March 2025

Clonburris Development: Site 5, Lucan, Co. Dublin

Daylight and Sunlight Assessment Report

Applicant: South Dublin County Council

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

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Report Contents

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

1.0 Executive Summary

1.1 Summary of Assessment

3D Design Bureau (3DDB) were commissioned to carry out a comprehensive daylight and sunlight assessment, along with an accompanying shadow study for the proposed development Clonburris: Site 5, Lucan, Co. Dublin.

The development consists of three separate lots comprising three parcels of South Dublin County Council owned lands located within the Clonburris SDZ, in South County Dublin. While not physically contiguous, the lots form a coherent phase of development aligned along permitted proposed link roads north and south of the rail corridor.

The lots , which were awarded separately, are as follows:

- Site 3 comprising c. 591 dwellings over 13.8 hectares
- Site 4 comprising c. 430 dwellings over 11.1 hectares
- Site 5 comprising c. 275 dwellings over 6.2 hectares

While the broader Clonburris project consists of multiple sites, this report specifically addresses **Site 5.** It, along with Sites 3 & 4, have been assessed independently, though within the context of the cumulative overarching masterplan. See image below:

Figure 1.1: Scope of masterplan including indicative outline of Sites 3, 4 and 5.

Site 5 is subdivided into two parts: 5a and 5b. The surrounding existing context includes Kishoge Community College, residential dwellings to the north, and a development under construction to the northeast, boundaring part 5b (SD198/0002). Additionally, granted schemes, such as a Part 8 Residential Development (SD179A24/0004) and a primary school (SDZ22A/001), have been considered in the assessment. (See Figure 1.2)

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

Impact Assessment

Following advice within the BRE Guidelines, the surrounding context was carefully considered to ensure all properties and amenity spaces that could potentially experience a level of effect have been considered in the study. The assessment concluded that no existing or granted/under construction properties within three times the height of the proposed development met the criteria for further assessment. The methodology for this analysis is detailed in section "4.1 Impact Assessment, Window Selection Criteria" on page 13. No quantitaive results are, therefore, presented in this report for impact assessment.

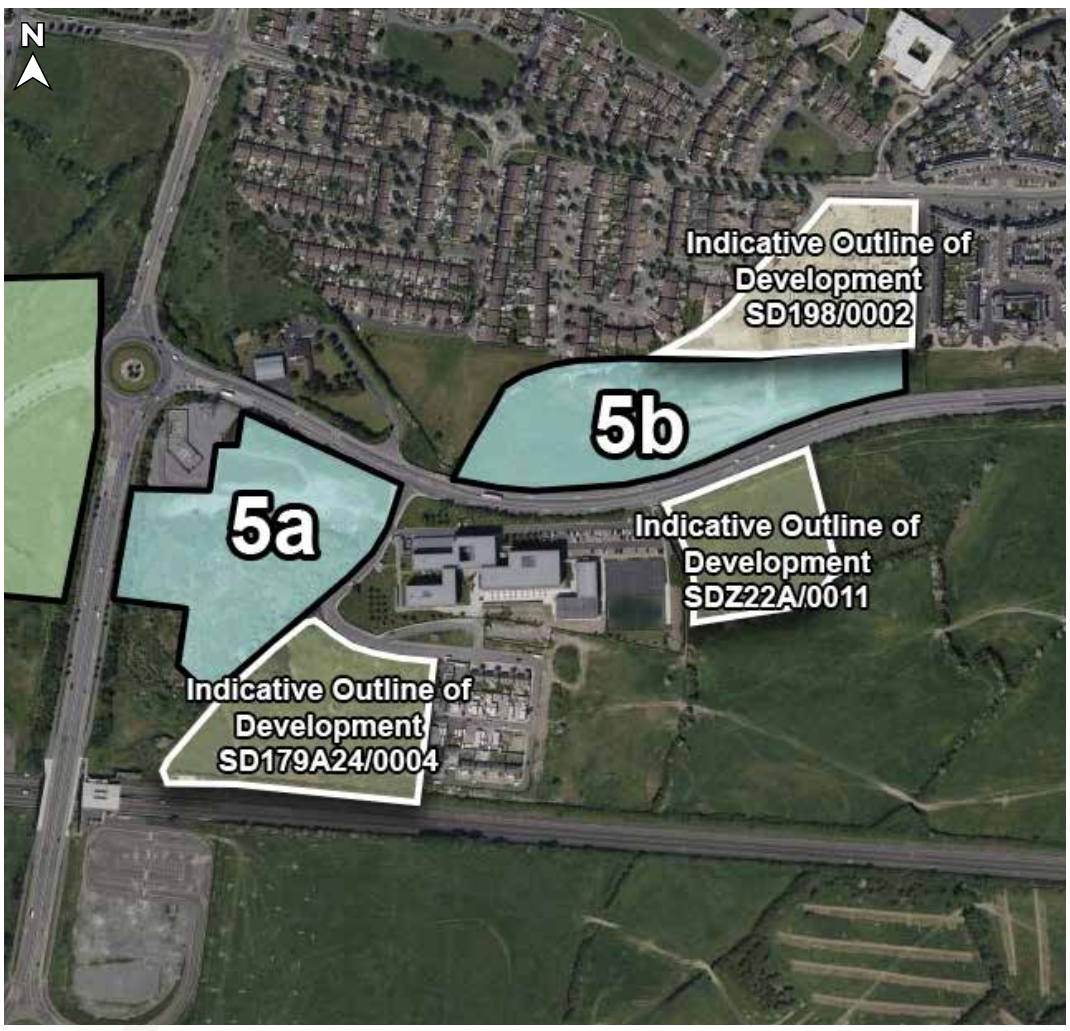

Figure 1.2: Indicative outline of Site 5 and the relevant neighbouring schemes.

Scheme Performance

The scheme performance analysis was conducted within a cumulative surrounding context, incorporating the granted schemes to ensure a worst-case scenario evaluation (See Figure 1.3). As a result, should any of the granted schemes not proceed, the daylight and sunlight performance of the development would likely improve.

- **Daylight access:** Assessed for all habitable rooms within apartment, duplex, and triplex units within the proposed development through a Spatial Daylight Autonomy (SDA) study.
- **Sunlight access:** Quantified through a Sunlight Exposure (SE) assessment for the same habitable rooms.
- **Sun On Ground (SOG):** Assessed to determine the level of sunlight availability in shared external amenity spaces on March 21st.

The results of these scheme performance assessments, which are in accordance with the BRE Guidelines, can be found in section H.0 on page 34. These results are summarised in section 1.2 and explained in section “5.2 Analysis of Scheme Performance Results” on page 19.

Supplementary scheme performance studies have also been carried out. These include an SDA assessment under the I.S. EN 17037 criterion, and a No Sky Line (NSL) study within proposed habitable rooms. The results of the supplementary scheme performance assessments can be found in section I.0 on page 116.

Qualitative Assessment

In addition to the quantitative assessments detailed in the ‘Impact Assessment’ and ‘Scheme Performance’ sections, this report includes a qualitative assessment. Qualitative analyses provide further insight into the daylight and sunlight impact and performance of the proposed development. This is provided through the false colour plans of the proposed SOG assessment (section H.4 on page 114) and the hourly renderings of the shadow study (section G.0 on page 25).

Note on Unit Numbering and Block Designations: For the purposes of this daylight and sunlight assessment, 3D Design Bureau (3DDB) has established an independent unit numbering system and block group designations to clearly identify and map rooms, units, and building elements throughout our analysis. These reference identifiers are specific to this report and may not correspond with the numbering conventions used in the architect’s documentation. All spatial references in this report should be interpreted according to the identification system shown in our site plans and diagrams.

Opinion

It is the opinion of 3DDB that the proposed development at Clonburris: Site 5 demonstrates a considerate approach to design, providing good daylight and sunlight access for future residents while minimizing impact on surrounding existing and granted/under construction properties.

Figure 1.3: Scope of surrounding existing and granted properties and environment assessed in the analytical model.

1.2 Scheme Performance Results Overview:

Spatial Daylight Autonomy (SDA):

Spatial Daylight Autonomy (SDA) BRE 209 Criteria	
Unit Count	201
Rooms Assessed	632
Without Trees	
Compliant	631
Non-compliant	1
Compliance Rate*	> 99%
With Trees (Proposed and Existing Trees)	
Compliant	626
Non-compliant	6
Compliance Rate*	c. 99%
Note: It is the expert opinion of 3DDB that the appropriate criteria for SDA assessments are that of the BRE Guidelines (BRE 209)	

* Compliance rates stated for the SDA analysis are based on the rooms that have been assessed.

Sunlight Exposure (SE):

Sunlight Exposure (SE)	
Units Assessed	201
SE with trees as opaque objects	
Non-Compliant	0
Minimum	9
Medium	36
High	156
Compliance Rate*	100%
SE without deciduous trees	
Non-Compliant	0
Minimum	6
Medium	31
High	164
Compliance Rate*	100%

* Compliance rates stated for the SE analysis are based on the units that have been assessed.

Sun On Ground (SOG) in proposed amenity areas:

Sun On Ground (SOG) in proposed gardens / amenity areas	
Areas Assessed	3
Areas meeting the guidelines	3
Areas not meeting the guidelines	0
Compliance Rate*	100%

* Compliance rates stated for the SOG assessment are based on the public open space only.

1.3 Supplementary Assessment Results Overview

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

Spatial Daylight Autonomy (SDA) under I.S. EN 17037 Criterion	
Unit Count	201
Rooms Assessed	632
Without Trees	
Compliant	528
Non-compliant	104
Compliance Rate*	c. 84%
With Trees (Proposed and Existing Trees)	
Compliant	505
Non-compliant	127
Compliance Rate*	c. 80%
Note: The study under the I.S. EN 17037 criterion should be considered a supplementary assessment. It is the expert opinion of 3DDB that the appropriate criteria are that of the BRE Guidelines (BRE 209)	

* Compliance rates stated for the SDA analysis are based on the rooms that have been assessed.

No Sky Line (NSL):

No Sky Line (NSL):	
Unit Count	201
Rooms Assessed	632
Yes	602
No	30
Compliance Rate**	c. 95%
** As the BRE Guidelines do not provide a recommended minimum for NSL in proposed developments, compliance rates for NSL are calculated using a criteria applied by 3DDB.	

* Compliance rates stated for the NSL analysis are based on the rooms that have been assessed.

2.0 Guidelines / Standards

This section refers to guidelines and standards for daylight and sunlight assessment for both impact assessment and scheme performance.

Overview

Neither the British Standard, European Standard, British Annex to the European Standard nor the BRE Guidelines (BR 209) set out rigid standards or limits. They are all considered advisory documents. The BRE Guide is preceded by the following very clear statement as to how the design advice contained therein should be used:

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

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

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

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

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

Paragraph 6.7 of the 2023 apartment guidelines states:

"*Where an applicant cannot fully meet all of the requirements of the daylight provisions above, this must be clearly identified and a rationale for any alternative, compensatory design solutions must be set out, which planning authorities should apply their discretion in accepting taking account of its assessment of specific. This may arise due to a design constraints [sic] associated with the site or location and the balancing of that assessment against the desirability of achieving wider planning objectives. Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solution.*"

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

Note: Section 3.2 of the Urban Development and Building Height Guidelines 2020, provides similar guidance as above. However, it should be noted that at the time of publication of the *Urban Development and Building Height Guidelines (2020),* BR 209 was in the 2nd edition, first published in 2011. Since then, a 3rd edition of BR 209 has been published (June 2022) and the 2nd edition has been withdrawn. BR 209 no longer references *BS 8206-2:2008*, which has also been withdrawn. The standard used as reference in BR 209 edition 3 is *BS EN 17037*.

BR 209 - Site Layout Planning for Daylight and Sunlight: a Guide to Good Practice (2022)

This document will be referred to as the *BRE Guidelines*, the *BRE Guide* or *BR 209* in this report.

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

Upon publication of the 3rd Edition of the BR 209 (2022), the 2nd edition (2011) has been withdrawn. Among the updates from the 2nd to the 3rd edition are some changes in the recommended metrics to use for carrying out scheme performance assessments.

Daylight within proposed developments was previously assessed under the 2011 guidelines using an 'Average Daylight Factor' assessment (ADF). This has been replaced with a 'target illuminance assessment', also known as a 'Spatial Daylight Autonomy' assessment (SDA).

Sunlight within proposed developments was previously assessed under the 2011 guidelines using an 'Annual / Winter Probable Sunlight Hours' assessment (APSH/WPSH). This has been replaced with a 'Sunlight Exposure' assessment (SE). However, APSH/WPSH is still recommended for sunlight impact assessments.

As such, no ADF or APSH/WPSH assessment will be included as part of a scheme performance assessment under the updated guidelines.

Details of the criteria for new metrics, and all other relevant metrics, can be found in the methodology section on Page 13 of this report.

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

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

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

EN 17037:2018: Daylight in Buildings (2018)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Sustainable Residential Development and Compact Settlements Guidelines (2024)

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

In regard to daylight, section 5.3.7 states:

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

(a) The potential for poor daylight performance in a proposed development or for a material impact on neighbouring properties will generally arise in cases where the buildings are close together, where higher buildings are involved, or where there are other obstructions to daylight. Planning authorities do not need to undertake a detailed technical assessment in relation to daylight performance in all cases. It should be clear from the assessment of architectural drawings (including sections) in the case of low-rise housing with good separation from existing and proposed buildings that undue impact would not arise, and planning authorities may apply a level of discretion in this regard.

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

In drawing conclusions in relation to daylight performance, planning authorities must weigh up the overall quality of the design and layout of the scheme and the measures proposed to maximise daylight provision, against the location of the site and the general presumption in favour of increased scales of urban residential development. Poor performance may arise due to design constraints associated with the site or location and there is a need to balance that assessment against the desirability of achieving wider planning objectives. Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solution."

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

Whilst the proposed development lies outside the environs of DCC, the following information has been included in this report for information purposes.

South Dublin County Development Plan 2022-2028

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

Section 12.6.7 of the South Dublin County Development Plan states:

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

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

Summary

According to the aforementioned guiding documents, the following assessments are typically conducted for a daylight and sunlight study, depending on the specific requirements of the project.

Performance of the Proposed Development

Annual Probable Sunlight Hours (APSH) and Winter Probable Sunlight Hours (WPSH) on all relevant windows: APSH and WPSH are no longer recommended for scheme performance assessments under BR 209. They have been replaced with Sunlight Exposure (SE). When conducting a scheme performance assessment for sunlight in the habitable rooms of the proposed development, Sunlight Exposure is the relevant metric. An APSH/WPSH assessment will not be carried out in the scheme performance assessment of the proposed development.

Sunlight on Ground (SOG) in all amenity spaces: A SOG assessment will be carried out, where appropriate, for the amenity spaces of the proposed development.

Average Daylight Factor (ADF) in all habitable rooms: BR 209 (2022) states that ADF is no longer recommended as a relevant method of assessment. ADF has been replaced with a target illuminance assessment. (See below). As such, no ADF assessment will be carried out on the proposed development.

No Sky Line (NSL) in all habitable rooms: An NSL assessment will be conducted for the habitable rooms of the proposed development as a supplementary study as part of a scheme performance assessment.

Target Illuminance in all habitable rooms: A target illuminance assessment, also known as a Spatial Daylight Autonomy (SDA) assessment, has replaced ADF as the relevant metric for assessing daylight within proposed habitable spaces. The two recommended methodologies for this assessment are detailed in section 4.4.1 on page 16. In a scheme performance assessment, the SDA will be calculated for the habitable rooms of the proposed development.

Impact on the Surrounding Properties

Vertical Sky Component (VSC) on all relevant surrounding windows: A VSC impact assessment will be conducted, where appropriate, on the relevant surrounding windows determined by the BRE decision chart as illustrated in Figure 4.2 on page 13.

Annual Probable Sunlight Hours (APSH) and Winter Probable Sunlight Hours (WPSH) on all relevant surrounding windows: An APSH/WPSH impact assessment will be conducted, where appropriate, on the relevant surrounding windows/rooms that have an orientation within 90° of due south.

Sunlight on Ground (SOG) in all surrounding amenity spaces: A SOG impact assessment will be carried out, where appropriate, on the neighbouring gardens/ amenity spaces located within close proximity and to the north of the subject site.

3.0 Glossary

3.1 Terms and Definitions

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

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

Sunlight
Direct parallel rays of light emitted from the sun.

Daylight
Combined skylight and sunlight.

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

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

Model State
The model state is a term used to describe the configuration of the digital model used to run analysis. Model states will typically reflect a baseline state and a proposed or cumulative state. For a definition of the model states used in the analysis carried out in this report, please refer to “Preparing the analytical model” on page 14.

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

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

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

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

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

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

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

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

LKD
Living / Kitchen / Dining room.

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

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

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

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

3.2 Definition of Effects

The BRE Guidelines state that:

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

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

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

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

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

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

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

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

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

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

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

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

3.3 Definition of Levels of Sunlight Exposure

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

Level of Sunlight Exposure:

The level of sunlight exposure will be stated for each assessed room in the tables under section “H.3 Sunlight Exposure (SE) in Proposed Units” on page 88. Below is a list of the terms used to categorise the levels of sunlight exposure:

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

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

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

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

Unit Compliance:

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

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

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

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

4.0 Methodology

4.1 Impact Assessment, Window Selection Criteria

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

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

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

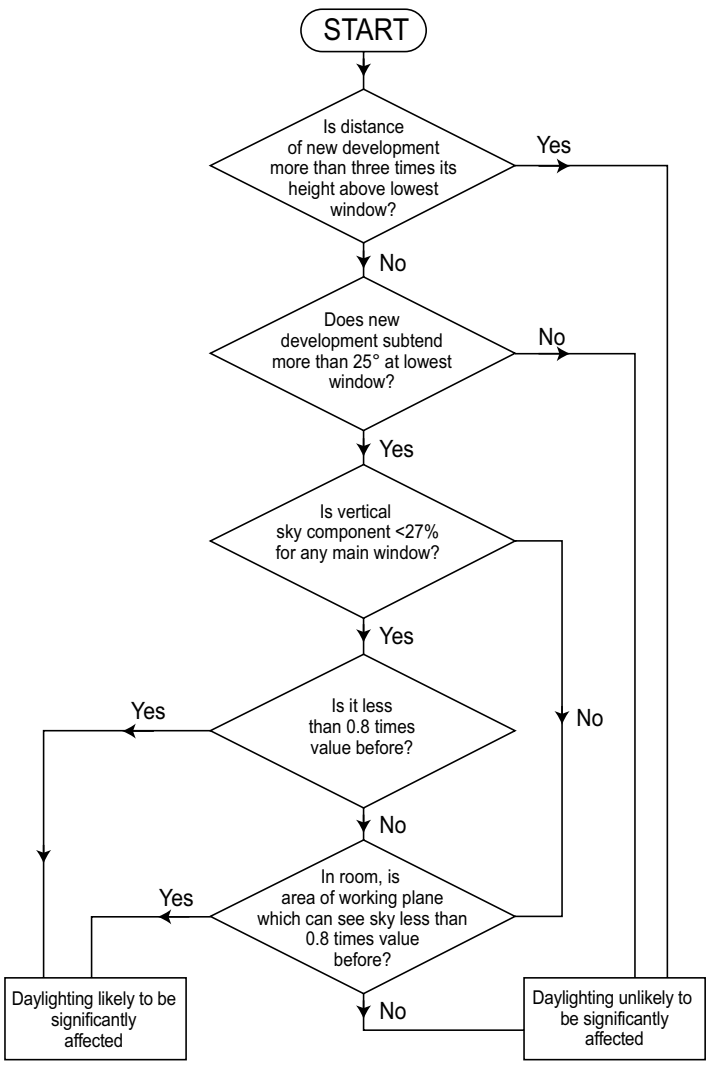

Figure 4.2: VSC decision chart, taken from BR 209.

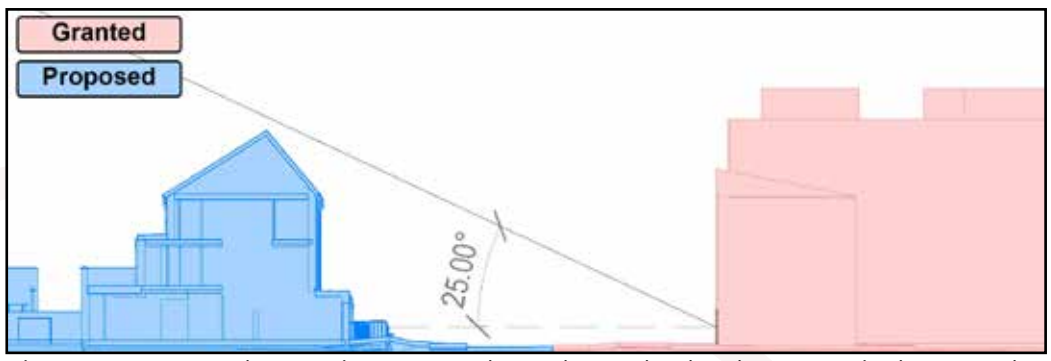

Figure 4.3: Example Section A-A taken through the lowest window at the neighbouring granted scheme (SD179A24/0004)

As per the BRE Guidelines, when a property is within three times the height of the proposed development, a perpendicular section is drawn from the main window wall of the potentially affected properties to determine if the proposed development subtends an angle of more than 25° at the lowest window.

If the proposed development subtends 25° in this section, then a VSC assessment should be conducted.

As can be seen in Figure 4.1, the only property that would fall within the criteria for impact assessement is the granted development Part 8 Residential Development (SD179A24/0004).

Figure 4.3 shows a perpendicular section taken through the lowest window at the granted scheme facade that faces the proposed development, which provides an example of where an existing window is within 3 times the height of the proposed development but the proposed development does not subtend 25° when measured in a perpendicular section.

Therefore, as per the BRE criteria, no quantitative impact assessments have been carried out for the proposed development.

It is advisable that in addition to the VSC assessment that a no sky line (NSL) assessment should be carried out. However, an NSL assessment requires accurate dimensions and layouts of the existing rooms and windows. Due to common lack of availability regarding the required information, NSL assessments are often not feasible when assessing impact on existing properties.

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

In practice, 3DDB include all windows meeting the proximity criteria in an APSH/WPSH assessment if they are reasonably assumed to serve habitable spaces. This approach avoids distinguishing whether the windows serve bedrooms or living areas, thereby eliminating the need to make assumptions about the specific functions of rooms in existing dwellings.

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

4.2 Preparing the analytical model

4.2.1 Building the Model States

MDO Architects supplied 3DDB with a combination of AutoCAD drawings and 3D models of the proposed development from which a 3D analytical model was prepared. Landscape drawings were issued by LDA Design. A combination of survey information, aerial photography, available online photography and/or ordnance survey information were used to model the surrounding context and assessed buildings. **Note:** as the information gathered from online sources is not as accurate as surveyed information, a reasonable tolerance should be allowed to the placement of windows, boundary treatments and the results generated.

Analytical model state

Figure 4.4: Model view of the analytical model state

As illustrated in Figure 4.4, the analytical model state reflects the subject site if the development is built as proposed along with the surrounding developments that have not been built yet, but are granted (SD179A24/0004 and SDZ22A/001). This model state also accounts for proposed landscaping on the subject site and the demolition of existing structures, etc. Proposed buildings have been positioned in their location on the subject site with relevant surrounding context, which includes the exiting properties in proximity and a development which works have commenced (SD198/0002). Existing trees were placed using photogrammetry information, with assumptions made regarding exact size, position and species. Proposed trees have been placed according to the landscape plans.

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

Relevant weather and climatic data has been obtained for this report using a localised EnergyPlus Weather File (IRL_EM_Casement.AP.039670_TMYx.epw).

4.2.2 Trees

As referenced in the BRE Guidelines, the exact shapes of trees are “almost impossible to predict”. When modelling trees for this assessment tree geometry has been simplified. Where tree survey information was not provided, the position and size of existing trees have been estimated using photogrammetry information. The shape of the trees have been simplified and an average transmittance value has been applied using information from table G1 from the BRE Guidelines. Simplified models of proposed trees within the development have also been included according to the information provided by the landscape architect.

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

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

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

Sun On Ground (SOG)

Regarding SOG assessments, the BRE Guidelines states:

"...trees and shrubs are not normally included in the calculation unless a dense belt or group of evergreens is specifically planned as a windbreak or for privacy purposes. This is partly because the dappled shade of a tree is more pleasant than the deep shadow of a building (this applies especially to deciduous trees)."

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

Sunlight Exposure (SE)

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

Spatial Daylight Autonomy (SDA)

BR 209 recommends when assessing daylight in a proposed building, it is appropriate to run the assessment with trees represented over the course of the whole year. Light transmittance values for the modelled trees are varied to account for summer and winter foliage.

Taking average dates from *BRE Digest 350*, appropriate light transmittance values have been applied to deciduous trees to represent the 'full leaf' and 'bare branch' states.

Evergreen trees are represented as 'full leaf' throughout the year.

The BRE Guidelines also state"

"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. Often trees are irregularly shaped and simple modelling, using height and spread data and assuming a circular tree, will give inaccurate results. A special survey on site is generally required to produce the required data on the tree profile, using a clinometer or other device to measure tree height. Buildings and other solid objects should also be taken into account."

In the absence of a 'special survey' as mentioned above, simplified models representing trees have been used. The information for these trees has been taken from photogrammetry information and an arborist report when available. A reasonable tolerance should be applied to the results generated to account for trees not being represented exactly as they appear on site.

Units have also been assessed without trees to give an understanding of how the architecture performs should trees not be factored into the calculation.

I.S. EN 17037 does not give any guidance on how trees should be represented. For the purpose of this report, the SDA calculation under the I.S. EN 17037 criteria has been carried out with trees represented in the same manner as the BR 209 assessment. Units have also been assessed without trees to give an understanding of how the architecture performs should trees not be factored into the calculation.

No Sky Line (NSL)

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

Shadow Study

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

4.3 Qualitative Assessment - Shadow Study

A shadow study has been carried out to allow a qualitative analysis of the relevant model state, as outlined in section 4.2 on page 14. This visual representation of the shadows cast by the proposed development can be found in the hourly shadow diagrams in the appendix results section G.0 on page 25.

Hourly renderings have been shown from sunrise to sunset on the following dates in 2025:

- Spring equinox: March 21st Sunrise 6:31 | Sunset 18:35. (GMT)
- Summer solstice: June 21st. Sunrise 5:05 | Sunset 21:50. (BST)
- Winter solstice: December 21st Sunrise 8:46 | Sunset 16:01. (GMT)

The shadow study has been generated using the same model states as described in section 4.2.1. In certain cases, assumptions or estimations may have been made when modelling elements of the surrounding context and/or proposed site details when creating the various model states. Therefore, it is advisable for a reasonable tolerance to be applied when interpreting shadows in the qualitative assessment.

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

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

4.4 Quantitative Scheme Performance Assessment Overview

4.4.1 Spatial Daylight Autonomy in Proposed Habitable Rooms (SDA)

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

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

There are two methods for calculating SDA:

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

It is the opinion of 3DDB that the calculation method using illuminance level better represents a real-world scenario as it accounts for the quality of daylight based on orientation. As such, the illuminance methodology has been adopted for all SDA assessments in this report using a localised EnergyPlus Weather File (IRL_EM_Casement.AP.039670_TMYx.epw) to apply the relevant climate information.

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

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

Where rooms serve more than one function, the higher SDA target value should been taken. In new developments, some internal spaces (e.g. studio apartments, shared communal areas etc.) can possibly be of a nature that do not have a predefined target value in BR 209. In such instances, 3DDB will a target value they deem to be appropriate. In the case of the proposed development, only the habitable rooms within the apartment, duplex and triplex units have been assessed, which are made of LKDs (Living-Kitchen-Dining) and bedrooms, therefore, target lux of 200 and 100 have been applied, respectively.

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

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

Defining Rooms

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

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

Indication of the assessed space in each room is provided in the floor plans that correspond to the SDA results in the appendix section “Proposed Floor Plans of the assessed units” on page 34.

Working Plane

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

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

Material Palette

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

Table No. 4.4.1 - Material Palette for SDA Calculations

Object	Material	Reflectance	Object	Material	Reflectance / Transmittance
Exterior walls	Standard Brick	0.3	Interior Walls	Pastel paint	0.70
	Light Brick	0.4	Interior Ceiling	White paint	0.8
	Dark Brick	0.15	Interior Floor	Light timber	0.4
	Render	0.6	Miscellaneous	Miscellaneous	0.5
	Concrete	0.4	Glass	Double glazing	0.68
Ground cover	Paving	0.4		Maintenance factor	0.91
	Tarmac	0.2		Glass adjusted for maintenance	0.62
	Grass	0.2		Frosted glass	0.5

Project Assessment

The results for the study on SDA can be found in the appendix results section H.2 on page 62.

Analysis of the results can be found in section 5.2.1 on page 19.

The results of the supplementary SDA study under the I.S. EN 17037 criterion can be found in section I.0 on page 116.

4.4.2 Sunlight Exposure in Proposed Habitable Rooms (SE)

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

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

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

The level of sunlight exposure is categorised as follows:

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

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

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

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

The sunlight exposure assessment focuses on habitable residential rooms. Unless sunlight access is deemed important for the functionality of a non-residential room in a proposed development, it will not be included in the study, which remains limited to residential rooms. In the case of the proposed development, only the habitable rooms within the apartment, duplex and triplex units have been assessed.

Project Assessment

The results for the study on sunlight exposure can be found in the appendix results section H.3 on page 88, with analysis of the results in section 5.2.2 on page 21.

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

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

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

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

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

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

Project Assessment

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

The results for the study on sun on ground in the proposed outdoor amenity areas (including a visual representation in the form of 2-hour false colour plans) can be found in the appendix results section H.4 on page 114, with analysis of the results in section 5.2.3 on page 21.

4.4.4 No Sky Line in Proposed Habitable Rooms (NSL)

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

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

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

All advice regarding NSL in the BRE Guidelines is in relation to impact assessments. NSL is not mentioned in the BRE section regarding daylight in new developments. Nevertheless, an NSL assessment was carried out on the proposed development as a supplementary study as it is requested in the DCC Development Plan 2022-2028 (Section 5.1, Appendix 16). Although the proposed development is not under Dublin City Council's jurisdiction, the NSL study has been included to ensure consistency across 3DDB's daylight and sunlight assessments.

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

The results of the supplementary NSL study can be found in section I.0 on page 116.

5.0 Analysis of Results

5.1 Analysis of Impact Assessment Results

The impact assessment in this report examined potential effects of the proposed development on surrounding properties, in accordance with the BRE Guidelines. Through careful evaluation within the analytical model, it has been determined that no existing or granted/under construction properties within three times the height of the proposed development met the criteria for further assessment. The methodology for this analysis is detailed in section "4.1 Impact Assessment, Window Selection Criteria" on page 13.

3DDB concludes that the development has been designed with appropriate consideration for its surroundings, and is not likely to cause any adverse impacts on daylight or sunlight access to neighbouring properties.

5.2 Analysis of Scheme Performance Results

5.2.1 Spatial Daylight Autonomy (SDA)

This study has assessed the Spatial Daylight Autonomy (SDA) received in all habitable rooms of the apartment, duplex and triplex units within the proposed development both with and without trees.

The assessment covers 201 no. units, which makes up approximately 632 no. habitable rooms.

Under the BR 209 criteria including trees, the SDA value in 626 no. habitable rooms meets or exceeds the appropriate target values. This represents an excellent compliance rate for a development of this scale. Without trees, the compliance rate exceeds 99%, with only one room falling short at 44% against the 50% threshold.

These results reflect thorough collaboration between 3DDB and the design team to enhance daylight access. While the assessment with trees affected 5 rooms' compliance, the removal of trees to improve daylight performance is not always advisable as trees also reduce potential heat gain and can be considered to provide a favourable outlook for occupants.

I.S. EN 17037 sets out more onerous recommendations for SDA. As such, the number of habitable rooms achieving compliance under this standard is 505 in the assessment that includes trees. This gives a reduced circa compliance rate of c. 80%. The additional SDA assessment, under this standard, that does not include trees has shown a compliance rate of c. 84%.

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

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

"Where an applicant cannot fully meet all of the requirements of the daylight provisions above, this must be clearly identified and a rationale for any alternative, compensatory design solutions must be set out, which planning authorities should apply their discretion in accepting taking account of its assessment of specific. This may arise due to a design constraints [sic] associated with the site or location and the balancing of that assessment against the desirability of achieving wider planning objectives. Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solution."

Based on the above statements, compensatory design solutions have been provided by the project architect where rooms do not achieve the daylight provision targets as set out in the BRE Guidelines.

The following list indicates all units / rooms that do not achieve the recommended level of daylight with regards to BR 209 and the compensatory design solution for each:

- **APT_01_09 (LKD):**
  - *Non-compliant LKD*
  - *The one-bedroom unit has an area of 55.6 sqm, exceeding the minimum requirement of 45 sqm.*
  - *The unit is south-facing and features a private terrace that overlooks the landscaped communal open space.*
- **D_05_A (Bedroom 1):**
  - *Compliance for the bedroom is impacted due to the proposed new trees, which are intended to enhance the streetscape and overall quality of the new neighbourhood.*
  - *The unit features private amenity spaces at both the front and rear, exceeding the minimum area requirements.*
  - *The subject bedroom has been designed with corner windows to maximise natural light intake. Compensatory design solution to be provided by the project architect.*

- **D_41_A (LKD):**
  - *Active frontage has been provided along the TOW in accordance with SDZ requirements. Compliance for KLD is impacted due to the proposed new trees, which are intended to enhance the streetscape and overall quality of the new neighbourhood.*
  - *The unit features private amenity spaces at both the front and rear, exceeding the minimum area requirements.*
  - *The unit includes a landscaped strip along the front elevation, improving the quality of the front private amenity area.*
  - *The KLD has been designed with corner windows to maximise natural light intake.*
  - *The KLD area opens directly onto the rear private terrace that is not overlooked, enhancing privacy and providing the KLD connectivity to the exterior.*
  - *The back garden walls will have a white finish to maximise light reflection, enhancing brightness in the space. ompensatory design solution to be provided by the project architect.*
- **D_42_A (LKD):**
  - *Active frontage has been provided along the TOW in accordance with SDZ requirements. Compliance for KLD is impacted due to the proposed new trees, which are intended to enhance the streetscape and overall quality of the new neighbourhood.*
  - *The unit features private amenity spaces at both the front and rear, exceeding the minimum area requirements.*
  - *The unit includes a landscaped strip along the front elevation, improving the quality of the front private amenity area.*
  - *The KLD has been designed with corner windows to maximise natural light intake.*
  - *The KLD area opens directly onto the rear private terrace that is not overlooked, enhancing privacy and providing the KLD connectivity to the exterior.*
  - *The back garden walls will have a white finish to maximise light reflection, enhancing brightness in the space.*
- **D_43_A (LKD):**
  - Active frontage has been provided along the TOW in accordance with SDZ requirements. Compliance for KLD is impacted due to the proposed new trees, which are intended to enhance the streetscape and overall quality of the new neighbourhood.
  - The unit features private amenity spaces at both the front and rear, exceeding the minimum area requirements.
  - The unit includes a landscaped strip along the front elevation, improving the quality of the front private amenity area.
  - The KLD has been designed with corner windows to maximise natural light intake.
  - The KLD area opens directly onto the rear private terrace that is not overlooked, enhancing privacy and providing the KLD connectivity to the exterior.
  - The back garden walls will have a white finish to maximise light reflection, enhancing brightness in the space.
- **D_44_A (LKD):**
  - *Active frontage has been provided along the TOW in accordance with SDZ requirements. Compliance for KLD is impacted due to the proposed new trees, which are intended to enhance the streetscape and overall quality of the new neighbourhood.*
  - *The unit features private amenity spaces at both the front and rear, exceeding the minimum area requirements.*
  - *The unit includes a landscaped strip along the front elevation, improving the quality of the front private amenity area.*
  - *The KLD has been designed with corner windows to maximise natural light intake.*
  - *The KLD area opens directly onto the rear private terrace that is not overlooked, enhancing privacy and providing the KLD connectivity to the exterior.*
  - *The back garden walls will have a white finish to maximise light reflection, enhancing brightness in the space.*

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

The results for the study on SDA can be seen in section H.2 on page 62.

5.2.2 Sunlight Exposure (SE)

A sunlight exposure assessment has been carried out on habitable rooms of the apartment, duplex and triplex units within the proposed development. For these assessments, trees have been included in the analytical model as opaque objects. The assessments have been carried out in two states:

- All trees (both evergreen and deciduous) included in assessment model.
- Only evergreen trees, if present, included in the assessment model.

This approach is in accordance with the BRE Guidelines.

In total, 201 no. units have been assessed. Using the rationale explained in section 3.3 on page 12, the level of sunlight exposure for the assessed units is as follows:

- With all trees: 156 no. units are considered *high*, 36 no. *medium*, 9 no. have reached the *minimum* recommendation.
- Without deciduous trees: 164 no. units are considered *high*, 31 no. *medium*, 6 no. have reached the *minimum* recommendation.

The SE assessment has shown that, regardless of the effect of trees, all of the assessed units meet the Sunlight Exposure criteria.

Note: For a unit to be compliant under BR 209, only one habitable room within the unit needs to meet the guideline values. Whilst the criterion applies to rooms of all orientations, it should be noted that if a room faces significantly north of due east or west it is unlikely to be met. As such, it is not always possible to achieve full compliance.

Although the BRE Guidelines do not provide recommendations regarding the overall SE performance of a development, it is worth highlighting that the proposed development was carefully designed to ensure adequate sunlight access to all units, reaching 100% of compliance in both assessment states.

The results for the study on SE in the habitable rooms of the proposed units can be seen in section H.3 on page 88.

5.2.3 Sun On Ground in Proposed Outdoor Amenity Areas

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

In total 3 no. Public Open Spaces have been assessed, all of which vastly exceed the criteria as set out in the BRE Guidelines.

This performance ensures that future residents will enjoy well-sunlit outdoor spaces throughout the year.

The results for the study on sunlighting in the proposed outdoor amenity spaces can be found in section H.4 on page 114.

A visual representation of these readings can be seen in the false colour plan in section H.4 and in the hourly shadow diagrams for March 21st in section G.1 on page 25 of the appendix section of this report.

6.0 Conclusion

3D Design Bureau (3DDB) were commissioned to carry out a daylight assessment, sunlight assessment and shadow study for the proposed development at Clonburris: Site 5 (comprising parts 5a and 5b), in Lucan, Co. Dublin.

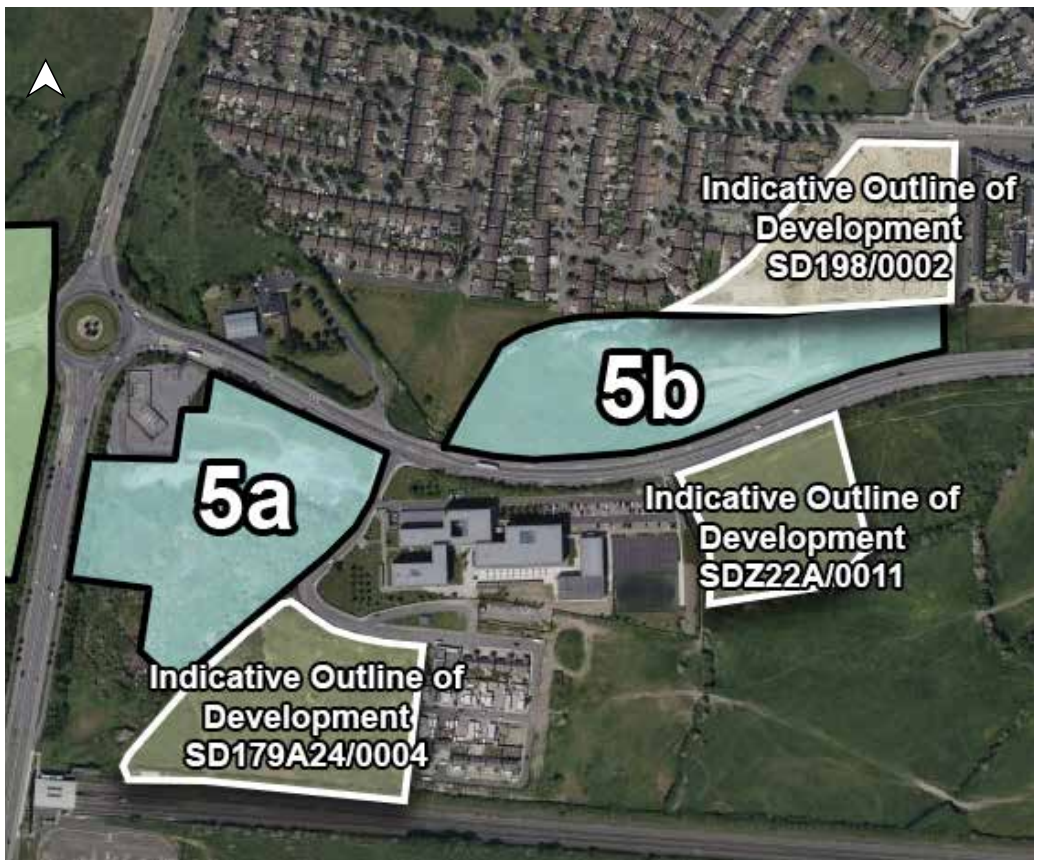

Figure 6.1: Aerial view of surrounding properties and environment assessed.

To ensure a robust analysis, relevant surrounding granted developments were incorporated into the assessment model, including the Part 8 Residential Development (SD179A24/0004), the primary school (SDZ22A/001), and the development under construction to the northeast (SD198/0002). This approach established a worst-case scenario for the scheme performance assessment, as any granted schemes that do not proceed would likely result in improved daylight and sunlight conditions for the proposed development.

The impact assessment evaluated the potential effects of the proposed development on surrounding properties and amenity spaces. Following established BRE Guidelines methodology, the initial analysis determined that no existing or planned properties within three times the height of the proposed development met the criteria for further detailed assessment. This indicates that the proposed development has been designed with appropriate consideration for its context, ensuring minimal impact on the daylight and sunlight conditions of neighbouring properties.

Figure 6.2: Scope of surrounding existing and granted properties and environment assessed in the analytical model.

The scheme performance assessment has quantified the level of daylight and sunlight within the proposed development, focusing specifically on apartment, duplex, and triplex units. Proposed houses have been included in the model but not assessed internally.

The SDA assessment of 632 habitable rooms across 201 units revealed an excellent compliance rate of 99% under BR 209 criteria when including trees, with only 5 no. rooms falling marginally short of the 50% threshold. Furthermore, without trees included in the assessments, only one room is marginally below the threshold.

In the SE study, all 201 assessed units meet the BRE Guideline's criteria, both with and without deciduous trees.

The SOG assessment revealed that the 3 planned public open spaces vastly exceed the criteria set by the BRE Guidelines.

This excellent performance is a result of the collaborative approach between 3DDB and the design team to optimise the buildings layout and design for maximum daylight and sunlight access.

Overall, the proposed development at Clonburris: Site 5 demonstrates a considerate approach to design, providing good daylight and sunlight access for future residents while minimizing impact on surrounding existing and planned properties.

