

Daylight and Sunlight Analysis

Proposed Development at St Mochta's, Porterstown.

Prepared by Model Works Ltd

Date 5th June 2025

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Executive Summary

Model Works was commissioned to carry out a Daylight, Sunlight, and Overshadowing assessment on the proposed development at lands in the Townland of Porterstown.

The report assesses the performance of the multi-unit dwellings, specifically the apartments and duplex units, with respect to daylight and sunlight provision, and the sunlight to the shared amenity areas within the development. The assessment was carried out in accordance with the BRE Site Layout Planning for Daylight and Sunlight: A guide to good practice, 3rd edition 2022, which incorporate the target values as set out in BS EN 17037 National Annex. The impact on the receiving environment is assessed separately in the Environment Impact and Assessment Report, Chapter 11, which accompanies the planning application.

Proposed Development

Daylight

The scheme performed very well for daylight provision with 95% of the rooms achieving BRE compliance when assessed without trees and 92% when assessed with trees. The weakest performing block, block F, still achieved a compliance of 87% when assessed without trees and 82% when assessed with trees.

Sunlight

As with the results discussed above for daylight provision, the scheme also performs well for sunlight exposure, with 84% of the units achieving BRE compliance when assessed without trees and 83% when assessed with trees.

Amenity Areas

There are three communal open spaces (COS) adjacent to the assessed units, with a total area of circa 1,887sqm and 71% of the combined total area achieves compliance for sunlight on the ground. When assessed individually, two of the spaces are compliant and one, between blocks E and F, fails to reach the BRE threshold.

In addition to the communal open spaces there are three environmental spaces and a large public open space, with a combined area of circa 11,855sqm and 97% of the area achieves compliance.

In summary the scheme achieves a high compliance level with the BRE guidelines and future residents will also benefit from the large well-lit open spaces included in the proposal.

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1.0 Introduction

Castlethorn Developments Luttrellstown Limited intends to apply for Permission for a development at a site (c. 4.38ha) at lands in the Townland of Porterstown.

The proposed development comprises 302no. residential units in a mix of houses, duplex and apartment units consisting of 62no. 2 storey, 3-bedroom houses and 35no. 3 storey, 40-bedroom houses; 205no. Duplex / Apartment Units (98no. 1-bed, 88no. 2-bed and 19no. 3-bed) across 4no. blocks comprising: Block D ranging in height from 5-7 storeys accommodating 57no. apartment units; Block E ranging in height from 5-7 storeys accommodating 77no. apartment units; Block F ranging in height from 4-5 storeys accommodating 39no. apartment and duplex units; Duplex Blocks G1, G2, G3 & G4 3 storeys in height accommodating 32no. apartment units; and all associated and ancillary site development and infrastructural works, hard and soft landscaping and boundary treatment works, including public open space; public lighting; surface car parking spaces; bicycle parking spaces/stores for mid-terrace units; bin stores. Vehicular access to the proposed development is provided by the road network permitted under Reg. Ref. ABP-312318-21, as amended by Reg. Ref. LRD0034-S3.

Model Works was commissioned to carry out a Daylight, Sunlight, and Overshadowing assessment on the proposed scheme. This report assesses the performance of the proposed scheme, the impact on the receiving environment is assessed separately in the Environment Impact and Assessment Report, Chapter 11, which accompanied the planning application. The report has been compiled by Barry Murphy, Managing Director of Model Works, he holds a B Eng (hons) in Mechanical Engineering, is a member of Institute of Engineers Ireland and has 20 years' experience in the industry.

Specialist 3D software (Waldram Tools for Revit, Version 7) was used to analyse the proposal based on the 3D models, survey information and design details provided to Model Works by the project architects and other qualified professionals on the design team.



Figure 1 Site Plan

2.0 Standards and Guides Used in the Assessment

The following standards and guides will be used and referenced throughout the report.

- Building Research Establishment - BRE Site Layout Planning for Daylight and Sunlight: A guide to good practice, 3rd edition 2022 (**BRE Guide**)
- British Standard BS EN 17037:2018 – Daylight in Buildings. (**BS EN 17037**)
- Irish Standard EN 17037:2018 – Daylight in Buildings. (**EN 17037**)
- Sustainable Urban Housing: Design Standards for New Apartments (2023). These are guidelines issued under section 28 of the Planning and Development Act 2000. (**Sustainable Urban Housing**)
- Sustainable Residential Development and Compact Settlements Guidelines for Planning Authorities (2024) (**Sustainable Residential Development**)
- Urban Development and Building Heights: Guidelines for Planning Authorities (2018). These are guidelines issued under section 28 of the 2000 Planning and Development Act 2000. (**Urban Development and Building Heights**)
- Fingal Development Plan 2023-2029, (**Fingal Development Plan**)

2.1. BRE Guide 2022

The BRE (Building Research Establishment) Guide to Daylight and Sunlight was first published in 1991 and has become the primary reference document for local authorities in Ireland and the UK for the assessment of Daylight and Sunlight. The 2022 edition is the third and most recent edition of the guide.

The BRE Guide's summary states:

“This guide gives advice on site layout planning to achieve good sunlighting and daylighting, both within buildings and in the open spaces between them. It is intended to be used in conjunction with the interior daylight recommendations for new buildings in the British Standard Daylight in buildings, BS EN 17037. It contains guidance on site layout to provide good natural lighting within a new development; safeguarding of daylight and sunlight within existing buildings nearby; and the protection of daylighting of adjoining land for future development.”¹

It also notes that it should be interpreted with a degree of flexibility, depending on the specifics of the development being assessed.

“The guide is intended for building designers and their clients, consultants, and planning officials. The advice given here is not mandatory and the guide should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design. In special circumstances the developer or planning authority may wish to use different target values.”²

The introduction also states that:

“The guidance here is intended for use in the United Kingdom and in the Republic of Ireland, though recommendations in the Irish Standard IS EN 17037 may vary from those in BS EN 17037.”³

The BRE Guide will be the primary reference document used in this report.

¹ BRE Guide: Summary

³ BRE Guide: 1.7

² BRE Guide: 1.6

2.2. BS EN 17037:2018+A1:2021 – Daylight in Buildings.

In 2018, a new European wide standard for daylight was introduced, being EN 17037. In the UK, this standard was published as BS EN 17037 and importantly, it contains a national annex. The national annex in BS EN 17037 (2018) attempts to align the guidance and expectations of the new European standard with the now superseded BS 8206-2. It gave daylight illuminance recommendations of 100 lux in bedrooms, 150 lux in living rooms and 200 lux in kitchens, which were to be exceeded over at least 50% of the assessment points in the room for at least half of the daylight hours.

The standard explains its reasoning behind the annex with:

“The UK committee supports the recommendations for daylight in buildings given in BS EN 17037:2018; however, it is the opinion of the UK committee that the recommendations for daylight provision in a space (see Clause A.2) may not be achievable for some buildings, particularly dwellings. The UK committee believes this could be the case for dwellings with basement rooms or those with significant external obstructions (for example, dwellings situated in a dense urban area or with tall trees outside), or for existing buildings being refurbished or converted into dwellings. This National Annex therefore provides the UK committee’s guidance on minimum daylight provision in all UK dwellings.”⁴

2.3. EN 17037:2018+A1:2021 – Daylight in Buildings.

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 and importantly it was not amended to include an equivalent to the BS National Annex. The Irish standard sets a target daylight illuminance of 300 lux which should be achieved across at least half of the reference plane in a daylight space for at least half of the daylight hours and an illuminance of 100 lux which should also be achieved across 95% of the reference plane for at least half of the daylight hours. These targets apply to all room types, regardless of use; kitchen, living, bedroom, office, commercial are all assessed to the same standard.

2.4. Sustainable Urban Housing: Design Standards for New Apartments July 2023

This document was prepared by the Department of Housing, Local Government and Heritage, and provides guidance to planners in relation to the built environment including Daylight and Sunlight.

“Planning authorities should avail of appropriate expert advice where necessary and have regard 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, when undertaken by development proposers which offer the capability to satisfy minimum standards of daylight provision.”⁵

And

“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 specifics. This may arise due to design constraints 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.”

⁴ BS EN 17037: NA1

⁵ Sustainable Urban Housing: 6.6 & 6.7

2.5. Sustainable Residential Development and Compact Settlements Guidelines for Planning Authorities (2024)

These guidelines set national planning policy and guidance in relation to the planning and development of urban and rural settlements, with a focus on sustainable residential development and the creation of compact settlements.

In relation to daylight provision, it states:

“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.”⁶

and

“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.”

2.6. Urban Development and Building Heights: Guidelines for Planning Authorities (2018 version)

This document is intended to set out national planning policy guidelines on building heights in relation to urban areas.

“Appropriate and reasonable regard should be taken of quantitative performance approaches to daylight provision outlined in guides like the Building Research Establishment’s ‘Site Layout Planning for Daylight and Sunlight’ (2nd edition) or BS 8206-2: 2008 – ‘Lighting for Buildings – Part 2: Code of Practice for Daylighting’.”⁷ (Note, this version of the BRE guideline has been superseded by the 2022 edition)

2.7. Fingal Development Plan 2023-2029

The Fingal Development Plan tells the story of where and how Fingal to grow over the duration of the plan. It draws on its historical heritage and uses its skills and expertise to continue sustainable social, environmental, and economic growth well into the future, with a focus on creating vibrant and resilient communities.

In relation to Daylight and Sunlight, it states:

“All applications for residential development must ensure that the layout and design of individual units and accompanying public realms are designed in a manner which maximises daylight and sunlight. A Daylight and Sunlight Assessment may be necessary to assess the impacts of the proposed development on surrounding properties and amenity areas outside the site boundaries of an application and in order to assess the likely daylight and sunlight reaching proposed units and associated private, communal and public open spaces.”⁸

It also states that:

⁶ Sustainable Residential Development 5.3.7

⁸ Fingal Development Plan, 14.6.6.1

⁷ Urban Development and Building Heights 3.2

“Development shall be guided by the principles of Site Layout Planning for Daylight and Sunlight, A Guide to Good Practice – (Building Research Establishment Report) 2011 and/or any updated guidance.”⁹

As the 2011 guide has now been withdrawn, the current 2022 guide will be used for this report.

2.8. Summary of Standards and Guides

IS EN 17037 and BS EN 17037 provides different criteria for the assessment of daylight provision, however both Sustainable Urban Housing: Design Standards for New Apartments (2022), and Sustainable Residential Development and Compact Settlements Guidelines for Planning Authorities (2024), explicitly state that planning authorities should have regard to the UK National Annex in BS EN 17037. Therefore, having reviewed all the applicable standards and guidelines it is Model Works’ professional opinion that the assessment for daylight, sunlight and overshadowing be carried out in accordance with the BRE Guidelines (2022) which incorporate the target values as set out in BS EN 17037 National Annex.

⁹ Fingal Development Plan, 14.6.6.1

3.0 Lighting in Buildings

Understanding Direct and Diffuse Daylight

Daylight is generally taken to be the totality of visible radiation originating from the sky, and when visible, the sun, during the hours of daytime. The source of all daylight is in fact the sun. Scattering of sunlight in the atmosphere by air, water vapour, dust, and so on gives the sky the appearance of a self-luminous hemispherical source of light. Sunlight is commonly referred to as direct light since it appears to originate from a small source and can be highly luminous, casting sharp shadows. The sky, however, is an extended source of illumination that casts only soft shadows, and so skylight is commonly referred to as diffuse light.

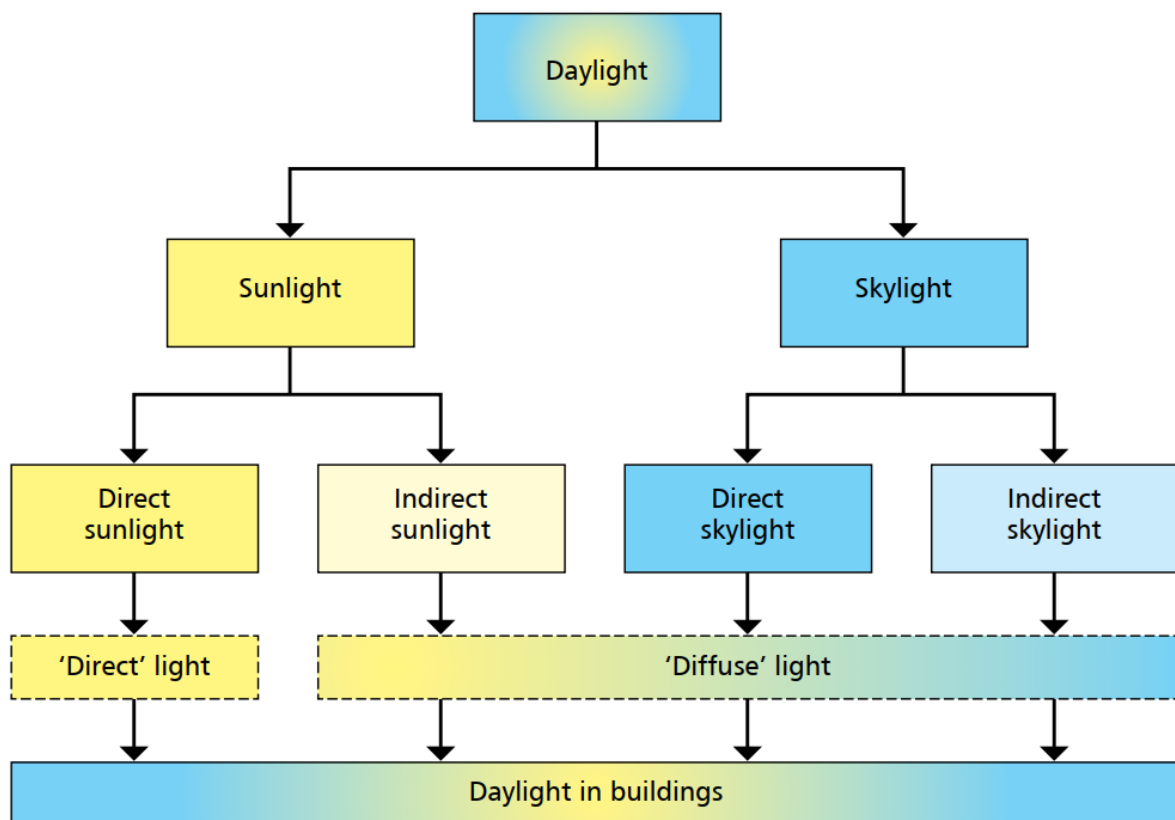


Figure 2 Contributions to Daylight in Buildings

4.0 Glossary

Term	Definition
Lumen	The lumen (symbol: lm) is the unit for luminous flux. It measures the total amount of light emitted by a light source in all directions. For reference, a standard 100-watt incandescent light bulb produces about 1,500-1,700 lumens.
Lux	The lux (symbol: lx), Latin for light, is a unit of illumination: 1 lux is the illuminance produced by 1 candela on a surface perpendicular to the light rays at a distance of 1 meter from the source.
Candela	Brightness is indicated by the candela (symbol: cd). The light intensity indicates how much light is in each piece of a light beam.
Luminance	The amount of light emitted, passing through or reflected from a surface.
Illuminance	A measure of the amount of light falling on a surface, usually measured in lux.
Target illuminance (ET)	Illuminance from daylight that should be achieved for at least half of annual daylight hours across a specified fraction of the reference plane in a daylit space.
Minimum target illuminance (E _{TM})	Illuminance from daylight that should be achieved for at least half of annual daylight hours across 95% of the reference plane in spaces with vertical and/or inclined daylight apertures
Daylight, natural light	Combined skylight and sunlight.
Climate Based Daylight Modelling (CBDMD)	Climate-based daylight modelling (CBDMD) is the predicted luminous levels within a space using sun and sky conditions that are derived from standard meteorological datasets. CBDMD delivers predictions of absolute quantities (e.g. illuminance) that are dependent both on the building location (i.e. geographically-specific climate data is used) and the building orientation (i.e. the illumination effect of the sun and non-overcast sky conditions are included), in addition to the building's composition and configuration.
Spatial Daylight Autonomy (sDA)	Spatial Daylight Autonomy (sDA) uses CBDMD to assesses whether a space receives sufficient daylight on a work plane during standard operating hours on an annual basis. The target is a percentage of floor area that exceeds a specified illuminance level (e.g. 200 lux) for a specified amount of annual hours (e.g. 50% of daylight hours).
CIE standard overcast sky	A completely overcast sky, such that light received by north facing windows is similar to that received by south facing windows. A Commission Internationale d'Eclairage (CIE) standard overcast sky is darkest at the horizon and brightest at the zenith (vertically overhead).
Annual Probable Sunlight Hours (APSH)	The probable sunlight hours' means the total number of hours in the year that the sun is expected to shine on unobstructed ground, allowing for average levels of cloudiness for the location in question (based on sunshine probability data).
Winter Probable Sunlight Hours (WPSH)	Winter probable sunlight hours' means the total number of hours between 21 September and 21 March that the sun is expected to shine on unobstructed ground, allowing for average levels of cloudiness for the location in question.
Vertical Sky Component (VSC)	The amount of skylight falling on a vertical wall or window can be quantified as the vertical sky component (VSC). The VSC for existing buildings is the illuminance on the outside of a window, divided by the illuminance falling on an unobstructed horizontal plane, under overcast sky conditions. The standard overcast sky is used, and the ratio is usually expressed as a percentage. The maximum value is almost 40% for a completely unobstructed vertical wall.
No Sky Line	The outline on the working plane of the area from which no sky can be seen.

5.0 Daylight and Sunlight Assessment of the Proposed Development

There are three assessments that must be made to determine daylight and sunlight that the dwellings and amenity space of a new development will enjoy:

1. Daylight provision in new development
2. Sunlight provision in new development
3. Sunlight Provision to amenity spaces in new development

5.1. Daylight Provision in New Development

“Daylight can contribute significantly to the lighting needs of any type of building. This means that daylight openings should have appropriate areas to provide sufficient daylight throughout the year.”¹⁰

5.1.1. Assessment Method

This report will use the Illuminance Method to assess daylight provision. This method uses Climate Based Daylight Modelling (CBDM) with specific climatic data for the location of the site to calculate the illuminance from daylight across a grid on the reference plane at hourly, or sub-hourly, intervals for a typical year. The Perez all-weather sky model for Dublin (IRL_Dublin.039690_IWEC.epw) was used for daylight calculations, Dublin being the location closest to the site for which there was a data set available.

Specialist 3D software is used to carry out a Spatial Daylight Autonomy (sDA) assessment which uses CBDM to assess whether a space receives sufficient daylight on a work plane during standard operating hours on an annual basis. The target is a percentage of the reference plane area that exceeds a specified illuminance level (e.g. 200 lux) for a specified number of annual hours, normally 50% of daylight hours.

“Internal and exterior surfaces and obstructions need to be modelled including appropriate surface reflectances. Fixtures and fittings need not be included. If trees would impact the daylight to the new development, they should be taken into account.”¹¹

The surface reflectance and glazing transmissibility values used in the calculations are shown in the table below.

Table 1 Reflectance & Transmittance Values

Surface Type	Reflectance
Interior walls	0.7
Ceilings	0.8
Floors	0.3
Exterior walls and obstructions	0.2
Exterior ground	0.2
Glazing	
Transmittance	0.68
Maintenance Factor	0.96

Trees

Trees can have an impact on the daylight received by new developments and must be considered when making the assessment. The BRE Guides states:

¹⁰ EN 17037 : 5.1.1

¹¹ BRE Guide : C22

“The calculation model should account for the obstruction to daylight caused by the trees. This needs to be done by modelling a representative shape of the trees.”¹² and “The assessment should account for the transparency and reflectance of the trees, which can vary across the seasons.”¹³

The BRE Guide includes transparency and reflectance values, both summer and winter states, for typical tree species found in Ireland and the UK. These values are included in the software’s calculation methods, with summer and winter states each assigned to six months of the year.

5.1.2. Assessment Criteria

The assessment will be carried out in line with the guidance in BRE 209 and BS EN17037 National Annex: *“The UK National Annex gives illuminance recommendations of 100 lux in bedrooms, 150 lux in living rooms and 200 lux in kitchens. These are the median illuminances, to be exceeded over at least 50% of the assessment points in the room for at least half of the daylight hours. The recommended levels over 95% of a reference plane need not apply to dwellings in the UK.”¹⁴*

Table 2 Daylight Provision Target Illuminance (BRE/BS EN 17037)

Room Type	Target Illuminance E_T (lx)
Bedroom	100
Living Room	150
Kitchen (or LKD)	200

The reference plane is at a height of 0.85m above the floor and offset from the perimeter of the room by 300mm.¹⁵ This plane is then divided into grid points, at 250mm spacings, at which the lux levels are calculated, the median level is then used for assessment.

- In a room with a corridor, or annex entrance, this space need not be included in the assessment.
- Floor to ceiling cupboards can be excluded from the assessment area, but not kitchen units incorporating worktops.



Figure 3 Assessment area examples for various room shapes.

5.1.3. Summary of Results

Daylight Provision summary of results based on BRE Guidelines/BS EN 17037: rooms meeting minimum target of 100 lux for bedrooms, 150 lux for living rooms and 200 lux for kitchens or LKD over 50% of the reference plane for at least half of the daylight hours.

¹² BRE Guide: G2.3

¹⁴ BRE Guide: C16

¹³ BRE Guide: G2.4

¹⁵ BRE Guide: C28

The scheme performed very well for daylight provision with 95% of the rooms achieving BRE compliance when assessed without trees and 92% when assessed with trees. The weakest performing block, block F, still achieved a compliance of 87% when assessed without trees and 82% when assessed with trees.

In addition to the high compliance achieved by the units for daylight provision, where rooms have fallen below the threshold, the architects have included a schedule of compensatory measures which details where the units exceed the minimum standards and/or offer other benefits, these include:

- Unit floor area in excess of min standard
- Outdoor space in excess of min standard
- Direct access to communal open space
- Overlooks communal open space
- Overlooks public open space
- Own door access to unit
- Floor to floor over 3.15m
- Dual aspect room
- Dual aspect unit
- Overlooks high value public amenity
- Unit contains universal design features

Refer to Table 11 in Appendix C for unit-by-unit details of compensatory measures.

Table 3 Daylight Provision Results Summary (BRE/BS EN 17037)

Building	No. of Units	No. of Rooms	Meets BRE Criteria - with Trees	Meets BRE Criteria - without Trees
All Dwellings	205	543	92%	95%
Individual Buildings				
Block D	57	149	99%	100%
Block E	77	191	90%	94%
Block F	39	107	82%	87%
Duplex Blocks	32	96	98%	98%

Refer to **Appendix C** for a full schedule of results.

5.2. Sunlight Exposure in the Proposed Development

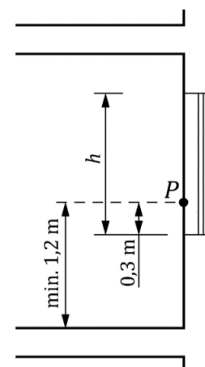
The BRE Guide states:

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

- *at least one main window wall faces within 90° of due south and*
- *a habitable room, preferably a main living room, can receive a total of at least 1.5 hours of sunlight on 21 March. This is assessed at the inside centre of the window(s); sunlight received by different windows can be added provided they occur at different times and sunlight hours are not double counted.”¹⁶*

5.2.1. Assessment Method

The assessment for **Sunlight Exposure** (SE) should be conducted for each opening of a space for a reference point P located on the inner surface of the aperture. Reference point P is located at the centre of the opening width and a minimum of 1.2m above the floor and 0.3m above the sill of the daylight opening. Where there is multiple opening of a space, it is possible to cumulate the time of sunlight availability if not occurring at the same time.



Trees

To assess the sunlight provision for new buildings BS EN 17037 recommends the calculation of sunlight hours be carried out on 21st March. At this time of the year deciduous trees will not be in full leaf and some sunlight would be expected to penetrate. However, it would be impossible to calculate this accurately. The BRE Guide recommends:

“It is therefore recommended that where trees may affect sunlight provision, the calculations should first be carried out with deciduous trees as opaque objects The calculations could then be repeated without deciduous trees entirely. This gives the range of potential sunlight hours. Buildings and other solid objects should always be included. Evergreen trees where no light can penetrate all year round should also always be included as solid.”¹⁷

and

“If the minimum recommendation is met with opaque trees then sunlight would be adequate. If the minimum recommendation is not reached with either opaque trees or no trees then sunlight would be considered inadequate. For a room where the recommendation is exceeded without trees, but not with opaque trees, sunlight provision may be adequate, but the trees will have some effect on the sunlight received.”¹⁸

5.2.2. Assessment Criteria

The BRE Guide recommends that a space should receive possible sunlight for a duration of a minimum of 1.5 hours on a selected date between February 1st and March 21st. The normal date used for the assessment is March 21st.

Table 4 Sunlight Exposure Recommendations Values

Level of Recommendation for Exposure to Sunlight	Sunlight Exposure
Minium	1.5 hrs
Medium	3.0 hrs
High	4.0 hrs

¹⁶ BRE Guide: 3.1.15

¹⁸ BRE Guide: G3.4

¹⁷ BRE Guide: G3.2

5.2.3. Summary of Results

As with the results discussed above for daylight provision, the scheme also performs well for sunlight exposure, with 84% of the units achieving BRE compliance when assessed without trees and 83% when assessed with trees. The blocks are orientated at varying angles and thus it is inevitable that some units have predominantly north facing windows and therefore fail to meet the BRE threshold. However, the designers have included dual aspect units where practicable thereby increasing the number of units where at least one room will achieve the threshold requirement of 1.5 hours on 21st March.

