.70	Minimum	Compliant
C-01-22	LKD	1.60	Minimum	Compliant	1.60	Minimum	Compliant
C-01-22	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-01-22	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
C-01-22	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
C-01-23	LKD	1.20	Below Minimum	Non-Compliant	1.20	Below Minimum	Non-Compliant
C-01-23	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
C-01-24	LKD	3.20	Medium	Compliant	4.00	High	Compliant
C-01-24	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-01-24	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.3 SE Results: Block C - Second Floor

Table No. C.3.3 - Sunlight Exposure Results: Block C - Second Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
C-02-01	LKD	4.50	High	Compliant	4.50	High	Compliant
C-02-01	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-02-01	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
C-02-02	LKD	1.20	Below Minimum	Non-Compliant	1.20	Below Minimum	Non-Compliant
C-02-02	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
C-02-03	LKD	1.30	Below Minimum	Non-Compliant	1.30	Below Minimum	Non-Compliant
C-02-03	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-02-03	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
C-02-03	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
C-02-04	LKD	1.10	Below Minimum	-	1.10	Below Minimum	-
C-02-04	Bedroom 1	2.50	Minimum	Compliant	2.50	Minimum	Compliant
C-02-04	Bedroom 2	2.50	Minimum	Compliant	2.50	Minimum	Compliant
C-02-05	LKD	1.10	Below Minimum	-	1.10	Below Minimum	-
C-02-05	Bedroom 1	1.10	Below Minimum	-	1.10	Below Minimum	-
C-02-05	Bedroom 2	1.20	Below Minimum	Non-Compliant	1.20	Below Minimum	Non-Compliant
C-02-06	LKD	3.00	Medium	Compliant	3.00	Medium	Compliant
C-02-06	Bedroom	2.50	Minimum	-	2.50	Minimum	-
C-02-07	LKD	1.10	Below Minimum	-	1.10	Below Minimum	-
C-02-07	Bedroom 1	2.50	Minimum	Compliant	2.50	Minimum	Compliant
C-02-07	Bedroom 2	1.20	Below Minimum	-	1.20	Below Minimum	-
C-02-08	LKD	9.40	High	Compliant	9.40	High	Compliant
C-02-08	Bedroom 1	2.90	Minimum	-	2.90	Minimum	-
C-02-08	Bedroom 2	5.60	High	-	5.60	High	-
C-02-08	Bedroom 3	3.30	Medium	-	3.30	Medium	-
C-02-09	LKD	9.20	High	Compliant	9.20	High	Compliant
C-02-09	Bedroom 1	3.30	Medium	-	3.30	Medium	-
C-02-09	Bedroom 2	3.30	Medium	-	3.30	Medium	-
C-02-10	LKD	1.20	Below Minimum	-	1.20	Below Minimum	-
C-02-10	Bedroom 1	1.20	Below Minimum	-	1.20	Below Minimum	-
C-02-10	Bedroom 2	2.60	Minimum	Compliant	2.60	Minimum	Compliant
C-02-11	LKD	1.20	Below Minimum	-	1.20	Below Minimum	-
C-02-11	Bedroom 1	1.20	Below Minimum	-	1.20	Below Minimum	-
C-02-11	Bedroom 2	2.30	Minimum	Compliant	2.30	Minimum	Compliant
C-02-12	LKD	1.20	Below Minimum	-	1.20	Below Minimum	-
C-02-12	Bedroom 1	1.20	Below Minimum	-	1.20	Below Minimum	-
C-02-12	Bedroom 2	2.30	Minimum	Compliant	2.30	Minimum	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.3 - Sunlight Exposure Results: Block C - Second Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
C-02-13	LKD	1.60	Minimum	-	1.60	Minimum	-
C-02-13	Bedroom 1	1.60	Minimum	-	1.60	Minimum	-
C-02-13	Bedroom 2	3.00	Medium	Compliant	3.00	Medium	Compliant
C-02-14	LKD	1.60	Minimum	-	1.60	Minimum	-
C-02-14	Bedroom 1	1.60	Minimum	-	1.60	Minimum	-
C-02-14	Bedroom 2	3.00	Medium	Compliant	3.00	Medium	Compliant
C-02-15	LKD	1.60	Minimum	-	1.60	Minimum	-
C-02-15	Bedroom 1	1.60	Minimum	-	1.60	Minimum	-
C-02-15	Bedroom 2	3.00	Medium	Compliant	3.00	Medium	Compliant
C-02-16	LKD	9.40	High	Compliant	9.40	High	Compliant
C-02-16	Bedroom 1	3.50	Medium	-	3.50	Medium	-
C-02-16	Bedroom 2	3.60	Medium	-	3.60	Medium	-
C-02-17	LKD	7.70	High	Compliant	7.70	High	Compliant
C-02-17	Bedroom 1	2.40	Minimum	-	2.40	Minimum	-
C-02-17	Bedroom 2	6.60	High	-	6.60	High	-
C-02-17	Bedroom 3	2.60	Minimum	-	2.60	Minimum	-
C-02-18	LKD	0.80	Below Minimum	-	0.80	Below Minimum	-
C-02-18	Bedroom 1	2.10	Minimum	Compliant	2.10	Minimum	Compliant
C-02-18	Bedroom 2	0.60	Below Minimum	-	0.60	Below Minimum	-
C-02-19	LKD	2.10	Minimum	Compliant	2.10	Minimum	Compliant
C-02-19	Bedroom	1.70	Minimum	-	1.70	Minimum	-
C-02-20	LKD	1.30	Below Minimum	-	1.30	Below Minimum	-
C-02-20	Bedroom 1	0.90	Below Minimum	-	0.90	Below Minimum	-
C-02-20	Bedroom 2	2.00	Minimum	Compliant	2.00	Minimum	Compliant
C-02-21	LKD	2.00	Minimum	-	2.00	Minimum	-
C-02-21	Bedroom 1	3.10	Medium	Compliant	3.10	Medium	Compliant
C-02-21	Bedroom 2	3.10	Medium	Compliant	3.10	Medium	Compliant
C-02-22	LKD	1.90	Minimum	Compliant	1.90	Minimum	Compliant
C-02-22	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-02-22	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
C-02-22	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
C-02-23	LKD	1.20	Below Minimum	Non-Compliant	1.20	Below Minimum	Non-Compliant
C-02-23	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
C-02-24	LKD	4.60	High	Compliant	4.60	High	Compliant
C-02-24	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-02-24	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.4 SE Results: Block C - Third Floor

Table No. C.3.4 - Sunlight Exposure Results: Block C - Third Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
C-03-01	LKD	5.50	High	Compliant	5.50	High	Compliant
C-03-01	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-03-01	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
C-03-02	LKD	1.60	Minimum	Compliant	1.60	Minimum	Compliant
C-03-02	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
C-03-03	LKD	1.90	Minimum	Compliant	1.90	Minimum	Compliant
C-03-03	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-03-03	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
C-03-03	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
C-03-04	LKD	1.70	Minimum	-	1.70	Minimum	-
C-03-04	Bedroom 1	3.10	Medium	Compliant	3.10	Medium	Compliant
C-03-04	Bedroom 2	3.10	Medium	Compliant	3.10	Medium	Compliant
C-03-05	LKD	1.70	Minimum	-	1.70	Minimum	-
C-03-05	Bedroom 1	1.70	Minimum	-	1.70	Minimum	-
C-03-05	Bedroom 2	1.80	Minimum	Compliant	1.80	Minimum	Compliant
C-03-06	LKD	3.60	Medium	Compliant	3.60	Medium	Compliant
C-03-06	Bedroom	3.10	Medium	-	3.10	Medium	-
C-03-07	LKD	1.70	Minimum	-	1.70	Minimum	-
C-03-07	Bedroom 1	3.10	Medium	Compliant	3.10	Medium	Compliant
C-03-07	Bedroom 2	1.80	Minimum	-	1.80	Minimum	-
C-03-08	LKD	9.40	High	Compliant	9.40	High	Compliant
C-03-08	Bedroom 1	3.10	Medium	-	3.10	Medium	-
C-03-08	Bedroom 2	5.60	High	-	5.60	High	-
C-03-08	Bedroom 3	3.50	Medium	-	3.50	Medium	-
C-03-09	LKD	9.20	High	Compliant	9.20	High	Compliant
C-03-09	Bedroom 1	3.30	Medium	-	3.30	Medium	-
C-03-09	Bedroom 2	3.30	Medium	-	3.30	Medium	-
C-03-10	LKD	1.60	Minimum	-	1.60	Minimum	-
C-03-10	Bedroom 1	1.70	Minimum	-	1.70	Minimum	-
C-03-10	Bedroom 2	2.80	Minimum	Compliant	2.80	Minimum	Compliant
C-03-11	LKD	1.60	Minimum	-	1.60	Minimum	-
C-03-11	Bedroom 1	1.70	Minimum	-	1.70	Minimum	-
C-03-11	Bedroom 2	2.80	Minimum	Compliant	2.80	Minimum	Compliant
C-03-12	LKD	1.60	Minimum	-	1.60	Minimum	-
C-03-12	Bedroom 1	1.70	Minimum	-	1.70	Minimum	-
C-03-12	Bedroom 2	2.80	Minimum	Compliant	2.80	Minimum	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.4 - Sunlight Exposure Results: Block C - Third Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
C-03-13	LKD	2.20	Minimum	-	2.20	Minimum	-
C-03-13	Bedroom 1	2.20	Minimum	-	2.20	Minimum	-
C-03-13	Bedroom 2	3.60	Medium	Compliant	3.60	Medium	Compliant
C-03-14	LKD	2.20	Minimum	-	2.20	Minimum	-
C-03-14	Bedroom 1	2.20	Minimum	-	2.20	Minimum	-
C-03-14	Bedroom 2	3.60	Medium	Compliant	3.60	Medium	Compliant
C-03-15	LKD	2.20	Minimum	-	2.20	Minimum	-
C-03-15	Bedroom 1	2.20	Minimum	-	2.20	Minimum	-
C-03-15	Bedroom 2	3.60	Medium	Compliant	3.60	Medium	Compliant
C-03-16	LKD	9.40	High	Compliant	9.40	High	Compliant
C-03-16	Bedroom 1	3.60	Medium	-	3.60	Medium	-
C-03-16	Bedroom 2	3.90	Medium	-	3.90	Medium	-
C-03-17	LKD	7.70	High	Compliant	7.70	High	Compliant
C-03-17	Bedroom 1	2.40	Minimum	-	2.40	Minimum	-
C-03-17	Bedroom 2	6.60	High	-	6.60	High	-
C-03-17	Bedroom 3	2.80	Minimum	-	2.80	Minimum	-
C-03-18	LKD	0.80	Below Minimum	-	0.80	Below Minimum	-
C-03-18	Bedroom 1	2.10	Minimum	Compliant	2.10	Minimum	Compliant
C-03-18	Bedroom 2	0.80	Below Minimum	-	0.80	Below Minimum	-
C-03-19	LKD	2.80	Minimum	Compliant	2.80	Minimum	Compliant
C-03-19	Bedroom	1.90	Minimum	-	1.90	Minimum	-
C-03-20	LKD	2.10	Minimum	-	2.10	Minimum	-
C-03-20	Bedroom 1	1.80	Minimum	-	1.80	Minimum	-
C-03-20	Bedroom 2	2.20	Minimum	Compliant	2.20	Minimum	Compliant
C-03-21	LKD	2.10	Minimum	-	2.10	Minimum	-
C-03-21	Bedroom 1	3.30	Medium	Compliant	3.30	Medium	Compliant
C-03-21	Bedroom 2	3.30	Medium	Compliant	3.30	Medium	Compliant
C-03-22	LKD	2.00	Minimum	Compliant	2.00	Minimum	Compliant
C-03-22	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-03-22	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
C-03-22	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
C-03-23	LKD	1.50	Minimum	Compliant	1.50	Minimum	Compliant
C-03-23	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
C-03-24	LKD	5.80	High	Compliant	5.80	High	Compliant
C-03-24	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-03-24	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.5 SE Results: Block C - Fourth Floor

Table No. C.3.5 - Sunlight Exposure Results: Block C - Fourth Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
C-04-01	LKD	7.10	High	Compliant	7.10	High	Compliant
C-04-01	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-04-01	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
C-04-02	LKD	2.20	Minimum	Compliant	2.20	Minimum	Compliant
C-04-02	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
C-04-03	LKD	2.90	Minimum	Compliant	2.90	Minimum	Compliant
C-04-03	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-04-03	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
C-04-03	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
C-04-04	LKD	2.40	Minimum	-	2.40	Minimum	-
C-04-04	Bedroom 1	3.90	Medium	Compliant	3.90	Medium	Compliant
C-04-04	Bedroom 2	3.90	Medium	Compliant	3.90	Medium	Compliant
C-04-05	LKD	2.40	Minimum	-	2.40	Minimum	-
C-04-05	Bedroom 1	2.50	Minimum	Compliant	2.50	Minimum	Compliant
C-04-05	Bedroom 2	2.50	Minimum	Compliant	2.50	Minimum	Compliant
C-04-06	LKD	4.40	High	Compliant	4.40	High	Compliant
C-04-06	Bedroom	3.90	Medium	-	3.90	Medium	-
C-04-07	LKD	2.50	Minimum	-	2.50	Minimum	-
C-04-07	Bedroom 1	3.90	Medium	Compliant	3.90	Medium	Compliant
C-04-07	Bedroom 2	2.50	Minimum	-	2.50	Minimum	-
C-04-08	LKD	9.40	High	Compliant	9.40	High	Compliant
C-04-08	Bedroom 1	3.90	Medium	-	3.90	Medium	-
C-04-08	Bedroom 2	6.60	High	-	6.60	High	-
C-04-08	Bedroom 3	3.90	Medium	-	3.90	Medium	-
C-04-09	LKD	9.40	High	Compliant	9.40	High	Compliant
C-04-09	Bedroom 1	3.30	Medium	-	3.30	Medium	-
C-04-09	Bedroom 2	3.30	Medium	-	3.30	Medium	-
C-04-10	LKD	2.10	Minimum	-	2.10	Minimum	-
C-04-10	Bedroom 1	2.20	Minimum	-	2.20	Minimum	-
C-04-10	Bedroom 2	3.30	Medium	Compliant	3.30	Medium	Compliant
C-04-11	LKD	2.10	Minimum	-	2.10	Minimum	-
C-04-11	Bedroom 1	2.20	Minimum	-	2.20	Minimum	-
C-04-11	Bedroom 2	3.30	Medium	Compliant	3.30	Medium	Compliant
C-04-12	LKD	2.10	Minimum	-	2.10	Minimum	-
C-04-12	Bedroom 1	2.20	Minimum	-	2.20	Minimum	-
C-04-12	Bedroom 2	3.30	Medium	Compliant	3.30	Medium	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.5 - Sunlight Exposure Results: Block C - Fourth Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
C-04-13	LKD	2.70	Minimum	-	2.70	Minimum	-
C-04-13	Bedroom 1	2.70	Minimum	-	2.70	Minimum	-
C-04-13	Bedroom 2	4.10	High	Compliant	4.10	High	Compliant
C-04-14	LKD	2.70	Minimum	-	2.70	Minimum	-
C-04-14	Bedroom 1	2.70	Minimum	-	2.70	Minimum	-
C-04-14	Bedroom 2	4.10	High	Compliant	4.10	High	Compliant
C-04-15	LKD	2.70	Minimum	-	2.70	Minimum	-
C-04-15	Bedroom 1	2.70	Minimum	-	2.70	Minimum	-
C-04-15	Bedroom 2	4.10	High	Compliant	4.10	High	Compliant
C-04-16	LKD	9.40	High	Compliant	9.40	High	Compliant
C-04-16	Bedroom 1	4.10	High	-	4.10	High	-
C-04-16	Bedroom 2	4.10	High	-	4.10	High	-
C-04-17	LKD	9.10	High	Compliant	9.10	High	Compliant
C-04-17	Bedroom 1	2.30	Minimum	-	2.30	Minimum	-
C-04-17	Bedroom 2	6.60	High	-	6.60	High	-
C-04-17	Bedroom 3	2.80	Minimum	-	2.80	Minimum	-
C-04-18	LKD	1.10	Below Minimum	-	1.10	Below Minimum	-
C-04-18	Bedroom 1	2.20	Minimum	Compliant	2.20	Minimum	Compliant
C-04-18	Bedroom 2	1.10	Below Minimum	-	1.10	Below Minimum	-
C-04-19	LKD	3.60	Medium	Compliant	3.60	Medium	Compliant
C-04-19	Bedroom	2.50	Minimum	-	2.50	Minimum	-
C-04-20	LKD	2.10	Minimum	-	2.10	Minimum	-
C-04-20	Bedroom 1	2.20	Minimum	Compliant	2.20	Minimum	Compliant
C-04-20	Bedroom 2	2.20	Minimum	Compliant	2.20	Minimum	Compliant
C-04-21	LKD	2.10	Minimum	-	2.10	Minimum	-
C-04-21	Bedroom 1	3.30	Medium	Compliant	3.30	Medium	Compliant
C-04-21	Bedroom 2	3.30	Medium	Compliant	3.30	Medium	Compliant
C-04-22	LKD	2.00	Minimum	Compliant	2.00	Minimum	Compliant
C-04-22	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-04-22	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
C-04-22	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
C-04-23	LKD	2.70	Minimum	Compliant	2.70	Minimum	Compliant
C-04-23	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
C-04-24	LKD	7.50	High	Compliant	7.50	High	Compliant
C-04-24	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
C-04-24	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.6 SE Results: Block C - Fifth Floor

Table No. C.3.6 - Sunlight Exposure Results: Block C - Fifth Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
C-05-01	LKD	3.30	Medium	Compliant	3.30	Medium	Compliant
C-05-01	Bedroom	2.70	Minimum	-	2.70	Minimum	-
C-05-02	LKD	4.40	High	Compliant	4.40	High	Compliant
C-05-02	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
C-05-03	LKD	4.60	High	Compliant	4.60	High	Compliant
C-05-03	Bedroom 1	4.00	High	-	4.00	High	-
C-05-03	Bedroom 2	4.10	High	-	4.10	High	-
C-05-04	LKD	4.60	High	Compliant	4.60	High	Compliant
C-05-04	Bedroom 1	4.10	High	-	4.10	High	-
C-05-04	Bedroom 2	4.10	High	-	4.10	High	-
C-05-05	LKD	4.60	High	Compliant	4.60	High	Compliant
C-05-05	Bedroom	4.10	High	-	4.10	High	-
C-05-06	LKD	4.60	High	Compliant	4.60	High	Compliant
C-05-06	Bedroom 1	4.10	High	-	4.10	High	-
C-05-06	Bedroom 2	4.10	High	-	4.10	High	-
C-05-07	LKD	9.40	High	Compliant	9.40	High	Compliant
C-05-07	Bedroom 1	4.10	High	-	4.10	High	-
C-05-07	Bedroom 2	4.10	High	-	4.10	High	-
C-05-08	LKD	9.40	High	Compliant	9.40	High	Compliant
C-05-08	Bedroom	3.30	Medium	-	3.30	Medium	-
C-05-09	LKD	3.90	Medium	Compliant	3.90	Medium	Compliant
C-05-09	Bedroom 1	3.30	Medium	-	3.30	Medium	-
C-05-09	Bedroom 2	3.10	Medium	-	3.10	Medium	-
C-05-10	LKD	3.90	Medium	Compliant	3.90	Medium	Compliant
C-05-10	Bedroom 1	3.30	Medium	-	3.30	Medium	-
C-05-10	Bedroom 2	3.30	Medium	-	3.30	Medium	-
C-05-11	LKD	3.90	Medium	Compliant	3.90	Medium	Compliant
C-05-11	Bedroom 1	3.30	Medium	-	3.30	Medium	-
C-05-11	Bedroom 2	3.30	Medium	-	3.30	Medium	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.6 - Sunlight Exposure Results: Block C - Fifth Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
C-05-12	LKD	4.70	High	Compliant	4.70	High	Compliant
C-05-12	Bedroom 1	4.10	High	-	4.10	High	-
C-05-12	Bedroom 2	4.10	High	-	4.10	High	-
C-05-13	LKD	4.70	High	Compliant	4.70	High	Compliant
C-05-13	Bedroom 1	4.10	High	-	4.10	High	-
C-05-13	Bedroom 2	4.10	High	-	4.10	High	-
C-05-14	LKD	4.70	High	Compliant	4.70	High	Compliant
C-05-14	Bedroom 1	4.10	High	-	4.10	High	-
C-05-14	Bedroom 2	4.10	High	-	4.10	High	-
C-05-15	LKD	9.40	High	Compliant	9.40	High	Compliant
C-05-15	Bedroom	4.10	High	-	4.10	High	-
C-05-16	LKD	9.40	High	Compliant	9.40	High	Compliant
C-05-16	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
C-05-16	Bedroom 2	2.50	Minimum	-	2.50	Minimum	-
C-05-17	LKD	3.10	Medium	Compliant	3.10	Medium	Compliant
C-05-17	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
C-05-17	Bedroom 2	2.80	Minimum	-	2.80	Minimum	-
C-05-18	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
C-05-18	Bedroom	3.30	Medium	-	3.30	Medium	-
C-05-19	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
C-05-19	Bedroom 1	3.30	Medium	-	3.30	Medium	-
C-05-19	Bedroom 2	3.30	Medium	-	3.30	Medium	-
C-05-20	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
C-05-20	Bedroom 1	3.30	Medium	-	3.30	Medium	-
C-05-20	Bedroom 2	3.30	Medium	-	3.30	Medium	-
C-05-21	LKD	3.70	Medium	Compliant	3.70	Medium	Compliant
C-05-21	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
C-05-22	LKD	4.10	High	Compliant	4.10	High	Compliant
C-05-22	Bedroom	4.10	High	Compliant	4.10	High	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.
For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.7 SE Results: Block D - Ground Floor

Table No. C.3.7 - Sunlight Exposure Results: Block D - Ground Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D-00-01	LKD	0.00	Below Minimum	Non-Compliant	3.10	Medium	Compliant
D-00-01	Bedroom	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	-
D-00-02	LKD	1.00	Below Minimum	Non-Compliant	1.00	Below Minimum	Non-Compliant
D-00-02	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
D-00-03	LKD	0.10	Below Minimum	Non-Compliant	0.50	Below Minimum	-
D-00-03	Bedroom 1	0.10	Below Minimum	Non-Compliant	1.60	Minimum	Compliant
D-00-03	Bedroom 2	0.00	Below Minimum	-	1.60	Minimum	Compliant
D-00-04	LKD	0.00	Below Minimum	-	0.50	Below Minimum	-
D-00-04	Bedroom 1	0.00	Below Minimum	-	0.60	Below Minimum	Non-Compliant
D-00-04	Bedroom 2	0.60	Below Minimum	Non-Compliant	0.60	Below Minimum	Non-Compliant
D-00-05	LKD	1.30	Below Minimum	-	1.90	Minimum	Compliant
D-00-05	Bedroom	1.60	Minimum	Compliant	1.60	Minimum	-
D-00-06	LKD	0.00	Below Minimum	-	0.50	Below Minimum	-
D-00-06	Bedroom	1.70	Minimum	Compliant	1.90	Minimum	Compliant
D-00-07	LKD	6.30	High	-	9.40	High	Compliant
D-00-07	Bedroom 1	1.40	Below Minimum	-	2.60	Minimum	-
D-00-07	Bedroom 2	6.60	High	Compliant	6.60	High	-
D-00-07	Bedroom 3	0.00	Below Minimum	-	3.10	Medium	-
D-00-08	LKD	6.90	High	Compliant	9.40	High	Compliant
D-00-08	Bedroom 1	0.40	Below Minimum	-	3.30	Medium	-
D-00-08	Bedroom 2	0.50	Below Minimum	-	3.30	Medium	-
D-00-09	LKD	2.60	Minimum	Compliant	2.60	Minimum	Compliant
D-00-09	Bedroom 1	1.00	Below Minimum	-	1.00	Below Minimum	-
D-00-09	Bedroom 2	1.20	Below Minimum	-	1.20	Below Minimum	-
D-00-10	LKD	2.00	Minimum	Compliant	2.00	Minimum	Compliant
D-00-10	Bedroom 1	0.80	Below Minimum	-	0.80	Below Minimum	-
D-00-10	Bedroom 2	1.40	Below Minimum	-	1.40	Below Minimum	-
D-00-11	LKD	0.60	Below Minimum	-	2.00	Minimum	Compliant
D-00-11	Bedroom 1	0.20	Below Minimum	-	0.80	Below Minimum	-
D-00-11	Bedroom 2	1.00	Below Minimum	Non-Compliant	1.40	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.7 - Sunlight Exposure Results: Block D - Ground Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D-00-12	LKD	0.00	Below Minimum	-	1.00	Below Minimum	-
D-00-12	Bedroom 1	0.20	Below Minimum	-	1.00	Below Minimum	-
D-00-12	Bedroom 2	1.60	Minimum	Compliant	2.00	Minimum	Compliant
D-00-13	LKD	1.00	Below Minimum	-	1.00	Below Minimum	-
D-00-13	Bedroom 1	1.00	Below Minimum	-	1.00	Below Minimum	-
D-00-13	Bedroom 2	2.00	Minimum	Compliant	2.00	Minimum	Compliant
D-00-14	LKD	1.00	Below Minimum	-	1.00	Below Minimum	-
D-00-14	Bedroom 1	0.10	Below Minimum	-	1.00	Below Minimum	-
D-00-14	Bedroom 2	2.30	Minimum	Compliant	2.30	Minimum	Compliant
D-00-15	LKD	6.50	High	Compliant	9.40	High	Compliant
D-00-15	Bedroom 1	0.30	Below Minimum	-	3.00	Medium	-
D-00-15	Bedroom 2	0.30	Below Minimum	-	3.40	Medium	-
D-00-16	LKD	8.90	High	Compliant	9.00	High	Compliant
D-00-16	Bedroom 1	0.50	Below Minimum	-	3.00	Medium	-
D-00-16	Bedroom 2	6.60	High	-	6.60	High	-
D-00-16	Bedroom 3	0.00	Below Minimum	-	3.30	Medium	-
D-00-17	LKD	0.80	Below Minimum	-	0.80	Below Minimum	-
D-00-17	Bedroom	1.90	Minimum	Compliant	1.90	Minimum	Compliant
D-00-18	LKD	0.40	Below Minimum	Non-Compliant	1.70	Minimum	Compliant
D-00-18	Bedroom	0.00	Below Minimum	-	1.40	Below Minimum	-
D-00-19	LKD	1.50	Minimum	Compliant	1.50	Minimum	Compliant
D-00-19	Bedroom 1	0.00	Below Minimum	-	0.50	Below Minimum	-
D-00-19	Bedroom 2	0.50	Below Minimum	-	0.50	Below Minimum	-
D-00-20	LKD	0.00	Below Minimum	Non-Compliant	1.90	Minimum	Compliant
D-00-20	Bedroom 1	0.00	Below Minimum	Non-Compliant	1.30	Below Minimum	-
D-00-20	Bedroom 2	0.00	Below Minimum	Non-Compliant	1.30	Below Minimum	-
D-00-21	LKD	1.00	Below Minimum	Non-Compliant	1.00	Below Minimum	Non-Compliant
D-00-21	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
D-00-22	LKD	0.00	Below Minimum	Non-Compliant	3.30	Medium	Compliant
D-00-22	Bedroom	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.8 SE Results: Block D - First Floor