Appendix - Results

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Appendix Contents

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

N

Proposed

March 21st 7:00

March 21st 8:00

March 21st 9:00

March 21st 10:00

G.0 G.1	Shadow Studies Shadow Study 21 March	Project: Clonburris Development: Site 5, Lucan, Co. Dublin	Granted Schemes (not built yet)	Proposed
	March 21st Sunrise 6:31 | Sunset 18:35	Applicant: South Dublin County Council		3D DESIGN BUREAU

N

Proposed

March 21st 11:00

March 21st 12:00

March 21st 13:00

March 21st 14:00

	Project: Clonburris Development: Site 5, Lucan, Co. Dublin	**Granted Schemes** (not built yet)	**Proposed**
March 21st **Sunrise 6:31 | Sunset 18:35**	**Applicant: South Dublin County Council**		3D DESIGN BUREAU

N

Proposed

March 21st 15:00

March 21st 16:00

March 21st 17:00

March 21st 18:00

	Project: Clonburris Development: Site 5, Lucan, Co. Dublin	**Granted Schemes** (not built yet)	**Proposed**
March 21st **Sunrise 6:31 | Sunset 18:35**	**Applicant: South Dublin County Council**		3D DESIGN BUREAU

N

Proposed

June 21st 6:00

June 21st 7:00

June 21st 8:00

June 21st 9:00

G.2	**Shadow Study 21 June**	**Project: Clonburris Development: Site 5, Lucan, Co. Dublin**	**Granted Schemes (not built yet)**	**Proposed**
	June 21st Sunrise 5:05 | Sunset 21:50	**Applicant: South Dublin County Council**		3D DESIGN BUREAU

N

Proposed

June 21st 10:00

June 21st 11:00

June 21st 12:00

June 21st 13:00

	Project: Clonburris Development: Site 5, Lucan, Co. Dublin	**Granted Schemes (not built yet)**	**Proposed**
June 21st Sunrise 5:05 | Sunset 21:50	**Applicant: South Dublin County Council**		3D DESIGN BUREAU

N

Proposed

June 21st 14:00

June 21st 15:00

June 21st 16:00

June 21st 17:00

	Project: Clonburris Development: Site 5, Lucan, Co. Dublin	**Granted Schemes** (not built yet)	**Proposed**
June 21st **Sunrise 5:05 | Sunset 21:50**	**Applicant: South Dublin County Council**		3D DESIGN BUREAU

N

Proposed

June 21st 18:00

June 21st 19:00

June 21st 20:00

June 21st 21:00

	Project: Clonburris Development: Site 5, Lucan, Co. Dublin	**Granted Schemes** (not built yet)	**Proposed**
June 21st **Sunrise 5:05 | Sunset 21:50**	**Applicant: South Dublin County Council**		3D DESIGN BUREAU

N

Proposed

December 21st 9:00

December 21st 10:00

December 21st 11:00

December 21st 12:00

G.3	Shadow Study 21 December	Project: Clonburris Development: Site 5, Lucan, Co. Dublin	Granted Schemes (not built yet)	Proposed
	December 21st Sunrise 8:46 | Sunset 16:01	Applicant: South Dublin County Council		3D DESIGN BUREAU

N

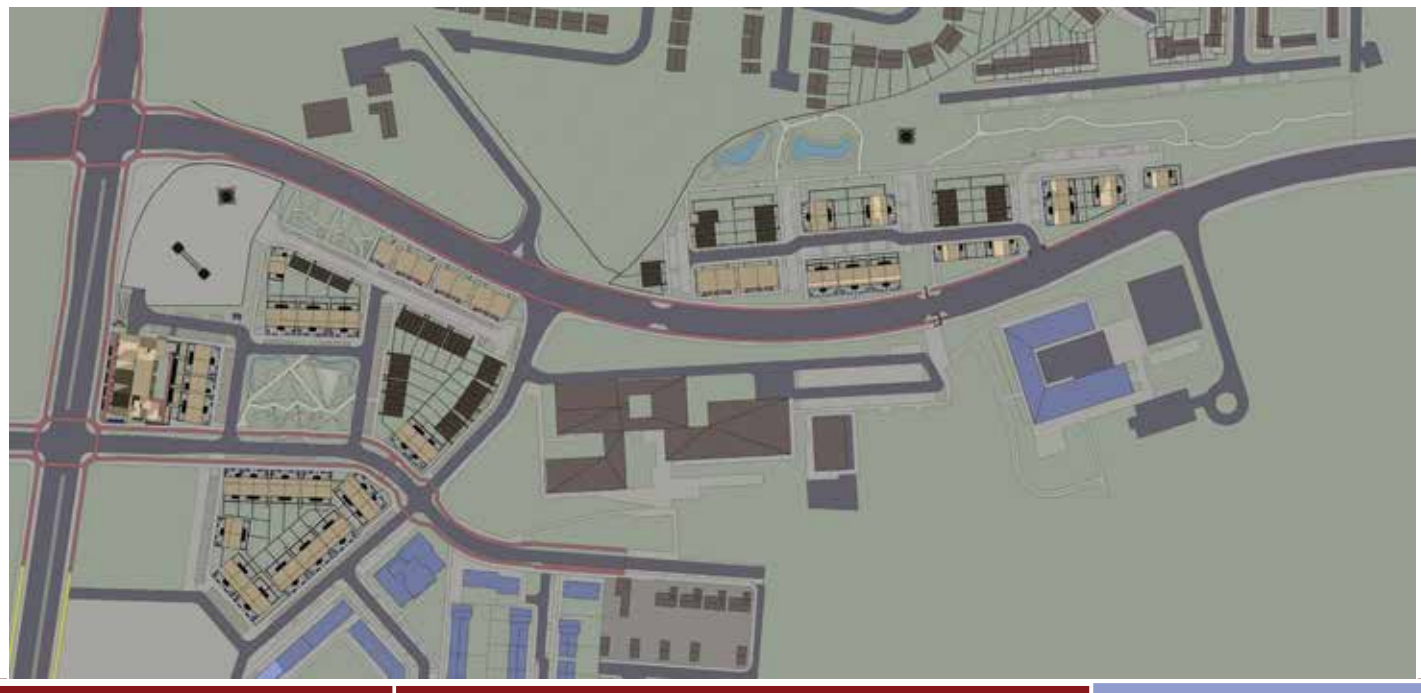
Proposed

December 21st 13:00

December 21st 14:00

December 21st 15:00

December 21st 16:00



	Project: Clonburris Development: Site 5, Lucan, Co. Dublin	**Granted Schemes** (not built yet)	**Proposed**
December 21st **Sunrise 8:46 | Sunset 16:01**	**Applicant: South Dublin County Council**		3D DESIGN BUREAU

H.0 Scheme Performance

H.1 Proposed Floor Plans of the assessed units

H.1.1 Proposed Floor Plans - Apartment Block

Figure H.1: Apartment Block - Site Location

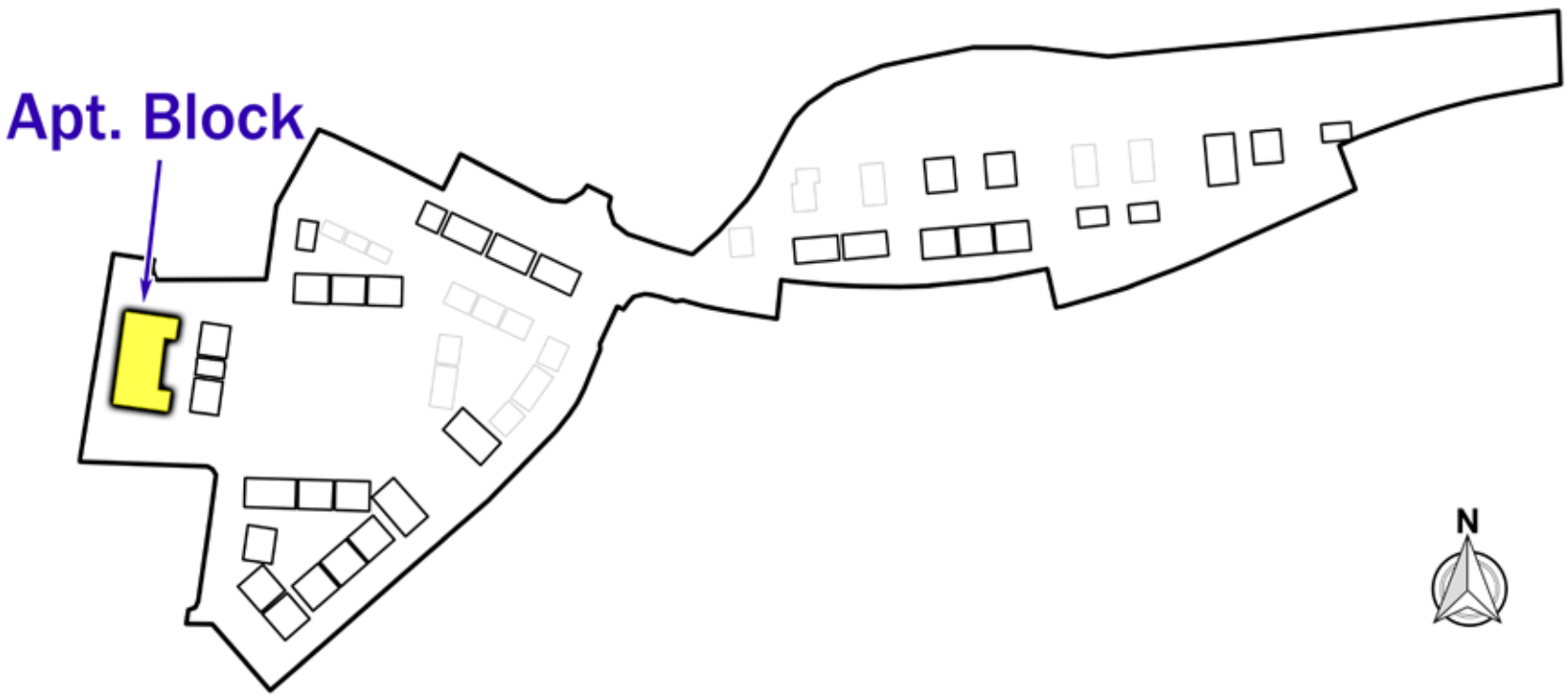


Figure H.2: Apartment Block 1 - Level 01

Figure H.3: Apartment Block 1 - Level 02

Figure H.4: Apartment Block 1 - Level 03

Figure H.5: Apartment Block 1 - Level 04

Figure H.6: Apartment Block 1 - Level 05

Figure H.7: Apartment Block 1 - Level 06

H.1.2 Proposed Floor Plans - Triplexes Group 1A

Figure H.8: Block Triplexes Group 1A - Site Location

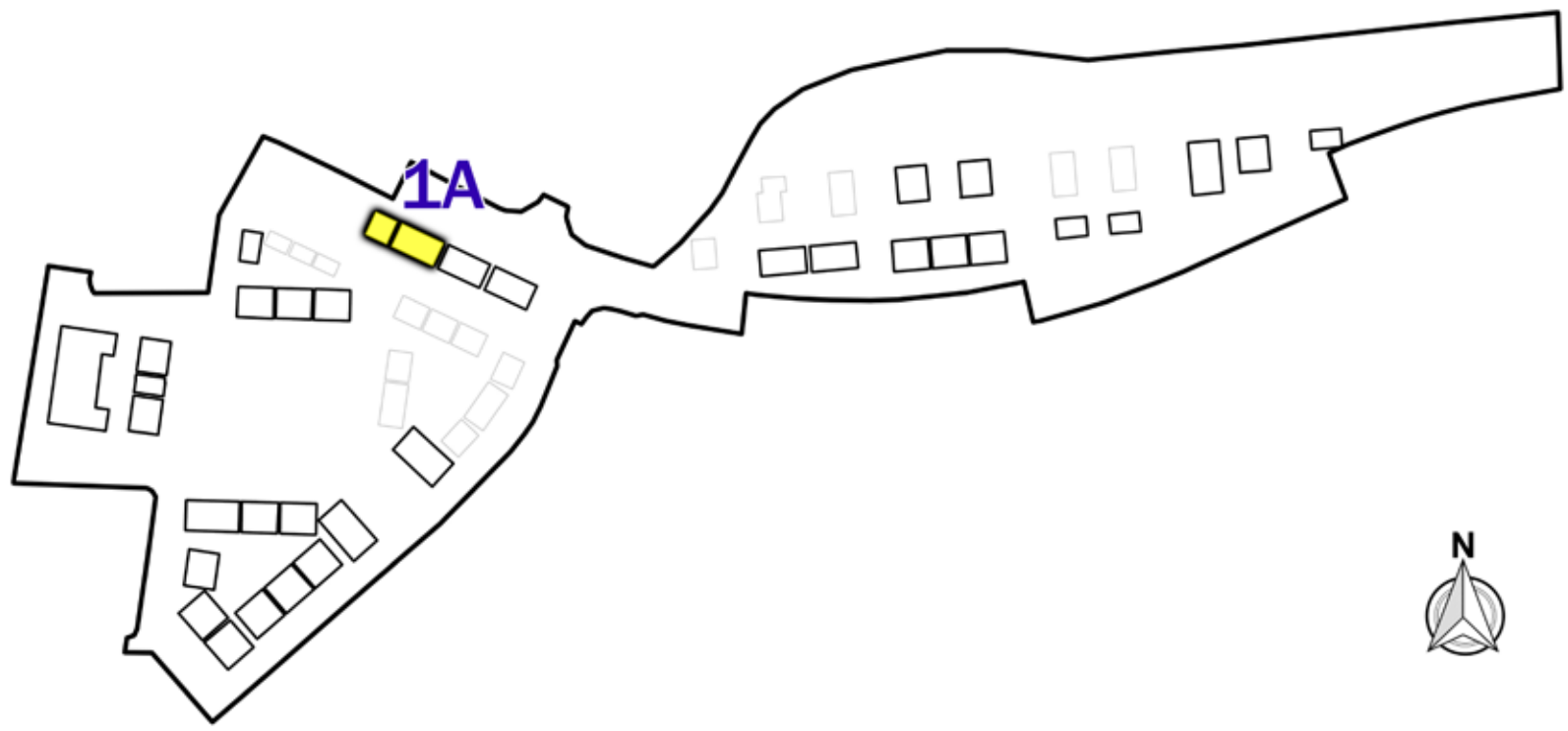


Figure H.9: Triplexes Group 1A - Level 00

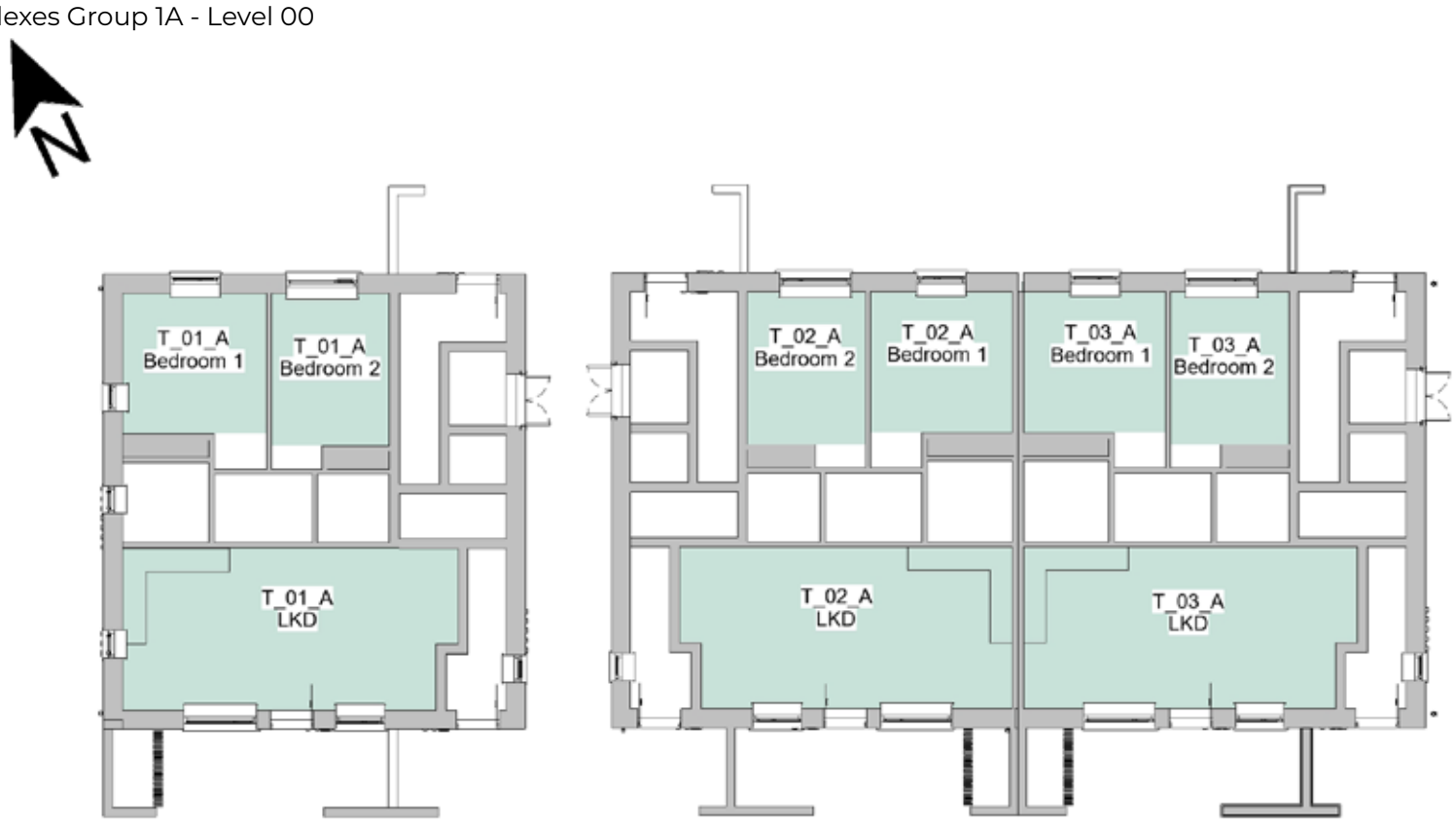


Figure H.10: Triplexes Group 1A - Level 01

Figure H.11: Triplexes Group 1A - Level 02

H.1.3 Proposed Floor Plans - Triplexes Group 1B

Figure H.12: Triplexes Group 1B - Site Location

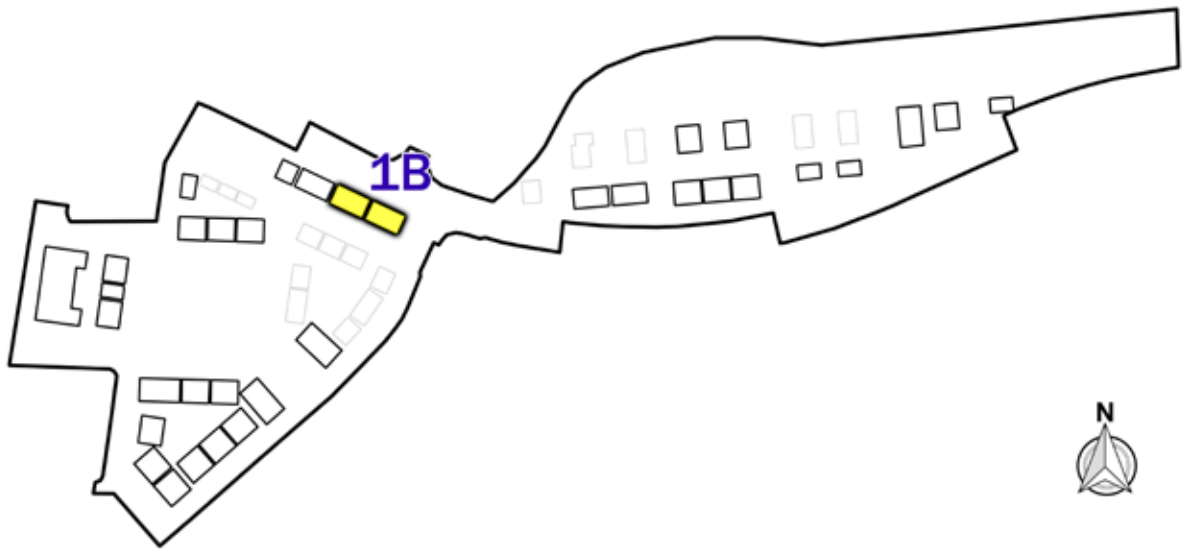


Figure H.13: Triplexes Group 1B - Level 00

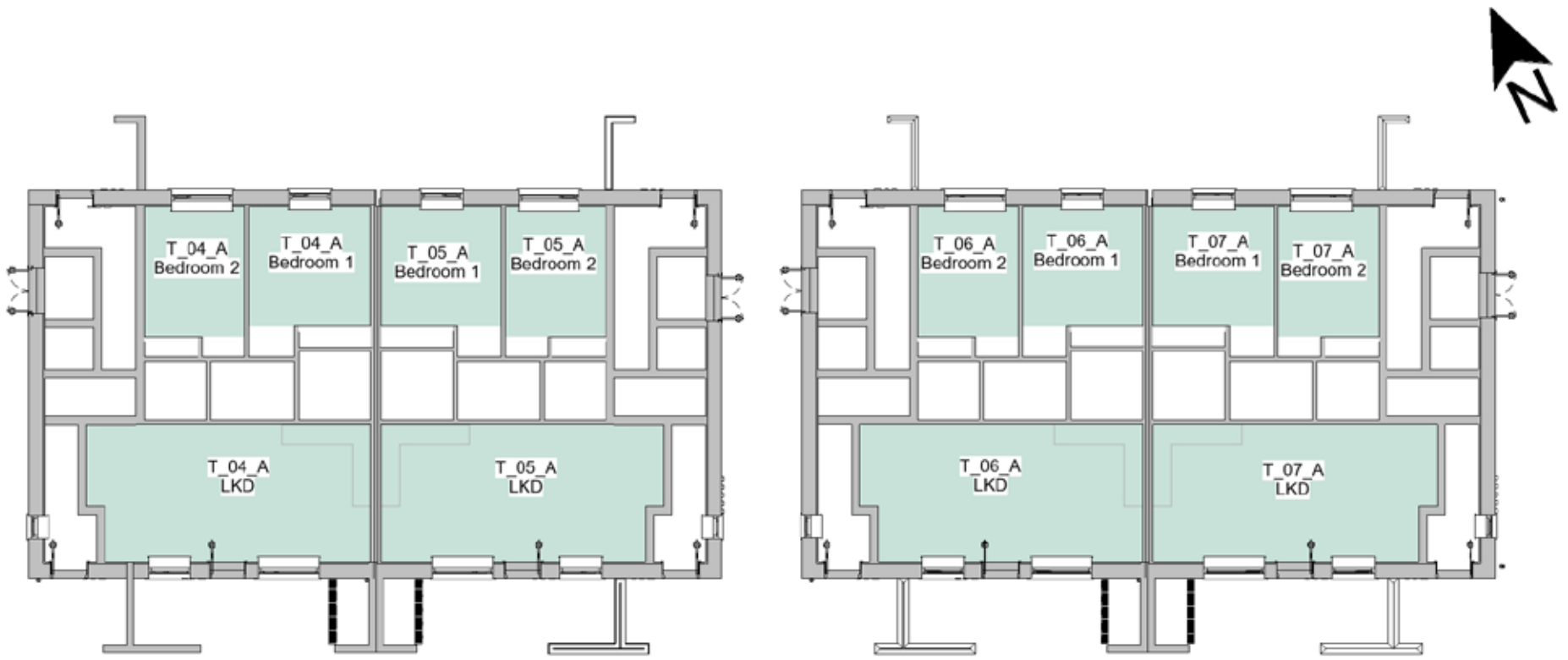


Figure H.14: Triplexes Group 1B - Level 01

Figure H.15: Triplexes Group 1B - Level 02

H.1.4 Proposed Floor Plans - Triplexes Group 2

Figure H.16: Triplexes Group 2 - Site Location

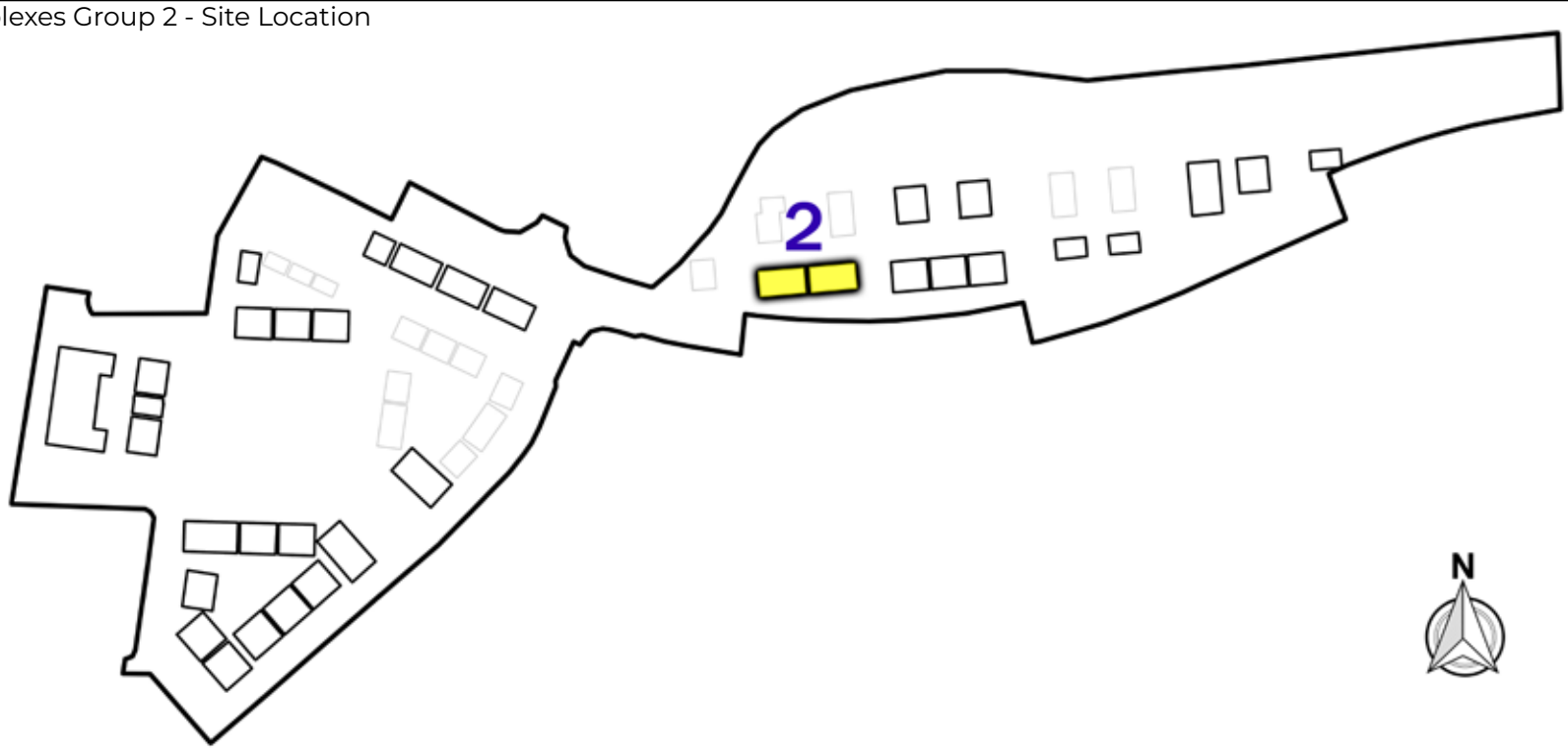


Figure H.17: Triplexes Group 2 - Level 00

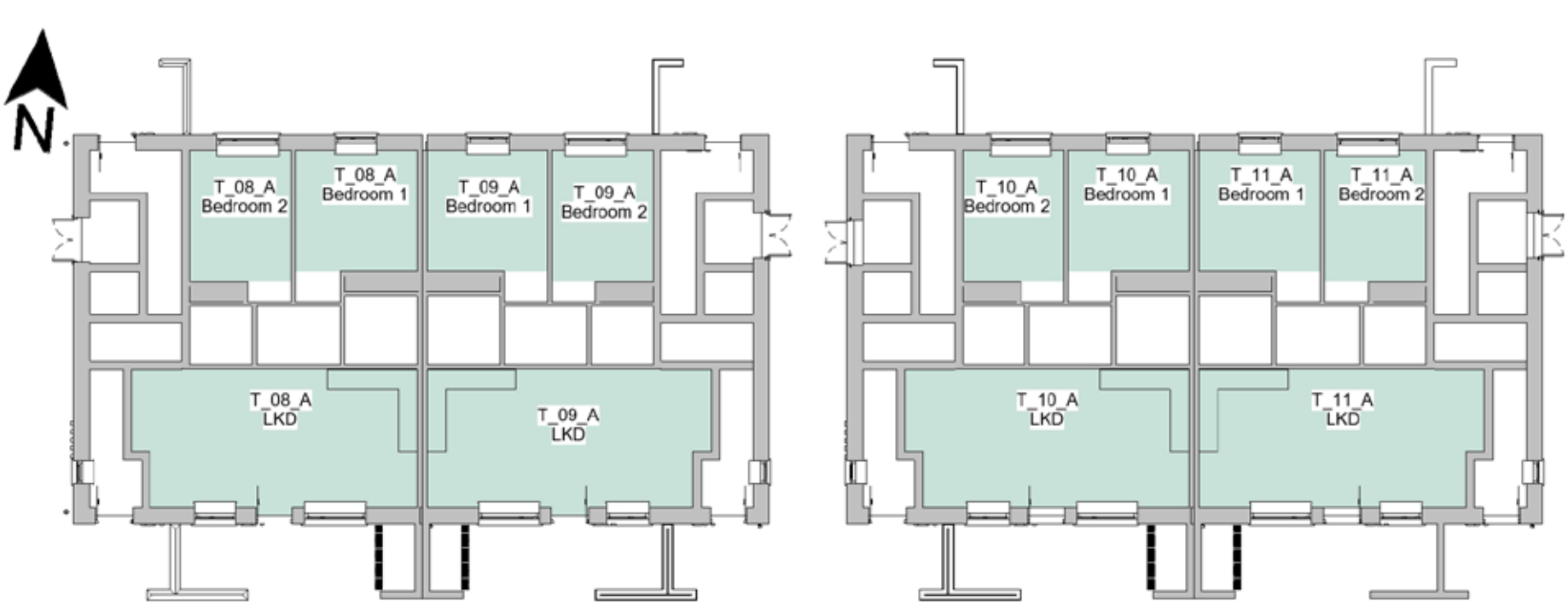


Figure H.18: Triplexes Group 2 - Level 01

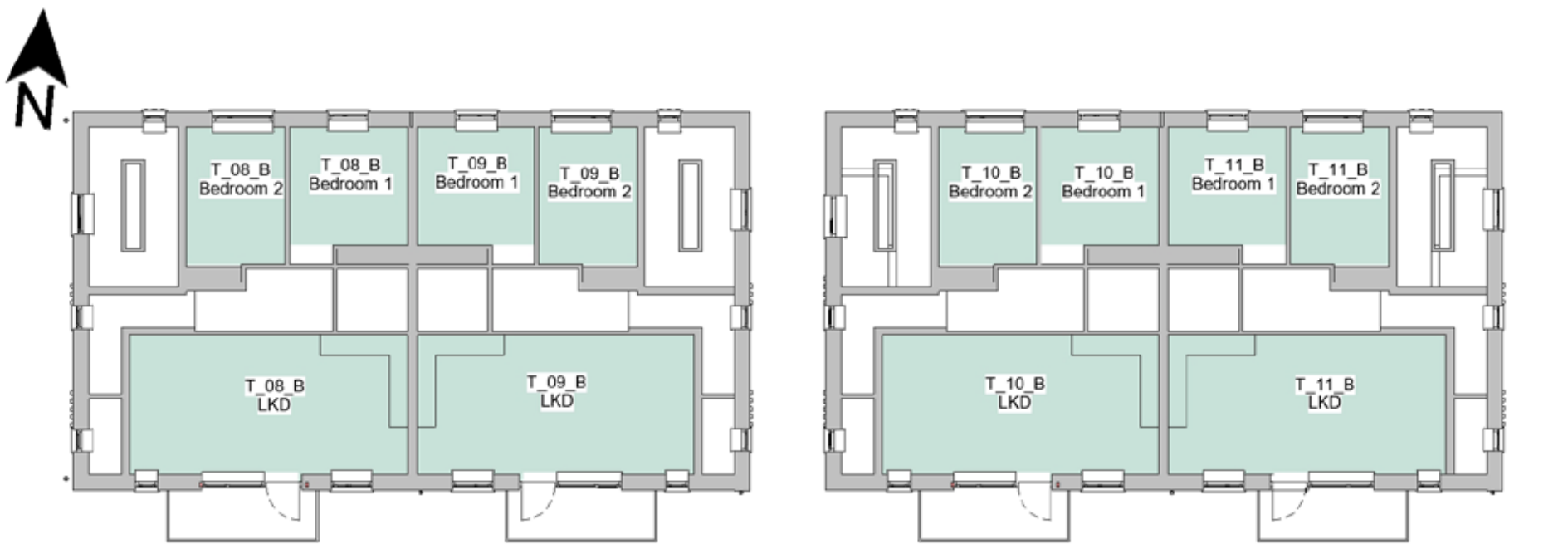
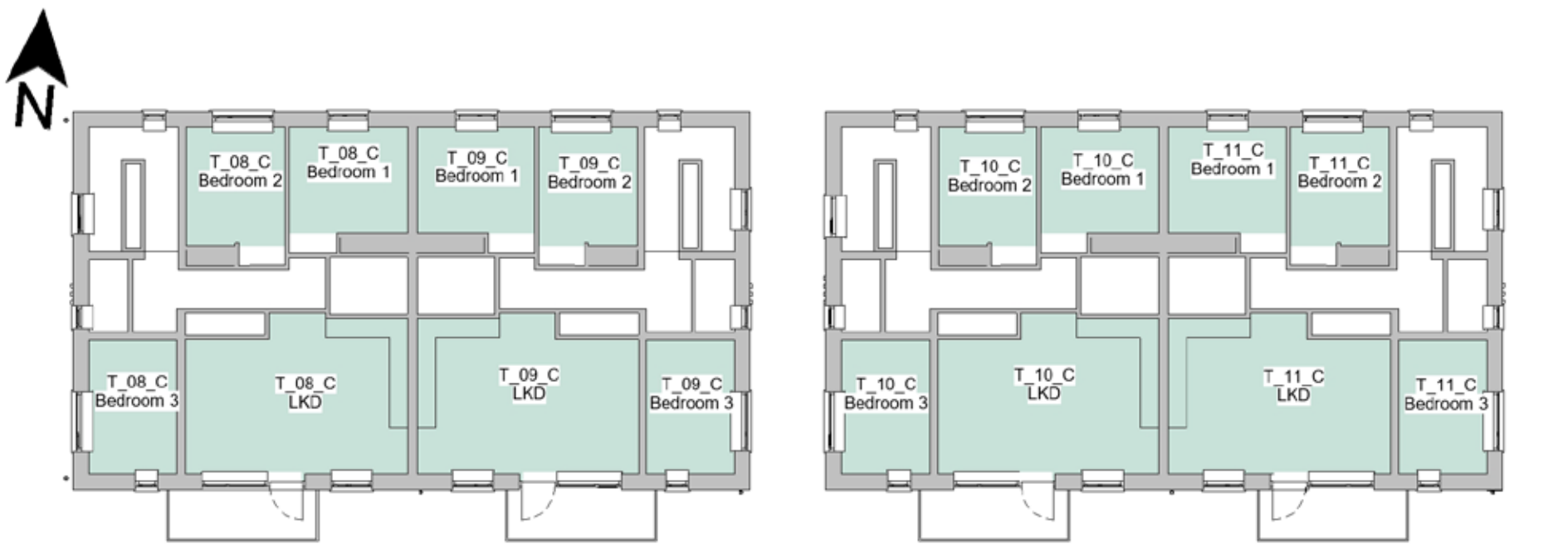