In addition to the high compliance achieved by the units for sunlight provision, where units have fallen below the threshold, the architects have included a schedule of compensatory measures which details where the units exceed the minimum standards and/or offer other benefits, these include:

- Unit floor area in excess of min standard
- Outdoor space in excess of min standard
- Direct access to communal open space
- Overlooks communal open space
- Overlooks public open space
- Own door access to unit
- Floor to floor over 3.15m
- Dual aspect room
- Dual aspect unit
- Overlooks high value public amenity
- Unit contains universal design features

Refer to Table 16 in Appendix D for unit-by-unit details of compensatory measures.

Table 5 Sunlight Exposure Results Summary

Building	No. of Units	No. of Rooms	Meets BRE Criteria - without Trees	Meets BRE Criteria - with Trees
All Dwellings	205	543	83%	84%
Individual Buildings				
Block D	57	149	84%	84%
Block E	77	191	82%	82%
Block F	39	107	79%	82%
Duplex Blocks	32	96	91%	91%

Refer to **Appendix D** for a full schedule of results.

5.3. Sunlight Provision to Amenity Spaces in the Proposed Development

5.3.1. Assessment Method

BRE Guidelines recommend that for an external garden or amenity area to appear adequately sunlit throughout the year, at least half of the space should receive at least 2 hours of sunlight on 21st March, the equinox.

Trees

In general, trees do not need to be considered when assessing potential loss of light to gardens and amenity spaces.

*“In assessing the impact of buildings on sunlight in gardens ..., **trees and shrubs are not normally included in the calculation** unless a dense belt or group of evergreens is specifically planned as a windbreak or for privacy purposes. 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).”¹⁹ [Emphasis added.]*

5.3.2. Summary of Results

There are three communal open spaces (COS) adjacent to the assessed units, with a total area of circa 1,887sqm and 71% of the combined total area achieves compliance for sunlight on the ground. When assessed individually, two of the spaces are compliant and one, between blocks E and F, fails to reach the BRE threshold.

In addition to the communal open spaces there are three environmental spaces and a large public open space, with a combined area of circa 11,855sqm and 97% of the area achieves compliance. These areas will provide very well-lit and pleasant amenities for future residents.

Table 6 Sunlight Provision to Amenity Spaces Results Summary

Amenity Area	Area m ²	Area Receiving 2 Hrs of Sunlight - Proposed %	Meets BRE Criteria
Combined Areas	13,743	94%	Yes
Individual Areas			
Block D COS	278	100%	Yes
Block EF COS	693	37%	No
Duplexes COS	916	87%	Yes
Environmental Space 01	2,858	98%	No
Environmental Space 02	476	48%	Yes
Environmental Space 03	287	100%	No
Public Open Space	8,235	100%	Yes

¹⁹ BRE Guide 2022 : G4.1

Appendix A – Site Plan

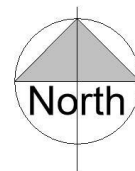
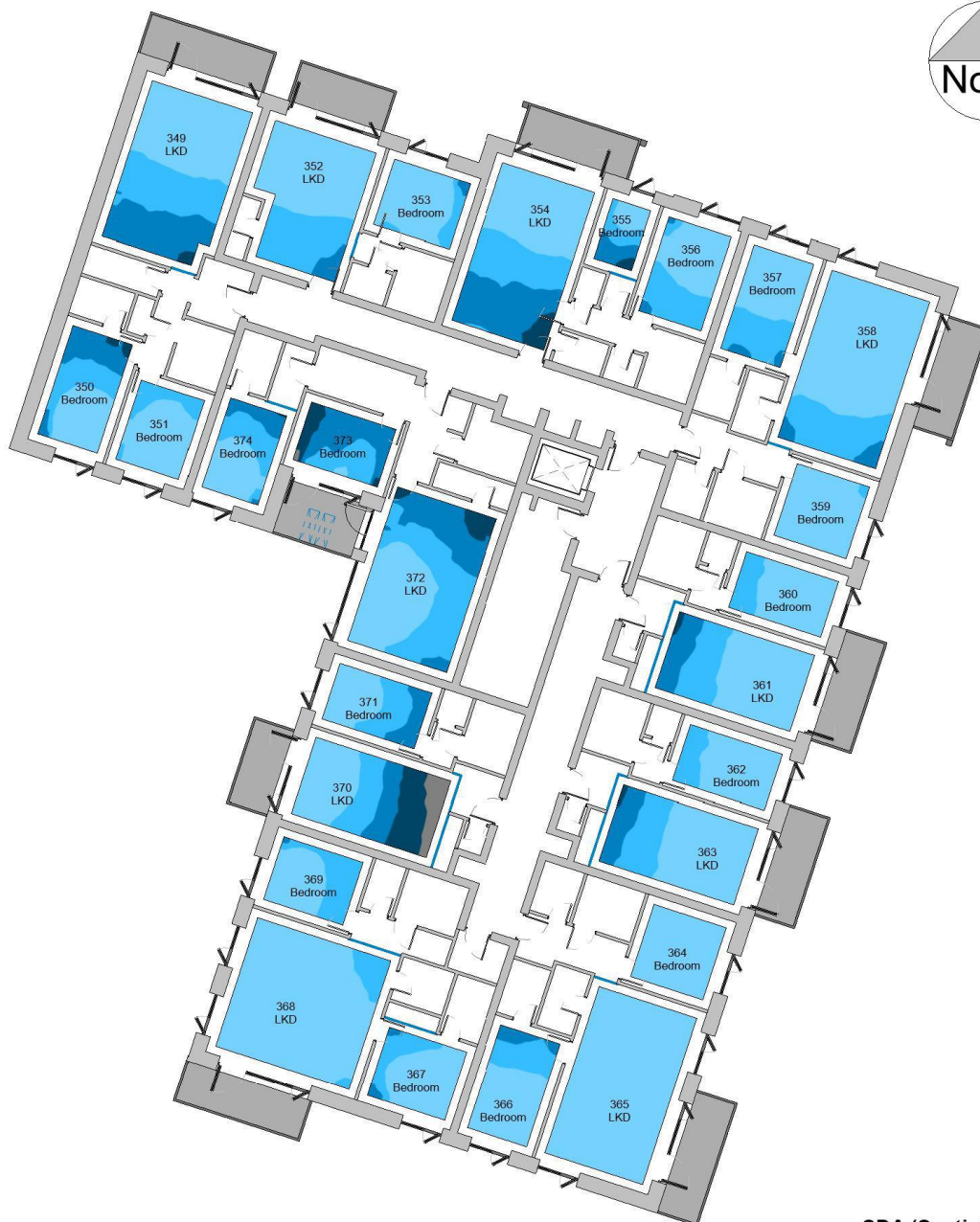


Figure 4 Site Plan

Appendix B – Floor Plans with Room Reference Numbers

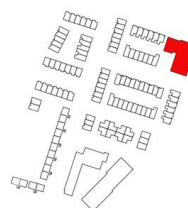
Figure 5 - Block D Plans with Room Reference Numbers and Daylight Heatmap



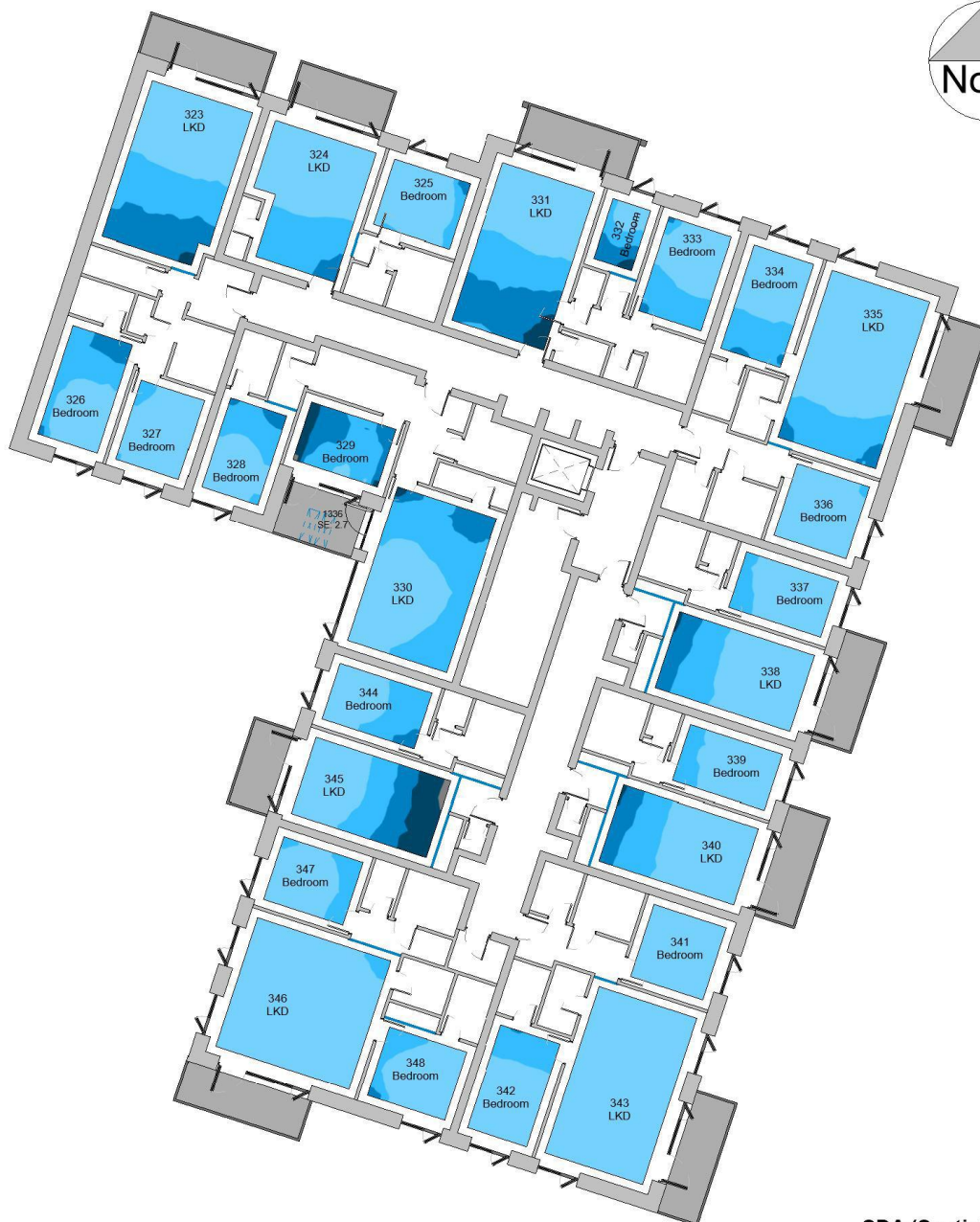


Block D First Floor

SDA (Spatial Daylight Autonomy)



Building	
Block D	
Floor Plan	Sheet N°
01	002



Block D Second Floor

SDA (Spatial Daylight Autonomy)

300 Lux

200 Lux

150 Lux

100 Lux

0 Lux

Building

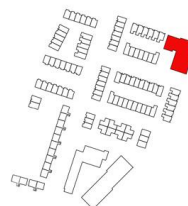
Block D

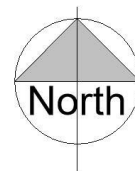
Floor Plan

02

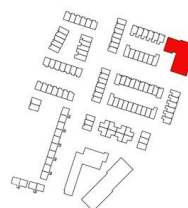
Sheet N°

003





Block D Third Floor



SDA (Spatial Daylight Autonomy)

300 Lux

200 Lux

150 Lux

100 Lux

0 Lux

Building

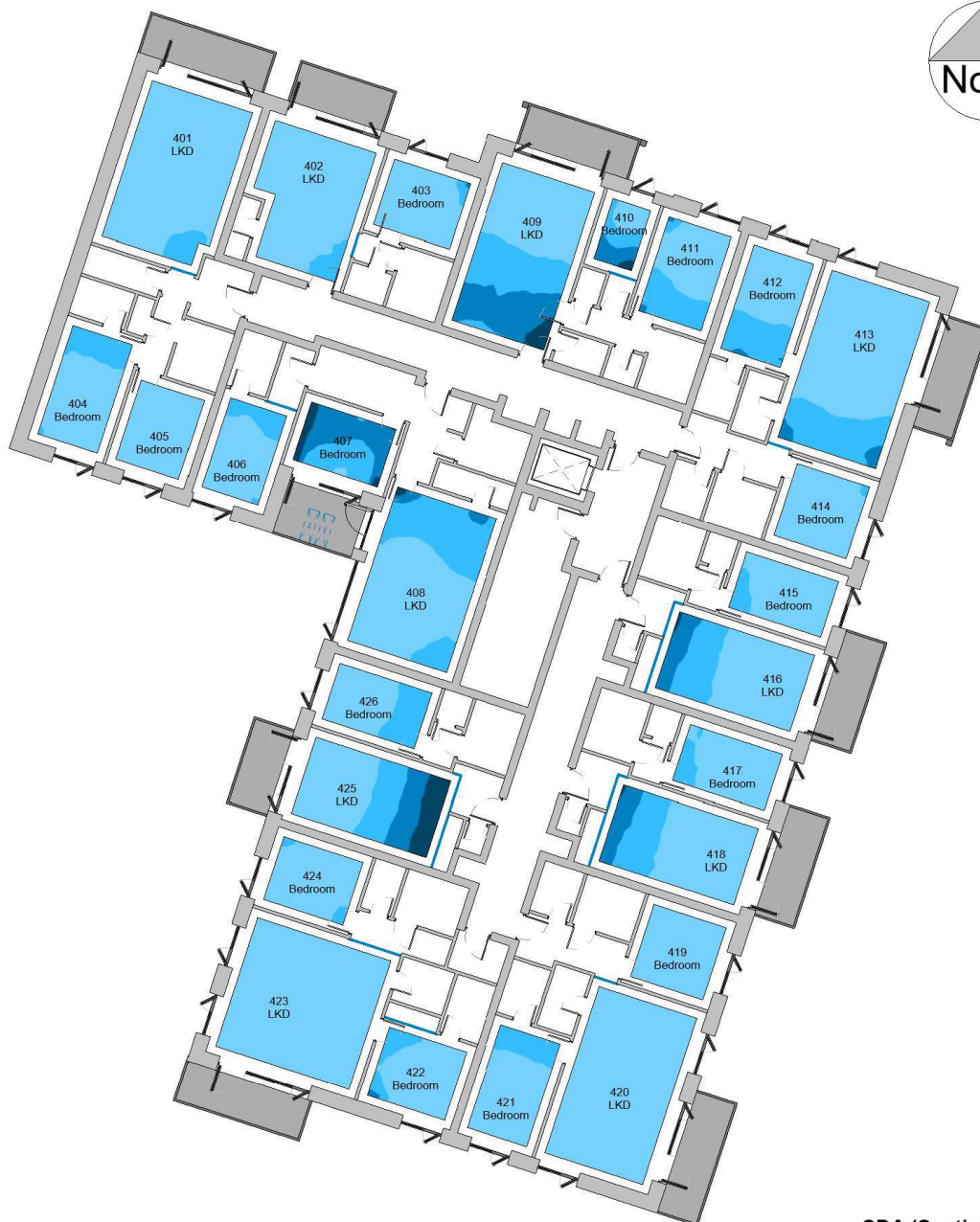
Block D

Floor Plan

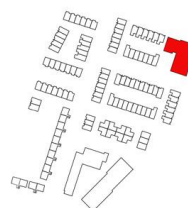
03

Sheet N°

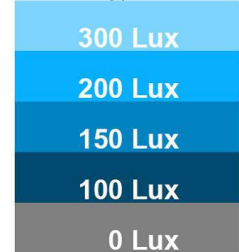
004



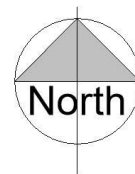
Block D Fourth Floor



SDA (Spatial Daylight Autonomy)

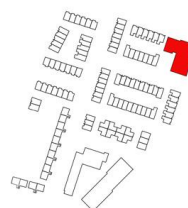
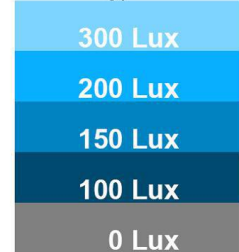


Building	
Block D	
Floor Plan	Sheet N°
04	005

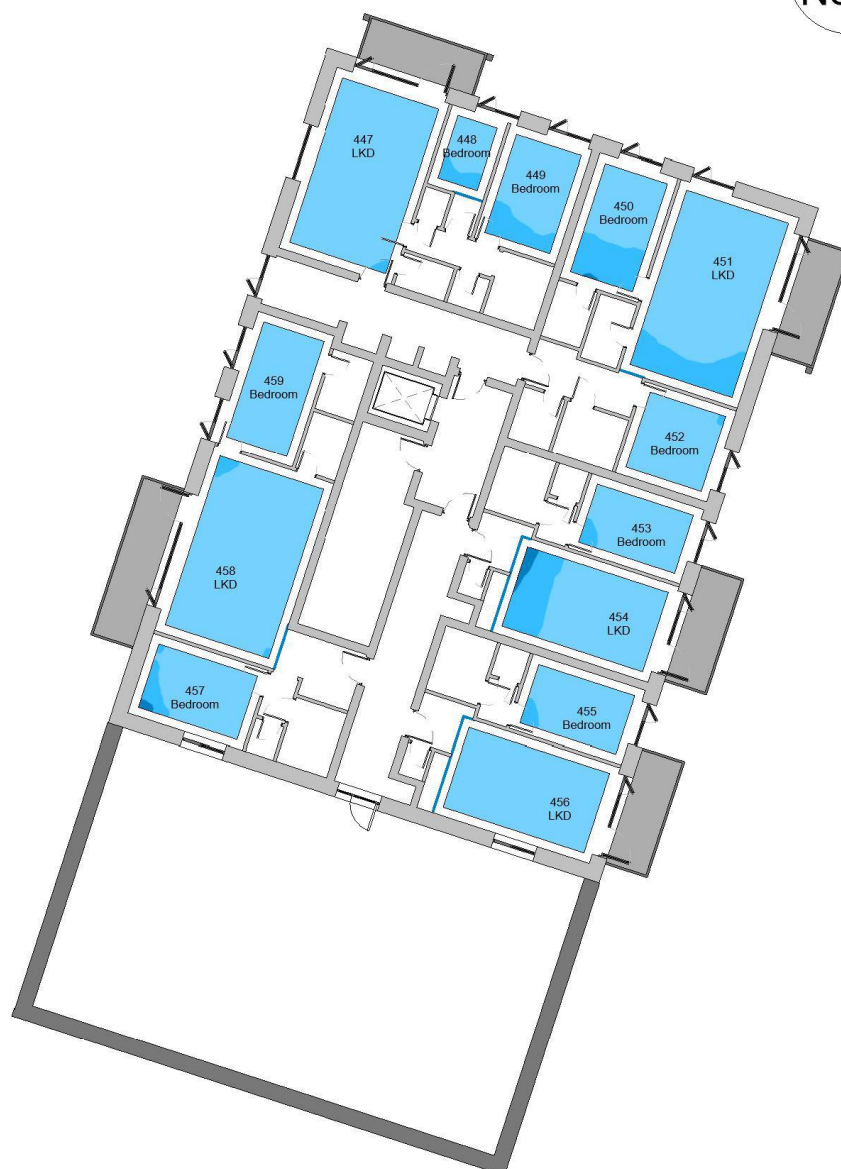
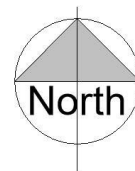


Block D Fifth Floor

SDA (Spatial Daylight Autonomy)



Building	
Block D	
Floor Plan	Sheet N°
05	006



Block D Sixth Floor

SDA (Spatial Daylight
Autonomy)

300 Lux

200 Lux

150 Lux

100 Lux

0 Lux

Building

Block D

Floor Plan

06

Sheet N°

007

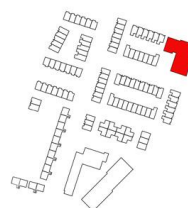
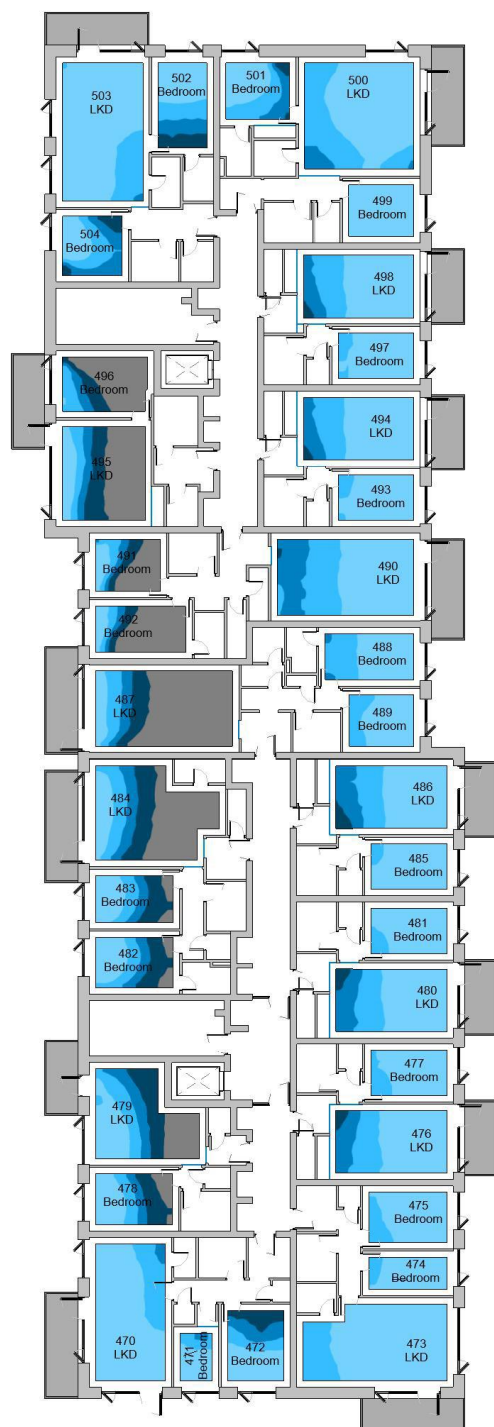
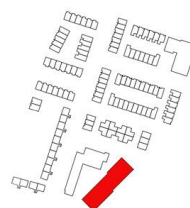


Figure 6 - Block E Plans with Room Reference Numbers and Daylight Heatmaps

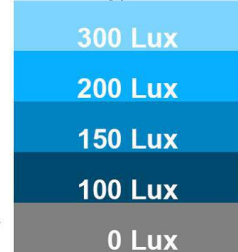




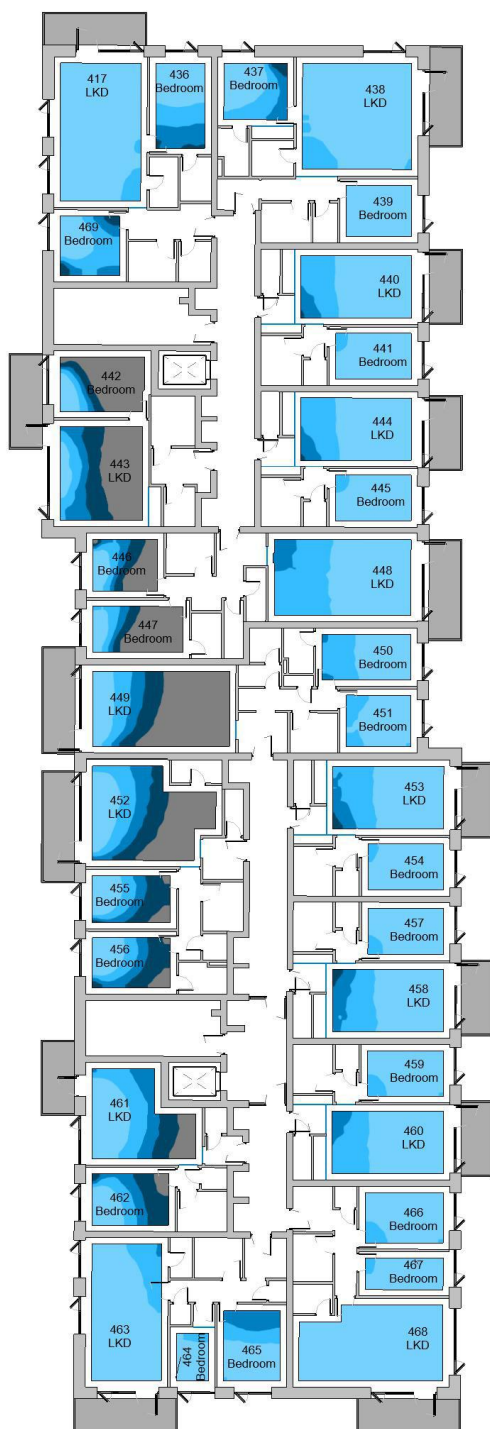
Block E First Floor



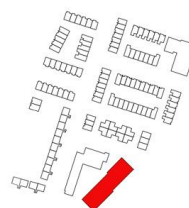
SDA (Spatial Daylight Autonomy)