Table No. C.3.8 - Sunlight Exposure Results: Block D - First Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D-01-01	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
D-01-01	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-01-01	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D-01-02	LKD	1.20	Below Minimum	Non-Compliant	1.20	Below Minimum	Non-Compliant
D-01-02	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
D-01-03	LKD	0.80	Below Minimum	Non-Compliant	0.80	Below Minimum	Non-Compliant
D-01-03	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-01-03	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D-01-03	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
D-01-04	LKD	0.60	Below Minimum	-	0.60	Below Minimum	-
D-01-04	Bedroom 1	2.00	Minimum	Compliant	2.00	Minimum	Compliant
D-01-04	Bedroom 2	2.00	Minimum	Compliant	2.00	Minimum	Compliant
D-01-05	LKD	0.60	Below Minimum	-	0.60	Below Minimum	-
D-01-05	Bedroom 1	0.60	Below Minimum	-	0.60	Below Minimum	-
D-01-05	Bedroom 2	0.70	Below Minimum	Non-Compliant	0.70	Below Minimum	Non-Compliant
D-01-06	LKD	2.40	Minimum	Compliant	2.50	Minimum	Compliant
D-01-06	Bedroom	2.00	Minimum	-	2.00	Minimum	-
D-01-07	LKD	0.60	Below Minimum	-	0.60	Below Minimum	-
D-01-07	Bedroom 1	2.30	Minimum	Compliant	2.30	Minimum	Compliant
D-01-07	Bedroom 2	0.70	Below Minimum	-	0.70	Below Minimum	-
D-01-08	LKD	9.40	High	Compliant	9.40	High	Compliant
D-01-08	Bedroom 1	2.70	Minimum	-	2.70	Minimum	-
D-01-08	Bedroom 2	5.60	High	-	5.60	High	-
D-01-08	Bedroom 3	3.20	Medium	-	3.20	Medium	-
D-01-09	LKD	9.20	High	Compliant	9.20	High	Compliant
D-01-09	Bedroom 1	3.30	Medium	-	3.30	Medium	-
D-01-09	Bedroom 2	2.70	Minimum	-	3.30	Medium	-
D-01-10	LKD	1.00	Below Minimum	-	1.00	Below Minimum	-
D-01-10	Bedroom 1	0.90	Below Minimum	-	0.90	Below Minimum	-
D-01-10	Bedroom 2	2.40	Minimum	Compliant	2.40	Minimum	Compliant
D-01-11	LKD	0.80	Below Minimum	-	0.80	Below Minimum	-
D-01-11	Bedroom 1	0.90	Below Minimum	-	0.90	Below Minimum	-
D-01-11	Bedroom 2	2.00	Minimum	Compliant	2.00	Minimum	Compliant
D-01-12	LKD	0.80	Below Minimum	-	0.80	Below Minimum	-
D-01-12	Bedroom 1	0.90	Below Minimum	-	0.90	Below Minimum	-
D-01-12	Bedroom 2	2.00	Minimum	Compliant	2.00	Minimum	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.
For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.8 - Sunlight Exposure Results: Block D - First Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D-01-13	LKD	1.00	Below Minimum	-	1.00	Below Minimum	-
D-01-13	Bedroom 1	1.10	Below Minimum	-	1.10	Below Minimum	-
D-01-13	Bedroom 2	2.40	Minimum	Compliant	2.40	Minimum	Compliant
D-01-14	LKD	1.00	Below Minimum	-	1.00	Below Minimum	-
D-01-14	Bedroom 1	1.10	Below Minimum	-	1.10	Below Minimum	-
D-01-14	Bedroom 2	2.40	Minimum	Compliant	2.40	Minimum	Compliant
D-01-15	LKD	1.00	Below Minimum	-	1.00	Below Minimum	-
D-01-15	Bedroom 1	1.10	Below Minimum	-	1.10	Below Minimum	-
D-01-15	Bedroom 2	2.40	Minimum	Compliant	2.40	Minimum	Compliant
D-01-16	LKD	9.40	High	Compliant	9.40	High	Compliant
D-01-16	Bedroom 1	3.10	Medium	-	3.10	Medium	-
D-01-16	Bedroom 2	3.50	Medium	-	3.50	Medium	-
D-01-17	LKD	7.70	High	Compliant	7.70	High	Compliant
D-01-17	Bedroom 1	3.00	Medium	-	3.00	Medium	-
D-01-17	Bedroom 2	6.60	High	-	6.60	High	-
D-01-17	Bedroom 3	3.30	Medium	-	3.30	Medium	-
D-01-18	LKD	1.00	Below Minimum	-	1.00	Below Minimum	-
D-01-18	Bedroom 1	2.50	Minimum	Compliant	2.50	Minimum	Compliant
D-01-18	Bedroom 2	0.70	Below Minimum	-	0.70	Below Minimum	-
D-01-19	LKD	2.00	Minimum	Compliant	2.00	Minimum	Compliant
D-01-19	Bedroom	1.60	Minimum	-	1.60	Minimum	-
D-01-20	LKD	0.50	Below Minimum	-	0.50	Below Minimum	-
D-01-20	Bedroom 1	0.60	Below Minimum	Non-Compliant	0.60	Below Minimum	Non-Compliant
D-01-20	Bedroom 2	0.50	Below Minimum	-	0.50	Below Minimum	-
D-01-21	LKD	0.50	Below Minimum	-	0.50	Below Minimum	-
D-01-21	Bedroom 1	1.60	Minimum	Compliant	1.60	Minimum	Compliant
D-01-21	Bedroom 2	1.60	Minimum	Compliant	1.60	Minimum	Compliant
D-01-22	LKD	0.60	Below Minimum	Non-Compliant	0.60	Below Minimum	Non-Compliant
D-01-22	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-01-22	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D-01-22	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
D-01-23	LKD	1.20	Below Minimum	Non-Compliant	1.20	Below Minimum	Non-Compliant
D-01-23	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
D-01-24	LKD	3.90	Medium	Compliant	3.90	Medium	Compliant
D-01-24	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-01-24	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.9 SE Results: Block D - Second Floor

Table No. C.3.9 - Sunlight Exposure Results: Block D - Second Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D-02-01	LKD	4.50	High	Compliant	4.50	High	Compliant
D-02-01	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-02-01	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D-02-02	LKD	1.30	Below Minimum	Non-Compliant	1.30	Below Minimum	Non-Compliant
D-02-02	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
D-02-03	LKD	1.30	Below Minimum	Non-Compliant	1.30	Below Minimum	Non-Compliant
D-02-03	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-02-03	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D-02-03	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
D-02-04	LKD	1.10	Below Minimum	-	1.10	Below Minimum	-
D-02-04	Bedroom 1	2.50	Minimum	Compliant	2.50	Minimum	Compliant
D-02-04	Bedroom 2	2.50	Minimum	Compliant	2.50	Minimum	Compliant
D-02-05	LKD	1.10	Below Minimum	-	1.10	Below Minimum	-
D-02-05	Bedroom 1	1.10	Below Minimum	-	1.10	Below Minimum	-
D-02-05	Bedroom 2	1.20	Below Minimum	Non-Compliant	1.20	Below Minimum	Non-Compliant
D-02-06	LKD	3.00	Medium	Compliant	3.00	Medium	Compliant
D-02-06	Bedroom	2.50	Minimum	-	2.50	Minimum	-
D-02-07	LKD	1.10	Below Minimum	-	1.10	Below Minimum	-
D-02-07	Bedroom 1	2.50	Minimum	Compliant	2.50	Minimum	Compliant
D-02-07	Bedroom 2	1.20	Below Minimum	-	1.20	Below Minimum	-
D-02-08	LKD	9.40	High	Compliant	9.40	High	Compliant
D-02-08	Bedroom 1	2.80	Minimum	-	2.80	Minimum	-
D-02-08	Bedroom 2	5.60	High	-	5.60	High	-
D-02-08	Bedroom 3	3.30	Medium	-	3.30	Medium	-
D-02-09	LKD	9.20	High	Compliant	9.20	High	Compliant
D-02-09	Bedroom 1	3.30	Medium	-	3.30	Medium	-
D-02-09	Bedroom 2	3.30	Medium	-	3.30	Medium	-
D-02-10	LKD	1.20	Below Minimum	-	1.20	Below Minimum	-
D-02-10	Bedroom 1	1.20	Below Minimum	-	1.20	Below Minimum	-
D-02-10	Bedroom 2	2.60	Minimum	Compliant	2.60	Minimum	Compliant
D-02-11	LKD	1.20	Below Minimum	-	1.20	Below Minimum	-
D-02-11	Bedroom 1	1.20	Below Minimum	-	1.20	Below Minimum	-
D-02-11	Bedroom 2	2.40	Minimum	Compliant	2.40	Minimum	Compliant
D-02-12	LKD	1.20	Below Minimum	-	1.20	Below Minimum	-
D-02-12	Bedroom 1	1.20	Below Minimum	-	1.20	Below Minimum	-
D-02-12	Bedroom 2	2.40	Minimum	Compliant	2.40	Minimum	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.9 - Sunlight Exposure Results: Block D - Second Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D-02-13	LKD	1.50	Minimum	-	1.50	Minimum	-
D-02-13	Bedroom 1	1.50	Minimum	-	1.50	Minimum	-
D-02-13	Bedroom 2	2.90	Minimum	Compliant	2.90	Minimum	Compliant
D-02-14	LKD	1.50	Minimum	-	1.50	Minimum	-
D-02-14	Bedroom 1	1.50	Minimum	-	1.50	Minimum	-
D-02-14	Bedroom 2	2.90	Minimum	Compliant	2.90	Minimum	Compliant
D-02-15	LKD	1.50	Minimum	-	1.50	Minimum	-
D-02-15	Bedroom 1	1.50	Minimum	-	1.50	Minimum	-
D-02-15	Bedroom 2	2.90	Minimum	Compliant	2.90	Minimum	Compliant
D-02-16	LKD	9.40	High	Compliant	9.40	High	Compliant
D-02-16	Bedroom 1	3.40	Medium	-	3.40	Medium	-
D-02-16	Bedroom 2	3.60	Medium	-	3.60	Medium	-
D-02-17	LKD	7.70	High	Compliant	7.70	High	Compliant
D-02-17	Bedroom 1	3.00	Medium	-	3.00	Medium	-
D-02-17	Bedroom 2	6.60	High	-	6.60	High	-
D-02-17	Bedroom 3	3.30	Medium	-	3.30	Medium	-
D-02-18	LKD	1.10	Below Minimum	-	1.10	Below Minimum	-
D-02-18	Bedroom 1	2.50	Minimum	Compliant	2.50	Minimum	Compliant
D-02-18	Bedroom 2	0.90	Below Minimum	-	0.90	Below Minimum	-
D-02-19	LKD	2.40	Minimum	Compliant	2.40	Minimum	Compliant
D-02-19	Bedroom	2.00	Minimum	-	2.00	Minimum	-
D-02-20	LKD	0.90	Below Minimum	-	0.90	Below Minimum	-
D-02-20	Bedroom 1	1.00	Below Minimum	Non-Compliant	1.00	Below Minimum	Non-Compliant
D-02-20	Bedroom 2	0.90	Below Minimum	-	0.90	Below Minimum	-
D-02-21	LKD	0.90	Below Minimum	-	0.90	Below Minimum	-
D-02-21	Bedroom 1	2.00	Minimum	Compliant	2.00	Minimum	Compliant
D-02-21	Bedroom 2	2.00	Minimum	Compliant	2.00	Minimum	Compliant
D-02-22	LKD	1.00	Below Minimum	Non-Compliant	1.00	Below Minimum	Non-Compliant
D-02-22	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-02-22	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D-02-22	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
D-02-23	LKD	1.20	Below Minimum	Non-Compliant	1.20	Below Minimum	Non-Compliant
D-02-23	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
D-02-24	LKD	4.60	High	Compliant	4.60	High	Compliant
D-02-24	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-02-24	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.
For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.10 SE Results: Block D - Third Floor

Table No. C.3.10 - Sunlight Exposure Results: Block D - Third Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D-03-01	LKD	5.60	High	Compliant	5.60	High	Compliant
D-03-01	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-03-01	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D-03-02	LKD	1.60	Minimum	Compliant	1.60	Minimum	Compliant
D-03-02	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
D-03-03	LKD	2.10	Minimum	Compliant	2.10	Minimum	Compliant
D-03-03	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-03-03	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D-03-03	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
D-03-04	LKD	1.70	Minimum	-	1.70	Minimum	-
D-03-04	Bedroom 1	3.10	Medium	Compliant	3.10	Medium	Compliant
D-03-04	Bedroom 2	3.10	Medium	Compliant	3.10	Medium	Compliant
D-03-05	LKD	1.70	Minimum	-	1.70	Minimum	-
D-03-05	Bedroom 1	1.70	Minimum	-	1.70	Minimum	-
D-03-05	Bedroom 2	1.80	Minimum	Compliant	1.80	Minimum	Compliant
D-03-06	LKD	3.60	Medium	Compliant	3.60	Medium	Compliant
D-03-06	Bedroom	3.10	Medium	-	3.10	Medium	-
D-03-07	LKD	1.70	Minimum	-	1.70	Minimum	-
D-03-07	Bedroom 1	3.10	Medium	Compliant	3.10	Medium	Compliant
D-03-07	Bedroom 2	1.80	Minimum	-	1.80	Minimum	-
D-03-08	LKD	9.40	High	Compliant	9.40	High	Compliant
D-03-08	Bedroom 1	3.10	Medium	-	3.10	Medium	-
D-03-08	Bedroom 2	5.60	High	-	5.60	High	-
D-03-08	Bedroom 3	3.40	Medium	-	3.40	Medium	-
D-03-09	LKD	9.20	High	Compliant	9.20	High	Compliant
D-03-09	Bedroom 1	3.30	Medium	-	3.30	Medium	-
D-03-09	Bedroom 2	3.30	Medium	-	3.30	Medium	-
D-03-10	LKD	1.70	Minimum	-	1.70	Minimum	-
D-03-10	Bedroom 1	1.70	Minimum	-	1.70	Minimum	-
D-03-10	Bedroom 2	2.80	Minimum	Compliant	2.80	Minimum	Compliant
D-03-11	LKD	1.70	Minimum	-	1.70	Minimum	-
D-03-11	Bedroom 1	1.70	Minimum	-	1.70	Minimum	-
D-03-11	Bedroom 2	2.80	Minimum	Compliant	2.80	Minimum	Compliant
D-03-12	LKD	1.70	Minimum	-	1.70	Minimum	-
D-03-12	Bedroom 1	1.70	Minimum	-	1.70	Minimum	-
D-03-12	Bedroom 2	2.80	Minimum	Compliant	2.80	Minimum	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.
For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.10 - Sunlight Exposure Results: Block D - Third Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D-03-13	LKD	2.10	Minimum	-	2.10	Minimum	-
D-03-13	Bedroom 1	2.10	Minimum	-	2.10	Minimum	-
D-03-13	Bedroom 2	3.50	Medium	Compliant	3.50	Medium	Compliant
D-03-14	LKD	2.10	Minimum	-	2.10	Minimum	-
D-03-14	Bedroom 1	2.10	Minimum	-	2.10	Minimum	-
D-03-14	Bedroom 2	3.50	Medium	Compliant	3.50	Medium	Compliant
D-03-15	LKD	2.10	Minimum	-	2.10	Minimum	-
D-03-15	Bedroom 1	2.10	Minimum	-	2.10	Minimum	-
D-03-15	Bedroom 2	3.50	Medium	Compliant	3.50	Medium	Compliant
D-03-16	LKD	9.40	High	Compliant	9.40	High	Compliant
D-03-16	Bedroom 1	3.50	Medium	-	3.50	Medium	-
D-03-16	Bedroom 2	3.90	Medium	-	3.90	Medium	-
D-03-17	LKD	7.70	High	Compliant	7.70	High	Compliant
D-03-17	Bedroom 1	3.10	Medium	-	3.10	Medium	-
D-03-17	Bedroom 2	6.60	High	-	6.60	High	-
D-03-17	Bedroom 3	3.30	Medium	-	3.30	Medium	-
D-03-18	LKD	1.40	Below Minimum	-	1.40	Below Minimum	-
D-03-18	Bedroom 1	2.60	Minimum	Compliant	2.60	Minimum	Compliant
D-03-18	Bedroom 2	1.50	Minimum	-	1.50	Minimum	-
D-03-19	LKD	2.90	Minimum	Compliant	2.90	Minimum	Compliant
D-03-19	Bedroom	2.60	Minimum	-	2.60	Minimum	-
D-03-20	LKD	1.40	Below Minimum	-	1.40	Below Minimum	-
D-03-20	Bedroom 1	1.50	Minimum	Compliant	1.50	Minimum	Compliant
D-03-20	Bedroom 2	1.50	Minimum	Compliant	1.50	Minimum	Compliant
D-03-21	LKD	1.40	Below Minimum	-	1.40	Below Minimum	-
D-03-21	Bedroom 1	2.60	Minimum	Compliant	2.60	Minimum	Compliant
D-03-21	Bedroom 2	2.60	Minimum	Compliant	2.60	Minimum	Compliant
D-03-22	LKD	1.50	Minimum	Compliant	1.50	Minimum	Compliant
D-03-22	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-03-22	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D-03-22	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
D-03-23	LKD	1.50	Minimum	Compliant	1.50	Minimum	Compliant
D-03-23	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
D-03-24	LKD	5.70	High	Compliant	5.70	High	Compliant
D-03-24	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-03-24	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.
For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.11 SE Results: Block D - Fourth Floor

Table No. C.3.11 - Sunlight Exposure Results: Block D - Fourth Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D-04-01	LKD	7.20	High	Compliant	7.20	High	Compliant
D-04-01	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-04-01	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D-04-02	LKD	2.70	Minimum	Compliant	2.70	Minimum	Compliant
D-04-02	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
D-04-03	LKD	2.90	Minimum	Compliant	2.90	Minimum	Compliant
D-04-03	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-04-03	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D-04-03	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
D-04-04	LKD	2.40	Minimum	-	2.40	Minimum	-
D-04-04	Bedroom 1	3.90	Medium	Compliant	3.90	Medium	Compliant
D-04-04	Bedroom 2	3.90	Medium	Compliant	3.90	Medium	Compliant
D-04-05	LKD	2.40	Minimum	-	2.40	Minimum	-
D-04-05	Bedroom 1	2.50	Minimum	Compliant	2.50	Minimum	Compliant
D-04-05	Bedroom 2	2.50	Minimum	Compliant	2.50	Minimum	Compliant
D-04-06	LKD	4.40	High	Compliant	4.40	High	Compliant
D-04-06	Bedroom	3.90	Medium	-	3.90	Medium	-
D-04-07	LKD	2.50	Minimum	-	2.50	Minimum	-
D-04-07	Bedroom 1	3.90	Medium	Compliant	3.90	Medium	Compliant
D-04-07	Bedroom 2	2.50	Minimum	-	2.50	Minimum	-
D-04-08	LKD	9.40	High	Compliant	9.40	High	Compliant
D-04-08	Bedroom 1	3.90	Medium	-	3.90	Medium	-
D-04-08	Bedroom 2	6.60	High	-	6.60	High	-
D-04-08	Bedroom 3	3.90	Medium	-	3.90	Medium	-
D-04-09	LKD	9.40	High	Compliant	9.40	High	Compliant
D-04-09	Bedroom 1	3.30	Medium	-	3.30	Medium	-
D-04-09	Bedroom 2	3.30	Medium	-	3.30	Medium	-
D-04-10	LKD	2.10	Minimum	-	2.10	Minimum	-
D-04-10	Bedroom 1	2.20	Minimum	-	2.20	Minimum	-
D-04-10	Bedroom 2	3.30	Medium	Compliant	3.30	Medium	Compliant
D-04-11	LKD	2.10	Minimum	-	2.10	Minimum	-
D-04-11	Bedroom 1	2.20	Minimum	-	2.20	Minimum	-
D-04-11	Bedroom 2	3.30	Medium	Compliant	3.30	Medium	Compliant
D-04-12	LKD	2.10	Minimum	-	2.10	Minimum	-
D-04-12	Bedroom 1	2.20	Minimum	-	2.20	Minimum	-
D-04-12	Bedroom 2	3.30	Medium	Compliant	3.30	Medium	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.
For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.11 - Sunlight Exposure Results: Block D - Fourth Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D-04-13	LKD	2.70	Minimum	-	2.70	Minimum	-
D-04-13	Bedroom 1	2.70	Minimum	-	2.70	Minimum	-
D-04-13	Bedroom 2	4.10	High	Compliant	4.10	High	Compliant
D-04-14	LKD	2.70	Minimum	-	2.70	Minimum	-
D-04-14	Bedroom 1	2.70	Minimum	-	2.70	Minimum	-
D-04-14	Bedroom 2	4.10	High	Compliant	4.10	High	Compliant
D-04-15	LKD	2.70	Minimum	-	2.70	Minimum	-
D-04-15	Bedroom 1	2.70	Minimum	-	2.70	Minimum	-
D-04-15	Bedroom 2	4.10	High	Compliant	4.10	High	Compliant
D-04-16	LKD	9.40	High	Compliant	9.40	High	Compliant
D-04-16	Bedroom 1	4.10	High	-	4.10	High	-
D-04-16	Bedroom 2	4.10	High	-	4.10	High	-
D-04-17	LKD	9.10	High	Compliant	9.10	High	Compliant
D-04-17	Bedroom 1	3.20	Medium	-	3.20	Medium	-
D-04-17	Bedroom 2	6.60	High	-	6.60	High	-
D-04-17	Bedroom 3	3.30	Medium	-	3.30	Medium	-
D-04-18	LKD	2.10	Minimum	-	2.10	Minimum	-
D-04-18	Bedroom 1	3.20	Medium	Compliant	3.20	Medium	Compliant
D-04-18	Bedroom 2	2.10	Minimum	-	2.10	Minimum	-
D-04-19	LKD	3.70	Medium	Compliant	3.70	Medium	Compliant
D-04-19	Bedroom	3.20	Medium	-	3.20	Medium	-
D-04-20	LKD	2.10	Minimum	Compliant	2.10	Minimum	Compliant
D-04-20	Bedroom 1	2.10	Minimum	Compliant	2.10	Minimum	Compliant
D-04-20	Bedroom 2	2.10	Minimum	Compliant	2.10	Minimum	Compliant
D-04-21	LKD	2.10	Minimum	-	2.10	Minimum	-
D-04-21	Bedroom 1	3.20	Medium	Compliant	3.20	Medium	Compliant
D-04-21	Bedroom 2	3.20	Medium	Compliant	3.20	Medium	Compliant
D-04-22	LKD	2.00	Minimum	Compliant	2.00	Minimum	Compliant
D-04-22	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-04-22	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D-04-22	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
D-04-23	LKD	2.70	Minimum	Compliant	2.70	Minimum	Compliant
D-04-23	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
D-04-24	LKD	7.40	High	Compliant	7.40	High	Compliant
D-04-24	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D-04-24	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.
For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.12 SE Results: Block D - Fifth Floor