Figure H.19: Triplexes Group 2 - Level 02



H.1.5 Proposed Floor Plans - Duplexes Group A

Figure H.20: Duplexes Group A - Site Location

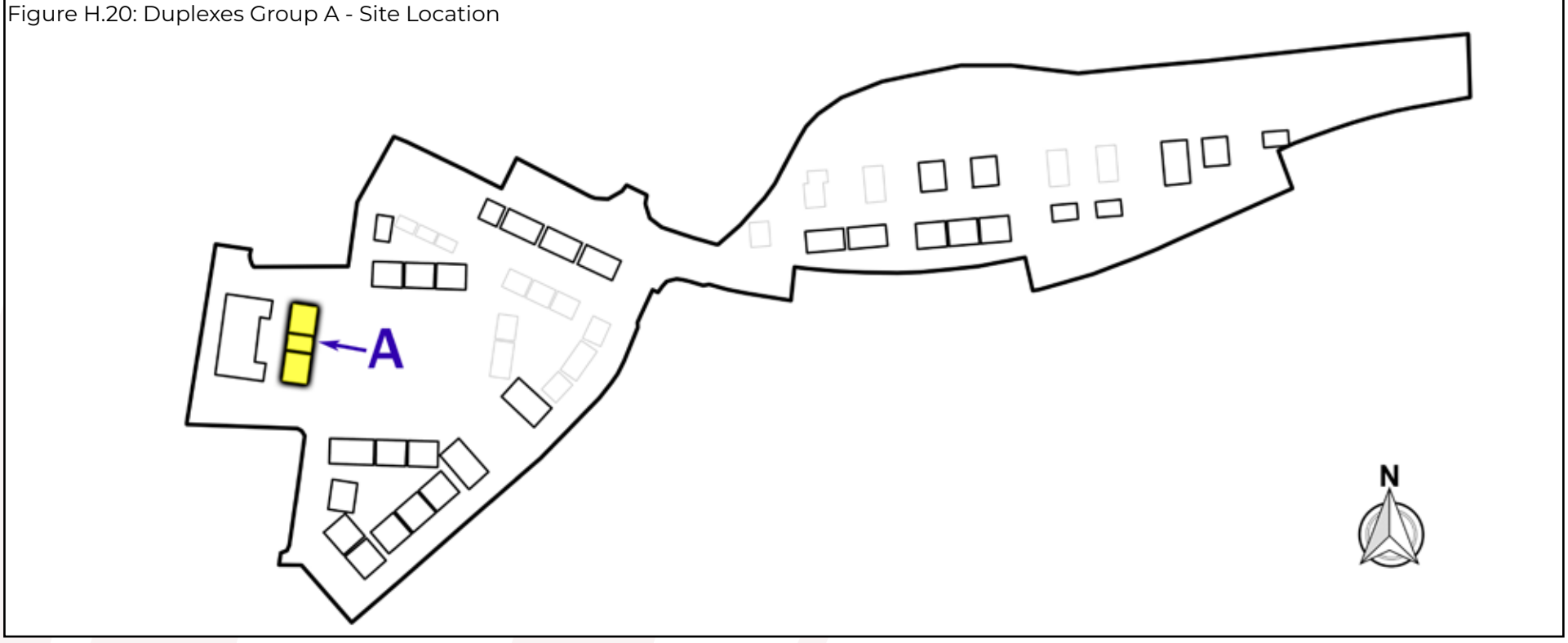


Figure H.21: Duplexes Group A - Level 00

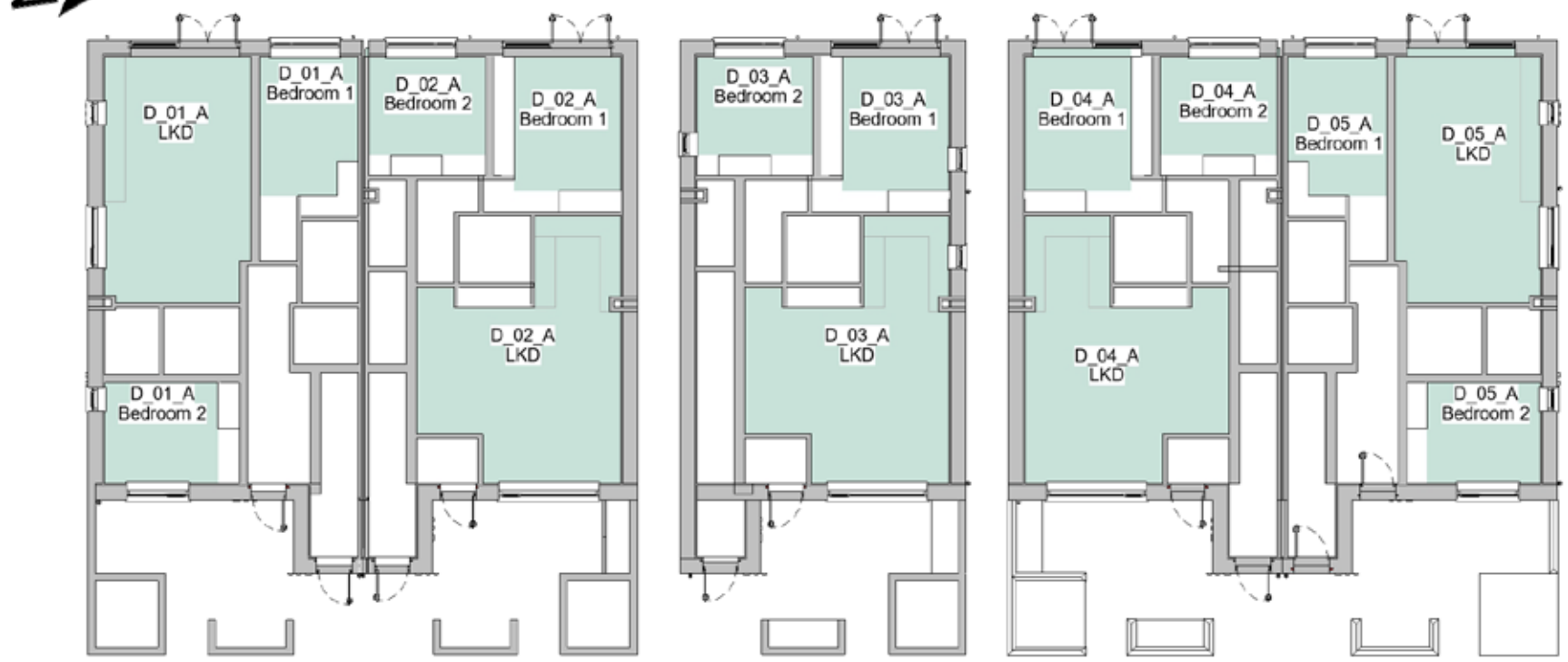


Figure H.22: Duplexes Group A - Level 01

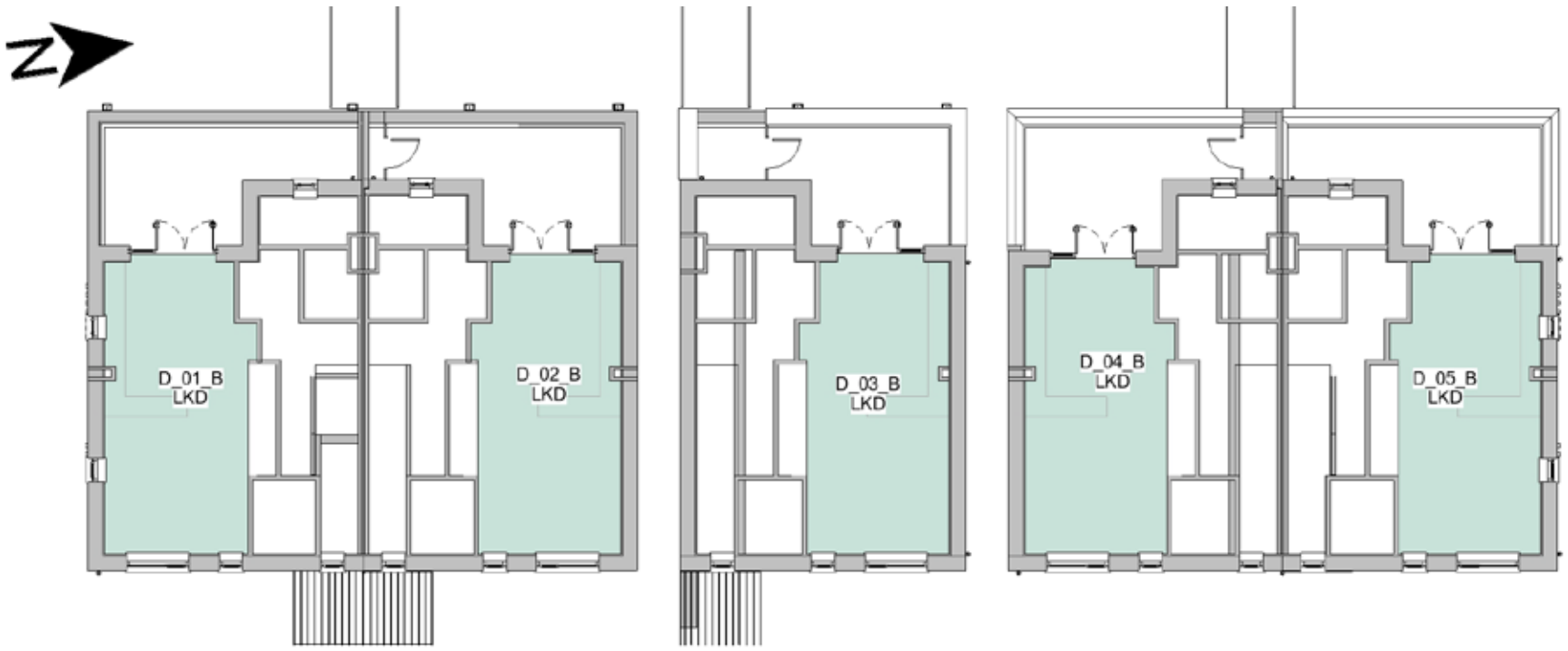


Figure H.23: Duplexes Group A - Level 02

H.1.6 Proposed Floor Plans - Duplexes Group B

Figure H.24: Duplexes Group B - Site Location

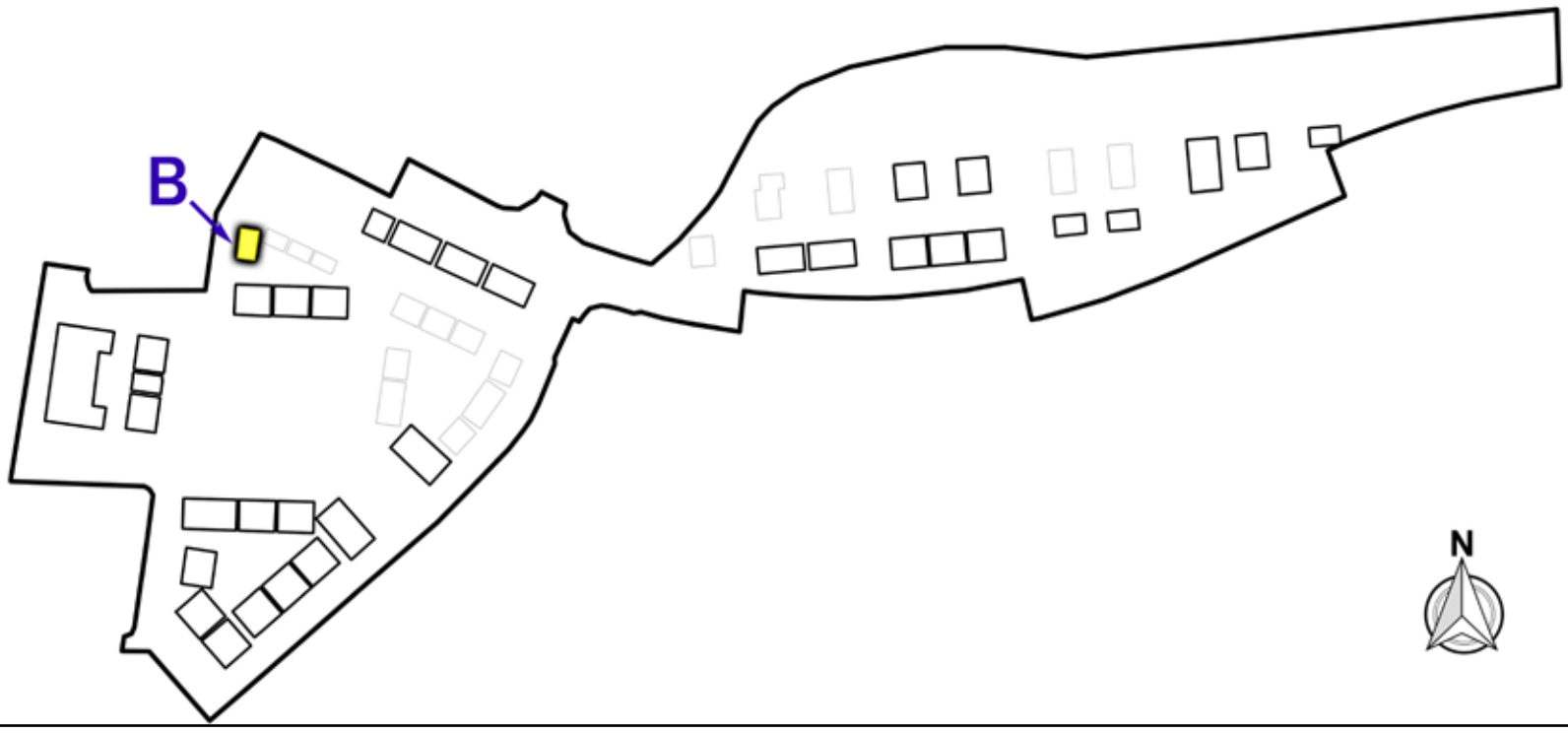


Figure H.25: Duplexes Group B - Level 00

Figure H.26: Duplexes Group B - Level 01

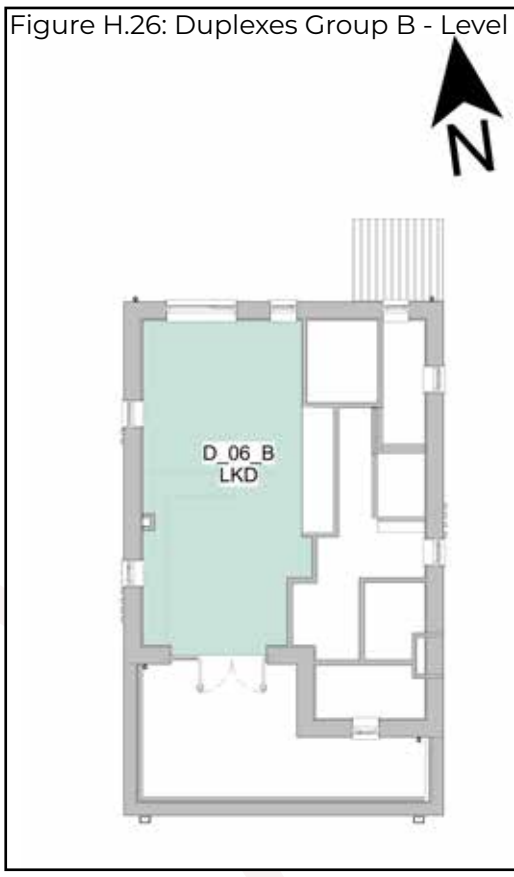


Figure H.27: Duplexes Group B - Level 02

H.1.7 Proposed Floor Plans - Duplexes Group C

Figure H.28: Duplexes Group C - Site Location

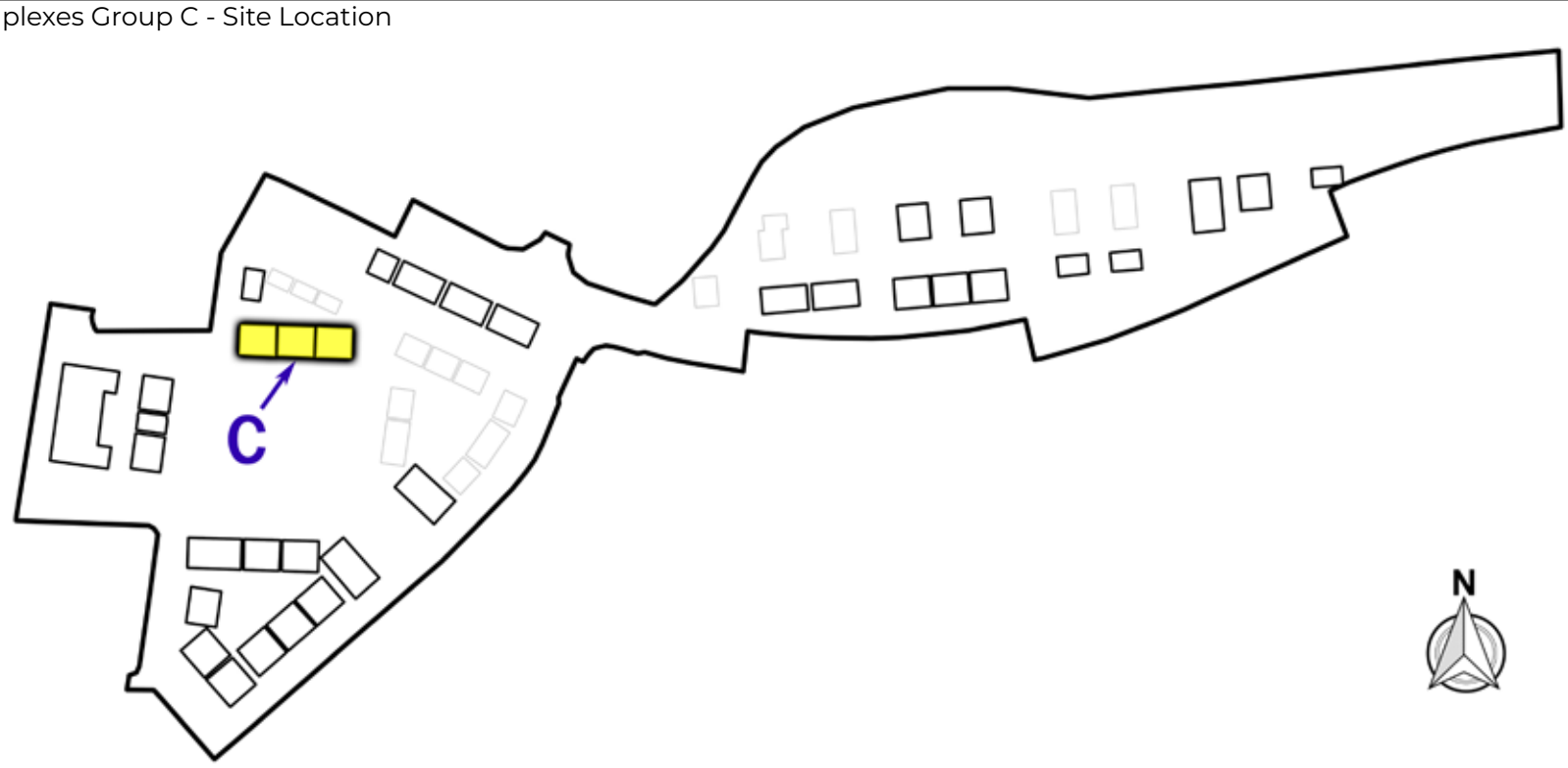


Figure H.29: Duplexes Group C - Level 00

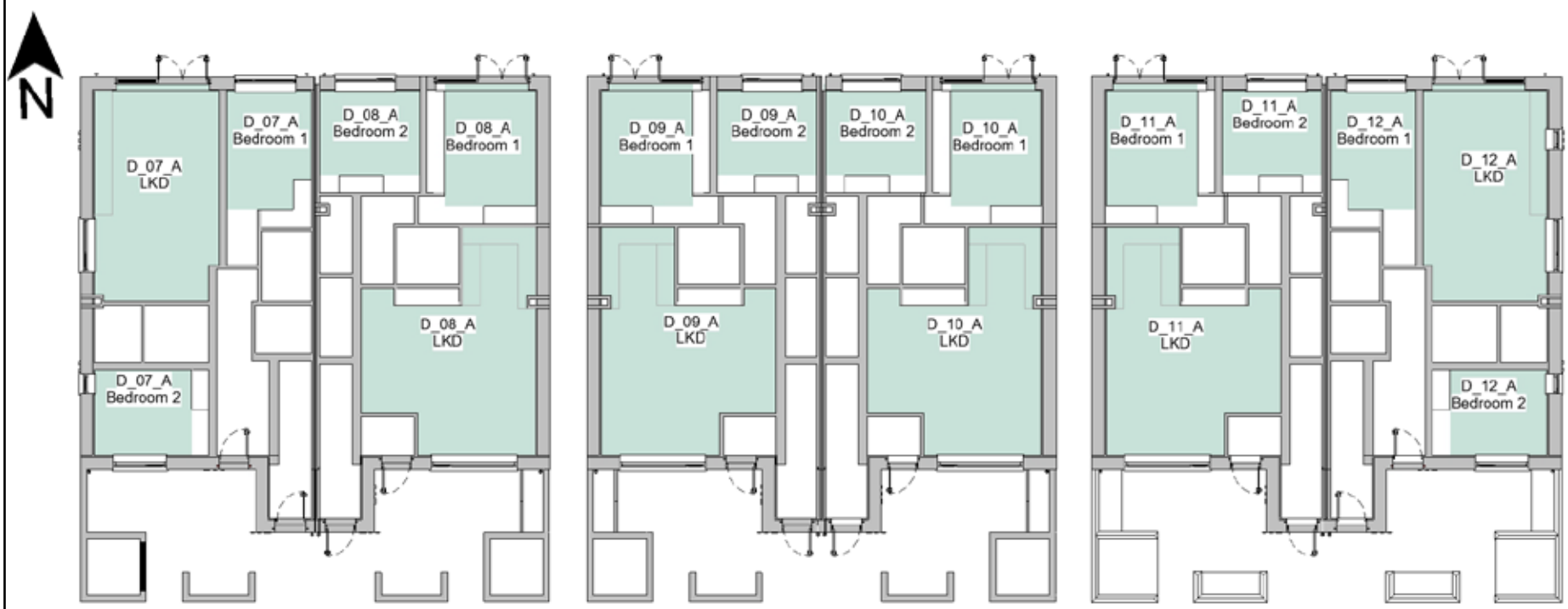


Figure H.30: Duplexes Group C - Level 01

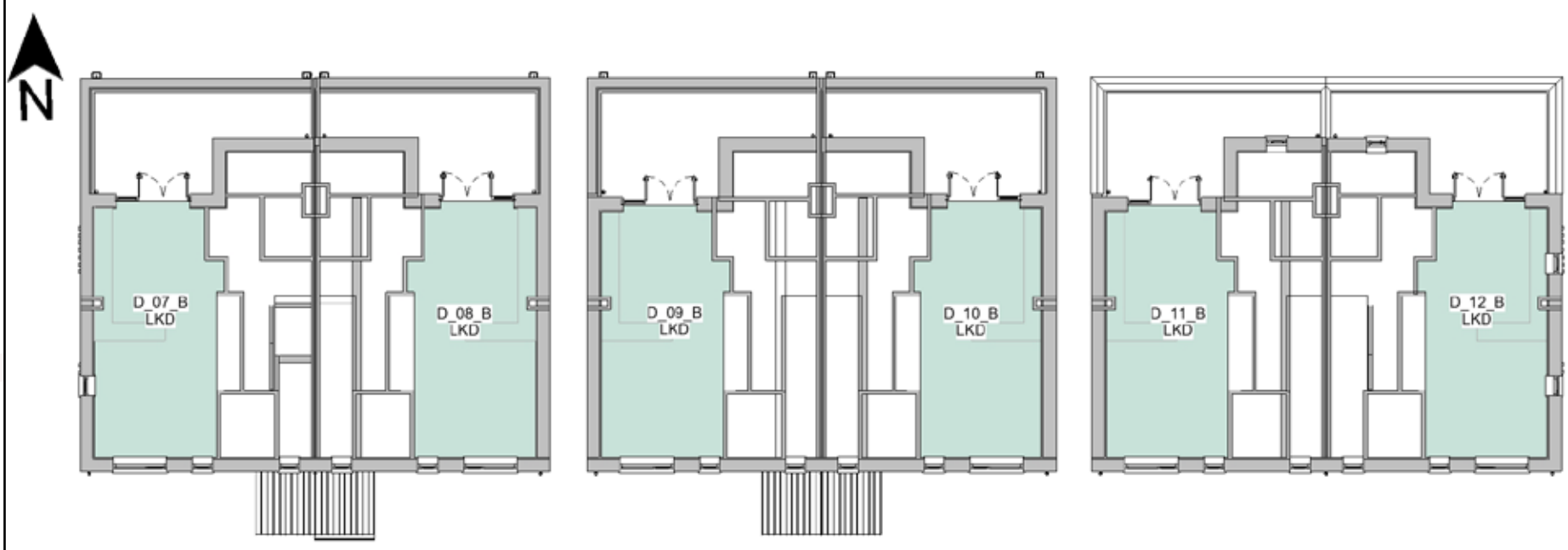
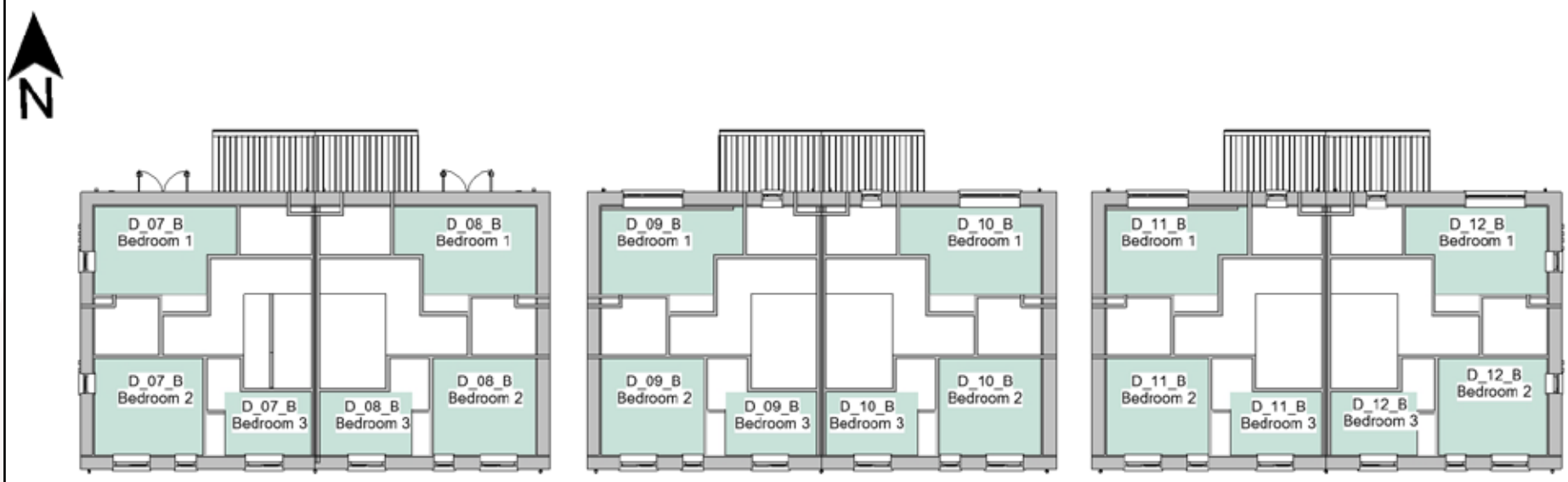


Figure H.31: Duplexes Group C - Level 02



H.1.8 Proposed Floor Plans - Duplexes Group D

Figure H.32: Duplexes Group D - Site Location

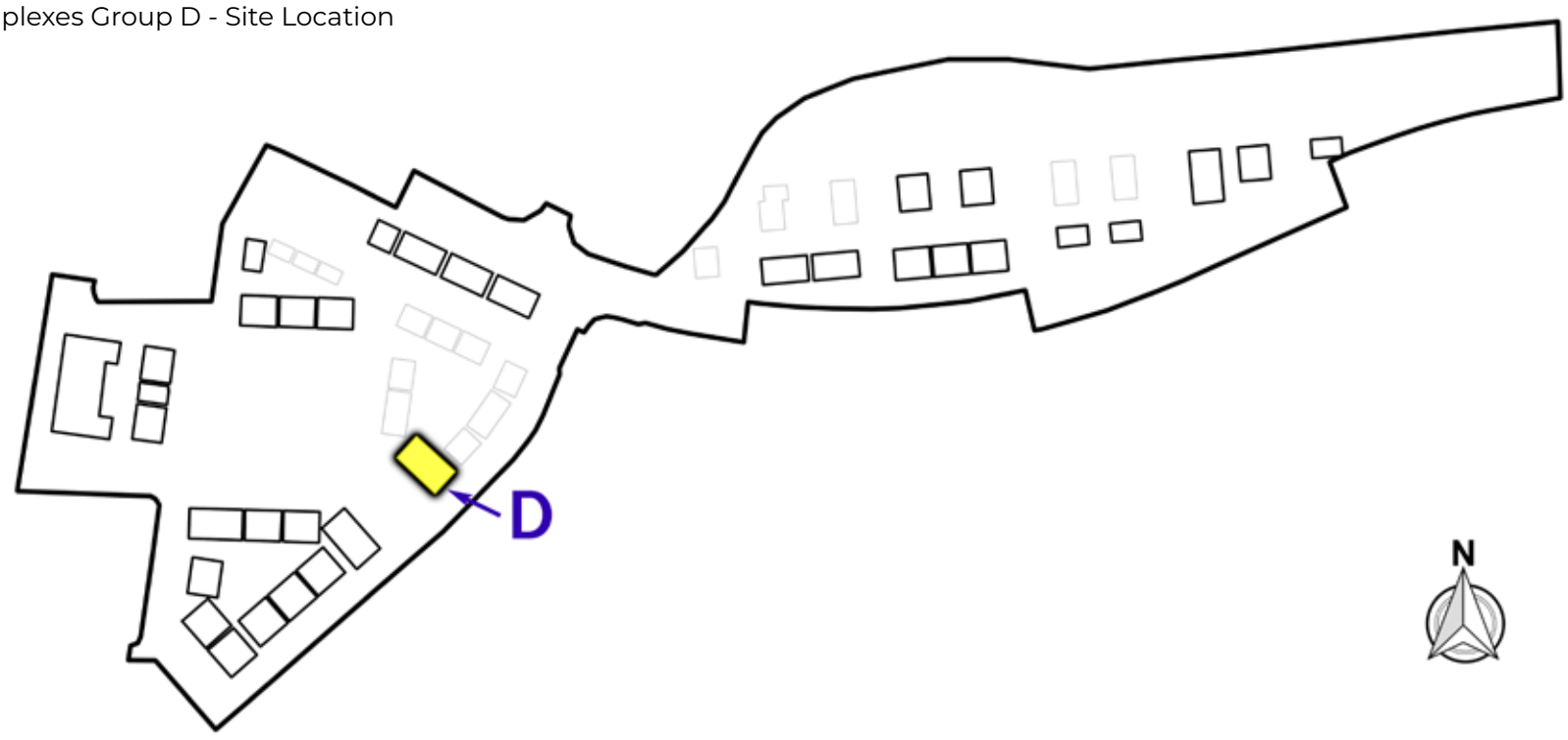


Figure H.33: Duplexes Group D - Level 00

Figure H.34: Duplexes Group D - Level 01

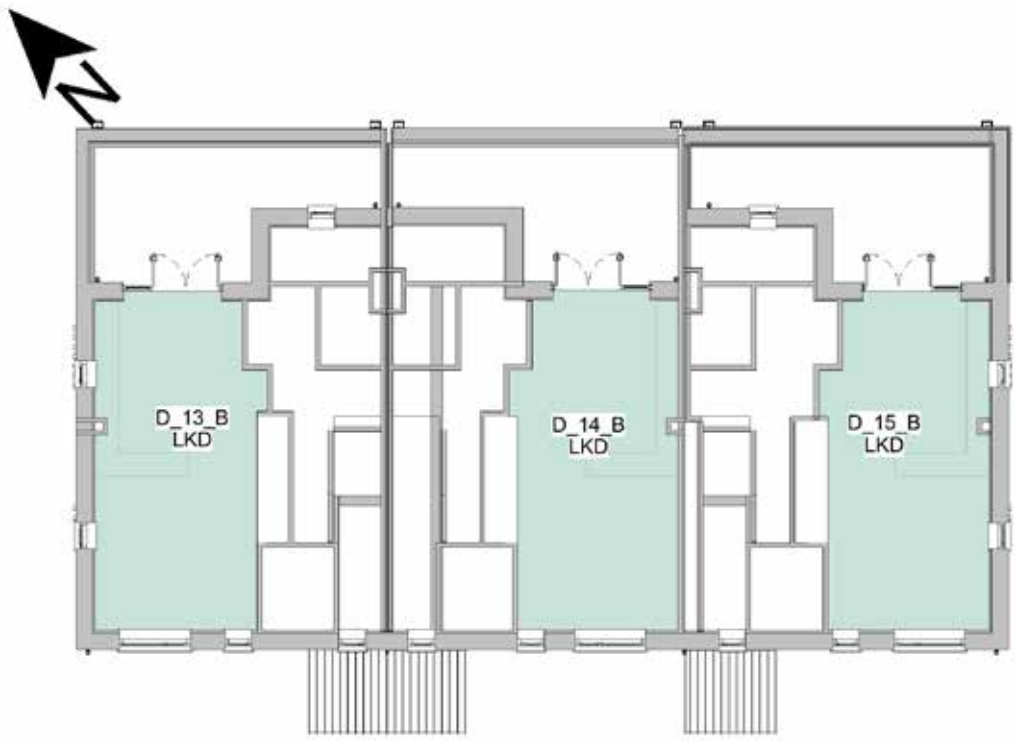
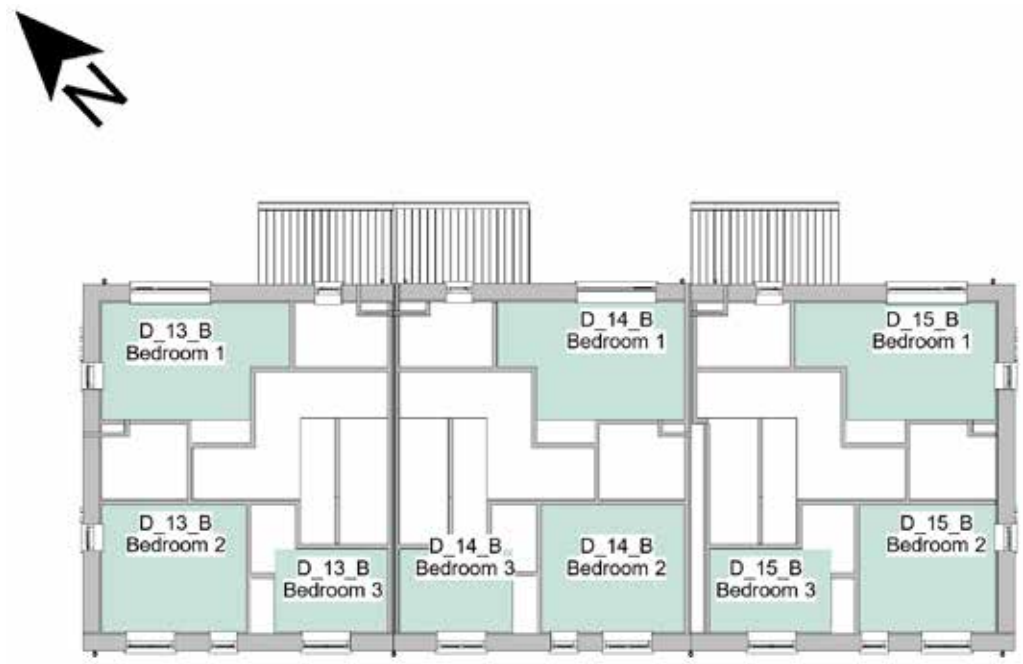


Figure H.35: Duplexes Group D - Level 02



H.1.9 Proposed Floor Plans - Duplexes Group E

Figure H.36: Duplexes Group E - Site Location

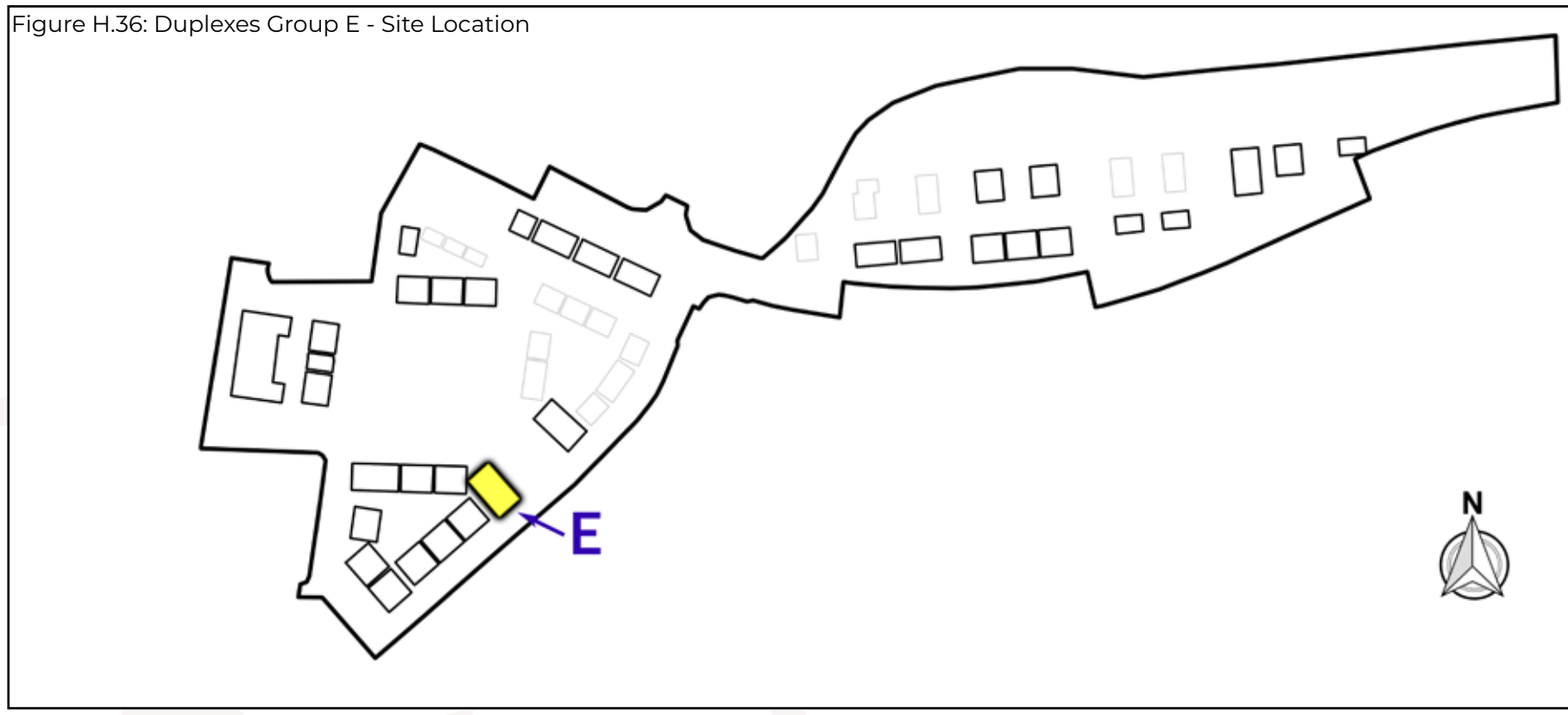


Figure H.37: Duplexes Group E - Level 00

Figure H.38: Duplexes Group E - Level 01

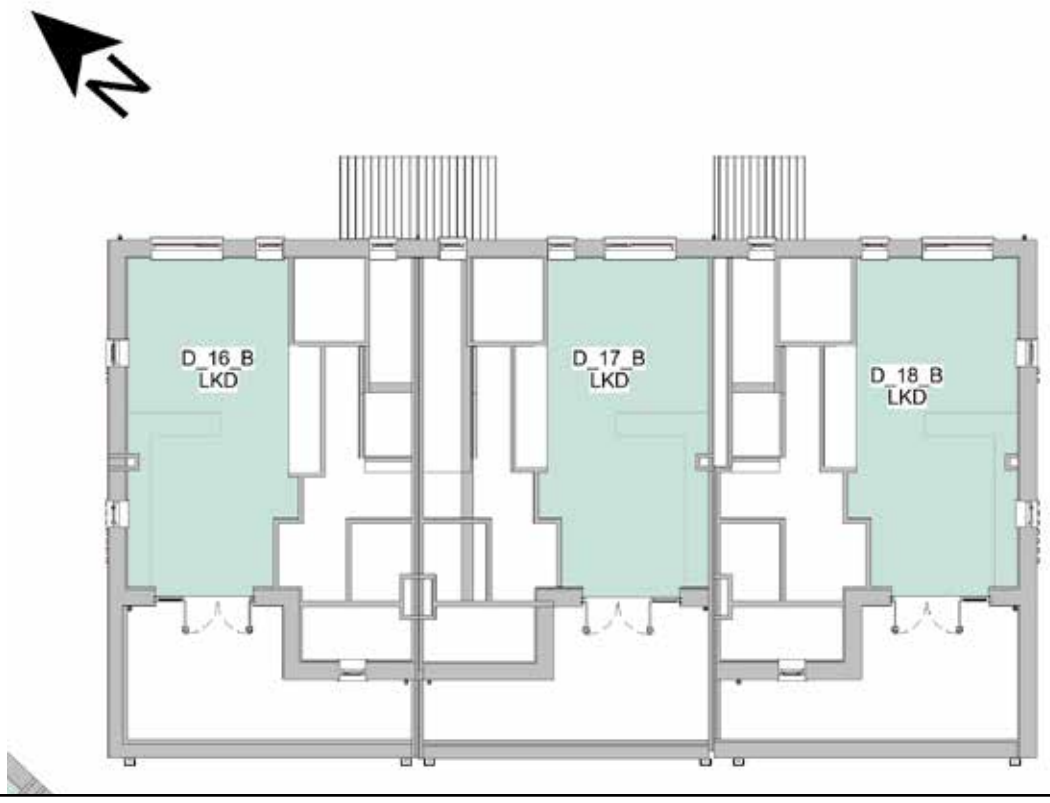


Figure H.39: Duplexes Group E - Level 02

H.1.10 Proposed Floor Plans - Duplexes Group F

Figure H.40: Duplexes Group F - Site Location

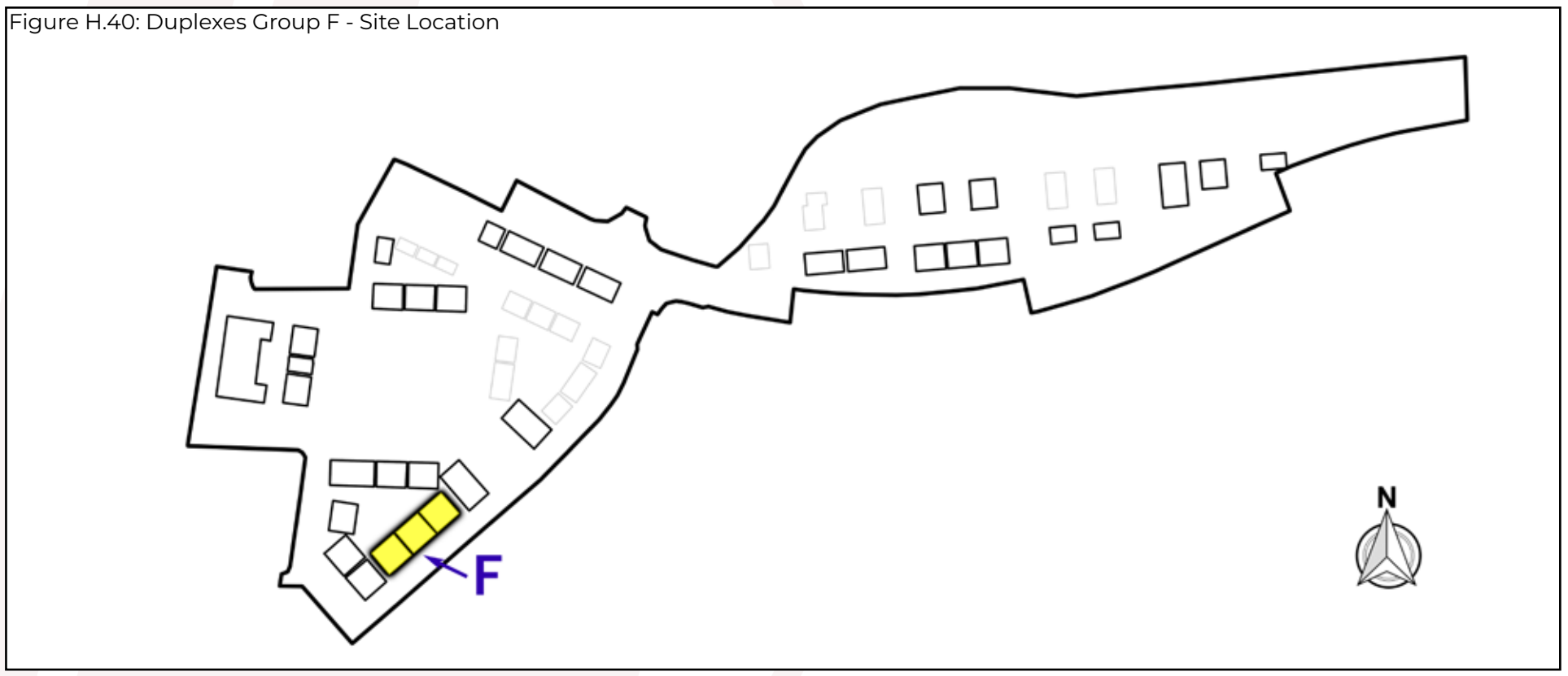


Figure H.41: Duplexes Group F - Level 00

Figure H.42: Duplexes Group F - Level 01

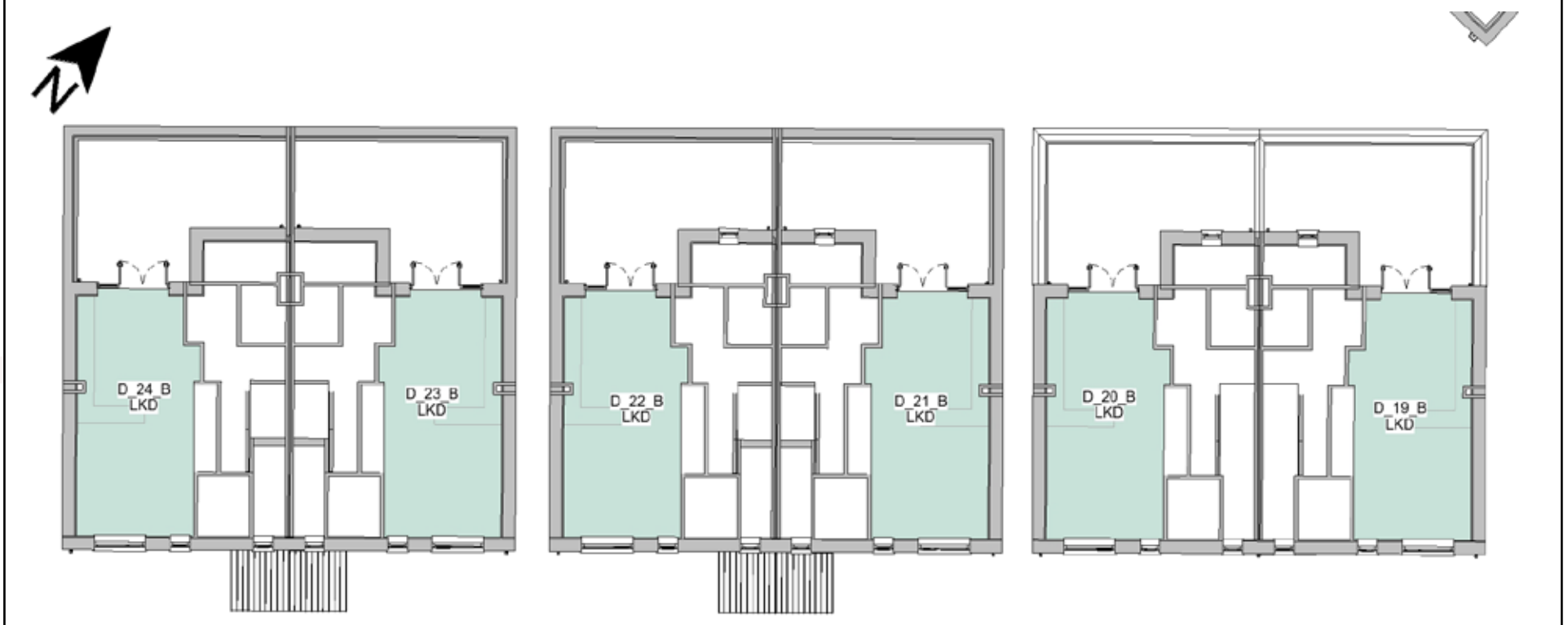
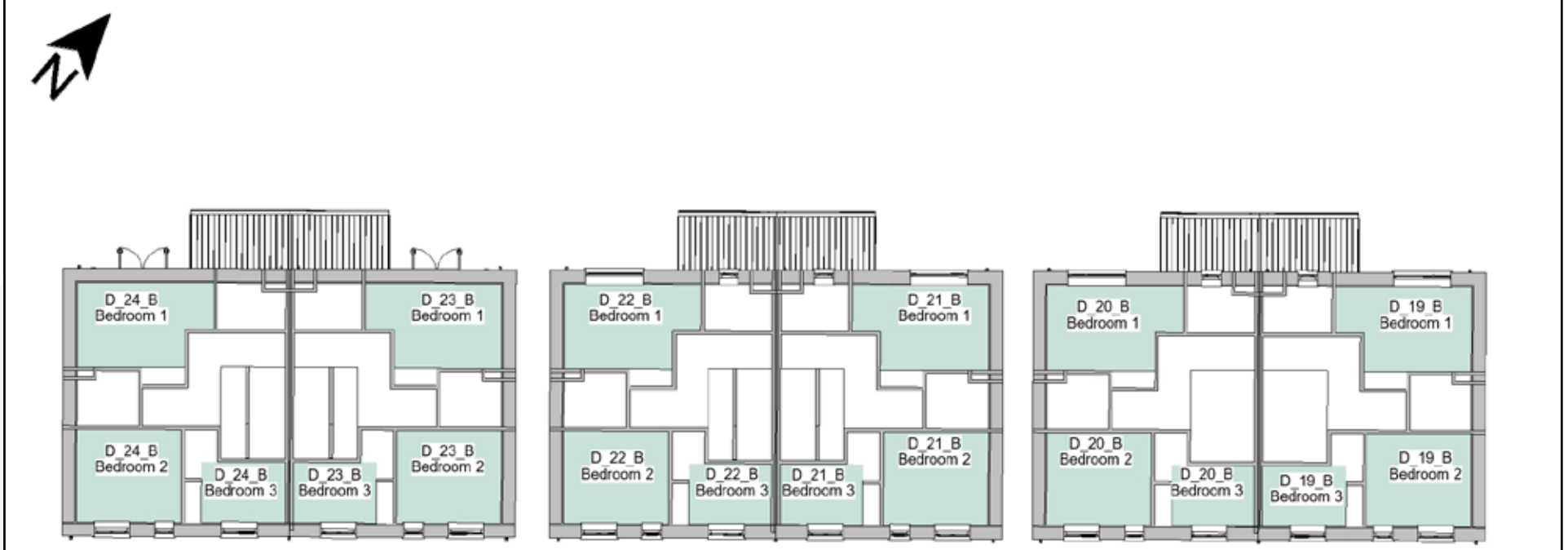


Figure H.43: Duplexes Group F - Level 02



H.1.11 Proposed Floor Plans - Duplexes Group G

Figure H.44: Duplexes Group G - Site Location

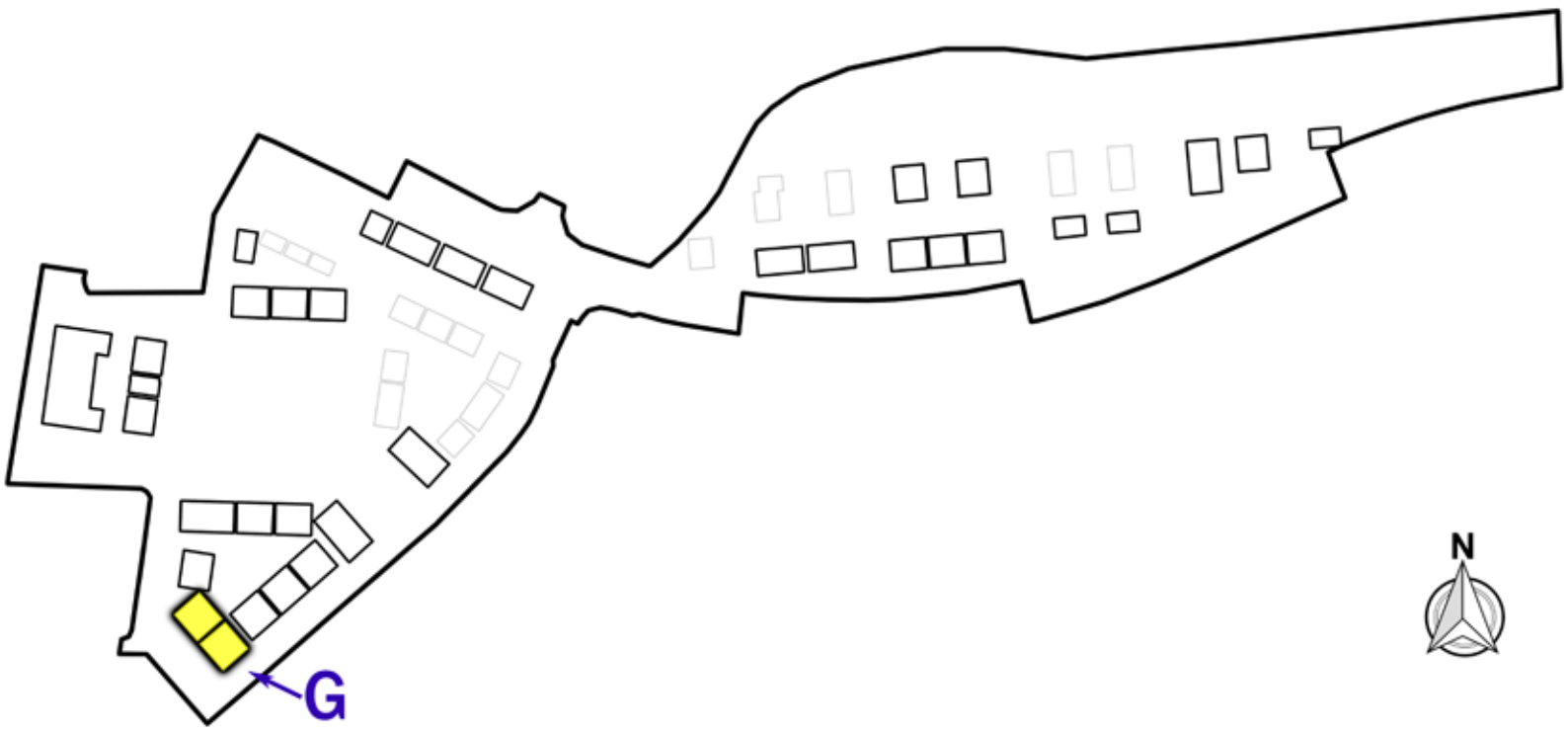


Figure H.45: Duplexes Group G - Level 00

Figure H.46: Duplexes Group G - Level 01

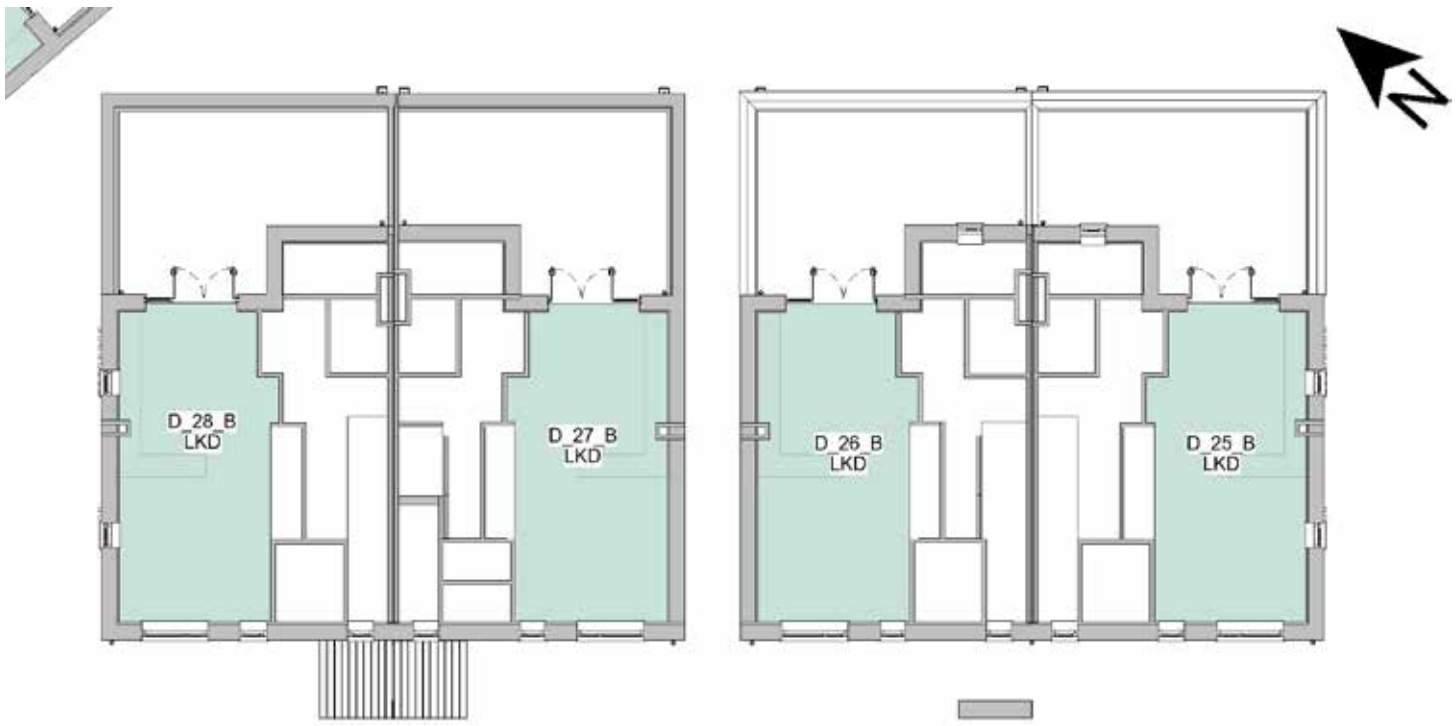
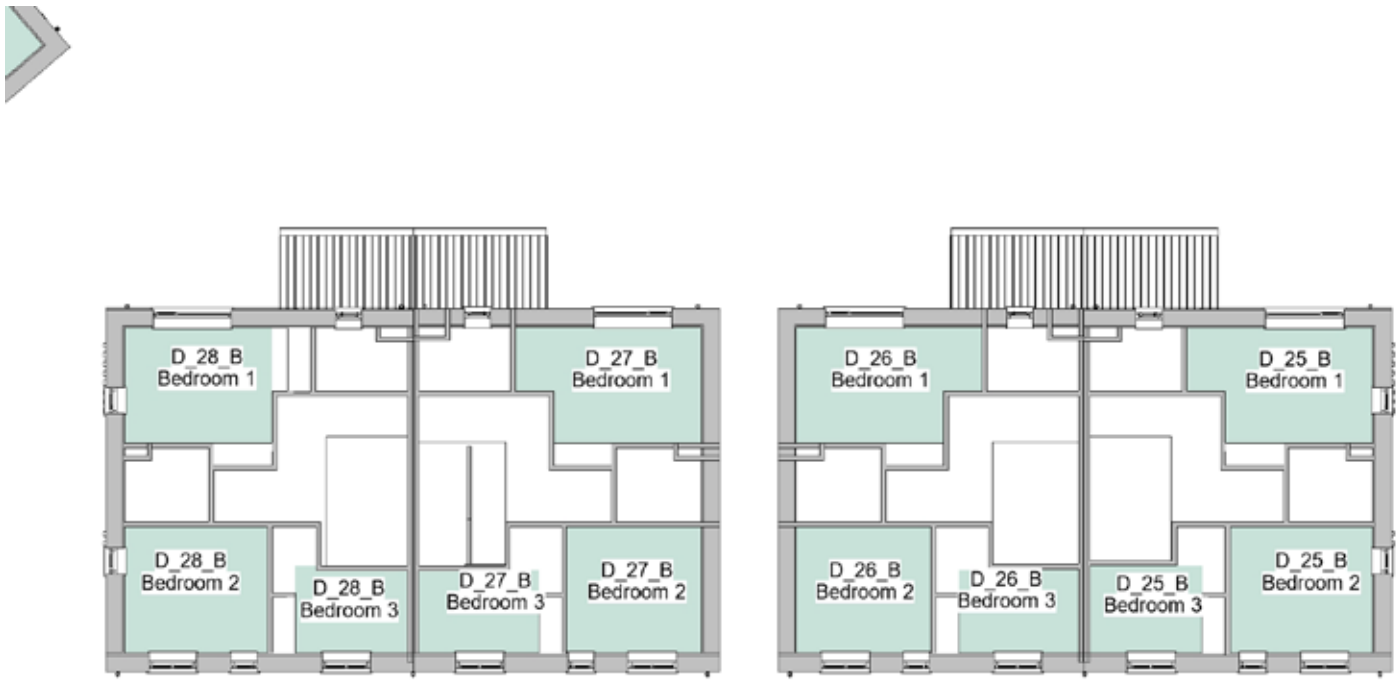