Building	
Block E	
Floor Plan	Sheet N°
01	004



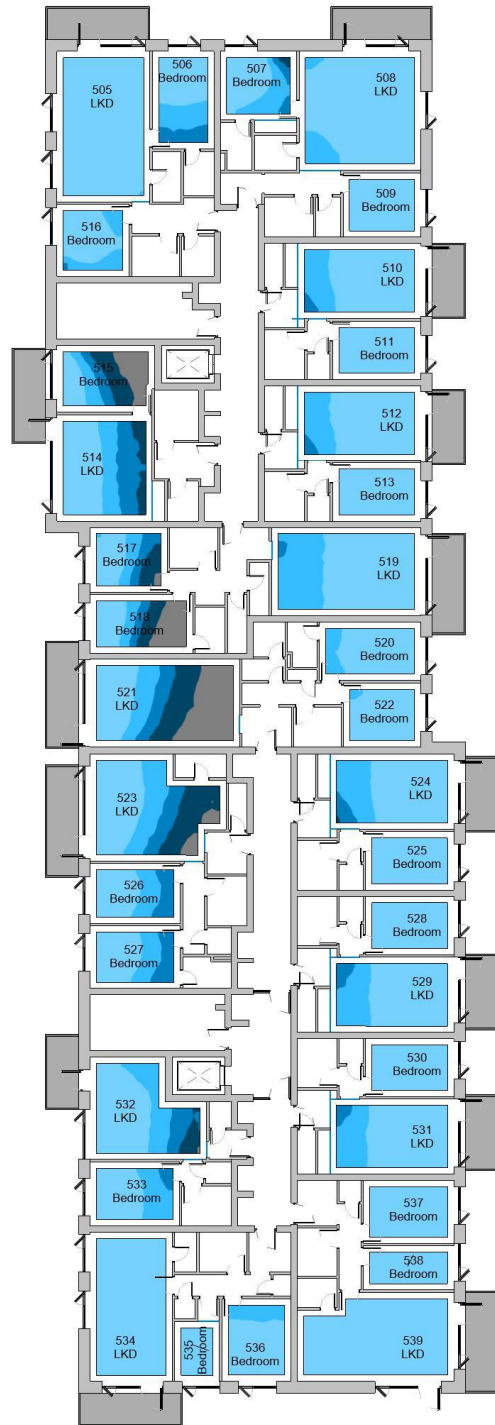
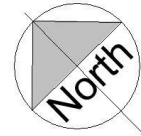
Block E Second Floor



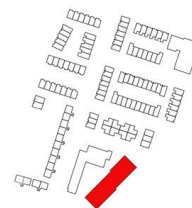
SDA (Spatial Daylight Autonomy)



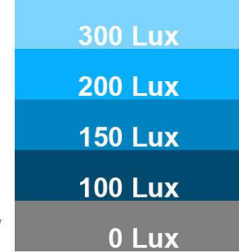
Building	
Block E	
Floor Plan	Sheet N°
02	005



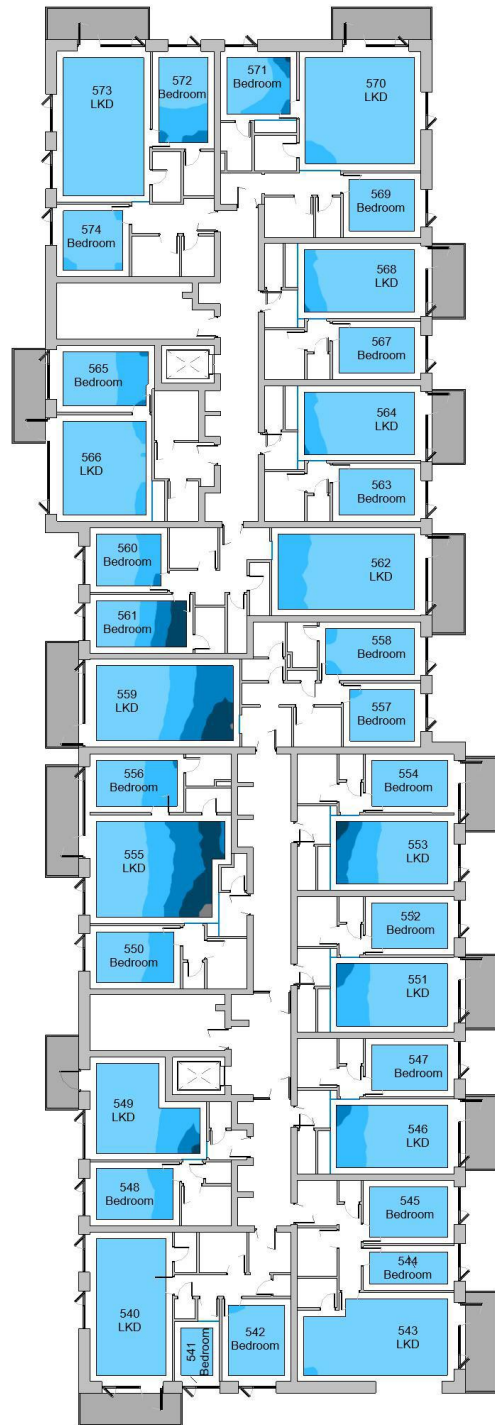
Block E Third Floor



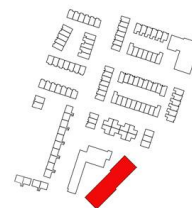
SDA (Spatial Daylight Autonomy)



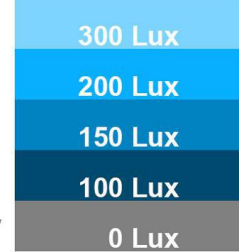
Building	
Block E	
Floor Plan	Sheet N°
03	006



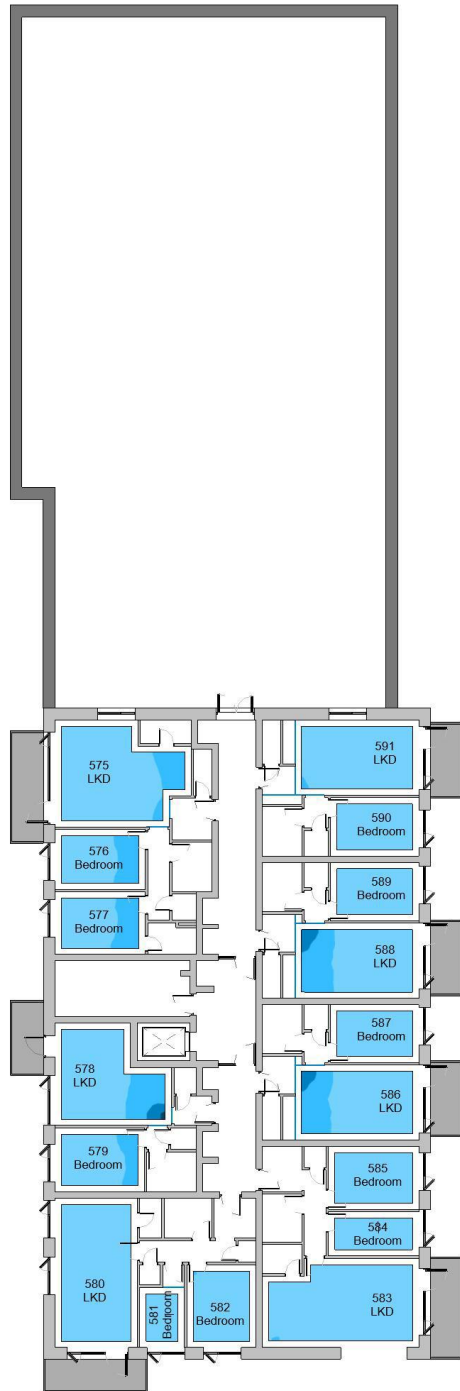
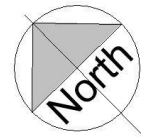
Block E Fourth Floor



SDA (Spatial Daylight Autonomy)



Building	
Block E	
Floor Plan	Sheet N°
04	007



Block E Fifth Floor

SDA (Spatial Daylight Autonomy)

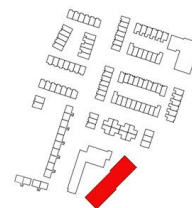
300 Lux

200 Lux

150 Lux

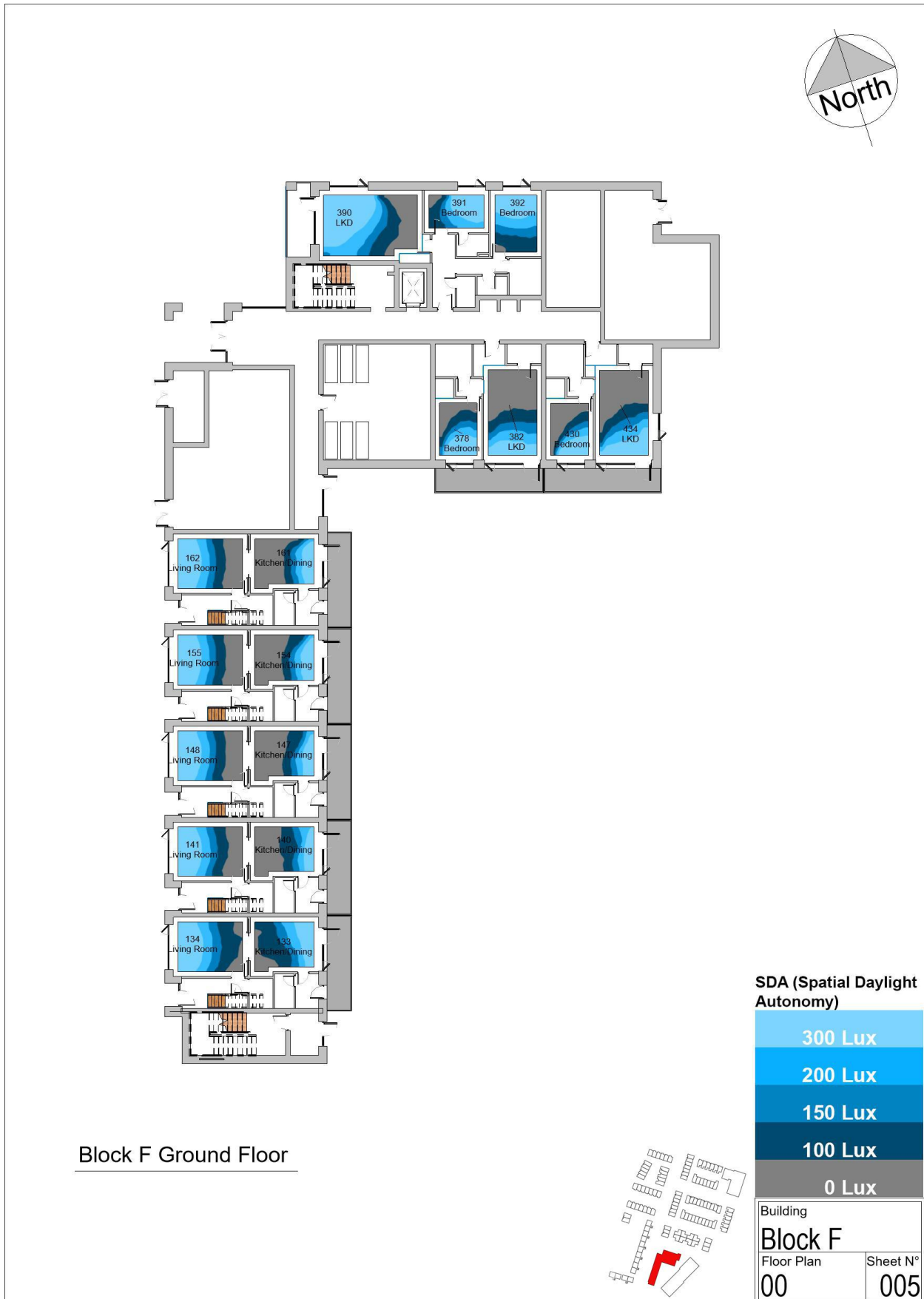
100 Lux

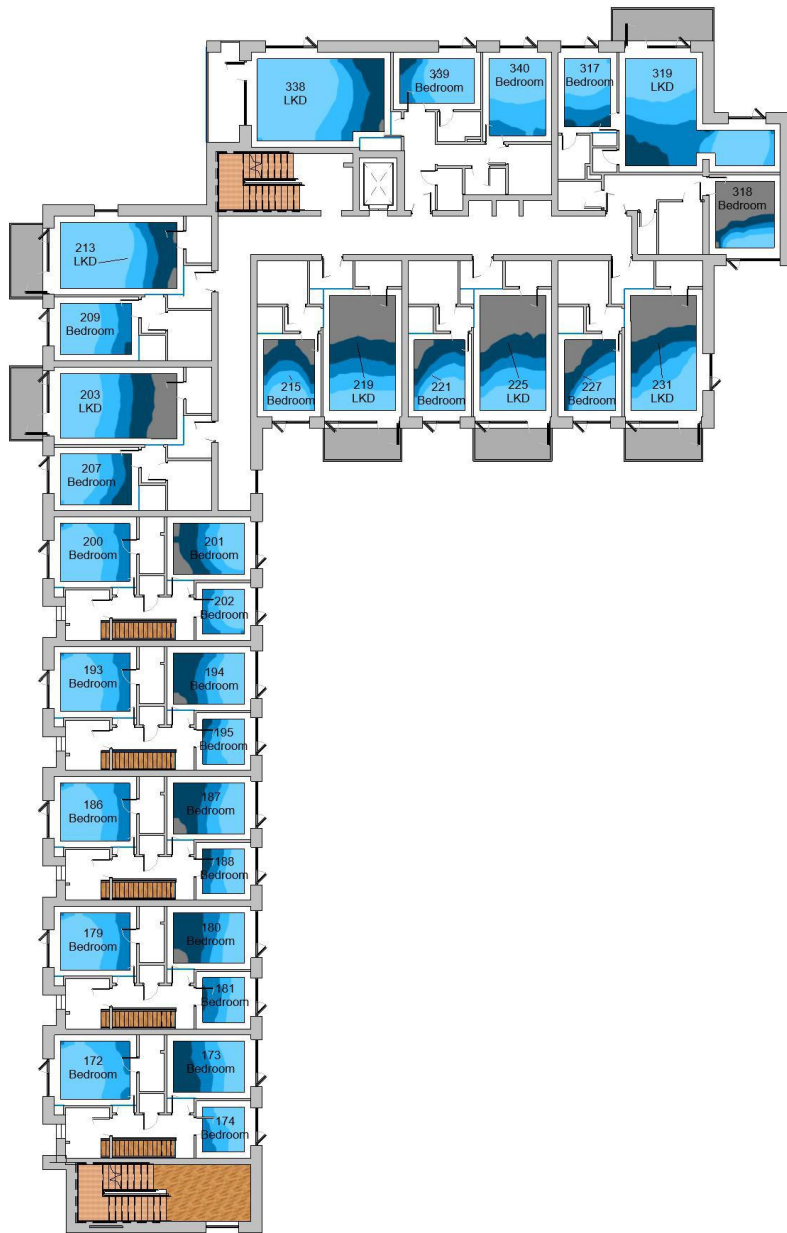
0 Lux



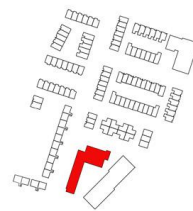
Building	
Block E	
Floor Plan	Sheet N°
05	008

Figure 7 - Block F Plans with Room Reference Numbers and Daylight Heatmap





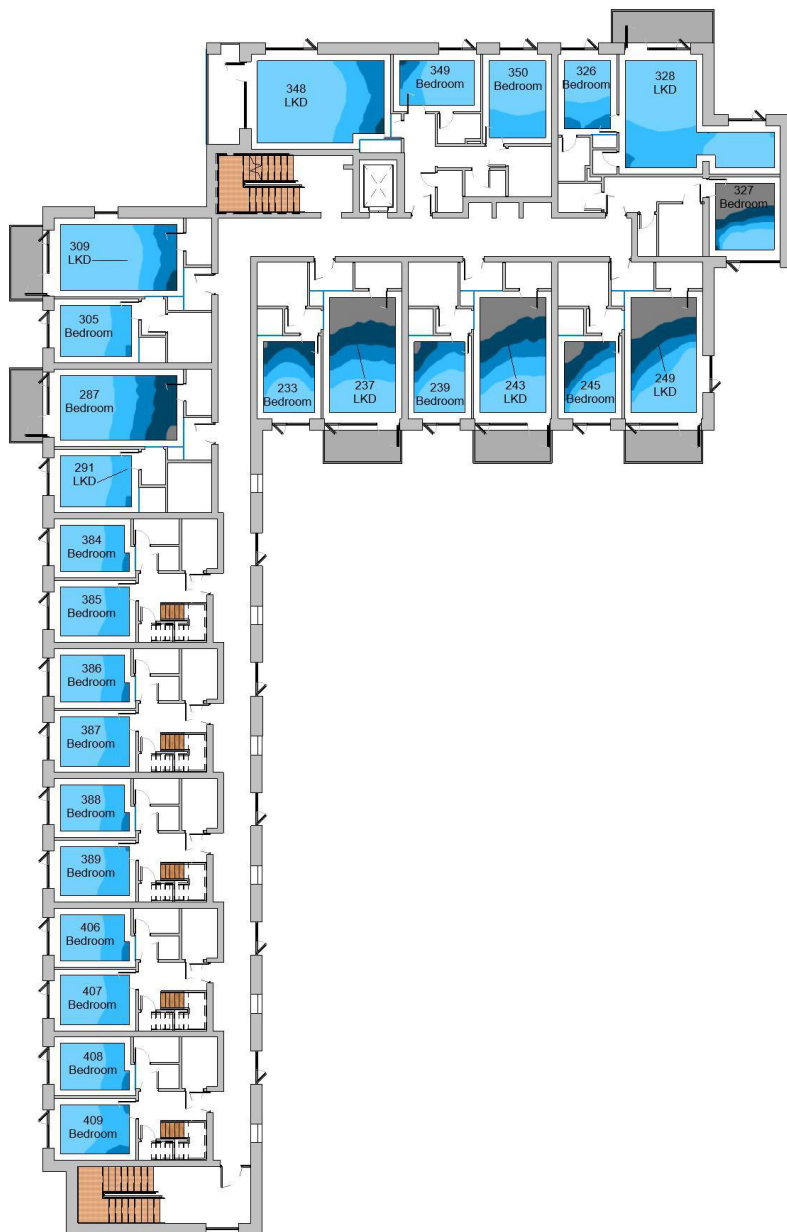
Block F First Floor



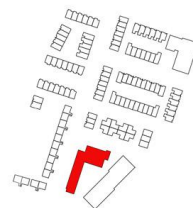
SDA (Spatial Daylight Autonomy)



Building	
Block F	
Floor Plan	Sheet N°
01	006



Block F Second Floor



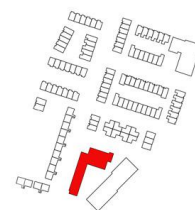
SDA (Spatial Daylight Autonomy)



Building	
Block F	
Floor Plan	Sheet N°
02	007



Block F Third Floor



SDA (Spatial Daylight Autonomy)

300 Lux

200 Lux

150 Lux

100 Lux

0 Lux

Building

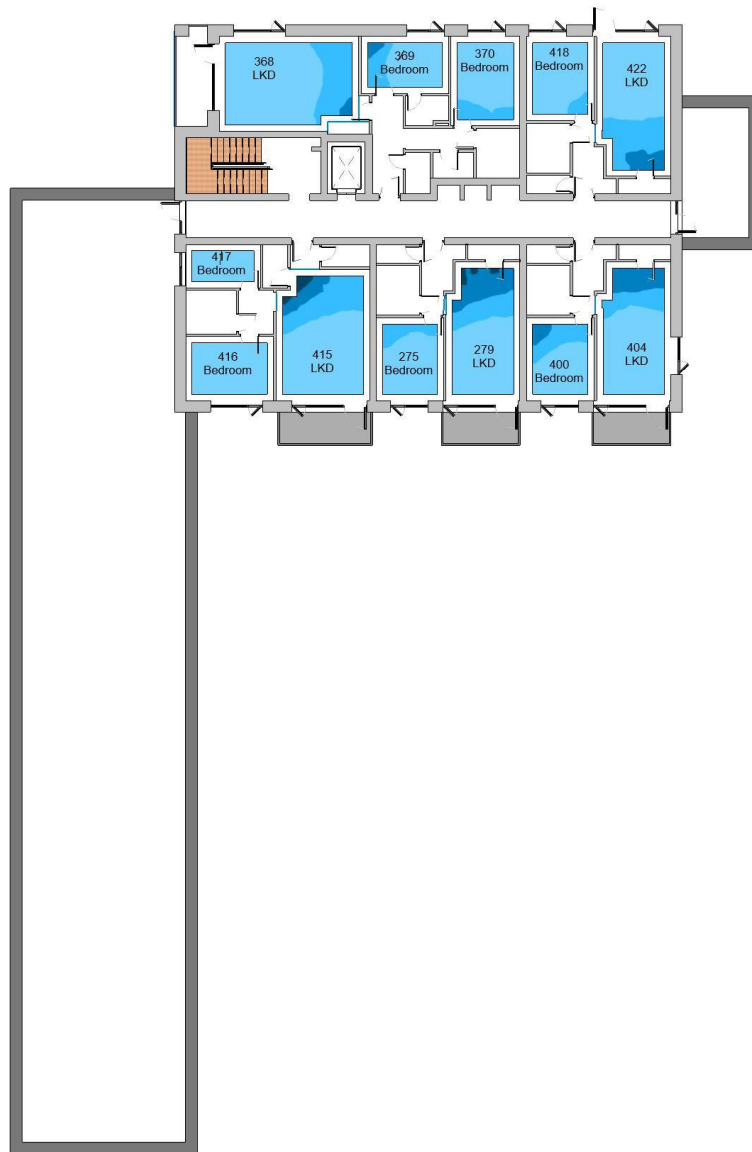
Block F

Floor Plan

03

Sheet N°

008



Block F Fourth Floor

SDA (Spatial Daylight Autonomy)

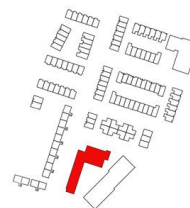
300 Lux

200 Lux

150 Lux

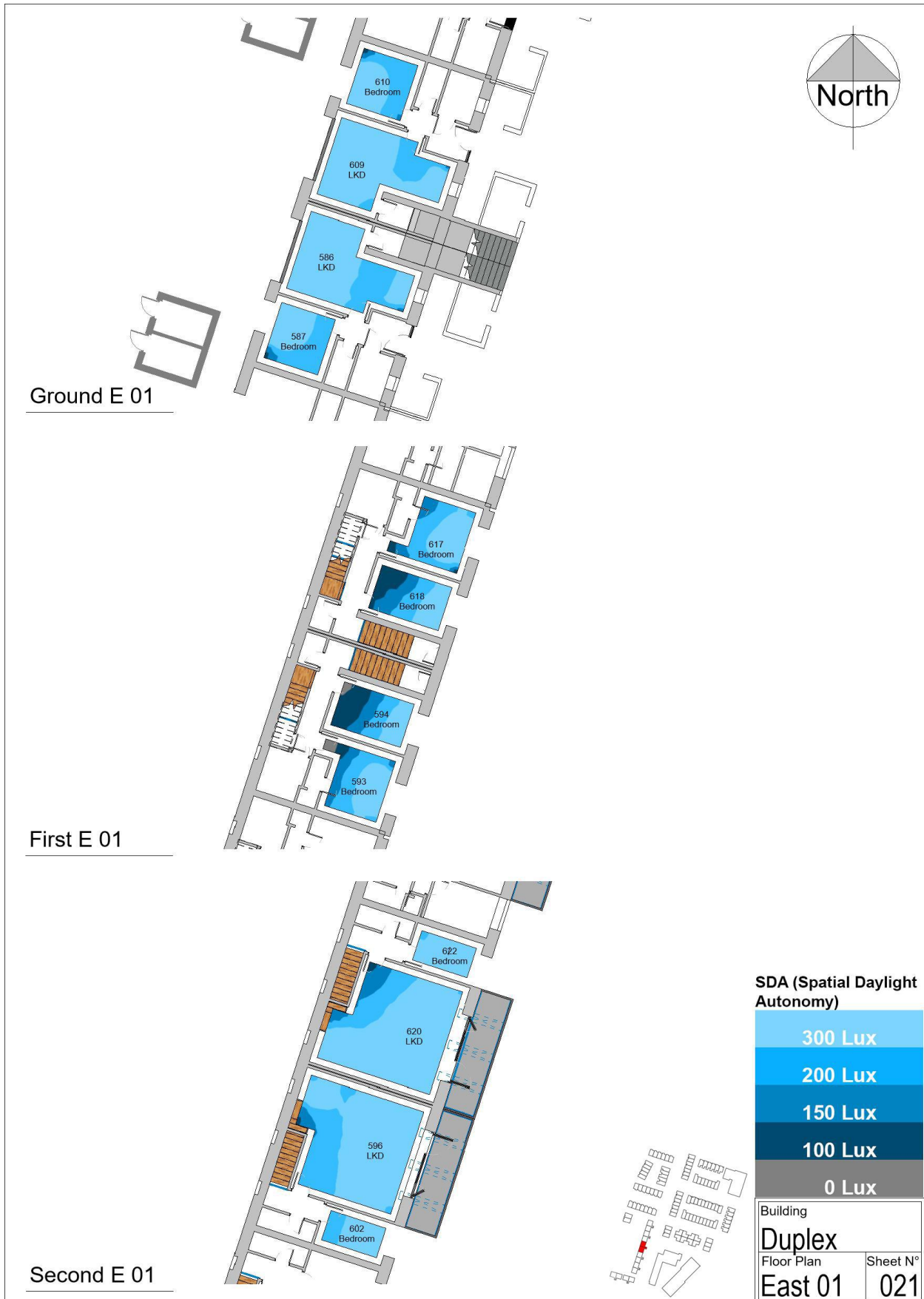
100 Lux

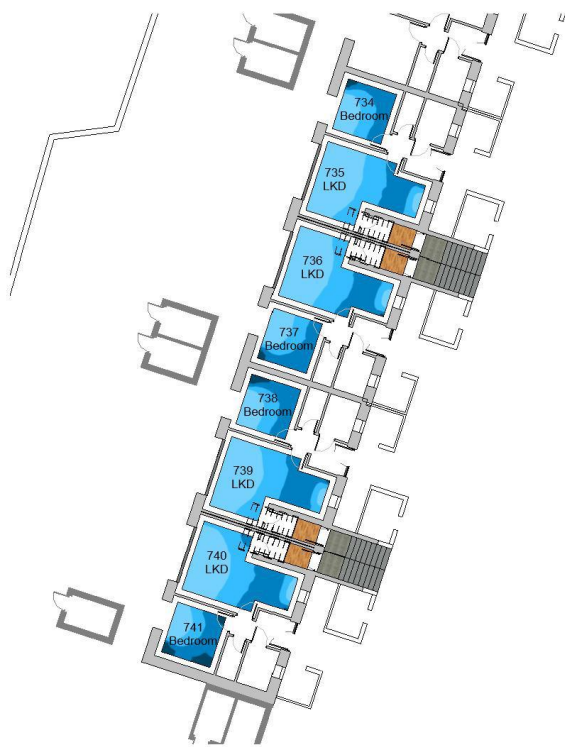
0 Lux



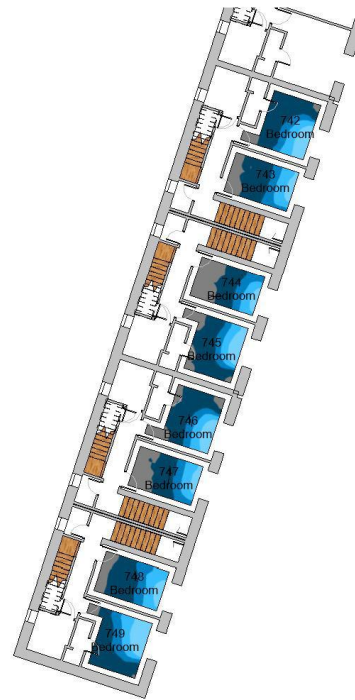
Building	
Block F	
Floor Plan	Sheet N°
04	009