Table No. C.3.12 - Sunlight Exposure Results: Block D - Fifth Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D-05-01	LKD	3.30	Medium	Compliant	3.30	Medium	Compliant
D-05-01	Bedroom	3.30	Medium	Compliant	3.30	Medium	Compliant
D-05-02	LKD	4.40	High	Compliant	4.40	High	Compliant
D-05-02	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
D-05-03	LKD	4.60	High	Compliant	4.60	High	Compliant
D-05-03	Bedroom 1	4.00	High	-	4.00	High	-
D-05-03	Bedroom 2	4.10	High	-	4.10	High	-
D-05-04	LKD	4.60	High	Compliant	4.60	High	Compliant
D-05-04	Bedroom 1	4.10	High	-	4.10	High	-
D-05-04	Bedroom 2	4.10	High	-	4.10	High	-
D-05-05	LKD	4.60	High	Compliant	4.60	High	Compliant
D-05-05	Bedroom	4.10	High	-	4.10	High	-
D-05-06	LKD	4.60	High	Compliant	4.60	High	Compliant
D-05-06	Bedroom 1	4.10	High	-	4.10	High	-
D-05-06	Bedroom 2	4.10	High	-	4.10	High	-
D-05-07	LKD	9.40	High	Compliant	9.40	High	Compliant
D-05-07	Bedroom 1	4.10	High	-	4.10	High	-
D-05-07	Bedroom 2	4.10	High	-	4.10	High	-
D-05-08	LKD	9.40	High	Compliant	9.40	High	Compliant
D-05-08	Bedroom 1	3.30	Medium	-	3.30	Medium	-
D-05-09	LKD	3.90	Medium	Compliant	3.90	Medium	Compliant
D-05-09	Bedroom 1	3.30	Medium	-	3.30	Medium	-
D-05-09	Bedroom 2	3.30	Medium	-	3.30	Medium	-
D-05-10	LKD	3.90	Medium	Compliant	3.90	Medium	Compliant
D-05-10	Bedroom 1	3.30	Medium	-	3.30	Medium	-
D-05-10	Bedroom 2	3.30	Medium	-	3.30	Medium	-
D-05-11	LKD	3.90	Medium	Compliant	3.90	Medium	Compliant
D-05-11	Bedroom 1	3.30	Medium	-	3.30	Medium	-
D-05-11	Bedroom 2	3.30	Medium	-	3.30	Medium	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.12 - Sunlight Exposure Results: Block D - Fifth Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D-05-12	LKD	4.70	High	Compliant	4.70	High	Compliant
D-05-12	Bedroom 1	4.10	High	-	4.10	High	-
D-05-12	Bedroom 2	4.10	High	-	4.10	High	-
D-05-13	LKD	4.70	High	Compliant	4.70	High	Compliant
D-05-13	Bedroom 1	4.10	High	-	4.10	High	-
D-05-13	Bedroom 2	4.10	High	-	4.10	High	-
D-05-14	LKD	4.70	High	Compliant	4.70	High	Compliant
D-05-14	Bedroom 1	4.10	High	-	4.10	High	-
D-05-14	Bedroom 2	3.90	Medium	-	3.90	Medium	-
D-05-15	LKD	9.40	High	Compliant	9.40	High	Compliant
D-05-15	Bedroom	4.10	High	-	4.10	High	-
D-05-16	LKD	9.40	High	Compliant	9.40	High	Compliant
D-05-16	Bedroom 1	3.30	Medium	-	3.30	Medium	-
D-05-16	Bedroom 2	3.30	Medium	-	3.30	Medium	-
D-05-17	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
D-05-17	Bedroom 1	3.30	Medium	-	3.30	Medium	-
D-05-17	Bedroom 2	3.30	Medium	-	3.30	Medium	-
D-05-18	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
D-05-18	Bedroom	3.30	Medium	-	3.30	Medium	-
D-05-19	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
D-05-19	Bedroom 1	3.30	Medium	-	3.30	Medium	-
D-05-19	Bedroom 2	3.30	Medium	-	3.30	Medium	-
D-05-20	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
D-05-20	Bedroom 1	3.30	Medium	-	3.30	Medium	-
D-05-20	Bedroom 2	3.30	Medium	-	3.30	Medium	-
D-05-21	LKD	3.70	Medium	Compliant	3.70	Medium	Compliant
D-05-21	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
D-05-22	LKD	4.10	High	Compliant	4.10	High	Compliant
D-05-22	Bedroom	4.10	High	Compliant	4.10	High	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.13 SE Results: Block E - Ground Floor

Table No. C.3.13 - Sunlight Exposure Results: Block E - Ground Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
E-00-01	LKD	1.10	Below Minimum	-	3.10	Medium	Compliant
E-00-01	Bedroom 1	0.50	Below Minimum	-	2.50	Minimum	-
E-00-01	Bedroom 2	2.30	Minimum	Compliant	2.50	Minimum	-
E-00-02	LKD	2.00	Minimum	Compliant	2.50	Minimum	Compliant
E-00-02	Bedroom	0.30	Below Minimum	-	1.90	Minimum	-
E-00-03	LKD	0.00	Below Minimum	Non-Compliant	3.10	Medium	Compliant
E-00-03	Bedroom 1	0.00	Below Minimum	Non-Compliant	2.50	Minimum	-
E-00-03	Bedroom 2	0.00	Below Minimum	Non-Compliant	1.90	Minimum	-
E-00-04	LKD	6.60	High	Compliant	6.60	High	-
E-00-04	Bedroom 1	0.00	Below Minimum	-	2.50	Minimum	-
E-00-04	Bedroom 2	5.20	High	-	7.60	High	Compliant
E-00-04	Bedroom 3	0.00	Below Minimum	-	2.50	Minimum	-
E-00-05	LKD	8.20	High	Compliant	9.40	High	Compliant
E-00-05	Bedroom 1	4.50	High	-	7.60	High	-
E-00-05	Bedroom 2	3.90	Medium	-	7.00	High	-
E-00-06	LKD	0.00	Below Minimum	-	0.00	Below Minimum	-
E-00-06	Bedroom	4.60	High	Compliant	4.60	High	Compliant
E-00-07	LKD	1.70	Minimum	Compliant	1.70	Minimum	-
E-00-07	Bedroom 1	1.30	Below Minimum	-	2.10	Minimum	Compliant
E-00-07	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
E-00-08	LKD	0.40	Below Minimum	-	1.80	Minimum	-
E-00-08	Bedroom 1	0.10	Below Minimum	-	1.80	Minimum	-
E-00-08	Bedroom 2	0.60	Below Minimum	Non-Compliant	2.60	Minimum	Compliant
E-00-09	LKD	0.00	Below Minimum	-	1.30	Below Minimum	-
E-00-09	Bedroom 1	0.00	Below Minimum	-	1.40	Below Minimum	Non-Compliant
E-00-09	Bedroom 2	1.10	Below Minimum	Non-Compliant	1.10	Below Minimum	-
E-00-10	LKD	2.70	Minimum	Compliant	2.70	Minimum	Compliant
E-00-10	Bedroom	0.80	Below Minimum	-	2.20	Minimum	-
E-00-11	LKD	2.10	Minimum	-	2.10	Minimum	-
E-00-11	Bedroom 1	0.80	Below Minimum	-	1.70	Minimum	-
E-00-11	Bedroom 2	3.40	Medium	Compliant	3.40	Medium	Compliant
E-00-12	LKD	8.30	High	Compliant	9.40	High	Compliant
E-00-12	Bedroom 1	0.10	Below Minimum	-	4.10	High	-
E-00-12	Bedroom 2	1.00	Below Minimum	-	4.10	High	-
E-00-13	LKD	3.90	Medium	Compliant	8.80	High	Compliant
E-00-13	Bedroom 1	0.80	Below Minimum	-	3.10	Medium	-
E-00-13	Bedroom 2	1.20	Below Minimum	-	6.60	High	-
E-00-13	Bedroom 3	1.40	Below Minimum	-	3.30	Medium	-
E-00-14	LKD	2.30	Minimum	Compliant	2.30	Minimum	Compliant
E-00-14	Bedroom	0.00	Below Minimum	-	0.90	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.13 - Sunlight Exposure Results: Block E - Ground Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
E-00-15	LKD	0.70	Below Minimum	Non-Compliant	1.70	Minimum	Compliant
E-00-15	Bedroom	0.50	Below Minimum	-	0.50	Below Minimum	-
E-00-16	LKD	1.50	Minimum	Compliant	1.50	Minimum	Compliant
E-00-16	Bedroom	0.50	Below Minimum	-	0.50	Below Minimum	-
E-00-17	LKD	1.90	Minimum	Compliant	1.90	Minimum	Compliant
E-00-17	Bedroom 1	0.90	Below Minimum	-	1.30	Below Minimum	-
E-00-17	Bedroom 2	1.30	Below Minimum	-	1.30	Below Minimum	-
E-00-18	LKD	0.50	Below Minimum	Non-Compliant	0.50	Below Minimum	Non-Compliant
E-00-18	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
E-00-18	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
E-00-19	LKD	2.20	Minimum	Compliant	2.20	Minimum	Compliant
E-00-19	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
E-00-20	LKD	1.10	Below Minimum	Non-Compliant	1.10	Below Minimum	Non-Compliant
E-00-20	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
E-00-20	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-

C.3.14 SE Results: Block E - First Floor

Table No. C.3.14 - Sunlight Exposure Results: Block E - First Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
E-01-01	LKD	2.80	Minimum	Compliant	2.80	Minimum	Compliant
E-01-01	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
E-01-01	Bedroom 2	2.50	Minimum	-	2.50	Minimum	-
E-01-02	LKD	2.60	Minimum	Compliant	2.60	Minimum	Compliant
E-01-02	Bedroom	1.70	Minimum	-	1.70	Minimum	-
E-01-03	LKD	2.80	Minimum	Compliant	2.80	Minimum	Compliant
E-01-03	Bedroom 1	2.30	Minimum	-	2.50	Minimum	-
E-01-03	Bedroom 2	1.70	Minimum	-	1.70	Minimum	-
E-01-04	LKD	5.30	High	-	5.30	High	-
E-01-04	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
E-01-04	Bedroom 2	7.60	High	Compliant	7.60	High	Compliant
E-01-04	Bedroom 3	2.40	Minimum	-	2.50	Minimum	-
E-01-05	LKD	9.10	High	Compliant	9.40	High	Compliant
E-01-05	Bedroom 1	7.60	High	-	7.60	High	-
E-01-05	Bedroom 2	7.00	High	-	7.00	High	-
E-01-06	LKD	0.00	Below Minimum	-	0.00	Below Minimum	-
E-01-06	Bedroom	4.30	High	Compliant	4.60	High	Compliant
E-01-07	LKD	1.90	Minimum	Compliant	1.90	Minimum	-
E-01-07	Bedroom 1	1.90	Minimum	Compliant	2.10	Minimum	Compliant
E-01-07	Bedroom 2	1.00	Below Minimum	-	1.00	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.14 - Sunlight Exposure Results: Block E - First Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
E-01-08	LKD	1.80	Minimum	-	1.80	Minimum	-
E-01-08	Bedroom 1	1.80	Minimum	-	1.80	Minimum	-
E-01-08	Bedroom 2	3.00	Medium	Compliant	3.00	Medium	Compliant
E-01-09	LKD	0.20	Below Minimum	-	1.50	Minimum	-
E-01-09	Bedroom 1	1.40	Below Minimum	Non-Compliant	1.40	Below Minimum	-
E-01-09	Bedroom 2	0.90	Below Minimum	-	1.70	Minimum	Compliant
E-01-10	LKD	3.00	Medium	Compliant	3.00	Medium	Compliant
E-01-10	Bedroom	2.70	Minimum	-	2.70	Minimum	-
E-01-11	LKD	1.70	Minimum	-	1.70	Minimum	-
E-01-11	Bedroom 1	1.40	Below Minimum	-	1.40	Below Minimum	-
E-01-11	Bedroom 2	3.50	Medium	Compliant	3.50	Medium	Compliant
E-01-12	LKD	9.40	High	Compliant	9.40	High	Compliant
E-01-12	Bedroom 1	3.20	Medium	-	4.10	High	-
E-01-12	Bedroom 2	0.40	Below Minimum	-	4.10	High	-
E-01-13	LKD	7.80	High	Compliant	7.80	High	Compliant
E-01-13	Bedroom 1	3.10	Medium	-	3.10	Medium	-
E-01-13	Bedroom 2	6.60	High	-	6.60	High	-
E-01-13	Bedroom 3	1.70	Minimum	-	3.30	Medium	-
E-01-14	LKD	1.00	Below Minimum	-	1.00	Below Minimum	-
E-01-14	Bedroom 1	2.60	Minimum	Compliant	2.60	Minimum	Compliant
E-01-14	Bedroom 2	0.70	Below Minimum	-	0.70	Below Minimum	-
E-01-15	LKD	1.80	Minimum	Compliant	1.80	Minimum	Compliant
E-01-15	Bedroom	0.50	Below Minimum	-	0.50	Below Minimum	-
E-01-16	LKD	1.80	Minimum	Compliant	1.80	Minimum	Compliant
E-01-16	Bedroom	0.50	Below Minimum	-	0.50	Below Minimum	-
E-01-17	LKD	0.50	Below Minimum	-	0.50	Below Minimum	-
E-01-17	Bedroom 1	1.60	Minimum	Compliant	1.60	Minimum	Compliant
E-01-17	Bedroom 2	1.60	Minimum	Compliant	1.60	Minimum	Compliant
E-01-18	LKD	0.60	Below Minimum	Non-Compliant	0.60	Below Minimum	Non-Compliant
E-01-18	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
E-01-18	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
E-01-18	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
E-01-19	LKD	2.10	Minimum	Compliant	2.10	Minimum	Compliant
E-01-19	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
E-01-20	LKD	2.40	Minimum	Compliant	2.40	Minimum	Compliant
E-01-20	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
E-01-21	LKD	1.10	Below Minimum	Non-Compliant	1.10	Below Minimum	Non-Compliant
E-01-21	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
E-01-21	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
E-01-22	LKD	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant
E-01-22	Bedroom	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.
For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.15 SE Results: Block E - Second Floor

Table No. C.3.15 - Sunlight Exposure Results: Block E - Second Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
E-02-01	LKD	2.80	Minimum	Compliant	2.80	Minimum	Compliant
E-02-01	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
E-02-01	Bedroom 2	2.50	Minimum	-	2.50	Minimum	-
E-02-02	LKD	2.60	Minimum	Compliant	2.60	Minimum	Compliant
E-02-02	Bedroom	1.70	Minimum	-	1.70	Minimum	-
E-02-03	LKD	2.80	Minimum	Compliant	2.80	Minimum	Compliant
E-02-03	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
E-02-03	Bedroom 2	1.70	Minimum	-	1.70	Minimum	-
E-02-04	LKD	5.30	High	-	5.30	High	-
E-02-04	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
E-02-04	Bedroom 2	7.60	High	Compliant	7.60	High	Compliant
E-02-04	Bedroom 3	2.50	Minimum	-	2.50	Minimum	-
E-02-05	LKD	9.40	High	Compliant	9.40	High	Compliant
E-02-05	Bedroom 1	7.60	High	-	7.60	High	-
E-02-05	Bedroom 2	7.00	High	-	7.00	High	-
E-02-06	LKD	0.00	Below Minimum	-	0.00	Below Minimum	-
E-02-06	Bedroom	4.80	High	Compliant	4.80	High	Compliant
E-02-07	LKD	2.30	Minimum	-	2.30	Minimum	-
E-02-07	Bedroom 1	2.50	Minimum	Compliant	2.50	Minimum	Compliant
E-02-07	Bedroom 2	1.40	Below Minimum	-	1.40	Below Minimum	-
E-02-08	LKD	2.20	Minimum	-	2.20	Minimum	-
E-02-08	Bedroom 1	2.20	Minimum	-	2.20	Minimum	-
E-02-08	Bedroom 2	3.60	Medium	Compliant	3.60	Medium	Compliant
E-02-09	LKD	1.80	Minimum	-	1.80	Minimum	-
E-02-09	Bedroom 1	1.70	Minimum	-	1.70	Minimum	-
E-02-09	Bedroom 2	2.10	Minimum	Compliant	2.10	Minimum	Compliant
E-02-10	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
E-02-10	Bedroom	3.00	Medium	-	3.00	Medium	-
E-02-11	LKD	1.80	Minimum	-	1.80	Minimum	-
E-02-11	Bedroom 1	1.80	Minimum	-	1.80	Minimum	-
E-02-11	Bedroom 2	3.60	Medium	Compliant	3.60	Medium	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.15 - Sunlight Exposure Results: Block E - Second Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
E-02-12	LKD	9.40	High	Compliant	9.40	High	Compliant
E-02-12	Bedroom 1	4.10	High	-	4.10	High	-
E-02-12	Bedroom 2	4.10	High	-	4.10	High	-
E-02-13	LKD	7.80	High	Compliant	7.80	High	Compliant
E-02-13	Bedroom 1	3.10	Medium	-	3.10	Medium	-
E-02-13	Bedroom 2	6.60	High	-	6.60	High	-
E-02-13	Bedroom 3	3.30	Medium	-	3.30	Medium	-
E-02-14	LKD	1.10	Below Minimum	-	1.10	Below Minimum	-
E-02-14	Bedroom 1	2.70	Minimum	Compliant	2.70	Minimum	Compliant
E-02-14	Bedroom 2	0.90	Below Minimum	-	0.90	Below Minimum	-
E-02-15	LKD	2.20	Minimum	Compliant	2.20	Minimum	Compliant
E-02-15	Bedroom	0.90	Below Minimum	-	0.90	Below Minimum	-
E-02-16	LKD	2.20	Minimum	Compliant	2.20	Minimum	Compliant
E-02-16	Bedroom	0.90	Below Minimum	-	0.90	Below Minimum	-
E-02-17	LKD	0.90	Below Minimum	-	0.90	Below Minimum	-
E-02-17	Bedroom 1	2.00	Minimum	Compliant	2.00	Minimum	Compliant
E-02-17	Bedroom 2	2.00	Minimum	Compliant	2.00	Minimum	Compliant
E-02-18	LKD	1.00	Below Minimum	Non-Compliant	1.00	Below Minimum	Non-Compliant
E-02-18	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
E-02-18	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
E-02-18	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
E-02-19	LKD	2.10	Minimum	Compliant	2.10	Minimum	Compliant
E-02-19	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
E-02-20	LKD	2.50	Minimum	Compliant	2.50	Minimum	Compliant
E-02-20	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
E-02-21	LKD	1.10	Below Minimum	Non-Compliant	1.10	Below Minimum	Non-Compliant
E-02-21	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
E-02-21	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
E-02-22	LKD	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant
E-02-22	Bedroom	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.16 SE Results: Block E - Third Floor

Table No. C.3.16 - Sunlight Exposure Results: Block E - Third Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
E-03-01	LKD	2.80	Minimum	Compliant	2.80	Minimum	Compliant
E-03-01	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
E-03-01	Bedroom 2	2.50	Minimum	-	2.50	Minimum	-
E-03-02	LKD	2.60	Minimum	Compliant	2.60	Minimum	Compliant
E-03-02	Bedroom	1.70	Minimum	-	1.70	Minimum	-
E-03-03	LKD	2.80	Minimum	Compliant	2.80	Minimum	Compliant
E-03-03	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
E-03-03	Bedroom 2	1.70	Minimum	-	1.70	Minimum	-
E-03-04	LKD	5.30	High	-	5.30	High	-
E-03-04	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
E-03-04	Bedroom 2	7.60	High	Compliant	7.60	High	Compliant
E-03-04	Bedroom 3	2.50	Minimum	-	2.50	Minimum	-
E-03-05	LKD	9.40	High	Compliant	9.40	High	Compliant
E-03-05	Bedroom 1	7.60	High	-	7.60	High	-
E-03-05	Bedroom 2	7.00	High	-	7.00	High	-
E-03-06	LKD	0.00	Below Minimum	-	0.00	Below Minimum	-
E-03-06	Bedroom	4.80	High	Compliant	4.80	High	Compliant
E-03-07	LKD	2.90	Minimum	Compliant	2.90	Minimum	Compliant
E-03-07	Bedroom 1	2.90	Minimum	Compliant	2.90	Minimum	Compliant
E-03-07	Bedroom 2	1.80	Minimum	-	1.80	Minimum	-
E-03-08	LKD	2.70	Minimum	-	2.70	Minimum	-
E-03-08	Bedroom 1	2.60	Minimum	-	2.60	Minimum	-
E-03-08	Bedroom 2	4.40	High	Compliant	4.40	High	Compliant
E-03-09	LKD	2.20	Minimum	-	2.20	Minimum	-
E-03-09	Bedroom 1	2.20	Minimum	-	2.20	Minimum	-
E-03-09	Bedroom 2	2.50	Minimum	Compliant	2.50	Minimum	Compliant
E-03-10	LKD	4.30	High	Compliant	4.30	High	Compliant
E-03-10	Bedroom	3.80	Medium	-	3.80	Medium	-
E-03-11	LKD	2.20	Minimum	-	2.20	Minimum	-
E-03-11	Bedroom 1	2.20	Minimum	-	2.20	Minimum	-
E-03-11	Bedroom 2	3.70	Medium	Compliant	3.70	Medium	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.16 - Sunlight Exposure Results: Block E - Third Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
E-03-12	LKD	9.40	High	Compliant	9.40	High	Compliant
E-03-12	Bedroom 1	4.10	High	-	4.10	High	-
E-03-12	Bedroom 2	4.10	High	-	4.10	High	-
E-03-13	LKD	7.80	High	Compliant	7.80	High	Compliant
E-03-13	Bedroom 1	3.20	Medium	-	3.20	Medium	-
E-03-13	Bedroom 2	6.60	High	-	6.60	High	-
E-03-13	Bedroom 3	3.30	Medium	-	3.30	Medium	-
E-03-14	LKD	1.40	Below Minimum	-	1.40	Below Minimum	-
E-03-14	Bedroom 1	2.70	Minimum	Compliant	2.70	Minimum	Compliant
E-03-14	Bedroom 2	1.50	Minimum	-	1.50	Minimum	-
E-03-15	LKD	2.80	Minimum	Compliant	2.80	Minimum	Compliant
E-03-15	Bedroom	1.50	Minimum	-	1.50	Minimum	-
E-03-16	LKD	2.80	Minimum	Compliant	2.80	Minimum	Compliant
E-03-16	Bedroom	1.50	Minimum	-	1.50	Minimum	-
E-03-17	LKD	1.40	Below Minimum	-	1.40	Below Minimum	-
E-03-17	Bedroom 1	2.60	Minimum	Compliant	2.60	Minimum	Compliant
E-03-17	Bedroom 2	2.60	Minimum	Compliant	2.60	Minimum	Compliant
E-03-18	LKD	1.50	Minimum	Compliant	1.50	Minimum	Compliant
E-03-18	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
E-03-18	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
E-03-18	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
E-03-19	LKD	3.00	Medium	Compliant	3.00	Medium	Compliant
E-03-19	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
E-03-20	LKD	2.70	Minimum	Compliant	2.70	Minimum	Compliant
E-03-20	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
E-03-21	LKD	1.90	Minimum	Compliant	1.90	Minimum	Compliant
E-03-21	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
E-03-21	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
E-03-22	LKD	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant
E-03-22	Bedroom	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.17 SE Results: Block E - Fourth Floor