Figure H.47: Duplexes Group G - Level 02



H.1.12 Proposed Floor Plans - Duplexes Group H

Figure H.48: Duplexes Group H - Site Location

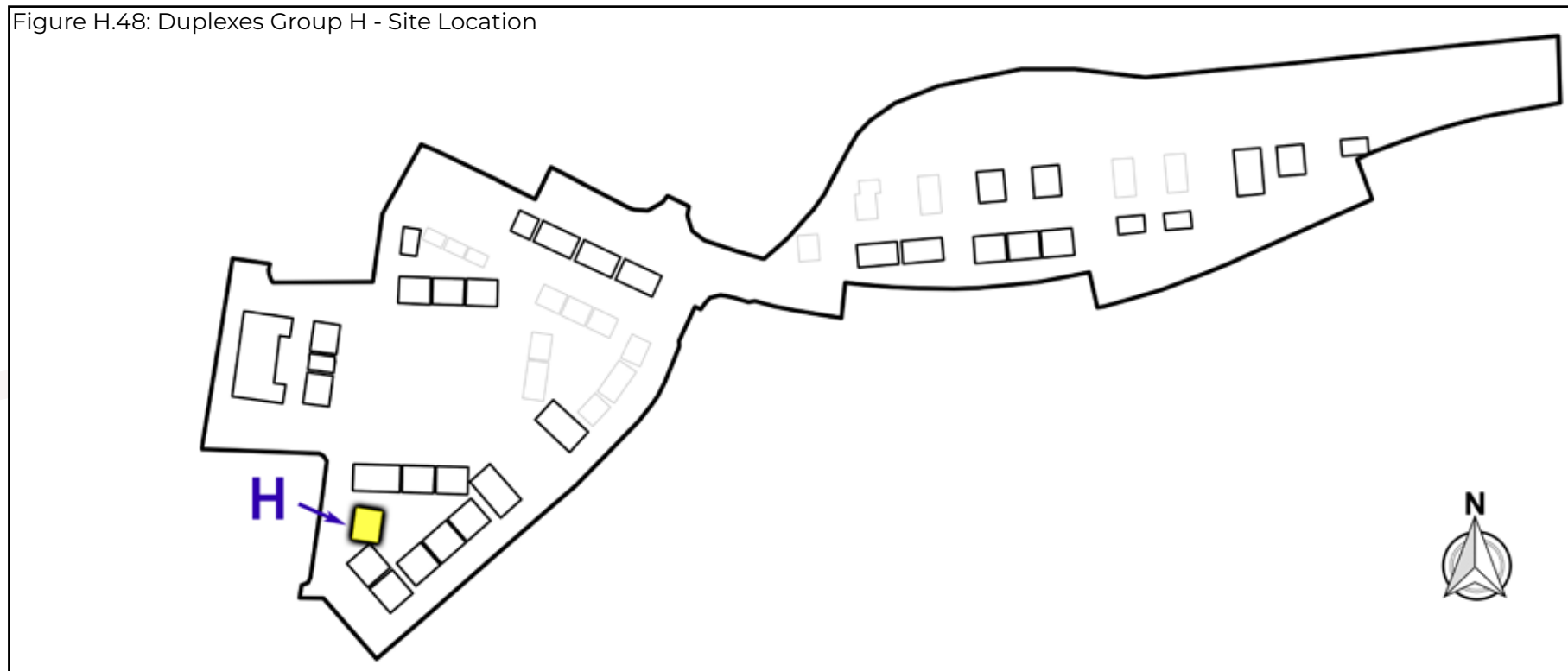


Figure H.49: Duplexes Group H - Level 00

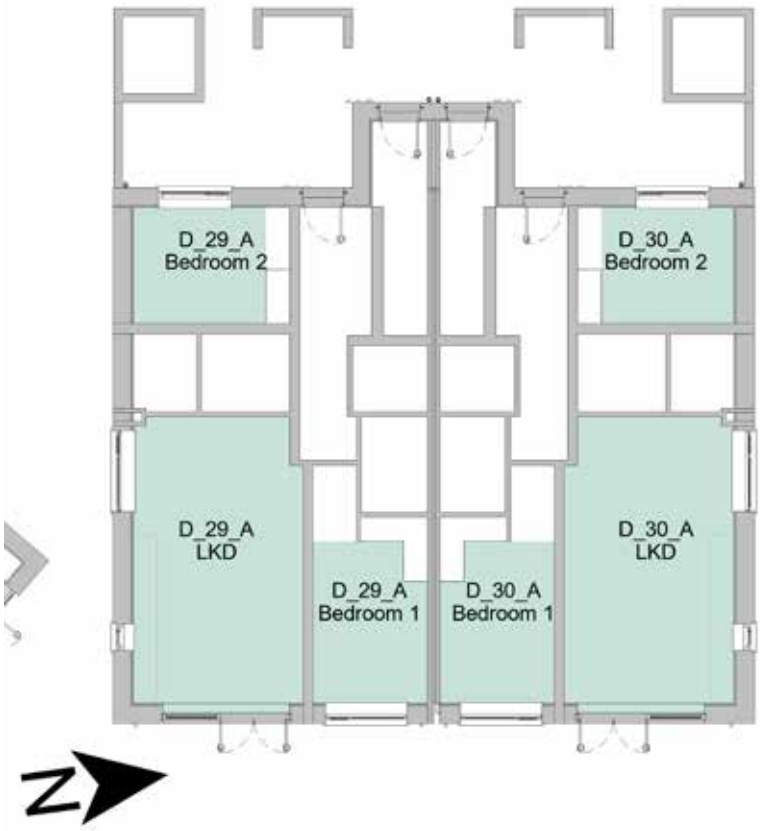


Figure H.50: Duplexes Group H - Level 01

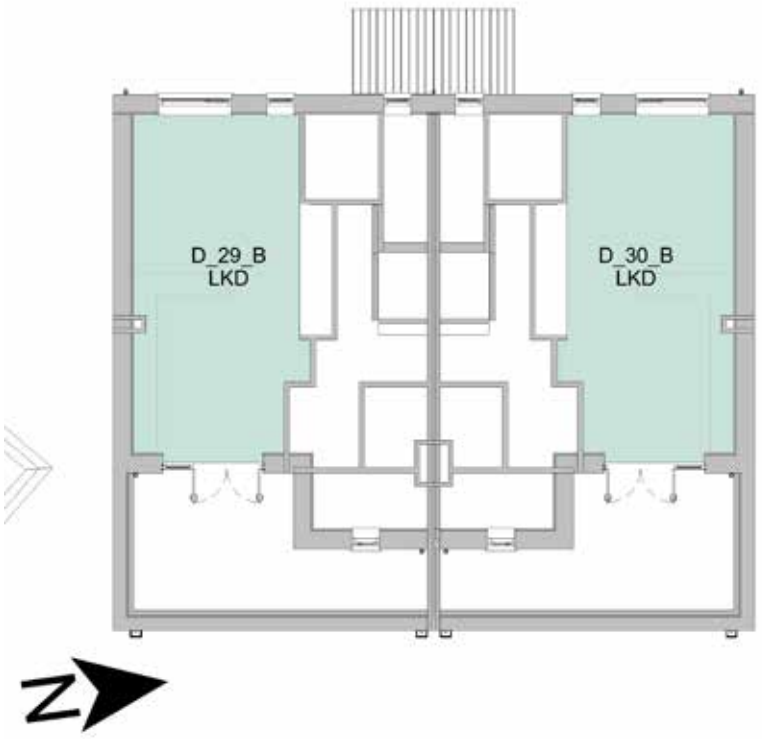


Figure H.51: Duplexes Group H - Level 02

H.1.13 Proposed Floor Plans - Duplexes Group I1

Figure H.52: Duplexes Group I1 - Site Location

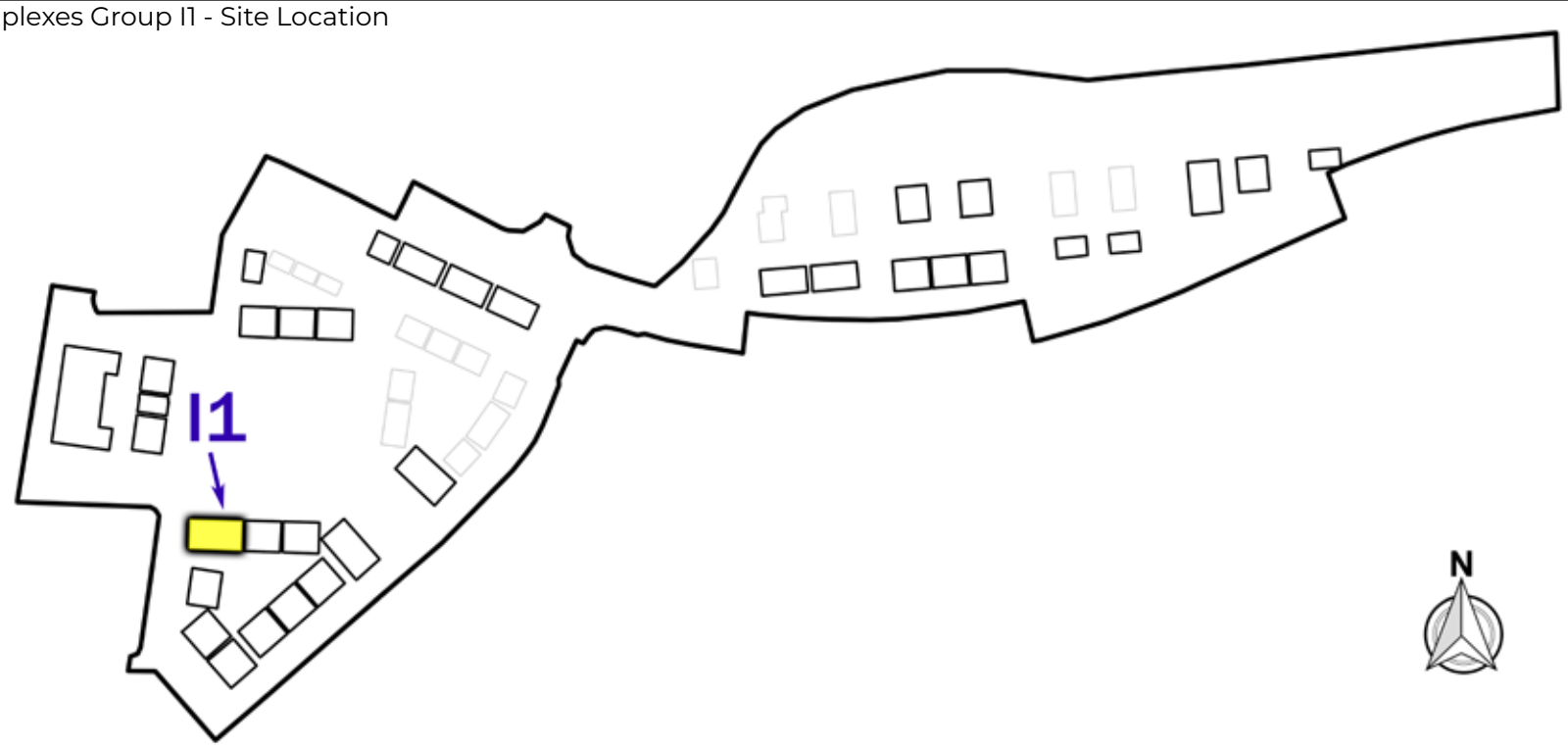


Figure H.53: Duplexes Group I1 - Level 00

Figure H.54: Duplexes Group I1 - Level 01

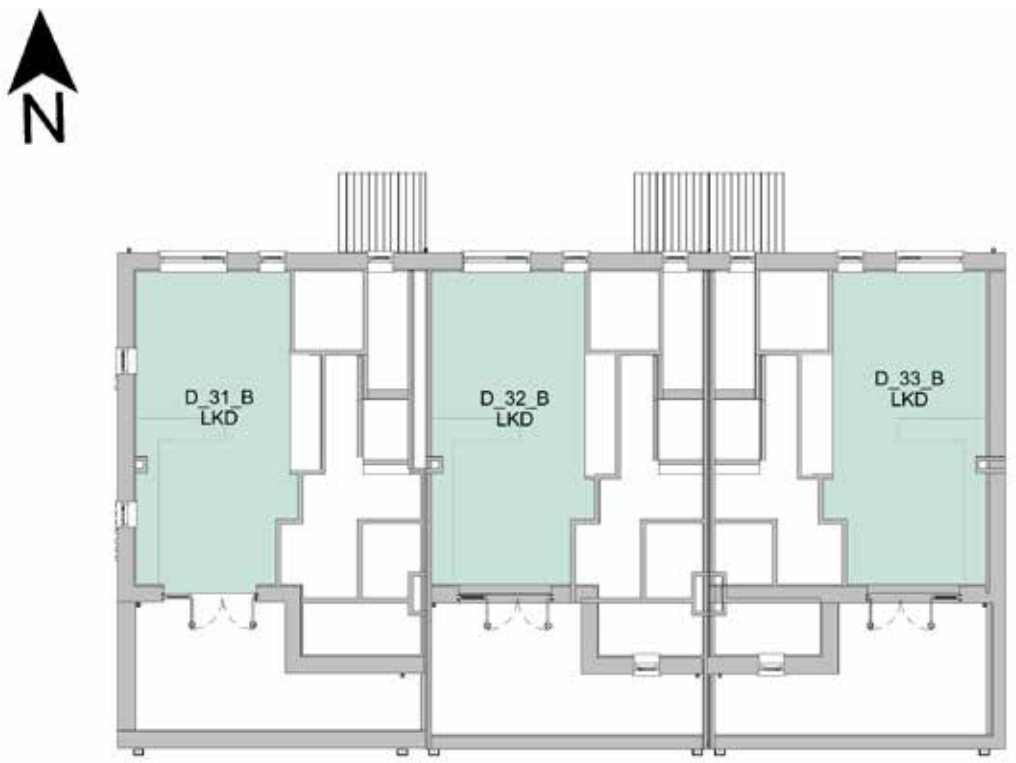


Figure H.55: Duplexes Group I1 - Level 02

H.1.14 Proposed Floor Plans - Duplexes Group I2

Figure H.56: Duplexes Group I2 - Site Location

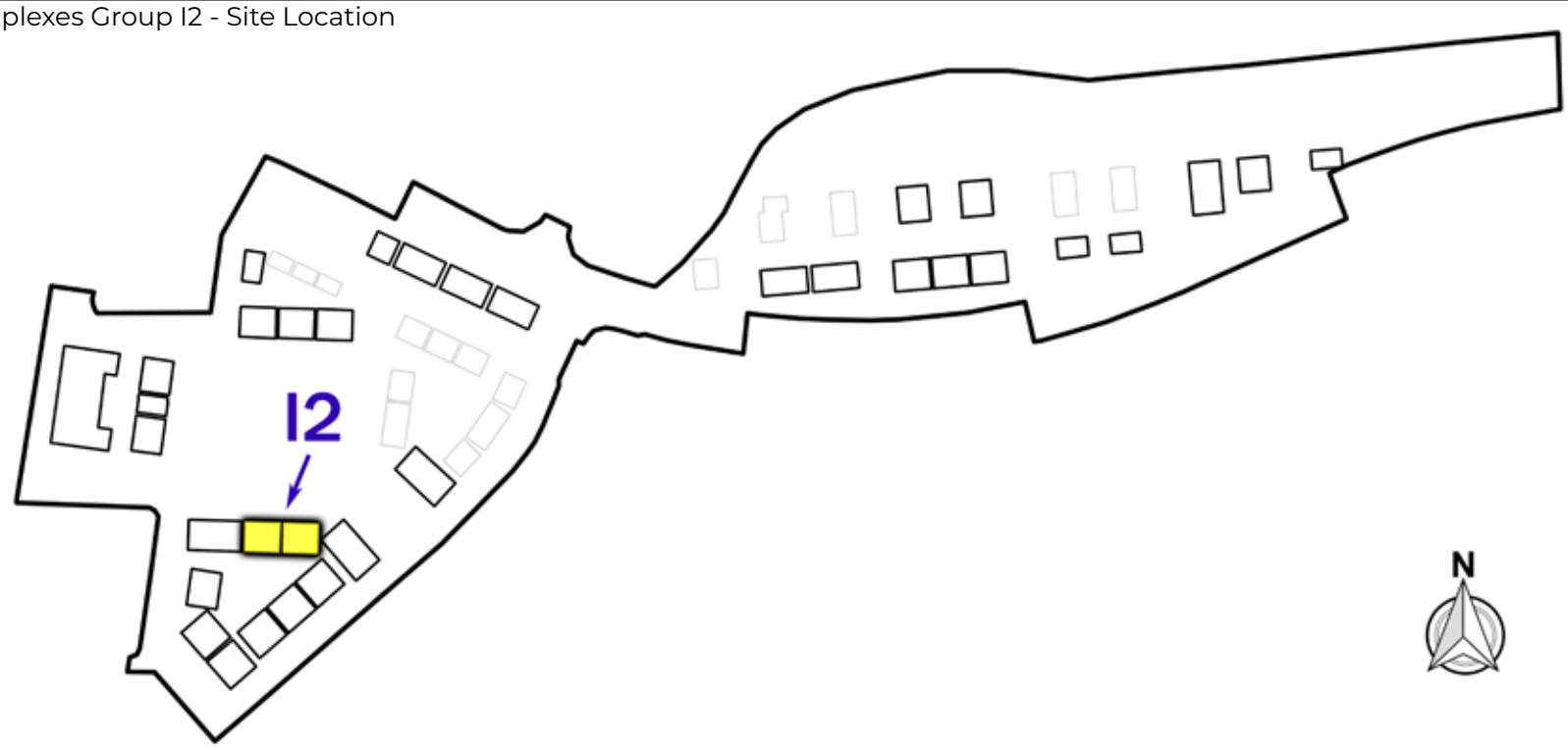


Figure H.57: Duplexes Group I2 - Level 00

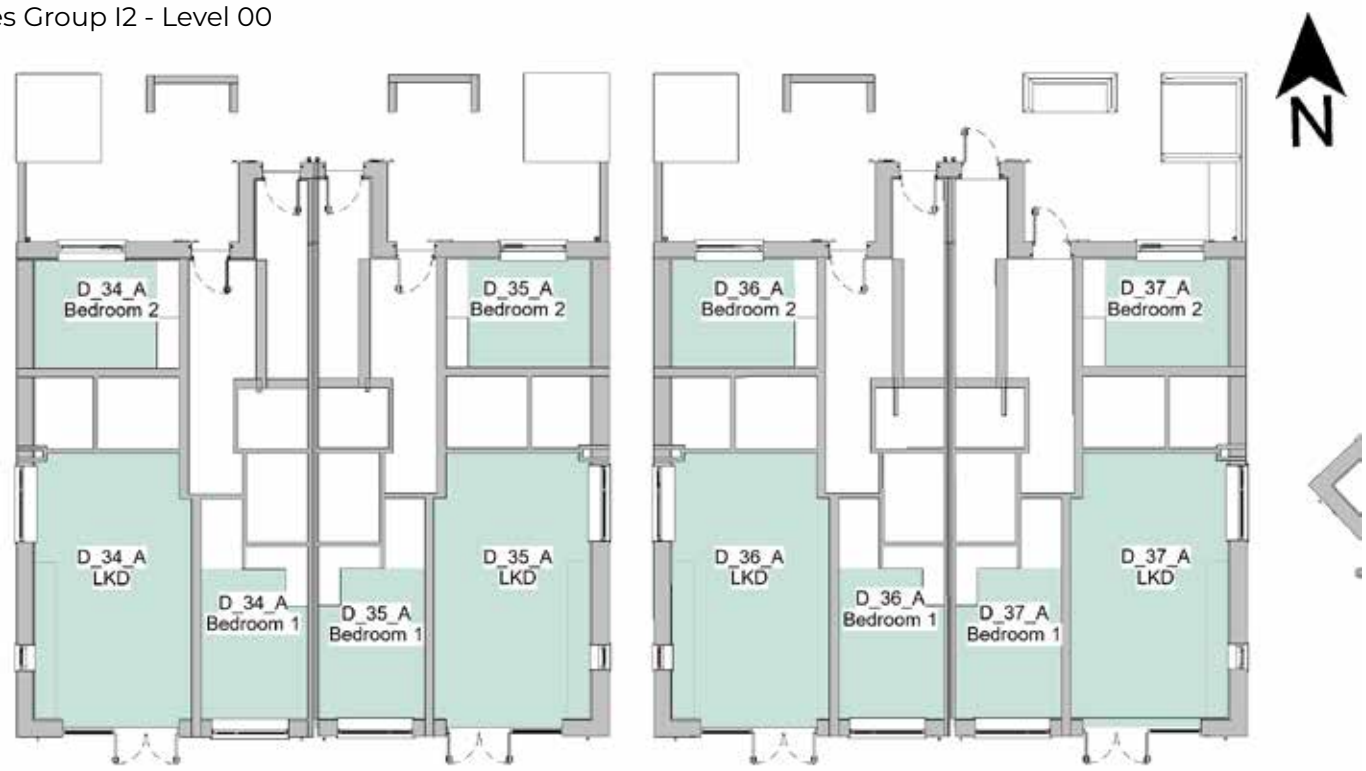


Figure H.58: Duplexes Group I2 - Level 01

Figure H.59: Duplexes Group I2 - Level 02

H.1.15 Proposed Floor Plans - Duplexes Group J

Figure H.60: Duplexes Group J - Site Location

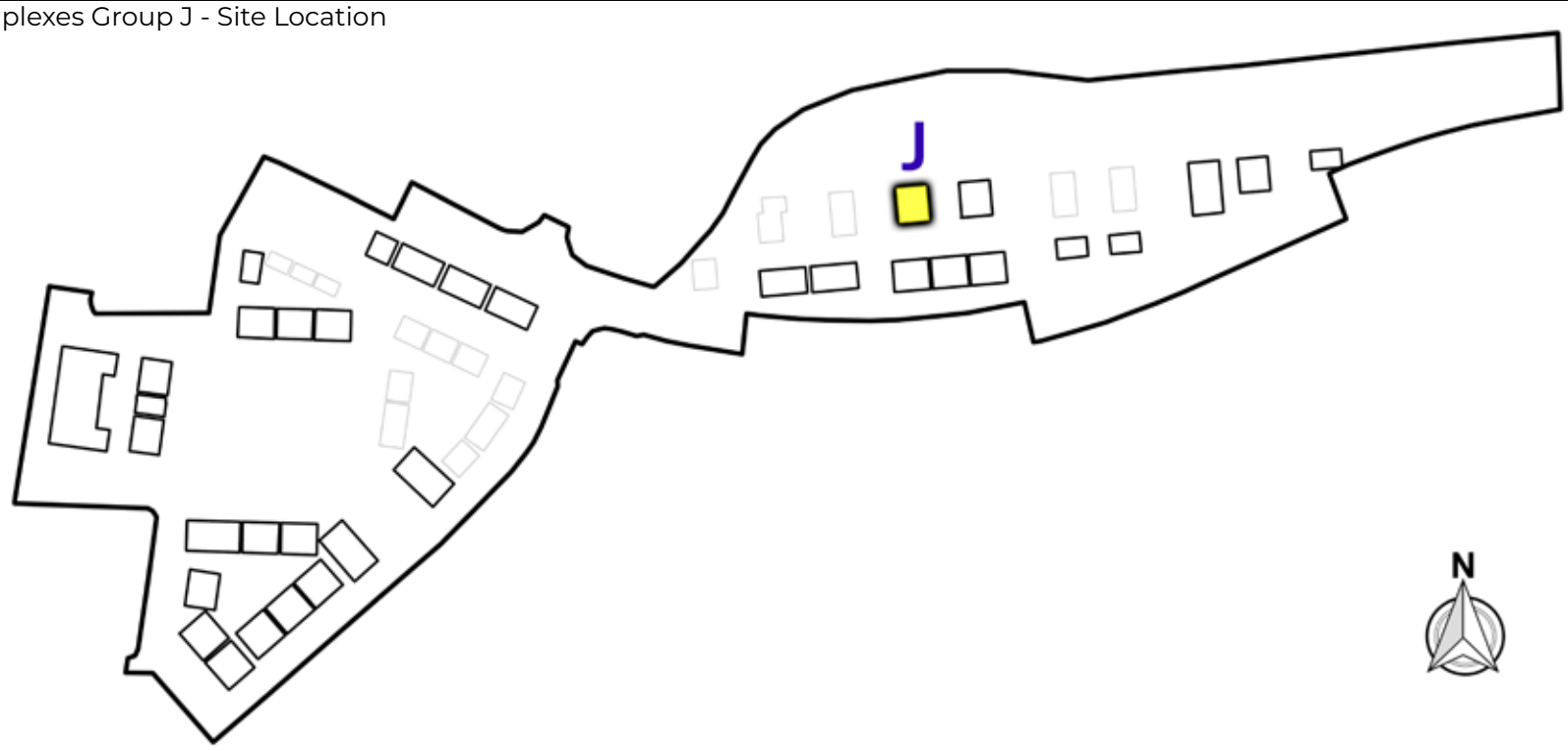


Figure H.61: Duplexes Group J - Level 00

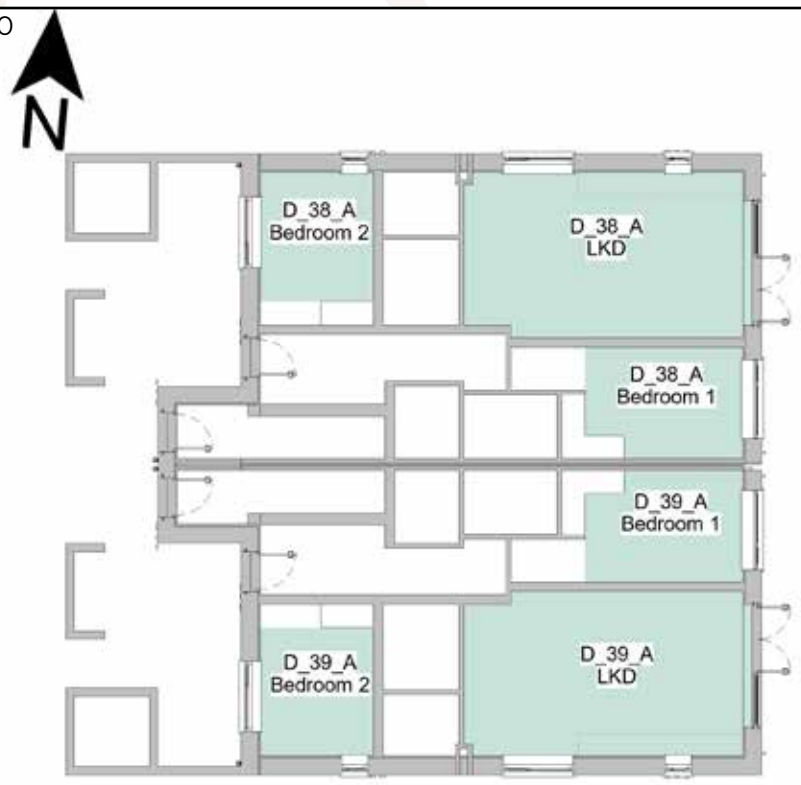


Figure H.62: Duplexes Group J - Level 01

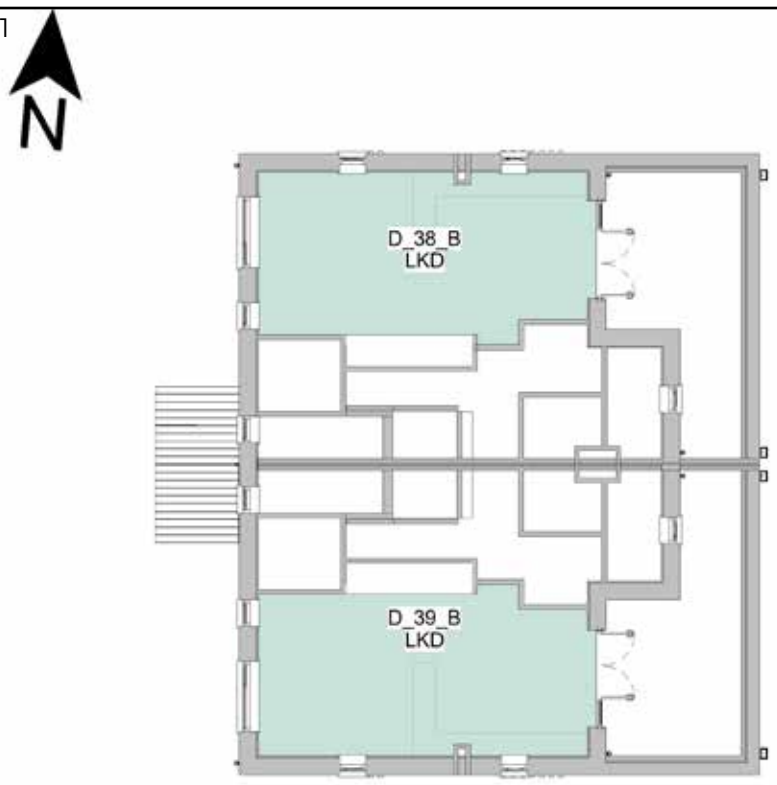
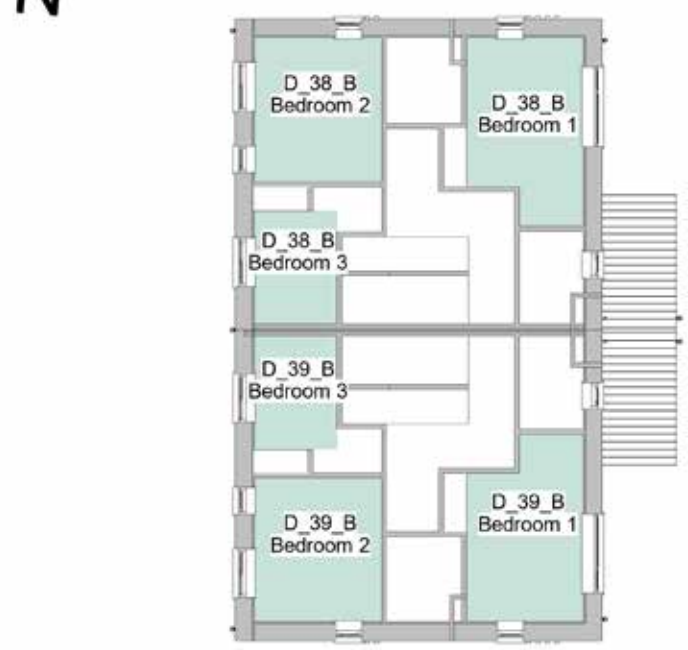


Figure H.63: Duplexes Group J - Level 02



H.1.16 Proposed Floor Plans - Duplexes Group K

Figure H.64: Duplexes Group K - Site Location

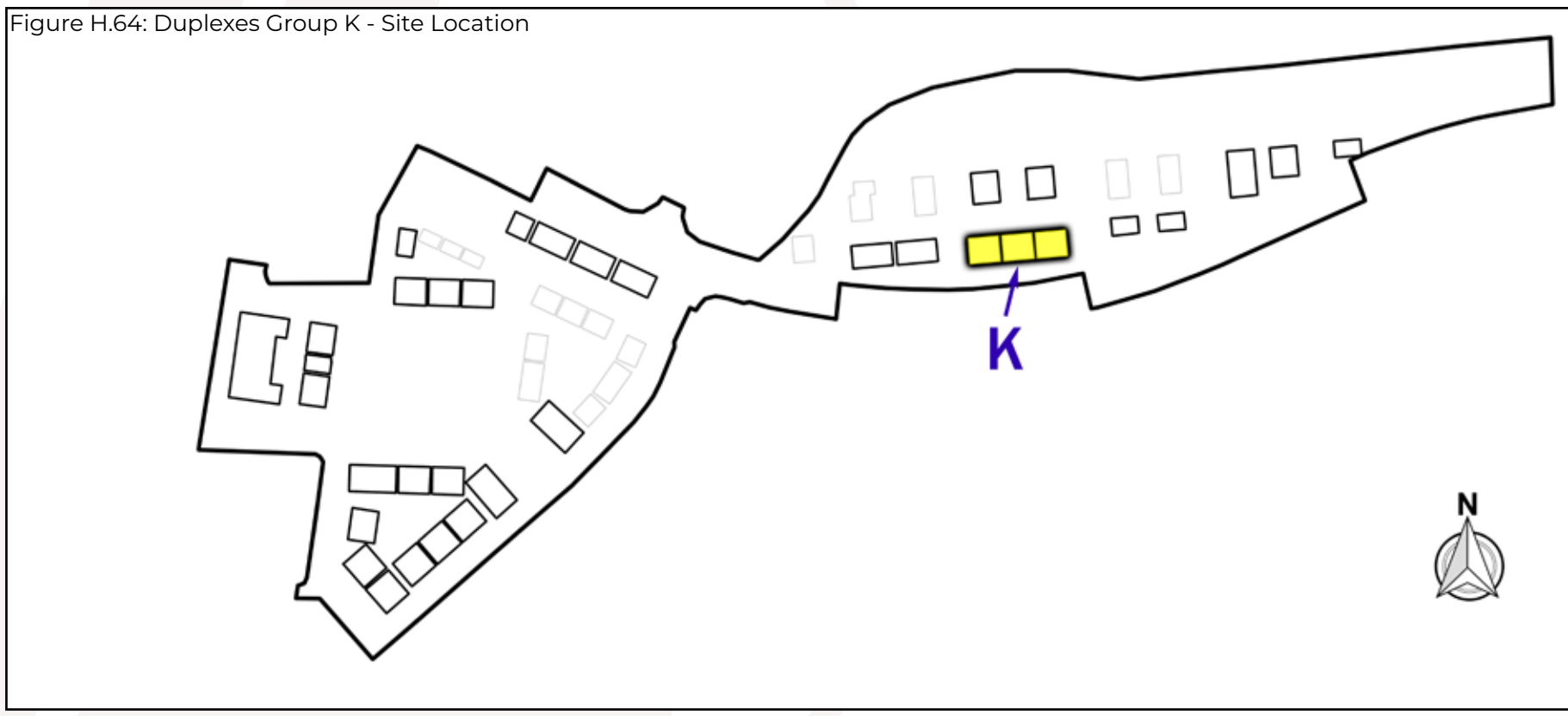


Figure H.65: Duplexes Group K - Level 00

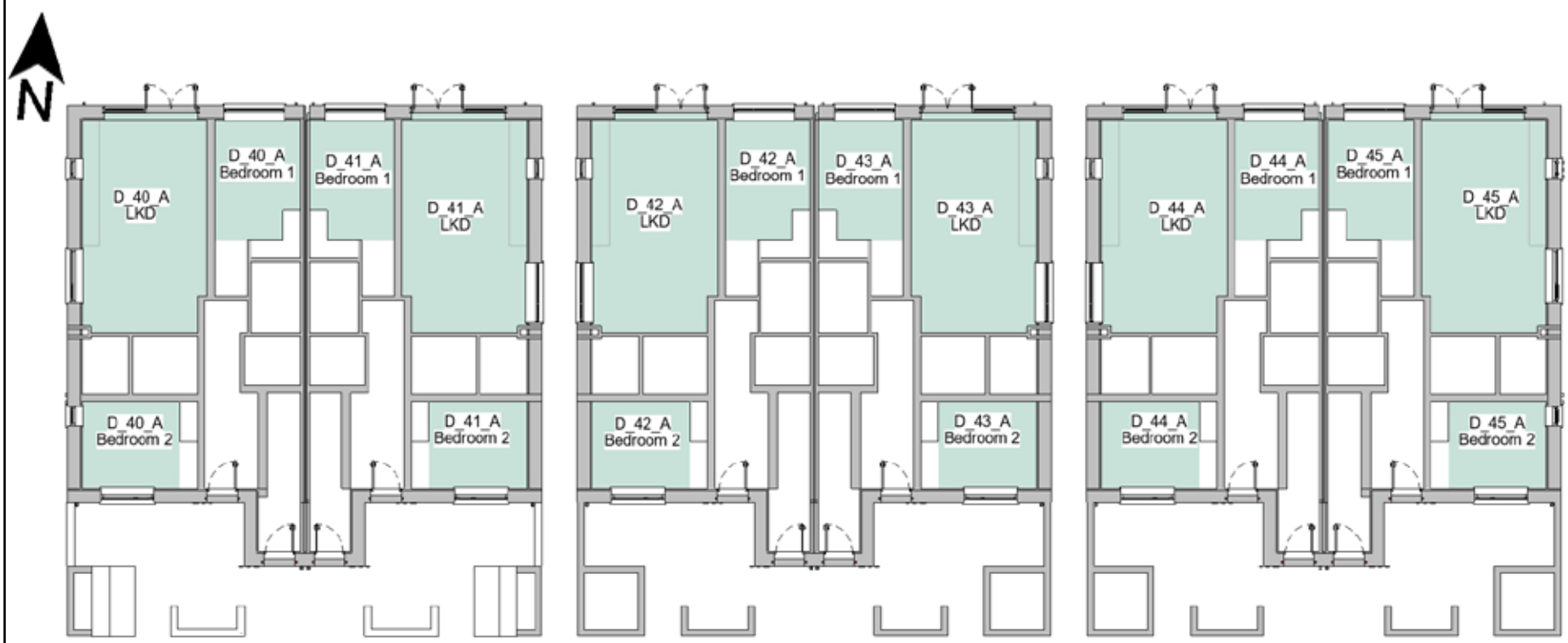


Figure H.66: Duplexes Group K - Level 01

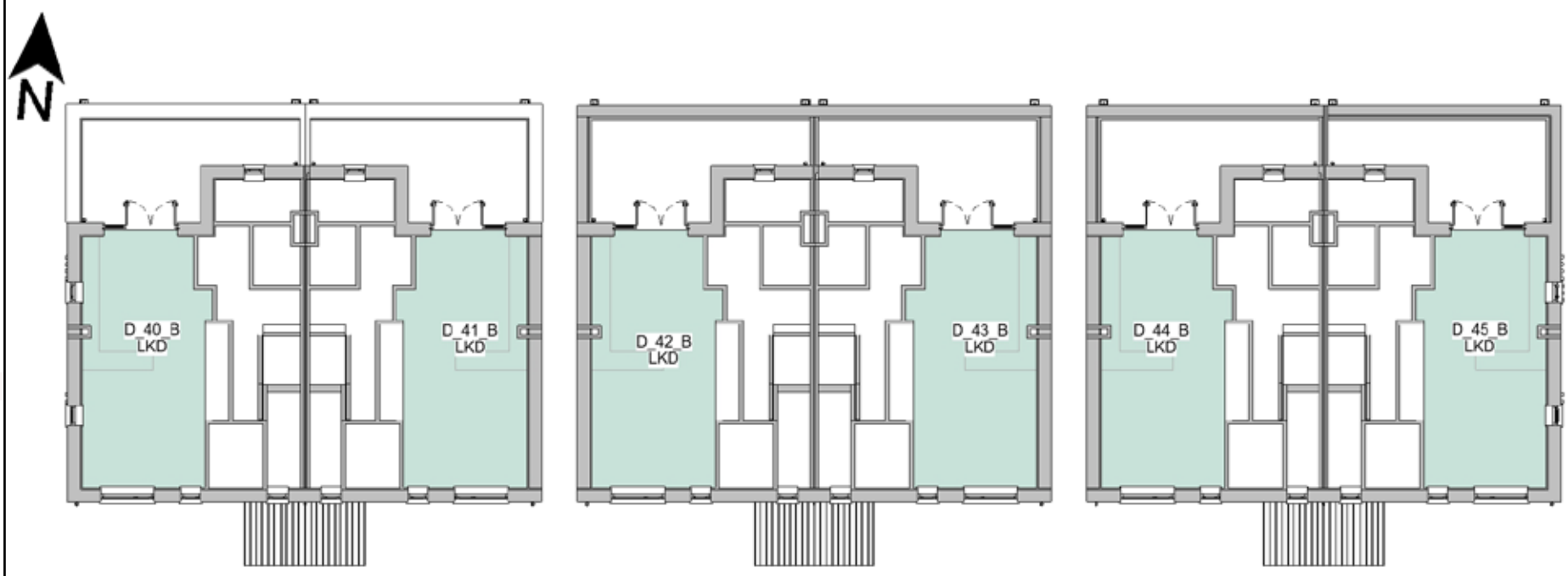
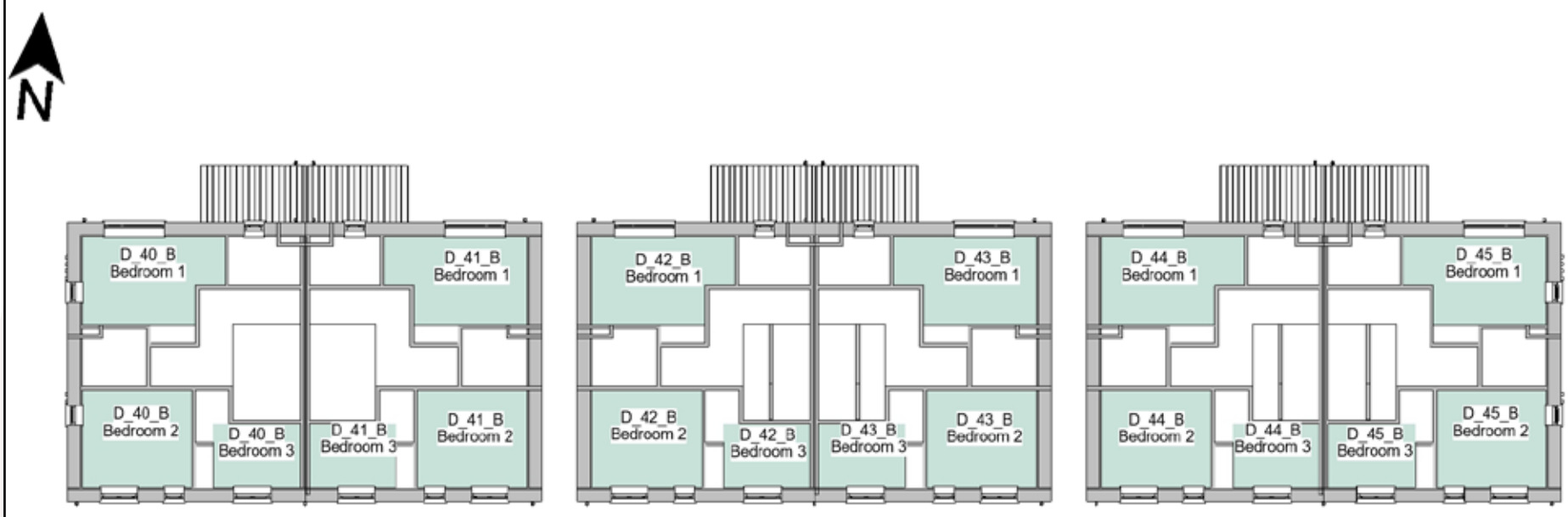