Figure 8 – Duplex Unit Plans with Room Reference Numbers and Daylight Heatmap

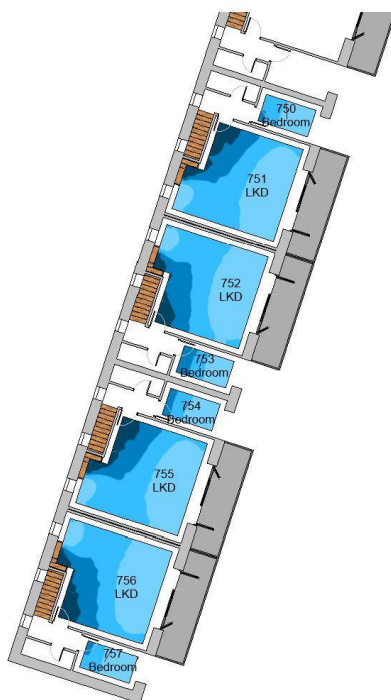




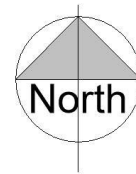
Ground E 02



First E 02



Second E 02



SDA (Spatial Daylight Autonomy)

300 Lux

200 Lux

150 Lux

100 Lux

0 Lux

Building

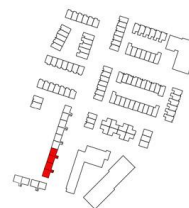
Duplex

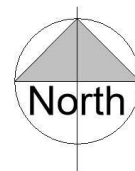
Floor Plan

East 02

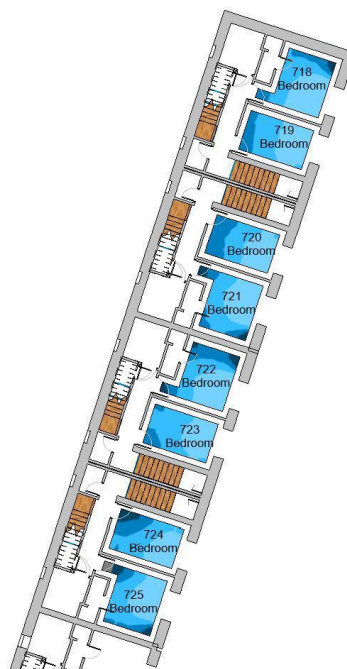
Sheet N°

023

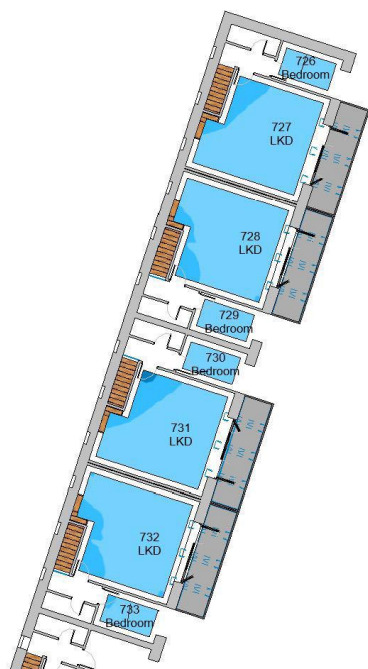




Ground E 03

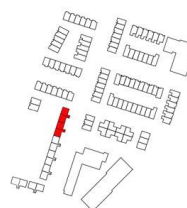


First E 03

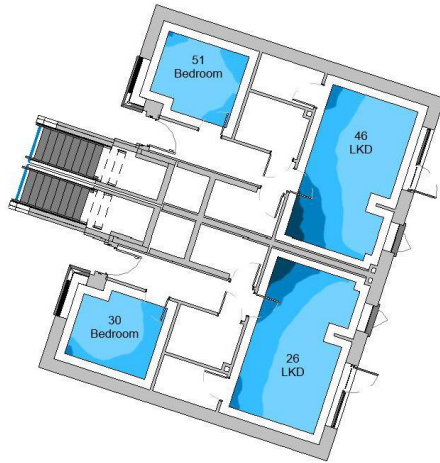
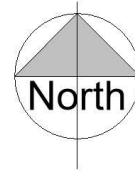


Second E 03

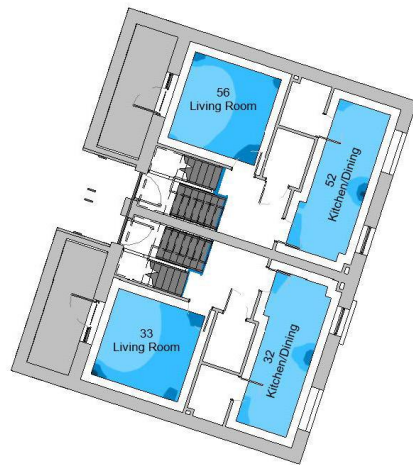
SDA (Spatial Daylight Autonomy)



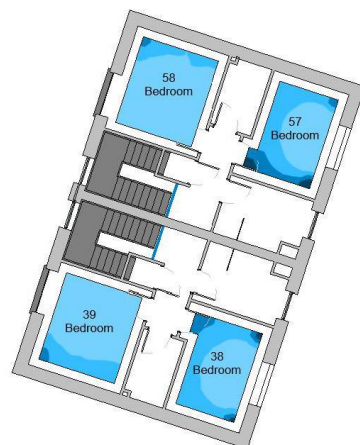
Building	
Duplex	
Floor Plan	Sheet N°
East 03	024



Ground N



First N



Second N

SDA (Spatial Daylight
Autonomy)

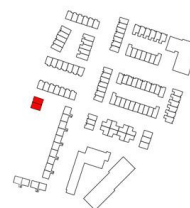
300 Lux

200 Lux

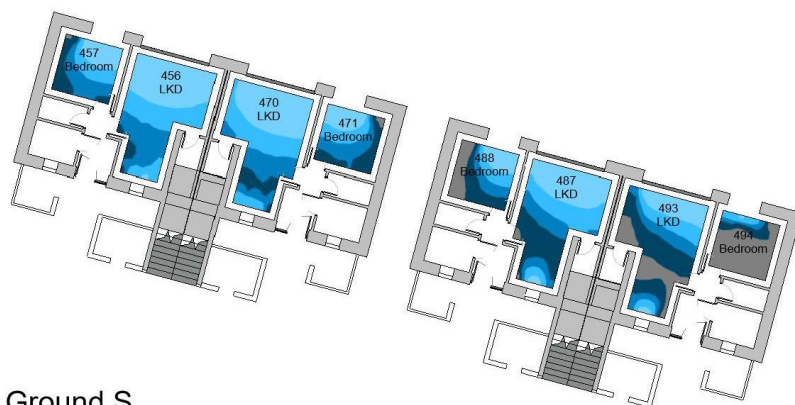
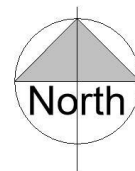
150 Lux

100 Lux

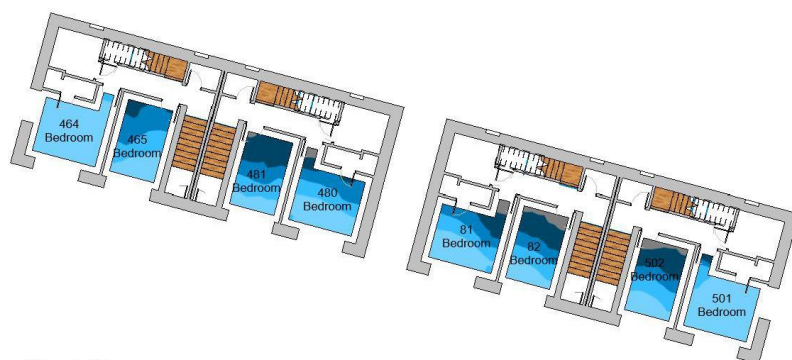
0 Lux



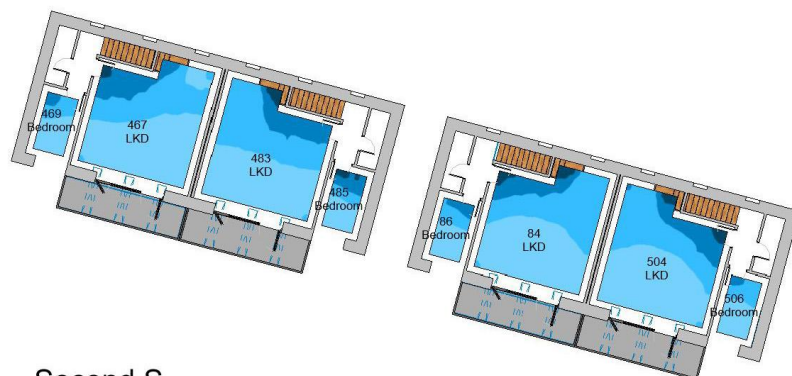
Building	
Duplex	
Floor Plan	Sheet N°
Northern	022



Ground S

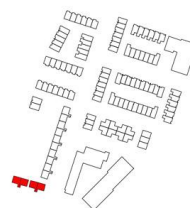
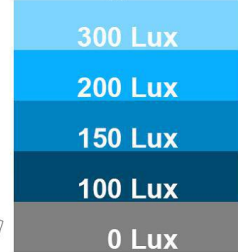


First S



Second S

SDA (Spatial Daylight Autonomy)



Building	
Duplex	
Floor Plan	Sheet N°
Southern	020

Appendix C – Daylight Provision in New Development Detailed Results

Table 7 Block D Daylight Provision Results

Unit Ref.	Room No.	Floor	Type Use	Req Lux	Meets BRE Criteria With Trees		Meets BRE Criteria Without Trees	
					% of Area Meeting Req Lux	Meets BRE Criteria	% of Area Meeting Req Lux	Meets BRE Criteria
BD 001	311	00 Floor	LKD	200	91%	Yes	94%	Yes
BD 001	312	00 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 001	313	00 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 002	314	00 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 002	315	00 Floor	LKD	200	94%	Yes	99%	Yes
BD 002	316	00 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 003	317	00 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 003	318	00 Floor	LKD	200	100%	Yes	100%	Yes
BD 003	319	00 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 004	320	00 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 004	321	00 Floor	LKD	200	84%	Yes	91%	Yes
BD 004	322	00 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 005	349	01 Floor	LKD	200	75%	Yes	75%	Yes
BD 005	350	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 005	351	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 006	352	01 Floor	LKD	200	94%	Yes	94%	Yes
BD 006	353	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 007	354	01 Floor	LKD	200	46%	No	67%	Yes
BD 007	355	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 007	356	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 008	357	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 008	358	01 Floor	LKD	200	92%	Yes	95%	Yes
BD 008	359	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 009	360	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 009	361	01 Floor	LKD	200	79%	Yes	82%	Yes
BD 010	362	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 010	363	01 Floor	LKD	200	81%	Yes	85%	Yes
BD 011	364	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 011	365	01 Floor	LKD	200	100%	Yes	100%	Yes
BD 011	366	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 012	367	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 012	368	01 Floor	LKD	200	99%	Yes	100%	Yes
BD 012	369	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 013	370	01 Floor	LKD	200	53%	Yes	54%	Yes
BD 013	371	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 014	372	01 Floor	LKD	200	73%	Yes	73%	Yes
BD 014	373	01 Floor	Bedroom	100	99%	Yes	99%	Yes
BD 014	374	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 015	323	02 Floor	LKD	200	77%	Yes	77%	Yes
BD 015	326	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 015	327	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 016	324	02 Floor	LKD	200	95%	Yes	96%	Yes
BD 016	325	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 017	331	02 Floor	LKD	200	59%	Yes	69%	Yes
BD 017	332	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 017	333	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 018	334	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 018	335	02 Floor	LKD	200	95%	Yes	97%	Yes
BD 018	336	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 019	337	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 019	338	02 Floor	LKD	200	85%	Yes	86%	Yes
BD 020	339	02 Floor	Bedroom	100	100%	Yes	100%	Yes

Unit Ref.	Room No.	Floor	Type Use	Req Lux	Meets BRE Criteria With Trees		Meets BRE Criteria Without Trees	
					% of Area Meeting Req Lux	Meets BRE Criteria	% of Area Meeting Req Lux	Meets BRE Criteria
BD 020	340	02 Floor	LKD	200	86%	Yes	86%	Yes
BD 021	341	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 021	342	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 021	343	02 Floor	LKD	200	100%	Yes	100%	Yes
BD 022	346	02 Floor	LKD	200	100%	Yes	100%	Yes
BD 022	347	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 022	348	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 023	344	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 023	345	02 Floor	LKD	200	61%	Yes	61%	Yes
BD 024	328	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 024	329	02 Floor	Bedroom	100	99%	Yes	99%	Yes
BD 024	330	02 Floor	LKD	200	91%	Yes	92%	Yes
BD 025	375	03 Floor	LKD	200	100%	Yes	100%	Yes
BD 025	399	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 025	400	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 026	376	03 Floor	LKD	200	100%	Yes	100%	Yes
BD 026	377	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 027	378	03 Floor	LKD	200	69%	Yes	71%	Yes
BD 027	379	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 027	380	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 028	381	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 028	382	03 Floor	LKD	200	97%	Yes	97%	Yes
BD 028	383	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 029	384	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 029	385	03 Floor	LKD	200	86%	Yes	86%	Yes
BD 030	386	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 030	387	03 Floor	LKD	200	86%	Yes	86%	Yes
BD 031	388	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 031	389	03 Floor	LKD	200	100%	Yes	100%	Yes
BD 031	390	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 032	391	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 032	392	03 Floor	LKD	200	100%	Yes	100%	Yes
BD 032	393	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 033	394	03 Floor	LKD	200	66%	Yes	66%	Yes
BD 033	395	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 034	396	03 Floor	LKD	200	97%	Yes	98%	Yes
BD 034	397	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 034	398	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 035	401	04 Floor	LKD	200	100%	Yes	100%	Yes
BD 035	404	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 035	405	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 036	402	04 Floor	LKD	200	100%	Yes	100%	Yes
BD 036	403	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 037	409	04 Floor	LKD	200	73%	Yes	73%	Yes
BD 037	410	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 037	411	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 038	412	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 038	413	04 Floor	LKD	200	97%	Yes	97%	Yes
BD 038	414	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 039	415	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 039	416	04 Floor	LKD	200	86%	Yes	86%	Yes
BD 040	417	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 040	418	04 Floor	LKD	200	86%	Yes	87%	Yes
BD 041	419	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 041	420	04 Floor	LKD	200	100%	Yes	100%	Yes
BD 041	421	04 Floor	Bedroom	100	100%	Yes	100%	Yes

Unit Ref.	Room No.	Floor	Type Use	Req Lux	Meets BRE Criteria With Trees		Meets BRE Criteria Without Trees	
					% of Area Meeting Req Lux	Meets BRE Criteria	% of Area Meeting Req Lux	Meets BRE Criteria
BD 042	422	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 042	423	04 Floor	LKD	200	100%	Yes	100%	Yes
BD 042	424	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 043	425	04 Floor	LKD	200	67%	Yes	67%	Yes
BD 043	426	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 044	406	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 044	407	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 044	408	04 Floor	LKD	200	97%	Yes	97%	Yes
BD 045	427	05 Floor	LKD	200	79%	Yes	79%	Yes
BD 045	428	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 045	429	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 046	430	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 046	431	05 Floor	LKD	200	97%	Yes	97%	Yes
BD 046	432	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 047	433	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 047	434	05 Floor	LKD	200	88%	Yes	88%	Yes
BD 048	435	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 048	436	05 Floor	LKD	200	88%	Yes	89%	Yes
BD 049	437	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 049	438	05 Floor	LKD	200	100%	Yes	100%	Yes
BD 049	439	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 050	440	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 050	441	05 Floor	LKD	200	100%	Yes	100%	Yes
BD 050	442	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 051	443	05 Floor	LKD	200	81%	Yes	81%	Yes
BD 051	444	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 052	445	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 052	446	05 Floor	LKD	200	100%	Yes	100%	Yes
BD 053	447	06 Floor	LKD	200	100%	Yes	100%	Yes
BD 053	448	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 053	449	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 054	450	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 054	451	06 Floor	LKD	200	100%	Yes	100%	Yes
BD 054	452	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 055	453	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 055	454	06 Floor	LKD	200	96%	Yes	96%	Yes
BD 056	455	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 056	456	06 Floor	LKD	200	100%	Yes	100%	Yes
BD 057	457	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BD 057	458	06 Floor	LKD	200	100%	Yes	100%	Yes
BD 057	459	06 Floor	Bedroom	100	100%	Yes	100%	Yes
Total Meeting Criteria				Yes	148	99%	149	100%
				No	1	1%	0	0%
Total Rooms Analysed					149		149	

Table 8 Block E Daylight Provision Results

Unit Ref.	Room No.	Floor	Type Use	Req Lux	Meets BRE Criteria With Trees		Meets BRE Criteria Without Trees	
					% of Area Meeting Req Lux	Meets BRE Criteria	% of Area Meeting Req Lux	Meets BRE Criteria
BE 001	384	00 Floor	LKD	200	40%	No	74%	Yes
BE 001	385	00 Floor	Bedroom	100	90%	Yes	92%	Yes
BE 001	386	00 Floor	Bedroom	100	99%	Yes	100%	Yes
BE 002	387	00 Floor	Bedroom	100	96%	Yes	100%	Yes
BE 002	388	00 Floor	LKD	200	43%	No	69%	Yes
BE 003	389	00 Floor	LKD	200	38%	No	67%	Yes
BE 003	406	00 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 004	407	00 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 004	408	00 Floor	LKD	200	24%	No	69%	Yes
BE 005	414	00 Floor	LKD	200	67%	Yes	80%	Yes
BE 005	415	00 Floor	Bedroom	100	96%	Yes	100%	Yes
BE 005	416	00 Floor	Bedroom	100	49%	No	100%	Yes
BE 006	411	00 Floor	LKD	200	61%	Yes	65%	Yes
BE 006	412	00 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 006	413	00 Floor	Bedroom	100	58%	Yes	70%	Yes
BE 007	409	00 Floor	LKD	200	31%	No	32%	No
BE 007	410	00 Floor	Bedroom	100	44%	No	44%	No
BE 008	499	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 008	500	01 Floor	LKD	200	92%	Yes	96%	Yes
BE 008	501	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 009	497	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 009	498	01 Floor	LKD	200	83%	Yes	85%	Yes
BE 010	493	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 010	494	01 Floor	LKD	200	79%	Yes	86%	Yes
BE 011	490	01 Floor	LKD	200	73%	Yes	81%	Yes
BE 011	491	01 Floor	Bedroom	100	51%	Yes	53%	Yes
BE 011	492	01 Floor	Bedroom	100	32%	No	35%	No
BE 012	487	01 Floor	LKD	200	13%	No	17%	No
BE 012	488	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 012	489	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 013	485	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 013	486	01 Floor	LKD	200	76%	Yes	77%	Yes
BE 014	480	01 Floor	LKD	200	73%	Yes	79%	Yes
BE 014	481	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 015	476	01 Floor	LKD	200	62%	Yes	82%	Yes
BE 015	477	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 016	473	01 Floor	LKD	200	89%	Yes	100%	Yes
BE 016	474	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 016	475	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 017	470	01 Floor	LKD	200	98%	Yes	98%	Yes
BE 017	471	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 017	472	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 018	478	01 Floor	Bedroom	100	84%	Yes	89%	Yes
BE 018	479	01 Floor	LKD	200	41%	No	42%	No
BE 019	482	01 Floor	Bedroom	100	85%	Yes	92%	Yes
BE 019	483	01 Floor	Bedroom	100	81%	Yes	93%	Yes
BE 019	484	01 Floor	LKD	200	25%	No	27%	No
BE 020	495	01 Floor	LKD	200	21%	No	22%	No
BE 020	496	01 Floor	Bedroom	100	26%	No	39%	No
BE 021	502	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 021	503	01 Floor	LKD	200	99%	Yes	99%	Yes
BE 021	504	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 022	437	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 022	438	02 Floor	LKD	200	99%	Yes	100%	Yes
BE 022	439	02 Floor	Bedroom	100	100%	Yes	100%	Yes

Unit Ref.	Room No.	Floor	Type Use	Req Lux	Meets BRE Criteria With Trees		Meets BRE Criteria Without Trees	
					% of Area Meeting Req Lux	Meets BRE Criteria	% of Area Meeting Req Lux	Meets BRE Criteria
BE 023	440	02 Floor	LKD	200	95%	Yes	96%	Yes
BE 023	441	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 024	444	02 Floor	LKD	200	94%	Yes	95%	Yes
BE 024	445	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 025	446	02 Floor	Bedroom	100	76%	Yes	78%	Yes
BE 025	447	02 Floor	Bedroom	100	48%	No	50%	Yes
BE 025	448	02 Floor	LKD	200	95%	Yes	97%	Yes
BE 026	449	02 Floor	LKD	200	26%	No	28%	No
BE 026	450	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 026	451	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 027	453	02 Floor	LKD	200	92%	Yes	92%	Yes
BE 027	454	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 028	457	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 028	458	02 Floor	LKD	200	92%	Yes	93%	Yes
BE 029	459	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 029	460	02 Floor	LKD	200	84%	Yes	94%	Yes
BE 030	466	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 030	467	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 030	468	02 Floor	LKD	200	100%	Yes	100%	Yes
BE 031	463	02 Floor	LKD	200	100%	Yes	100%	Yes
BE 031	464	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 031	465	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 032	461	02 Floor	LKD	200	64%	Yes	65%	Yes
BE 032	462	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 033	452	02 Floor	LKD	200	43%	No	43%	No
BE 033	455	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 033	456	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 034	442	02 Floor	Bedroom	100	49%	No	54%	Yes
BE 034	443	02 Floor	LKD	200	39%	No	42%	No
BE 035	417	02 Floor	LKD	200	100%	Yes	100%	Yes
BE 035	436	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 035	469	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 036	507	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 036	508	03 Floor	LKD	200	100%	Yes	100%	Yes
BE 036	509	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 037	510	03 Floor	LKD	200	97%	Yes	97%	Yes
BE 037	511	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 038	512	03 Floor	LKD	200	97%	Yes	97%	Yes
BE 038	513	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 039	517	03 Floor	Bedroom	100	98%	Yes	98%	Yes
BE 039	518	03 Floor	Bedroom	100	68%	Yes	69%	Yes
BE 039	519	03 Floor	LKD	200	98%	Yes	98%	Yes
BE 040	520	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 040	521	03 Floor	LKD	200	39%	No	39%	No
BE 040	522	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 041	524	03 Floor	LKD	200	93%	Yes	93%	Yes
BE 041	525	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 042	528	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 042	529	03 Floor	LKD	200	94%	Yes	94%	Yes
BE 043	530	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 043	531	03 Floor	LKD	200	96%	Yes	96%	Yes
BE 044	537	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 044	538	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 044	539	03 Floor	LKD	200	100%	Yes	100%	Yes
BE 045	534	03 Floor	LKD	200	100%	Yes	100%	Yes
BE 045	535	03 Floor	Bedroom	100	100%	Yes	100%	Yes