Table No. C.3.17 - Sunlight Exposure Results: Block E - Fourth Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
E-04-01	LKD	2.80	Minimum	Compliant	2.80	Minimum	Compliant
E-04-01	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
E-04-01	Bedroom 2	2.50	Minimum	-	2.50	Minimum	-
E-04-02	LKD	2.90	Minimum	Compliant	2.90	Minimum	Compliant
E-04-02	Bedroom	1.70	Minimum	-	1.70	Minimum	-
E-04-03	LKD	2.80	Minimum	Compliant	2.80	Minimum	Compliant
E-04-03	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
E-04-03	Bedroom 2	1.70	Minimum	-	1.70	Minimum	-
E-04-04	LKD	8.40	High	Compliant	8.40	High	Compliant
E-04-04	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
E-04-04	Bedroom 2	7.60	High	-	7.60	High	-
E-04-04	Bedroom 3	2.50	Minimum	-	2.50	Minimum	-
E-04-05	LKD	9.40	High	Compliant	9.40	High	Compliant
E-04-05	Bedroom 1	7.60	High	-	7.60	High	-
E-04-05	Bedroom 2	7.60	High	-	7.60	High	-
E-04-06	LKD	0.00	Below Minimum	-	0.00	Below Minimum	-
E-04-06	Bedroom	4.80	High	Compliant	4.80	High	Compliant
E-04-07	LKD	3.10	Medium	-	3.10	Medium	-
E-04-07	Bedroom 1	3.20	Medium	Compliant	3.20	Medium	Compliant
E-04-07	Bedroom 2	2.00	Minimum	-	2.00	Minimum	-
E-04-08	LKD	3.10	Medium	-	3.10	Medium	-
E-04-08	Bedroom 1	3.20	Medium	-	3.20	Medium	-
E-04-08	Bedroom 2	4.80	High	Compliant	4.80	High	Compliant
E-04-09	LKD	2.70	Minimum	-	2.70	Minimum	-
E-04-09	Bedroom 1	2.70	Minimum	-	2.70	Minimum	-
E-04-09	Bedroom 2	2.80	Minimum	Compliant	2.80	Minimum	Compliant
E-04-10	LKD	4.60	High	Compliant	4.60	High	Compliant
E-04-10	Bedroom	4.10	High	-	4.10	High	-
E-04-11	LKD	2.70	Minimum	-	2.70	Minimum	-
E-04-11	Bedroom 1	2.70	Minimum	-	2.70	Minimum	-
E-04-11	Bedroom 2	4.10	High	Compliant	4.10	High	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.17 - Sunlight Exposure Results: Block E - Fourth Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
E-04-12	LKD	9.40	High	Compliant	9.40	High	Compliant
E-04-12	Bedroom 1	4.10	High	-	4.10	High	-
E-04-12	Bedroom 2	4.10	High	-	4.10	High	-
E-04-13	LKD	9.10	High	Compliant	9.10	High	Compliant
E-04-13	Bedroom 1	3.30	Medium	-	3.30	Medium	-
E-04-13	Bedroom 2	6.60	High	-	6.60	High	-
E-04-13	Bedroom 3	3.30	Medium	-	3.30	Medium	-
E-04-14	LKD	2.10	Minimum	-	2.10	Minimum	-
E-04-14	Bedroom 1	3.20	Medium	Compliant	3.20	Medium	Compliant
E-04-14	Bedroom 2	2.10	Minimum	-	2.10	Minimum	-
E-04-15	LKD	3.70	Medium	Compliant	3.70	Medium	Compliant
E-04-15	Bedroom	2.10	Minimum	-	2.10	Minimum	-
E-04-16	LKD	3.70	Medium	Compliant	3.70	Medium	Compliant
E-04-16	Bedroom	2.10	Minimum	-	2.10	Minimum	-
E-04-17	LKD	2.10	Minimum	-	2.10	Minimum	-
E-04-17	Bedroom 1	3.20	Medium	Compliant	3.20	Medium	Compliant
E-04-17	Bedroom 2	3.20	Medium	Compliant	3.20	Medium	Compliant
E-04-18	LKD	2.00	Minimum	Compliant	2.00	Minimum	Compliant
E-04-18	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
E-04-18	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
E-04-18	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
E-04-19	LKD	5.70	High	Compliant	5.70	High	Compliant
E-04-19	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
E-04-20	LKD	6.80	High	Compliant	6.80	High	Compliant
E-04-20	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
E-04-21	LKD	5.00	High	Compliant	5.00	High	Compliant
E-04-21	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
E-04-21	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
E-04-22	LKD	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant
E-04-22	Bedroom	0.00	Below Minimum	Non-Compliant	0.00	Below Minimum	Non-Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.3.18 SE Results: Block E - Fifth Floor

Table No. C.3.18 - Sunlight Exposure Results: Block E - Fifth Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
E-05-01	LKD	3.10	Medium	Compliant	3.10	Medium	Compliant
E-05-01	Bedroom 1	2.40	Minimum	-	2.40	Minimum	-
E-05-01	Bedroom 2	2.50	Minimum	-	2.50	Minimum	-
E-05-02	LKD	3.10	Medium	Compliant	3.10	Medium	Compliant
E-05-02	Bedroom	2.50	Minimum	-	2.50	Minimum	-
E-05-03	LKD	3.10	Medium	Compliant	3.10	Medium	Compliant
E-05-03	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
E-05-03	Bedroom 2	2.50	Minimum	-	2.50	Minimum	-
E-05-04	LKD	7.90	High	Compliant	7.90	High	Compliant
E-05-04	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
E-05-04	Bedroom 2	2.50	Minimum	-	2.50	Minimum	-
E-05-05	LKD	7.00	High	-	7.00	High	-
E-05-05	Bedroom 1	9.40	High	Compliant	9.40	High	Compliant
E-05-06	LKD	0.00	Below Minimum	-	0.00	Below Minimum	-
E-05-06	Bedroom	4.80	High	Compliant	4.80	High	Compliant
E-05-07	LKD	5.30	High	Compliant	5.30	High	Compliant
E-05-07	Bedroom 1	4.80	High	-	4.80	High	-
E-05-07	Bedroom 2	3.60	Medium	-	3.60	Medium	-
E-05-08	LKD	5.30	High	Compliant	5.30	High	Compliant
E-05-08	Bedroom 1	4.80	High	-	4.80	High	-
E-05-08	Bedroom 2	4.80	High	-	4.80	High	-
E-05-09	LKD	4.60	High	Compliant	4.60	High	Compliant
E-05-09	Bedroom 1	4.10	High	-	4.10	High	-
E-05-09	Bedroom 2	4.10	High	-	4.10	High	-
E-05-10	LKD	4.60	High	Compliant	4.60	High	Compliant
E-05-10	Bedroom	4.10	High	-	4.10	High	-
E-05-11	LKD	4.60	High	Compliant	4.60	High	Compliant
E-05-11	Bedroom 1	4.10	High	-	4.10	High	-
E-05-11	Bedroom 2	4.10	High	-	4.10	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. C.3.18 - Sunlight Exposure Results: Block E - Fifth Floor							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
E-05-12	LKD	9.40	High	Compliant	9.40	High	Compliant
E-05-12	Bedroom	4.10	High	-	4.10	High	-
E-05-13	LKD	9.40	High	Compliant	9.40	High	Compliant
E-05-13	Bedroom 1	3.30	Medium	-	3.30	Medium	-
E-05-13	Bedroom 2	3.30	Medium	-	3.30	Medium	-
E-05-14	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
E-05-14	Bedroom 1	3.30	Medium	-	3.30	Medium	-
E-05-14	Bedroom 2	3.30	Medium	-	3.30	Medium	-
E-05-15	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
E-05-15	Bedroom	3.30	Medium	-	3.30	Medium	-
E-05-16	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
E-05-16	Bedroom	3.30	Medium	-	3.30	Medium	-
E-05-17	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
E-05-17	Bedroom 1	3.30	Medium	-	3.30	Medium	-
E-05-17	Bedroom 2	3.30	Medium	-	3.30	Medium	-
E-05-18	LKD	3.70	Medium	Compliant	3.70	Medium	Compliant
E-05-18	Bedroom	0.00	Below Minimum	-	0.00	Below Minimum	-
E-05-19	LKD	4.10	High	Compliant	4.10	High	Compliant
E-05-19	Bedroom	4.10	High	Compliant	4.10	High	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.3 on page 27.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 14.

For floor plans of the assessed units please refer to section C.1 on page 68.

C.4 Sun On Ground (SOG) in Proposed Outdoor Amenity Areas

Below is an example of the table used to describe SOG in proposed gardens and amenity spaces.

	Table Example. C.4 - Scheme Performance SOG				
Assigned Area Number	Assessed Area	Area Capable of Receiving 2 Hours of Sunlight on March 21st	Recommended Minimum	Level of Compliance with BRE Guidelines	Meets BR 209 Criteria
A	**B**	**C**	**D**	**E**	**F**

A: Assigned Area Number

This column indicates the number that 3DDB have assigned to the assessed areas, which is included for the sole purpose of aiding in the identification of the corresponding space shown in the corresponding figure.

B: Assessed Area

This column identifies the assessed garden/amenity area.

C: Area Capable of Receiving 2 Hours of Sunlight on March 21st

The percentage of the proposed area that can receive more than 2 hours of sunlight on March 21st.

D: Recommended Minimum

The BRE Guidelines state that the percentage of a garden/amenity area that can receive more than 2 hours of sunlight on March 21st should be 50%. The target value for all spaces is set to 50%.

E: Level of Compliance with BRE Guidelines

This column states the compliance of the assessed space with the *BRE Target Value*. If the assessed garden or amenity area complies with the BRE Guidelines this cell will state "*BRE Compliant*". If the garden or amenity area does not meet the criteria as set out in the BRE Guidelines, a percentage of compliance with the *recommended minimum* will be stated.

F: Meets BR 209 Criteria

This column states if the assessed area achieves the recommended level of sunlight on March 21st as per BR 209.

It should be noted that the figures displayed in the table of results have been rounded off. A manual calculation of these figures may yield a negligible difference and should not be considered an error.

C.4.1 Sun On Ground in Proposed Outdoor Amenity Areas

Table No. C.4.1 - SOG in Proposed Outdoor Amenity Areas Results:					
Assigned Area Number	Assessed Area	Area Capable of Receiving 2 Hours of Sunlight on March 21st	Recommended minimum	Level of Compliance with BRE Guidelines*	Meets BR 209 Criteria*
1	Area 1	98.71%	50.00%	BRE Compliant	Yes
2	Area 2	88.88%	50.00%	BRE Compliant	Yes
3	Area 3	90.73%	50.00%	BRE Compliant	Yes
4	Area 4	87.85%	50.00%	BRE Compliant	Yes
5	Area 5	84.75%	50.00%	BRE Compliant	Yes
6	Area 6	93.03%	50.00%	BRE Compliant	Yes
* The BRE Guidelines recommend that for a garden or amenity to appear adequately sunlit throughout the year, at least half of a garden or amenity area should receive at least two hours of sunlight on March 21st.					

Figure C.22: Indication of the amenity areas that have been analysed.

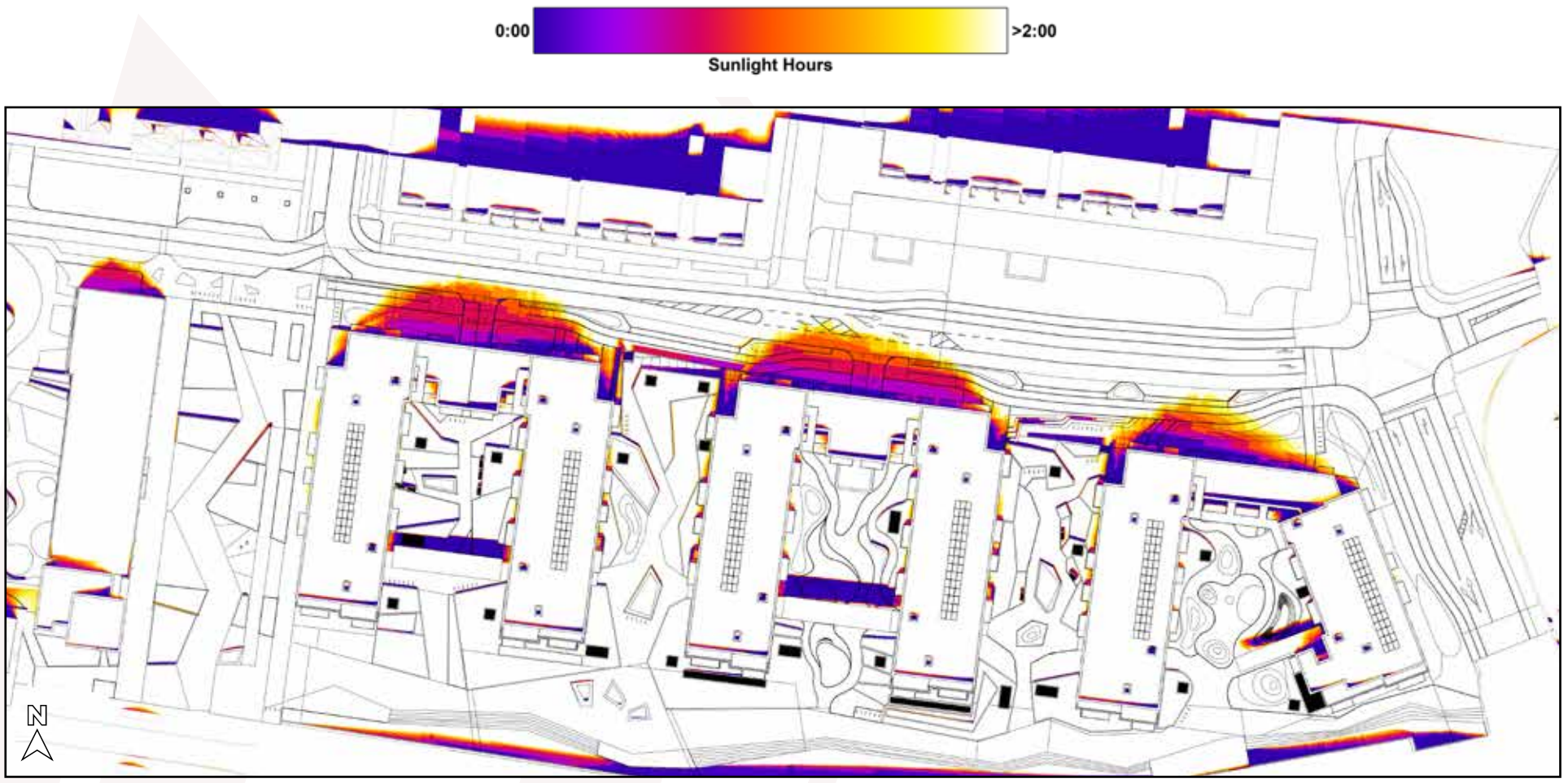


Figure C.23: Area capable of receiving 2 hours of sunlight on March 21st shown in white.

D.0 Supplementary Study Results

D.1 SDA study under the I.S. EN 17037 criteria and No Sky Line (NSL)

Below is an example of the table used to describe the supplementary assessment results for SDA under the I.S. EN 17037 criteria and 'No Sky Line' in proposed units.

Table Example. D.1 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria	% of room where the sky is visible	Above 80%
		Area above 300 Lux	Area above 100 Lux	Area above 300 Lux	Area above 100 Lux	Area above 300 Lux	Area above 100 Lux			
A	**B**	**C**	**D**	**C**	**D**	**C**	**D**	**E**	**F**	**G**

A: Unit Number

This column identifies the assessed unit. All unit numbers are determined by the architect's drawings, unless otherwise stated.

B: Room Description

Room Description details which room in the unit has been assessed, e.g. bedroom, LKD, etc.

C: % of area above 300 Lux (No Trees)

I.S. EN 17037 recommends at least 50% of the working plane receives above 300 lux for at least half the daylight hours.

This column states percentage of the working plane of the assessed room that is capable of receiving more than 300 lux for at least half the daylight hours when the assessment is carried out without trees in the analytical model.

The values are calculated without trees in the analytical model, with trees in the analytical model configured in the winter state i.e. bare branch, and with trees in the analytical model configured in the summer state i.e. full leaf.

D: % of area above 100 Lux (No Trees)

I.S. EN 17037 recommends at least 95% of the working plane receives above 100 lux for at least half the daylight hours.

This column states percentage of the working plane of the assessed room that is capable of receiving more than 100 lux for at least half the daylight hours when the assessment is carried out without trees in the analytical model.

The values are calculated without trees in the analytical model, with trees in the analytical model configured in the winter state i.e. bare branch, and with trees in the analytical model configured in the summer state i.e. full leaf.

E: Compliance with I.S. EN 17037 Criteria I.S. EN 17037 Criteria

This column states if the assessed room achieves the recommended level of daylight as per I.S. EN 17037 with consideration to the various tree states.

If the recommended lux levels are achieved on the working plane, for half the daylight hours, both with and without trees, this column will state: *'Compliant'*.

If the recommended lux levels are not achieved on the working plane, for half the daylight hours, both with and without trees, this column will state: *'Non-compliant'*.

If the recommended lux levels are achieved on the working plane, for half the daylight hours, without trees but are not achieved with trees, this column will state: *'Trees affecting compliance'*.

If the recommended lux levels are achieved on the working plane, for half the daylight hours, with the trees in the winter state but are not achieved with trees in the summer state, this column will state: *'Trees affecting compliance (summer only)'*.

Compliance rates will be stated for SDA compliance with trees in all of the above states.

It should be noted that the figures displayed in the table of results have been rounded off. A manual calculation on these figures may yield a negligible difference and should not be considered an error.

F: % of room where the sky is visible from the working plane

This column states the percentage of the room from which there is a direct line of sight to the sky when assessed at the working plane height, which is 850mm above the finished floor level in residential rooms or 700mm above the finished floor level in offices or classrooms.

G: Above 80%

Whilst the BRE Guidelines only provide recommendations for NSL in the context of an impact analysis, it states that "Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line."

If this column states: *'Yes'*, it signifies that the sky will be visible from more than 80% of the working plane.

If this column states: *'No'*, it signifies that the sky will be visible from less than 80% of the working plane and supplementary electric lighting may be required.

D.1.1 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Ground Floor

Table No. D.1.1 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Ground Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
C-00-01	LKD	73%	100%	53%	100%	34%	90%	Trees affecting compliance (summer only)	99%	Yes
C-00-01	Bedroom 1	50%	100%	27%	100%	13%	63%	Trees affecting compliance	98%	Yes
C-00-01	Bedroom 2	50%	100%	38%	100%	27%	100%	Trees affecting compliance	98%	Yes
C-00-01	Bedroom 3	71%	100%	54%	100%	32%	100%	Trees affecting compliance (summer only)	98%	Yes
C-00-02	LKD	69%	100%	49%	99%	24%	83%	Trees affecting compliance	98%	Yes
C-00-02	Bedroom 1	50%	100%	30%	100%	12%	72%	Trees affecting compliance	98%	Yes
C-00-02	Bedroom 2	50%	100%	32%	100%	13%	83%	Trees affecting compliance	98%	Yes
C-00-02	Bedroom 3	71%	100%	39%	100%	18%	100%	Trees affecting compliance	98%	Yes
C-00-03	LKD	66%	100%	57%	93%	50%	90%	Trees affecting compliance	86%	Yes
C-00-03	Bedroom 1	23%	98%	8%	53%	0%	17%	Non-compliant	47%	No
C-00-03	Bedroom 2	20%	97%	12%	60%	7%	28%	Non-compliant	37%	No
C-00-04	LKD	19%	57%	13%	51%	6%	41%	Non-compliant	24%	No
C-00-04	Bedroom 1	17%	73%	14%	56%	11%	43%	Non-compliant	38%	No
C-00-04	Bedroom 2	16%	71%	6%	48%	1%	25%	Non-compliant	38%	No
C-00-05	LKD	28%	72%	19%	66%	12%	58%	Non-compliant	27%	No
C-00-05	Bedroom	21%	95%	14%	67%	8%	38%	Non-compliant	40%	No
C-00-06	LKD	36%	81%	23%	69%	12%	53%	Non-compliant	29%	No
C-00-06	Bedroom	3%	92%	0%	41%	0%	13%	Non-compliant	31%	No
C-00-07	LKD	100%	100%	100%	100%	91%	100%	Compliant	99%	Yes
C-00-07	Bedroom 1	31%	100%	16%	90%	3%	58%	Non-compliant	54%	No
C-00-07	Bedroom 2	59%	100%	44%	100%	24%	100%	Trees affecting compliance	96%	Yes
C-00-07	Bedroom 3	50%	100%	43%	100%	32%	100%	Trees affecting compliance	64%	No
C-00-08	LKD	97%	100%	92%	100%	87%	100%	Compliant	97%	Yes
C-00-08	Bedroom 1	36%	100%	24%	100%	15%	79%	Non-compliant	66%	No
C-00-08	Bedroom 2	28%	100%	18%	100%	7%	52%	Non-compliant	51%	No
C-00-09	LKD	25%	65%	22%	62%	19%	59%	Non-compliant	28%	No
C-00-09	Bedroom 1	27%	100%	13%	65%	3%	40%	Non-compliant	49%	No
C-00-09	Bedroom 2	21%	98%	10%	51%	0%	26%	Non-compliant	47%	No
C-00-10	LKD	21%	59%	14%	53%	8%	44%	Non-compliant	21%	No
C-00-10	Bedroom 1	19%	73%	8%	49%	0%	22%	Non-compliant	46%	No
C-00-10	Bedroom 2	21%	96%	9%	46%	0%	18%	Non-compliant	44%	No
C-00-11	LKD	11%	49%	8%	43%	7%	35%	Non-compliant	20%	No
C-00-11	Bedroom 1	6%	30%	6%	29%	6%	29%	Non-compliant	32%	No
C-00-11	Bedroom 2	18%	61%	10%	44%	8%	31%	Non-compliant	39%	No

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.2 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - First Floor

Table No. D.1.2 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - First Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
C-01-01	LKD	47%	100%	44%	100%	42%	100%	Non-compliant	82%	Yes
C-01-01	Bedroom 1	42%	100%	38%	100%	31%	100%	Non-compliant	98%	Yes
C-01-01	Bedroom 2	72%	100%	64%	100%	55%	100%	Compliant	96%	Yes
C-01-02	LKD	72%	100%	62%	100%	50%	100%	Compliant	99%	Yes
C-01-02	Bedroom	63%	100%	54%	100%	40%	100%	Trees affecting compliance (summer only)	97%	Yes
C-01-03	LKD	83%	100%	79%	100%	59%	97%	Compliant	99%	Yes
C-01-03	Bedroom 1	98%	100%	80%	100%	58%	100%	Compliant	99%	Yes
C-01-03	Bedroom 2	43%	100%	35%	100%	30%	100%	Non-compliant	95%	Yes
C-01-03	Bedroom 3	68%	100%	43%	100%	29%	100%	Trees affecting compliance	96%	Yes
C-01-04	LKD	70%	100%	65%	98%	61%	94%	Trees affecting compliance (summer only)	86%	Yes
C-01-04	Bedroom 1	36%	100%	25%	100%	19%	69%	Non-compliant	52%	No
C-01-04	Bedroom 2	23%	100%	23%	100%	22%	90%	Non-compliant	42%	No
C-01-05	LKD	22%	58%	18%	55%	14%	50%	Non-compliant	25%	No
C-01-05	Bedroom 1	24%	100%	22%	100%	19%	84%	Non-compliant	44%	No
C-01-05	Bedroom 2	21%	98%	18%	86%	15%	59%	Non-compliant	44%	No
C-01-06	LKD	34%	74%	29%	71%	23%	68%	Non-compliant	29%	No
C-01-06	Bedroom	32%	100%	25%	100%	17%	89%	Non-compliant	46%	No
C-01-07	LKD	28%	65%	20%	55%	12%	44%	Non-compliant	29%	No
C-01-07	Bedroom 1	38%	100%	32%	100%	27%	100%	Non-compliant	47%	No
C-01-07	Bedroom 2	21%	100%	15%	84%	10%	43%	Non-compliant	42%	No
C-01-08	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
C-01-08	Bedroom 1	35%	100%	21%	100%	6%	58%	Non-compliant	59%	No
C-01-08	Bedroom 2	69%	100%	54%	100%	45%	100%	Trees affecting compliance (summer only)	96%	Yes
C-01-08	Bedroom 3	86%	100%	68%	100%	57%	100%	Compliant	69%	No
C-01-09	LKD	97%	100%	93%	100%	89%	100%	Compliant	97%	Yes
C-01-09	Bedroom 1	53%	100%	47%	100%	38%	100%	Trees affecting compliance	70%	No
C-01-09	Bedroom 2	40%	100%	30%	100%	27%	100%	Non-compliant	56%	No
C-01-10	LKD	33%	72%	31%	70%	30%	69%	Non-compliant	30%	No
C-01-10	Bedroom 1	44%	100%	43%	100%	41%	100%	Non-compliant	61%	No
C-01-10	Bedroom 2	43%	100%	38%	100%	35%	100%	Non-compliant	59%	No
C-01-11	LKD	26%	63%	23%	62%	20%	56%	Non-compliant	23%	No
C-01-11	Bedroom 1	37%	100%	30%	100%	27%	94%	Non-compliant	61%	No
C-01-11	Bedroom 2	35%	100%	34%	100%	33%	100%	Non-compliant	58%	No
C-01-12	LKD	17%	55%	16%	52%	14%	50%	Non-compliant	23%	No
C-01-12	Bedroom 1	16%	65%	14%	59%	11%	54%	Non-compliant	43%	No
C-01-12	Bedroom 2	29%	100%	26%	100%	23%	91%	Non-compliant	53%	No