Figure H.67: Duplexes Group K - Level 02



H.1.17 Proposed Floor Plans - Duplexes Group L

Figure H.68: Duplexes Group L - Site Location

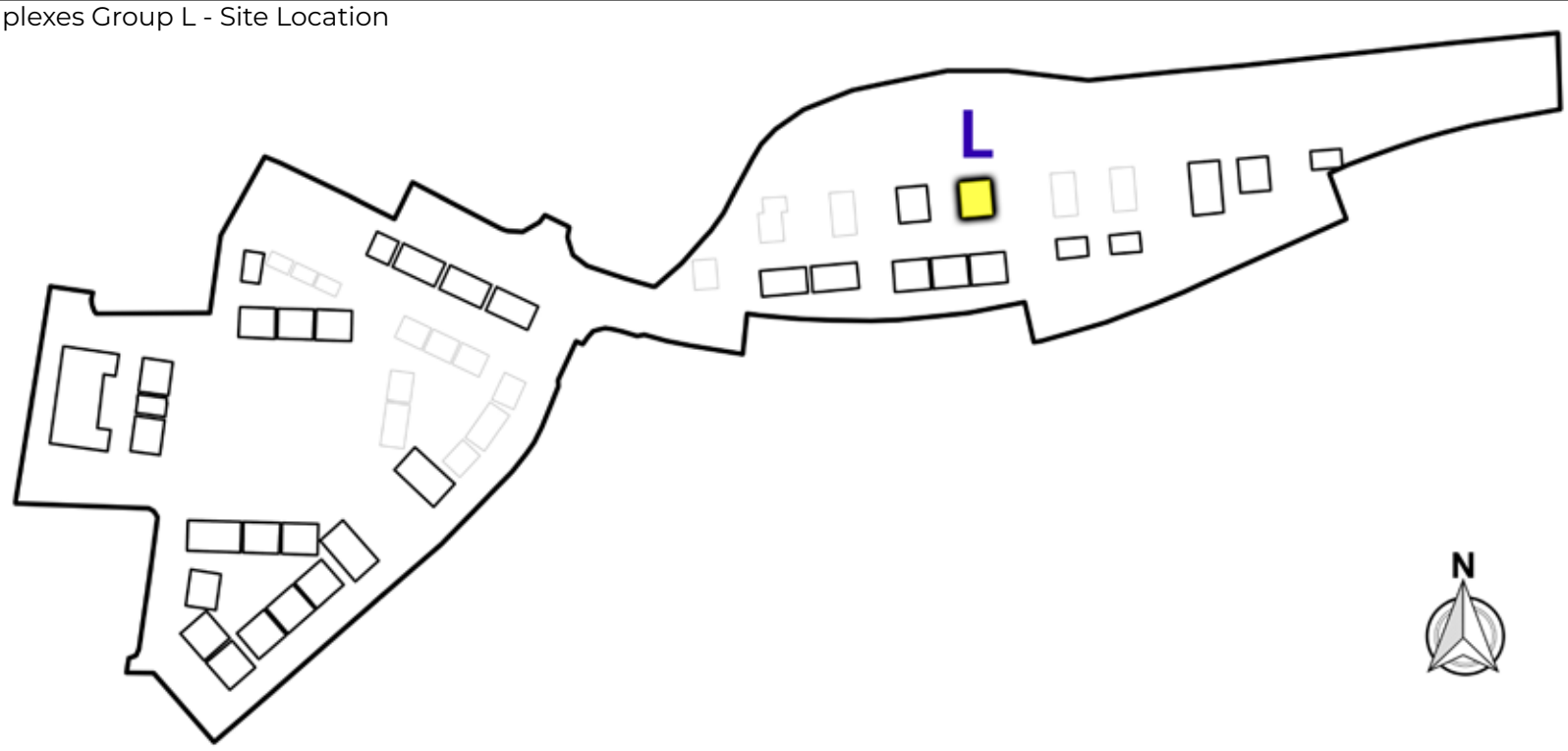


Figure H.69: Duplexes Group L - Level 00

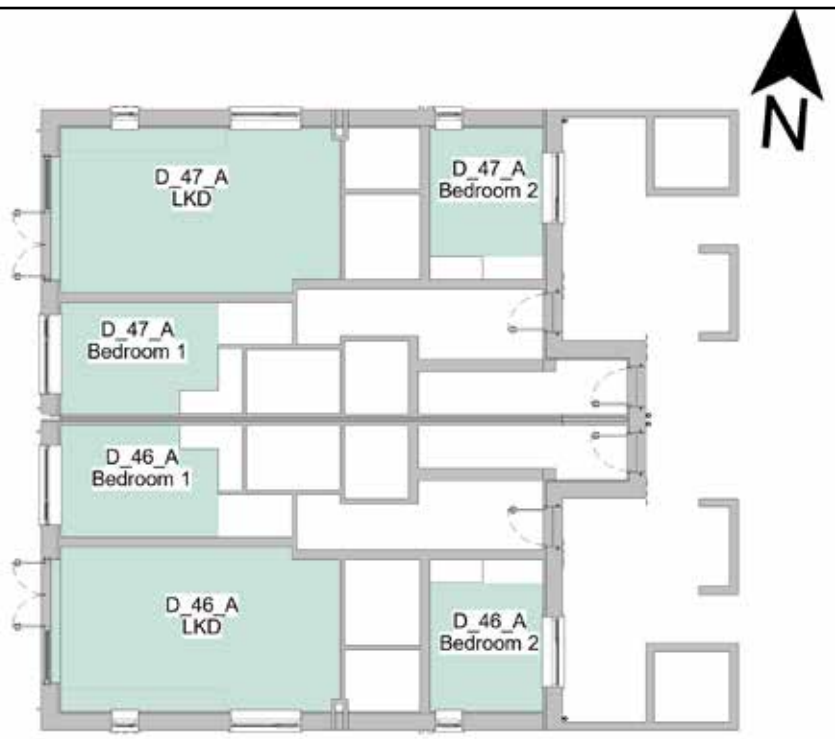
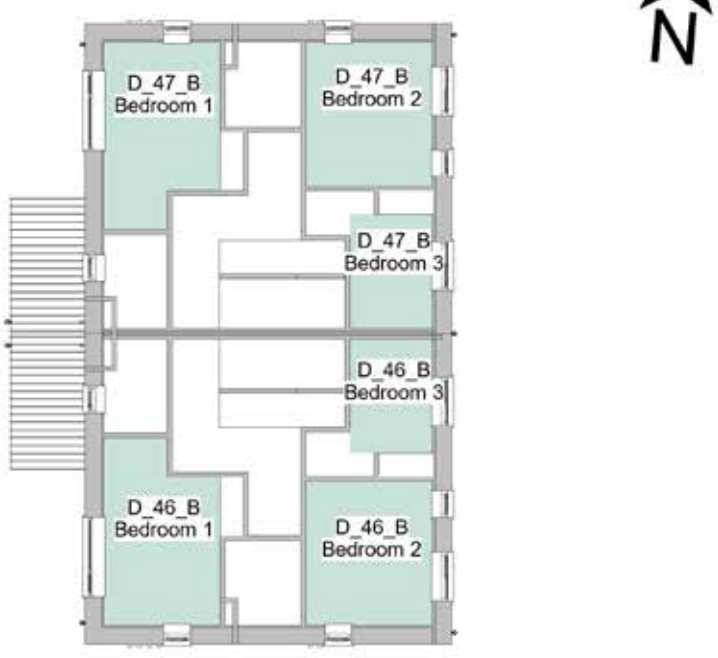


Figure H.70: Duplexes Group L - Level 01

Figure H.71: Duplexes Group L - Level 02



H.1.18 Proposed Floor Plans - Duplexes Group M

Figure H.72: Duplexes Group M - Site Location

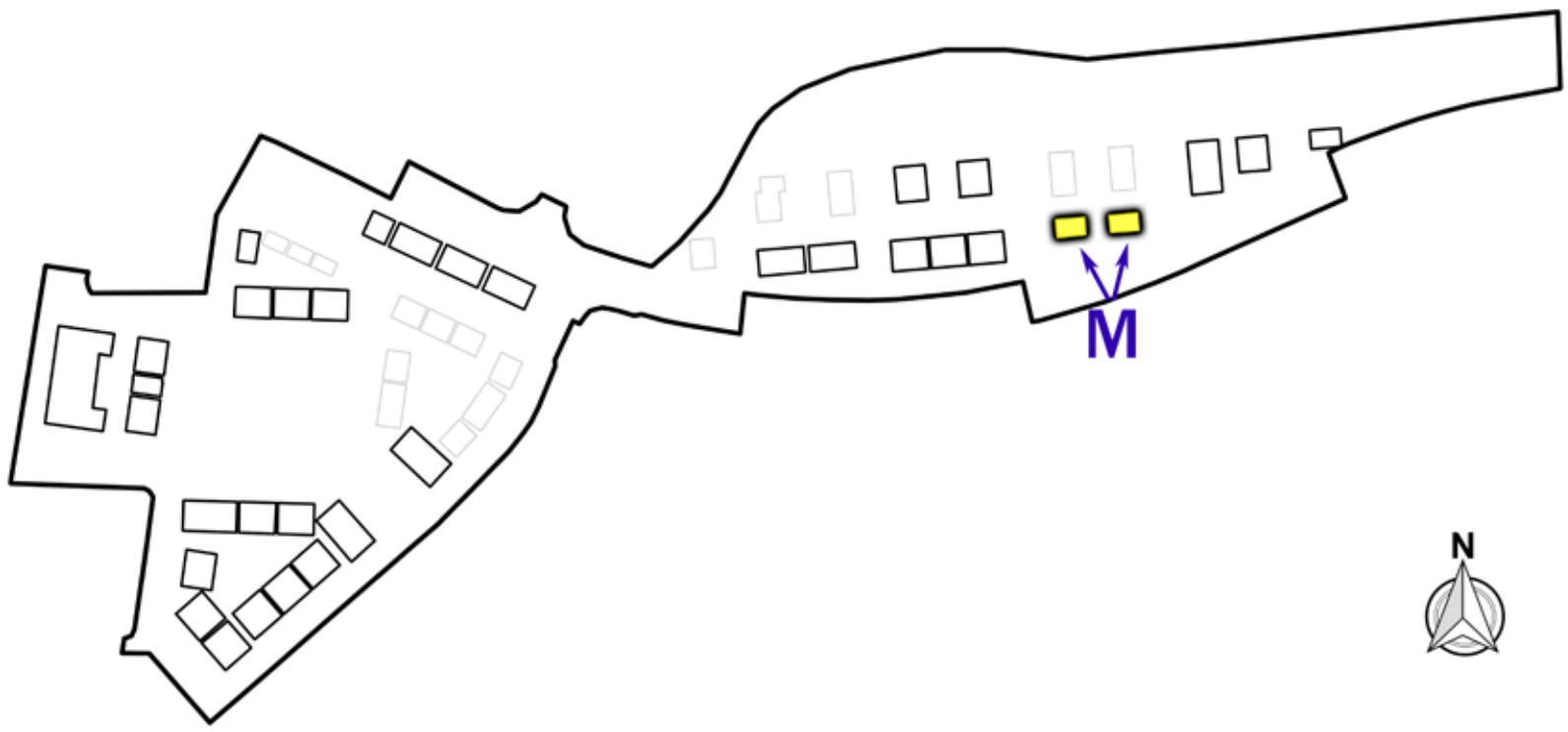


Figure H.73: Duplexes Group M - Level 00

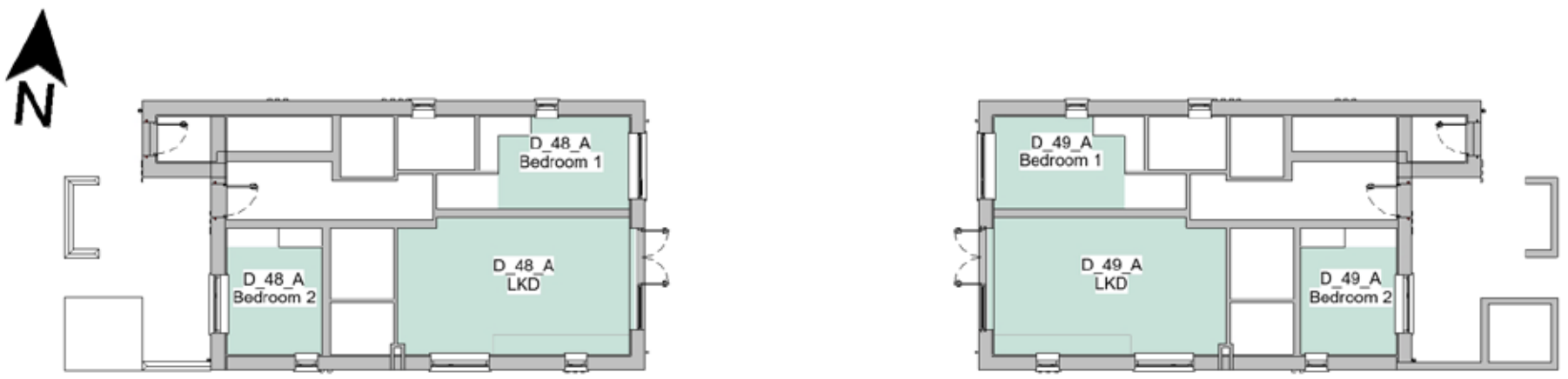


Figure H.74: Duplexes Group M - Level 01

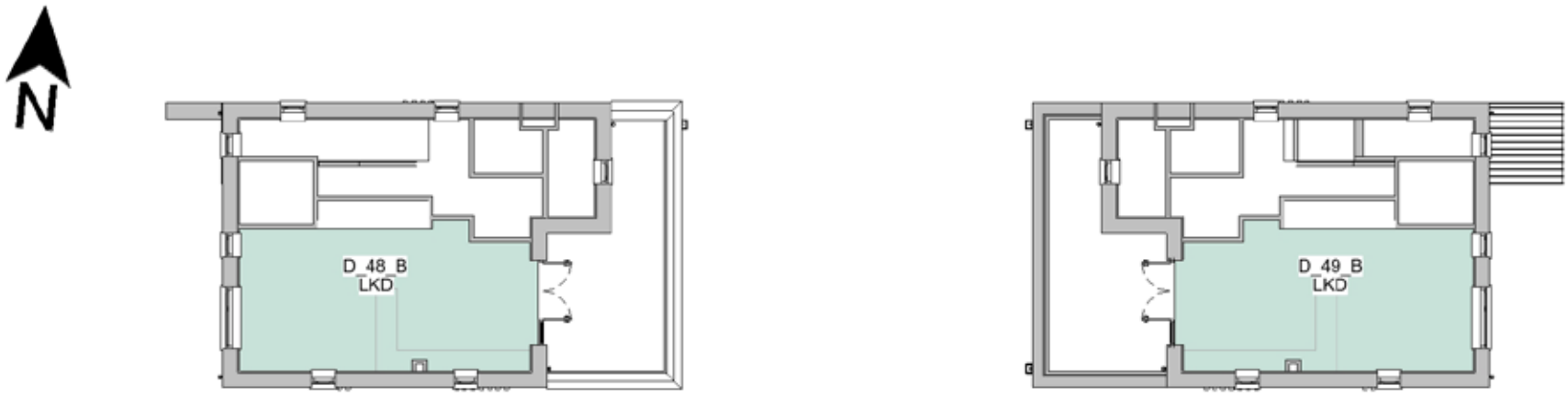


Figure H.75: Duplexes Group M - Level 02

H.1.19 Proposed Floor Plans - Duplexes Group N

Figure H.76: Duplexes Group N - Site Location

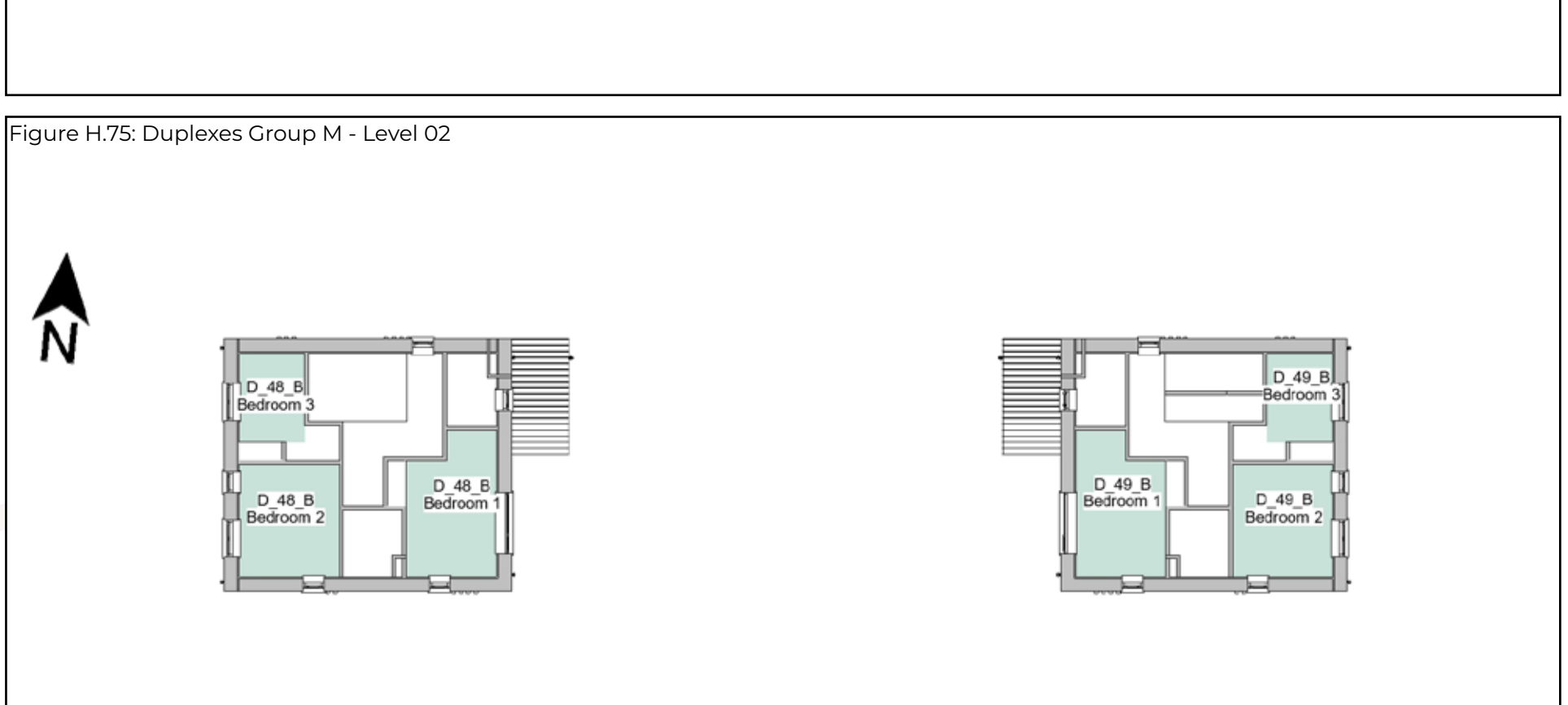


Figure H.77: Duplexes Group N - Level 00

Figure H.78: Duplexes Group N - Level 01

Figure H.79: Duplexes Group N - Level 02

H.1.20 Proposed Floor Plans - Duplexes Group O

Figure H.80: Duplexes Group O - Site Location

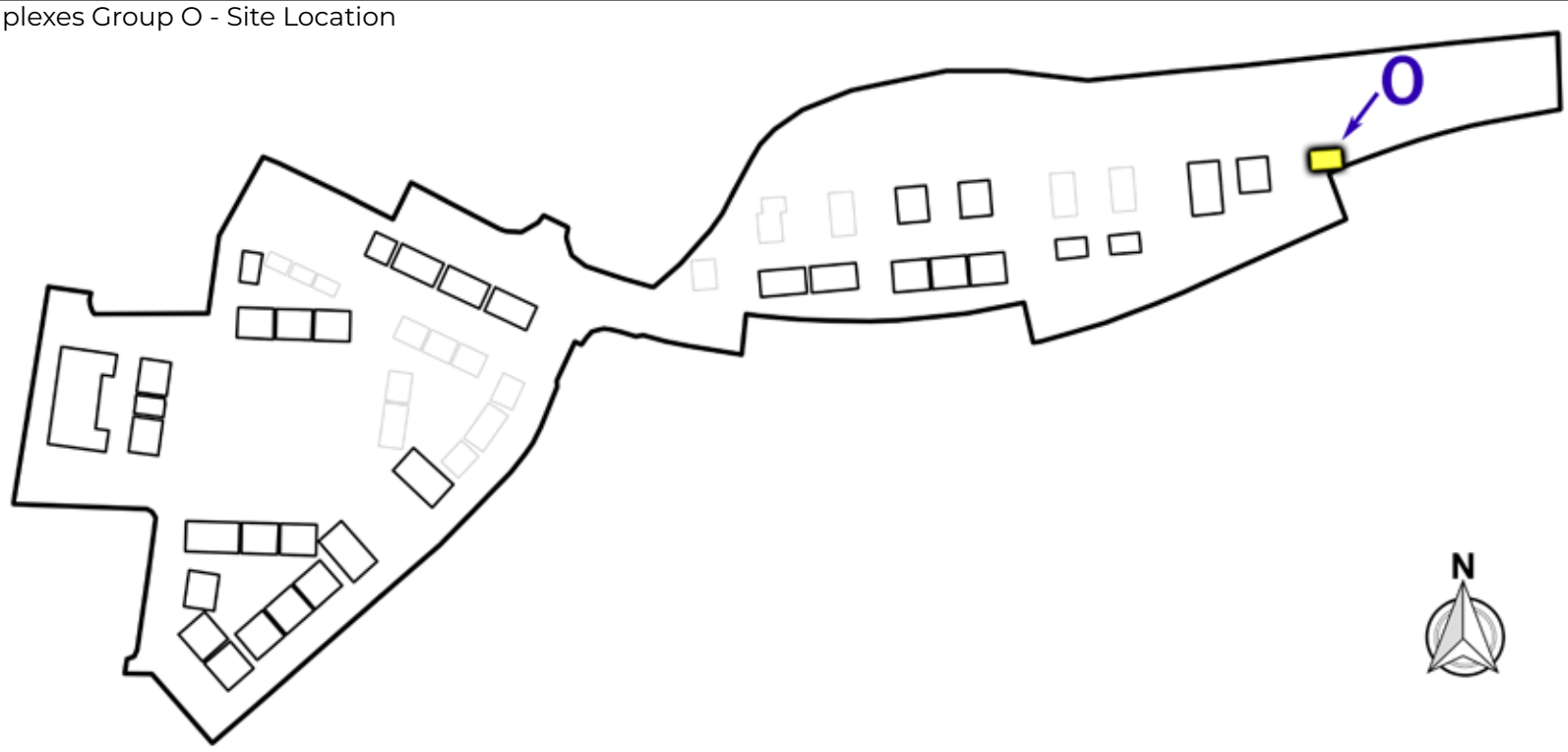


Figure H.81: Duplexes Group O - Level 00

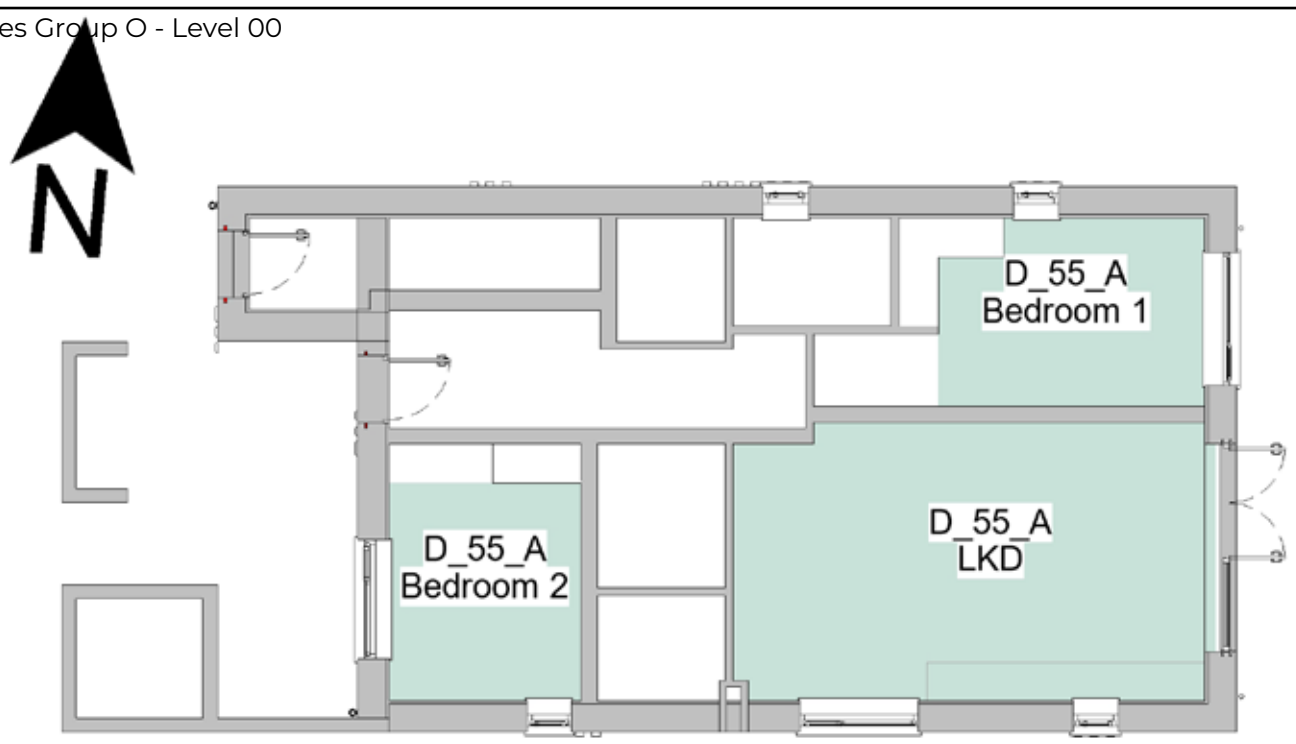


Figure H.82: Duplexes Group O - Level 01

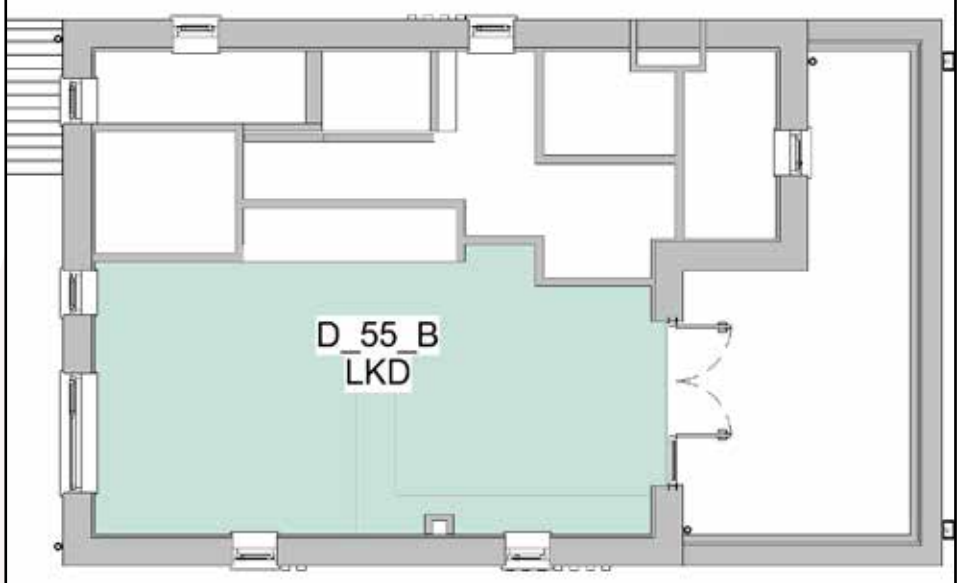
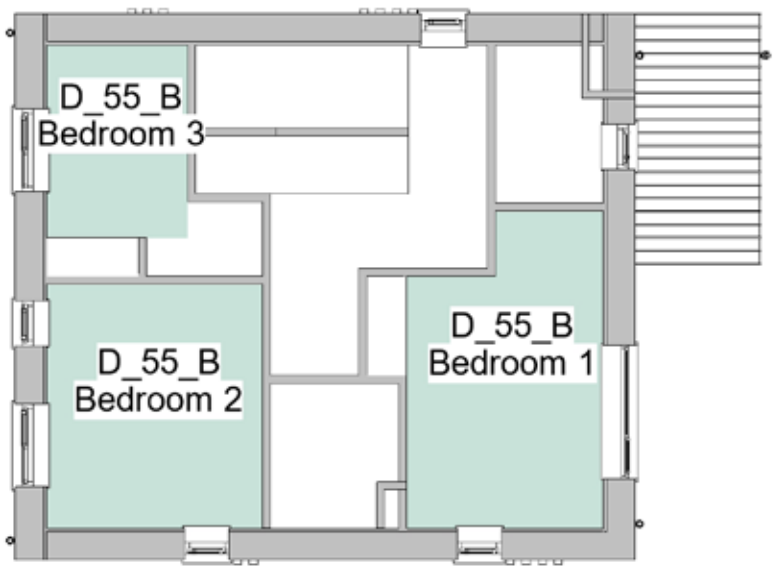


Figure H.83: Duplexes Group O - Level 02



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

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

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

A: Unit Number

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

B: Room Description

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

C: Target Lux

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

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

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

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

E: % of area above target Lux (With Trees)

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

This column states percentage of the working plane of the assessed room that is capable of receiving more than the appropriate target lux for at least half the daylight hours with the foliage of deciduous trees varied to account for summer and winter conditions, i.e. full leaf and bare branch.

F: Compliance with BR 209 Criteria

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

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

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

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

Compliance rates will be stated for SDA, both with and without trees.

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

H.2.1 SDA Results: Apartment Block - First Floor

Table No. H.2.1 - SDA Results: Apartment Block

Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
APT_01_01	LKD	200	100%	100%	Compliant
APT_01_01	Bedroom 1	100	100%	100%	Compliant
APT_01_01	Bedroom 2	100	100%	100%	Compliant
APT_01_02	LKD	200	82%	82%	Compliant
APT_01_02	Bedroom 1	100	100%	100%	Compliant
APT_01_03	LKD	200	86%	86%	Compliant
APT_01_03	Bedroom 1	100	100%	100%	Compliant
APT_01_04	LKD	200	84%	84%	Compliant
APT_01_04	Bedroom 1	100	100%	100%	Compliant
APT_01_05	LKD	200	100%	100%	Compliant
APT_01_05	Bedroom 1	100	100%	100%	Compliant
APT_01_05	Bedroom 2	100	100%	100%	Compliant
APT_01_06	LKD	200	100%	100%	Compliant
APT_01_06	Bedroom 1	100	100%	100%	Compliant
APT_01_06	Bedroom 2	100	100%	99%	Compliant
APT_01_07	LKD	200	58%	57%	Compliant
APT_01_07	Bedroom 1	100	100%	100%	Compliant
APT_01_08	LKD	200	53%	52%	Compliant
APT_01_08	Bedroom 1	100	100%	100%	Compliant
APT_01_09	LKD	200	44%	43%	Non-compliant
APT_01_09	Bedroom 1	100	100%	100%	Compliant
APT_01_10	LKD	200	100%	100%	Compliant
APT_01_10	Bedroom 1	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.2 SDA Results: Apartment Block - Second Floor

Table No. H.2.2 - SDA Results: Apartment Block					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
APT_02_01	LKD	200	100%	100%	Compliant
APT_02_01	Bedroom 1	100	100%	100%	Compliant
APT_02_01	Bedroom 2	100	100%	100%	Compliant
APT_02_02	LKD	200	79%	79%	Compliant
APT_02_02	Bedroom 1	100	100%	100%	Compliant
APT_02_03	LKD	200	79%	79%	Compliant
APT_02_03	Bedroom 1	100	100%	100%	Compliant
APT_02_04	LKD	200	86%	86%	Compliant
APT_02_04	Bedroom 1	100	100%	100%	Compliant
APT_02_05	LKD	200	100%	100%	Compliant
APT_02_05	Bedroom 1	100	100%	100%	Compliant
APT_02_05	Bedroom 2	100	100%	100%	Compliant
APT_02_06	LKD	200	100%	100%	Compliant
APT_02_06	Bedroom 1	100	100%	100%	Compliant
APT_02_06	Bedroom 2	100	100%	100%	Compliant
APT_02_07	LKD	200	59%	59%	Compliant
APT_02_07	Bedroom 1	100	100%	100%	Compliant
APT_02_08	LKD	200	66%	65%	Compliant
APT_02_08	Bedroom 1	100	100%	100%	Compliant
APT_02_09	LKD	200	53%	52%	Compliant
APT_02_09	Bedroom 1	100	100%	100%	Compliant
APT_02_10	LKD	200	100%	100%	Compliant
APT_02_10	Bedroom 1	100	100%	100%	Compliant
APT_02_10	Bedroom 2	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.3 SDA Results: Apartment Block - Third Floor

Table No. H.2.3 - SDA Results: Apartment Block					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
APT_03_01	LKD	200	100%	100%	Compliant
APT_03_01	Bedroom 1	100	100%	100%	Compliant
APT_03_01	Bedroom 2	100	100%	100%	Compliant
APT_03_02	LKD	200	83%	83%	Compliant
APT_03_02	Bedroom 1	100	100%	100%	Compliant
APT_03_03	LKD	200	97%	97%	Compliant
APT_03_03	Bedroom 1	100	100%	100%	Compliant
APT_03_04	LKD	200	95%	95%	Compliant
APT_03_04	Bedroom 1	100	100%	100%	Compliant
APT_03_05	LKD	200	100%	100%	Compliant
APT_03_05	Bedroom 1	100	100%	100%	Compliant
APT_03_05	Bedroom 2	100	100%	100%	Compliant
APT_03_06	LKD	200	100%	100%	Compliant
APT_03_06	Bedroom 1	100	100%	100%	Compliant
APT_03_06	Bedroom 2	100	100%	100%	Compliant
APT_03_07	LKD	200	99%	99%	Compliant
APT_03_07	Bedroom 1	100	100%	100%	Compliant
APT_03_08	LKD	200	62%	61%	Compliant
APT_03_08	Bedroom 1	100	100%	100%	Compliant
APT_03_09	LKD	200	71%	68%	Compliant
APT_03_09	Bedroom 1	100	100%	100%	Compliant
APT_03_10	LKD	200	100%	100%	Compliant
APT_03_10	Bedroom 1	100	100%	100%	Compliant
APT_03_10	Bedroom 2	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.4 SDA Results: Apartment Block - Fourth Floor

Table No. H.2.4 - SDA Results: Apartment Block					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
APT_04_01	LKD	200	100%	100%	Compliant
APT_04_01	Bedroom 1	100	100%	100%	Compliant
APT_04_01	Bedroom 2	100	100%	100%	Compliant
APT_04_02	LKD	200	83%	83%	Compliant
APT_04_02	Bedroom 1	100	100%	100%	Compliant
APT_04_03	LKD	200	100%	100%	Compliant
APT_04_03	Bedroom 1	100	100%	100%	Compliant
APT_04_04	LKD	200	99%	99%	Compliant
APT_04_04	Bedroom 1	100	100%	100%	Compliant
APT_04_05	LKD	200	100%	100%	Compliant
APT_04_05	Bedroom 1	100	100%	100%	Compliant
APT_04_05	Bedroom 2	100	100%	100%	Compliant
APT_04_06	LKD	200	100%	100%	Compliant
APT_04_06	Bedroom 1	100	100%	100%	Compliant
APT_04_06	Bedroom 2	100	100%	100%	Compliant
APT_04_07	LKD	200	100%	100%	Compliant
APT_04_07	Bedroom 1	100	100%	100%	Compliant
APT_04_08	LKD	200	100%	100%	Compliant
APT_04_08	Bedroom 1	100	100%	100%	Compliant
APT_04_09	LKD	200	78%	78%	Compliant
APT_04_09	Bedroom 1	100	100%	100%	Compliant
APT_04_10	LKD	200	100%	100%	Compliant
APT_04_10	Bedroom 1	100	100%	100%	Compliant
APT_04_10	Bedroom 2	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.5 SDA Results: Apartment Block - Fifth Floor

Table No. H.2.5 - SDA Results: Apartment Block					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
APT_05_01	LKD	200	100%	100%	Compliant
APT_05_01	Bedroom 1	100	100%	100%	Compliant
APT_05_01	Bedroom 2	100	100%	100%	Compliant
APT_05_02	LKD	200	88%	88%	Compliant
APT_05_02	Bedroom 1	100	100%	100%	Compliant
APT_05_03	LKD	200	100%	100%	Compliant
APT_05_03	Bedroom 1	100	100%	100%	Compliant
APT_05_04	LKD	200	100%	100%	Compliant
APT_05_04	Bedroom 1	100	100%	100%	Compliant
APT_05_05	LKD	200	100%	100%	Compliant
APT_05_05	Bedroom 1	100	100%	100%	Compliant
APT_05_05	Bedroom 2	100	100%	100%	Compliant
APT_05_06	LKD	200	100%	100%	Compliant
APT_05_06	Bedroom 1	100	100%	100%	Compliant
APT_05_06	Bedroom 2	100	100%	100%	Compliant
APT_05_07	LKD	200	100%	100%	Compliant
APT_05_07	Bedroom 1	100	100%	100%	Compliant
APT_05_08	LKD	200	89%	89%	Compliant
APT_05_08	Bedroom 1	100	100%	100%	Compliant
APT_05_09	LKD	200	89%	89%	Compliant
APT_05_09	Bedroom 1	100	100%	100%	Compliant
APT_05_10	LKD	200	100%	100%	Compliant
APT_05_10	Bedroom 1	100	100%	100%	Compliant
APT_05_10	Bedroom 2	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.6 SDA Results: Apartment Block - Sixth Floor

Table No. H.2.6 - SDA Results: Apartment Block					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
APT_06_01	LKD	200	100%	100%	Compliant
APT_06_01	Bedroom 1	100	100%	100%	Compliant
APT_06_01	Bedroom 2	100	100%	100%	Compliant
APT_06_02	LKD	200	100%	100%	Compliant
APT_06_02	Bedroom 1	100	100%	100%	Compliant
APT_06_03	LKD	200	100%	100%	Compliant
APT_06_03	Bedroom 1	100	100%	100%	Compliant
APT_06_04	LKD	200	100%	100%	Compliant
APT_06_04	Bedroom 1	100	100%	100%	Compliant
APT_06_05	LKD	200	100%	100%	Compliant
APT_06_05	Bedroom 1	100	100%	100%	Compliant
APT_06_05	Bedroom 2	100	100%	100%	Compliant
APT_06_06	LKD	200	100%	100%	Compliant
APT_06_06	Bedroom 1	100	100%	100%	Compliant
APT_06_07	LKD	200	100%	100%	Compliant
APT_06_07	Bedroom 1	100	100%	100%	Compliant
APT_06_08	LKD	200	100%	100%	Compliant
APT_06_08	Bedroom 1	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.7 SDA Results: Duplexes Group A

Table No. H.2.7 - SDA Results: Duplexes Group A					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_01_A	LKD	200	100%	100%	Compliant
D_01_A	Bedroom 1	100	59%	53%	Compliant
D_01_A	Bedroom 2	100	100%	100%	Compliant
D_01_B	LKD	200	100%	100%	Compliant
D_01_B	Bedroom 1	100	100%	100%	Compliant
D_01_B	Bedroom 2	100	100%	100%	Compliant
D_01_B	Bedroom 3	100	100%	100%	Compliant
D_02_A	LKD	200	81%	69%	Compliant
D_02_A	Bedroom 1	100	78%	76%	Compliant
D_02_A	Bedroom 2	100	60%	57%	Compliant
D_02_B	LKD	200	97%	84%	Compliant
D_02_B	Bedroom 1	100	94%	93%	Compliant
D_02_B	Bedroom 2	100	100%	100%	Compliant
D_02_B	Bedroom 3	100	100%	100%	Compliant
D_03_A	LKD	200	80%	70%	Compliant
D_03_A	Bedroom 1	100	88%	83%	Compliant
D_03_A	Bedroom 2	100	62%	54%	Compliant
D_03_B	LKD	200	100%	94%	Compliant
D_03_B	Bedroom 1	100	95%	95%	Compliant
D_03_B	Bedroom 2	100	100%	100%	Compliant
D_03_B	Bedroom 3	100	100%	100%	Compliant
D_04_A	LKD	200	79%	69%	Compliant
D_04_A	Bedroom 1	100	76%	75%	Compliant
D_04_A	Bedroom 2	100	63%	60%	Compliant
D_04_B	LKD	200	99%	96%	Compliant
D_04_B	Bedroom 1	100	94%	94%	Compliant
D_04_B	Bedroom 2	100	100%	100%	Compliant
D_04_B	Bedroom 3	100	100%	100%	Compliant
D_05_A	LKD	200	99%	99%	Compliant
D_05_A	Bedroom 1	100	50%	48%	Trees affecting compliance
D_05_A	Bedroom 2	100	100%	100%	Compliant
D_05_B	LKD	200	100%	100%	Compliant
D_05_B	Bedroom 1	100	100%	100%	Compliant
D_05_B	Bedroom 2	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.8 SDA Results: Duplexes Group B

Table No. H.2.8 - SDA Results: Duplexes Group B					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_05_B	Bedroom 3	100	100%	100%	Compliant
D_06_A	LKD	200	100%	100%	Compliant
D_06_A	Bedroom 1	100	100%	100%	Compliant
D_06_A	Bedroom 2	100	100%	100%	Compliant
D_06_B	LKD	200	100%	100%	Compliant
D_06_B	Bedroom 1	100	100%	100%	Compliant
D_06_B	Bedroom 2	100	100%	100%	Compliant
D_06_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.9 SDA Results: Duplexes Group C

Table No. H.2.9 - SDA Results: Duplexes Group C

Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_07_A	LKD	200	100%	100%	Compliant
D_07_A	Bedroom 1	100	92%	84%	Compliant
D_07_A	Bedroom 2	100	100%	100%	Compliant
D_07_B	LKD	200	100%	100%	Compliant
D_07_B	Bedroom 1	100	100%	100%	Compliant
D_07_B	Bedroom 2	100	100%	100%	Compliant
D_07_B	Bedroom 3	100	100%	100%	Compliant
D_08_A	LKD	200	94%	90%	Compliant
D_08_A	Bedroom 1	100	100%	100%	Compliant
D_08_A	Bedroom 2	100	100%	100%	Compliant
D_08_B	LKD	200	100%	100%	Compliant
D_08_B	Bedroom 1	100	100%	100%	Compliant
D_08_B	Bedroom 2	100	100%	100%	Compliant
D_08_B	Bedroom 3	100	100%	100%	Compliant
D_09_A	LKD	200	94%	88%	Compliant
D_09_A	Bedroom 1	100	100%	100%	Compliant
D_09_A	Bedroom 2	100	100%	100%	Compliant
D_09_B	LKD	200	100%	100%	Compliant
D_09_B	Bedroom 1	100	100%	100%	Compliant
D_09_B	Bedroom 2	100	100%	100%	Compliant
D_09_B	Bedroom 3	100	100%	100%	Compliant
D_10_A	LKD	200	94%	88%	Compliant
D_10_A	Bedroom 1	100	100%	100%	Compliant
D_10_A	Bedroom 2	100	100%	100%	Compliant
D_10_B	LKD	200	100%	100%	Compliant
D_10_B	Bedroom 1	100	100%	100%	Compliant
D_10_B	Bedroom 2	100	100%	100%	Compliant
D_10_B	Bedroom 3	100	100%	100%	Compliant
D_11_A	LKD	200	95%	90%	Compliant
D_11_A	Bedroom 1	100	100%	100%	Compliant
D_11_A	Bedroom 2	100	100%	100%	Compliant
D_11_B	LKD	200	100%	100%	Compliant
D_11_B	Bedroom 1	100	100%	100%	Compliant
D_11_B	Bedroom 2	100	100%	100%	Compliant
D_11_B	Bedroom 3	100	100%	100%	Compliant
D_12_A	LKD	200	100%	100%	Compliant
D_12_A	Bedroom 1	100	81%	80%	Compliant
D_12_A	Bedroom 2	100	100%	100%	Compliant
D_12_B	LKD	200	100%	100%	Compliant
D_12_B	Bedroom 1	100	100%	100%	Compliant
D_12_B	Bedroom 2	100	100%	100%	Compliant
D_12_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.10 SDA Results: Duplexes Group D

Table No. H.2.10 - SDA Results: Duplexes Group D					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_13_A	LKD	200	99%	94%	Compliant
D_13_A	Bedroom 1	100	98%	98%	Compliant
D_13_A	Bedroom 2	100	100%	100%	Compliant
D_13_B	LKD	200	100%	100%	Compliant
D_13_B	Bedroom 1	100	100%	100%	Compliant
D_13_B	Bedroom 2	100	100%	100%	Compliant
D_13_B	Bedroom 3	100	100%	100%	Compliant
D_14_A	LKD	200	70%	65%	Compliant
D_14_A	Bedroom 1	100	100%	99%	Compliant
D_14_A	Bedroom 2	100	100%	100%	Compliant
D_14_B	LKD	200	100%	100%	Compliant
D_14_B	Bedroom 1	100	100%	100%	Compliant
D_14_B	Bedroom 2	100	100%	100%	Compliant
D_14_B	Bedroom 3	100	100%	100%	Compliant
D_15_A	LKD	200	100%	100%	Compliant
D_15_A	Bedroom 1	100	63%	63%	Compliant
D_15_A	Bedroom 2	100	100%	100%	Compliant
D_15_B	LKD	200	100%	100%	Compliant
D_15_B	Bedroom 1	100	100%	100%	Compliant
D_15_B	Bedroom 2	100	100%	100%	Compliant
D_15_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.11 SDA Results: Duplexes Group E

Table No. H.2.11 - SDA Results: Duplexes Group E					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_16_A	LKD	200	94%	76%	Compliant
D_16_A	Bedroom 1	100	100%	100%	Compliant
D_16_A	Bedroom 2	100	100%	100%	Compliant
D_16_B	LKD	200	100%	100%	Compliant
D_16_B	Bedroom 1	100	100%	100%	Compliant
D_16_B	Bedroom 2	100	100%	100%	Compliant
D_16_B	Bedroom 3	100	100%	100%	Compliant
D_17_A	LKD	200	60%	54%	Compliant
D_17_A	Bedroom 1	100	100%	100%	Compliant
D_17_A	Bedroom 2	100	100%	100%	Compliant
D_17_B	LKD	200	100%	100%	Compliant
D_17_B	Bedroom 1	100	100%	100%	Compliant
D_17_B	Bedroom 2	100	100%	100%	Compliant
D_17_B	Bedroom 3	100	100%	100%	Compliant
D_18_A	LKD	200	100%	100%	Compliant
D_18_A	Bedroom 1	100	86%	86%	Compliant
D_18_A	Bedroom 2	100	100%	100%	Compliant
D_18_B	LKD	200	100%	100%	Compliant
D_18_B	Bedroom 1	100	100%	100%	Compliant
D_18_B	Bedroom 2	100	100%	100%	Compliant
D_18_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.12 SDA Results: Duplexes Group F

Table No. H.2.12 - SDA Results: Duplexes Group F					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_19_A	LKD	200	83%	83%	Compliant
D_19_A	Bedroom 1	100	83%	82%	Compliant
D_19_A	Bedroom 2	100	100%	100%	Compliant
D_19_B	LKD	200	100%	100%	Compliant
D_19_B	Bedroom 1	100	100%	100%	Compliant
D_19_B	Bedroom 2	100	100%	100%	Compliant
D_19_B	Bedroom 3	100	100%	100%	Compliant
D_20_A	LKD	200	50%	50%	Compliant
D_20_A	Bedroom 1	100	93%	93%	Compliant
D_20_A	Bedroom 2	100	100%	100%	Compliant
D_20_B	LKD	200	100%	100%	Compliant
D_20_B	Bedroom 1	100	100%	100%	Compliant
D_20_B	Bedroom 2	100	100%	100%	Compliant
D_20_B	Bedroom 3	100	100%	100%	Compliant
D_21_A	LKD	200	55%	55%	Compliant
D_21_A	Bedroom 1	100	98%	98%	Compliant
D_21_A	Bedroom 2	100	100%	100%	Compliant
D_21_B	LKD	200	100%	100%	Compliant
D_21_B	Bedroom 1	100	100%	100%	Compliant
D_21_B	Bedroom 2	100	100%	100%	Compliant
D_21_B	Bedroom 3	100	100%	100%	Compliant
D_22_A	LKD	200	51%	51%	Compliant
D_22_A	Bedroom 1	100	98%	98%	Compliant
D_22_A	Bedroom 2	100	100%	100%	Compliant
D_22_B	LKD	200	100%	100%	Compliant
D_22_B	Bedroom 1	100	100%	100%	Compliant
D_22_B	Bedroom 2	100	100%	100%	Compliant
D_22_B	Bedroom 3	100	100%	100%	Compliant
D_23_A	LKD	200	51%	51%	Compliant
D_23_A	Bedroom 1	100	84%	84%	Compliant
D_23_A	Bedroom 2	100	100%	100%	Compliant
D_23_B	LKD	200	100%	100%	Compliant
D_23_B	Bedroom 1	100	100%	100%	Compliant
D_23_B	Bedroom 2	100	100%	100%	Compliant
D_23_B	Bedroom 3	100	100%	100%	Compliant
D_24_A	LKD	200	72%	72%	Compliant
D_24_A	Bedroom 1	100	84%	84%	Compliant
D_24_A	Bedroom 2	100	100%	100%	Compliant
D_24_B	LKD	200	100%	100%	Compliant
D_24_B	Bedroom 1	100	100%	100%	Compliant
D_24_B	Bedroom 2	100	100%	100%	Compliant
D_24_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.13 SDA Results: Duplexes Group G