Unit Ref.	Room No.	Floor	Type Use	Req Lux	Meets BRE Criteria With Trees		Meets BRE Criteria Without Trees	
					% of Area Meeting Req Lux	Meets BRE Criteria	% of Area Meeting Req Lux	Meets BRE Criteria
BE 045	536	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 046	532	03 Floor	LKD	200	80%	Yes	80%	Yes
BE 046	533	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 047	523	03 Floor	LKD	200	63%	Yes	63%	Yes
BE 047	526	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 047	527	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 048	514	03 Floor	LKD	200	68%	Yes	67%	Yes
BE 048	515	03 Floor	Bedroom	100	75%	Yes	75%	Yes
BE 049	505	03 Floor	LKD	200	100%	Yes	100%	Yes
BE 049	506	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 049	516	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 050	569	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 050	570	04 Floor	LKD	200	100%	Yes	100%	Yes
BE 050	571	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 051	567	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 051	568	04 Floor	LKD	200	99%	Yes	99%	Yes
BE 052	563	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 052	564	04 Floor	LKD	200	99%	Yes	99%	Yes
BE 053	560	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 053	561	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 053	562	04 Floor	LKD	200	100%	Yes	100%	Yes
BE 054	557	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 054	558	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 054	559	04 Floor	LKD	200	69%	Yes	69%	Yes
BE 055	553	04 Floor	LKD	200	84%	Yes	84%	Yes
BE 055	554	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 056	551	04 Floor	LKD	200	95%	Yes	95%	Yes
BE 056	552	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 057	546	04 Floor	LKD	200	97%	Yes	97%	Yes
BE 057	547	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 058	543	04 Floor	LKD	200	100%	Yes	100%	Yes
BE 058	544	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 058	545	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 059	540	04 Floor	LKD	200	100%	Yes	100%	Yes
BE 059	541	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 059	542	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 060	548	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 060	549	04 Floor	LKD	200	94%	Yes	94%	Yes
BE 061	550	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 061	555	04 Floor	LKD	200	61%	Yes	62%	Yes
BE 061	556	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 062	565	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 062	566	04 Floor	LKD	200	100%	Yes	100%	Yes
BE 063	572	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 063	573	04 Floor	LKD	200	100%	Yes	100%	Yes
BE 063	574	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 064	590	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 064	591	05 Floor	LKD	200	100%	Yes	100%	Yes
BE 065	588	05 Floor	LKD	200	95%	Yes	95%	Yes
BE 065	589	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 066	586	05 Floor	LKD	200	97%	Yes	97%	Yes
BE 066	587	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 067	583	05 Floor	LKD	200	100%	Yes	100%	Yes
BE 067	584	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 067	585	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 068	580	05 Floor	LKD	200	100%	Yes	100%	Yes

Unit Ref.	Room No.	Floor	Type Use	Req Lux	Meets BRE Criteria With Trees		Meets BRE Criteria Without Trees	
					% of Area Meeting Req Lux	Meets BRE Criteria	% of Area Meeting Req Lux	Meets BRE Criteria
BE 068	581	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 068	582	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 069	578	05 Floor	LKD	200	97%	Yes	97%	Yes
BE 069	579	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 070	575	05 Floor	LKD	200	100%	Yes	100%	Yes
BE 070	576	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 070	577	05 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 071	607	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 071	608	06 Floor	LKD	200	100%	Yes	100%	Yes
BE 072	605	06 Floor	LKD	200	98%	Yes	98%	Yes
BE 072	606	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 073	603	06 Floor	LKD	200	98%	Yes	98%	Yes
BE 073	604	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 074	600	06 Floor	LKD	200	100%	Yes	100%	Yes
BE 074	601	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 074	602	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 075	597	06 Floor	LKD	200	100%	Yes	100%	Yes
BE 075	598	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 075	599	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 076	595	06 Floor	LKD	200	97%	Yes	97%	Yes
BE 076	596	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 077	592	06 Floor	LKD	200	100%	Yes	100%	Yes
BE 077	593	06 Floor	Bedroom	100	100%	Yes	100%	Yes
BE 077	594	06 Floor	Bedroom	100	100%	Yes	100%	Yes
Total Meeting Criteria				Yes	172	90%	179	94%
				No	19	10%	12	6%
Total Rooms Analysed					191		191	

Table 9 Block F Daylight Provision Results

Unit Ref.	Room No.	Floor	Type Use	Req Lux	Meets BRE Criteria With Trees		Meets BRE Criteria Without Trees	
					% of Area Meeting Req Lux	Meets BRE Criteria	% of Area Meeting Req Lux	Meets BRE Criteria
BF 001	390	00 Floor	LKD	200	45%	No	53%	Yes
BF 001	391	00 Floor	Bedroom	100	93%	Yes	93%	Yes
BF 001	392	00 Floor	Bedroom	100	94%	Yes	98%	Yes
BF 002	430	00 Floor	Bedroom	100	40%	No	58%	Yes
BF 002	434	00 Floor	LKD	200	12%	No	30%	No
BF 003	378	00 Floor	Bedroom	100	75%	Yes	75%	Yes
BF 003	382	00 Floor	LKD	200	26%	No	27%	No
BF 004	161	00 Floor	Kitchen/Dining	200	26%	No	26%	No
BF 004	162	00 Floor	Living Room	150	51%	Yes	56%	Yes
BF 004	200	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 004	201	01 Floor	Bedroom	100	93%	Yes	90%	Yes
BF 004	202	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 005	154	00 Floor	Kitchen/Dining	200	26%	No	26%	No
BF 005	155	00 Floor	Living Room	150	49%	No	56%	Yes
BF 005	193	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 005	194	01 Floor	Bedroom	100	98%	Yes	97%	Yes
BF 005	195	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 006	147	00 Floor	Kitchen/Dining	200	23%	No	24%	No
BF 006	148	00 Floor	Living Room	150	54%	Yes	56%	Yes

Unit Ref.	Room No.	Floor	Type Use	Req Lux	Meets BRE Criteria With Trees		Meets BRE Criteria Without Trees	
					% of Area Meeting Req Lux	Meets BRE Criteria	% of Area Meeting Req Lux	Meets BRE Criteria
BF 006	186	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 006	187	01 Floor	Bedroom	100	98%	Yes	97%	Yes
BF 006	188	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 007	140	00 Floor	Kitchen/Dining	200	17%	No	23%	No
BF 007	141	00 Floor	Living Room	150	46%	No	58%	Yes
BF 007	179	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 007	180	01 Floor	Bedroom	100	94%	Yes	95%	Yes
BF 007	181	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 008	133	00 Floor	Kitchen/Dining	200	27%	No	37%	No
BF 008	134	00 Floor	Living Room	150	60%	Yes	64%	Yes
BF 008	172	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 008	173	01 Floor	Bedroom	100	94%	Yes	100%	Yes
BF 008	174	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 009	338	01 Floor	LKD	200	70%	Yes	74%	Yes
BF 009	339	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 009	340	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 010	317	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 010	318	01 Floor	Bedroom	100	33%	No	37%	No
BF 010	319	01 Floor	LKD	200	64%	Yes	66%	Yes
BF 011	227	01 Floor	Bedroom	100	67%	Yes	83%	Yes
BF 011	231	01 Floor	LKD	200	32%	No	42%	No
BF 012	221	01 Floor	Bedroom	100	92%	Yes	92%	Yes
BF 012	225	01 Floor	LKD	200	33%	No	35%	No
BF 013	215	01 Floor	Bedroom	100	89%	Yes	89%	Yes
BF 013	219	01 Floor	LKD	200	33%	No	33%	No
BF 014	203	01 Floor	LKD	200	45%	No	52%	Yes
BF 014	207	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 015	209	01 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 015	213	01 Floor	LKD	200	69%	Yes	71%	Yes
BF 016	348	02 Floor	LKD	200	84%	Yes	86%	Yes
BF 016	349	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 016	350	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 017	326	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 017	327	02 Floor	Bedroom	100	56%	Yes	57%	Yes
BF 017	328	02 Floor	LKD	200	99%	Yes	99%	Yes
BF 018	245	02 Floor	Bedroom	100	90%	Yes	92%	Yes
BF 018	249	02 Floor	LKD	200	44%	No	46%	No
BF 019	239	02 Floor	Bedroom	100	98%	Yes	99%	Yes
BF 019	243	02 Floor	LKD	200	44%	No	44%	No
BF 020	233	02 Floor	Bedroom	100	99%	Yes	99%	Yes
BF 020	237	02 Floor	LKD	200	45%	No	45%	No
BF 021	287	02 Floor	Bedroom	100	99%	Yes	99%	Yes
BF 021	291	02 Floor	LKD	200	98%	Yes	98%	Yes
BF 022	305	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 022	309	02 Floor	LKD	200	81%	Yes	82%	Yes
BF 023	384	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 023	385	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 023	410	03 Floor	LKD	200	87%	Yes	86%	Yes
BF 024	386	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 024	387	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 024	411	03 Floor	LKD	200	85%	Yes	85%	Yes
BF 025	388	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 025	389	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 025	412	03 Floor	LKD	200	81%	Yes	81%	Yes
BF 026	406	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 026	407	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 026	413	03 Floor	LKD	200	80%	Yes	80%	Yes

Unit Ref.	Room No.	Floor	Type Use	Req Lux	Meets BRE Criteria With Trees		Meets BRE Criteria Without Trees	
					% of Area Meeting Req Lux	Meets BRE Criteria	% of Area Meeting Req Lux	Meets BRE Criteria
BF 027	408	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 027	409	02 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 027	414	03 Floor	LKD	200	93%	Yes	93%	Yes
BF 028	358	03 Floor	LKD	200	98%	Yes	98%	Yes
BF 028	359	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 028	360	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 029	335	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 029	336	03 Floor	Bedroom	100	76%	Yes	76%	Yes
BF 029	337	03 Floor	LKD	200	100%	Yes	100%	Yes
BF 030	263	03 Floor	Bedroom	100	98%	Yes	98%	Yes
BF 030	267	03 Floor	LKD	200	60%	Yes	60%	Yes
BF 031	257	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 031	261	03 Floor	LKD	200	56%	Yes	56%	Yes
BF 032	251	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 032	255	03 Floor	LKD	200	60%	Yes	60%	Yes
BF 033	299	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 033	303	03 Floor	LKD	200	100%	Yes	100%	Yes
BF 034	424	03 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 034	428	03 Floor	LKD	200	98%	Yes	98%	Yes
BF 035	368	04 Floor	LKD	200	99%	Yes	99%	Yes
BF 035	369	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 035	370	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 036	418	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 036	422	04 Floor	LKD	200	92%	Yes	92%	Yes
BF 037	400	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 037	404	04 Floor	LKD	200	85%	Yes	85%	Yes
BF 038	275	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 038	279	04 Floor	LKD	200	77%	Yes	77%	Yes
BF 039	415	04 Floor	LKD	200	89%	Yes	90%	Yes
BF 039	416	04 Floor	Bedroom	100	100%	Yes	100%	Yes
BF 039	417	04 Floor	Bedroom	100	100%	Yes	100%	Yes
Total Meeting Criteria				Yes	88	82%	93	87%
				No	19	18%	14	13%
Total Rooms Analysed					107		107	

Table 10 Duplex Units Daylight Provision Results

Unit Ref.	Room No.	Floor	Type Use	Req Lux	Meets BRE Criteria With Trees		Meets BRE Criteria Without Trees	
					% of Area Meeting Req Lux	Meets BRE Criteria	% of Area Meeting Req Lux	Meets BRE Criteria
DX N 001	46	00 Floor	LKD	200	76%	Yes	84%	Yes
DX N 001	51	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX N 002	26	00 Floor	LKD	200	83%	Yes	86%	Yes
DX N 002	30	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX N 003	52	01 Floor	Kitchen/Dining	200	99%	Yes	99%	Yes
DX N 003	56	01 Floor	Living Room	150	95%	Yes	100%	Yes
DX N 003	57	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX N 003	58	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX N 004	32	01 Floor	Kitchen/Dining	200	100%	Yes	100%	Yes
DX N 004	33	01 Floor	Living Room	150	99%	Yes	99%	Yes

Unit Ref.	Room No.	Floor	Type Use	Req Lux	Meets BRE Criteria With Trees		Meets BRE Criteria Without Trees	
					% of Area Meeting Req Lux	Meets BRE Criteria	% of Area Meeting Req Lux	Meets BRE Criteria
DX N 004	38	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX N 004	39	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 001	609	00 Floor	LKD	200	99%	Yes	99%	Yes
DX E 001	610	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 002	586	00 Floor	LKD	200	99%	Yes	99%	Yes
DX E 002	587	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 003	617	01 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 003	618	01 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 003	620	02 Floor	LKD	200	91%	Yes	91%	Yes
DX E 003	622	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 004	593	01 Floor	Bedroom	100	98%	Yes	98%	Yes
DX E 004	594	01 Floor	Bedroom	100	96%	Yes	98%	Yes
DX E 004	596	03 Floor	LKD	200	98%	Yes	98%	Yes
DX E 004	602	03 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 005	734	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 005	735	00 Floor	LKD	200	81%	Yes	81%	Yes
DX E 006	736	00 Floor	LKD	200	79%	Yes	79%	Yes
DX E 006	737	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 007	742	01 Floor	Bedroom	100	86%	Yes	93%	Yes
DX E 007	743	01 Floor	Bedroom	100	77%	Yes	77%	Yes
DX E 007	750	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 007	751	02 Floor	LKD	200	78%	Yes	77%	Yes
DX E 008	744	01 Floor	Bedroom	100	62%	Yes	64%	Yes
DX E 008	745	01 Floor	Bedroom	100	82%	Yes	86%	Yes
DX E 008	752	02 Floor	LKD	200	78%	Yes	78%	Yes
DX E 008	753	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 009	738	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 009	739	00 Floor	LKD	200	76%	Yes	76%	Yes
DX E 010	740	00 Floor	LKD	200	76%	Yes	76%	Yes
DX E 010	741	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 011	746	01 Floor	Bedroom	100	80%	Yes	83%	Yes
DX E 011	747	01 Floor	Bedroom	100	69%	Yes	69%	Yes
DX E 011	754	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 011	755	02 Floor	LKD	200	76%	Yes	76%	Yes
DX E 012	748	01 Floor	Bedroom	100	85%	Yes	83%	Yes
DX E 012	749	01 Floor	Bedroom	100	89%	Yes	97%	Yes
DX E 012	756	02 Floor	LKD	200	76%	Yes	75%	Yes
DX E 012	757	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 013	710	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 013	711	00 Floor	LKD	200	96%	Yes	99%	Yes
DX E 014	712	00 Floor	LKD	200	92%	Yes	98%	Yes
DX E 014	713	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 015	718	01 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 015	719	01 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 015	726	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 015	727	02 Floor	LKD	200	100%	Yes	100%	Yes
DX E 016	720	01 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 016	721	01 Floor	Bedroom	100	99%	Yes	100%	Yes
DX E 016	728	02 Floor	LKD	200	100%	Yes	100%	Yes
DX E 016	729	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 017	714	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 017	715	00 Floor	LKD	200	99%	Yes	99%	Yes
DX E 018	716	00 Floor	LKD	200	99%	Yes	99%	Yes
DX E 018	717	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 019	722	01 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 019	723	01 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 019	730	02 Floor	Bedroom	100	100%	Yes	100%	Yes

Unit Ref.	Room No.	Floor	Type Use	Req Lux	Meets BRE Criteria With Trees		Meets BRE Criteria Without Trees	
					% of Area Meeting Req Lux	Meets BRE Criteria	% of Area Meeting Req Lux	Meets BRE Criteria
DX E 019	731	02 Floor	LKD	200	98%	Yes	98%	Yes
DX E 020	724	01 Floor	Bedroom	100	100%	Yes	100%	Yes
DX E 020	725	01 Floor	Bedroom	100	98%	Yes	98%	Yes
DX E 020	732	02 Floor	LKD	200	100%	Yes	100%	Yes
DX E 020	733	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX S 001	493	00 Floor	LKD	200	48%	No	49%	No
DX S 001	494	00 Floor	Bedroom	100	44%	No	46%	No
DX S 002	487	00 Floor	LKD	200	76%	Yes	76%	Yes
DX S 002	488	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX S 003	501	01 Floor	Bedroom	100	100%	Yes	100%	Yes
DX S 003	502	01 Floor	Bedroom	100	86%	Yes	86%	Yes
DX S 003	504	02 Floor	LKD	200	88%	Yes	88%	Yes
DX S 003	506	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX S 004	81	01 Floor	Bedroom	100	97%	Yes	97%	Yes
DX S 004	82	01 Floor	Bedroom	100	85%	Yes	86%	Yes
DX S 004	84	02 Floor	LKD	200	89%	Yes	89%	Yes
DX S 004	86	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX S 005	470	00 Floor	LKD	200	92%	Yes	93%	Yes
DX S 005	471	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX S 006	456	00 Floor	LKD	200	96%	Yes	96%	Yes
DX S 006	457	00 Floor	Bedroom	100	100%	Yes	100%	Yes
DX S 007	480	01 Floor	Bedroom	100	96%	Yes	96%	Yes
DX S 007	481	01 Floor	Bedroom	100	94%	Yes	94%	Yes
DX S 007	483	02 Floor	LKD	200	87%	Yes	88%	Yes
DX S 007	485	02 Floor	Bedroom	100	100%	Yes	100%	Yes
DX S 008	464	01 Floor	Bedroom	100	100%	Yes	100%	Yes
DX S 008	465	01 Floor	Bedroom	100	100%	Yes	100%	Yes
DX S 008	467	02 Floor	LKD	200	86%	Yes	87%	Yes
DX S 008	469	02 Floor	Bedroom	100	100%	Yes	100%	Yes
Total Meeting Criteria				Yes	94	98%	94	98%
				No	2	2%	2	2%
Total Rooms Analysed					96		96	

Table 11 Compensatory Measures for Non-Compliant Units

Location	Modelworks Room Number	Room Type	Unit Type	Unit Type Code	Unit Area Required	Unit area Achieved	Minimum Area + 10%	Unit Aspect	Dual Aspect	Ceiling Height	UNIT FLOOR AREA IN EXCESS OF MIN STANDARD	OUTDOOR SPACE IN EXCESS OF MIN STANDARD	DIRECT ACCESS TO COMMUNAL OPEN SPACE	OVERLOOKS COMMUNAL OPEN SPACE	OVERLOOKS PUBLIC OPEN SPACE	OWN DOOR ACCESS TO UNIT	FLOOR TO FLOOR OVER 3.15M	DUAL ASPECT ROOM	DUAL ASPECT UNIT	OVERLOOKS HIGH VALUE PUBLIC AMENITY	UNIT CONTAINS UNIVERSAL DESIGN FEATURES	
DAYLIGHT																						
Block E1																						
Level 01																						
BE1.0105	492	Bedroom	2 Bed (4p)	A2P	73	80.2	Y	NW/SE	YES	2.5	\			\					\		\	
BE1.0106	495 & 496	LKD & Bedroom	1 Bed	A1F	45	54	Y	NW	NO	2.5	\	\							\		\	
Level 02																						
BE1.0206	443	LKD	1 Bed	A1F	45	54	Y	NW	NO	2.5	\	\									\	
Block E2																						
Level 00																						
BE2.0005	409 & 410	LKD & Bedroom	1 Bed	A1E1	45	48.8	N	NW	NO	2.7	\	\	\	\			\					
Level 01																						
BE2.0101	484	LKD	2 Bed (4p)	A2M	73	80.2	N	NW	NO	2.5	\			\	\						\	
BE2.0102	487	LKD	2 Bed (4p)	A2N	73	80.7	Y	NW/SE	YES	2.5	\			\	\				\			
BE2.0108	479	LKD	1 Bed	A1E	45	48.8	N	NW	NO	2.5	\	\		\								
Level 02																						
BE2.0201	452	LKD	2 Bed (4p)	A2M	73	80.2	N	NW	NO	2.5	\			\	\						\	
BE2.0202	449	LKD	2 Bed (4p)	A2N	73	80.7	Y	NW/SE	YES	2.5	\			\	\				\			
Level 03																						
BE2.0302	521	LKD	2 Bed (4p)	A2N	73	80.7	Y	NW/SE	YES	2.5	\			\	\				\			
Block F1																						
Level 00																						
BF1.0002	434	LKD	1 Bed	A1G1	45	51.8	Y	S/E	YES	2.7	\	\	\	\			\	\		\		
BF1.0003	382	LKD	1 Bed	A1G3	45	51.8	Y	S	NO	2.7	\	\	\	\			\	\		\		
Level 01																						
BF1.0102	318	Bedroom	2 Bed (4p)	A2S	73	81.4	Y	N/S	YES	2.5	\	\							\		\	
BF1.0103	231	LKD	1 Bed	A1G2	45	51.7	Y	S/E	YES	2.5	\	\		\				\		\		
BF1.0104	225	LKD	1 Bed	A1G2	45	51.7	Y	S	NO	2.5	\	\		\					\		\	
BF1.0105	219	LKD	1 Bed	A1G2	45	51.7	Y	S	NO	2.5	\	\		\					\		\	
Level 02																						
BF1.0203	249	LKD	1 Bed	A1G2	45	51.8	Y	S/E	YES	2.5	\	\		\				\		\		
BF1.0204	243	LKD	1 Bed	A1G2	45	51.8	Y	S	NO	2.5	\	\		\					\		\	
BF1.0205	237	LKD	1 Bed	A1G2	45	51.8	Y	S	NO	2.5	\	\		\					\		\	
Block F2																						
Level 00																						
BF2.0001	133	Kitchen/Dining	Duplex (3b5p)	D3A	90	107.9	Y	E/W	YES	2.7	\	\	\	\		\	\	\	\	\	\	
BF2.0002	140	Kitchen/Dining	Duplex (3b5p)	D3A	90	108	Y	E/W	YES	2.7	\	\	\	\		\	\	\	\	\	\	
BF2.0003	147	Kitchen/Dining	Duplex (3b5p)	D3A	90	108	Y	E/W	YES	2.7	\	\	\	\		\	\	\	\	\	\	
BF2.0004	154	Kitchen/Dining	Duplex (3b5p)	D3A	90	108	Y	E/W	YES	2.7	\	\	\	\		\	\	\	\	\	\	
BF2.0005	161	Kitchen/Dining	Duplex (3b5p)	D3A	90	108	Y	E/W	YES	2.7	\	\	\	\		\	\	\	\	\	\	
Duplexes																						
122	493 & 494	LDK & Bedroom	Simplex (1b2p)	D1R1A	45	48.8	N	N/S	YES	2.8	\	\	\			\	\	\	\			

Appendix D – Sunlight Provision in New Development Detailed Results

Table 12 Block D Sunlight Provision Results

Unit. Ref.	Room No.	Floor	Type Use	Meets BRE Criteria With Trees			Meets BRE Criteria Without Trees		
				Sunlight Exposure (Hours)	Rating	Compliance	Sunlight Exposure (Hours)	Rating	Compliance
BD 001	311	00 Floor	LKD	0	Failed	Yes	0	Failed	Yes
BD 001	312	00 Floor	Bedroom	3.6	Medium		3.6	Medium	
BD 001	313	00 Floor	Bedroom	3.3	Medium		3.3	Medium	
BD 002	315	00 Floor	LKD	2.9	Minimum	Yes	2.9	Minimum	Yes
BD 002	314	00 Floor	Bedroom	0	Failed		0	Failed	
BD 002	316	00 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 003	318	00 Floor	LKD	8.6	High	Yes	9.3	High	Yes
BD 003	317	00 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 003	319	00 Floor	Bedroom	6	High		6.7	High	
BD 004	321	00 Floor	LKD	6.7	High	Yes	7.8	High	Yes
BD 004	320	00 Floor	Bedroom	5.7	High		6.7	High	
BD 004	322	00 Floor	Bedroom	1.5	Minimum		1.6	Minimum	
BD 005	349	01 Floor	LKD	0	Failed	Yes	0	Failed	Yes
BD 005	350	01 Floor	Bedroom	5.4	High		5.4	High	
BD 005	351	01 Floor	Bedroom	4.9	High		4.9	High	
BD 006	352	01 Floor	LKD	0	Failed	No	0	Failed	No
BD 006	353	01 Floor	Bedroom	0	Failed		0	Failed	
BD 007	354	01 Floor	LKD	0	Failed	No	0	Failed	No
BD 007	355	01 Floor	Bedroom	0	Failed		0	Failed	
BD 007	356	01 Floor	Bedroom	0	Failed		0	Failed	
BD 008	358	01 Floor	LKD	2.5	Minimum	Yes	2.5	Minimum	Yes
BD 008	357	01 Floor	Bedroom	0	Failed		0	Failed	
BD 008	359	01 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 009	361	01 Floor	LKD	3.1	Medium	Yes	3.1	Medium	Yes
BD 009	360	01 Floor	Bedroom	2.5	Minimum		2.5	Minimum	
BD 010	363	01 Floor	LKD	3.2	Medium	Yes	3.2	Medium	Yes
BD 010	362	01 Floor	Bedroom	2.5	Minimum		2.5	Minimum	
BD 011	365	01 Floor	LKD	9	High	Yes	9.2	High	Yes
BD 011	364	01 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 011	366	01 Floor	Bedroom	6.3	High		6.7	High	
BD 012	368	01 Floor	LKD	4.8	High	Yes	4.8	High	Yes
BD 012	367	01 Floor	Bedroom	5.9	High		6.7	High	
BD 012	369	01 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
BD 013	370	01 Floor	LKD	2.5	Minimum	Yes	2.5	Minimum	Yes
BD 013	371	01 Floor	Bedroom	1.4	Failed		1.4	Failed	
BD 014	372	01 Floor	LKD	2.7	Minimum	Yes	2.7	Minimum	Yes
BD 014	373	01 Floor	Bedroom	0	Failed		0	Failed	
BD 014	374	01 Floor	Bedroom	4.5	High		4.5	High	
BD 015	323	02 Floor	LKD	0	Failed	Yes	0	Failed	Yes
BD 015	326	02 Floor	Bedroom	5.8	High		5.8	High	
BD 015	327	02 Floor	Bedroom	5.3	High		5.3	High	
BD 016	324	02 Floor	LKD	0	Failed	No	0	Failed	No
BD 016	325	02 Floor	Bedroom	0	Failed		0	Failed	
BD 017	331	02 Floor	LKD	0	Failed	No	0	Failed	No
BD 017	332	02 Floor	Bedroom	0	Failed		0	Failed	
BD 017	333	02 Floor	Bedroom	0	Failed		0	Failed	
BD 018	335	02 Floor	LKD	2.5	Minimum	Yes	2.5	Minimum	Yes
BD 018	334	02 Floor	Bedroom	0	Failed		0	Failed	
BD 018	336	02 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 019	338	02 Floor	LKD	3.1	Medium	Yes	3.1	Medium	Yes
BD 019	337	02 Floor	Bedroom	2.5	Minimum		2.5	Minimum	