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.2 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - First Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
C-01-13	LKD	19%	57%	13%	48%	4%	29%	Non-compliant	28%	No
C-01-13	Bedroom 1	14%	75%	13%	60%	11%	52%	Non-compliant	46%	No
C-01-13	Bedroom 2	33%	100%	29%	99%	24%	83%	Non-compliant	58%	No
C-01-14	LKD	28%	66%	26%	65%	26%	65%	Non-compliant	26%	No
C-01-14	Bedroom 1	40%	100%	40%	100%	40%	100%	Non-compliant	66%	No
C-01-14	Bedroom 2	39%	100%	39%	100%	36%	100%	Non-compliant	62%	No
C-01-15	LKD	33%	75%	27%	67%	21%	59%	Non-compliant	31%	No
C-01-15	Bedroom 1	43%	100%	43%	100%	41%	100%	Non-compliant	66%	No
C-01-15	Bedroom 2	48%	100%	24%	100%	4%	39%	Non-compliant	66%	No
C-01-16	LKD	98%	100%	94%	100%	91%	100%	Compliant	97%	Yes
C-01-16	Bedroom 1	58%	100%	50%	100%	44%	100%	Trees affecting compliance (summer only)	74%	No
C-01-16	Bedroom 2	47%	100%	33%	100%	30%	100%	Non-compliant	60%	No
C-01-17	LKD	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-01-17	Bedroom 1	53%	100%	49%	100%	48%	100%	Trees affecting compliance	89%	Yes
C-01-17	Bedroom 2	77%	100%	64%	100%	55%	100%	Compliant	96%	Yes
C-01-17	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	93%	Yes
C-01-18	LKD	40%	84%	40%	79%	36%	72%	Non-compliant	49%	No
C-01-18	Bedroom 1	59%	100%	56%	100%	49%	100%	Trees affecting compliance (summer only)	87%	Yes
C-01-18	Bedroom 2	44%	100%	41%	100%	40%	100%	Non-compliant	86%	Yes
C-01-19	LKD	52%	95%	51%	95%	49%	91%	Trees affecting compliance (summer only)	58%	No
C-01-19	Bedroom	52%	100%	51%	100%	51%	100%	Compliant	94%	Yes
C-01-20	LKD	40%	83%	40%	81%	39%	78%	Non-compliant	50%	No
C-01-20	Bedroom 1	52%	100%	51%	100%	49%	100%	Trees affecting compliance (summer only)	93%	Yes
C-01-20	Bedroom 2	48%	100%	46%	100%	45%	100%	Non-compliant	88%	Yes
C-01-21	LKD	82%	100%	81%	100%	80%	100%	Compliant	89%	Yes
C-01-21	Bedroom 1	67%	100%	63%	100%	61%	100%	Compliant	96%	Yes
C-01-21	Bedroom 2	53%	100%	52%	100%	50%	100%	Compliant	85%	Yes
C-01-22	LKD	86%	100%	83%	100%	81%	100%	Compliant	100%	Yes
C-01-22	Bedroom 1	100%	100%	95%	100%	80%	100%	Compliant	99%	Yes
C-01-22	Bedroom 2	45%	100%	38%	100%	30%	100%	Non-compliant	95%	Yes
C-01-22	Bedroom 3	79%	100%	64%	100%	50%	100%	Compliant	97%	Yes
C-01-23	LKD	74%	100%	68%	100%	62%	100%	Compliant	99%	Yes
C-01-23	Bedroom	65%	100%	63%	100%	54%	100%	Compliant	97%	Yes
C-01-24	LKD	53%	100%	36%	100%	21%	98%	Trees affecting compliance	83%	Yes
C-01-24	Bedroom 1	47%	100%	42%	100%	35%	100%	Non-compliant	98%	Yes
C-01-24	Bedroom 2	69%	100%	66%	100%	56%	100%	Compliant	96%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.3 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Second Floor

Table No. D.1.3 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Second Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
C-02-01	LKD	59%	100%	58%	100%	56%	100%	Compliant	87%	Yes
C-02-01	Bedroom 1	49%	100%	47%	100%	47%	100%	Non-compliant	98%	Yes
C-02-01	Bedroom 2	89%	100%	84%	100%	83%	100%	Compliant	96%	Yes
C-02-02	LKD	92%	100%	91%	100%	89%	100%	Compliant	99%	Yes
C-02-02	Bedroom	75%	100%	73%	100%	65%	100%	Compliant	97%	Yes
C-02-03	LKD	86%	100%	85%	100%	84%	100%	Compliant	99%	Yes
C-02-03	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
C-02-03	Bedroom 2	48%	100%	45%	100%	43%	100%	Non-compliant	95%	Yes
C-02-03	Bedroom 3	82%	100%	79%	100%	75%	100%	Compliant	96%	Yes
C-02-04	LKD	76%	100%	76%	100%	75%	100%	Compliant	86%	Yes
C-02-04	Bedroom 1	44%	100%	44%	100%	42%	100%	Non-compliant	67%	No
C-02-04	Bedroom 2	35%	100%	32%	100%	30%	100%	Non-compliant	55%	No
C-02-05	LKD	26%	64%	26%	64%	26%	63%	Non-compliant	31%	No
C-02-05	Bedroom 1	37%	100%	35%	100%	33%	100%	Non-compliant	59%	No
C-02-05	Bedroom 2	26%	100%	26%	100%	25%	100%	Non-compliant	57%	No
C-02-06	LKD	41%	80%	41%	80%	40%	79%	Non-compliant	36%	No
C-02-06	Bedroom	41%	100%	40%	100%	37%	100%	Non-compliant	62%	No
C-02-07	LKD	33%	72%	32%	70%	30%	69%	Non-compliant	33%	No
C-02-07	Bedroom 1	51%	100%	44%	100%	43%	100%	Trees affecting compliance	60%	No
C-02-07	Bedroom 2	34%	100%	29%	100%	26%	100%	Non-compliant	56%	No
C-02-08	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
C-02-08	Bedroom 1	51%	100%	45%	100%	42%	100%	Trees affecting compliance	73%	No
C-02-08	Bedroom 2	76%	100%	69%	100%	62%	100%	Compliant	96%	Yes
C-02-08	Bedroom 3	100%	100%	100%	100%	86%	100%	Compliant	81%	Yes
C-02-09	LKD	98%	100%	97%	100%	97%	100%	Compliant	97%	Yes
C-02-09	Bedroom 1	64%	100%	63%	100%	59%	100%	Compliant	83%	Yes
C-02-09	Bedroom 2	53%	100%	47%	100%	47%	100%	Trees affecting compliance	70%	No
C-02-10	LKD	37%	78%	35%	78%	35%	76%	Non-compliant	37%	No
C-02-10	Bedroom 1	52%	100%	52%	100%	52%	100%	Compliant	81%	Yes
C-02-10	Bedroom 2	54%	100%	53%	100%	49%	100%	Trees affecting compliance (summer only)	77%	No
C-02-11	LKD	32%	72%	31%	71%	31%	69%	Non-compliant	34%	No
C-02-11	Bedroom 1	49%	100%	48%	100%	43%	100%	Non-compliant	81%	Yes
C-02-11	Bedroom 2	45%	100%	44%	100%	44%	100%	Non-compliant	76%	No
C-02-12	LKD	25%	62%	25%	61%	25%	61%	Non-compliant	34%	No
C-02-12	Bedroom 1	22%	92%	22%	89%	21%	84%	Non-compliant	59%	No
C-02-12	Bedroom 2	36%	100%	35%	100%	34%	100%	Non-compliant	75%	No

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.3 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Second Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
C-02-13	LKD	29%	65%	28%	65%	27%	64%	Non-compliant	39%	No
C-02-13	Bedroom 1	25%	97%	24%	94%	22%	89%	Non-compliant	64%	No
C-02-13	Bedroom 2	41%	100%	41%	100%	40%	100%	Non-compliant	83%	Yes
C-02-14	LKD	35%	75%	35%	75%	34%	74%	Non-compliant	39%	No
C-02-14	Bedroom 1	52%	100%	52%	100%	52%	100%	Compliant	89%	Yes
C-02-14	Bedroom 2	49%	100%	49%	100%	48%	100%	Non-compliant	84%	Yes
C-02-15	LKD	39%	86%	39%	84%	38%	83%	Non-compliant	41%	No
C-02-15	Bedroom 1	56%	100%	56%	100%	54%	100%	Compliant	89%	Yes
C-02-15	Bedroom 2	58%	100%	56%	100%	50%	100%	Compliant	84%	Yes
C-02-16	LKD	98%	100%	98%	100%	97%	100%	Compliant	97%	Yes
C-02-16	Bedroom 1	72%	100%	66%	100%	63%	100%	Compliant	88%	Yes
C-02-16	Bedroom 2	57%	100%	55%	100%	50%	100%	Compliant	76%	No
C-02-17	LKD	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
C-02-17	Bedroom 1	65%	100%	64%	100%	56%	100%	Compliant	89%	Yes
C-02-17	Bedroom 2	82%	100%	76%	100%	68%	100%	Compliant	96%	Yes
C-02-17	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	94%	Yes
C-02-18	LKD	45%	94%	44%	94%	44%	90%	Non-compliant	67%	No
C-02-18	Bedroom 1	68%	100%	63%	100%	60%	100%	Compliant	93%	Yes
C-02-18	Bedroom 2	53%	100%	50%	100%	46%	100%	Trees affecting compliance (summer only)	96%	Yes
C-02-19	LKD	56%	100%	55%	100%	55%	100%	Compliant	74%	No
C-02-19	Bedroom	63%	100%	62%	100%	60%	100%	Compliant	96%	Yes
C-02-20	LKD	44%	94%	44%	94%	44%	91%	Non-compliant	67%	No
C-02-20	Bedroom 1	63%	100%	62%	100%	59%	100%	Compliant	97%	Yes
C-02-20	Bedroom 2	55%	100%	55%	100%	54%	100%	Compliant	97%	Yes
C-02-21	LKD	84%	100%	83%	100%	83%	100%	Compliant	92%	Yes
C-02-21	Bedroom 1	77%	100%	73%	100%	70%	100%	Compliant	96%	Yes
C-02-21	Bedroom 2	63%	100%	60%	100%	58%	100%	Compliant	97%	Yes
C-02-22	LKD	88%	100%	88%	100%	87%	100%	Compliant	100%	Yes
C-02-22	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
C-02-22	Bedroom 2	55%	100%	50%	100%	45%	100%	Trees affecting compliance (summer only)	95%	Yes
C-02-22	Bedroom 3	86%	100%	86%	100%	82%	100%	Compliant	97%	Yes
C-02-23	LKD	93%	100%	92%	100%	90%	100%	Compliant	98%	Yes
C-02-23	Bedroom	78%	100%	76%	100%	70%	100%	Compliant	97%	Yes
C-02-24	LKD	62%	100%	60%	100%	58%	100%	Compliant	87%	Yes
C-02-24	Bedroom 1	50%	100%	49%	100%	49%	100%	Trees affecting compliance	98%	Yes
C-02-24	Bedroom 2	91%	100%	86%	100%	83%	100%	Compliant	96%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.4 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Third Floor

Table No. D.1.4 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Third Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
C-03-01	LKD	75%	100%	74%	100%	72%	100%	Compliant	92%	Yes
C-03-01	Bedroom 1	50%	100%	50%	100%	50%	100%	Compliant	98%	Yes
C-03-01	Bedroom 2	97%	100%	97%	100%	97%	100%	Compliant	96%	Yes
C-03-02	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
C-03-02	Bedroom	86%	100%	84%	100%	81%	100%	Compliant	97%	Yes
C-03-03	LKD	87%	100%	87%	100%	87%	100%	Compliant	100%	Yes
C-03-03	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
C-03-03	Bedroom 2	57%	100%	55%	100%	50%	100%	Compliant	95%	Yes
C-03-03	Bedroom 3	86%	100%	86%	100%	86%	100%	Compliant	96%	Yes
C-03-04	LKD	79%	100%	79%	100%	79%	100%	Compliant	87%	Yes
C-03-04	Bedroom 1	58%	100%	58%	100%	53%	100%	Compliant	94%	Yes
C-03-04	Bedroom 2	47%	100%	47%	100%	45%	100%	Non-compliant	79%	No
C-03-05	LKD	36%	73%	36%	73%	36%	73%	Non-compliant	46%	No
C-03-05	Bedroom 1	49%	100%	48%	100%	48%	100%	Non-compliant	86%	Yes
C-03-05	Bedroom 2	40%	100%	39%	100%	38%	100%	Non-compliant	83%	Yes
C-03-06	LKD	53%	89%	53%	89%	53%	89%	Non-compliant	54%	No
C-03-06	Bedroom	54%	100%	54%	100%	51%	100%	Compliant	91%	Yes
C-03-07	LKD	39%	81%	39%	81%	39%	80%	Non-compliant	46%	No
C-03-07	Bedroom 1	62%	100%	57%	100%	56%	100%	Compliant	86%	Yes
C-03-07	Bedroom 2	44%	100%	44%	100%	43%	100%	Non-compliant	83%	Yes
C-03-08	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
C-03-08	Bedroom 1	62%	100%	60%	100%	57%	100%	Compliant	93%	Yes
C-03-08	Bedroom 2	77%	100%	77%	100%	72%	100%	Compliant	96%	Yes
C-03-08	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
C-03-09	LKD	99%	100%	99%	100%	98%	100%	Compliant	97%	Yes
C-03-09	Bedroom 1	77%	100%	72%	100%	72%	100%	Compliant	96%	Yes
C-03-09	Bedroom 2	60%	100%	57%	100%	57%	100%	Compliant	92%	Yes
C-03-10	LKD	44%	96%	44%	96%	44%	94%	Non-compliant	57%	No
C-03-10	Bedroom 1	67%	100%	65%	100%	63%	100%	Compliant	97%	Yes
C-03-10	Bedroom 2	61%	100%	61%	100%	59%	100%	Compliant	97%	Yes
C-03-11	LKD	41%	86%	41%	85%	40%	84%	Non-compliant	57%	No
C-03-11	Bedroom 1	57%	100%	57%	100%	56%	100%	Compliant	97%	Yes
C-03-11	Bedroom 2	55%	100%	54%	100%	54%	100%	Compliant	96%	Yes
C-03-12	LKD	36%	75%	36%	74%	34%	74%	Non-compliant	56%	No
C-03-12	Bedroom 1	35%	100%	35%	100%	35%	100%	Non-compliant	83%	Yes
C-03-12	Bedroom 2	49%	100%	46%	100%	44%	100%	Non-compliant	96%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.4 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Third Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
C-03-13	LKD	39%	79%	38%	79%	38%	78%	Non-compliant	66%	No
C-03-13	Bedroom 1	41%	100%	40%	100%	38%	100%	Non-compliant	84%	Yes
C-03-13	Bedroom 2	58%	100%	58%	100%	58%	100%	Compliant	96%	Yes
C-03-14	LKD	44%	93%	44%	93%	44%	93%	Non-compliant	67%	No
C-03-14	Bedroom 1	67%	100%	65%	100%	63%	100%	Compliant	97%	Yes
C-03-14	Bedroom 2	60%	100%	60%	100%	59%	100%	Compliant	97%	Yes
C-03-15	LKD	47%	99%	47%	98%	46%	98%	Non-compliant	67%	No
C-03-15	Bedroom 1	70%	100%	70%	100%	68%	100%	Compliant	97%	Yes
C-03-15	Bedroom 2	69%	100%	69%	100%	68%	100%	Compliant	97%	Yes
C-03-16	LKD	100%	100%	100%	100%	99%	100%	Compliant	97%	Yes
C-03-16	Bedroom 1	84%	100%	84%	100%	78%	100%	Compliant	96%	Yes
C-03-16	Bedroom 2	67%	100%	67%	100%	65%	100%	Compliant	97%	Yes
C-03-17	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
C-03-17	Bedroom 1	69%	100%	69%	100%	66%	100%	Compliant	90%	Yes
C-03-17	Bedroom 2	85%	100%	82%	100%	74%	100%	Compliant	96%	Yes
C-03-17	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
C-03-18	LKD	49%	99%	49%	99%	49%	99%	Non-compliant	98%	Yes
C-03-18	Bedroom 1	76%	100%	75%	100%	73%	100%	Compliant	95%	Yes
C-03-18	Bedroom 2	58%	100%	55%	100%	54%	100%	Compliant	97%	Yes
C-03-19	LKD	60%	100%	60%	100%	59%	100%	Compliant	100%	Yes
C-03-19	Bedroom	76%	100%	73%	100%	73%	100%	Compliant	96%	Yes
C-03-20	LKD	49%	99%	49%	99%	49%	99%	Non-compliant	98%	Yes
C-03-20	Bedroom 1	71%	100%	70%	100%	67%	100%	Compliant	97%	Yes
C-03-20	Bedroom 2	64%	100%	60%	100%	58%	100%	Compliant	97%	Yes
C-03-21	LKD	86%	100%	85%	100%	85%	100%	Compliant	100%	Yes
C-03-21	Bedroom 1	89%	100%	88%	100%	84%	100%	Compliant	96%	Yes
C-03-21	Bedroom 2	70%	100%	68%	100%	68%	100%	Compliant	97%	Yes
C-03-22	LKD	89%	100%	89%	100%	88%	100%	Compliant	100%	Yes
C-03-22	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
C-03-22	Bedroom 2	60%	100%	60%	100%	57%	100%	Compliant	95%	Yes
C-03-22	Bedroom 3	96%	100%	96%	100%	93%	100%	Compliant	97%	Yes
C-03-23	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
C-03-23	Bedroom	97%	100%	95%	100%	89%	100%	Compliant	97%	Yes
C-03-24	LKD	80%	100%	77%	100%	75%	100%	Compliant	92%	Yes
C-03-24	Bedroom 1	54%	100%	53%	100%	53%	100%	Compliant	98%	Yes
C-03-24	Bedroom 2	98%	100%	98%	100%	97%	100%	Compliant	96%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.5 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Fourth Floor

Table No. D.1.5 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Fourth Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
C-04-01	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
C-04-01	Bedroom 1	57%	100%	57%	100%	57%	100%	Compliant	98%	Yes
C-04-01	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
C-04-02	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
C-04-02	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-04-03	LKD	90%	100%	90%	100%	90%	100%	Compliant	100%	Yes
C-04-03	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
C-04-03	Bedroom 2	50%	100%	50%	100%	48%	100%	Trees affecting compliance (summer only)	95%	Yes
C-04-03	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-04-04	LKD	83%	100%	83%	100%	83%	100%	Compliant	93%	Yes
C-04-04	Bedroom 1	72%	100%	72%	100%	69%	100%	Compliant	96%	Yes
C-04-04	Bedroom 2	57%	100%	57%	100%	57%	100%	Compliant	97%	Yes
C-04-05	LKD	46%	96%	46%	95%	46%	94%	Non-compliant	76%	No
C-04-05	Bedroom 1	62%	100%	62%	100%	60%	100%	Compliant	97%	Yes
C-04-05	Bedroom 2	51%	100%	51%	100%	51%	100%	Compliant	97%	Yes
C-04-06	LKD	62%	100%	61%	100%	60%	100%	Compliant	82%	Yes
C-04-06	Bedroom	68%	100%	68%	100%	67%	100%	Compliant	97%	Yes
C-04-07	LKD	48%	98%	48%	97%	48%	97%	Non-compliant	76%	No
C-04-07	Bedroom 1	78%	100%	75%	100%	70%	100%	Compliant	97%	Yes
C-04-07	Bedroom 2	54%	100%	54%	100%	53%	100%	Compliant	97%	Yes
C-04-08	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
C-04-08	Bedroom 1	74%	100%	74%	100%	73%	100%	Compliant	93%	Yes
C-04-08	Bedroom 2	87%	100%	87%	100%	86%	100%	Compliant	97%	Yes
C-04-08	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
C-04-09	LKD	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
C-04-09	Bedroom 1	91%	100%	88%	100%	84%	100%	Compliant	96%	Yes
C-04-09	Bedroom 2	70%	100%	70%	100%	68%	100%	Compliant	97%	Yes
C-04-10	LKD	50%	100%	50%	100%	50%	100%	Compliant	96%	Yes
C-04-10	Bedroom 1	76%	100%	76%	100%	76%	100%	Compliant	97%	Yes
C-04-10	Bedroom 2	76%	100%	75%	100%	70%	100%	Compliant	97%	Yes
C-04-11	LKD	49%	99%	49%	99%	49%	99%	Non-compliant	96%	Yes
C-04-11	Bedroom 1	75%	100%	75%	100%	71%	100%	Compliant	97%	Yes
C-04-11	Bedroom 2	68%	100%	66%	100%	66%	100%	Compliant	97%	Yes
C-04-12	LKD	47%	98%	47%	97%	46%	97%	Non-compliant	96%	Yes
C-04-12	Bedroom 1	52%	100%	51%	100%	51%	100%	Compliant	96%	Yes
C-04-12	Bedroom 2	64%	100%	61%	100%	60%	100%	Compliant	97%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.5 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Fourth Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)						Compliance with I.S. EN 17037 Criteria*	No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees			% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
C-04-13	LKD	50%	100%	50%	100%	49%	100%	Trees affecting compliance (summer only)	98%	Yes
C-04-13	Bedroom 1	63%	100%	62%	100%	62%	100%	Compliant	96%	Yes
C-04-13	Bedroom 2	70%	100%	70%	100%	70%	100%	Compliant	97%	Yes
C-04-14	LKD	52%	100%	52%	100%	52%	100%	Compliant	98%	Yes
C-04-14	Bedroom 1	81%	100%	81%	100%	79%	100%	Compliant	97%	Yes
C-04-14	Bedroom 2	76%	100%	75%	100%	75%	100%	Compliant	97%	Yes
C-04-15	LKD	53%	100%	52%	100%	52%	100%	Compliant	98%	Yes
C-04-15	Bedroom 1	84%	100%	84%	100%	84%	100%	Compliant	97%	Yes
C-04-15	Bedroom 2	83%	100%	81%	100%	78%	100%	Compliant	97%	Yes
C-04-16	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
C-04-16	Bedroom 1	95%	100%	95%	100%	94%	100%	Compliant	96%	Yes
C-04-16	Bedroom 2	78%	100%	77%	100%	72%	100%	Compliant	97%	Yes
C-04-17	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
C-04-17	Bedroom 1	77%	100%	77%	100%	75%	100%	Compliant	93%	Yes
C-04-17	Bedroom 2	88%	100%	87%	100%	85%	100%	Compliant	97%	Yes
C-04-17	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
C-04-18	LKD	51%	100%	51%	100%	50%	100%	Compliant	98%	Yes
C-04-18	Bedroom 1	90%	100%	86%	100%	83%	100%	Compliant	97%	Yes
C-04-18	Bedroom 2	68%	100%	65%	100%	64%	100%	Compliant	97%	Yes
C-04-19	LKD	64%	100%	64%	100%	63%	100%	Compliant	100%	Yes
C-04-19	Bedroom	94%	100%	92%	100%	84%	100%	Compliant	96%	Yes
C-04-20	LKD	52%	100%	52%	100%	51%	100%	Compliant	98%	Yes
C-04-20	Bedroom 1	79%	100%	78%	100%	76%	100%	Compliant	97%	Yes
C-04-20	Bedroom 2	70%	100%	69%	100%	68%	100%	Compliant	97%	Yes
C-04-21	LKD	87%	100%	87%	100%	87%	100%	Compliant	100%	Yes
C-04-21	Bedroom 1	98%	100%	95%	100%	94%	100%	Compliant	96%	Yes
C-04-21	Bedroom 2	75%	100%	75%	100%	75%	100%	Compliant	97%	Yes
C-04-22	LKD	91%	100%	91%	100%	91%	100%	Compliant	100%	Yes
C-04-22	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
C-04-22	Bedroom 2	55%	100%	55%	100%	55%	100%	Compliant	95%	Yes
C-04-22	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-04-23	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
C-04-23	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-04-24	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
C-04-24	Bedroom 1	57%	100%	57%	100%	57%	100%	Compliant	98%	Yes
C-04-24	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.6 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Fifth Floor