Table No. H.2.13 - SDA Results: Duplexes Group G					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_25_A	LKD	200	100%	100%	Compliant
D_25_A	Bedroom 1	100	100%	100%	Compliant
D_25_A	Bedroom 2	100	64%	64%	Compliant
D_25_B	LKD	200	95%	95%	Compliant
D_25_B	Bedroom 1	100	97%	97%	Compliant
D_25_B	Bedroom 2	100	100%	100%	Compliant
D_25_B	Bedroom 3	100	100%	100%	Compliant
D_26_A	LKD	200	89%	82%	Compliant
D_26_A	Bedroom 1	100	100%	100%	Compliant
D_26_A	Bedroom 2	100	100%	100%	Compliant
D_26_B	LKD	200	100%	100%	Compliant
D_26_B	Bedroom 1	100	100%	100%	Compliant
D_26_B	Bedroom 2	100	100%	100%	Compliant
D_26_B	Bedroom 3	100	100%	100%	Compliant
D_27_A	LKD	200	88%	85%	Compliant
D_27_A	Bedroom 1	100	100%	100%	Compliant
D_27_A	Bedroom 2	100	100%	100%	Compliant
D_27_B	LKD	200	100%	100%	Compliant
D_27_B	Bedroom 1	100	100%	100%	Compliant
D_27_B	Bedroom 2	100	100%	100%	Compliant
D_27_B	Bedroom 3	100	100%	100%	Compliant
D_28_A	LKD	200	100%	100%	Compliant
D_28_A	Bedroom 1	100	100%	100%	Compliant
D_28_A	Bedroom 2	100	84%	84%	Compliant
D_28_B	LKD	200	95%	95%	Compliant
D_28_B	Bedroom 1	100	97%	97%	Compliant
D_28_B	Bedroom 2	100	100%	100%	Compliant
D_28_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.14 SDA Results: Duplexes Group H

Table No. H.2.14 - SDA Results: Duplexes Group H					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_29_A	LKD	200	100%	100%	Compliant
D_29_A	Bedroom 1	100	100%	100%	Compliant
D_29_A	Bedroom 2	100	100%	100%	Compliant
D_29_B	LKD	200	100%	100%	Compliant
D_29_B	Bedroom 1	100	100%	100%	Compliant
D_29_B	Bedroom 2	100	100%	100%	Compliant
D_29_B	Bedroom 3	100	100%	100%	Compliant
D_30_A	LKD	200	100%	100%	Compliant
D_30_A	Bedroom 1	100	100%	100%	Compliant
D_30_A	Bedroom 2	100	100%	100%	Compliant
D_30_B	LKD	200	100%	100%	Compliant
D_30_B	Bedroom 1	100	100%	100%	Compliant
D_30_B	Bedroom 2	100	100%	100%	Compliant
D_30_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.15 SDA Results: Duplexes Group I1

Table No. H.2.15 - SDA Results: Duplexes Group I1					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_31_A	LKD	200	100%	100%	Compliant
D_31_A	Bedroom 1	100	100%	100%	Compliant
D_31_A	Bedroom 2	100	100%	100%	Compliant
D_31_B	LKD	200	100%	100%	Compliant
D_31_B	Bedroom 1	100	100%	100%	Compliant
D_31_B	Bedroom 2	100	100%	100%	Compliant
D_31_B	Bedroom 3	100	100%	100%	Compliant
D_32_A	LKD	200	56%	56%	Compliant
D_32_A	Bedroom 1	100	100%	100%	Compliant
D_32_A	Bedroom 2	100	100%	100%	Compliant
D_32_B	LKD	200	100%	100%	Compliant
D_32_B	Bedroom 1	100	100%	100%	Compliant
D_32_B	Bedroom 2	100	100%	100%	Compliant
D_32_B	Bedroom 3	100	100%	100%	Compliant
D_33_A	LKD	200	83%	82%	Compliant
D_33_A	Bedroom 1	100	100%	100%	Compliant
D_33_A	Bedroom 2	100	100%	100%	Compliant
D_33_B	LKD	200	100%	100%	Compliant
D_33_B	Bedroom 1	100	100%	100%	Compliant
D_33_B	Bedroom 2	100	100%	100%	Compliant
D_33_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.16 SDA Results: Duplexes Group I2

Table No. H.2.16 - SDA Results: Duplexes Group I2					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_34_A	LKD	200	76%	76%	Compliant
D_34_A	Bedroom 1	100	100%	100%	Compliant
D_34_A	Bedroom 2	100	100%	100%	Compliant
D_34_B	LKD	200	100%	100%	Compliant
D_34_B	Bedroom 1	100	100%	100%	Compliant
D_34_B	Bedroom 2	100	100%	100%	Compliant
D_34_B	Bedroom 3	100	100%	100%	Compliant
D_35_A	LKD	200	78%	77%	Compliant
D_35_A	Bedroom 1	100	100%	100%	Compliant
D_35_A	Bedroom 2	100	100%	100%	Compliant
D_35_B	LKD	200	100%	100%	Compliant
D_35_B	Bedroom 1	100	100%	100%	Compliant
D_35_B	Bedroom 2	100	100%	100%	Compliant
D_35_B	Bedroom 3	100	100%	100%	Compliant
D_36_A	LKD	200	63%	63%	Compliant
D_36_A	Bedroom 1	100	100%	100%	Compliant
D_36_A	Bedroom 2	100	100%	100%	Compliant
D_36_B	LKD	200	100%	100%	Compliant
D_36_B	Bedroom 1	100	100%	100%	Compliant
D_36_B	Bedroom 2	100	100%	100%	Compliant
D_36_B	Bedroom 3	100	100%	100%	Compliant
D_37_A	LKD	200	92%	91%	Compliant
D_37_A	Bedroom 1	100	100%	100%	Compliant
D_37_A	Bedroom 2	100	100%	100%	Compliant
D_37_B	LKD	200	100%	100%	Compliant
D_37_B	Bedroom 1	100	100%	100%	Compliant
D_37_B	Bedroom 2	100	100%	100%	Compliant
D_37_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.17 SDA Results: Duplexes Group J

Table No. H.2.17 - SDA Results: **Duplexes Group J**

Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_38_A	LKD	200	100%	100%	Compliant
D_38_A	Bedroom 1	100	100%	100%	Compliant
D_38_A	Bedroom 2	100	100%	100%	Compliant
D_38_B	LKD	200	100%	100%	Compliant
D_38_B	Bedroom 1	100	100%	100%	Compliant
D_38_B	Bedroom 2	100	100%	100%	Compliant
D_38_B	Bedroom 3	100	100%	100%	Compliant
D_39_A	LKD	200	100%	100%	Compliant
D_39_A	Bedroom 1	100	100%	99%	Compliant
D_39_A	Bedroom 2	100	100%	100%	Compliant
D_39_B	LKD	200	100%	100%	Compliant
D_39_B	Bedroom 1	100	100%	100%	Compliant
D_39_B	Bedroom 2	100	100%	100%	Compliant
D_39_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.18 SDA Results: Duplexes Group K

Table No. H.2.18 - SDA Results: Duplexes Group K					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_40_A	LKD	200	100%	100%	Compliant
D_40_A	Bedroom 1	100	100%	98%	Compliant
D_40_A	Bedroom 2	100	100%	100%	Compliant
D_40_B	LKD	200	100%	100%	Compliant
D_40_B	Bedroom 1	100	100%	100%	Compliant
D_40_B	Bedroom 2	100	100%	100%	Compliant
D_40_B	Bedroom 3	100	100%	100%	Compliant
D_41_A	LKD	200	51%	45%	Trees affecting compliance
D_41_A	Bedroom 1	100	100%	97%	Compliant
D_41_A	Bedroom 2	100	100%	100%	Compliant
D_41_B	LKD	200	100%	100%	Compliant
D_41_B	Bedroom 1	100	100%	100%	Compliant
D_41_B	Bedroom 2	100	100%	100%	Compliant
D_41_B	Bedroom 3	100	100%	100%	Compliant
D_42_A	LKD	200	53%	44%	Trees affecting compliance
D_42_A	Bedroom 1	100	100%	100%	Compliant
D_42_A	Bedroom 2	100	100%	100%	Compliant
D_42_B	LKD	200	100%	100%	Compliant
D_42_B	Bedroom 1	100	100%	100%	Compliant
D_42_B	Bedroom 2	100	100%	100%	Compliant
D_42_B	Bedroom 3	100	100%	100%	Compliant
D_43_A	LKD	200	54%	47%	Trees affecting compliance
D_43_A	Bedroom 1	100	100%	100%	Compliant
D_43_A	Bedroom 2	100	100%	100%	Compliant
D_43_B	LKD	200	100%	100%	Compliant
D_43_B	Bedroom 1	100	100%	100%	Compliant
D_43_B	Bedroom 2	100	100%	100%	Compliant
D_43_B	Bedroom 3	100	100%	100%	Compliant
D_44_A	LKD	200	51%	43%	Trees affecting compliance
D_44_A	Bedroom 1	100	100%	100%	Compliant
D_44_A	Bedroom 2	100	100%	100%	Compliant
D_44_B	LKD	200	100%	100%	Compliant
D_44_B	Bedroom 1	100	100%	100%	Compliant
D_44_B	Bedroom 2	100	100%	100%	Compliant
D_44_B	Bedroom 3	100	100%	100%	Compliant
D_45_A	LKD	200	100%	100%	Compliant
D_45_A	Bedroom 1	100	100%	97%	Compliant
D_45_A	Bedroom 2	100	100%	100%	Compliant
D_45_B	LKD	200	100%	100%	Compliant
D_45_B	Bedroom 1	100	100%	100%	Compliant
D_45_B	Bedroom 2	100	100%	100%	Compliant
D_45_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.
*** The SDA assessment without trees indicates the level of daylight within the proposed development when trees are not included in the analytical model. This study provides an understanding of how trees affect daylight within the proposed development.
The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.19 SDA Results: Duplexes Group L

Table No. H.2.19 - SDA Results: Duplexes Group L					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_46_A	LKD	200	100%	100%	Compliant
D_46_A	Bedroom 1	100	100%	100%	Compliant
D_46_A	Bedroom 2	100	100%	100%	Compliant
D_46_B	LKD	200	100%	100%	Compliant
D_46_B	Bedroom 1	100	100%	100%	Compliant
D_46_B	Bedroom 2	100	100%	100%	Compliant
D_46_B	Bedroom 3	100	100%	100%	Compliant
D_47_A	LKD	200	100%	100%	Compliant
D_47_A	Bedroom 1	100	100%	100%	Compliant
D_47_A	Bedroom 2	100	100%	100%	Compliant
D_47_B	LKD	200	100%	100%	Compliant
D_47_B	Bedroom 1	100	100%	100%	Compliant
D_47_B	Bedroom 2	100	100%	100%	Compliant
D_47_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.20 SDA Results: Duplexes Group M

Table No. H.2.20 - SDA Results: Duplexes Group M					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_48_A	LKD	200	100%	100%	Compliant
D_48_A	Bedroom 1	100	100%	100%	Compliant
D_48_A	Bedroom 2	100	100%	100%	Compliant
D_48_B	LKD	200	100%	100%	Compliant
D_48_B	Bedroom 1	100	100%	100%	Compliant
D_48_B	Bedroom 2	100	100%	100%	Compliant
D_48_B	Bedroom 3	100	100%	100%	Compliant
D_49_A	LKD	200	100%	100%	Compliant
D_49_A	Bedroom 1	100	100%	100%	Compliant
D_49_A	Bedroom 2	100	100%	100%	Compliant
D_49_B	LKD	200	100%	100%	Compliant
D_49_B	Bedroom 1	100	100%	100%	Compliant
D_49_B	Bedroom 2	100	100%	100%	Compliant
D_49_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.21 SDA Results: Duplexes Group N

Table No. H.2.21 - SDA Results: Duplexes Group N					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_50_A	LKD	200	100%	100%	Compliant
D_50_A	Bedroom 1	100	84%	81%	Compliant
D_50_A	Bedroom 2	100	100%	100%	Compliant
D_50_B	LKD	200	100%	100%	Compliant
D_50_B	Bedroom 1	100	100%	100%	Compliant
D_50_B	Bedroom 2	100	100%	100%	Compliant
D_50_B	Bedroom 3	100	100%	100%	Compliant
D_51_A	LKD	200	71%	67%	Compliant
D_51_A	Bedroom 1	100	100%	100%	Compliant
D_51_A	Bedroom 2	100	100%	100%	Compliant
D_51_B	LKD	200	100%	100%	Compliant
D_51_B	Bedroom 1	100	100%	100%	Compliant
D_51_B	Bedroom 2	100	100%	100%	Compliant
D_51_B	Bedroom 3	100	100%	100%	Compliant
D_52_A	LKD	200	100%	100%	Compliant
D_52_A	Bedroom 1	100	100%	100%	Compliant
D_52_A	Bedroom 2	100	100%	100%	Compliant
D_52_B	LKD	200	100%	100%	Compliant
D_52_B	Bedroom 1	100	100%	100%	Compliant
D_52_B	Bedroom 2	100	100%	100%	Compliant
D_52_B	Bedroom 3	100	100%	100%	Compliant
D_53_A	LKD	200	100%	100%	Compliant
D_53_A	Bedroom 1	100	100%	99%	Compliant
D_53_A	Bedroom 2	100	100%	100%	Compliant
D_53_B	LKD	200	100%	100%	Compliant
D_53_B	Bedroom 1	100	100%	100%	Compliant
D_53_B	Bedroom 2	100	100%	100%	Compliant
D_53_B	Bedroom 3	100	100%	100%	Compliant
D_54_A	LKD	200	100%	100%	Compliant
D_54_A	Bedroom 1	100	99%	95%	Compliant
D_54_A	Bedroom 2	100	100%	100%	Compliant
D_54_B	LKD	200	100%	100%	Compliant
D_54_B	Bedroom 1	100	100%	100%	Compliant
D_54_B	Bedroom 2	100	100%	100%	Compliant
D_54_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.22SDA Results: Duplexes Group O

Table No. H.2.22 - SDA Results: Duplexes Group O					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
D_55_A	LKD	200	100%	100%	Compliant
D_55_A	Bedroom 1	100	100%	100%	Compliant
D_55_A	Bedroom 2	100	100%	100%	Compliant
D_55_B	LKD	200	100%	100%	Compliant
D_55_B	Bedroom 1	100	100%	100%	Compliant
D_55_B	Bedroom 2	100	100%	100%	Compliant
D_55_B	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.23SDA Results: Triplexes Group 1A

Table No. H.2.23 - SDA Results: Triplexes Group 1A					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
T_01_A	LKD	200	100%	96%	Compliant
T_01_A	Bedroom 1	100	100%	100%	Compliant
T_01_A	Bedroom 2	100	100%	100%	Compliant
T_01_B	LKD	200	100%	100%	Compliant
T_01_B	Bedroom 1	100	100%	100%	Compliant
T_01_B	Bedroom 2	100	100%	100%	Compliant
T_01_C	LKD	200	100%	100%	Compliant
T_01_C	Bedroom 1	100	100%	100%	Compliant
T_01_C	Bedroom 2	100	100%	100%	Compliant
T_01_C	Bedroom 3	100	100%	100%	Compliant
T_02_A	LKD	200	98%	89%	Compliant
T_02_A	Bedroom 1	100	100%	100%	Compliant
T_02_A	Bedroom 2	100	100%	100%	Compliant
T_02_B	LKD	200	100%	100%	Compliant
T_02_B	Bedroom 1	100	100%	100%	Compliant
T_02_B	Bedroom 2	100	100%	100%	Compliant
T_02_C	LKD	200	100%	100%	Compliant
T_02_C	Bedroom 1	100	100%	100%	Compliant
T_02_C	Bedroom 2	100	100%	100%	Compliant
T_02_C	Bedroom 3	100	100%	100%	Compliant
T_03_A	LKD	200	99%	85%	Compliant
T_03_A	Bedroom 1	100	100%	100%	Compliant
T_03_A	Bedroom 2	100	100%	100%	Compliant
T_03_B	LKD	200	100%	100%	Compliant
T_03_B	Bedroom 1	100	100%	100%	Compliant
T_03_B	Bedroom 2	100	100%	100%	Compliant
T_03_C	LKD	200	100%	100%	Compliant
T_03_C	Bedroom 1	100	100%	100%	Compliant
T_03_C	Bedroom 2	100	100%	100%	Compliant
T_03_C	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.24 SDA Results: Triplexes Group 1B

Table No. H.2.24 - SDA Results: Triplexes Group 1B					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
T_04_A	LKD	200	82%	62%	Compliant
T_04_A	Bedroom 1	100	100%	100%	Compliant
T_04_A	Bedroom 2	100	100%	100%	Compliant
T_04_B	LKD	200	100%	100%	Compliant
T_04_B	Bedroom 1	100	100%	100%	Compliant
T_04_B	Bedroom 2	100	100%	100%	Compliant
T_04_C	LKD	200	100%	100%	Compliant
T_04_C	Bedroom 1	100	100%	100%	Compliant
T_04_C	Bedroom 2	100	100%	100%	Compliant
T_04_C	Bedroom 3	100	100%	100%	Compliant
T_05_A	LKD	200	82%	62%	Compliant
T_05_A	Bedroom 1	100	100%	100%	Compliant
T_05_A	Bedroom 2	100	100%	100%	Compliant
T_05_B	LKD	200	100%	100%	Compliant
T_05_B	Bedroom 1	100	100%	100%	Compliant
T_05_B	Bedroom 2	100	100%	100%	Compliant
T_05_C	LKD	200	100%	100%	Compliant
T_05_C	Bedroom 1	100	100%	100%	Compliant
T_05_C	Bedroom 2	100	100%	100%	Compliant
T_05_C	Bedroom 3	100	100%	100%	Compliant
T_06_A	LKD	200	97%	82%	Compliant
T_06_A	Bedroom 1	100	100%	100%	Compliant
T_06_A	Bedroom 2	100	100%	100%	Compliant
T_06_B	LKD	200	100%	100%	Compliant
T_06_B	Bedroom 1	100	100%	100%	Compliant
T_06_B	Bedroom 2	100	100%	100%	Compliant
T_06_C	LKD	200	100%	100%	Compliant
T_06_C	Bedroom 1	100	100%	100%	Compliant
T_06_C	Bedroom 2	100	100%	100%	Compliant
T_06_C	Bedroom 3	100	100%	100%	Compliant
T_07_A	LKD	200	97%	93%	Compliant
T_07_A	Bedroom 1	100	100%	100%	Compliant
T_07_A	Bedroom 2	100	100%	100%	Compliant
T_07_B	LKD	200	100%	100%	Compliant
T_07_B	Bedroom 1	100	100%	100%	Compliant
T_07_B	Bedroom 2	100	100%	100%	Compliant
T_07_C	LKD	200	100%	100%	Compliant
T_07_C	Bedroom 1	100	100%	100%	Compliant
T_07_C	Bedroom 2	100	100%	100%	Compliant
T_07_C	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.2.25SDA Results: Triplexes Group 2

Table No. H.2.25 - SDA Results: Triplexes Group 2					
Unit Number	Room Description	Target Lux*	% of area above target Lux* (recommendation >50%)		Compliance with BR 209 Criteria*
			Without Trees***	With Trees**	
T_08_A	LKD	200	100%	100%	Compliant
T_08_A	Bedroom 1	100	100%	88%	Compliant
T_08_A	Bedroom 2	100	100%	100%	Compliant
T_08_B	LKD	200	100%	100%	Compliant
T_08_B	Bedroom 1	100	100%	100%	Compliant
T_08_B	Bedroom 2	100	100%	100%	Compliant
T_08_C	LKD	200	100%	100%	Compliant
T_08_C	Bedroom 1	100	100%	100%	Compliant
T_08_C	Bedroom 2	100	100%	100%	Compliant
T_08_C	Bedroom 3	100	100%	100%	Compliant
T_09_A	LKD	200	100%	100%	Compliant
T_09_A	Bedroom 1	100	96%	91%	Compliant
T_09_A	Bedroom 2	100	100%	100%	Compliant
T_09_B	LKD	200	100%	100%	Compliant
T_09_B	Bedroom 1	100	100%	100%	Compliant
T_09_B	Bedroom 2	100	100%	100%	Compliant
T_09_C	LKD	200	100%	100%	Compliant
T_09_C	Bedroom 1	100	100%	100%	Compliant
T_09_C	Bedroom 2	100	100%	100%	Compliant
T_09_C	Bedroom 3	100	100%	100%	Compliant
T_10_A	LKD	200	100%	100%	Compliant
T_10_A	Bedroom 1	100	96%	89%	Compliant
T_10_A	Bedroom 2	100	100%	100%	Compliant
T_10_B	LKD	200	100%	100%	Compliant
T_10_B	Bedroom 1	100	100%	100%	Compliant
T_10_B	Bedroom 2	100	100%	100%	Compliant
T_10_C	LKD	200	100%	100%	Compliant
T_10_C	Bedroom 1	100	100%	100%	Compliant
T_10_C	Bedroom 2	100	100%	100%	Compliant
T_10_C	Bedroom 3	100	100%	100%	Compliant
T_11_A	LKD	200	100%	100%	Compliant
T_11_A	Bedroom 1	100	94%	88%	Compliant
T_11_A	Bedroom 2	100	100%	100%	Compliant
T_11_B	LKD	200	100%	100%	Compliant
T_11_B	Bedroom 1	100	100%	100%	Compliant
T_11_B	Bedroom 2	100	100%	100%	Compliant
T_11_C	LKD	200	100%	100%	Compliant
T_11_C	Bedroom 1	100	100%	100%	Compliant
T_11_C	Bedroom 2	100	100%	100%	Compliant
T_11_C	Bedroom 3	100	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.

** Under the BR 209 study the SDA has been calculated with indicative trees represented accounting for annual foliage.

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

The SDA circa compliance rates across the entire scheme can be found in section 5.2.1 on page 19.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.3 Sunlight Exposure (SE) in Proposed Units

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

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

A: Unit Number

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

B: Room Description

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

H.3.1 SE Results: Apartment Block - First Floor

Table No. H.3.1 - Sunlight Exposure Results: Apartment Block

Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
APT_01_01	LKD	6.80	High	Compliant	8.70	High	Compliant
APT_01_01	Bedroom 1	2.30	Minimum	-	2.30	Minimum	-
APT_01_01	Bedroom 2	6.50	High	-	8.70	High	-
APT_01_02	LKD	3.10	Medium	Compliant	3.10	Medium	Compliant
APT_01_02	Bedroom 1	2.40	Minimum	-	2.40	Minimum	-
APT_01_03	LKD	3.30	Medium	Compliant	3.30	Medium	Compliant
APT_01_03	Bedroom 1	2.40	Minimum	-	2.40	Minimum	-
APT_01_04	LKD	2.40	Minimum	-	2.40	Minimum	-
APT_01_04	Bedroom 1	3.30	Medium	Compliant	3.30	Medium	Compliant
APT_01_05	LKD	3.20	Medium	-	3.20	Medium	-
APT_01_05	Bedroom 1	3.60	Medium	Compliant	3.60	Medium	Compliant
APT_01_05	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_01_06	LKD	4.50	High	Compliant	4.50	High	Compliant
APT_01_06	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_01_06	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_01_07	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
APT_01_07	Bedroom 1	3.00	Medium	-	3.00	Medium	-
APT_01_08	LKD	2.80	Minimum	Compliant	2.80	Minimum	Compliant
APT_01_08	Bedroom 1	2.30	Minimum	-	2.30	Minimum	-
APT_01_09	LKD	0.90	Below Minimum	-	0.90	Below Minimum	-
APT_01_09	Bedroom 1	2.30	Minimum	Compliant	2.30	Minimum	Compliant
APT_01_10	LKD	4.20	High	-	4.20	High	-
APT_01_10	Bedroom 1	6.10	High	Compliant	9.40	High	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.2 SE Results: Apartment Block - Second Floor

Table No. H.3.2 - Sunlight Exposure Results: Apartment Block

Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
APT_02_01	LKD	8.90	High	Compliant	9.40	High	Compliant
APT_02_01	Bedroom 1	3.30	Medium	-	3.30	Medium	-
APT_02_01	Bedroom 2	8.30	High	-	8.50	High	-
APT_02_02	LKD	3.50	Medium	Compliant	3.50	Medium	Compliant
APT_02_02	Bedroom 1	2.90	Minimum	-	2.90	Minimum	-
APT_02_03	LKD	3.20	Medium	Compliant	3.20	Medium	Compliant
APT_02_03	Bedroom 1	2.40	Minimum	-	2.40	Minimum	-
APT_02_04	LKD	2.40	Minimum	-	2.40	Minimum	-
APT_02_04	Bedroom 1	3.70	Medium	Compliant	3.70	Medium	Compliant
APT_02_05	LKD	3.70	Medium	-	3.70	Medium	-
APT_02_05	Bedroom 1	3.90	Medium	Compliant	3.90	Medium	Compliant
APT_02_05	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_02_06	LKD	5.30	High	Compliant	5.30	High	Compliant
APT_02_06	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_02_06	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_02_07	LKD	3.00	Medium	-	3.00	Medium	-
APT_02_07	Bedroom 1	4.00	High	Compliant	4.00	High	Compliant
APT_02_08	LKD	3.60	Medium	Compliant	3.60	Medium	Compliant
APT_02_08	Bedroom 1	3.00	Medium	-	3.00	Medium	-
APT_02_09	LKD	2.10	Minimum	-	2.10	Minimum	-
APT_02_09	Bedroom 1	2.80	Minimum	Compliant	2.80	Minimum	Compliant
APT_02_10	LKD	8.10	High	Compliant	9.40	High	Compliant
APT_02_10	Bedroom 1	5.70	High	-	8.20	High	-
APT_02_10	Bedroom 2	6.90	High	-	8.80	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.3 SE Results: Apartment Block - Third Floor

Table No. H.3.3 - Sunlight Exposure Results: Apartment Block

Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
APT_03_01	LKD	8.50	High	-	8.50	High	-
APT_03_01	Bedroom 1	2.30	Minimum	-	2.30	Minimum	-
APT_03_01	Bedroom 2	9.40	High	Compliant	9.40	High	Compliant
APT_03_02	LKD	3.20	Medium	Compliant	3.20	Medium	Compliant
APT_03_02	Bedroom 1	2.40	Minimum	-	2.40	Minimum	-
APT_03_03	LKD	3.50	Medium	Compliant	3.50	Medium	Compliant
APT_03_03	Bedroom 1	2.90	Minimum	-	2.90	Minimum	-
APT_03_04	LKD	3.90	Medium	Compliant	3.90	Medium	Compliant
APT_03_04	Bedroom 1	2.40	Minimum	-	2.40	Minimum	-
APT_03_05	LKD	3.40	Medium	Compliant	3.40	Medium	Compliant
APT_03_05	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
APT_03_05	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_03_06	LKD	5.50	High	Compliant	5.50	High	Compliant
APT_03_06	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_03_06	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_03_07	LKD	4.40	High	Compliant	4.40	High	Compliant
APT_03_07	Bedroom 1	4.30	High	-	4.30	High	-
APT_03_08	LKD	3.40	Medium	Compliant	3.40	Medium	Compliant
APT_03_08	Bedroom 1	3.00	Medium	-	3.00	Medium	-
APT_03_09	LKD	2.10	Minimum	-	2.10	Minimum	-
APT_03_09	Bedroom 1	2.80	Minimum	Compliant	2.80	Minimum	Compliant
APT_03_10	LKD	9.40	High	Compliant	9.40	High	Compliant
APT_03_10	Bedroom 1	8.30	High	-	8.30	High	-
APT_03_10	Bedroom 2	8.70	High	-	8.70	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.4 SE Results: Apartment Block - Fourth Floor

Table No. H.3.4 - Sunlight Exposure Results: Apartment Block

Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
APT_04_01	LKD	8.50	High	-	8.50	High	-
APT_04_01	Bedroom 1	3.30	Medium	-	3.30	Medium	-
APT_04_01	Bedroom 2	9.40	High	Compliant	9.40	High	Compliant
APT_04_02	LKD	3.50	Medium	Compliant	3.50	Medium	Compliant
APT_04_02	Bedroom 1	2.90	Minimum	-	2.90	Minimum	-
APT_04_03	LKD	3.20	Medium	Compliant	3.20	Medium	Compliant
APT_04_03	Bedroom 1	2.40	Minimum	-	2.40	Minimum	-
APT_04_04	LKD	2.40	Minimum	-	2.40	Minimum	-
APT_04_04	Bedroom 1	3.70	Medium	Compliant	3.70	Medium	Compliant
APT_04_05	LKD	3.70	Medium	-	3.70	Medium	-
APT_04_05	Bedroom 1	3.90	Medium	Compliant	3.90	Medium	Compliant
APT_04_05	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_04_06	LKD	5.80	High	Compliant	5.80	High	Compliant
APT_04_06	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_04_06	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_04_07	LKD	3.00	Medium	-	3.00	Medium	-
APT_04_07	Bedroom 1	4.00	High	Compliant	4.00	High	Compliant
APT_04_08	LKD	4.10	High	Compliant	4.10	High	Compliant
APT_04_08	Bedroom 1	3.00	Medium	-	3.00	Medium	-
APT_04_09	LKD	2.10	Minimum	-	2.10	Minimum	-
APT_04_09	Bedroom 1	2.80	Minimum	Compliant	2.80	Minimum	Compliant
APT_04_10	LKD	9.40	High	Compliant	9.40	High	Compliant
APT_04_10	Bedroom 1	8.20	High	-	8.20	High	-
APT_04_10	Bedroom 2	8.80	High	-	8.80	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.5 SE Results: Apartment Block - Fifth Floor

Table No. H.3.5 - Sunlight Exposure Results: Apartment Block							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
APT_05_01	LKD	9.40	High	Compliant	9.40	High	Compliant
APT_05_01	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
APT_05_01	Bedroom 2	8.50	High	-	8.50	High	-
APT_05_02	LKD	3.20	Medium	Compliant	3.20	Medium	Compliant
APT_05_02	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
APT_05_03	LKD	3.80	Medium	Compliant	3.80	Medium	Compliant
APT_05_03	Bedroom 1	2.90	Minimum	-	2.90	Minimum	-
APT_05_04	LKD	4.00	High	Compliant	4.00	High	Compliant
APT_05_04	Bedroom 1	2.50	Minimum	-	2.50	Minimum	-
APT_05_05	LKD	3.30	Medium	Compliant	3.30	Medium	Compliant
APT_05_05	Bedroom 1	2.60	Minimum	-	2.60	Minimum	-
APT_05_05	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_05_06	LKD	5.90	High	Compliant	5.90	High	Compliant
APT_05_06	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_05_06	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_05_07	LKD	4.80	High	Compliant	4.80	High	Compliant
APT_05_07	Bedroom 1	4.50	High	-	4.50	High	-
APT_05_08	LKD	4.20	High	Compliant	4.20	High	Compliant
APT_05_08	Bedroom 1	3.20	Medium	-	3.20	Medium	-
APT_05_09	LKD	3.60	Medium	Compliant	3.60	Medium	Compliant
APT_05_09	Bedroom 1	3.20	Medium	-	3.20	Medium	-
APT_05_10	LKD	9.40	High	Compliant	9.40	High	Compliant
APT_05_10	Bedroom 1	8.50	High	-	8.50	High	-
APT_05_10	Bedroom 2	9.10	High	-	9.10	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.6 SE Results: Apartment Block - Sixth Floor

Table No. H.3.6 - Sunlight Exposure Results: Apartment Block

Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
APT_06_01	LKD	8.50	High	-	8.50	High	-
APT_06_01	Bedroom 1	3.90	Medium	-	3.90	Medium	-
APT_06_01	Bedroom 2	9.40	High	Compliant	9.40	High	Compliant
APT_06_02	LKD	3.70	Medium	Compliant	3.70	Medium	Compliant
APT_06_02	Bedroom 1	2.90	Minimum	-	2.90	Minimum	-
APT_06_03	LKD	3.90	Medium	Compliant	3.90	Medium	Compliant
APT_06_03	Bedroom 1	3.70	Medium	-	3.70	Medium	-
APT_06_04	LKD	3.90	Medium	Compliant	3.90	Medium	Compliant
APT_06_04	Bedroom 1	2.90	Minimum	-	2.90	Minimum	-
APT_06_05	LKD	3.70	Medium	-	3.70	Medium	-
APT_06_05	Bedroom 1	3.90	Medium	Compliant	3.90	Medium	Compliant
APT_06_05	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
APT_06_06	LKD	4.50	High	-	4.50	High	-
APT_06_06	Bedroom 1	4.60	High	Compliant	4.60	High	Compliant
APT_06_07	LKD	4.60	High	Compliant	4.60	High	Compliant
APT_06_07	Bedroom 1	4.50	High	-	4.50	High	-
APT_06_08	LKD	4.20	High	-	4.20	High	-
APT_06_08	Bedroom 1	4.50	High	Compliant	4.50	High	Compliant

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

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.7 SE Results: Duplexes Group A

Table No. H.3.7 - Sunlight Exposure Results: Duplexes Group A							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_01_A	LKD	8.30	High	Compliant	9.20	High	-
D_01_A	Bedroom 1	1.70	Minimum	-	2.60	Minimum	-
D_01_A	Bedroom 2	6.20	High	-	9.30	High	Compliant
D_01_B	LKD	8.60	High	Compliant	9.40	High	Compliant
D_01_B	Bedroom 1	8.00	High	-	8.00	High	-
D_01_B	Bedroom 2	8.00	High	-	9.30	High	-
D_01_B	Bedroom 3	4.30	High	-	4.30	High	-
D_02_A	LKD	4.50	High	Compliant	4.80	High	Compliant
D_02_A	Bedroom 1	1.60	Minimum	-	1.60	Minimum	-
D_02_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_02_B	LKD	4.60	High	Compliant	4.60	High	Compliant
D_02_B	Bedroom 1	2.10	Minimum	-	2.10	Minimum	-
D_02_B	Bedroom 2	4.30	High	-	4.30	High	-
D_02_B	Bedroom 3	4.30	High	-	4.30	High	-
D_03_A	LKD	4.70	High	Compliant	4.80	High	Compliant
D_03_A	Bedroom 1	0.80	Below Minimum	-	0.80	Below Minimum	-
D_03_A	Bedroom 2	1.00	Below Minimum	-	1.00	Below Minimum	-
D_03_B	LKD	4.60	High	Compliant	4.60	High	Compliant
D_03_B	Bedroom 1	1.60	Minimum	-	1.60	Minimum	-
D_03_B	Bedroom 2	4.30	High	-	4.30	High	-
D_03_B	Bedroom 3	4.30	High	-	4.30	High	-
D_04_A	LKD	3.50	Medium	Compliant	4.80	High	Compliant
D_04_A	Bedroom 1	0.70	Below Minimum	-	0.70	Below Minimum	-
D_04_A	Bedroom 2	0.70	Below Minimum	-	0.70	Below Minimum	-
D_04_B	LKD	6.10	High	Compliant	6.10	High	Compliant
D_04_B	Bedroom 1	1.80	Minimum	-	1.80	Minimum	-
D_04_B	Bedroom 2	4.30	High	-	4.30	High	-
D_04_B	Bedroom 3	4.30	High	-	4.30	High	-
D_05_A	LKD	1.00	Below Minimum	-	1.00	Below Minimum	-
D_05_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_05_A	Bedroom 2	2.90	Minimum	Compliant	4.60	High	Compliant
D_05_B	LKD	4.60	High	Compliant	4.60	High	Compliant
D_05_B	Bedroom 1	1.90	Minimum	-	1.90	Minimum	-
D_05_B	Bedroom 2	4.40	High	-	4.40	High	-
D_05_B	Bedroom 3	4.40	High	-	4.40	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.8 SE Results: Duplexes Group B

Table No. H.3.8 - Sunlight Exposure Results: Duplexes Group B

Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_06_A	LKD	9.00	High	Compliant	9.40	High	Compliant
D_06_A	Bedroom 1	8.80	High	-	9.40	High	-
D_06_A	Bedroom 2	1.90	Minimum	-	2.70	Minimum	-
D_06_B	LKD	6.80	High	-	6.80	High	-
D_06_B	Bedroom 1	9.30	High	Compliant	9.30	High	Compliant
D_06_B	Bedroom 2	2.90	Minimum	-	2.90	Minimum	-
D_06_B	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-

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

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.9 SE Results: Duplexes Group C

Table No. H.3.9 - Sunlight Exposure Results: Duplexes Group C							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_07_A	LKD	3.20	Medium	-	3.30	Medium	-
D_07_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_07_A	Bedroom 2	6.90	High	Compliant	7.50	High	Compliant
D_07_B	LKD	8.90	High	-	8.90	High	-
D_07_B	Bedroom 1	2.70	Minimum	-	2.70	Minimum	-
D_07_B	Bedroom 2	9.20	High	Compliant	9.20	High	Compliant
D_07_B	Bedroom 3	6.20	High	-	6.20	High	-
D_08_A	LKD	8.10	High	Compliant	8.10	High	Compliant
D_08_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_08_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_08_B	LKD	9.20	High	-	9.20	High	-
D_08_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_08_B	Bedroom 2	9.30	High	Compliant	9.30	High	Compliant
D_08_B	Bedroom 3	9.30	High	-	9.30	High	-
D_09_A	LKD	6.90	High	Compliant	7.60	High	Compliant
D_09_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_09_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_09_B	LKD	9.30	High	Compliant	9.30	High	Compliant
D_09_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_09_B	Bedroom 2	9.30	High	-	9.30	High	-
D_09_B	Bedroom 3	9.30	High	-	9.30	High	-
D_10_A	LKD	7.80	High	Compliant	8.10	High	Compliant
D_10_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_10_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_10_B	LKD	9.40	High	Compliant	9.40	High	Compliant
D_10_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_10_B	Bedroom 2	9.30	High	-	9.30	High	-
D_10_B	Bedroom 3	9.30	High	-	9.30	High	-
D_11_A	LKD	6.70	High	Compliant	7.80	High	Compliant
D_11_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_11_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_11_B	LKD	9.40	High	Compliant	9.40	High	Compliant
D_11_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_11_B	Bedroom 2	9.30	High	-	9.30	High	-
D_11_B	Bedroom 3	9.30	High	-	9.30	High	-
D_12_A	LKD	3.40	Medium	-	3.90	Medium	-
D_12_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_12_A	Bedroom 2	8.40	High	Compliant	8.40	High	Compliant
D_12_B	LKD	9.40	High	Compliant	9.40	High	Compliant
D_12_B	Bedroom 1	3.40	Medium	-	3.40	Medium	-
D_12_B	Bedroom 2	9.40	High	-	9.40	High	-
D_12_B	Bedroom 3	9.30	High	-	9.30	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.10 SE Results: Duplexes Group D

Table No. H.3.10 - Sunlight Exposure Results: Duplexes Group D							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_13_A	LKD	1.10	Below Minimum	-	2.30	Minimum	-
D_13_A	Bedroom 1	0.30	Below Minimum	-	0.30	Below Minimum	-
D_13_A	Bedroom 2	4.80	High	Compliant	6.80	High	Compliant
D_13_B	LKD	6.80	High	Compliant	6.80	High	Compliant
D_13_B	Bedroom 1	1.80	Minimum	-	1.80	Minimum	-
D_13_B	Bedroom 2	6.50	High	-	6.50	High	-
D_13_B	Bedroom 3	6.50	High	-	6.50	High	-
D_14_A	LKD	5.90	High	Compliant	5.90	High	Compliant
D_14_A	Bedroom 1	1.00	Below Minimum	-	1.00	Below Minimum	-
D_14_A	Bedroom 2	0.60	Below Minimum	-	0.60	Below Minimum	-
D_14_B	LKD	6.80	High	Compliant	6.80	High	Compliant
D_14_B	Bedroom 1	1.40	Below Minimum	-	1.40	Below Minimum	-
D_14_B	Bedroom 2	6.50	High	-	6.50	High	-
D_14_B	Bedroom 3	6.00	High	-	6.50	High	-
D_15_A	LKD	6.50	High	-	6.50	High	-
D_15_A	Bedroom 1	1.50	Minimum	-	1.50	Minimum	-
D_15_A	Bedroom 2	8.20	High	Compliant	8.80	High	Compliant
D_15_B	LKD	9.40	High	Compliant	9.40	High	Compliant
D_15_B	Bedroom 1	5.60	High	-	5.60	High	-
D_15_B	Bedroom 2	9.40	High	-	9.40	High	-
D_15_B	Bedroom 3	6.50	High	-	6.50	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.11 SE Results: Duplexes Group E

Table No. H.3.11 - Sunlight Exposure Results: Duplexes Group E							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_16_A	LKD	3.70	Medium	-	3.70	Medium	-
D_16_A	Bedroom 1	3.80	Medium	Compliant	3.80	Medium	Compliant
D_16_A	Bedroom 2	0.20	Below Minimum	-	0.20	Below Minimum	-
D_16_B	LKD	5.40	High	Compliant	5.40	High	Compliant
D_16_B	Bedroom 1	5.40	High	-	5.40	High	-
D_16_B	Bedroom 2	1.40	Below Minimum	-	1.40	Below Minimum	-
D_16_B	Bedroom 3	1.40	Below Minimum	-	1.40	Below Minimum	-
D_17_A	LKD	0.00	Below Minimum	-	0.00	Below Minimum	-
D_17_A	Bedroom 1	1.60	Minimum	Compliant	1.60	Minimum	Compliant
D_17_A	Bedroom 2	1.20	Below Minimum	-	1.20	Below Minimum	-
D_17_B	LKD	4.20	High	-	4.20	High	-
D_17_B	Bedroom 1	6.20	High	Compliant	6.20	High	Compliant
D_17_B	Bedroom 2	1.40	Below Minimum	-	1.40	Below Minimum	-
D_17_B	Bedroom 3	1.40	Below Minimum	-	1.40	Below Minimum	-
D_18_A	LKD	4.80	High	Compliant	4.80	High	Compliant
D_18_A	Bedroom 1	2.60	Minimum	-	2.60	Minimum	-
D_18_A	Bedroom 2	4.50	High	-	4.50	High	-
D_18_B	LKD	7.40	High	-	7.40	High	-
D_18_B	Bedroom 1	7.90	High	Compliant	7.90	High	Compliant
D_18_B	Bedroom 2	6.00	High	-	6.00	High	-
D_18_B	Bedroom 3	1.40	Below Minimum	-	1.40	Below Minimum	-

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

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.12 SE Results: Duplexes Group F

Table No. H.3.12 - Sunlight Exposure Results: Duplexes Group F							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_19_A	LKD	2.10	Minimum	-	2.10	Minimum	-
D_19_A	Bedroom 1	0.80	Below Minimum	-	0.80	Below Minimum	-
D_19_A	Bedroom 2	4.80	High	Compliant	4.80	High	Compliant
D_19_B	LKD	5.80	High	-	5.80	High	-
D_19_B	Bedroom 1	1.30	Below Minimum	-	1.30	Below Minimum	-
D_19_B	Bedroom 2	6.40	High	-	6.40	High	-
D_19_B	Bedroom 3	6.50	High	Compliant	6.50	High	Compliant
D_20_A	LKD	1.40	Below Minimum	-	1.40	Below Minimum	-
D_20_A	Bedroom 1	1.20	Below Minimum	-	1.20	Below Minimum	-
D_20_A	Bedroom 2	5.10	High	Compliant	5.30	High	Compliant
D_20_B	LKD	7.40	High	Compliant	7.40	High	Compliant
D_20_B	Bedroom 1	1.30	Below Minimum	-	1.30	Below Minimum	-
D_20_B	Bedroom 2	6.20	High	-	6.20	High	-
D_20_B	Bedroom 3	6.20	High	-	6.20	High	-
D_21_A	LKD	1.50	Minimum	-	1.50	Minimum	-
D_21_A	Bedroom 1	0.80	Below Minimum	-	0.80	Below Minimum	-
D_21_A	Bedroom 2	5.80	High	Compliant	5.80	High	Compliant
D_21_B	LKD	6.30	High	-	6.30	High	-
D_21_B	Bedroom 1	1.30	Below Minimum	-	1.30	Below Minimum	-
D_21_B	Bedroom 2	6.60	High	Compliant	6.60	High	Compliant
D_21_B	Bedroom 3	6.60	High	-	6.60	High	-
D_22_A	LKD	0.60	Below Minimum	-	0.60	Below Minimum	-
D_22_A	Bedroom 1	0.60	Below Minimum	-	0.60	Below Minimum	-
D_22_A	Bedroom 2	6.30	High	Compliant	6.50	High	Compliant
D_22_B	LKD	7.80	High	Compliant	7.90	High	Compliant
D_22_B	Bedroom 1	1.30	Below Minimum	-	1.30	Below Minimum	-
D_22_B	Bedroom 2	6.60	High	-	6.60	High	-
D_22_B	Bedroom 3	6.60	High	-	6.60	High	-
D_23_A	LKD	0.10	Below Minimum	-	0.10	Below Minimum	-
D_23_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_23_A	Bedroom 2	5.60	High	Compliant	6.70	High	Compliant
D_23_B	LKD	6.90	High	Compliant	6.90	High	Compliant
D_23_B	Bedroom 1	1.30	Below Minimum	-	1.30	Below Minimum	-
D_23_B	Bedroom 2	6.60	High	-	6.60	High	-
D_23_B	Bedroom 3	6.60	High	-	6.60	High	-
D_24_A	LKD	2.50	Minimum	-	2.50	Minimum	-
D_24_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_24_A	Bedroom 2	5.50	High	Compliant	5.50	High	Compliant
D_24_B	LKD	6.90	High	Compliant	6.90	High	Compliant
D_24_B	Bedroom 1	0.70	Below Minimum	-	0.70	Below Minimum	-
D_24_B	Bedroom 2	6.60	High	-	6.60	High	-
D_24_B	Bedroom 3	6.60	High	-	6.60	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.13 SE Results: Duplexes Group G

Table No. H.3.13 - Sunlight Exposure Results: Duplexes Group G

Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_25_A	LKD	6.30	High	Compliant	8.60	High	Compliant
D_25_A	Bedroom 1	5.10	High	-	5.40	High	-
D_25_A	Bedroom 2	1.50	Minimum	-	1.50	Minimum	-
D_25_B	LKD	9.40	High	Compliant	9.40	High	Compliant
D_25_B	Bedroom 1	6.00	High	-	6.00	High	-
D_25_B	Bedroom 2	9.40	High	-	9.40	High	-
D_25_B	Bedroom 3	6.20	High	-	6.20	High	-
D_26_A	LKD	5.90	High	Compliant	6.70	High	Compliant
D_26_A	Bedroom 1	1.00	Below Minimum	-	1.00	Below Minimum	-
D_26_A	Bedroom 2	0.90	Below Minimum	-	0.90	Below Minimum	-
D_26_B	LKD	6.40	High	Compliant	6.40	High	Compliant
D_26_B	Bedroom 1	1.80	Minimum	-	1.80	Minimum	-
D_26_B	Bedroom 2	6.20	High	-	6.20	High	-
D_26_B	Bedroom 3	6.20	High	-	6.20	High	-
D_27_A	LKD	6.60	High	Compliant	6.60	High	Compliant
D_27_A	Bedroom 1	0.40	Below Minimum	-	0.40	Below Minimum	-
D_27_A	Bedroom 2	0.20	Below Minimum	-	0.20	Below Minimum	-
D_27_B	LKD	8.10	High	Compliant	8.10	High	Compliant
D_27_B	Bedroom 1	1.60	Minimum	-	1.60	Minimum	-
D_27_B	Bedroom 2	6.20	High	-	6.20	High	-
D_27_B	Bedroom 3	6.20	High	-	6.20	High	-
D_28_A	LKD	6.70	High	Compliant	6.70	High	Compliant
D_28_A	Bedroom 1	0.70	Below Minimum	-	0.70	Below Minimum	-
D_28_A	Bedroom 2	0.10	Below Minimum	-	0.10	Below Minimum	-
D_28_B	LKD	6.40	High	Compliant	6.40	High	Compliant
D_28_B	Bedroom 1	0.60	Below Minimum	-	0.60	Below Minimum	-
D_28_B	Bedroom 2	4.90	High	-	4.90	High	-
D_28_B	Bedroom 3	6.20	High	-	6.20	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.14 SE Results: Duplexes Group H

Table No. H.3.14 - Sunlight Exposure Results: Duplexes Group H							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_29_A	LKD	6.70	High	Compliant	6.90	High	Compliant
D_29_A	Bedroom 1	4.10	High	-	4.10	High	-
D_29_A	Bedroom 2	2.50	Minimum	-	3.80	Medium	-
D_29_B	LKD	8.40	High	Compliant	8.40	High	Compliant
D_29_B	Bedroom 1	4.40	High	-	4.40	High	-
D_29_B	Bedroom 2	3.50	Medium	-	3.50	Medium	-
D_29_B	Bedroom 3	3.50	Medium	-	3.50	Medium	-
D_30_A	LKD	4.50	High	Compliant	4.50	High	Compliant
D_30_A	Bedroom 1	4.20	High	-	4.20	High	-
D_30_A	Bedroom 2	2.40	Minimum	-	3.80	Medium	-
D_30_B	LKD	6.30	High	Compliant	6.30	High	Compliant
D_30_B	Bedroom 1	4.40	High	-	4.40	High	-
D_30_B	Bedroom 2	3.50	Medium	-	3.50	Medium	-
D_30_B	Bedroom 3	3.50	Medium	-	3.50	Medium	-

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

** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.

*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.