Unit. Ref.	Room No.	Floor	Type Use	Meets BRE Criteria With Trees			Meets BRE Criteria Without Trees		
				Sunlight Exposure (Hours)	Rating	Compliance	Sunlight Exposure (Hours)	Rating	Compliance
BD 020	340	02 Floor	LKD	3.2	Medium	Yes	3.2	Medium	Yes
BD 020	339	02 Floor	Bedroom	2.5	Minimum		2.5	Minimum	
BD 021	343	02 Floor	LKD	9.2	High	Yes	9.2	High	Yes
BD 021	341	02 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 021	342	02 Floor	Bedroom	6.6	High		6.7	High	
BD 022	346	02 Floor	LKD	4.8	High	Yes	4.8	High	Yes
BD 022	347	02 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
BD 022	348	02 Floor	Bedroom	6.7	High		6.7	High	
BD 023	345	02 Floor	LKD	2.5	Minimum	Yes	2.5	Minimum	Yes
BD 023	344	02 Floor	Bedroom	1.4	Failed		1.4	Failed	
BD 024	330	02 Floor	LKD	2.7	Minimum	Yes	2.7	Minimum	Yes
BD 024	328	02 Floor	Bedroom	4.7	High		4.7	High	
BD 024	329	02 Floor	Bedroom	0	Failed		0	Failed	
BD 025	375	03 Floor	LKD	0	Failed	Yes	0	Failed	Yes
BD 025	399	03 Floor	Bedroom	5.8	High		5.8	High	
BD 025	400	03 Floor	Bedroom	6.3	High		6.3	High	
BD 026	376	03 Floor	LKD	0	Failed	No	0	Failed	No
BD 026	377	03 Floor	Bedroom	0	Failed		0	Failed	
BD 027	378	03 Floor	LKD	0	Failed	No	0	Failed	No
BD 027	379	03 Floor	Bedroom	0	Failed		0	Failed	
BD 027	380	03 Floor	Bedroom	0	Failed		0	Failed	
BD 028	382	03 Floor	LKD	2.5	Minimum	Yes	2.5	Minimum	Yes
BD 028	381	03 Floor	Bedroom	0	Failed		0	Failed	
BD 028	383	03 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 029	385	03 Floor	LKD	3.1	Medium	Yes	3.1	Medium	Yes
BD 029	384	03 Floor	Bedroom	2.5	Minimum		2.5	Minimum	
BD 030	387	03 Floor	LKD	3.2	Medium	Yes	3.2	Medium	Yes
BD 030	386	03 Floor	Bedroom	2.5	Minimum		2.5	Minimum	
BD 031	389	03 Floor	LKD	9.2	High	Yes	9.2	High	Yes
BD 031	388	03 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 031	390	03 Floor	Bedroom	6.7	High		6.7	High	
BD 032	392	03 Floor	LKD	4.8	High	Yes	4.8	High	Yes
BD 032	391	03 Floor	Bedroom	6.7	High		6.7	High	
BD 032	393	03 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
BD 033	394	03 Floor	LKD	2.5	Minimum	Yes	2.5	Minimum	Yes
BD 033	395	03 Floor	Bedroom	1.4	Failed		1.4	Failed	
BD 034	396	03 Floor	LKD	2.7	Minimum	Yes	2.7	Minimum	Yes
BD 034	397	03 Floor	Bedroom	0	Failed		0	Failed	
BD 034	398	03 Floor	Bedroom	5.1	High		5.1	High	
BD 035	401	04 Floor	LKD	0	Failed	Yes	0	Failed	Yes
BD 035	404	04 Floor	Bedroom	6.4	High		6.4	High	
BD 035	405	04 Floor	Bedroom	5.9	High		5.9	High	
BD 036	402	04 Floor	LKD	0	Failed	No	0	Failed	No
BD 036	403	04 Floor	Bedroom	0	Failed		0	Failed	
BD 037	409	04 Floor	LKD	0	Failed	No	0	Failed	No
BD 037	410	04 Floor	Bedroom	0	Failed		0	Failed	
BD 037	411	04 Floor	Bedroom	0	Failed		0	Failed	
BD 038	413	04 Floor	LKD	2.5	Minimum	Yes	2.5	Minimum	Yes
BD 038	412	04 Floor	Bedroom	0	Failed		0	Failed	
BD 038	414	04 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 039	416	04 Floor	LKD	3.1	Medium	Yes	3.1	Medium	Yes
BD 039	415	04 Floor	Bedroom	2.5	Minimum		2.5	Minimum	
BD 040	418	04 Floor	LKD	3.2	Medium	Yes	3.2	Medium	Yes
BD 040	417	04 Floor	Bedroom	2.5	Minimum		2.5	Minimum	
BD 041	420	04 Floor	LKD	9.2	High	Yes	9.2	High	Yes
BD 041	419	04 Floor	Bedroom	3.8	Medium		3.8	Medium	

Unit. Ref.	Room No.	Floor	Type Use	Meets BRE Criteria With Trees			Meets BRE Criteria Without Trees		
				Sunlight Exposure (Hours)	Rating	Compliance	Sunlight Exposure (Hours)	Rating	Compliance
BD 041	421	04 Floor	Bedroom	6.7	High		6.7	High	
BD 042	423	04 Floor	LKD	4.8	High	Yes	4.8	High	Yes
BD 042	422	04 Floor	Bedroom	6.7	High		6.7	High	
BD 042	424	04 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
BD 043	425	04 Floor	LKD	2.5	Minimum	Yes	2.5	Minimum	Yes
BD 043	426	04 Floor	Bedroom	1.4	Failed		1.4	Failed	
BD 044	408	04 Floor	LKD	2.7	Minimum	Yes	2.7	Minimum	Yes
BD 044	406	04 Floor	Bedroom	5.3	High		5.3	High	
BD 044	407	04 Floor	Bedroom	0	Failed		0	Failed	
BD 045	427	05 Floor	LKD	0	Failed	No	0	Failed	No
BD 045	428	05 Floor	Bedroom	0	Failed		0	Failed	
BD 045	429	05 Floor	Bedroom	0	Failed		0	Failed	
BD 046	431	05 Floor	LKD	2.5	Minimum	Yes	2.5	Minimum	Yes
BD 046	430	05 Floor	Bedroom	0	Failed		0	Failed	
BD 046	432	05 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 047	434	05 Floor	LKD	3.2	Medium	Yes	3.2	Medium	Yes
BD 047	433	05 Floor	Bedroom	2.5	Minimum		2.5	Minimum	
BD 048	436	05 Floor	LKD	3.2	Medium	Yes	3.2	Medium	Yes
BD 048	435	05 Floor	Bedroom	2.5	Minimum		2.5	Minimum	
BD 049	438	05 Floor	LKD	9.3	High	Yes	9.3	High	Yes
BD 049	437	05 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 049	439	05 Floor	Bedroom	6.7	High		6.7	High	
BD 050	441	05 Floor	LKD	7.9	High	Yes	7.9	High	Yes
BD 050	440	05 Floor	Bedroom	6.7	High		6.7	High	
BD 050	442	05 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
BD 051	443	05 Floor	LKD	2.5	Minimum	Yes	2.5	Minimum	Yes
BD 051	444	05 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
BD 052	446	05 Floor	LKD	2.4	Minimum	Yes	2.4	Minimum	Yes
BD 052	445	05 Floor	Bedroom	1.4	Failed		1.4	Failed	
BD 053	447	06 Floor	LKD	2.1	Minimum	Yes	2.1	Minimum	Yes
BD 053	448	06 Floor	Bedroom	0	Failed		0	Failed	
BD 053	449	06 Floor	Bedroom	0	Failed		0	Failed	
BD 054	451	06 Floor	LKD	4.5	High	Yes	4.5	High	Yes
BD 054	450	06 Floor	Bedroom	0	Failed		0	Failed	
BD 054	452	06 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 055	454	06 Floor	LKD	4.6	High	Yes	4.6	High	Yes
BD 055	453	06 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 056	456	06 Floor	LKD	9.3	High	Yes	9.3	High	Yes
BD 056	455	06 Floor	Bedroom	3.8	Medium		3.8	Medium	
BD 057	458	06 Floor	LKD	2.9	Minimum	Yes	2.9	Minimum	Yes
BD 057	457	06 Floor	Bedroom	6.7	High		6.7	High	
BD 057	459	06 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
Total Units Assessed						57	Total Units Assessed		57
Units Compliant w/ Trees						48	Units Compliant w/o Trees		48
Units Compliant (%) w/ Trees						84%	Units Compliant (%) w/o Trees		84%

Table 13 Block E Sunlight Provision Results

Unit. Ref.	Room No.	Floor	Type Use	Meets BRE Criteria With Trees			Meets BRE Criteria Without Trees		
				Sunlight Exposure (Hours)	Rating	Compliance	Sunlight Exposure (Hours)	Rating	Compliance
BE 001	384	00 Floor	LKD	3	Medium	Yes	4.3	High	Yes
BE 001	385	00 Floor	Bedroom	0	Failed		0	Failed	
BE 001	386	00 Floor	Bedroom	3.1	Medium		4.4	High	
BE 002	388	00 Floor	LKD	4	Medium	Yes	4.8	High	Yes
BE 002	387	00 Floor	Bedroom	3	Medium		4.3	High	
BE 003	389	00 Floor	LKD	3.3	Medium	Yes	4.6	High	Yes
BE 003	406	00 Floor	Bedroom	4.4	High		5.4	High	
BE 004	408	00 Floor	LKD	2.6	Minimum	Yes	4.7	High	Yes
BE 004	407	00 Floor	Bedroom	3.6	Medium		4.4	High	
BE 005	414	00 Floor	LKD	4.4	High	Yes	6.9	High	Yes
BE 005	415	00 Floor	Bedroom	3.3	Medium		5.4	High	
BE 005	416	00 Floor	Bedroom	2.6	Minimum		5.4	High	
BE 006	411	00 Floor	LKD	2.9	Minimum	Yes	3.9	Medium	Yes
BE 006	412	00 Floor	Bedroom	2	Minimum		2.5	Minimum	
BE 006	413	00 Floor	Bedroom	1.8	Minimum		2.1	Minimum	
BE 007	409	00 Floor	LKD	1	Failed	No	1.1	Failed	No
BE 007	410	00 Floor	Bedroom	0	Failed		0	Failed	
BE 008	500	01 Floor	LKD	3	Medium	Yes	3.2	Medium	Yes
BE 008	499	01 Floor	Bedroom	4.4	High		4.4	High	
BE 008	501	01 Floor	Bedroom	0	Failed		0	Failed	
BE 009	498	01 Floor	LKD	3.9	Medium	Yes	3.9	Medium	Yes
BE 009	497	01 Floor	Bedroom	4.4	High		4.4	High	
BE 010	494	01 Floor	LKD	3.8	Medium	Yes	3.8	Medium	Yes
BE 010	493	01 Floor	Bedroom	4.4	High		4.4	High	
BE 011	490	01 Floor	LKD	3.2	Medium	Yes	3.2	Medium	Yes
BE 011	491	01 Floor	Bedroom	0	Failed		0	Failed	
BE 011	492	01 Floor	Bedroom	0	Failed		0	Failed	
BE 012	487	01 Floor	LKD	0.2	Failed	Yes	0.2	Failed	Yes
BE 012	488	01 Floor	Bedroom	5.1	High		5.1	High	
BE 012	489	01 Floor	Bedroom	3.8	Medium		3.8	Medium	
BE 013	486	01 Floor	LKD	3.5	Medium	Yes	3.5	Medium	Yes
BE 013	485	01 Floor	Bedroom	5.4	High		5.4	High	
BE 014	480	01 Floor	LKD	3.6	Medium	Yes	3.6	Medium	Yes
BE 014	481	01 Floor	Bedroom	4.4	High		4.4	High	
BE 015	476	01 Floor	LKD	3	Medium	Yes	3.8	Medium	Yes
BE 015	477	01 Floor	Bedroom	4.2	High		4.4	High	
BE 016	473	01 Floor	LKD	6	High	Yes	6.9	High	Yes
BE 016	474	01 Floor	Bedroom	4.6	High		5.4	High	
BE 016	475	01 Floor	Bedroom	4.9	High		5.4	High	
BE 017	470	01 Floor	LKD	2.1	Minimum	Yes	2.1	Minimum	Yes
BE 017	471	01 Floor	Bedroom	3.1	Medium		3.8	Medium	
BE 017	472	01 Floor	Bedroom	3.1	Medium		3.3	Medium	
BE 018	479	01 Floor	LKD	1.9	Minimum	Yes	1.9	Minimum	Yes
BE 018	478	01 Floor	Bedroom	0	Failed		0	Failed	
BE 019	484	01 Floor	LKD	0.8	Failed	No	0.8	Failed	No
BE 019	482	01 Floor	Bedroom	0	Failed		0	Failed	
BE 019	483	01 Floor	Bedroom	0	Failed		0	Failed	
BE 020	495	01 Floor	LKD	0.8	Failed	No	1.1	Failed	No
BE 020	496	01 Floor	Bedroom	0.3	Failed		0.3	Failed	
BE 021	503	01 Floor	LKD	0.8	Failed	No	0.8	Failed	No
BE 021	502	01 Floor	Bedroom	0	Failed		0	Failed	
BE 021	504	01 Floor	Bedroom	0	Failed		0	Failed	
BE 022	438	02 Floor	LKD	6.1	High	Yes	6.1	High	Yes
BE 022	437	02 Floor	Bedroom	0	Failed		0	Failed	

Unit. Ref.	Room No.	Floor	Type Use	Meets BRE Criteria With Trees			Meets BRE Criteria Without Trees		
				Sunlight Exposure (Hours)	Rating	Compliance	Sunlight Exposure (Hours)	Rating	Compliance
BE 022	439	02 Floor	Bedroom	4.4	High		4.4	High	
BE 023	440	02 Floor	LKD	3.9	Medium	Yes	3.9	Medium	Yes
BE 023	441	02 Floor	Bedroom	4.4	High		4.4	High	
BE 024	444	02 Floor	LKD	3.8	Medium	Yes	3.8	Medium	Yes
BE 024	445	02 Floor	Bedroom	4.4	High		4.4	High	
BE 025	448	02 Floor	LKD	3.2	Medium	Yes	3.2	Medium	Yes
BE 025	446	02 Floor	Bedroom	0	Failed		0	Failed	
BE 025	447	02 Floor	Bedroom	0	Failed		0	Failed	
BE 026	449	02 Floor	LKD	0.5	Failed	Yes	0.5	Failed	Yes
BE 026	450	02 Floor	Bedroom	5.1	High		5.1	High	
BE 026	451	02 Floor	Bedroom	3.8	Medium		3.8	Medium	
BE 027	453	02 Floor	LKD	3.5	Medium	Yes	3.5	Medium	Yes
BE 027	454	02 Floor	Bedroom	5.4	High		5.4	High	
BE 028	458	02 Floor	LKD	3.6	Medium	Yes	3.6	Medium	Yes
BE 028	457	02 Floor	Bedroom	4.4	High		4.4	High	
BE 029	460	02 Floor	LKD	3.8	Medium	Yes	3.8	Medium	Yes
BE 029	459	02 Floor	Bedroom	4.4	High		4.4	High	
BE 030	468	02 Floor	LKD	7.5	High	Yes	7.6	High	Yes
BE 030	466	02 Floor	Bedroom	5.4	High		5.4	High	
BE 030	467	02 Floor	Bedroom	4.1	High		4.1	High	
BE 031	463	02 Floor	LKD	3	Medium	Yes	3	Medium	Yes
BE 031	464	02 Floor	Bedroom	4.7	High		4.7	High	
BE 031	465	02 Floor	Bedroom	4	Medium		4.2	High	
BE 032	461	02 Floor	LKD	1.9	Minimum	Yes	1.9	Minimum	Yes
BE 032	462	02 Floor	Bedroom	0	Failed		0	Failed	
BE 033	452	02 Floor	LKD	1.2	Failed	No	1.2	Failed	No
BE 033	455	02 Floor	Bedroom	0	Failed		0	Failed	
BE 033	456	02 Floor	Bedroom	0	Failed		0	Failed	
BE 034	443	02 Floor	LKD	1.8	Minimum	Yes	1.8	Minimum	Yes
BE 034	442	02 Floor	Bedroom	0.4	Failed		0.4	Failed	
BE 035	417	02 Floor	LKD	0.8	Failed	No	0.8	Failed	No
BE 035	436	02 Floor	Bedroom	0	Failed		0	Failed	
BE 035	469	02 Floor	Bedroom	0	Failed		0	Failed	
BE 036	508	03 Floor	LKD	5.4	High	Yes	5.4	High	Yes
BE 036	507	03 Floor	Bedroom	0	Failed		0	Failed	
BE 036	509	03 Floor	Bedroom	4.4	High		4.4	High	
BE 037	510	03 Floor	LKD	3.9	Medium	Yes	3.9	Medium	Yes
BE 037	511	03 Floor	Bedroom	4.4	High		4.4	High	
BE 038	512	03 Floor	LKD	3.8	Medium	Yes	3.8	Medium	Yes
BE 038	513	03 Floor	Bedroom	4.4	High		4.4	High	
BE 039	519	03 Floor	LKD	3.2	Medium	Yes	3.2	Medium	Yes
BE 039	517	03 Floor	Bedroom	0	Failed		0	Failed	
BE 039	518	03 Floor	Bedroom	0	Failed		0	Failed	
BE 040	521	03 Floor	LKD	0.5	Failed	Yes	0.5	Failed	Yes
BE 040	520	03 Floor	Bedroom	5.1	High		5.1	High	
BE 040	522	03 Floor	Bedroom	3.8	Medium		3.8	Medium	
BE 041	524	03 Floor	LKD	3.5	Medium	Yes	3.5	Medium	Yes
BE 041	525	03 Floor	Bedroom	5.4	High		5.4	High	
BE 042	529	03 Floor	LKD	3.6	Medium	Yes	3.6	Medium	Yes
BE 042	528	03 Floor	Bedroom	4.4	High		4.4	High	
BE 043	531	03 Floor	LKD	3.8	Medium	Yes	3.8	Medium	Yes
BE 043	530	03 Floor	Bedroom	4.4	High		4.4	High	
BE 044	539	03 Floor	LKD	8.6	High	Yes	8.6	High	Yes
BE 044	537	03 Floor	Bedroom	5.4	High		5.4	High	
BE 044	538	03 Floor	Bedroom	4.1	High		4.1	High	
BE 045	534	03 Floor	LKD	3.2	Medium	Yes	3.2	Medium	Yes

Unit. Ref.	Room No.	Floor	Type Use	Meets BRE Criteria With Trees			Meets BRE Criteria Without Trees		
				Sunlight Exposure (Hours)	Rating	Compliance	Sunlight Exposure (Hours)	Rating	Compliance
BE 045	535	03 Floor	Bedroom	5.5	High		5.5	High	
BE 045	536	03 Floor	Bedroom	5.3	High		5.3	High	
BE 046	532	03 Floor	LKD	1.9	Minimum	Yes	1.9	Minimum	Yes
BE 046	533	03 Floor	Bedroom	0	Failed		0	Failed	
BE 047	523	03 Floor	LKD	1.2	Failed	No	1.2	Failed	No
BE 047	526	03 Floor	Bedroom	0	Failed		0	Failed	
BE 047	527	03 Floor	Bedroom	0	Failed		0	Failed	
BE 048	514	03 Floor	LKD	1.2	Failed	No	1.2	Failed	No
BE 048	515	03 Floor	Bedroom	0.4	Failed		0.4	Failed	
BE 049	505	03 Floor	LKD	0.8	Failed	No	0.8	Failed	No
BE 049	506	03 Floor	Bedroom	0	Failed		0	Failed	
BE 049	516	03 Floor	Bedroom	0	Failed		0	Failed	
BE 050	570	04 Floor	LKD	5.4	High	Yes	5.4	High	Yes
BE 050	569	04 Floor	Bedroom	5.4	High		5.4	High	
BE 050	571	04 Floor	Bedroom	0	Failed		0	Failed	
BE 051	568	04 Floor	LKD	6.2	High	Yes	6.2	High	Yes
BE 051	567	04 Floor	Bedroom	5.4	High		5.4	High	
BE 052	564	04 Floor	LKD	6.2	High	Yes	6.2	High	Yes
BE 052	563	04 Floor	Bedroom	5.4	High		5.4	High	
BE 053	562	04 Floor	LKD	6.2	High	Yes	6.2	High	Yes
BE 053	560	04 Floor	Bedroom	0	Failed		0	Failed	
BE 053	561	04 Floor	Bedroom	0	Failed		0	Failed	
BE 054	559	04 Floor	LKD	0.5	Failed	Yes	0.5	Failed	Yes
BE 054	557	04 Floor	Bedroom	3.8	Medium		3.8	Medium	
BE 054	558	04 Floor	Bedroom	5.4	High		5.4	High	
BE 055	553	04 Floor	LKD	5.4	High	Yes	5.4	High	Yes
BE 055	554	04 Floor	Bedroom	3.5	Medium		3.5	Medium	
BE 056	551	04 Floor	LKD	3.6	Medium	Yes	3.6	Medium	Yes
BE 056	552	04 Floor	Bedroom	4.4	High		4.4	High	
BE 057	546	04 Floor	LKD	3.8	Medium	Yes	3.8	Medium	Yes
BE 057	547	04 Floor	Bedroom	4.4	High		4.4	High	
BE 058	543	04 Floor	LKD	9.3	High	Yes	9.3	High	Yes
BE 058	544	04 Floor	Bedroom	4.1	High		4.1	High	
BE 058	545	04 Floor	Bedroom	5.4	High		5.4	High	
BE 059	540	04 Floor	LKD	3.2	Medium	Yes	3.2	Medium	Yes
BE 059	541	04 Floor	Bedroom	5.5	High		5.5	High	
BE 059	542	04 Floor	Bedroom	5.5	High		5.5	High	
BE 060	549	04 Floor	LKD	1.9	Minimum	Yes	1.9	Minimum	Yes
BE 060	548	04 Floor	Bedroom	0	Failed		0	Failed	
BE 061	555	04 Floor	LKD	0	Failed	No	0	Failed	No
BE 061	550	04 Floor	Bedroom	0	Failed		0	Failed	
BE 061	556	04 Floor	Bedroom	1.2	Failed		1.2	Failed	
BE 062	566	04 Floor	LKD	1.2	Failed	No	1.2	Failed	No
BE 062	565	04 Floor	Bedroom	0.4	Failed		0.4	Failed	
BE 063	573	04 Floor	LKD	0.8	Failed	No	0.8	Failed	No
BE 063	572	04 Floor	Bedroom	0	Failed		0	Failed	
BE 063	574	04 Floor	Bedroom	0	Failed		0	Failed	
BE 064	591	05 Floor	LKD	6	High	Yes	6	High	Yes
BE 064	590	05 Floor	Bedroom	5.4	High		5.4	High	
BE 065	588	05 Floor	LKD	3.6	Medium	Yes	3.6	Medium	Yes
BE 065	589	05 Floor	Bedroom	4.4	High		4.4	High	
BE 066	586	05 Floor	LKD	3.8	Medium	Yes	3.8	Medium	Yes
BE 066	587	05 Floor	Bedroom	4.4	High		4.4	High	
BE 067	583	05 Floor	LKD	9.3	High	Yes	9.3	High	Yes
BE 067	584	05 Floor	Bedroom	4.1	High		4.1	High	
BE 067	585	05 Floor	Bedroom	5.4	High		5.4	High	

Unit. Ref.	Room No.	Floor	Type Use	Meets BRE Criteria With Trees			Meets BRE Criteria Without Trees		
				Sunlight Exposure (Hours)	Rating	Compliance	Sunlight Exposure (Hours)	Rating	Compliance
BE 068	580	05 Floor	LKD	3.2	Medium	Yes	3.2	Medium	Yes
BE 068	581	05 Floor	Bedroom	5.5	High		5.5	High	
BE 068	582	05 Floor	Bedroom	5.5	High		5.5	High	
BE 069	578	05 Floor	LKD	1.9	Minimum	Yes	1.9	Minimum	Yes
BE 069	579	05 Floor	Bedroom	0	Failed		0	Failed	
BE 070	575	05 Floor	LKD	1.2	Failed	No	1.2	Failed	No
BE 070	576	05 Floor	Bedroom	0	Failed		0	Failed	
BE 070	577	05 Floor	Bedroom	0	Failed		0	Failed	
BE 071	608	06 Floor	LKD	5.4	High	Yes	5.4	High	Yes
BE 071	607	06 Floor	Bedroom	5.4	High		5.4	High	
BE 072	605	06 Floor	LKD	6.1	High	Yes	6.1	High	Yes
BE 072	606	06 Floor	Bedroom	5.4	High		5.4	High	
BE 073	603	06 Floor	LKD	6.1	High	Yes	6.1	High	Yes
BE 073	604	06 Floor	Bedroom	5.4	High		5.4	High	
BE 074	600	06 Floor	LKD	9.4	High	Yes	9.4	High	Yes
BE 074	601	06 Floor	Bedroom	5.4	High		5.4	High	
BE 074	602	06 Floor	Bedroom	5.4	High		5.4	High	
BE 075	597	06 Floor	LKD	6.1	High	Yes	6.1	High	Yes
BE 075	598	06 Floor	Bedroom	5.5	High		5.5	High	
BE 075	599	06 Floor	Bedroom	5.5	High		5.5	High	
BE 076	595	06 Floor	LKD	1.9	Minimum	Yes	1.9	Minimum	Yes
BE 076	596	06 Floor	Bedroom	0	Failed		0	Failed	
BE 077	592	06 Floor	LKD	1.2	Failed	No	1.2	Failed	No
BE 077	593	06 Floor	Bedroom	0	Failed		0	Failed	
BE 077	594	06 Floor	Bedroom	0	Failed		0	Failed	
Total Units Assessed						77	Total Units Assessed		77
Units Compliant w/ Trees						63	Units Compliant w/o Trees		63
Units Compliant (%) w/ Trees						82%	Units Compliant (%) w/o Trees		82%