Table No. D.1.6 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Fifth Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
C-05-01	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
C-05-01	Bedroom	49%	100%	49%	100%	49%	100%	Non-compliant	98%	Yes
C-05-02	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
C-05-02	Bedroom	97%	100%	97%	100%	97%	100%	Compliant	96%	Yes
C-05-03	LKD	88%	100%	88%	100%	88%	100%	Compliant	100%	Yes
C-05-03	Bedroom 1	92%	100%	92%	100%	89%	100%	Compliant	96%	Yes
C-05-03	Bedroom 2	70%	100%	70%	100%	70%	100%	Compliant	97%	Yes
C-05-04	LKD	58%	100%	58%	100%	57%	100%	Compliant	98%	Yes
C-05-04	Bedroom 1	83%	100%	83%	100%	81%	100%	Compliant	97%	Yes
C-05-04	Bedroom 2	70%	100%	70%	100%	70%	100%	Compliant	97%	Yes
C-05-05	LKD	73%	100%	73%	100%	73%	100%	Compliant	100%	Yes
C-05-05	Bedroom	95%	100%	95%	100%	94%	100%	Compliant	97%	Yes
C-05-06	LKD	60%	100%	60%	100%	60%	100%	Compliant	98%	Yes
C-05-06	Bedroom 1	97%	100%	97%	100%	97%	100%	Compliant	97%	Yes
C-05-06	Bedroom 2	70%	100%	70%	100%	70%	100%	Compliant	97%	Yes
C-05-07	LKD	91%	100%	91%	100%	91%	100%	Compliant	89%	Yes
C-05-07	Bedroom 1	100%	100%	98%	100%	98%	100%	Compliant	95%	Yes
C-05-07	Bedroom 2	98%	100%	98%	100%	98%	100%	Compliant	97%	Yes
C-05-08	LKD	95%	95%	95%	95%	95%	95%	Compliant	92%	Yes
C-05-08	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-05-09	LKD	63%	100%	63%	100%	63%	100%	Compliant	98%	Yes
C-05-09	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-05-09	Bedroom 2	98%	100%	96%	100%	95%	100%	Compliant	97%	Yes
C-05-10	LKD	62%	100%	62%	100%	62%	100%	Compliant	98%	Yes
C-05-10	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-05-10	Bedroom 2	94%	100%	94%	100%	93%	100%	Compliant	97%	Yes
C-05-11	LKD	62%	100%	62%	100%	62%	100%	Compliant	98%	Yes
C-05-11	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
C-05-11	Bedroom 2	95%	100%	95%	100%	94%	100%	Compliant	97%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.6 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block C - Fifth Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)						Compliance with I.S. EN 17037 Criteria*	No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees			% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
C-05-12	LKD	66%	100%	66%	100%	66%	100%	Compliant	98%	Yes
C-05-12	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-05-12	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-05-13	LKD	66%	100%	66%	100%	66%	100%	Compliant	98%	Yes
C-05-13	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-05-13	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-05-14	LKD	67%	100%	66%	100%	66%	100%	Compliant	98%	Yes
C-05-14	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-05-14	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-05-15	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
C-05-15	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
C-05-16	LKD	99%	100%	99%	100%	99%	100%	Compliant	100%	Yes
C-05-16	Bedroom 1	100%	100%	100%	100%	98%	100%	Compliant	95%	Yes
C-05-16	Bedroom 2	91%	100%	91%	100%	91%	100%	Compliant	96%	Yes
C-05-17	LKD	59%	100%	59%	100%	59%	100%	Compliant	98%	Yes
C-05-17	Bedroom 1	97%	100%	97%	100%	97%	100%	Compliant	97%	Yes
C-05-17	Bedroom 2	76%	100%	76%	100%	71%	100%	Compliant	97%	Yes
C-05-18	LKD	72%	100%	71%	100%	71%	100%	Compliant	100%	Yes
C-05-18	Bedroom	100%	100%	100%	100%	98%	100%	Compliant	96%	Yes
C-05-19	LKD	60%	100%	60%	100%	60%	100%	Compliant	98%	Yes
C-05-19	Bedroom 1	98%	100%	98%	100%	98%	100%	Compliant	97%	Yes
C-05-19	Bedroom 2	83%	100%	80%	100%	79%	100%	Compliant	97%	Yes
C-05-20	LKD	91%	100%	90%	100%	90%	100%	Compliant	100%	Yes
C-05-20	Bedroom 1	98%	100%	98%	100%	98%	100%	Compliant	96%	Yes
C-05-20	Bedroom 2	87%	100%	85%	100%	82%	100%	Compliant	97%	Yes
C-05-21	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
C-05-21	Bedroom	98%	100%	98%	100%	98%	100%	Compliant	96%	Yes
C-05-22	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
C-05-22	Bedroom	64%	100%	64%	100%	64%	100%	Compliant	98%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.7 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Ground Floor

Table No. D.1.7 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Ground Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
D-00-01	LKD	74%	100%	53%	100%	27%	82%	Trees affecting compliance (summer only)	97%	Yes
D-00-01	Bedroom	69%	100%	41%	100%	20%	100%	Trees affecting compliance	96%	Yes
D-00-02	LKD	44%	100%	37%	98%	30%	93%	Non-compliant	95%	Yes
D-00-02	Bedroom	84%	100%	42%	100%	20%	100%	Trees affecting compliance	96%	Yes
D-00-03	LKD	75%	100%	63%	98%	52%	92%	Trees affecting compliance (summer only)	88%	Yes
D-00-03	Bedroom 1	28%	100%	16%	73%	5%	31%	Non-compliant	53%	No
D-00-03	Bedroom 2	22%	100%	10%	63%	0%	23%	Non-compliant	39%	No
D-00-04	LKD	21%	59%	13%	52%	5%	44%	Non-compliant	28%	No
D-00-04	Bedroom 1	19%	95%	13%	67%	8%	37%	Non-compliant	39%	No
D-00-04	Bedroom 2	16%	86%	8%	48%	4%	26%	Non-compliant	41%	No
D-00-05	LKD	29%	75%	20%	68%	11%	56%	Non-compliant	28%	No
D-00-05	Bedroom	21%	98%	16%	70%	5%	40%	Non-compliant	40%	No
D-00-06	LKD	37%	82%	28%	74%	19%	67%	Non-compliant	29%	No
D-00-06	Bedroom	3%	94%	0%	46%	0%	14%	Non-compliant	30%	No
D-00-07	LKD	100%	100%	100%	100%	89%	100%	Compliant	99%	Yes
D-00-07	Bedroom 1	31%	100%	22%	99%	17%	81%	Non-compliant	54%	No
D-00-07	Bedroom 2	59%	100%	44%	100%	32%	100%	Trees affecting compliance	96%	Yes
D-00-07	Bedroom 3	61%	100%	39%	100%	21%	100%	Trees affecting compliance	63%	No
D-00-08	LKD	98%	100%	92%	100%	87%	100%	Compliant	97%	Yes
D-00-08	Bedroom 1	36%	100%	25%	100%	15%	72%	Non-compliant	67%	No
D-00-08	Bedroom 2	30%	100%	22%	100%	13%	53%	Non-compliant	52%	No
D-00-09	LKD	25%	65%	23%	63%	21%	61%	Non-compliant	28%	No
D-00-09	Bedroom 1	29%	100%	27%	100%	27%	98%	Non-compliant	49%	No
D-00-09	Bedroom 2	23%	100%	23%	93%	20%	85%	Non-compliant	48%	No
D-00-10	LKD	20%	59%	17%	57%	13%	50%	Non-compliant	22%	No
D-00-10	Bedroom 1	22%	84%	16%	56%	6%	41%	Non-compliant	47%	No
D-00-10	Bedroom 2	21%	95%	21%	90%	21%	81%	Non-compliant	45%	No
D-00-11	LKD	12%	50%	7%	41%	1%	24%	Non-compliant	21%	No
D-00-11	Bedroom 1	8%	35%	6%	29%	5%	27%	Non-compliant	33%	No
D-00-11	Bedroom 2	19%	68%	9%	43%	0%	21%	Non-compliant	40%	No

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.7 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Ground Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)						Compliance with I.S. EN 17037 Criteria*	No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees			% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
D-00-12	LKD	12%	52%	9%	44%	3%	32%	Non-compliant	21%	No
D-00-12	Bedroom 1	8%	40%	6%	33%	5%	30%	Non-compliant	33%	No
D-00-12	Bedroom 2	19%	78%	10%	49%	0%	25%	Non-compliant	40%	No
D-00-13	LKD	21%	61%	17%	58%	15%	53%	Non-compliant	22%	No
D-00-13	Bedroom 1	22%	98%	14%	67%	11%	48%	Non-compliant	47%	No
D-00-13	Bedroom 2	24%	100%	23%	96%	19%	89%	Non-compliant	45%	No
D-00-14	LKD	27%	68%	22%	62%	16%	56%	Non-compliant	28%	No
D-00-14	Bedroom 1	30%	100%	25%	100%	19%	78%	Non-compliant	49%	No
D-00-14	Bedroom 2	24%	100%	23%	98%	21%	93%	Non-compliant	48%	No
D-00-15	LKD	99%	100%	92%	100%	83%	100%	Compliant	97%	Yes
D-00-15	Bedroom 1	39%	100%	26%	100%	15%	76%	Non-compliant	67%	No
D-00-15	Bedroom 2	30%	100%	22%	100%	13%	63%	Non-compliant	53%	No
D-00-16	LKD	100%	100%	100%	100%	90%	100%	Compliant	99%	Yes
D-00-16	Bedroom 1	30%	100%	23%	99%	16%	88%	Non-compliant	55%	No
D-00-16	Bedroom 2	62%	100%	54%	100%	44%	100%	Trees affecting compliance (summer only)	96%	Yes
D-00-16	Bedroom 3	61%	100%	43%	100%	21%	100%	Trees affecting compliance	65%	No
D-00-17	LKD	33%	80%	22%	68%	11%	53%	Non-compliant	29%	No
D-00-17	Bedroom	3%	87%	0%	75%	0%	52%	Non-compliant	31%	No
D-00-18	LKD	25%	71%	16%	62%	9%	49%	Non-compliant	27%	No
D-00-18	Bedroom	19%	97%	13%	57%	5%	29%	Non-compliant	40%	No
D-00-19	LKD	17%	55%	13%	52%	8%	46%	Non-compliant	24%	No
D-00-19	Bedroom 1	16%	73%	16%	62%	14%	48%	Non-compliant	39%	No
D-00-19	Bedroom 2	14%	64%	5%	38%	0%	16%	Non-compliant	39%	No
D-00-20	LKD	62%	99%	52%	92%	40%	87%	Trees affecting compliance	86%	Yes
D-00-20	Bedroom 1	20%	95%	8%	52%	0%	16%	Non-compliant	47%	No
D-00-20	Bedroom 2	17%	78%	8%	48%	2%	23%	Non-compliant	37%	No
D-00-21	LKD	44%	100%	39%	99%	32%	93%	Non-compliant	95%	Yes
D-00-21	Bedroom	83%	100%	38%	100%	6%	100%	Trees affecting compliance	97%	Yes
D-00-22	LKD	72%	100%	52%	100%	27%	79%	Trees affecting compliance (summer only)	98%	Yes
D-00-22	Bedroom	72%	100%	42%	100%	27%	100%	Trees affecting compliance	96%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.8 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - First Floor

Table No. D.1.8 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - First Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
D-01-01	LKD	48%	100%	42%	100%	36%	100%	Non-compliant	82%	Yes
D-01-01	Bedroom 1	49%	100%	31%	100%	11%	53%	Non-compliant	98%	Yes
D-01-01	Bedroom 2	86%	100%	70%	100%	58%	100%	Compliant	96%	Yes
D-01-02	LKD	86%	100%	69%	100%	53%	100%	Compliant	99%	Yes
D-01-02	Bedroom	73%	100%	62%	100%	54%	100%	Compliant	97%	Yes
D-01-03	LKD	86%	100%	84%	100%	84%	100%	Compliant	99%	Yes
D-01-03	Bedroom 1	100%	100%	98%	100%	87%	100%	Compliant	99%	Yes
D-01-03	Bedroom 2	45%	100%	23%	100%	7%	52%	Non-compliant	95%	Yes
D-01-03	Bedroom 3	86%	100%	57%	100%	32%	100%	Trees affecting compliance (summer only)	97%	Yes
D-01-04	LKD	77%	100%	75%	100%	69%	99%	Compliant	88%	Yes
D-01-04	Bedroom 1	38%	100%	34%	100%	27%	100%	Non-compliant	57%	No
D-01-04	Bedroom 2	27%	100%	23%	100%	22%	87%	Non-compliant	43%	No
D-01-05	LKD	24%	61%	22%	58%	19%	55%	Non-compliant	28%	No
D-01-05	Bedroom 1	27%	100%	24%	100%	19%	81%	Non-compliant	44%	No
D-01-05	Bedroom 2	24%	100%	20%	96%	16%	81%	Non-compliant	45%	No
D-01-06	LKD	35%	74%	31%	72%	23%	68%	Non-compliant	30%	No
D-01-06	Bedroom	30%	100%	29%	100%	25%	100%	Non-compliant	46%	No
D-01-07	LKD	28%	65%	22%	57%	15%	48%	Non-compliant	28%	No
D-01-07	Bedroom 1	38%	100%	33%	100%	32%	100%	Non-compliant	46%	No
D-01-07	Bedroom 2	21%	100%	20%	99%	16%	93%	Non-compliant	42%	No
D-01-08	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-01-08	Bedroom 1	36%	100%	32%	100%	30%	100%	Non-compliant	58%	No
D-01-08	Bedroom 2	69%	100%	59%	100%	54%	100%	Compliant	96%	Yes
D-01-08	Bedroom 3	79%	100%	64%	100%	54%	100%	Compliant	67%	No
D-01-09	LKD	97%	100%	94%	100%	91%	100%	Compliant	97%	Yes
D-01-09	Bedroom 1	47%	100%	40%	100%	36%	100%	Non-compliant	71%	No
D-01-09	Bedroom 2	40%	100%	30%	100%	25%	100%	Non-compliant	58%	No
D-01-10	LKD	33%	73%	32%	72%	30%	70%	Non-compliant	31%	No
D-01-10	Bedroom 1	43%	100%	43%	100%	41%	100%	Non-compliant	64%	No
D-01-10	Bedroom 2	44%	100%	43%	100%	38%	100%	Non-compliant	60%	No
D-01-11	LKD	26%	65%	26%	64%	25%	63%	Non-compliant	24%	No
D-01-11	Bedroom 1	40%	100%	37%	100%	35%	100%	Non-compliant	63%	No
D-01-11	Bedroom 2	34%	100%	34%	100%	34%	100%	Non-compliant	60%	No
D-01-12	LKD	18%	56%	17%	53%	15%	50%	Non-compliant	24%	No
D-01-12	Bedroom 1	16%	65%	14%	57%	13%	51%	Non-compliant	45%	No
D-01-12	Bedroom 2	29%	100%	29%	100%	24%	89%	Non-compliant	55%	No

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.8 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - First Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
D-01-13	LKD	18%	57%	16%	52%	13%	48%	Non-compliant	24%	No
D-01-13	Bedroom 1	16%	68%	13%	65%	11%	56%	Non-compliant	45%	No
D-01-13	Bedroom 2	33%	100%	28%	99%	24%	78%	Non-compliant	55%	No
D-01-14	LKD	27%	65%	26%	65%	25%	63%	Non-compliant	25%	No
D-01-14	Bedroom 1	40%	100%	38%	100%	33%	100%	Non-compliant	63%	No
D-01-14	Bedroom 2	38%	100%	35%	100%	34%	100%	Non-compliant	60%	No
D-01-15	LKD	34%	75%	32%	73%	30%	69%	Non-compliant	31%	No
D-01-15	Bedroom 1	43%	100%	41%	100%	41%	100%	Non-compliant	64%	No
D-01-15	Bedroom 2	48%	100%	44%	100%	41%	100%	Non-compliant	60%	No
D-01-16	LKD	98%	100%	96%	100%	93%	100%	Compliant	97%	Yes
D-01-16	Bedroom 1	54%	100%	49%	100%	39%	100%	Trees affecting compliance	72%	No
D-01-16	Bedroom 2	42%	100%	33%	100%	27%	100%	Non-compliant	58%	No
D-01-17	LKD	100%	100%	100%	100%	98%	100%	Compliant	99%	Yes
D-01-17	Bedroom 1	34%	100%	31%	100%	30%	100%	Non-compliant	59%	No
D-01-17	Bedroom 2	69%	100%	63%	100%	60%	100%	Compliant	96%	Yes
D-01-17	Bedroom 3	82%	100%	61%	100%	50%	100%	Compliant	69%	No
D-01-18	LKD	29%	66%	26%	63%	24%	60%	Non-compliant	29%	No
D-01-18	Bedroom 1	37%	100%	32%	100%	29%	100%	Non-compliant	47%	No
D-01-18	Bedroom 2	23%	100%	18%	90%	14%	66%	Non-compliant	42%	No
D-01-19	LKD	30%	71%	27%	68%	22%	65%	Non-compliant	29%	No
D-01-19	Bedroom	32%	100%	25%	100%	24%	98%	Non-compliant	46%	No
D-01-20	LKD	22%	57%	20%	56%	18%	54%	Non-compliant	26%	No
D-01-20	Bedroom 1	25%	100%	22%	100%	22%	98%	Non-compliant	44%	No
D-01-20	Bedroom 2	20%	99%	15%	68%	13%	45%	Non-compliant	44%	No
D-01-21	LKD	69%	100%	65%	97%	61%	94%	Trees affecting compliance (summer only)	86%	Yes
D-01-21	Bedroom 1	27%	100%	25%	100%	20%	78%	Non-compliant	52%	No
D-01-21	Bedroom 2	23%	100%	22%	90%	17%	65%	Non-compliant	42%	No
D-01-22	LKD	82%	100%	81%	100%	79%	100%	Compliant	99%	Yes
D-01-22	Bedroom 1	100%	100%	98%	100%	92%	100%	Compliant	99%	Yes
D-01-22	Bedroom 2	45%	100%	27%	100%	15%	98%	Non-compliant	95%	Yes
D-01-22	Bedroom 3	71%	100%	61%	100%	39%	100%	Trees affecting compliance (summer only)	97%	Yes
D-01-23	LKD	83%	100%	74%	100%	66%	100%	Compliant	98%	Yes
D-01-23	Bedroom	76%	100%	65%	100%	56%	100%	Compliant	97%	Yes
D-01-24	LKD	50%	100%	40%	100%	33%	100%	Trees affecting compliance	82%	Yes
D-01-24	Bedroom 1	49%	100%	39%	100%	28%	100%	Non-compliant	98%	Yes
D-01-24	Bedroom 2	83%	100%	70%	100%	52%	100%	Compliant	96%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.9 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Second Floor

Table No. D.1.9 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Second Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
D-02-01	LKD	62%	100%	59%	100%	58%	100%	Compliant	87%	Yes
D-02-01	Bedroom 1	51%	100%	49%	100%	47%	100%	Trees affecting compliance	98%	Yes
D-02-01	Bedroom 2	100%	100%	100%	100%	98%	100%	Compliant	96%	Yes
D-02-02	LKD	94%	100%	93%	100%	92%	100%	Compliant	99%	Yes
D-02-02	Bedroom	86%	100%	83%	100%	75%	100%	Compliant	97%	Yes
D-02-03	LKD	88%	100%	88%	100%	87%	100%	Compliant	99%	Yes
D-02-03	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-02-03	Bedroom 2	55%	100%	47%	100%	45%	100%	Trees affecting compliance	95%	Yes
D-02-03	Bedroom 3	86%	100%	86%	100%	86%	100%	Compliant	97%	Yes
D-02-04	LKD	78%	100%	78%	100%	77%	100%	Compliant	88%	Yes
D-02-04	Bedroom 1	48%	100%	48%	100%	47%	100%	Non-compliant	70%	No
D-02-04	Bedroom 2	37%	100%	37%	100%	35%	100%	Non-compliant	57%	No
D-02-05	LKD	29%	67%	27%	66%	27%	64%	Non-compliant	33%	No
D-02-05	Bedroom 1	38%	100%	37%	100%	37%	100%	Non-compliant	59%	No
D-02-05	Bedroom 2	30%	100%	30%	100%	30%	100%	Non-compliant	58%	No
D-02-06	LKD	41%	82%	41%	82%	41%	81%	Non-compliant	37%	No
D-02-06	Bedroom	43%	100%	40%	100%	40%	100%	Non-compliant	62%	No
D-02-07	LKD	32%	71%	32%	71%	30%	69%	Non-compliant	32%	No
D-02-07	Bedroom 1	46%	100%	44%	100%	43%	100%	Non-compliant	60%	No
D-02-07	Bedroom 2	35%	100%	33%	100%	30%	100%	Non-compliant	56%	No
D-02-08	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-02-08	Bedroom 1	48%	100%	44%	100%	43%	100%	Non-compliant	72%	No
D-02-08	Bedroom 2	77%	100%	69%	100%	68%	100%	Compliant	96%	Yes
D-02-08	Bedroom 3	100%	100%	89%	100%	86%	100%	Compliant	80%	No
D-02-09	LKD	99%	100%	98%	100%	97%	100%	Compliant	97%	Yes
D-02-09	Bedroom 1	61%	100%	58%	100%	54%	100%	Compliant	85%	Yes
D-02-09	Bedroom 2	53%	100%	47%	100%	43%	100%	Trees affecting compliance	72%	No
D-02-10	LKD	38%	80%	37%	79%	36%	78%	Non-compliant	39%	No
D-02-10	Bedroom 1	56%	100%	56%	100%	52%	100%	Compliant	85%	Yes
D-02-10	Bedroom 2	55%	100%	54%	100%	53%	100%	Compliant	80%	Yes
D-02-11	LKD	32%	72%	32%	72%	32%	72%	Non-compliant	37%	No
D-02-11	Bedroom 1	51%	100%	49%	100%	48%	100%	Trees affecting compliance	85%	Yes
D-02-11	Bedroom 2	45%	100%	45%	100%	45%	100%	Non-compliant	80%	No
D-02-12	LKD	25%	63%	25%	62%	25%	61%	Non-compliant	36%	No
D-02-12	Bedroom 1	25%	90%	22%	86%	22%	86%	Non-compliant	61%	No
D-02-12	Bedroom 2	39%	100%	36%	100%	34%	100%	Non-compliant	79%	No

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.9 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Second Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)						Compliance with I.S. EN 17037 Criteria*	No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees			% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
D-02-13	LKD	27%	63%	26%	63%	25%	63%	Non-compliant	36%	No
D-02-13	Bedroom 1	24%	94%	22%	94%	22%	87%	Non-compliant	61%	No
D-02-13	Bedroom 2	40%	100%	39%	100%	39%	100%	Non-compliant	79%	No
D-02-14	LKD	34%	74%	34%	74%	32%	74%	Non-compliant	37%	No
D-02-14	Bedroom 1	52%	100%	52%	100%	49%	100%	Trees affecting compliance (summer only)	85%	Yes
D-02-14	Bedroom 2	49%	100%	49%	100%	49%	100%	Non-compliant	80%	No
D-02-15	LKD	39%	85%	39%	82%	38%	80%	Non-compliant	39%	No
D-02-15	Bedroom 1	57%	100%	56%	100%	54%	100%	Compliant	85%	Yes
D-02-15	Bedroom 2	58%	100%	56%	100%	54%	100%	Compliant	80%	Yes
D-02-16	LKD	99%	100%	99%	100%	98%	100%	Compliant	97%	Yes
D-02-16	Bedroom 1	71%	100%	64%	100%	60%	100%	Compliant	85%	Yes
D-02-16	Bedroom 2	55%	100%	53%	100%	47%	100%	Trees affecting compliance (summer only)	72%	No
D-02-17	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-02-17	Bedroom 1	43%	100%	42%	100%	38%	100%	Non-compliant	73%	No
D-02-17	Bedroom 2	77%	100%	71%	100%	68%	100%	Compliant	96%	Yes
D-02-17	Bedroom 3	100%	100%	96%	100%	82%	100%	Compliant	81%	Yes
D-02-18	LKD	32%	70%	31%	69%	30%	69%	Non-compliant	33%	No
D-02-18	Bedroom 1	43%	100%	43%	100%	41%	100%	Non-compliant	60%	No
D-02-18	Bedroom 2	33%	100%	33%	100%	29%	100%	Non-compliant	56%	No
D-02-19	LKD	37%	77%	36%	77%	33%	77%	Non-compliant	36%	No
D-02-19	Bedroom	40%	100%	40%	100%	40%	100%	Non-compliant	62%	No
D-02-20	LKD	26%	65%	26%	64%	25%	62%	Non-compliant	31%	No
D-02-20	Bedroom 1	33%	100%	33%	100%	32%	100%	Non-compliant	59%	No
D-02-20	Bedroom 2	28%	100%	28%	100%	26%	100%	Non-compliant	57%	No
D-02-21	LKD	77%	100%	75%	100%	75%	100%	Compliant	86%	Yes
D-02-21	Bedroom 1	41%	100%	39%	100%	38%	100%	Non-compliant	67%	No
D-02-21	Bedroom 2	33%	100%	32%	100%	30%	100%	Non-compliant	55%	No
D-02-22	LKD	85%	100%	85%	100%	84%	100%	Compliant	99%	Yes
D-02-22	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-02-22	Bedroom 2	55%	100%	48%	100%	45%	100%	Trees affecting compliance	95%	Yes
D-02-22	Bedroom 3	82%	100%	82%	100%	79%	100%	Compliant	97%	Yes
D-02-23	LKD	93%	100%	92%	100%	91%	100%	Compliant	98%	Yes
D-02-23	Bedroom	92%	100%	81%	100%	75%	100%	Compliant	97%	Yes
D-02-24	LKD	62%	100%	59%	100%	56%	100%	Compliant	87%	Yes
D-02-24	Bedroom 1	54%	100%	53%	100%	49%	100%	Trees affecting compliance (summer only)	98%	Yes
D-02-24	Bedroom 2	98%	100%	97%	100%	97%	100%	Compliant	96%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.10 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Third Floor