For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.15 SE Results: Duplexes Group I1

Table No. H.3.15 - Sunlight Exposure Results: Duplexes Group I1							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_31_A	LKD	6.70	High	Compliant	6.70	High	Compliant
D_31_A	Bedroom 1	5.70	High	-	6.50	High	-
D_31_A	Bedroom 2	1.20	Below Minimum	-	3.00	Medium	-
D_31_B	LKD	7.10	High	-	7.10	High	-
D_31_B	Bedroom 1	9.40	High	Compliant	9.40	High	Compliant
D_31_B	Bedroom 2	3.30	Medium	-	3.30	Medium	-
D_31_B	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
D_32_A	LKD	6.30	High	-	6.60	High	-
D_32_A	Bedroom 1	6.90	High	Compliant	6.90	High	Compliant
D_32_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_32_B	LKD	5.10	High	-	5.10	High	-
D_32_B	Bedroom 1	9.40	High	Compliant	9.40	High	Compliant
D_32_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_32_B	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
D_33_A	LKD	7.60	High	Compliant	7.60	High	Compliant
D_33_A	Bedroom 1	7.30	High	-	7.30	High	-
D_33_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_33_B	LKD	7.40	High	-	7.40	High	-
D_33_B	Bedroom 1	9.40	High	Compliant	9.40	High	Compliant
D_33_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_33_B	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.16 SE Results: Duplexes Group I2

Table No. H.3.16 - Sunlight Exposure Results: Duplexes Group I2							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_34_A	LKD	7.50	High	-	7.50	High	-
D_34_A	Bedroom 1	7.60	High	Compliant	7.60	High	Compliant
D_34_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_34_B	LKD	7.00	High	-	7.00	High	-
D_34_B	Bedroom 1	9.40	High	Compliant	9.40	High	Compliant
D_34_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_34_B	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
D_35_A	LKD	7.60	High	Compliant	7.60	High	Compliant
D_35_A	Bedroom 1	7.60	High	-	7.60	High	-
D_35_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_35_B	LKD	7.40	High	-	7.40	High	-
D_35_B	Bedroom 1	9.40	High	Compliant	9.40	High	Compliant
D_35_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_35_B	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
D_36_A	LKD	7.40	High	Compliant	7.40	High	Compliant
D_36_A	Bedroom 1	7.00	High	-	7.00	High	-
D_36_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_36_B	LKD	6.90	High	-	6.90	High	-
D_36_B	Bedroom 1	9.40	High	Compliant	9.40	High	Compliant
D_36_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_36_B	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-
D_37_A	LKD	8.80	High	Compliant	8.80	High	Compliant
D_37_A	Bedroom 1	6.40	High	-	6.40	High	-
D_37_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_37_B	LKD	7.00	High	-	7.00	High	-
D_37_B	Bedroom 1	9.40	High	Compliant	9.40	High	Compliant
D_37_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
D_37_B	Bedroom 3	0.00	Below Minimum	-	0.00	Below Minimum	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.17 SE Results: Duplexes Group J

Table No. H.3.17 - Sunlight Exposure Results: Duplexes Group J							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_38_A	LKD	3.10	Medium	-	3.10	Medium	-
D_38_A	Bedroom 1	3.00	Medium	-	3.40	Medium	-
D_38_A	Bedroom 2	3.70	Medium	Compliant	3.70	Medium	Compliant
D_38_B	LKD	5.90	High	Compliant	5.90	High	Compliant
D_38_B	Bedroom 1	3.70	Medium	-	3.70	Medium	-
D_38_B	Bedroom 2	4.20	High	-	4.20	High	-
D_38_B	Bedroom 3	4.20	High	-	4.20	High	-
D_39_A	LKD	9.40	High	Compliant	9.40	High	Compliant
D_39_A	Bedroom 1	2.00	Minimum	-	3.90	Medium	-
D_39_A	Bedroom 2	8.80	High	-	8.80	High	-
D_39_B	LKD	9.00	High	Compliant	9.40	High	Compliant
D_39_B	Bedroom 1	8.20	High	-	8.20	High	-
D_39_B	Bedroom 2	8.80	High	-	8.80	High	-
D_39_B	Bedroom 3	4.20	High	-	4.20	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.18 SE Results: Duplexes Group K

Table No. H.3.18 - Sunlight Exposure Results: Duplexes Group K

Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_40_A	LKD	3.50	Medium	-	4.00	High	-
D_40_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_40_A	Bedroom 2	3.60	Medium	Compliant	8.70	High	Compliant
D_40_B	LKD	6.60	High	-	9.40	High	Compliant
D_40_B	Bedroom 1	3.60	Medium	-	3.60	Medium	-
D_40_B	Bedroom 2	9.30	High	Compliant	9.40	High	-
D_40_B	Bedroom 3	8.60	High	-	9.10	High	-
D_41_A	LKD	0.10	Below Minimum	-	0.10	Below Minimum	-
D_41_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_41_A	Bedroom 2	3.40	Medium	Compliant	8.00	High	Compliant
D_41_B	LKD	5.30	High	-	9.40	High	Compliant
D_41_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_41_B	Bedroom 2	8.60	High	Compliant	9.10	High	-
D_41_B	Bedroom 3	8.50	High	-	9.10	High	-
D_42_A	LKD	0.20	Below Minimum	-	0.20	Below Minimum	-
D_42_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_42_A	Bedroom 2	3.40	Medium	Compliant	8.70	High	Compliant
D_42_B	LKD	5.00	High	-	9.40	High	Compliant
D_42_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_42_B	Bedroom 2	8.40	High	Compliant	9.10	High	-
D_42_B	Bedroom 3	8.10	High	-	9.10	High	-
D_43_A	LKD	0.10	Below Minimum	-	0.10	Below Minimum	-
D_43_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_43_A	Bedroom 2	3.60	Medium	Compliant	8.00	High	Compliant
D_43_B	LKD	5.00	High	-	9.40	High	Compliant
D_43_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_43_B	Bedroom 2	8.10	High	Compliant	9.10	High	-
D_43_B	Bedroom 3	7.90	High	-	9.10	High	-
D_44_A	LKD	0.20	Below Minimum	-	0.20	Below Minimum	-
D_44_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_44_A	Bedroom 2	3.40	Medium	Compliant	8.70	High	Compliant
D_44_B	LKD	4.70	High	-	9.40	High	Compliant
D_44_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_44_B	Bedroom 2	8.00	High	Compliant	9.10	High	-
D_44_B	Bedroom 3	6.90	High	-	9.10	High	-
D_45_A	LKD	2.00	Minimum	-	3.90	Medium	-
D_45_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
D_45_A	Bedroom 2	5.60	High	Compliant	8.00	High	Compliant
D_45_B	LKD	6.10	High	-	9.40	High	Compliant
D_45_B	Bedroom 1	3.00	Medium	-	3.00	Medium	-
D_45_B	Bedroom 2	9.00	High	Compliant	9.10	High	-
D_45_B	Bedroom 3	7.20	High	-	9.10	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.19 SE Results: Duplexes Group L

Table No. H.3.19 - Sunlight Exposure Results: Duplexes Group L							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_46_A	LKD	7.90	High	Compliant	9.10	High	Compliant
D_46_A	Bedroom 1	3.20	Medium	-	4.00	High	-
D_46_A	Bedroom 2	7.70	High	-	7.90	High	-
D_46_B	LKD	9.40	High	Compliant	9.40	High	Compliant
D_46_B	Bedroom 1	9.00	High	-	9.00	High	-
D_46_B	Bedroom 2	8.10	High	-	8.10	High	-
D_46_B	Bedroom 3	3.60	Medium	-	3.60	Medium	-
D_47_A	LKD	3.40	Medium	Compliant	3.40	Medium	-
D_47_A	Bedroom 1	3.30	Medium	-	3.30	Medium	-
D_47_A	Bedroom 2	3.00	Medium	-	3.90	Medium	Compliant
D_47_B	LKD	6.00	High	Compliant	6.00	High	Compliant
D_47_B	Bedroom 1	4.20	High	-	4.20	High	-
D_47_B	Bedroom 2	3.70	Medium	-	3.70	Medium	-
D_47_B	Bedroom 3	3.60	Medium	-	3.60	Medium	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.20 SE Results: Duplexes Group M

Table No. H.3.20 - Sunlight Exposure Results: Duplexes Group M							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_48_A	LKD	6.30	High	Compliant	9.00	High	Compliant
D_48_A	Bedroom 1	1.50	Minimum	-	3.40	Medium	-
D_48_A	Bedroom 2	3.40	Medium	-	8.10	High	-
D_48_B	LKD	8.90	High	Compliant	9.40	High	Compliant
D_48_B	Bedroom 1	8.10	High	-	8.20	High	-
D_48_B	Bedroom 2	8.80	High	-	8.80	High	-
D_48_B	Bedroom 3	4.20	High	-	4.20	High	-
D_49_A	LKD	7.60	High	Compliant	9.40	High	Compliant
D_49_A	Bedroom 1	2.80	Minimum	-	3.50	Medium	-
D_49_A	Bedroom 2	7.30	High	-	8.30	High	-
D_49_B	LKD	9.10	High	Compliant	9.40	High	Compliant
D_49_B	Bedroom 1	8.40	High	-	9.00	High	-
D_49_B	Bedroom 2	6.10	High	-	8.10	High	-
D_49_B	Bedroom 3	1.90	Minimum	-	3.60	Medium	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.21 SE Results: Duplexes Group N

Table No. H.3.21 - Sunlight Exposure Results: Duplexes Group N							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_50_A	LKD	2.40	Minimum	-	2.40	Minimum	-
D_50_A	Bedroom 1	2.00	Minimum	-	2.60	Minimum	-
D_50_A	Bedroom 2	2.90	Minimum	Compliant	4.10	High	Compliant
D_50_B	LKD	5.10	High	Compliant	5.40	High	Compliant
D_50_B	Bedroom 1	3.50	Medium	-	3.50	Medium	-
D_50_B	Bedroom 2	4.20	High	-	4.20	High	-
D_50_B	Bedroom 3	3.30	Medium	-	4.20	High	-
D_51_A	LKD	4.30	High	Compliant	4.30	High	Compliant
D_51_A	Bedroom 1	2.00	Minimum	-	3.30	Medium	-
D_51_A	Bedroom 2	1.80	Minimum	-	3.90	Medium	-
D_51_B	LKD	4.80	High	Compliant	5.40	High	Compliant
D_51_B	Bedroom 1	3.70	Medium	-	3.70	Medium	-
D_51_B	Bedroom 2	4.20	High	-	4.20	High	-
D_51_B	Bedroom 3	4.20	High	-	4.20	High	-
D_52_A	LKD	5.20	High	Compliant	8.70	High	Compliant
D_52_A	Bedroom 1	2.30	Minimum	-	4.00	High	-
D_52_A	Bedroom 2	1.50	Minimum	-	8.20	High	-
D_52_B	LKD	9.20	High	Compliant	9.40	High	Compliant
D_52_B	Bedroom 1	7.60	High	-	8.20	High	-
D_52_B	Bedroom 2	8.80	High	-	8.80	High	-
D_52_B	Bedroom 3	4.20	High	-	4.20	High	-
D_53_A	LKD	7.90	High	Compliant	8.30	High	Compliant
D_53_A	Bedroom 1	2.70	Minimum	-	2.70	Minimum	-
D_53_A	Bedroom 2	5.60	High	-	8.30	High	-
D_53_B	LKD	8.50	High	Compliant	8.70	High	-
D_53_B	Bedroom 1	6.50	High	-	9.00	High	Compliant
D_53_B	Bedroom 2	6.60	High	-	8.10	High	-
D_53_B	Bedroom 3	2.80	Minimum	-	3.60	Medium	-
D_54_A	LKD	2.90	Minimum	Compliant	2.90	Minimum	-
D_54_A	Bedroom 1	2.60	Minimum	-	2.60	Minimum	-
D_54_A	Bedroom 2	1.90	Minimum	-	3.90	Medium	Compliant
D_54_B	LKD	5.00	High	Compliant	5.60	High	Compliant
D_54_B	Bedroom 1	4.20	High	-	4.20	High	-
D_54_B	Bedroom 2	3.70	Medium	-	3.70	Medium	-
D_54_B	Bedroom 3	3.50	Medium	-	3.60	Medium	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.22SE Results: Duplexes Group O

Table No. H.3.22 - Sunlight Exposure Results: Duplexes Group O							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
D_55_A	LKD	8.30	High	Compliant	8.90	High	Compliant
D_55_A	Bedroom 1	4.00	High	-	4.00	High	-
D_55_A	Bedroom 2	6.20	High	-	7.90	High	-
D_55_B	LKD	8.50	High	Compliant	8.50	High	-
D_55_B	Bedroom 1	6.60	High	-	8.20	High	-
D_55_B	Bedroom 2	4.30	High	-	8.60	High	Compliant
D_55_B	Bedroom 3	4.00	High	-	4.00	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.23SE Results: Triplexes Group 1A

Table No. H.3.23 - Sunlight Exposure Results: Triplexes Group 1A							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
T_01_A	LKD	6.80	High	Compliant	6.80	High	Compliant
T_01_A	Bedroom 1	0.70	Below Minimum	-	1.40	Below Minimum	-
T_01_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_01_B	LKD	7.80	High	Compliant	7.80	High	Compliant
T_01_B	Bedroom 1	1.50	Minimum	-	1.50	Minimum	-
T_01_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_01_C	LKD	8.30	High	Compliant	8.30	High	Compliant
T_01_C	Bedroom 1	1.50	Minimum	-	1.50	Minimum	-
T_01_C	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_01_C	Bedroom 3	6.90	High	-	6.90	High	-
T_02_A	LKD	7.00	High	Compliant	7.60	High	Compliant
T_02_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_02_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_02_B	LKD	8.30	High	Compliant	8.30	High	Compliant
T_02_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_02_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_02_C	LKD	8.30	High	Compliant	8.30	High	Compliant
T_02_C	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_02_C	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_02_C	Bedroom 3	5.10	High	-	5.10	High	-
T_03_A	LKD	7.50	High	Compliant	7.60	High	Compliant
T_03_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_03_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_03_B	LKD	8.00	High	Compliant	8.00	High	Compliant
T_03_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_03_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_03_C	LKD	8.30	High	Compliant	8.30	High	Compliant
T_03_C	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_03_C	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_03_C	Bedroom 3	6.90	High	-	6.90	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.24 SE Results: Triplexes Group 1B

Table No. H.3.24 - Sunlight Exposure Results: Triplexes Group 1B

Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
T_04_A	LKD	7.20	High	Compliant	7.60	High	Compliant
T_04_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_04_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_04_B	LKD	8.30	High	Compliant	8.30	High	Compliant
T_04_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_04_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_04_C	LKD	8.30	High	Compliant	8.30	High	Compliant
T_04_C	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_04_C	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_04_C	Bedroom 3	6.90	High	-	6.90	High	-
T_05_A	LKD	6.40	High	Compliant	7.10	High	Compliant
T_05_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_05_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_05_B	LKD	8.00	High	Compliant	8.00	High	Compliant
T_05_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_05_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_05_C	LKD	8.30	High	Compliant	8.30	High	Compliant
T_05_C	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_05_C	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_05_C	Bedroom 3	6.90	High	-	6.90	High	-
T_06_A	LKD	6.30	High	Compliant	7.10	High	Compliant
T_06_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_06_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_06_B	LKD	8.30	High	Compliant	8.30	High	Compliant
T_06_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_06_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_06_C	LKD	8.30	High	Compliant	8.30	High	Compliant
T_06_C	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_06_C	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_06_C	Bedroom 3	6.90	High	-	6.90	High	-
T_07_A	LKD	7.00	High	Compliant	7.20	High	Compliant
T_07_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_07_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_07_B	LKD	8.00	High	Compliant	8.00	High	Compliant
T_07_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_07_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_07_C	LKD	8.30	High	-	8.30	High	-
T_07_C	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_07_C	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_07_C	Bedroom 3	9.40	High	Compliant	9.40	High	Compliant

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.3.25SE Results: Triplexes Group 2

Table No. H.3.25 - Sunlight Exposure Results: Triplexes Group 2							
Unit Number	Room Description	Deciduous Trees as Opaque Objects*			Without Deciduous Trees*		
		SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**	SE Hours on March 21st	Level of SE on March 21st***	Unit compliance based on highest performing room**
T_08_A	LKD	8.80	High	Compliant	9.20	High	Compliant
T_08_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_08_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_08_B	LKD	8.40	High	Compliant	9.40	High	Compliant
T_08_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_08_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_08_C	LKD	8.70	High	Compliant	9.40	High	Compliant
T_08_C	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_08_C	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_08_C	Bedroom 3	8.20	High	-	9.10	High	-
T_09_A	LKD	7.90	High	Compliant	9.10	High	Compliant
T_09_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_09_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_09_B	LKD	8.20	High	Compliant	9.30	High	Compliant
T_09_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_09_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_09_C	LKD	9.30	High	Compliant	9.40	High	Compliant
T_09_C	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_09_C	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_09_C	Bedroom 3	7.20	High	-	7.90	High	-
T_10_A	LKD	6.50	High	Compliant	9.20	High	Compliant
T_10_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_10_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_10_B	LKD	7.90	High	Compliant	9.40	High	Compliant
T_10_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_10_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_10_C	LKD	9.40	High	Compliant	9.40	High	Compliant
T_10_C	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_10_C	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_10_C	Bedroom 3	7.90	High	-	7.90	High	-
T_11_A	LKD	6.30	High	Compliant	9.10	High	Compliant
T_11_A	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_11_A	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_11_B	LKD	7.70	High	Compliant	9.30	High	Compliant
T_11_B	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_11_B	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_11_C	LKD	9.40	High	Compliant	9.40	High	Compliant
T_11_C	Bedroom 1	0.00	Below Minimum	-	0.00	Below Minimum	-
T_11_C	Bedroom 2	0.00	Below Minimum	-	0.00	Below Minimum	-
T_11_C	Bedroom 3	8.20	High	-	8.20	High	-

* Rooms are tested with deciduous trees as opaque objects and without deciduous trees to account for the range of possible sunlight hours.
** The BRE Guidelines recommend that for a unit to be compliant any room within the unit should receive a minimum of 1.5 hours of direct sunlight on March 21st, preferably a main living room. The SE circa compliance rates can be found in section 5.2.2 on page 21.
*** For the interpretation of levels of Sunlight Exposure please refer to “3.3 Definition of Levels of Sunlight Exposure” on page 12.
For floor plans of the assessed units please refer to section H.1 on page 34.

H.4 Sun On Ground (SOG) in Proposed Outdoor Amenity Areas

Below is an example of the table used to describe SOG in proposed gardens and amenity spaces.

	Table Example. H.4 - Scheme Performance SOG				
Assigned Area Number	Assessed Area	Area Capable of Receiving 2 Hours of Sunlight on March 21st	Recommended Minimum	Level of Compliance with BRE Guidelines	Meets BR 209 Criteria
A	**B**	**C**	**D**	**E**	**F**

A: Assigned Area Number

This column indicates the number that 3DDB have assigned to the assessed areas, which is included for the sole purpose of aiding in the identification of the corresponding space shown in the corresponding figure.

B: Assessed Area

This column identifies the assessed garden/amenity area.

C: Area Capable of Receiving 2 Hours of Sunlight on March 21st

The percentage of the proposed area that can receive more than 2 hours of sunlight on March 21st.

D: Recommended Minimum

The BRE Guidelines state that the percentage of a garden/amenity area that can receive more than 2 hours of sunlight on March 21st should be 50%. The target value for all spaces is set to 50%.

E: Level of Compliance with BRE Guidelines

This column states the compliance of the assessed space with the *BRE Target Value*. If the assessed garden or amenity area complies with the BRE Guidelines this cell will state "*BRE Compliant*". If the garden or amenity area does not meet the criteria as set out in the BRE Guidelines, a percentage of compliance with the *recommended minimum* will be stated.

F: Meets BR 209 Criteria

This column states if the assessed area achieves the recommended level of sunlight on March 21st as per BR 209.

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

H.4.1 Sun On Ground in Proposed Outdoor Amenity Areas

Table No. H.4.1 - SOG in Proposed Outdoor Amenity Areas Results:					
Assigned Area Number	Assessed Area	Area Capable of Receiving 2 Hours of Sunlight on March 21st	Recommended minimum	Level of Compliance with BRE Guidelines*	Meets BR 209 Criteria*
1	POS 1	100.00%	50.00%	BRE Compliant	Yes
2	POS 2	99.93%	50.00%	BRE Compliant	Yes
3	Temp. POS	99.89%	50.00%	BRE Compliant	Yes
* The BRE Guidelines recommend that for a garden or amenity to appear adequately sunlit throughout the year, at least half of a garden or amenity area should receive at least two hours of sunlight on March 21st.					

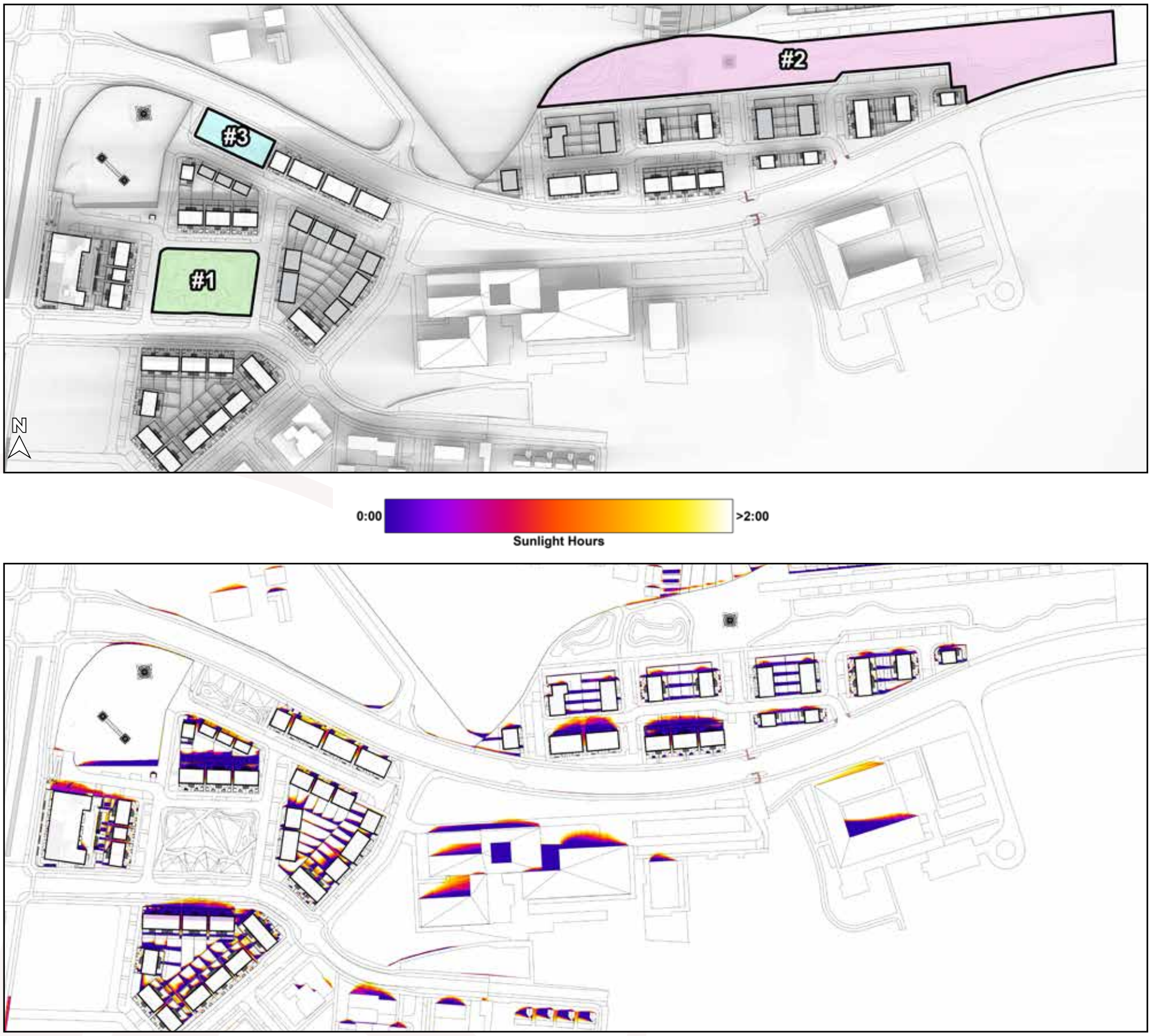


Figure H.84: Indication of the amenity areas that have been analysed (L), Area capable of receiving 2 hours of sunlight on March 21st shown in white (R)

I.0 Supplementary Study Results

I.1 SDA study, under the I.S. EN 17037 criteria

Below is an example of the table used to describe the supplementary study results for proposed units in the assessment of SDA under the I.S. EN 17037 criteria.

Table Example. I.1 - Supplementary SDA Results (I.S. EN 17037 criteria)						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria
		Area above 300 Lux	Area above 100 Lux	Area above 300 Lux	Area above 100 Lux	
A	**B**	**C**	**D**	**E**	**F**	**G**

A: Unit Number

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

B: Room Description

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

C: % of area above 300 Lux (No Trees)

I.S. EN 17037 recommends at least 50% of the working plane receives above 300 lux for at least half the daylight hours.

This column states percentage of the working plane of the assessed room that is capable of receiving more than 300 lux for at least half the daylight hours when the assessment is carried out without trees in the analytical model.

D: % of area above 100 Lux (No Trees)

I.S. EN 17037 recommends at least 95% of the working plane receives above 100 lux for at least half the daylight hours.

This column states percentage of the working plane of the assessed room that is capable of receiving more than 100 lux for at least half the daylight hours when the assessment is carried out without trees in the analytical model.

E: % of area above 300 Lux (Winter Trees)

I.S. EN 17037 recommends at least 50% of the working plane receives above 300 lux for at least half the daylight hours.

This column states percentage of the working plane of the assessed room that is capable of receiving more than 300 lux for at least half the daylight hours with the foliage of deciduous trees varied to account for summer and winter conditions, i.e. full leaf and bare branch.

F: % of area above 100 Lux (Winter Trees)

I.S. EN 17037 recommends at least 95% of the working plane receives above 100 lux for at least half the daylight hours.

This column states percentage of the working plane of the assessed room that is capable of receiving more than 100 lux for at least half the daylight hours with the foliage of deciduous trees varied to account for summer and winter conditions.

G: Compliance with I.S. EN 17037 Criteria

This column states if the assessed room achieves the recommended level of daylight as per I.S. EN 17037 with consideration to the various tree states.

If the recommended lux levels are achieved on the working plane, for half the daylight hours, both with and without trees, this column will state: *'Compliant'*.

If the recommended lux levels are not achieved on the working plane, for half the daylight hours, both with and without trees, this column will state: *'Non-compliant'*.

If the recommended lux levels are achieved on the working plane, for half the daylight hours, without trees but are not achieved with trees, this column will state: *'Trees affecting compliance'*.

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

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

I.1.1 Supplementary SDA Results (I.S. EN 17037 criteria): Apartment Block - First Floor

Table No. I.1.1 - Supplementary SDA Results (I.S. EN 17037 criteria): Apartment Block						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
APT_01_01	LKD	100%	100%	100%	100%	Compliant
APT_01_01	Bedroom 1	66%	100%	66%	100%	Compliant
APT_01_01	Bedroom 2	100%	100%	100%	100%	Compliant
APT_01_02	LKD	53%	100%	53%	100%	Compliant
APT_01_02	Bedroom 1	60%	100%	60%	100%	Compliant
APT_01_03	LKD	50%	100%	50%	100%	Compliant
APT_01_03	Bedroom 1	83%	100%	83%	100%	Compliant
APT_01_04	LKD	52%	100%	52%	100%	Compliant
APT_01_04	Bedroom 1	71%	100%	71%	100%	Compliant
APT_01_05	LKD	100%	100%	100%	100%	Compliant
APT_01_05	Bedroom 1	64%	100%	64%	100%	Compliant
APT_01_05	Bedroom 2	98%	100%	92%	100%	Compliant
APT_01_06	LKD	100%	100%	99%	100%	Compliant
APT_01_06	Bedroom 1	53%	100%	36%	100%	Trees affecting compliance
APT_01_06	Bedroom 2	18%	100%	9%	100%	Non-compliant
APT_01_07	LKD	36%	99%	35%	99%	Non-compliant
APT_01_07	Bedroom 1	42%	100%	40%	100%	Non-compliant
APT_01_08	LKD	37%	98%	35%	96%	Non-compliant
APT_01_08	Bedroom 1	60%	100%	60%	100%	Compliant
APT_01_09	LKD	27%	78%	27%	76%	Non-compliant
APT_01_09	Bedroom 1	23%	100%	22%	100%	Non-compliant
APT_01_10	LKD	100%	100%	96%	100%	Compliant
APT_01_10	Bedroom 1	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.2 Supplementary SDA Results (I.S. EN 17037 criteria): Apartment Block - Second Floor

Table No. I.1.2 - Supplementary SDA Results (I.S. EN 17037 criteria): Apartment Block

Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
APT_02_01	LKD	100%	100%	100%	100%	Compliant
APT_02_01	Bedroom 1	89%	100%	88%	100%	Compliant
APT_02_01	Bedroom 2	100%	100%	100%	100%	Compliant
APT_02_02	LKD	51%	100%	50%	100%	Compliant
APT_02_02	Bedroom 1	5%	100%	5%	100%	Non-compliant
APT_02_03	LKD	47%	100%	47%	100%	Non-compliant
APT_02_03	Bedroom 1	100%	100%	100%	100%	Compliant
APT_02_04	LKD	49%	100%	49%	100%	Non-compliant
APT_02_04	Bedroom 1	2%	100%	2%	100%	Non-compliant
APT_02_05	LKD	100%	100%	100%	100%	Compliant
APT_02_05	Bedroom 1	82%	100%	82%	100%	Compliant
APT_02_05	Bedroom 2	53%	100%	49%	100%	Trees affecting compliance
APT_02_06	LKD	100%	100%	100%	100%	Compliant
APT_02_06	Bedroom 1	71%	100%	64%	100%	Compliant
APT_02_06	Bedroom 2	100%	100%	100%	100%	Compliant
APT_02_07	LKD	36%	100%	36%	100%	Non-compliant
APT_02_07	Bedroom 1	67%	100%	65%	100%	Compliant
APT_02_08	LKD	44%	100%	44%	100%	Non-compliant
APT_02_08	Bedroom 1	67%	100%	63%	100%	Compliant
APT_02_09	LKD	33%	94%	33%	93%	Non-compliant
APT_02_09	Bedroom 1	38%	100%	37%	100%	Non-compliant
APT_02_10	LKD	97%	100%	92%	100%	Compliant
APT_02_10	Bedroom 1	100%	100%	100%	100%	Compliant
APT_02_10	Bedroom 2	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.3 Supplementary SDA Results (I.S. EN 17037 criteria): Apartment Block - Third Floor

Table No. I.1.3 - Supplementary SDA Results (I.S. EN 17037 criteria): Apartment Block

Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
APT_03_01	LKD	100%	100%	100%	100%	Compliant
APT_03_01	Bedroom 1	63%	100%	63%	100%	Compliant
APT_03_01	Bedroom 2	100%	100%	100%	100%	Compliant
APT_03_02	LKD	56%	100%	56%	100%	Compliant
APT_03_02	Bedroom 1	80%	100%	80%	100%	Compliant
APT_03_03	LKD	51%	100%	51%	100%	Compliant
APT_03_03	Bedroom 1	10%	100%	10%	100%	Non-compliant
APT_03_04	LKD	52%	100%	52%	100%	Compliant
APT_03_04	Bedroom 1	98%	100%	98%	100%	Compliant
APT_03_05	LKD	100%	100%	100%	100%	Compliant
APT_03_05	Bedroom 1	55%	100%	55%	100%	Compliant
APT_03_05	Bedroom 2	100%	100%	100%	100%	Compliant
APT_03_06	LKD	100%	100%	100%	100%	Compliant
APT_03_06	Bedroom 1	63%	100%	59%	100%	Compliant
APT_03_06	Bedroom 2	25%	100%	21%	100%	Non-compliant
APT_03_07	LKD	58%	100%	58%	100%	Compliant
APT_03_07	Bedroom 1	65%	100%	65%	100%	Compliant
APT_03_08	LKD	35%	100%	35%	100%	Non-compliant
APT_03_08	Bedroom 1	100%	100%	100%	100%	Compliant
APT_03_09	LKD	43%	100%	42%	100%	Non-compliant
APT_03_09	Bedroom 1	60%	100%	60%	100%	Compliant
APT_03_10	LKD	100%	100%	100%	100%	Compliant
APT_03_10	Bedroom 1	100%	100%	93%	100%	Compliant
APT_03_10	Bedroom 2	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.4 Supplementary SDA Results (I.S. EN 17037 criteria): Apartment Block - Fourth Floor

Table No. I.1.4 - Supplementary SDA Results (I.S. EN 17037 criteria): Apartment Block						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
APT_04_01	LKD	100%	100%	100%	100%	Compliant
APT_04_01	Bedroom 1	99%	100%	99%	100%	Compliant
APT_04_01	Bedroom 2	100%	100%	100%	100%	Compliant
APT_04_02	LKD	58%	100%	57%	100%	Compliant
APT_04_02	Bedroom 1	12%	100%	12%	100%	Non-compliant
APT_04_03	LKD	55%	100%	54%	100%	Compliant
APT_04_03	Bedroom 1	100%	100%	100%	100%	Compliant
APT_04_04	LKD	54%	100%	54%	100%	Compliant
APT_04_04	Bedroom 1	9%	100%	9%	100%	Non-compliant
APT_04_05	LKD	100%	100%	100%	100%	Compliant
APT_04_05	Bedroom 1	93%	100%	93%	100%	Compliant
APT_04_05	Bedroom 2	100%	100%	100%	100%	Compliant
APT_04_06	LKD	100%	100%	100%	100%	Compliant
APT_04_06	Bedroom 1	98%	100%	94%	100%	Compliant
APT_04_06	Bedroom 2	100%	100%	100%	100%	Compliant
APT_04_07	LKD	57%	100%	55%	100%	Compliant
APT_04_07	Bedroom 1	100%	100%	100%	100%	Compliant
APT_04_08	LKD	64%	100%	63%	100%	Compliant
APT_04_08	Bedroom 1	100%	100%	100%	100%	Compliant
APT_04_09	LKD	49%	100%	49%	100%	Non-compliant
APT_04_09	Bedroom 1	73%	100%	73%	100%	Compliant
APT_04_10	LKD	100%	100%	100%	100%	Compliant
APT_04_10	Bedroom 1	100%	100%	100%	100%	Compliant
APT_04_10	Bedroom 2	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.5 Supplementary SDA Results (I.S. EN 17037 criteria): Apartment Block - Fifth Floor

Table No. I.1.5 - Supplementary SDA Results (I.S. EN 17037 criteria): Apartment Block						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
APT_05_01	LKD	100%	100%	100%	100%	Compliant
APT_05_01	Bedroom 1	69%	100%	69%	100%	Compliant
APT_05_01	Bedroom 2	100%	100%	100%	100%	Compliant
APT_05_02	LKD	62%	100%	62%	100%	Compliant
APT_05_02	Bedroom 1	83%	100%	83%	100%	Compliant
APT_05_03	LKD	54%	100%	54%	100%	Compliant
APT_05_03	Bedroom 1	19%	100%	19%	100%	Non-compliant
APT_05_04	LKD	57%	100%	57%	100%	Compliant
APT_05_04	Bedroom 1	100%	100%	100%	100%	Compliant
APT_05_05	LKD	100%	100%	100%	100%	Compliant
APT_05_05	Bedroom 1	64%	100%	64%	100%	Compliant
APT_05_05	Bedroom 2	71%	100%	69%	100%	Compliant
APT_05_06	LKD	100%	100%	100%	100%	Compliant
APT_05_06	Bedroom 1	100%	100%	99%	100%	Compliant
APT_05_06	Bedroom 2	46%	100%	45%	100%	Non-compliant
APT_05_07	LKD	83%	100%	82%	100%	Compliant
APT_05_07	Bedroom 1	80%	100%	80%	100%	Compliant
APT_05_08	LKD	46%	100%	46%	100%	Non-compliant
APT_05_08	Bedroom 1	100%	100%	100%	100%	Compliant
APT_05_09	LKD	56%	100%	56%	100%	Compliant
APT_05_09	Bedroom 1	77%	100%	75%	100%	Compliant
APT_05_10	LKD	100%	100%	100%	100%	Compliant
APT_05_10	Bedroom 1	100%	100%	100%	100%	Compliant
APT_05_10	Bedroom 2	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.6 Supplementary SDA Results (I.S. EN 17037 criteria): Apartment Block - Sixth Floor

Table No. I.1.6 - Supplementary SDA Results (I.S. EN 17037 criteria): Apartment Block						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
APT_06_01	LKD	100%	100%	100%	100%	Compliant
APT_06_01	Bedroom 1	100%	100%	100%	100%	Compliant
APT_06_01	Bedroom 2	100%	100%	100%	100%	Compliant
APT_06_02	LKD	80%	100%	80%	100%	Compliant
APT_06_02	Bedroom 1	45%	100%	45%	100%	Non-compliant
APT_06_03	LKD	93%	100%	93%	100%	Compliant
APT_06_03	Bedroom 1	100%	100%	100%	100%	Compliant
APT_06_04	LKD	94%	100%	94%	100%	Compliant
APT_06_04	Bedroom 1	39%	100%	39%	100%	Non-compliant
APT_06_05	LKD	100%	100%	100%	100%	Compliant
APT_06_05	Bedroom 1	100%	100%	100%	100%	Compliant
APT_06_05	Bedroom 2	100%	100%	100%	100%	Compliant
APT_06_06	LKD	100%	100%	100%	100%	Compliant
APT_06_06	Bedroom 1	100%	100%	100%	100%	Compliant
APT_06_07	LKD	100%	100%	100%	100%	Compliant
APT_06_07	Bedroom 1	100%	100%	100%	100%	Compliant
APT_06_08	LKD	93%	100%	92%	100%	Compliant
APT_06_08	Bedroom 1	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.7 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group A

Table No. I.1.7 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group A						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_01_A	LKD	100%	100%	100%	100%	Compliant
D_01_A	Bedroom 1	15%	65%	11%	57%	Non-compliant
D_01_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_01_B	LKD	100%	100%	100%	100%	Compliant
D_01_B	Bedroom 1	96%	100%	93%	100%	Compliant
D_01_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_01_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_02_A	LKD	58%	100%	48%	100%	Trees affecting compliance
D_02_A	Bedroom 1	10%	80%	9%	73%	Non-compliant
D_02_A	Bedroom 2	0%	63%	0%	56%	Non-compliant
D_02_B	LKD	46%	100%	42%	100%	Non-compliant
D_02_B	Bedroom 1	23%	97%	23%	96%	Non-compliant
D_02_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_02_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_03_A	LKD	61%	100%	47%	100%	Trees affecting compliance
D_03_A	Bedroom 1	10%	91%	10%	89%	Non-compliant
D_03_A	Bedroom 2	0%	60%	0%	58%	Non-compliant
D_03_B	LKD	49%	100%	44%	100%	Non-compliant
D_03_B	Bedroom 1	21%	99%	21%	97%	Non-compliant
D_03_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_03_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_04_A	LKD	56%	100%	45%	98%	Trees affecting compliance
D_04_A	Bedroom 1	9%	77%	9%	77%	Non-compliant
D_04_A	Bedroom 2	0%	67%	0%	65%	Non-compliant
D_04_B	LKD	58%	100%	52%	100%	Compliant
D_04_B	Bedroom 1	22%	99%	22%	97%	Non-compliant
D_04_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_04_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_05_A	LKD	83%	100%	51%	100%	Compliant
D_05_A	Bedroom 1	7%	50%	7%	48%	Non-compliant
D_05_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_05_B	LKD	98%	100%	95%	100%	Compliant
D_05_B	Bedroom 1	89%	100%	85%	100%	Compliant
D_05_B	Bedroom 2	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.8 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group B

Table No. I.1.8 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group B						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_05_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_06_A	LKD	100%	100%	100%	100%	Compliant
D_06_A	Bedroom 1	91%	100%	83%	100%	Compliant
D_06_A	Bedroom 2	100%	100%	98%	100%	Compliant
D_06_B	LKD	100%	100%	100%	100%	Compliant
D_06_B	Bedroom 1	99%	100%	99%	100%	Compliant
D_06_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_06_B	Bedroom 3	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.9 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group C

Table No. I.1.9 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group C						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_07_A	LKD	100%	100%	72%	100%	Compliant
D_07_A	Bedroom 1	44%	100%	41%	93%	Non-compliant
D_07_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_07_B	LKD	100%	100%	100%	100%	Compliant
D_07_B	Bedroom 1	92%	100%	92%	100%	Compliant
D_07_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_07_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_08_A	LKD	86%	100%	82%	100%	Compliant
D_08_A	Bedroom 1	50%	100%	50%	100%	Compliant
D_08_A	Bedroom 2	67%	100%	63%	100%	Compliant
D_08_B	LKD	100%	100%	100%	100%	Compliant
D_08_B	Bedroom 1	77%	100%	76%	100%	Compliant
D_08_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_08_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_09_A	LKD	85%	100%	78%	100%	Compliant
D_09_A	Bedroom 1	50%	100%	49%	100%	Trees affecting compliance
D_09_A	Bedroom 2	60%	100%	58%	100%	Compliant
D_09_B	LKD	100%	100%	100%	100%	Compliant
D_09_B	Bedroom 1	71%	100%	70%	100%	Compliant
D_09_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_09_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_10_A	LKD	86%	100%	82%	100%	Compliant
D_10_A	Bedroom 1	44%	100%	43%	100%	Non-compliant
D_10_A	Bedroom 2	63%	100%	63%	100%	Compliant
D_10_B	LKD	100%	100%	100%	100%	Compliant
D_10_B	Bedroom 1	77%	100%	76%	100%	Compliant
D_10_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_10_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_11_A	LKD	85%	100%	80%	100%	Compliant
D_11_A	Bedroom 1	39%	100%	39%	100%	Non-compliant
D_11_A	Bedroom 2	44%	100%	44%	100%	Non-compliant
D_11_B	LKD	100%	100%	100%	100%	Compliant
D_11_B	Bedroom 1	70%	100%	70%	100%	Compliant
D_11_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_11_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_12_A	LKD	95%	100%	83%	100%	Compliant
D_12_A	Bedroom 1	33%	89%	31%	83%	Non-compliant
D_12_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_12_B	LKD	100%	100%	100%	100%	Compliant
D_12_B	Bedroom 1	92%	100%	92%	100%	Compliant
D_12_B	Bedroom 2	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.10 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group D

Table No. I.1.10 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group D						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_12_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_13_A	LKD	72%	100%	67%	100%	Compliant
D_13_A	Bedroom 1	50%	100%	50%	100%	Compliant
D_13_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_13_B	LKD	100%	100%	100%	100%	Compliant
D_13_B	Bedroom 1	93%	100%	93%	100%	Compliant
D_13_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_13_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_14_A	LKD	53%	98%	47%	94%	Trees affecting compliance
D_14_A	Bedroom 1	36%	100%	36%	100%	Non-compliant
D_14_A	Bedroom 2	67%	100%	65%	100%	Compliant
D_14_B	LKD	97%	100%	94%	100%	Compliant
D_14_B	Bedroom 1	90%	100%	90%	100%	Compliant
D_14_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_14_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_15_A	LKD	100%	100%	100%	100%	Compliant
D_15_A	Bedroom 1	14%	70%	11%	69%	Non-compliant
D_15_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_15_B	LKD	100%	100%	100%	100%	Compliant
D_15_B	Bedroom 1	90%	100%	90%	100%	Compliant
D_15_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_15_B	Bedroom 3	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.11 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group E

Table No. I.1.11 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group E						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_16_A	LKD	52%	100%	42%	100%	Trees affecting compliance
D_16_A	Bedroom 1	57%	100%	57%	100%	Compliant
D_16_A	Bedroom 2	96%	100%	90%	100%	Compliant
D_16_B	LKD	99%	100%	96%	100%	Compliant
D_16_B	Bedroom 1	92%	100%	92%	100%	Compliant
D_16_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_16_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_17_A	LKD	40%	90%	37%	88%	Non-compliant
D_17_A	Bedroom 1	43%	100%	43%	100%	Non-compliant
D_17_A	Bedroom 2	73%	100%	73%	100%	Compliant
D_17_B	LKD	92%	100%	85%	100%	Compliant
D_17_B	Bedroom 1	95%	100%	95%	100%	Compliant
D_17_B	Bedroom 2	98%	100%	95%	100%	Compliant
D_17_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_18_A	LKD	100%	100%	94%	100%	Compliant
D_18_A	Bedroom 1	36%	95%	34%	94%	Non-compliant
D_18_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_18_B	LKD	100%	100%	100%	100%	Compliant
D_18_B	Bedroom 1	93%	100%	93%	100%	Compliant
D_18_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_18_B	Bedroom 3	100%	100%	96%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.12 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group F