Table 14 Block F Sunlight Provision Results

Unit. Ref.	Room No.	Floor	Type Use	Meets BRE Criteria With Trees			Meets BRE Criteria Without Trees		
				Sunlight Exposure (Hours)	Rating	Compliance	Sunlight Exposure (Hours)	Rating	Compliance
BF 001	390	00 Floor	LKD	0	Failed	No	0	Failed	No
BF 001	391	00 Floor	Bedroom	0	Failed		0	Failed	
BF 001	392	00 Floor	Bedroom	0	Failed		0	Failed	
BF 002	434	00 Floor	LKD	1.6	Minimum	Yes	2.3	Minimum	Yes
BF 002	430	00 Floor	Bedroom	1.8	Minimum		2.4	Minimum	
BF 003	382	00 Floor	LKD	2.5	Minimum	Yes	2.5	Minimum	Yes
BF 003	378	00 Floor	Bedroom	2.6	Minimum		2.6	Minimum	
BF 004	162	00 Floor	Living Room	1.8	Minimum	Yes	2	Minimum	Yes
BF 004	161	00 Floor	Kitchen/Dining	0.6	Failed		0.6	Failed	
BF 004	200	01 Floor	Bedroom	1.5	Minimum		1.9	Minimum	
BF 004	201	01 Floor	Bedroom	1.1	Failed		1.1	Failed	
BF 004	202	01 Floor	Bedroom	0.6	Failed		0.6	Failed	
BF 005	155	00 Floor	Living Room	2.1	Minimum	Yes	2.3	Minimum	Yes
BF 005	154	00 Floor	Kitchen/Dining	0.3	Failed		0.3	Failed	
BF 005	193	01 Floor	Bedroom	1.9	Minimum		1.9	Minimum	
BF 005	194	01 Floor	Bedroom	0.6	Failed		0.6	Failed	

Unit. Ref.	Room No.	Floor	Type Use	Meets BRE Criteria With Trees			Meets BRE Criteria Without Trees		
				Sunlight Exposure (Hours)	Rating	Compliance	Sunlight Exposure (Hours)	Rating	Compliance
BF 005	195	01 Floor	Bedroom	0.1	Failed		0.1	Failed	
BF 006	148	00 Floor	Living Room	1.4	Failed	No	1.9	Minimum	Yes
BF 006	147	00 Floor	Kitchen/Dining	0.4	Failed		0.4	Failed	
BF 006	186	01 Floor	Bedroom	1.4	Failed		1.9	Minimum	
BF 006	187	01 Floor	Bedroom	0.3	Failed		0.3	Failed	
BF 006	188	01 Floor	Bedroom	0.2	Failed		0.2	Failed	
BF 007	141	00 Floor	Living Room	2	Minimum	Yes	2	Minimum	Yes
BF 007	140	00 Floor	Kitchen/Dining	0.9	Failed		1.1	Failed	
BF 007	179	01 Floor	Bedroom	1.8	Minimum		1.8	Minimum	
BF 007	180	01 Floor	Bedroom	0.6	Failed		0.6	Failed	
BF 007	181	01 Floor	Bedroom	0.8	Failed		0.8	Failed	
BF 008	134	00 Floor	Living Room	1.2	Failed	Yes	1.8	Minimum	Yes
BF 008	133	00 Floor	Kitchen/Dining	1.7	Minimum		1.9	Minimum	
BF 008	172	01 Floor	Bedroom	1.2	Failed		1.4	Failed	
BF 008	173	01 Floor	Bedroom	1.5	Minimum		1.5	Minimum	
BF 008	174	01 Floor	Bedroom	1.8	Minimum		1.8	Minimum	
BF 009	338	01 Floor	LKD	0	Failed	No	0	Failed	No
BF 009	339	01 Floor	Bedroom	0	Failed		0	Failed	
BF 009	340	01 Floor	Bedroom	0	Failed		0	Failed	
BF 010	319	01 Floor	LKD	0	Failed	No	0	Failed	No
BF 010	317	01 Floor	Bedroom	0	Failed		0	Failed	
BF 010	318	01 Floor	Bedroom	0.6	Failed		0.6	Failed	
BF 011	231	01 Floor	LKD	2.4	Minimum	Yes	2.9	Minimum	Yes
BF 011	227	01 Floor	Bedroom	2.9	Minimum		3.2	Medium	
BF 012	225	01 Floor	LKD	2.2	Minimum	Yes	2.2	Minimum	Yes
BF 012	221	01 Floor	Bedroom	3.6	Medium		3.6	Medium	
BF 013	219	01 Floor	LKD	1.4	Failed	Yes	1.4	Failed	Yes
BF 013	215	01 Floor	Bedroom	2.5	Minimum		2.5	Minimum	
BF 014	203	01 Floor	LKD	2.6	Minimum	Yes	2.6	Minimum	Yes
BF 014	207	01 Floor	Bedroom	1.7	Minimum		1.9	Minimum	
BF 015	213	01 Floor	LKD	2.2	Minimum	Yes	2.6	Minimum	Yes
BF 015	209	01 Floor	Bedroom	1.4	Failed		1.4	Failed	
BF 016	348	02 Floor	LKD	0	Failed	No	0	Failed	No
BF 016	349	02 Floor	Bedroom	0	Failed		0	Failed	
BF 016	350	02 Floor	Bedroom	0	Failed		0	Failed	
BF 017	328	02 Floor	LKD	0	Failed	Yes	0	Failed	Yes
BF 017	326	02 Floor	Bedroom	0	Failed		0	Failed	
BF 017	327	02 Floor	Bedroom	2	Minimum		2	Minimum	
BF 018	249	02 Floor	LKD	3.4	Medium	Yes	3.4	Medium	Yes
BF 018	245	02 Floor	Bedroom	4.3	High		4.3	High	
BF 019	243	02 Floor	LKD	3.5	Medium	Yes	3.5	Medium	Yes
BF 019	239	02 Floor	Bedroom	4.6	High		4.6	High	
BF 020	237	02 Floor	LKD	2.1	Minimum	Yes	2.1	Minimum	Yes
BF 020	233	02 Floor	Bedroom	2.9	Minimum		2.9	Minimum	
BF 021	291	02 Floor	LKD	1.4	Failed	Yes	1.4	Failed	Yes
BF 021	287	02 Floor	Bedroom	2.6	Minimum		2.6	Minimum	
BF 022	309	02 Floor	LKD	2.5	Minimum	Yes	2.6	Minimum	Yes
BF 022	305	02 Floor	Bedroom	1.4	Failed		1.4	Failed	
BF 023	410	03 Floor	LKD	5.1	High	Yes	5.1	High	Yes
BF 023	384	02 Floor	Bedroom	1.3	Failed		1.4	Failed	
BF 023	385	02 Floor	Bedroom	1.4	Failed		1.4	Failed	
BF 024	411	03 Floor	LKD	3.8	Medium	Yes	3.8	Medium	Yes
BF 024	386	02 Floor	Bedroom	1.4	Failed		1.4	Failed	
BF 024	387	02 Floor	Bedroom	1.4	Failed		1.4	Failed	
BF 025	412	03 Floor	LKD	3.4	Medium	Yes	3.4	Medium	Yes
BF 025	388	02 Floor	Bedroom	1.4	Failed		1.4	Failed	

Unit. Ref.	Room No.	Floor	Type Use	Meets BRE Criteria With Trees			Meets BRE Criteria Without Trees		
				Sunlight Exposure (Hours)	Rating	Compliance	Sunlight Exposure (Hours)	Rating	Compliance
BF 025	389	02 Floor	Bedroom	1.3	Failed		1.4	Failed	
BF 026	413	03 Floor	LKD	2.8	Minimum	Yes	2.8	Minimum	Yes
BF 026	406	02 Floor	Bedroom	1.4	Failed		1.4	Failed	
BF 026	407	02 Floor	Bedroom	1.4	Failed		1.4	Failed	
BF 027	414	03 Floor	LKD	7.3	High	Yes	7.3	High	Yes
BF 027	408	02 Floor	Bedroom	1.4	Failed		1.4	Failed	
BF 027	409	02 Floor	Bedroom	1.9	Minimum		1.9	Minimum	
BF 028	358	03 Floor	LKD	0	Failed	No	0	Failed	No
BF 028	359	03 Floor	Bedroom	0	Failed		0	Failed	
BF 028	360	03 Floor	Bedroom	0	Failed		0	Failed	
BF 029	337	03 Floor	LKD	0	Failed	Yes	0	Failed	Yes
BF 029	335	03 Floor	Bedroom	0	Failed		0	Failed	
BF 029	336	03 Floor	Bedroom	3.6	Medium		3.6	Medium	
BF 030	267	03 Floor	LKD	5.4	High	Yes	5.4	High	Yes
BF 030	263	03 Floor	Bedroom	5.5	High		5.5	High	
BF 031	261	03 Floor	LKD	4.5	High	Yes	4.5	High	Yes
BF 031	257	03 Floor	Bedroom	5.6	High		5.6	High	
BF 032	255	03 Floor	LKD	3.7	Medium	Yes	3.7	Medium	Yes
BF 032	251	03 Floor	Bedroom	3.2	Medium		3.2	Medium	
BF 033	303	03 Floor	LKD	1.9	Minimum	Yes	1.9	Minimum	Yes
BF 033	299	03 Floor	Bedroom	2.6	Minimum		2.6	Minimum	
BF 034	428	03 Floor	LKD	2.6	Minimum	Yes	2.6	Minimum	Yes
BF 034	424	03 Floor	Bedroom	1.9	Minimum		1.9	Minimum	
BF 035	368	04 Floor	LKD	1.3	Failed	No	1.3	Failed	No
BF 035	369	04 Floor	Bedroom	0	Failed		0	Failed	
BF 035	370	04 Floor	Bedroom	0	Failed		0	Failed	
BF 036	422	04 Floor	LKD	0	Failed	No	0	Failed	No
BF 036	418	04 Floor	Bedroom	0	Failed		0	Failed	
BF 037	404	04 Floor	LKD	8.8	High	Yes	8.8	High	Yes
BF 037	400	04 Floor	Bedroom	7	High		7	High	
BF 038	279	04 Floor	LKD	8	High	Yes	8	High	Yes
BF 038	275	04 Floor	Bedroom	7	High		7	High	
BF 039	415	04 Floor	LKD	8	High	Yes	8	High	Yes
BF 039	416	04 Floor	Bedroom	7.5	High		7.5	High	
BF 039	417	04 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
Total Units Assessed						39	Total Units Assessed		39
Units Compliant w/ Trees						31	Units Compliant w/o Trees		32
Units Compliant (%) w/ Trees						79%	Units Compliant (%) w/o Trees		82%

Table 15 Duplex Sunlight Provision Results

Unit. Ref.	Room No.	Floor	Type Use	Meets BRE Criteria With Trees			Meets BRE Criteria Without Trees		
				Sunlight Exposure (Hours)	Rating	Compliance	Sunlight Exposure (Hours)	Rating	Compliance
DX E 001	609	00 Floor	LKD	3.6	Medium	Yes	3.6	Medium	Yes
DX E 001	610	00 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
DX E 002	586	00 Floor	LKD	3.6	Medium	Yes	3.6	Medium	Yes
DX E 002	587	00 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
DX E 003	620	02 Floor	LKD	4.1	High	Yes	4.1	High	Yes
DX E 003	617	01 Floor	Bedroom	1.7	Minimum		1.7	Minimum	
DX E 003	618	01 Floor	Bedroom	1.5	Minimum		1.5	Minimum	

Unit. Ref.	Room No.	Floor	Type Use	Meets BRE Criteria With Trees			Meets BRE Criteria Without Trees		
				Sunlight Exposure (Hours)	Rating	Compliance	Sunlight Exposure (Hours)	Rating	Compliance
DX E 003	622	02 Floor	Bedroom	3.6	Medium		3.6	Medium	
DX E 004	596	03 Floor	LKD	4.2	High	Yes	4.2	High	Yes
DX E 004	593	01 Floor	Bedroom	2.7	Minimum		2.7	Minimum	
DX E 004	594	01 Floor	Bedroom	1.5	Minimum		1.5	Minimum	
DX E 004	602	03 Floor	Bedroom	3.3	Medium		3.3	Medium	
DX E 005	735	00 Floor	LKD	3.1	Medium	Yes	3.1	Medium	Yes
DX E 005	734	00 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
DX E 006	736	00 Floor	LKD	3.1	Medium	Yes	3.1	Medium	Yes
DX E 006	737	00 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
DX E 007	751	02 Floor	LKD	0	Failed	Yes	0	Failed	Yes
DX E 007	742	01 Floor	Bedroom	2.2	Minimum		2.2	Minimum	
DX E 007	743	01 Floor	Bedroom	4.2	High		4.2	High	
DX E 007	750	02 Floor	Bedroom	2.2	Minimum		2.2	Minimum	
DX E 008	752	02 Floor	LKD	3.9	Medium	Yes	3.9	Medium	Yes
DX E 008	744	01 Floor	Bedroom	0.8	Failed		0.8	Failed	
DX E 008	745	01 Floor	Bedroom	3.3	Medium		3.3	Medium	
DX E 008	753	02 Floor	Bedroom	3.3	Medium		3.3	Medium	
DX E 009	739	00 Floor	LKD	2.6	Minimum	Yes	2.6	Minimum	Yes
DX E 009	738	00 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
DX E 010	740	00 Floor	LKD	0.7	Failed	No	0.7	Failed	No
DX E 010	741	00 Floor	Bedroom	0	Failed		0	Failed	
DX E 011	755	02 Floor	LKD	0	Failed	Yes	0	Failed	Yes
DX E 011	746	01 Floor	Bedroom	2.3	Minimum		2.3	Minimum	
DX E 011	747	01 Floor	Bedroom	4.1	High		4.1	High	
DX E 011	754	02 Floor	Bedroom	2.3	Minimum		2.3	Minimum	
DX E 012	756	02 Floor	LKD	0	Failed	Yes	0	Failed	Yes
DX E 012	748	01 Floor	Bedroom	4	Medium		4	Medium	
DX E 012	749	01 Floor	Bedroom	3	Medium		3	Medium	
DX E 012	757	02 Floor	Bedroom	3	Medium		3	Medium	
DX E 013	711	00 Floor	LKD	3.5	Medium	Yes	4.8	High	Yes
DX E 013	710	00 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
DX E 014	712	00 Floor	LKD	4.8	High	Yes	4.8	High	Yes
DX E 014	713	00 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
DX E 015	727	02 Floor	LKD	4.6	High	Yes	4.6	High	Yes
DX E 015	718	01 Floor	Bedroom	2.6	Minimum		2.6	Minimum	
DX E 015	719	01 Floor	Bedroom	2.1	Minimum		2.6	Minimum	
DX E 015	726	02 Floor	Bedroom	3.8	Medium		3.8	Medium	
DX E 016	728	02 Floor	LKD	4.6	High	Yes	4.6	High	Yes
DX E 016	720	01 Floor	Bedroom	2.6	Minimum		2.6	Minimum	
DX E 016	721	01 Floor	Bedroom	3.5	Medium		3.8	Medium	
DX E 016	729	02 Floor	Bedroom	3.8	Medium		3.8	Medium	
DX E 017	715	00 Floor	LKD	5.4	High	Yes	5.4	High	Yes
DX E 017	714	00 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
DX E 018	716	00 Floor	LKD	4.9	High	Yes	4.9	High	Yes
DX E 018	717	00 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
DX E 019	731	02 Floor	LKD	4.6	High	Yes	4.6	High	Yes
DX E 019	722	01 Floor	Bedroom	2.4	Minimum		2.6	Minimum	
DX E 019	723	01 Floor	Bedroom	2.6	Minimum		2.6	Minimum	
DX E 019	730	02 Floor	Bedroom	3.7	Medium		3.8	Medium	
DX E 020	732	02 Floor	LKD	4.6	High	Yes	4.6	High	Yes
DX E 020	724	01 Floor	Bedroom	2.6	Minimum		2.6	Minimum	
DX E 020	725	01 Floor	Bedroom	3.5	Medium		3.5	Medium	
DX E 020	733	02 Floor	Bedroom	3.8	Medium		3.8	Medium	
DX N 001	46	00 Floor	LKD	4.6	High	Yes	4.6	High	Yes
DX N 001	51	00 Floor	Bedroom	2.8	Minimum		3	Medium	
DX N 002	26	00 Floor	LKD	4.5	High	Yes	4.5	High	Yes

Unit. Ref.	Room No.	Floor	Type Use	Meets BRE Criteria With Trees			Meets BRE Criteria Without Trees		
				Sunlight Exposure (Hours)	Rating	Compliance	Sunlight Exposure (Hours)	Rating	Compliance
DX N 002	30	00 Floor	Bedroom	2.2	Minimum		2.2	Minimum	
DX N 003	56	01 Floor	Living Room	3.1	Medium	Yes	3.1	Medium	Yes
DX N 003	52	01 Floor	Kitchen/Dining	4.3	High		4.3	High	
DX N 003	57	02 Floor	Bedroom	4.1	High		4.1	High	
DX N 003	58	02 Floor	Bedroom	1.9	Minimum		1.9	Minimum	
DX N 004	33	01 Floor	Living Room	3.1	Medium	Yes	3.1	Medium	Yes
DX N 004	32	01 Floor	Kitchen/Dining	4.3	High		4.3	High	
DX N 004	38	02 Floor	Bedroom	4.1	High		4.1	High	
DX N 004	39	02 Floor	Bedroom	1.9	Minimum		1.9	Minimum	
DX S 001	493	00 Floor	LKD	3.1	Medium	Yes	3.1	Medium	Yes
DX S 001	494	00 Floor	Bedroom	0	Failed		0	Failed	
DX S 002	487	00 Floor	LKD	2.5	Minimum	Yes	2.5	Minimum	Yes
DX S 002	488	00 Floor	Bedroom	0	Failed		0	Failed	
DX S 003	504	02 Floor	LKD	7	High	Yes	7	High	Yes
DX S 003	501	01 Floor	Bedroom	6.7	High		7	High	
DX S 003	502	01 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
DX S 003	506	02 Floor	Bedroom	5.8	High		5.8	High	
DX S 004	84	02 Floor	LKD	7.5	High	Yes	7.5	High	Yes
DX S 004	81	01 Floor	Bedroom	1.6	Minimum		1.6	Minimum	
DX S 004	82	01 Floor	Bedroom	1.1	Failed		1.1	Failed	
DX S 004	86	02 Floor	Bedroom	6.4	High		6.4	High	
DX S 005	470	00 Floor	LKD	0.6	Failed	No	0.6	Failed	No
DX S 005	471	00 Floor	Bedroom	0	Failed		0	Failed	
DX S 006	456	00 Floor	LKD	0.9	Failed	No	0.9	Failed	No
DX S 006	457	00 Floor	Bedroom	0	Failed		0	Failed	
DX S 007	483	02 Floor	LKD	8.1	High	Yes	8.1	High	Yes
DX S 007	480	01 Floor	Bedroom	4.6	High		4.6	High	
DX S 007	481	01 Floor	Bedroom	2	Minimum		2	Minimum	
DX S 007	485	02 Floor	Bedroom	6.6	High		6.6	High	
DX S 008	467	02 Floor	LKD	8.1	High	Yes	8.1	High	Yes
DX S 008	464	01 Floor	Bedroom	4.5	High		4.5	High	
DX S 008	465	01 Floor	Bedroom	2.9	Minimum		2.9	Minimum	
DX S 008	469	02 Floor	Bedroom	6.6	High		6.6	High	
Total Units Assessed						32	Total Units Assessed		32
Units Compliant w/ Trees						29	Units Compliant w/o Trees		29
Units Compliant (%) w/ Trees						91%	Units Compliant (%) w/o Trees		91%

Table 16 Compensatory Measures for Non-Compliant Units

Location	Model/works Room Number	Room Type	Unit Type	Unit Type Code	Unit Area Required	Unit area Achieved	Minimum Area +10%	Unit Aspect	Dual Aspect	Ceiling Height	UNIT FLOOR AREA IN EXCESS OF MIN STANDARD	OUTDOOR SPACE IN EXCESS OF MIN STANDARD	DIRECT ACCESS TO COMMUNAL OPEN SPACE	OVERLOOKS COMMUNAL OPEN SPACE	OVERLOOKS PUBLIC OPEN SPACE	OWN DOOR ACCESS TO UNIT	FLOOR TO FLOOR OVER 3.15M	DUAL ASPECT ROOM	DUAL ASPECT UNIT	OVERLOOKS HIGH VALUE PUBLIC AMENITY	UNIT CONTAINS UNIVERSAL DESIGN FEATURES	
SUNLIGHT																						
Block D																						
Level 00																						
BD.0001	311	LKD	2 Bed (4p)	A2C1	73	79.1	N	N/S	YES	2.7												
BD.0002	314	Bedroom	2 Bed (4p)	A2A3	73	80.4	Y	N/E	YES	2.7												
Level 01																						
BD.0101	373	Bedroom	2 Bed (4p)	A2D1	73	82.7	Y	S/W	YES	2.5												
BD.0102	349	LKD	2 Bed (4p)	A2C2	73	79.1	N	N/S	YES	2.5												
BD.0103	352 & 353	LKD & Bedroom	1 Bed	A1B1	45	46.8	N	N	NO	2.5												
BD.0104	354, 355, 356	LKD & Bed (2)	2 Bed (3p)	A2E1	63	65	N	N	NO	2.5												
BD.0105	357	Bedroom	2 Bed (4p)	A2A3	73	80.4	Y	N/E	YES	2.5												
BD.0110	371	Bedroom	1 Bed	A1A2	45	47.7	N	W	NO	2.5												
Level 02																						
BD.0201	329	Bedroom	2 Bed (4p)	A2D1	73	82.7	Y	S/W	YES	2.5												
BD.0202	323	LKD	2 Bed (4p)	A2C2	73	79.1	N	N/S	YES	2.5												
BD.0203	324 & 325	LKD & Bedroom	1 Bed	A1B1	45	46.8	N	N	NO	2.5												
BD.0204	331, 332, 333	LKD & Bed (2)	2 Bed (3p)	A2E1	63	65	N	N	NO	2.5												
BD.0205	334	Bedroom	2 Bed (4p)	A2A3	73	80.4	Y	N/E	YES	2.5												
BD.0210	344	Bedroom	1 Bed	A1A2	45	47.7	N	W	NO	2.5												
Level 03																						
BD.0301	397	Bedroom	2 Bed (4p)	A2D1	73	82.7	Y	S/W	YES	2.5												
BD.0302	375	LKD	2 Bed (4p)	A2C2	73	79.1	N	N/S	YES	2.5												
BD.0303	376 & 377	LKD & Bedroom	1 Bed	A1B1	45	46.8	N	N	NO	2.5												
BD.0304	378, 379, 380	LKD & Bed (2)	2 Bed (3p)	A2E1	63	65	N	N	NO	2.5												
BD.0305	381	Bedroom	2 Bed (4p)	A2A3	73	80.4	Y	N/E	YES	2.5												
BD.0310	395	Bedroom	1 Bed	A1A2	45	47.7	N	W	NO	2.5												
Level 04																						
BD.0401	407	Bedroom	2 Bed (4p)	A2D1	73	82.7	Y	S/W	YES	2.5												
BD.0402	401	LKD	2 Bed (4p)	A2C2	73	79.1	N	N/S	YES	2.5												
BD.0403	402 & 403	LKD & Bedroom	1 Bed	A1B1	45	46.8	N	N	NO	2.5												
BD.0404	409, 410, 411	LKD & Bed (2)	2 Bed (3p)	A2E1	63	65	N	N	NO	2.5												
BD.0405	412	Bedroom	2 Bed (4p)	A2A3	73	80.4	Y	N/E	YES	2.5												
BD.0410	426	Bedroom	1 Bed	A1A2	45	47.7	N	W	NO	2.5												
Level 05																						
BD.0501	445	Bedroom	1 Bed	A1C	45	45.3	N	W	NO	2.5												
BD.0502	427, 428, 429	LKD & Bed (2)	2 Bed (3p)	A2E1	63	65	N	N	NO	2.5												
BD.0503	430	Bedroom	2 Bed (4p)	A2A3	73	80.4	Y	N/E	YES	2.5												
Level 06																						
BD.0602	448 & 449	Bedroom (2)	2 Bed (3p)	A2E1	63	65	N	N	NO	2.5												
BD.0603	450	Bedroom	2 Bed (4p)	A2A3	73	80.4	Y	N/E	YES	2.5												