Table No. D.1.10 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Third Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
D-03-01	LKD	75%	100%	75%	100%	74%	100%	Compliant	92%	Yes
D-03-01	Bedroom 1	57%	100%	57%	100%	56%	100%	Compliant	98%	Yes
D-03-01	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
D-03-02	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-03-02	Bedroom	100%	100%	98%	100%	92%	100%	Compliant	97%	Yes
D-03-03	LKD	89%	100%	88%	100%	88%	100%	Compliant	100%	Yes
D-03-03	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-03-03	Bedroom 2	58%	100%	57%	100%	55%	100%	Compliant	95%	Yes
D-03-03	Bedroom 3	89%	100%	89%	100%	86%	100%	Compliant	97%	Yes
D-03-04	LKD	81%	100%	81%	100%	80%	100%	Compliant	88%	Yes
D-03-04	Bedroom 1	61%	100%	61%	100%	59%	100%	Compliant	94%	Yes
D-03-04	Bedroom 2	50%	100%	48%	100%	47%	100%	Trees affecting compliance	81%	Yes
D-03-05	LKD	37%	76%	37%	76%	36%	76%	Non-compliant	47%	No
D-03-05	Bedroom 1	49%	100%	49%	100%	48%	100%	Non-compliant	86%	Yes
D-03-05	Bedroom 2	43%	100%	41%	100%	40%	100%	Non-compliant	83%	Yes
D-03-06	LKD	53%	90%	53%	90%	53%	88%	Non-compliant	54%	No
D-03-06	Bedroom	54%	100%	54%	100%	52%	100%	Compliant	90%	Yes
D-03-07	LKD	39%	80%	39%	79%	39%	79%	Non-compliant	46%	No
D-03-07	Bedroom 1	60%	100%	54%	100%	54%	100%	Compliant	86%	Yes
D-03-07	Bedroom 2	44%	100%	44%	100%	43%	100%	Non-compliant	82%	Yes
D-03-08	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-03-08	Bedroom 1	61%	100%	60%	100%	55%	100%	Compliant	93%	Yes
D-03-08	Bedroom 2	85%	100%	78%	100%	77%	100%	Compliant	96%	Yes
D-03-08	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-03-09	LKD	99%	100%	99%	100%	99%	100%	Compliant	97%	Yes
D-03-09	Bedroom 1	78%	100%	71%	100%	69%	100%	Compliant	96%	Yes
D-03-09	Bedroom 2	58%	100%	58%	100%	57%	100%	Compliant	97%	Yes
D-03-10	LKD	45%	97%	45%	96%	45%	96%	Non-compliant	62%	No
D-03-10	Bedroom 1	67%	100%	67%	100%	67%	100%	Compliant	97%	Yes
D-03-10	Bedroom 2	63%	100%	61%	100%	60%	100%	Compliant	97%	Yes
D-03-11	LKD	42%	88%	42%	88%	42%	88%	Non-compliant	62%	No
D-03-11	Bedroom 1	60%	100%	59%	100%	57%	100%	Compliant	97%	Yes
D-03-11	Bedroom 2	56%	100%	56%	100%	55%	100%	Compliant	97%	Yes
D-03-12	LKD	38%	75%	37%	75%	36%	75%	Non-compliant	61%	No
D-03-12	Bedroom 1	35%	100%	35%	100%	35%	100%	Non-compliant	84%	Yes
D-03-12	Bedroom 2	49%	100%	49%	100%	46%	100%	Non-compliant	96%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.10 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Third Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
D-03-13	LKD	38%	77%	38%	77%	38%	77%	Non-compliant	61%	No
D-03-13	Bedroom 1	41%	100%	40%	100%	37%	100%	Non-compliant	84%	Yes
D-03-13	Bedroom 2	55%	100%	54%	100%	51%	100%	Compliant	96%	Yes
D-03-14	LKD	44%	90%	44%	90%	44%	89%	Non-compliant	62%	No
D-03-14	Bedroom 1	62%	100%	62%	100%	62%	100%	Compliant	97%	Yes
D-03-14	Bedroom 2	59%	100%	59%	100%	59%	100%	Compliant	97%	Yes
D-03-15	LKD	46%	98%	46%	98%	44%	98%	Non-compliant	62%	No
D-03-15	Bedroom 1	70%	100%	70%	100%	67%	100%	Compliant	97%	Yes
D-03-15	Bedroom 2	69%	100%	69%	100%	66%	100%	Compliant	97%	Yes
D-03-16	LKD	100%	100%	100%	100%	99%	100%	Compliant	97%	Yes
D-03-16	Bedroom 1	83%	100%	81%	100%	75%	100%	Compliant	96%	Yes
D-03-16	Bedroom 2	65%	100%	65%	100%	58%	100%	Compliant	97%	Yes
D-03-17	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-03-17	Bedroom 1	55%	100%	49%	100%	49%	100%	Trees affecting compliance	93%	Yes
D-03-17	Bedroom 2	82%	100%	77%	100%	76%	100%	Compliant	96%	Yes
D-03-17	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-03-18	LKD	39%	81%	39%	80%	39%	78%	Non-compliant	46%	No
D-03-18	Bedroom 1	56%	100%	54%	100%	54%	100%	Compliant	86%	Yes
D-03-18	Bedroom 2	41%	100%	40%	100%	40%	100%	Non-compliant	82%	Yes
D-03-19	LKD	47%	85%	47%	85%	46%	85%	Non-compliant	54%	No
D-03-19	Bedroom	52%	100%	51%	100%	49%	100%	Trees affecting compliance (summer only)	90%	Yes
D-03-20	LKD	35%	73%	35%	73%	35%	72%	Non-compliant	46%	No
D-03-20	Bedroom 1	44%	100%	44%	100%	43%	100%	Non-compliant	86%	Yes
D-03-20	Bedroom 2	38%	100%	38%	100%	38%	100%	Non-compliant	82%	Yes
D-03-21	LKD	80%	100%	80%	100%	80%	100%	Compliant	87%	Yes
D-03-21	Bedroom 1	55%	100%	50%	100%	50%	100%	Compliant	94%	Yes
D-03-21	Bedroom 2	45%	100%	43%	100%	43%	100%	Non-compliant	79%	No
D-03-22	LKD	87%	100%	87%	100%	87%	100%	Compliant	100%	Yes
D-03-22	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-03-22	Bedroom 2	58%	100%	58%	100%	57%	100%	Compliant	95%	Yes
D-03-22	Bedroom 3	86%	100%	86%	100%	86%	100%	Compliant	97%	Yes
D-03-23	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-03-23	Bedroom	97%	100%	97%	100%	97%	100%	Compliant	97%	Yes
D-03-24	LKD	79%	100%	76%	100%	73%	100%	Compliant	92%	Yes
D-03-24	Bedroom 1	57%	100%	56%	100%	56%	100%	Compliant	98%	Yes
D-03-24	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.11 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Fourth Floor

Table No. D.1.11 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Fourth Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
D-04-01	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-04-01	Bedroom 1	58%	100%	58%	100%	58%	100%	Compliant	98%	Yes
D-04-01	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
D-04-02	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
D-04-02	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-04-03	LKD	91%	100%	91%	100%	91%	100%	Compliant	100%	Yes
D-04-03	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-04-03	Bedroom 2	52%	100%	52%	100%	48%	100%	Trees affecting compliance (summer only)	95%	Yes
D-04-03	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-04-04	LKD	83%	100%	83%	100%	83%	100%	Compliant	94%	Yes
D-04-04	Bedroom 1	75%	100%	73%	100%	73%	100%	Compliant	96%	Yes
D-04-04	Bedroom 2	58%	100%	58%	100%	58%	100%	Compliant	97%	Yes
D-04-05	LKD	47%	97%	47%	97%	47%	97%	Non-compliant	76%	No
D-04-05	Bedroom 1	63%	100%	62%	100%	62%	100%	Compliant	97%	Yes
D-04-05	Bedroom 2	55%	100%	55%	100%	55%	100%	Compliant	97%	Yes
D-04-06	LKD	61%	100%	61%	100%	61%	100%	Compliant	82%	Yes
D-04-06	Bedroom	68%	100%	68%	100%	67%	100%	Compliant	97%	Yes
D-04-07	LKD	48%	98%	48%	98%	48%	97%	Non-compliant	76%	No
D-04-07	Bedroom 1	75%	100%	71%	100%	70%	100%	Compliant	97%	Yes
D-04-07	Bedroom 2	55%	100%	53%	100%	53%	100%	Compliant	97%	Yes
D-04-08	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
D-04-08	Bedroom 1	74%	100%	73%	100%	73%	100%	Compliant	93%	Yes
D-04-08	Bedroom 2	91%	100%	91%	100%	88%	100%	Compliant	97%	Yes
D-04-08	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-04-09	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-04-09	Bedroom 1	89%	100%	86%	100%	82%	100%	Compliant	96%	Yes
D-04-09	Bedroom 2	72%	100%	70%	100%	68%	100%	Compliant	97%	Yes
D-04-10	LKD	51%	100%	51%	100%	51%	100%	Compliant	98%	Yes
D-04-10	Bedroom 1	81%	100%	81%	100%	81%	100%	Compliant	97%	Yes
D-04-10	Bedroom 2	76%	100%	76%	100%	76%	100%	Compliant	97%	Yes
D-04-11	LKD	50%	100%	50%	100%	50%	100%	Compliant	98%	Yes
D-04-11	Bedroom 1	76%	100%	76%	100%	76%	100%	Compliant	97%	Yes
D-04-11	Bedroom 2	69%	100%	69%	100%	69%	100%	Compliant	97%	Yes
D-04-12	LKD	48%	99%	48%	99%	48%	99%	Non-compliant	98%	Yes
D-04-12	Bedroom 1	56%	100%	56%	100%	56%	100%	Compliant	96%	Yes
D-04-12	Bedroom 2	64%	100%	64%	100%	63%	100%	Compliant	97%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.11 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Fourth Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
D-04-13	LKD	49%	100%	49%	100%	48%	100%	Non-compliant	98%	Yes
D-04-13	Bedroom 1	62%	100%	62%	100%	62%	100%	Compliant	96%	Yes
D-04-13	Bedroom 2	70%	100%	70%	100%	69%	100%	Compliant	97%	Yes
D-04-14	LKD	52%	100%	52%	100%	51%	100%	Compliant	98%	Yes
D-04-14	Bedroom 1	78%	100%	78%	100%	78%	100%	Compliant	97%	Yes
D-04-14	Bedroom 2	74%	100%	74%	100%	70%	100%	Compliant	97%	Yes
D-04-15	LKD	52%	100%	52%	100%	52%	100%	Compliant	98%	Yes
D-04-15	Bedroom 1	84%	100%	84%	100%	83%	100%	Compliant	97%	Yes
D-04-15	Bedroom 2	80%	100%	80%	100%	78%	100%	Compliant	97%	Yes
D-04-16	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-04-16	Bedroom 1	96%	100%	94%	100%	92%	100%	Compliant	96%	Yes
D-04-16	Bedroom 2	78%	100%	72%	100%	68%	100%	Compliant	97%	Yes
D-04-17	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-04-17	Bedroom 1	70%	100%	68%	100%	66%	100%	Compliant	93%	Yes
D-04-17	Bedroom 2	88%	100%	87%	100%	85%	100%	Compliant	97%	Yes
D-04-17	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-04-18	LKD	48%	97%	48%	97%	48%	96%	Non-compliant	76%	No
D-04-18	Bedroom 1	71%	100%	68%	100%	65%	100%	Compliant	97%	Yes
D-04-18	Bedroom 2	51%	100%	51%	100%	49%	100%	Trees affecting compliance (summer only)	97%	Yes
D-04-19	LKD	56%	100%	56%	100%	56%	100%	Compliant	82%	Yes
D-04-19	Bedroom	65%	100%	63%	100%	63%	100%	Compliant	96%	Yes
D-04-20	LKD	44%	91%	44%	90%	44%	90%	Non-compliant	76%	No
D-04-20	Bedroom 1	59%	100%	59%	100%	57%	100%	Compliant	97%	Yes
D-04-20	Bedroom 2	51%	100%	51%	100%	49%	100%	Trees affecting compliance (summer only)	97%	Yes
D-04-21	LKD	83%	100%	83%	100%	83%	100%	Compliant	93%	Yes
D-04-21	Bedroom 1	67%	100%	67%	100%	67%	100%	Compliant	96%	Yes
D-04-21	Bedroom 2	55%	100%	55%	100%	53%	100%	Compliant	97%	Yes
D-04-22	LKD	89%	100%	88%	100%	88%	100%	Compliant	100%	Yes
D-04-22	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-04-22	Bedroom 2	55%	100%	55%	100%	53%	100%	Compliant	95%	Yes
D-04-22	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-04-23	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
D-04-23	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-04-24	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
D-04-24	Bedroom 1	57%	100%	57%	100%	57%	100%	Compliant	98%	Yes
D-04-24	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.12 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Fifth Floor

Table No. D.1.12 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Fifth Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
D-05-01	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
D-05-01	Bedroom	62%	100%	62%	100%	62%	100%	Compliant	98%	Yes
D-05-02	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
D-05-02	Bedroom	95%	100%	95%	100%	95%	100%	Compliant	96%	Yes
D-05-03	LKD	88%	100%	88%	100%	88%	100%	Compliant	100%	Yes
D-05-03	Bedroom 1	97%	100%	97%	100%	94%	100%	Compliant	96%	Yes
D-05-03	Bedroom 2	75%	100%	75%	100%	72%	100%	Compliant	97%	Yes
D-05-04	LKD	58%	100%	58%	100%	58%	100%	Compliant	98%	Yes
D-05-04	Bedroom 1	84%	100%	81%	100%	81%	100%	Compliant	97%	Yes
D-05-04	Bedroom 2	70%	100%	70%	100%	70%	100%	Compliant	97%	Yes
D-05-05	LKD	73%	100%	73%	100%	73%	100%	Compliant	100%	Yes
D-05-05	Bedroom	97%	100%	94%	100%	94%	100%	Compliant	97%	Yes
D-05-06	LKD	60%	100%	60%	100%	59%	100%	Compliant	98%	Yes
D-05-06	Bedroom 1	98%	100%	97%	100%	97%	100%	Compliant	97%	Yes
D-05-06	Bedroom 2	70%	100%	70%	100%	69%	100%	Compliant	97%	Yes
D-05-07	LKD	97%	100%	97%	100%	97%	100%	Compliant	100%	Yes
D-05-07	Bedroom 1	100%	100%	100%	100%	98%	100%	Compliant	95%	Yes
D-05-07	Bedroom 2	100%	100%	100%	100%	98%	100%	Compliant	97%	Yes
D-05-08	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
D-05-08	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-05-09	LKD	65%	100%	65%	100%	64%	100%	Compliant	98%	Yes
D-05-09	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-05-09	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-05-10	LKD	64%	100%	64%	100%	64%	100%	Compliant	98%	Yes
D-05-10	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-05-10	Bedroom 2	98%	100%	98%	100%	98%	100%	Compliant	97%	Yes
D-05-11	LKD	64%	100%	64%	100%	63%	100%	Compliant	98%	Yes
D-05-11	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
D-05-11	Bedroom 2	96%	100%	95%	100%	95%	100%	Compliant	97%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.12 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block D - Fifth Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
D-05-12	LKD	65%	100%	65%	100%	65%	100%	Compliant	98%	Yes
D-05-12	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
D-05-12	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-05-13	LKD	66%	100%	66%	100%	65%	100%	Compliant	98%	Yes
D-05-13	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-05-13	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-05-14	LKD	66%	100%	66%	100%	66%	100%	Compliant	98%	Yes
D-05-14	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-05-14	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-05-15	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
D-05-15	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
D-05-16	LKD	95%	100%	95%	100%	95%	100%	Compliant	100%	Yes
D-05-16	Bedroom 1	97%	100%	97%	100%	97%	100%	Compliant	95%	Yes
D-05-16	Bedroom 2	94%	100%	94%	100%	89%	100%	Compliant	97%	Yes
D-05-17	LKD	57%	100%	57%	100%	57%	100%	Compliant	98%	Yes
D-05-17	Bedroom 1	87%	100%	87%	100%	87%	100%	Compliant	97%	Yes
D-05-17	Bedroom 2	65%	100%	65%	100%	64%	100%	Compliant	97%	Yes
D-05-18	LKD	69%	100%	69%	100%	69%	100%	Compliant	100%	Yes
D-05-18	Bedroom	84%	100%	84%	100%	84%	100%	Compliant	97%	Yes
D-05-19	LKD	57%	100%	57%	100%	57%	100%	Compliant	98%	Yes
D-05-19	Bedroom 1	76%	100%	76%	100%	76%	100%	Compliant	97%	Yes
D-05-19	Bedroom 2	64%	100%	64%	100%	64%	100%	Compliant	97%	Yes
D-05-20	LKD	89%	100%	89%	100%	89%	100%	Compliant	100%	Yes
D-05-20	Bedroom 1	88%	100%	88%	100%	84%	100%	Compliant	96%	Yes
D-05-20	Bedroom 2	68%	100%	68%	100%	68%	100%	Compliant	97%	Yes
D-05-21	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
D-05-21	Bedroom	98%	100%	98%	100%	98%	100%	Compliant	96%	Yes
D-05-22	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
D-05-22	Bedroom	65%	100%	65%	100%	65%	100%	Compliant	98%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.13 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Ground Floor

Table No. D.1.13 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Ground Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
E-00-01	LKD	88%	100%	83%	100%	64%	100%	Compliant	100%	Yes
E-00-01	Bedroom 1	98%	100%	59%	100%	33%	100%	Trees affecting compliance (summer only)	96%	Yes
E-00-01	Bedroom 2	78%	100%	47%	100%	20%	100%	Trees affecting compliance	97%	Yes
E-00-02	LKD	69%	100%	60%	100%	47%	100%	Trees affecting compliance (summer only)	100%	Yes
E-00-02	Bedroom	98%	100%	68%	100%	41%	100%	Trees affecting compliance (summer only)	97%	Yes
E-00-03	LKD	56%	100%	45%	100%	34%	100%	Trees affecting compliance	98%	Yes
E-00-03	Bedroom 1	87%	100%	19%	100%	0%	19%	Trees affecting compliance	99%	Yes
E-00-03	Bedroom 2	66%	100%	54%	100%	35%	100%	Trees affecting compliance (summer only)	97%	Yes
E-00-04	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-00-04	Bedroom 1	77%	100%	43%	100%	22%	97%	Trees affecting compliance	93%	Yes
E-00-04	Bedroom 2	71%	100%	68%	100%	62%	100%	Compliant	99%	Yes
E-00-04	Bedroom 3	100%	100%	79%	100%	25%	100%	Trees affecting compliance (summer only)	98%	Yes
E-00-05	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-00-05	Bedroom 1	100%	100%	100%	100%	76%	100%	Compliant	97%	Yes
E-00-05	Bedroom 2	98%	100%	80%	100%	58%	100%	Compliant	98%	Yes
E-00-06	LKD	64%	76%	58%	76%	52%	75%	Non-compliant	61%	No
E-00-06	Bedroom	77%	100%	69%	100%	58%	100%	Compliant	79%	No
E-00-07	LKD	31%	70%	26%	63%	20%	52%	Non-compliant	72%	No
E-00-07	Bedroom 1	43%	100%	29%	100%	13%	56%	Non-compliant	71%	No
E-00-07	Bedroom 2	3%	30%	3%	23%	1%	18%	Non-compliant	60%	No
E-00-08	LKD	32%	74%	21%	59%	10%	44%	Non-compliant	46%	No
E-00-08	Bedroom 1	29%	100%	19%	83%	8%	46%	Non-compliant	53%	No
E-00-08	Bedroom 2	34%	100%	14%	68%	3%	23%	Non-compliant	61%	No
E-00-09	LKD	20%	57%	9%	43%	0%	22%	Non-compliant	28%	No
E-00-09	Bedroom 1	11%	62%	11%	43%	10%	37%	Non-compliant	37%	No
E-00-09	Bedroom 2	23%	93%	11%	54%	3%	26%	Non-compliant	47%	No
E-00-10	LKD	38%	82%	31%	76%	26%	69%	Non-compliant	40%	No
E-00-10	Bedroom	41%	100%	27%	100%	24%	95%	Non-compliant	66%	No
E-00-11	LKD	37%	83%	32%	73%	26%	63%	Non-compliant	57%	No
E-00-11	Bedroom 1	38%	100%	29%	100%	14%	60%	Non-compliant	63%	No
E-00-11	Bedroom 2	38%	100%	36%	100%	35%	100%	Non-compliant	69%	No
E-00-12	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-00-12	Bedroom 1	65%	100%	29%	100%	6%	99%	Trees affecting compliance	85%	Yes
E-00-12	Bedroom 2	47%	100%	32%	100%	15%	100%	Non-compliant	78%	No
E-00-13	LKD	100%	100%	99%	100%	81%	100%	Compliant	100%	Yes
E-00-13	Bedroom 1	29%	100%	22%	99%	16%	88%	Non-compliant	55%	No
E-00-13	Bedroom 2	62%	100%	41%	100%	15%	100%	Trees affecting compliance	99%	Yes
E-00-13	Bedroom 3	57%	100%	43%	100%	25%	100%	Trees affecting compliance	66%	No
E-00-14	LKD	29%	75%	23%	68%	15%	59%	Non-compliant	33%	No
E-00-14	Bedroom	17%	97%	17%	70%	13%	48%	Non-compliant	40%	No

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.13 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Ground Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
E-00-15	LKD	28%	74%	23%	68%	17%	64%	Non-compliant	28%	No
E-00-15	Bedroom	17%	94%	17%	73%	17%	60%	Non-compliant	40%	No
E-00-16	LKD	28%	74%	21%	68%	18%	63%	Non-compliant	27%	No
E-00-16	Bedroom	19%	100%	17%	63%	13%	43%	Non-compliant	42%	No
E-00-17	LKD	62%	98%	56%	92%	47%	87%	Trees affecting compliance	80%	No
E-00-17	Bedroom 1	22%	98%	19%	83%	16%	61%	Non-compliant	44%	No
E-00-17	Bedroom 2	15%	85%	15%	65%	13%	52%	Non-compliant	35%	No
E-00-18	LKD	76%	100%	58%	100%	50%	100%	Compliant	98%	Yes
E-00-18	Bedroom 1	71%	100%	49%	100%	32%	100%	Trees affecting compliance	97%	Yes
E-00-18	Bedroom 2	48%	100%	29%	100%	16%	100%	Non-compliant	97%	Yes
E-00-19	LKD	99%	100%	83%	100%	60%	100%	Compliant	99%	Yes
E-00-19	Bedroom	71%	100%	46%	100%	30%	100%	Trees affecting compliance	96%	Yes
E-00-20	LKD	76%	100%	51%	100%	34%	99%	Trees affecting compliance (summer only)	99%	Yes
E-00-20	Bedroom 1	76%	100%	40%	100%	13%	100%	Trees affecting compliance	97%	Yes
E-00-20	Bedroom 2	58%	100%	41%	100%	29%	100%	Trees affecting compliance	97%	Yes

D.1.14 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - First Floor

Table No. D.1.14 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - First Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
E-01-01	LKD	87%	100%	86%	100%	83%	100%	Compliant	100%	Yes
E-01-01	Bedroom 1	100%	100%	91%	100%	72%	100%	Compliant	96%	Yes
E-01-01	Bedroom 2	83%	100%	68%	100%	55%	100%	Compliant	97%	Yes
E-01-02	LKD	68%	100%	64%	100%	59%	100%	Compliant	100%	Yes
E-01-02	Bedroom	100%	100%	97%	100%	78%	100%	Compliant	96%	Yes
E-01-03	LKD	54%	100%	51%	100%	47%	100%	Trees affecting compliance (summer only)	98%	Yes
E-01-03	Bedroom 1	100%	100%	54%	100%	37%	100%	Trees affecting compliance (summer only)	99%	Yes
E-01-03	Bedroom 2	76%	100%	66%	100%	58%	100%	Compliant	97%	Yes
E-01-04	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-01-04	Bedroom 1	79%	100%	74%	100%	51%	100%	Compliant	93%	Yes
E-01-04	Bedroom 2	97%	100%	91%	100%	79%	100%	Compliant	99%	Yes
E-01-04	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
E-01-05	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-01-05	Bedroom 1	100%	100%	100%	100%	85%	100%	Compliant	97%	Yes
E-01-05	Bedroom 2	100%	100%	92%	100%	68%	100%	Compliant	98%	Yes
E-01-06	LKD	67%	77%	66%	77%	65%	77%	Non-compliant	65%	No
E-01-06	Bedroom	84%	100%	81%	100%	73%	100%	Compliant	82%	Yes
E-01-07	LKD	40%	99%	37%	91%	34%	76%	Non-compliant	74%	No
E-01-07	Bedroom 1	62%	100%	57%	100%	46%	100%	Trees affecting compliance (summer only)	84%	Yes
E-01-07	Bedroom 2	33%	100%	33%	100%	31%	100%	Non-compliant	80%	No

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that "Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line."