Location	Modelworks Room Number	Room Type	Unit Type	Unit Type Code	Unit Area Required	Unit area Achieved	Minimum Area +10%	Unit Aspect	Dual Aspect	Ceiling Height	UNIT FLOOR AREA IN EXCESS OF MIN STANDARD	OUTDOOR SPACE IN EXCESS OF MIN STANDARD	DIRECT ACCESS TO COMMUNAL OPEN SPACE	OVERLOOKS COMMUNAL OPEN SPACE	OVERLOOKS PUBLIC OPEN SPACE	OWN DOOR ACCESS TO UNIT	FLOOR TO FLOOR OVER 3.15M	DUAL ASPECT ROOM	DUAL ASPECT UNIT	OVERLOOKS HIGH VALUE PUBLIC AMENITY	UNIT CONTAINS UNIVERSAL DESIGN FEATURES
Block E1																					
Level 00																					
BE1.0001	385	Bedroom	2 Bed (4p)	A2G1	73	81.7	Y	NE/SE	YES	2.7	\	\			\		\		\		
Level 01																					
BE1.0101	502, 503, 504	LKD & Bed (2)	2 Bed (4p)	A2K	73	80.4	Y	NW/NE	YES	2.5	\	\			\		\		\		
BE1.0102	501	Bedroom	2 Bed (4p)	A2G2	73	81.7	Y	NE/SE	YES	2.5	\	\			\		\		\		
BE1.0105	491 & 492	Bedroom (2)	2 Bed (4p)	A2P	73	80.2	N	NW/SE	YES	2.5	\	\		\	\		\		\		
BE1.0106	495 & 496	LKD & Bedroom	1 Bed	A1F	45	54	Y	NW	NO	2.5	\	\			\		\		\		
Level 02																					
BE1.0201	417, 436, 469	LKD & Bed (2)	2 Bed (4p)	A2K	73	80.4	Y	NW/NE	YES	2.5	\	\			\		\		\		
BE1.0202	437	Bedroom	2 Bed (4p)	A2G2	73	81.7	Y	NE/SE	YES	2.5	\	\			\		\		\		
BE1.0205	446 & 447	Bedroom (2)	2 Bed (4p)	A2P	73	80.2	N	NW/SE	YES	2.5	\	\		\	\		\		\		
BE1.0206	442	Bedroom	1 Bed	A1F	45	54	Y	NW	NO	2.5	\	\			\		\		\		
Level 03																					
BE1.0301	505, 506, 516	LKD & Bed (2)	2 Bed (4p)	A2K	73	80.4	Y	NW/NE	YES	2.5	\	\			\		\		\		
BE1.0302	507	Bedroom	2 Bed (4p)	A2G3	73	81.7	Y	NE/SE	YES	2.5	\	\			\		\		\		
BE1.0305	517 & 518	Bedroom (2)	2 Bed (4p)	A2P	73	80.2	N	NW/SE	YES	2.5	\	\		\	\		\		\		
BE1.0306	514 & 515	LKD & Bedroom	1 Bed	A1F	45	54	Y	NW	NO	2.5	\	\			\		\		\		
Level 04																					
BE1.0401	572, 573, 574	LKD & Bed (2)	2 Bed (4p)	A2K	73	80.4	Y	NW/NE	YES	2.5	\	\			\		\		\		
BE1.0402	571	Bedroom	2 Bed (4p)	A2G3	73	81.7	Y	NE/SE	YES	2.5	\	\			\		\		\		
BE1.0405	560 & 561	Bedroom (2)	2 Bed (4p)	A2P	73	80.2	N	NW/SE	YES	2.5	\	\		\	\		\		\		
BE1.0406	566 & 565	LKD & Bedroom	1 Bed	A1F	45	54	Y	NW	NO	2.5	\	\			\		\		\		
Block E2																					
Level 00																					
BE2.0005	409 & 410	LKD & Bedroom	1 Bed	A1E1	45	48.8	N	NW	NO	2.7	\	\		\			\		\		
Level 01																					
BE2.0101	484, 482, 483	LKD & Bed (2)	2 Bed (4p)	A2M	73	80.2	N	NW	NO	2.5	\	\		\	\		\		\		
BE2.0102	487	LKD	2 Bed (4p)	A2N	73	80.7	Y	NW/SE	YES	2.5	\	\		\	\		\		\		
BE2.0108	478	Bedroom	1 Bed	A1E	45	48.8	N	NW	NO	2.5	\	\		\	\		\		\		
Level 02																					
BE2.0201	452, 455, 456	LKD & Bed (2)	2 Bed (4p)	A2M	73	80.2	N	NW	NO	2.5	\	\		\	\		\		\		
BE2.0202	449	LKD	2 Bed (4p)	A2N	73	80.7	Y	NW/SE	YES	2.5	\	\		\	\		\		\		
BE2.0208	462	Bedroom	1 Bed	A1E	45	48.8	N	NW	NO	2.5	\	\		\	\		\		\		
Level 03																					
BE2.0301	523, 526, 527	LKD & Bed (2)	2 Bed (4p)	A2M	73	80.2	N	NW	NO	2.5	\	\		\	\		\		\		
BE2.0302	521	LKD	2 Bed (4p)	A2N	73	80.7	Y	NW/SE	YES	2.5	\	\		\	\		\		\		
BE2.0308	533	Bedroom	1 Bed	A1E	45	48.8	N	NW	NO	2.5	\	\		\	\		\		\		
Level 04																					
BE2.0401	555, 550, 556	LKD & Bed (2)	2 Bed (4p)	A2M	73	80.2	N	NW	NO	2.5	\	\		\	\		\		\		
BE2.0402	559	LKD	2 Bed (4p)	A2N	73	80.7	Y	NW/SE	YES	2.5	\	\		\	\		\		\		
BE2.0408	548	Bedroom	1 Bed	A1E	45	48.8	N	NW	NO	2.5	\	\		\	\		\		\		
Level 05																					
BE2.0501	575, 576, 577	LKD & Bed (2)	2 Bed (4p)	A2M	73	80.2	N	NW/NE	YES	2.5	\	\		\	\		\		\		
BE2.0502	579	Bedroom	1 Bed	A1D2	45	48.8	N	NE/SE	YES	2.5	\	\		\	\		\		\		
Level 06																					
BE2.0601	592, 593, 594	LKD & Bed (2)	2 Bed (4p)	A2M	73	80.2	N	NW/NE	YES	2.5	\	\		\	\		\		\		
BE2.0602	596	Bedroom	1 Bed	A1D2	45	48.8	N	NE/SE	YES	2.5	\	\		\	\		\		\		

Location	Modelworks Room Number	Room Type	Unit Type	Unit Type Code	Unit Area Required	Unit area Achieved	Minimum Area +10%	Unit Aspect	Dual Aspect	Ceiling Height	UNIT FLOOR AREA IN EXCESS OF MIN STANDARD	OUTDOOR SPACE IN EXCESS OF MIN STANDARD	DIRECT ACCESS TO COMMUNAL OPEN SPACE	OVERLOOKS COMMUNAL OPEN SPACE	OVERLOOKS PUBLIC OPEN SPACE	OWN DOOR ACCESS TO UNIT	FLOOR TO FLOOR OVER 3.15M	DUAL ASPECT ROOM	DUAL ASPECT UNIT	OVERLOOKS HIGH VALUE PUBLIC AMENITY	UNIT CONTAINS UNIVERSAL DESIGN FEATURES
Block F1																					
Level 00																					
BF1.0001	390, 391, 392	LKD & Bed (2)	2 Bed (4p)	A2R1	73	83.1	Y	N/W	YES	2.7	\	\					\	\	\	\	
Level 01																					
BF1.0101	338, 339, 340	LKD & Bed (2)	2 Bed (4p)	A2R2	73	83.1	Y	N/W	YES	2.5	\	\					\	\	\	\	
BF1.0102	317, 318, 319	LKD & Bed (2)	2 Bed (4p)	A2S	73	79.3	N	N/S	YES	2.5	\	\					\	\	\	\	
BF1.0105	219	LKD	1 Bed	A1G2	45	51.7	Y	S	NO	2.5	\	\		\				\	\	\	
BF1.0107	209	Bedroom	1 Bed	A1G2	45	51.7	Y	N/W	YES	2.5	\	\					\	\	\	\	
Level 02																					
BF1.0201	348, 349, 350	LKD & Bed (2)	2 Bed (4p)	A2R2	73	83.1	Y	N/W	YES	2.5	\	\					\	\	\	\	
BF1.0202	328 & 326	LKD & Bedroom	2 Bed (4p)	A2S	73	79.3	N	N/S	YES	2.5	\	\					\	\	\	\	
BF1.0206	291	LKD	1 Bed	A1G2	45	51.7	Y	W	NO	2.5	\	\						\	\	\	
BF1.0207	305	Bedroom	1 Bed	A1G2	45	51.7	Y	N/W	YES	2.5	\	\					\	\	\	\	
Level 03																					
BF1.0301	358, 359, 360	LKD & Bed (2)	2 Bed (4p)	A2R2	73	83.1	Y	N/W	YES	2.5	\	\					\	\	\	\	
BF1.0302	337 & 335	LKD & Bedroom	2 Bed (4p)	A2S	73	79.2	N	N/S	YES	2.5	\	\					\	\	\	\	
Level 04																					
BF1.0401	368, 369, 370	LKD & Bed (2)	2 Bed (4p)	A2R2	73	83.1	Y	N/W	YES	2.5	\	\					\	\	\	\	
BF1.0402	422 & 418	LKD & Bedroom	1 Bed	A1G2	45	51.7	Y	N	NO	2.5	\	\					\	\	\	\	
Block F2																					
Level 00																					
BF2.0001	134 & 172	Living & Bed	Duplex (3b5p)	D3A	90	107.9	Y	E/W	YES	2.7	\	\	\	\		\	\	\	\	\	
BF2.0002	140, 180, 181	K/D & Bed (2)	Duplex (3b5p)	D3A	90	108	Y	E/W	YES	2.7	\	\	\	\		\	\	\	\	\	
BF2.0003	147-8, 186-8	All Rooms	Duplex (3b5p)	D3A	90	108	Y	E/W	YES	2.7	\	\	\	\		\	\	\	\	\	
BF2.0004	154, 194, 195	K/D & Bed (2)	Duplex (3b5p)	D3A	90	108	Y	E/W	YES	2.7	\	\	\	\		\	\	\	\	\	
BF2.0005	161, 201, 202	K/D & Bed (2)	Duplex (3b5p)	D3A	90	108	Y	E/W	YES	2.7	\	\	\	\		\	\	\	\	\	
Level 02																					
BF2.0201	408	Bedroom	Duplex (2b4p)	D2A	73	89.5	Y	E/W	YES	2.5	\		\			\	\	\	\	\	
BF2.0202	406 & 407	Bedroom (2)	Duplex (2b4p)	D2A	73	89.5	Y	E/W	YES	2.5	\		\			\	\	\	\	\	
BF2.0203	388 & 389	Bedroom (2)	Duplex (2b4p)	D2A	73	89.5	Y	E/W	YES	2.5	\		\			\	\	\	\	\	
BF2.0204	386 & 387	Bedroom (2)	Duplex (2b4p)	D2A	73	89.5	Y	E/W	YES	2.5	\		\			\	\	\	\	\	
BF2.0205	384 & 385	Bedroom (2)	Duplex (2b4p)	D2A	73	89.5	Y	E/W	YES	2.5	\		\			\	\	\	\	\	
Duplexes																					
115	751	LKD	Duplex (3b5p)	D1MB	90	101.3	Y	E/W	YES	2.8	\	\	\	\		\	\	\	\	\	
117	744	Bedroom	Duplex (3b5p)	D1B	90	101.3	Y	E/W	YES	2.8	\	\	\	\		\	\	\	\	\	
119	755	LKD	Duplex (3b5p)	D1MB	90	101.3	Y	E/W	YES	2.8	\	\	\	\		\	\	\	\	\	
120	740 & 741	LKD & Bedroom	Simplex (1b2p)	D1LA	45	48.8	N	E/W	YES	2.8	\	\	\	\		\	\	\	\	\	
121	756	LKD	Duplex (3b5p)	D1LB	90	101.3	Y	E/W	YES	2.8	\	\	\	\		\	\	\	\	\	
124	488	Bedroom	Simplex (1b2p)	D1LA	45	48.8	N	N/S	YES	2.8	\	\	\	\		\	\	\	\	\	
125	82	Bedroom	Duplex (3b5p)	D1LB	90	101.3	Y	N/S	YES	2.8	\	\	\	\		\	\	\	\	\	
126	470 & 471	LKD & Bedroom	Simplex (1b2p)	D1RA	45	48.8	N	N/S	YES	2.8	\	\	\	\		\	\	\	\	\	
128	456 & 457	LKD & Bedroom	Simplex (1b2p)	D1L1A	45	48.8	N	N/S	YES	2.8	\	\	\	\		\	\	\	\	\	

Appendix E – Sunlight to Amenity Areas within New Development

Table 17 Sunlight to Amenity areas Results

Amenity Area	Area m ²	Area Receiving 2 Hrs of Sunlight - Proposed %	Meets BRE Criteria
Combined Areas	13,743	94%	Yes
Individual Areas			
Block D COS	278	100%	Yes
Block EF COS	693	37%	No
Duplexes COS	916	87%	Yes
Environmental Space 01	2,858	98%	No
Environmental Space 02	476	48%	Yes
Environmental Space 03	287	100%	No
Public Open Space	8,235	100%	Yes

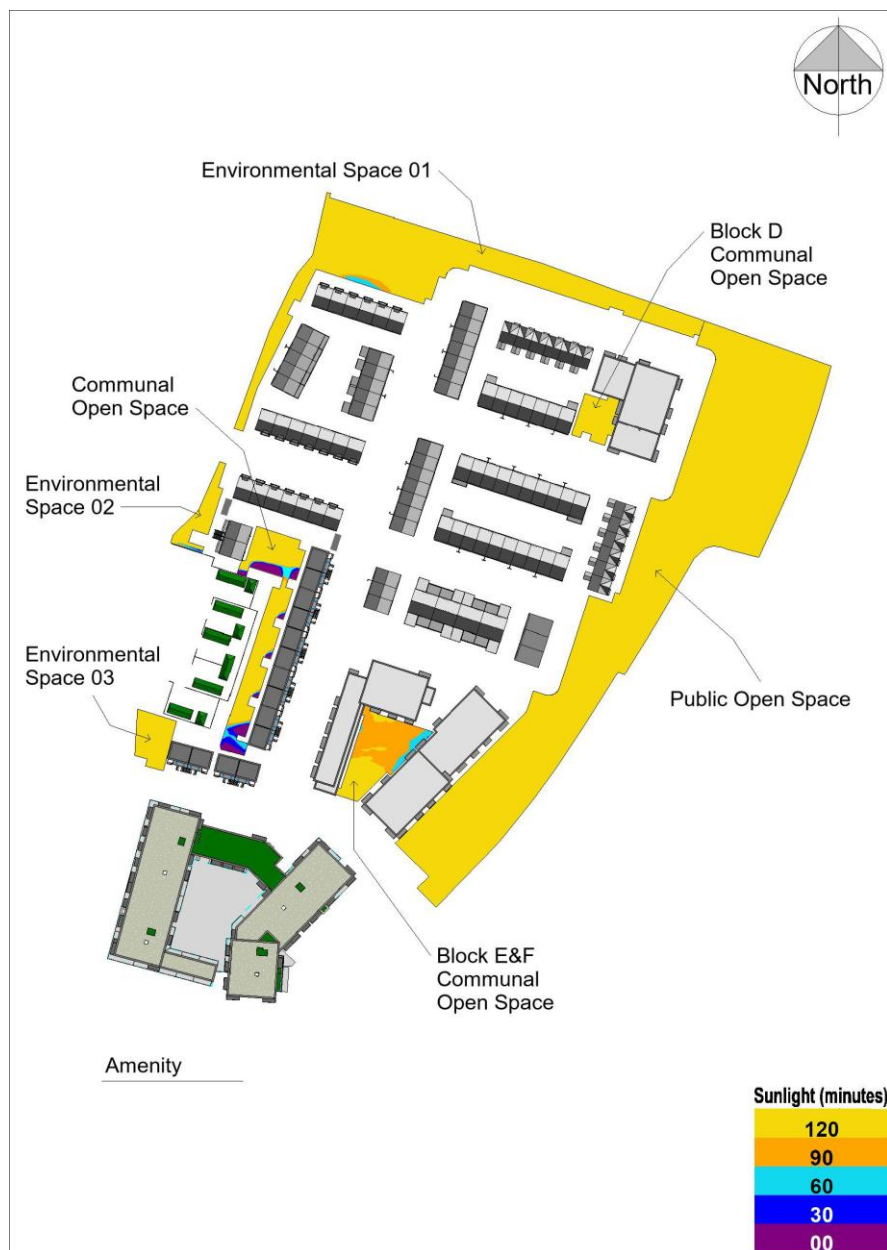


Figure 9 Scheme Shared Amenity Areas

Appendix J – Site Shadow Diagrams

A shadow study was conducted to indicate the shadows cast by the proposal throughout the year. The analysis was run at hourly intervals during daylight hours on:

- 21st March – Spring Equinox
- 21st June – Summer Solstice
- 21st December – Winter Solstice

The BRE Guide recommends:

“If a space is used all year round, the equinox (21 March) is the best date for which to prepare shadow plots as it gives an average level of shadowing. Lengths of shadows at the autumn equinox (21 September) will be the same as those for 21 March, so a separate set of plots for September is not required.”²⁰

And

“As an optional addition, plots for summertime (for example 21 June) may be helpful as they will show the reduced shadowing then, although it should be borne in mind that 21 June represents the best case of minimum shadow, and that shadows for the rest of the year will be longer. Conversely if winter shadows (e.g. 21 December) are plotted, even low buildings will cast long shadows. In a built-up area, it is common for large areas of the ground to be in shadow in December.”²¹

See Next Page.

²⁰ BRE Guide: 3.3.14

²¹ BRE Guide: 3.3.15



Figure 10 Shadow Diagrams - March 21st Spring Equinox

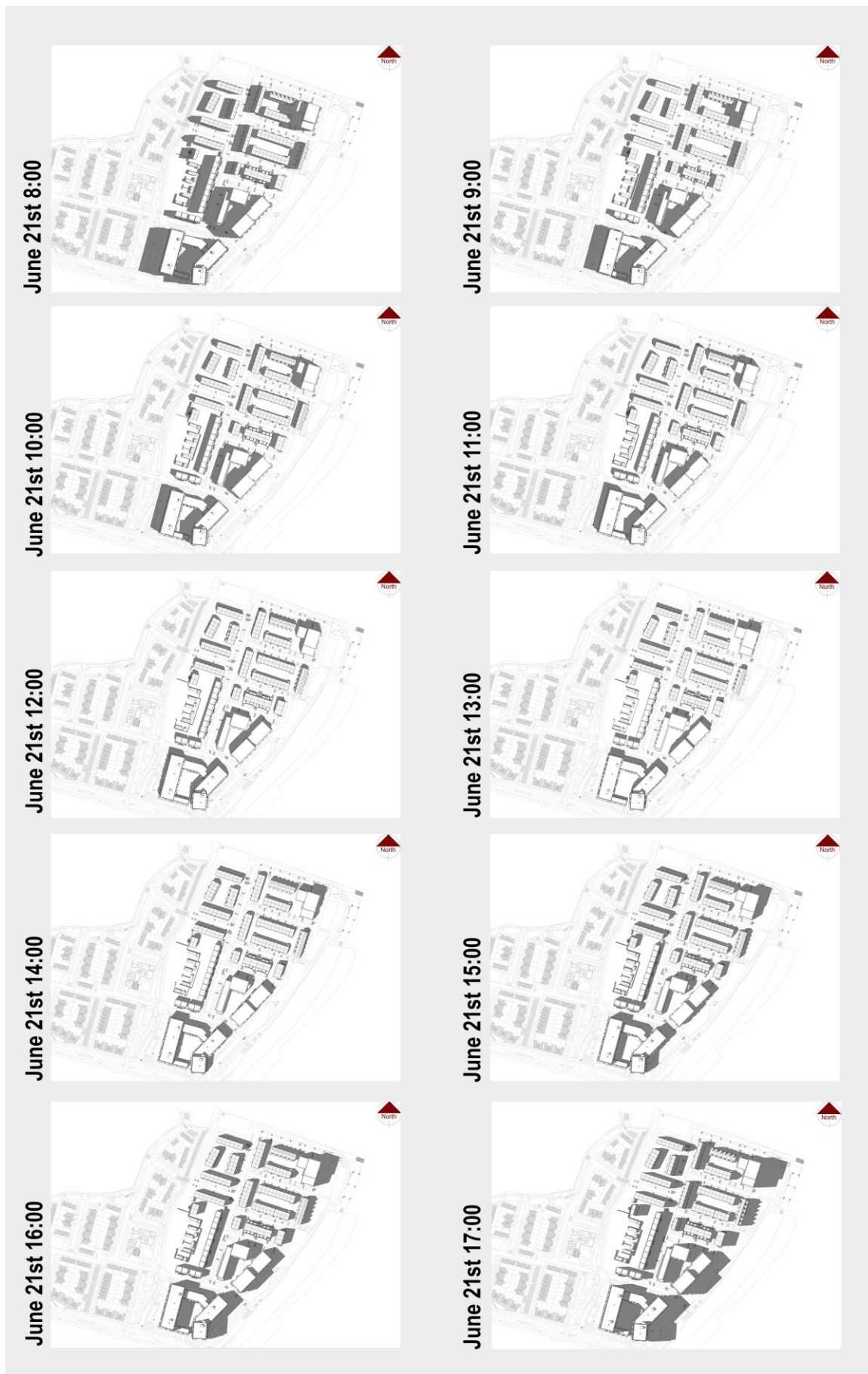


Figure 11 Shadow Diagrams - June 21st Summer Solstice

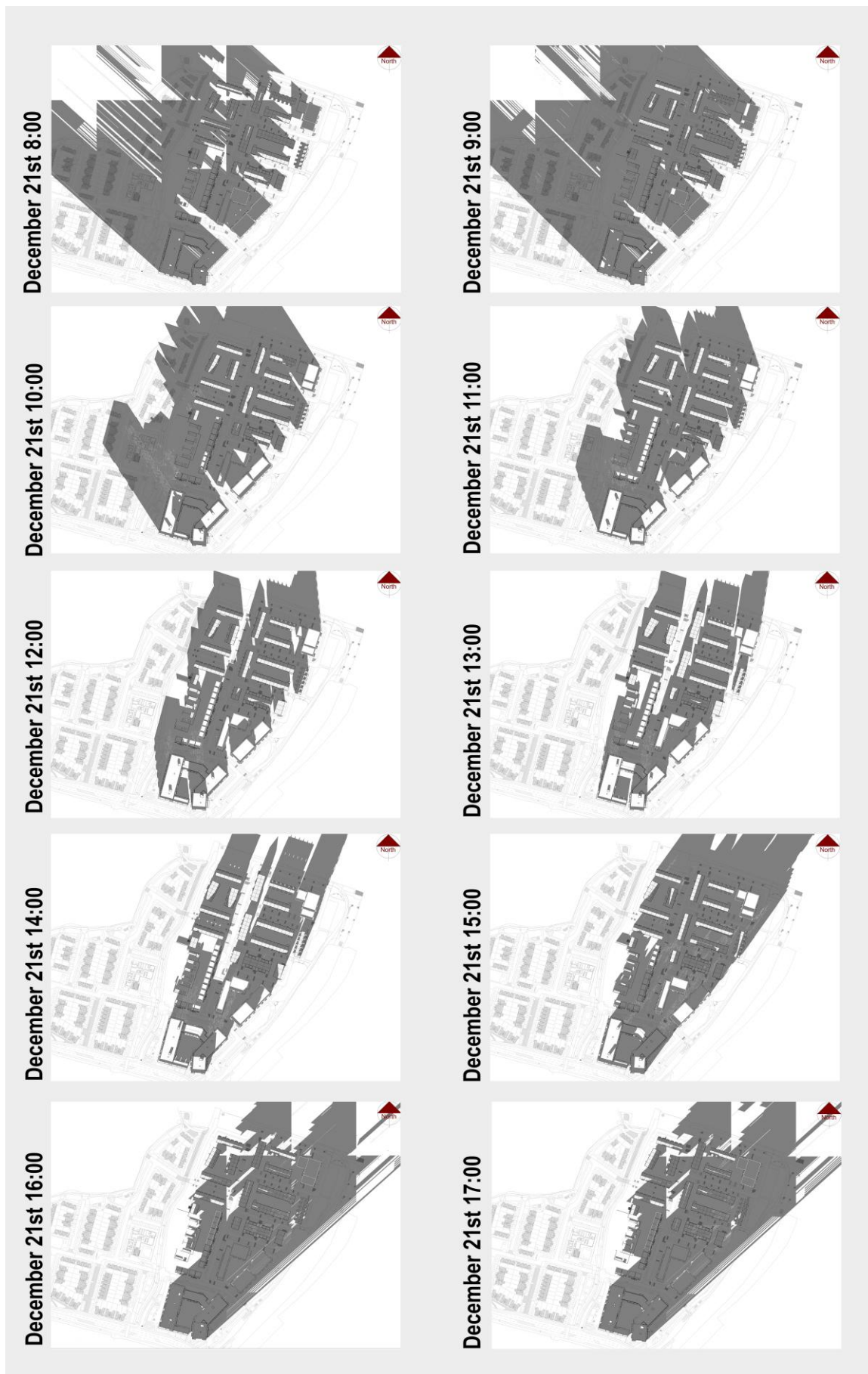


Figure 12 Shadow Diagrams – December 21st Winter Solstice

End of Report