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.14 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - First Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
E-01-08	LKD	37%	81%	35%	76%	32%	69%	Non-compliant	48%	No
E-01-08	Bedroom 1	44%	100%	41%	100%	37%	100%	Non-compliant	68%	No
E-01-08	Bedroom 2	50%	100%	41%	100%	38%	100%	Trees affecting compliance	76%	No
E-01-09	LKD	24%	63%	20%	56%	12%	45%	Non-compliant	30%	No
E-01-09	Bedroom 1	22%	100%	21%	95%	19%	79%	Non-compliant	47%	No
E-01-09	Bedroom 2	35%	100%	28%	100%	20%	65%	Non-compliant	65%	No
E-01-10	LKD	47%	91%	45%	87%	40%	82%	Non-compliant	43%	No
E-01-10	Bedroom	59%	100%	56%	100%	54%	100%	Compliant	80%	No
E-01-11	LKD	42%	93%	41%	88%	40%	81%	Non-compliant	58%	No
E-01-11	Bedroom 1	54%	100%	52%	100%	51%	100%	Compliant	77%	No
E-01-11	Bedroom 2	61%	100%	59%	100%	58%	100%	Compliant	81%	Yes
E-01-12	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-01-12	Bedroom 1	83%	100%	61%	100%	35%	100%	Trees affecting compliance (summer only)	88%	Yes
E-01-12	Bedroom 2	65%	100%	45%	100%	28%	100%	Trees affecting compliance	82%	Yes
E-01-13	LKD	100%	100%	100%	100%	99%	100%	Compliant	99%	Yes
E-01-13	Bedroom 1	34%	100%	31%	100%	27%	100%	Non-compliant	60%	No
E-01-13	Bedroom 2	85%	100%	69%	100%	55%	100%	Compliant	98%	Yes
E-01-13	Bedroom 3	86%	100%	61%	100%	46%	100%	Trees affecting compliance (summer only)	70%	No
E-01-14	LKD	28%	66%	26%	63%	23%	59%	Non-compliant	29%	No
E-01-14	Bedroom 1	35%	100%	32%	100%	27%	100%	Non-compliant	48%	No
E-01-14	Bedroom 2	20%	100%	19%	100%	16%	86%	Non-compliant	42%	No
E-01-15	LKD	34%	75%	30%	74%	29%	71%	Non-compliant	30%	No
E-01-15	Bedroom	27%	100%	25%	100%	24%	100%	Non-compliant	46%	No
E-01-16	LKD	32%	74%	29%	73%	29%	71%	Non-compliant	29%	No
E-01-16	Bedroom	29%	100%	27%	100%	25%	100%	Non-compliant	47%	No
E-01-17	LKD	67%	99%	62%	97%	59%	93%	Trees affecting compliance (summer only)	80%	No
E-01-17	Bedroom 1	30%	100%	28%	100%	27%	100%	Non-compliant	49%	No
E-01-17	Bedroom 2	23%	100%	22%	100%	22%	90%	Non-compliant	40%	No
E-01-18	LKD	85%	100%	82%	100%	82%	100%	Compliant	99%	Yes
E-01-18	Bedroom 1	100%	100%	100%	100%	93%	100%	Compliant	99%	Yes
E-01-18	Bedroom 2	50%	100%	43%	100%	33%	100%	Trees affecting compliance	95%	Yes
E-01-18	Bedroom 3	79%	100%	71%	100%	57%	100%	Compliant	97%	Yes
E-01-19	LKD	95%	100%	93%	100%	86%	100%	Compliant	100%	Yes
E-01-19	Bedroom	79%	100%	68%	100%	65%	100%	Compliant	97%	Yes
E-01-20	LKD	100%	100%	97%	100%	89%	100%	Compliant	100%	Yes
E-01-20	Bedroom	75%	100%	59%	100%	49%	100%	Trees affecting compliance (summer only)	96%	Yes
E-01-21	LKD	73%	100%	60%	100%	50%	100%	Compliant	99%	Yes
E-01-21	Bedroom 1	76%	100%	62%	100%	49%	100%	Trees affecting compliance (summer only)	97%	Yes
E-01-21	Bedroom 2	58%	100%	50%	100%	43%	100%	Trees affecting compliance (summer only)	97%	Yes
E-01-22	LKD	100%	100%	98%	100%	92%	100%	Compliant	100%	Yes
E-01-22	Bedroom	57%	100%	50%	100%	46%	100%	Trees affecting compliance (summer only)	98%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.15 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Second Floor

Table No. D.1.15 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Second Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
E-02-01	LKD	89%	100%	89%	100%	88%	100%	Compliant	100%	Yes
E-02-01	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
E-02-01	Bedroom 2	100%	100%	97%	100%	95%	100%	Compliant	97%	Yes
E-02-02	LKD	71%	100%	70%	100%	69%	100%	Compliant	100%	Yes
E-02-02	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
E-02-03	LKD	57%	100%	57%	100%	55%	100%	Compliant	98%	Yes
E-02-03	Bedroom 1	100%	100%	100%	100%	98%	100%	Compliant	97%	Yes
E-02-03	Bedroom 2	91%	100%	90%	100%	84%	100%	Compliant	97%	Yes
E-02-04	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-02-04	Bedroom 1	86%	100%	84%	100%	79%	100%	Compliant	93%	Yes
E-02-04	Bedroom 2	100%	100%	100%	100%	99%	100%	Compliant	98%	Yes
E-02-04	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
E-02-05	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-02-05	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-02-05	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
E-02-06	LKD	68%	79%	68%	78%	68%	77%	Non-compliant	75%	No
E-02-06	Bedroom	97%	100%	95%	100%	94%	100%	Compliant	92%	Yes
E-02-07	LKD	45%	100%	45%	100%	44%	100%	Non-compliant	81%	Yes
E-02-07	Bedroom 1	78%	100%	73%	100%	65%	100%	Compliant	96%	Yes
E-02-07	Bedroom 2	45%	100%	43%	100%	39%	100%	Non-compliant	89%	Yes
E-02-08	LKD	42%	96%	42%	95%	41%	92%	Non-compliant	58%	No
E-02-08	Bedroom 1	57%	100%	54%	100%	51%	100%	Compliant	87%	Yes
E-02-08	Bedroom 2	64%	100%	63%	100%	56%	100%	Compliant	92%	Yes
E-02-09	LKD	33%	74%	33%	73%	31%	69%	Non-compliant	43%	No
E-02-09	Bedroom 1	33%	100%	33%	100%	32%	100%	Non-compliant	64%	No
E-02-09	Bedroom 2	49%	100%	46%	100%	44%	100%	Non-compliant	84%	Yes
E-02-10	LKD	56%	100%	55%	100%	55%	99%	Compliant	58%	No
E-02-10	Bedroom	75%	100%	70%	100%	67%	100%	Compliant	96%	Yes
E-02-11	LKD	46%	100%	46%	100%	45%	99%	Non-compliant	66%	No
E-02-11	Bedroom 1	65%	100%	65%	100%	65%	100%	Compliant	96%	Yes
E-02-11	Bedroom 2	71%	100%	71%	100%	66%	100%	Compliant	96%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.15 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Second Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
E-02-12	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-02-12	Bedroom 1	92%	100%	90%	100%	89%	100%	Compliant	95%	Yes
E-02-12	Bedroom 2	73%	100%	70%	100%	65%	100%	Compliant	90%	Yes
E-02-13	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
E-02-13	Bedroom 1	43%	100%	42%	100%	38%	100%	Non-compliant	74%	No
E-02-13	Bedroom 2	90%	100%	90%	100%	88%	100%	Compliant	96%	Yes
E-02-13	Bedroom 3	100%	100%	93%	100%	79%	100%	Compliant	82%	Yes
E-02-14	LKD	31%	70%	31%	70%	31%	69%	Non-compliant	33%	No
E-02-14	Bedroom 1	43%	100%	43%	100%	43%	100%	Non-compliant	60%	No
E-02-14	Bedroom 2	31%	100%	29%	100%	26%	100%	Non-compliant	56%	No
E-02-15	LKD	40%	80%	40%	80%	39%	80%	Non-compliant	36%	No
E-02-15	Bedroom	33%	100%	33%	100%	32%	100%	Non-compliant	62%	No
E-02-16	LKD	41%	80%	39%	80%	36%	79%	Non-compliant	37%	No
E-02-16	Bedroom	40%	100%	37%	100%	33%	100%	Non-compliant	62%	No
E-02-17	LKD	71%	100%	70%	100%	68%	100%	Compliant	81%	Yes
E-02-17	Bedroom 1	44%	100%	44%	100%	36%	100%	Non-compliant	65%	No
E-02-17	Bedroom 2	33%	100%	32%	100%	30%	100%	Non-compliant	54%	No
E-02-18	LKD	86%	100%	86%	100%	85%	100%	Compliant	99%	Yes
E-02-18	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
E-02-18	Bedroom 2	60%	100%	55%	100%	47%	100%	Trees affecting compliance (summer only)	95%	Yes
E-02-18	Bedroom 3	82%	100%	82%	100%	82%	100%	Compliant	97%	Yes
E-02-19	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-02-19	Bedroom	97%	100%	95%	100%	79%	100%	Compliant	97%	Yes
E-02-20	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-02-20	Bedroom	89%	100%	79%	100%	73%	100%	Compliant	96%	Yes
E-02-21	LKD	82%	100%	79%	100%	76%	100%	Compliant	100%	Yes
E-02-21	Bedroom 1	86%	100%	81%	100%	76%	100%	Compliant	97%	Yes
E-02-21	Bedroom 2	60%	100%	60%	100%	58%	100%	Compliant	97%	Yes
E-02-22	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-02-22	Bedroom	59%	100%	57%	100%	54%	100%	Compliant	98%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.16 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Third Floor

Table No. D.1.16 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Third Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
E-03-01	LKD	89%	100%	89%	100%	89%	100%	Compliant	100%	Yes
E-03-01	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
E-03-01	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-03-02	LKD	72%	100%	72%	100%	72%	100%	Compliant	100%	Yes
E-03-02	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
E-03-03	LKD	58%	100%	58%	100%	58%	100%	Compliant	98%	Yes
E-03-03	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-03-03	Bedroom 2	99%	100%	99%	100%	98%	100%	Compliant	97%	Yes
E-03-04	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-03-04	Bedroom 1	88%	100%	88%	100%	87%	100%	Compliant	93%	Yes
E-03-04	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
E-03-04	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
E-03-05	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-03-05	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-03-05	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
E-03-06	LKD	69%	81%	69%	81%	69%	81%	Non-compliant	77%	No
E-03-06	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	95%	Yes
E-03-07	LKD	51%	100%	51%	100%	50%	100%	Compliant	93%	Yes
E-03-07	Bedroom 1	95%	100%	92%	100%	87%	100%	Compliant	97%	Yes
E-03-07	Bedroom 2	51%	100%	50%	100%	49%	100%	Trees affecting compliance (summer only)	90%	Yes
E-03-08	LKD	50%	100%	50%	100%	50%	99%	Compliant	80%	Yes
E-03-08	Bedroom 1	71%	100%	70%	100%	68%	100%	Compliant	96%	Yes
E-03-08	Bedroom 2	80%	100%	76%	100%	74%	100%	Compliant	97%	Yes
E-03-09	LKD	44%	94%	44%	93%	44%	92%	Non-compliant	68%	No
E-03-09	Bedroom 1	52%	100%	52%	100%	51%	100%	Compliant	95%	Yes
E-03-09	Bedroom 2	59%	100%	59%	100%	58%	100%	Compliant	96%	Yes
E-03-10	LKD	63%	100%	63%	100%	63%	100%	Compliant	78%	No
E-03-10	Bedroom	87%	100%	86%	100%	83%	100%	Compliant	97%	Yes
E-03-11	LKD	51%	100%	51%	100%	51%	100%	Compliant	82%	Yes
E-03-11	Bedroom 1	78%	100%	78%	100%	78%	100%	Compliant	97%	Yes
E-03-11	Bedroom 2	83%	100%	81%	100%	80%	100%	Compliant	97%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.16 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Third Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)						Compliance with I.S. EN 17037 Criteria*	No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees			% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
E-03-12	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-03-12	Bedroom 1	94%	100%	94%	100%	94%	100%	Compliant	96%	Yes
E-03-12	Bedroom 2	82%	100%	82%	100%	80%	100%	Compliant	97%	Yes
E-03-13	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
E-03-13	Bedroom 1	55%	100%	53%	100%	48%	100%	Trees affecting compliance (summer only)	93%	Yes
E-03-13	Bedroom 2	97%	100%	97%	100%	96%	100%	Compliant	96%	Yes
E-03-13	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
E-03-14	LKD	40%	80%	40%	80%	39%	78%	Non-compliant	46%	No
E-03-14	Bedroom 1	57%	100%	54%	100%	54%	100%	Compliant	86%	Yes
E-03-14	Bedroom 2	40%	100%	39%	100%	38%	100%	Non-compliant	82%	Yes
E-03-15	LKD	53%	90%	53%	90%	51%	90%	Non-compliant	54%	No
E-03-15	Bedroom	48%	100%	48%	100%	43%	100%	Non-compliant	90%	Yes
E-03-16	LKD	53%	89%	53%	89%	52%	88%	Non-compliant	54%	No
E-03-16	Bedroom	51%	100%	51%	100%	46%	100%	Trees affecting compliance (summer only)	90%	Yes
E-03-17	LKD	77%	100%	77%	100%	76%	100%	Compliant	83%	Yes
E-03-17	Bedroom 1	56%	100%	55%	100%	48%	100%	Trees affecting compliance (summer only)	93%	Yes
E-03-17	Bedroom 2	45%	100%	43%	100%	43%	100%	Non-compliant	79%	No
E-03-18	LKD	87%	100%	87%	100%	87%	100%	Compliant	100%	Yes
E-03-18	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
E-03-18	Bedroom 2	60%	100%	60%	100%	57%	100%	Compliant	95%	Yes
E-03-18	Bedroom 3	86%	100%	86%	100%	86%	100%	Compliant	97%	Yes
E-03-19	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-03-19	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-03-20	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-03-20	Bedroom	95%	100%	90%	100%	87%	100%	Compliant	96%	Yes
E-03-21	LKD	96%	100%	96%	100%	95%	100%	Compliant	100%	Yes
E-03-21	Bedroom 1	97%	100%	92%	100%	87%	100%	Compliant	97%	Yes
E-03-21	Bedroom 2	68%	100%	65%	100%	60%	100%	Compliant	97%	Yes
E-03-22	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-03-22	Bedroom	60%	100%	60%	100%	60%	100%	Compliant	98%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.17 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Fourth Floor

Table No. D.1.17 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Fourth Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
E-04-01	LKD	89%	100%	89%	100%	89%	100%	Compliant	100%	Yes
E-04-01	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
E-04-01	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-04-02	LKD	72%	100%	72%	100%	72%	100%	Compliant	100%	Yes
E-04-02	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
E-04-03	LKD	58%	100%	58%	100%	58%	100%	Compliant	98%	Yes
E-04-03	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-04-03	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-04-04	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-04-04	Bedroom 1	91%	100%	91%	100%	91%	100%	Compliant	93%	Yes
E-04-04	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
E-04-04	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
E-04-05	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-04-05	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-04-05	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
E-04-06	LKD	70%	87%	70%	87%	70%	87%	Non-compliant	88%	Yes
E-04-06	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	95%	Yes
E-04-07	LKD	55%	100%	55%	100%	55%	100%	Compliant	98%	Yes
E-04-07	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-04-07	Bedroom 2	69%	100%	69%	100%	65%	100%	Compliant	93%	Yes
E-04-08	LKD	57%	100%	57%	100%	56%	100%	Compliant	98%	Yes
E-04-08	Bedroom 1	97%	100%	97%	100%	97%	100%	Compliant	96%	Yes
E-04-08	Bedroom 2	95%	100%	94%	100%	94%	100%	Compliant	97%	Yes
E-04-09	LKD	52%	100%	52%	100%	52%	100%	Compliant	98%	Yes
E-04-09	Bedroom 1	78%	100%	78%	100%	76%	100%	Compliant	96%	Yes
E-04-09	Bedroom 2	75%	100%	74%	100%	73%	100%	Compliant	96%	Yes
E-04-10	LKD	70%	100%	70%	100%	69%	100%	Compliant	100%	Yes
E-04-10	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-04-11	LKD	57%	100%	57%	100%	56%	100%	Compliant	98%	Yes
E-04-11	Bedroom 1	97%	100%	97%	100%	95%	100%	Compliant	97%	Yes
E-04-11	Bedroom 2	96%	100%	96%	100%	96%	100%	Compliant	97%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.17 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Fourth Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
E-04-12	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-04-12	Bedroom 1	99%	100%	99%	100%	99%	100%	Compliant	96%	Yes
E-04-12	Bedroom 2	92%	100%	92%	100%	88%	100%	Compliant	97%	Yes
E-04-13	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
E-04-13	Bedroom 1	70%	100%	68%	100%	66%	100%	Compliant	93%	Yes
E-04-13	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	98%	Yes
E-04-13	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
E-04-14	LKD	48%	98%	48%	97%	47%	97%	Non-compliant	76%	No
E-04-14	Bedroom 1	71%	100%	68%	100%	65%	100%	Compliant	97%	Yes
E-04-14	Bedroom 2	53%	100%	53%	100%	49%	100%	Trees affecting compliance (summer only)	97%	Yes
E-04-15	LKD	60%	100%	60%	100%	60%	100%	Compliant	82%	Yes
E-04-15	Bedroom	60%	100%	60%	100%	59%	100%	Compliant	97%	Yes
E-04-16	LKD	60%	100%	60%	100%	60%	100%	Compliant	82%	Yes
E-04-16	Bedroom	63%	100%	62%	100%	60%	100%	Compliant	97%	Yes
E-04-17	LKD	83%	100%	83%	100%	82%	100%	Compliant	91%	Yes
E-04-17	Bedroom 1	69%	100%	67%	100%	67%	100%	Compliant	96%	Yes
E-04-17	Bedroom 2	55%	100%	55%	100%	55%	100%	Compliant	97%	Yes
E-04-18	LKD	88%	100%	88%	100%	88%	100%	Compliant	100%	Yes
E-04-18	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
E-04-18	Bedroom 2	55%	100%	53%	100%	52%	100%	Compliant	95%	Yes
E-04-18	Bedroom 3	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-04-19	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-04-19	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-04-20	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-04-20	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
E-04-21	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-04-21	Bedroom 1	100%	100%	100%	100%	98%	100%	Compliant	97%	Yes
E-04-21	Bedroom 2	71%	100%	71%	100%	70%	100%	Compliant	97%	Yes
E-04-22	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-04-22	Bedroom	61%	100%	61%	100%	60%	100%	Compliant	98%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

D.1.18 Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Fifth Floor

Table No. D.1.18 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Fifth Floor

Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
E-05-01	LKD	93%	100%	93%	100%	93%	100%	Compliant	100%	Yes
E-05-01	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
E-05-01	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-05-02	LKD	77%	100%	77%	100%	77%	100%	Compliant	100%	Yes
E-05-02	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-05-03	LKD	64%	100%	64%	100%	63%	100%	Compliant	98%	Yes
E-05-03	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-05-03	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-05-04	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-05-04	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	95%	Yes
E-05-04	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-05-05	LKD	100%	100%	100%	100%	100%	100%	Compliant	99%	Yes
E-05-05	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-05-06	LKD	76%	100%	76%	100%	76%	100%	Compliant	97%	Yes
E-05-06	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	95%	Yes
E-05-07	LKD	68%	100%	68%	100%	68%	100%	Compliant	98%	Yes
E-05-07	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-05-07	Bedroom 2	95%	100%	95%	100%	94%	100%	Compliant	96%	Yes
E-05-08	LKD	69%	100%	69%	100%	69%	100%	Compliant	98%	Yes
E-05-08	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
E-05-08	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-05-09	LKD	65%	100%	65%	100%	65%	100%	Compliant	98%	Yes
E-05-09	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	96%	Yes
E-05-09	Bedroom 2	99%	100%	99%	100%	96%	100%	Compliant	97%	Yes
E-05-10	LKD	79%	100%	79%	100%	79%	100%	Compliant	100%	Yes
E-05-10	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-05-11	LKD	66%	100%	66%	100%	66%	100%	Compliant	98%	Yes
E-05-11	Bedroom 1	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-05-11	Bedroom 2	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.

Table No. D.1.18 - Supplementary SDA (I.S. EN 17037 criteria) and NSL Results: Block E - Fifth Floor										
Unit Number	Room Description	SDA (I.S. EN 17037 criteria)							No Sky Line (NSL)	
		No Trees		Winter Trees		Summer Trees		Compliance with I.S. EN 17037 Criteria*	% of room where the sky is visible	Above 80%**
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*			
E-05-12	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-05-12	Bedroom	100%	100%	100%	100%	100%	100%	Compliant	97%	Yes
E-05-13	LKD	95%	100%	95%	100%	95%	100%	Compliant	100%	Yes
E-05-13	Bedroom 1	97%	100%	97%	100%	97%	100%	Compliant	95%	Yes
E-05-13	Bedroom 2	94%	100%	94%	100%	91%	100%	Compliant	97%	Yes
E-05-14	LKD	58%	100%	58%	100%	58%	100%	Compliant	98%	Yes
E-05-14	Bedroom 1	92%	100%	89%	100%	86%	100%	Compliant	97%	Yes
E-05-14	Bedroom 2	65%	100%	64%	100%	64%	100%	Compliant	97%	Yes
E-05-15	LKD	73%	100%	73%	100%	73%	100%	Compliant	100%	Yes
E-05-15	Bedroom	79%	100%	79%	100%	78%	100%	Compliant	97%	Yes
E-05-16	LKD	71%	100%	71%	100%	71%	100%	Compliant	100%	Yes
E-05-16	Bedroom	86%	100%	84%	100%	79%	100%	Compliant	97%	Yes
E-05-17	LKD	88%	100%	88%	100%	88%	100%	Compliant	100%	Yes
E-05-17	Bedroom 1	86%	100%	86%	100%	84%	100%	Compliant	96%	Yes
E-05-17	Bedroom 2	68%	100%	68%	100%	68%	100%	Compliant	97%	Yes
E-05-18	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-05-18	Bedroom	98%	100%	98%	100%	98%	100%	Compliant	96%	Yes
E-05-19	LKD	100%	100%	100%	100%	100%	100%	Compliant	100%	Yes
E-05-19	Bedroom	58%	100%	58%	100%	58%	100%	Compliant	98%	Yes

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.5.1 on page 20.

** Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section C.1 on page 68.