Table No. I.1.12 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group F						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_19_A	LKD	50%	100%	50%	100%	Compliant
D_19_A	Bedroom 1	33%	86%	33%	86%	Non-compliant
D_19_A	Bedroom 2	71%	100%	64%	100%	Compliant
D_19_B	LKD	95%	100%	95%	100%	Compliant
D_19_B	Bedroom 1	85%	100%	85%	100%	Compliant
D_19_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_19_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_20_A	LKD	34%	100%	34%	100%	Non-compliant
D_20_A	Bedroom 1	38%	95%	38%	95%	Non-compliant
D_20_A	Bedroom 2	96%	100%	89%	100%	Compliant
D_20_B	LKD	100%	100%	100%	100%	Compliant
D_20_B	Bedroom 1	92%	100%	92%	100%	Compliant
D_20_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_20_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_21_A	LKD	38%	100%	38%	100%	Non-compliant
D_21_A	Bedroom 1	41%	98%	41%	98%	Non-compliant
D_21_A	Bedroom 2	93%	100%	89%	100%	Compliant
D_21_B	LKD	100%	100%	100%	100%	Compliant
D_21_B	Bedroom 1	87%	100%	87%	100%	Compliant
D_21_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_21_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_22_A	LKD	34%	100%	34%	100%	Non-compliant
D_22_A	Bedroom 1	41%	99%	41%	99%	Non-compliant
D_22_A	Bedroom 2	81%	100%	77%	100%	Compliant
D_22_B	LKD	100%	100%	100%	100%	Compliant
D_22_B	Bedroom 1	89%	100%	89%	100%	Compliant
D_22_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_22_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_23_A	LKD	35%	99%	35%	99%	Non-compliant
D_23_A	Bedroom 1	35%	88%	35%	88%	Non-compliant
D_23_A	Bedroom 2	79%	100%	64%	100%	Compliant
D_23_B	LKD	100%	100%	100%	100%	Compliant
D_23_B	Bedroom 1	85%	100%	85%	100%	Compliant
D_23_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_23_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_24_A	LKD	43%	100%	43%	100%	Non-compliant
D_24_A	Bedroom 1	35%	90%	35%	90%	Non-compliant
D_24_A	Bedroom 2	70%	100%	54%	100%	Compliant
D_24_B	LKD	98%	100%	94%	100%	Compliant
D_24_B	Bedroom 1	84%	100%	84%	100%	Compliant
D_24_B	Bedroom 2	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.13 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group G

Table No. I.1.13 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group G						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_24_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_25_A	LKD	98%	100%	96%	100%	Compliant
D_25_A	Bedroom 1	78%	100%	72%	100%	Compliant
D_25_A	Bedroom 2	16%	64%	14%	64%	Non-compliant
D_25_B	LKD	97%	98%	96%	98%	Compliant
D_25_B	Bedroom 1	100%	100%	100%	100%	Compliant
D_25_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_25_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_26_A	LKD	70%	100%	60%	100%	Compliant
D_26_A	Bedroom 1	50%	100%	50%	100%	Compliant
D_26_A	Bedroom 2	18%	99%	18%	99%	Non-compliant
D_26_B	LKD	100%	100%	100%	100%	Compliant
D_26_B	Bedroom 1	84%	100%	84%	100%	Compliant
D_26_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_26_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_27_A	LKD	71%	100%	60%	100%	Compliant
D_27_A	Bedroom 1	83%	100%	83%	100%	Compliant
D_27_A	Bedroom 2	69%	100%	69%	100%	Compliant
D_27_B	LKD	100%	100%	100%	100%	Compliant
D_27_B	Bedroom 1	89%	100%	89%	100%	Compliant
D_27_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_27_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_28_A	LKD	97%	100%	91%	100%	Compliant
D_28_A	Bedroom 1	70%	100%	67%	100%	Compliant
D_28_A	Bedroom 2	37%	89%	37%	89%	Non-compliant
D_28_B	LKD	94%	98%	93%	98%	Compliant
D_28_B	Bedroom 1	94%	99%	94%	99%	Compliant
D_28_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_28_B	Bedroom 3	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.14 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group H

Table No. I.1.14 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group H						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_29_A	LKD	95%	100%	92%	100%	Compliant
D_29_A	Bedroom 1	81%	100%	81%	100%	Compliant
D_29_A	Bedroom 2	100%	100%	98%	100%	Compliant
D_29_B	LKD	100%	100%	100%	100%	Compliant
D_29_B	Bedroom 1	93%	100%	93%	100%	Compliant
D_29_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_29_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_30_A	LKD	100%	100%	100%	100%	Compliant
D_30_A	Bedroom 1	78%	100%	78%	100%	Compliant
D_30_A	Bedroom 2	100%	100%	88%	100%	Compliant
D_30_B	LKD	100%	100%	100%	100%	Compliant
D_30_B	Bedroom 1	92%	100%	92%	100%	Compliant
D_30_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_30_B	Bedroom 3	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.15 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group I1

Table No. I.1.15 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group I1						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_31_A	LKD	100%	100%	100%	100%	Compliant
D_31_A	Bedroom 1	61%	100%	55%	100%	Compliant
D_31_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_31_B	LKD	100%	100%	100%	100%	Compliant
D_31_B	Bedroom 1	96%	100%	96%	100%	Compliant
D_31_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_31_B	Bedroom 3	100%	100%	96%	100%	Compliant
D_32_A	LKD	42%	100%	40%	100%	Non-compliant
D_32_A	Bedroom 1	83%	100%	81%	100%	Compliant
D_32_A	Bedroom 2	94%	100%	73%	100%	Compliant
D_32_B	LKD	91%	100%	85%	100%	Compliant
D_32_B	Bedroom 1	96%	100%	96%	100%	Compliant
D_32_B	Bedroom 2	67%	100%	54%	100%	Compliant
D_32_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_33_A	LKD	55%	100%	55%	100%	Compliant
D_33_A	Bedroom 1	85%	100%	85%	100%	Compliant
D_33_A	Bedroom 2	94%	100%	75%	100%	Compliant
D_33_B	LKD	100%	100%	100%	100%	Compliant
D_33_B	Bedroom 1	96%	100%	96%	100%	Compliant
D_33_B	Bedroom 2	67%	100%	58%	100%	Compliant
D_33_B	Bedroom 3	100%	100%	96%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.16 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group I2

Table No. I.1.16 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group I2						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_34_A	LKD	56%	100%	56%	100%	Compliant
D_34_A	Bedroom 1	91%	100%	91%	100%	Compliant
D_34_A	Bedroom 2	92%	100%	65%	100%	Compliant
D_34_B	LKD	100%	100%	97%	100%	Compliant
D_34_B	Bedroom 1	96%	100%	96%	100%	Compliant
D_34_B	Bedroom 2	47%	100%	44%	100%	Non-compliant
D_34_B	Bedroom 3	96%	100%	88%	100%	Compliant
D_35_A	LKD	54%	100%	54%	100%	Compliant
D_35_A	Bedroom 1	93%	100%	93%	100%	Compliant
D_35_A	Bedroom 2	88%	100%	71%	100%	Compliant
D_35_B	LKD	99%	100%	95%	100%	Compliant
D_35_B	Bedroom 1	96%	100%	96%	100%	Compliant
D_35_B	Bedroom 2	54%	100%	44%	100%	Trees affecting compliance
D_35_B	Bedroom 3	96%	100%	92%	100%	Compliant
D_36_A	LKD	46%	100%	46%	100%	Non-compliant
D_36_A	Bedroom 1	72%	100%	72%	100%	Compliant
D_36_A	Bedroom 2	92%	100%	73%	100%	Compliant
D_36_B	LKD	100%	100%	97%	100%	Compliant
D_36_B	Bedroom 1	96%	100%	96%	100%	Compliant
D_36_B	Bedroom 2	49%	100%	46%	100%	Non-compliant
D_36_B	Bedroom 3	96%	100%	92%	100%	Compliant
D_37_A	LKD	62%	100%	59%	100%	Compliant
D_37_A	Bedroom 1	69%	100%	69%	100%	Compliant
D_37_A	Bedroom 2	88%	100%	58%	100%	Compliant
D_37_B	LKD	90%	100%	76%	100%	Compliant
D_37_B	Bedroom 1	96%	100%	96%	100%	Compliant
D_37_B	Bedroom 2	54%	100%	44%	100%	Trees affecting compliance
D_37_B	Bedroom 3	96%	100%	92%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.17 Supplementary SDA Results (I.S. EN 17037 criteria): J

Table No. I.1.17 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group J						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_38_A	LKD	100%	100%	100%	100%	Compliant
D_38_A	Bedroom 1	57%	100%	56%	100%	Compliant
D_38_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_38_B	LKD	100%	100%	100%	100%	Compliant
D_38_B	Bedroom 1	93%	100%	93%	100%	Compliant
D_38_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_38_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_39_A	LKD	95%	100%	83%	100%	Compliant
D_39_A	Bedroom 1	61%	100%	56%	100%	Compliant
D_39_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_39_B	LKD	100%	100%	100%	100%	Compliant
D_39_B	Bedroom 1	93%	100%	93%	100%	Compliant
D_39_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_39_B	Bedroom 3	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.18 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group K

Table No. I.1.18 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group K						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_40_A	LKD	100%	100%	97%	100%	Compliant
D_40_A	Bedroom 1	54%	100%	46%	100%	Trees affecting compliance
D_40_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_40_B	LKD	100%	100%	100%	100%	Compliant
D_40_B	Bedroom 1	93%	100%	93%	100%	Compliant
D_40_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_40_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_41_A	LKD	33%	100%	27%	92%	Non-compliant
D_41_A	Bedroom 1	56%	100%	46%	100%	Trees affecting compliance
D_41_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_41_B	LKD	100%	100%	98%	100%	Compliant
D_41_B	Bedroom 1	76%	100%	73%	100%	Compliant
D_41_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_41_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_42_A	LKD	34%	100%	27%	99%	Non-compliant
D_42_A	Bedroom 1	59%	100%	43%	100%	Trees affecting compliance
D_42_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_42_B	LKD	100%	100%	95%	100%	Compliant
D_42_B	Bedroom 1	75%	100%	70%	100%	Compliant
D_42_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_42_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_43_A	LKD	37%	100%	31%	100%	Non-compliant
D_43_A	Bedroom 1	61%	100%	52%	100%	Compliant
D_43_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_43_B	LKD	100%	100%	96%	100%	Compliant
D_43_B	Bedroom 1	77%	100%	76%	100%	Compliant
D_43_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_43_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_44_A	LKD	33%	100%	26%	90%	Non-compliant
D_44_A	Bedroom 1	56%	100%	44%	100%	Trees affecting compliance
D_44_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_44_B	LKD	100%	100%	95%	100%	Compliant
D_44_B	Bedroom 1	68%	100%	68%	100%	Compliant
D_44_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_44_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_45_A	LKD	100%	100%	92%	100%	Compliant
D_45_A	Bedroom 1	56%	100%	44%	100%	Trees affecting compliance
D_45_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_45_B	LKD	100%	100%	100%	100%	Compliant
D_45_B	Bedroom 1	92%	100%	90%	100%	Compliant
D_45_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_45_B	Bedroom 3	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.19 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group L

Table No. I.1.19 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group L						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_46_A	LKD	100%	100%	88%	100%	Compliant
D_46_A	Bedroom 1	69%	100%	67%	100%	Compliant
D_46_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_46_B	LKD	100%	100%	100%	100%	Compliant
D_46_B	Bedroom 1	96%	100%	96%	100%	Compliant
D_46_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_46_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_47_A	LKD	100%	100%	100%	100%	Compliant
D_47_A	Bedroom 1	67%	100%	67%	100%	Compliant
D_47_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_47_B	LKD	100%	100%	100%	100%	Compliant
D_47_B	Bedroom 1	93%	100%	93%	100%	Compliant
D_47_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_47_B	Bedroom 3	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.20 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group M

Table No. I.1.20 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group M						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_48_A	LKD	100%	100%	100%	100%	Compliant
D_48_A	Bedroom 1	89%	100%	80%	100%	Compliant
D_48_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_48_B	LKD	100%	100%	100%	100%	Compliant
D_48_B	Bedroom 1	97%	100%	96%	100%	Compliant
D_48_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_48_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_49_A	LKD	100%	100%	100%	100%	Compliant
D_49_A	Bedroom 1	94%	100%	89%	100%	Compliant
D_49_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_49_B	LKD	100%	100%	100%	100%	Compliant
D_49_B	Bedroom 1	100%	100%	97%	100%	Compliant
D_49_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_49_B	Bedroom 3	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.21 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group N

Table No. I.1.21 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group N						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_50_A	LKD	100%	100%	100%	100%	Compliant
D_50_A	Bedroom 1	41%	91%	34%	88%	Non-compliant
D_50_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_50_B	LKD	100%	100%	100%	100%	Compliant
D_50_B	Bedroom 1	89%	100%	89%	100%	Compliant
D_50_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_50_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_51_A	LKD	49%	100%	43%	100%	Non-compliant
D_51_A	Bedroom 1	57%	100%	50%	100%	Compliant
D_51_A	Bedroom 2	83%	100%	73%	100%	Compliant
D_51_B	LKD	100%	100%	99%	100%	Compliant
D_51_B	Bedroom 1	87%	100%	87%	100%	Compliant
D_51_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_51_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_52_A	LKD	100%	100%	100%	100%	Compliant
D_52_A	Bedroom 1	72%	100%	57%	100%	Compliant
D_52_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_52_B	LKD	100%	100%	100%	100%	Compliant
D_52_B	Bedroom 1	99%	100%	96%	100%	Compliant
D_52_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_52_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_53_A	LKD	100%	100%	100%	100%	Compliant
D_53_A	Bedroom 1	56%	100%	54%	100%	Compliant
D_53_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_53_B	LKD	100%	100%	100%	100%	Compliant
D_53_B	Bedroom 1	100%	100%	96%	100%	Compliant
D_53_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_53_B	Bedroom 3	100%	100%	100%	100%	Compliant
D_54_A	LKD	100%	100%	100%	100%	Compliant
D_54_A	Bedroom 1	50%	100%	46%	100%	Trees affecting compliance
D_54_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_54_B	LKD	100%	100%	100%	100%	Compliant
D_54_B	Bedroom 1	92%	100%	92%	100%	Compliant
D_54_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_54_B	Bedroom 3	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.22 Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group O

Table No. I.1.22 - Supplementary SDA Results (I.S. EN 17037 criteria): Duplexes Group O						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
D_55_A	LKD	100%	100%	100%	100%	Compliant
D_55_A	Bedroom 1	100%	100%	98%	100%	Compliant
D_55_A	Bedroom 2	100%	100%	100%	100%	Compliant
D_55_B	LKD	100%	100%	100%	100%	Compliant
D_55_B	Bedroom 1	97%	100%	97%	100%	Compliant
D_55_B	Bedroom 2	100%	100%	100%	100%	Compliant
D_55_B	Bedroom 3	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.23 Supplementary SDA Results (I.S. EN 17037 criteria): Triplexes Group 1A

Table No. I.1.23 - Supplementary SDA Results (I.S. EN 17037 criteria): Triplexes Group 1A

Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
T_01_A	LKD	88%	100%	84%	100%	Compliant
T_01_A	Bedroom 1	85%	100%	51%	100%	Compliant
T_01_A	Bedroom 2	86%	100%	86%	100%	Compliant
T_01_B	LKD	100%	100%	100%	100%	Compliant
T_01_B	Bedroom 1	100%	100%	100%	100%	Compliant
T_01_B	Bedroom 2	97%	100%	97%	100%	Compliant
T_01_C	LKD	100%	100%	100%	100%	Compliant
T_01_C	Bedroom 1	100%	100%	100%	100%	Compliant
T_01_C	Bedroom 2	100%	100%	100%	100%	Compliant
T_01_C	Bedroom 3	92%	100%	90%	100%	Compliant
T_02_A	LKD	84%	100%	53%	100%	Compliant
T_02_A	Bedroom 1	23%	100%	23%	100%	Non-compliant
T_02_A	Bedroom 2	81%	100%	81%	100%	Compliant
T_02_B	LKD	100%	100%	100%	100%	Compliant
T_02_B	Bedroom 1	31%	100%	31%	100%	Non-compliant
T_02_B	Bedroom 2	96%	100%	95%	100%	Compliant
T_02_C	LKD	100%	100%	100%	100%	Compliant
T_02_C	Bedroom 1	41%	100%	41%	100%	Non-compliant
T_02_C	Bedroom 2	100%	100%	100%	100%	Compliant
T_02_C	Bedroom 3	92%	100%	87%	100%	Compliant
T_03_A	LKD	73%	100%	44%	100%	Trees affecting compliance
T_03_A	Bedroom 1	23%	100%	23%	100%	Non-compliant
T_03_A	Bedroom 2	77%	100%	76%	100%	Compliant
T_03_B	LKD	100%	100%	100%	100%	Compliant
T_03_B	Bedroom 1	32%	100%	32%	100%	Non-compliant
T_03_B	Bedroom 2	97%	100%	97%	100%	Compliant
T_03_C	LKD	100%	100%	100%	100%	Compliant
T_03_C	Bedroom 1	41%	100%	41%	100%	Non-compliant
T_03_C	Bedroom 2	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.24 Supplementary SDA Results (I.S. EN 17037 criteria): Triplexes Group 1B

Table No. I.1.24 - Supplementary SDA Results (I.S. EN 17037 criteria): Triplexes Group 1B						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
T_03_C	Bedroom 3	100%	100%	100%	100%	Compliant
T_04_A	LKD	52%	100%	30%	100%	Trees affecting compliance
T_04_A	Bedroom 1	23%	100%	23%	100%	Non-compliant
T_04_A	Bedroom 2	77%	100%	77%	100%	Compliant
T_04_B	LKD	100%	100%	100%	100%	Compliant
T_04_B	Bedroom 1	32%	100%	32%	100%	Non-compliant
T_04_B	Bedroom 2	96%	100%	96%	100%	Compliant
T_04_C	LKD	100%	100%	100%	100%	Compliant
T_04_C	Bedroom 1	41%	100%	41%	100%	Non-compliant
T_04_C	Bedroom 2	100%	100%	100%	100%	Compliant
T_04_C	Bedroom 3	95%	100%	93%	100%	Compliant
T_05_A	LKD	48%	100%	33%	100%	Non-compliant
T_05_A	Bedroom 1	23%	100%	23%	100%	Non-compliant
T_05_A	Bedroom 2	71%	100%	71%	100%	Compliant
T_05_B	LKD	100%	100%	100%	100%	Compliant
T_05_B	Bedroom 1	32%	100%	32%	100%	Non-compliant
T_05_B	Bedroom 2	95%	100%	95%	100%	Compliant
T_05_C	LKD	100%	100%	100%	100%	Compliant
T_05_C	Bedroom 1	41%	100%	41%	100%	Non-compliant
T_05_C	Bedroom 2	100%	100%	100%	100%	Compliant
T_05_C	Bedroom 3	100%	100%	97%	100%	Compliant
T_06_A	LKD	64%	100%	45%	100%	Trees affecting compliance
T_06_A	Bedroom 1	23%	100%	23%	100%	Non-compliant
T_06_A	Bedroom 2	77%	100%	77%	100%	Compliant
T_06_B	LKD	100%	100%	100%	100%	Compliant
T_06_B	Bedroom 1	32%	100%	32%	100%	Non-compliant
T_06_B	Bedroom 2	97%	100%	97%	100%	Compliant
T_06_C	LKD	100%	100%	100%	100%	Compliant
T_06_C	Bedroom 1	41%	100%	41%	100%	Non-compliant
T_06_C	Bedroom 2	100%	100%	100%	100%	Compliant
T_06_C	Bedroom 3	95%	100%	95%	100%	Compliant
T_07_A	LKD	79%	100%	57%	100%	Compliant
T_07_A	Bedroom 1	23%	100%	23%	100%	Non-compliant
T_07_A	Bedroom 2	76%	100%	76%	100%	Compliant
T_07_B	LKD	100%	100%	100%	100%	Compliant
T_07_B	Bedroom 1	32%	100%	32%	100%	Non-compliant
T_07_B	Bedroom 2	97%	100%	97%	100%	Compliant
T_07_C	LKD	100%	100%	100%	100%	Compliant
T_07_C	Bedroom 1	41%	100%	41%	100%	Non-compliant
T_07_C	Bedroom 2	100%	100%	100%	100%	Compliant
T_07_C	Bedroom 3	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.1.25 Supplementary SDA Results (I.S. EN 17037 criteria): Triplexes Group 2

Table No. I.1.25 - Supplementary SDA Results (I.S. EN 17037 criteria): Triplexes Group 2						
Unit Number	Room Description	No Trees		With Trees		Compliance with I.S. EN 17037 Criteria*
		Area above 300 Lux*	Area above 100 Lux*	Area above 300 Lux*	Area above 100 Lux*	
T_08_A	LKD	97%	100%	95%	100%	Compliant
T_08_A	Bedroom 1	15%	100%	12%	91%	Non-compliant
T_08_A	Bedroom 2	53%	100%	49%	100%	Trees affecting compliance
T_08_B	LKD	100%	100%	100%	100%	Compliant
T_08_B	Bedroom 1	26%	100%	25%	100%	Non-compliant
T_08_B	Bedroom 2	83%	100%	73%	100%	Compliant
T_08_C	LKD	100%	100%	100%	100%	Compliant
T_08_C	Bedroom 1	40%	100%	38%	100%	Non-compliant
T_08_C	Bedroom 2	100%	100%	100%	100%	Compliant
T_08_C	Bedroom 3	100%	100%	100%	100%	Compliant
T_09_A	LKD	96%	100%	91%	100%	Compliant
T_09_A	Bedroom 1	16%	99%	11%	91%	Non-compliant
T_09_A	Bedroom 2	54%	100%	47%	100%	Trees affecting compliance
T_09_B	LKD	100%	100%	100%	100%	Compliant
T_09_B	Bedroom 1	28%	100%	23%	100%	Non-compliant
T_09_B	Bedroom 2	82%	100%	70%	100%	Compliant
T_09_C	LKD	100%	100%	100%	100%	Compliant
T_09_C	Bedroom 1	40%	100%	38%	100%	Non-compliant
T_09_C	Bedroom 2	100%	100%	100%	100%	Compliant
T_09_C	Bedroom 3	97%	100%	82%	100%	Compliant
T_10_A	LKD	98%	100%	92%	100%	Compliant
T_10_A	Bedroom 1	15%	98%	12%	91%	Non-compliant
T_10_A	Bedroom 2	54%	100%	44%	100%	Trees affecting compliance
T_10_B	LKD	100%	100%	100%	100%	Compliant
T_10_B	Bedroom 1	27%	100%	21%	100%	Non-compliant
T_10_B	Bedroom 2	78%	100%	68%	100%	Compliant
T_10_C	LKD	100%	100%	100%	100%	Compliant
T_10_C	Bedroom 1	40%	100%	37%	100%	Non-compliant
T_10_C	Bedroom 2	100%	100%	100%	100%	Compliant
T_10_C	Bedroom 3	97%	100%	77%	100%	Compliant
T_11_A	LKD	98%	100%	89%	100%	Compliant
T_11_A	Bedroom 1	16%	98%	11%	91%	Non-compliant
T_11_A	Bedroom 2	50%	100%	49%	100%	Trees affecting compliance
T_11_B	LKD	100%	100%	100%	100%	Compliant
T_11_B	Bedroom 1	28%	100%	23%	100%	Non-compliant
T_11_B	Bedroom 2	78%	100%	71%	100%	Compliant
T_11_C	LKD	100%	100%	100%	100%	Compliant
T_11_C	Bedroom 1	41%	100%	38%	100%	Non-compliant
T_11_C	Bedroom 2	100%	100%	100%	100%	Compliant

* For information regarding the criteria under the various guidelines including target Lux please refer to section 4.4.1 on page 16.
For floor plans of the assessed units please refer to section H.1 on page 34.

I.2 Supplementary No Sky Line (NSL) assessment in proposed units.

Below is an example of the table used to describe the supplementary assessment results for 'No Sky Line' in proposed units.

Table Example. I.2 - Supplementary NSL Results:			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%
A	**B**	**C**	**D**

A: Unit Number

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

B: Room Description

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

C: % of room where the sky is visible from the working plane

This column states the percentage of the room from which there is a direct line of sight to the sky when assessed at the working plane height, which is 850mm above the finished floor level in residential rooms or 700mm above the finished floor level in offices or classrooms.

D: Above 80%

Whilst the BRE Guidelines only provide recommendations for NSL in the context of an impact analysis, it states that "Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line."

If this column states: *'Yes'*, it signifies that the sky will be visible from more than 80% of the working plane.

If this column states: *'No'*, it signifies that the sky will be visible from less than 80% of the working plane and supplementary electric lighting may be required.

I.2.1 Supplementary NSL Results: Apartment Block - First Floor

Table No. I.2.1 - Supplementary NSL Results: Apartment Block			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
APT_01_01	LKD	100%	Yes
APT_01_01	Bedroom 1	100%	Yes
APT_01_01	Bedroom 2	98%	Yes
APT_01_02	LKD	100%	Yes
APT_01_02	Bedroom 1	99%	Yes
APT_01_03	LKD	100%	Yes
APT_01_03	Bedroom 1	99%	Yes
APT_01_04	LKD	100%	Yes
APT_01_04	Bedroom 1	98%	Yes
APT_01_05	LKD	100%	Yes
APT_01_05	Bedroom 1	99%	Yes
APT_01_05	Bedroom 2	98%	Yes
APT_01_06	LKD	100%	Yes
APT_01_06	Bedroom 1	99%	Yes
APT_01_06	Bedroom 2	93%	Yes
APT_01_07	LKD	94%	Yes
APT_01_07	Bedroom 1	97%	Yes
APT_01_08	LKD	90%	Yes
APT_01_08	Bedroom 1	99%	Yes
APT_01_09	LKD	75%	No
APT_01_09	Bedroom 1	96%	Yes
APT_01_10	LKD	99%	Yes
APT_01_10	Bedroom 1	100%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.2 Supplementary NSL Results: Apartment Block - Second Floor

Table No. I.2.2 - Supplementary NSL Results: Apartment Block			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
APT_02_01	LKD	100%	Yes
APT_02_01	Bedroom 1	99%	Yes
APT_02_01	Bedroom 2	97%	Yes
APT_02_02	LKD	99%	Yes
APT_02_02	Bedroom 1	98%	Yes
APT_02_03	LKD	99%	Yes
APT_02_03	Bedroom 1	99%	Yes
APT_02_04	LKD	99%	Yes
APT_02_04	Bedroom 1	95%	Yes
APT_02_05	LKD	100%	Yes
APT_02_05	Bedroom 1	98%	Yes
APT_02_05	Bedroom 2	97%	Yes
APT_02_06	LKD	100%	Yes
APT_02_06	Bedroom 1	98%	Yes
APT_02_06	Bedroom 2	97%	Yes
APT_02_07	LKD	99%	Yes
APT_02_07	Bedroom 1	98%	Yes
APT_02_08	LKD	100%	Yes
APT_02_08	Bedroom 1	99%	Yes
APT_02_09	LKD	100%	Yes
APT_02_09	Bedroom 1	96%	Yes
APT_02_10	LKD	100%	Yes
APT_02_10	Bedroom 1	99%	Yes
APT_02_10	Bedroom 2	98%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.3 Supplementary NSL Results: Apartment Block - Third Floor

Table No. I.2.3 - Supplementary NSL Results: Apartment Block			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
APT_03_01	LKD	100%	Yes
APT_03_01	Bedroom 1	99%	Yes
APT_03_01	Bedroom 2	98%	Yes
APT_03_02	LKD	99%	Yes
APT_03_02	Bedroom 1	99%	Yes
APT_03_03	LKD	99%	Yes
APT_03_03	Bedroom 1	97%	Yes
APT_03_04	LKD	99%	Yes
APT_03_04	Bedroom 1	98%	Yes
APT_03_05	LKD	100%	Yes
APT_03_05	Bedroom 1	98%	Yes
APT_03_05	Bedroom 2	98%	Yes
APT_03_06	LKD	100%	Yes
APT_03_06	Bedroom 1	99%	Yes
APT_03_06	Bedroom 2	93%	Yes
APT_03_07	LKD	100%	Yes
APT_03_07	Bedroom 1	97%	Yes
APT_03_08	LKD	100%	Yes
APT_03_08	Bedroom 1	99%	Yes
APT_03_09	LKD	100%	Yes
APT_03_09	Bedroom 1	96%	Yes
APT_03_10	LKD	100%	Yes
APT_03_10	Bedroom 1	98%	Yes
APT_03_10	Bedroom 2	95%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.4 Supplementary NSL Results: Apartment Block - Fourth Floor

Table No. I.2.4 - Supplementary NSL Results: Apartment Block			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
APT_04_01	LKD	100%	Yes
APT_04_01	Bedroom 1	99%	Yes
APT_04_01	Bedroom 2	98%	Yes
APT_04_02	LKD	99%	Yes
APT_04_02	Bedroom 1	98%	Yes
APT_04_03	LKD	99%	Yes
APT_04_03	Bedroom 1	99%	Yes
APT_04_04	LKD	99%	Yes
APT_04_04	Bedroom 1	95%	Yes
APT_04_05	LKD	100%	Yes
APT_04_05	Bedroom 1	99%	Yes
APT_04_05	Bedroom 2	98%	Yes
APT_04_06	LKD	100%	Yes
APT_04_06	Bedroom 1	98%	Yes
APT_04_06	Bedroom 2	97%	Yes
APT_04_07	LKD	99%	Yes
APT_04_07	Bedroom 1	98%	Yes
APT_04_08	LKD	100%	Yes
APT_04_08	Bedroom 1	99%	Yes
APT_04_09	LKD	100%	Yes
APT_04_09	Bedroom 1	96%	Yes
APT_04_10	LKD	100%	Yes
APT_04_10	Bedroom 1	99%	Yes
APT_04_10	Bedroom 2	98%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.5 Supplementary NSL Results: Apartment Block - Fifth Floor

Table No. I.2.5 - Supplementary NSL Results: Apartment Block			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
APT_05_01	LKD	100%	Yes
APT_05_01	Bedroom 1	99%	Yes
APT_05_01	Bedroom 2	97%	Yes
APT_05_02	LKD	99%	Yes
APT_05_02	Bedroom 1	99%	Yes
APT_05_03	LKD	99%	Yes
APT_05_03	Bedroom 1	97%	Yes
APT_05_04	LKD	99%	Yes
APT_05_04	Bedroom 1	98%	Yes
APT_05_05	LKD	100%	Yes
APT_05_05	Bedroom 1	99%	Yes
APT_05_05	Bedroom 2	97%	Yes
APT_05_06	LKD	100%	Yes
APT_05_06	Bedroom 1	99%	Yes
APT_05_06	Bedroom 2	93%	Yes
APT_05_07	LKD	100%	Yes
APT_05_07	Bedroom 1	98%	Yes
APT_05_08	LKD	100%	Yes
APT_05_08	Bedroom 1	99%	Yes
APT_05_09	LKD	100%	Yes
APT_05_09	Bedroom 1	98%	Yes
APT_05_10	LKD	100%	Yes
APT_05_10	Bedroom 1	98%	Yes
APT_05_10	Bedroom 2	95%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.6 Supplementary NSL Results: Apartment Block - Sixth Floor

Table No. I.2.6 - Supplementary NSL Results: Apartment Block			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
APT_06_01	LKD	100%	Yes
APT_06_01	Bedroom 1	99%	Yes
APT_06_01	Bedroom 2	98%	Yes
APT_06_02	LKD	99%	Yes
APT_06_02	Bedroom 1	98%	Yes
APT_06_03	LKD	99%	Yes
APT_06_03	Bedroom 1	99%	Yes
APT_06_04	LKD	99%	Yes
APT_06_04	Bedroom 1	95%	Yes
APT_06_05	LKD	100%	Yes
APT_06_05	Bedroom 1	99%	Yes
APT_06_05	Bedroom 2	98%	Yes
APT_06_06	LKD	100%	Yes
APT_06_06	Bedroom 1	99%	Yes
APT_06_07	LKD	100%	Yes
APT_06_07	Bedroom 1	99%	Yes
APT_06_08	LKD	100%	Yes
APT_06_08	Bedroom 1	99%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.7 Supplementary NSL Results: Duplexes Group A

Table No. I.2.7 - Supplementary NSL Results: Duplexes Group A			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_01_A	LKD	97%	Yes
D_01_A	Bedroom 1	36%	No
D_01_A	Bedroom 2	99%	Yes
D_01_B	LKD	100%	Yes
D_01_B	Bedroom 1	98%	Yes
D_01_B	Bedroom 2	99%	Yes
D_01_B	Bedroom 3	96%	Yes
D_02_A	LKD	97%	Yes
D_02_A	Bedroom 1	28%	No
D_02_A	Bedroom 2	39%	No
D_02_B	LKD	99%	Yes
D_02_B	Bedroom 1	49%	No
D_02_B	Bedroom 2	99%	Yes
D_02_B	Bedroom 3	96%	Yes
D_03_A	LKD	97%	Yes
D_03_A	Bedroom 1	23%	No
D_03_A	Bedroom 2	26%	No
D_03_B	LKD	99%	Yes
D_03_B	Bedroom 1	49%	No
D_03_B	Bedroom 2	99%	Yes
D_03_B	Bedroom 3	95%	Yes
D_04_A	LKD	93%	Yes
D_04_A	Bedroom 1	34%	No
D_04_A	Bedroom 2	51%	No
D_04_B	LKD	99%	Yes
D_04_B	Bedroom 1	51%	No
D_04_B	Bedroom 2	99%	Yes
D_04_B	Bedroom 3	95%	Yes
D_05_A	LKD	97%	Yes
D_05_A	Bedroom 1	47%	No
D_05_A	Bedroom 2	99%	Yes
D_05_B	LKD	100%	Yes
D_05_B	Bedroom 1	98%	Yes
D_05_B	Bedroom 2	99%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.8 Supplementary NSL Results: Duplexes Group B

Table No. I.2.8 - Supplementary NSL Results: Duplexes Group B			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_05_B	Bedroom 3	96%	Yes
D_06_A	LKD	98%	Yes
D_06_A	Bedroom 1	99%	Yes
D_06_A	Bedroom 2	99%	Yes
D_06_B	LKD	100%	Yes
D_06_B	Bedroom 1	99%	Yes
D_06_B	Bedroom 2	100%	Yes
D_06_B	Bedroom 3	96%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.9 Supplementary NSL Results: Duplexes Group C

Table No. I.2.9 - Supplementary NSL Results: Duplexes Group C			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_07_A	LKD	100%	Yes
D_07_A	Bedroom 1	100%	Yes
D_07_A	Bedroom 2	99%	Yes
D_07_B	LKD	100%	Yes
D_07_B	Bedroom 1	96%	Yes
D_07_B	Bedroom 2	99%	Yes
D_07_B	Bedroom 3	96%	Yes
D_08_A	LKD	97%	Yes
D_08_A	Bedroom 1	100%	Yes
D_08_A	Bedroom 2	99%	Yes
D_08_B	LKD	100%	Yes
D_08_B	Bedroom 1	94%	Yes
D_08_B	Bedroom 2	99%	Yes
D_08_B	Bedroom 3	96%	Yes
D_09_A	LKD	97%	Yes
D_09_A	Bedroom 1	81%	Yes
D_09_A	Bedroom 2	91%	Yes
D_09_B	LKD	100%	Yes
D_09_B	Bedroom 1	94%	Yes
D_09_B	Bedroom 2	99%	Yes
D_09_B	Bedroom 3	96%	Yes
D_10_A	LKD	97%	Yes
D_10_A	Bedroom 1	70%	No
D_10_A	Bedroom 2	98%	Yes
D_10_B	LKD	100%	Yes
D_10_B	Bedroom 1	94%	Yes
D_10_B	Bedroom 2	99%	Yes
D_10_B	Bedroom 3	96%	Yes
D_11_A	LKD	97%	Yes
D_11_A	Bedroom 1	65%	No
D_11_A	Bedroom 2	86%	Yes
D_11_B	LKD	100%	Yes
D_11_B	Bedroom 1	94%	Yes
D_11_B	Bedroom 2	99%	Yes
D_11_B	Bedroom 3	96%	Yes
D_12_A	LKD	100%	Yes
D_12_A	Bedroom 1	89%	Yes
D_12_A	Bedroom 2	99%	Yes
D_12_B	LKD	100%	Yes
D_12_B	Bedroom 1	99%	Yes
D_12_B	Bedroom 2	100%	Yes
D_12_B	Bedroom 3	96%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.10 Supplementary NSL Results: Duplexes Group D

Table No. I.2.10 - Supplementary NSL Results: Duplexes Group D			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_13_A	LKD	100%	Yes
D_13_A	Bedroom 1	100%	Yes
D_13_A	Bedroom 2	99%	Yes
D_13_B	LKD	100%	Yes
D_13_B	Bedroom 1	99%	Yes
D_13_B	Bedroom 2	99%	Yes
D_13_B	Bedroom 3	96%	Yes
D_14_A	LKD	79%	No
D_14_A	Bedroom 1	100%	Yes
D_14_A	Bedroom 2	99%	Yes
D_14_B	LKD	100%	Yes
D_14_B	Bedroom 1	94%	Yes
D_14_B	Bedroom 2	99%	Yes
D_14_B	Bedroom 3	96%	Yes
D_15_A	LKD	98%	Yes
D_15_A	Bedroom 1	30%	No
D_15_A	Bedroom 2	99%	Yes
D_15_B	LKD	99%	Yes
D_15_B	Bedroom 1	99%	Yes
D_15_B	Bedroom 2	99%	Yes
D_15_B	Bedroom 3	96%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.11 Supplementary NSL Results: Duplexes Group E

Table No. I.2.11 - Supplementary NSL Results: Duplexes Group E			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_16_A	LKD	98%	Yes
D_16_A	Bedroom 1	99%	Yes
D_16_A	Bedroom 2	100%	Yes
D_16_B	LKD	100%	Yes
D_16_B	Bedroom 1	99%	Yes
D_16_B	Bedroom 2	100%	Yes
D_16_B	Bedroom 3	96%	Yes
D_17_A	LKD	82%	Yes
D_17_A	Bedroom 1	77%	No
D_17_A	Bedroom 2	97%	Yes
D_17_B	LKD	100%	Yes
D_17_B	Bedroom 1	94%	Yes
D_17_B	Bedroom 2	99%	Yes
D_17_B	Bedroom 3	96%	Yes
D_18_A	LKD	99%	Yes
D_18_A	Bedroom 1	61%	No
D_18_A	Bedroom 2	99%	Yes
D_18_B	LKD	99%	Yes
D_18_B	Bedroom 1	94%	Yes
D_18_B	Bedroom 2	100%	Yes
D_18_B	Bedroom 3	96%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.12 Supplementary NSL Results: Duplexes Group F

Table No. I.2.12 - Supplementary NSL Results: Duplexes Group F			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_19_A	LKD	67%	No
D_19_A	Bedroom 1	53%	No
D_19_A	Bedroom 2	83%	Yes
D_19_B	LKD	96%	Yes
D_19_B	Bedroom 1	93%	Yes
D_19_B	Bedroom 2	99%	Yes
D_19_B	Bedroom 3	96%	Yes
D_20_A	LKD	80%	Yes
D_20_A	Bedroom 1	56%	No
D_20_A	Bedroom 2	98%	Yes
D_20_B	LKD	100%	Yes
D_20_B	Bedroom 1	94%	Yes
D_20_B	Bedroom 2	99%	Yes
D_20_B	Bedroom 3	96%	Yes
D_21_A	LKD	67%	No
D_21_A	Bedroom 1	83%	Yes
D_21_A	Bedroom 2	97%	Yes
D_21_B	LKD	100%	Yes
D_21_B	Bedroom 1	94%	Yes
D_21_B	Bedroom 2	99%	Yes
D_21_B	Bedroom 3	96%	Yes
D_22_A	LKD	99%	Yes
D_22_A	Bedroom 1	81%	Yes
D_22_A	Bedroom 2	99%	Yes
D_22_B	LKD	100%	Yes
D_22_B	Bedroom 1	94%	Yes
D_22_B	Bedroom 2	99%	Yes
D_22_B	Bedroom 3	96%	Yes
D_23_A	LKD	75%	No
D_23_A	Bedroom 1	89%	Yes
D_23_A	Bedroom 2	98%	Yes
D_23_B	LKD	100%	Yes
D_23_B	Bedroom 1	94%	Yes
D_23_B	Bedroom 2	99%	Yes
D_23_B	Bedroom 3	96%	Yes
D_24_A	LKD	99%	Yes
D_24_A	Bedroom 1	88%	Yes
D_24_A	Bedroom 2	99%	Yes
D_24_B	LKD	99%	Yes
D_24_B	Bedroom 1	93%	Yes
D_24_B	Bedroom 2	99%	Yes
D_24_B	Bedroom 3	96%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.13 Supplementary NSL Results: Duplexes Group G

Table No. I.2.13 - Supplementary NSL Results: Duplexes Group G			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_25_A	LKD	100%	Yes
D_25_A	Bedroom 1	98%	Yes
D_25_A	Bedroom 2	32%	No
D_25_B	LKD	95%	Yes
D_25_B	Bedroom 1	92%	Yes
D_25_B	Bedroom 2	99%	Yes
D_25_B	Bedroom 3	97%	Yes
D_26_A	LKD	98%	Yes
D_26_A	Bedroom 1	91%	Yes
D_26_A	Bedroom 2	61%	No
D_26_B	LKD	100%	Yes
D_26_B	Bedroom 1	94%	Yes
D_26_B	Bedroom 2	99%	Yes
D_26_B	Bedroom 3	97%	Yes
D_27_A	LKD	96%	Yes
D_27_A	Bedroom 1	100%	Yes
D_27_A	Bedroom 2	98%	Yes
D_27_B	LKD	100%	Yes
D_27_B	Bedroom 1	94%	Yes
D_27_B	Bedroom 2	99%	Yes
D_27_B	Bedroom 3	96%	Yes
D_28_A	LKD	100%	Yes
D_28_A	Bedroom 1	100%	Yes
D_28_A	Bedroom 2	98%	Yes
D_28_B	LKD	98%	Yes
D_28_B	Bedroom 1	92%	Yes
D_28_B	Bedroom 2	99%	Yes
D_28_B	Bedroom 3	97%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.14 Supplementary NSL Results: Duplexes Group H

Table No. I.2.14 - Supplementary NSL Results: Duplexes Group H			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_29_A	LKD	94%	Yes
D_29_A	Bedroom 1	100%	Yes
D_29_A	Bedroom 2	100%	Yes
D_29_B	LKD	100%	Yes
D_29_B	Bedroom 1	94%	Yes
D_29_B	Bedroom 2	99%	Yes
D_29_B	Bedroom 3	96%	Yes
D_30_A	LKD	100%	Yes
D_30_A	Bedroom 1	100%	Yes
D_30_A	Bedroom 2	99%	Yes
D_30_B	LKD	100%	Yes
D_30_B	Bedroom 1	94%	Yes
D_30_B	Bedroom 2	99%	Yes
D_30_B	Bedroom 3	96%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.15 Supplementary NSL Results: Duplexes Group I1

Table No. I.2.15 - Supplementary NSL Results: Duplexes Group I1			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_31_A	LKD	100%	Yes
D_31_A	Bedroom 1	84%	Yes
D_31_A	Bedroom 2	100%	Yes
D_31_B	LKD	100%	Yes
D_31_B	Bedroom 1	99%	Yes
D_31_B	Bedroom 2	99%	Yes
D_31_B	Bedroom 3	96%	Yes
D_32_A	LKD	76%	No
D_32_A	Bedroom 1	100%	Yes
D_32_A	Bedroom 2	98%	Yes
D_32_B	LKD	100%	Yes
D_32_B	Bedroom 1	94%	Yes
D_32_B	Bedroom 2	98%	Yes
D_32_B	Bedroom 3	96%	Yes
D_33_A	LKD	92%	Yes
D_33_A	Bedroom 1	100%	Yes
D_33_A	Bedroom 2	99%	Yes
D_33_B	LKD	100%	Yes
D_33_B	Bedroom 1	94%	Yes
D_33_B	Bedroom 2	99%	Yes
D_33_B	Bedroom 3	96%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.16 Supplementary NSL Results: Duplexes Group I2

Table No. I.2.16 - Supplementary NSL Results: Duplexes Group I2			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_34_A	LKD	95%	Yes
D_34_A	Bedroom 1	100%	Yes
D_34_A	Bedroom 2	99%	Yes
D_34_B	LKD	100%	Yes
D_34_B	Bedroom 1	94%	Yes
D_34_B	Bedroom 2	99%	Yes
D_34_B	Bedroom 3	96%	Yes
D_35_A	LKD	78%	No
D_35_A	Bedroom 1	100%	Yes
D_35_A	Bedroom 2	99%	Yes
D_35_B	LKD	100%	Yes
D_35_B	Bedroom 1	94%	Yes
D_35_B	Bedroom 2	99%	Yes
D_35_B	Bedroom 3	96%	Yes
D_36_A	LKD	81%	Yes
D_36_A	Bedroom 1	89%	Yes
D_36_A	Bedroom 2	99%	Yes
D_36_B	LKD	100%	Yes
D_36_B	Bedroom 1	94%	Yes
D_36_B	Bedroom 2	99%	Yes
D_36_B	Bedroom 3	96%	Yes
D_37_A	LKD	80%	Yes
D_37_A	Bedroom 1	88%	Yes
D_37_A	Bedroom 2	99%	Yes
D_37_B	LKD	100%	Yes
D_37_B	Bedroom 1	94%	Yes
D_37_B	Bedroom 2	99%	Yes
D_37_B	Bedroom 3	96%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.17 Supplementary NSL Results: Duplexes Group J

Table No. I.2.17 - Supplementary NSL Results: Duplexes Group J			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_38_A	LKD	100%	Yes
D_38_A	Bedroom 1	87%	Yes
D_38_A	Bedroom 2	99%	Yes
D_38_B	LKD	100%	Yes
D_38_B	Bedroom 1	99%	Yes
D_38_B	Bedroom 2	99%	Yes
D_38_B	Bedroom 3	96%	Yes
D_39_A	LKD	100%	Yes
D_39_A	Bedroom 1	87%	Yes
D_39_A	Bedroom 2	99%	Yes
D_39_B	LKD	100%	Yes
D_39_B	Bedroom 1	99%	Yes
D_39_B	Bedroom 2	100%	Yes
D_39_B	Bedroom 3	96%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.18 Supplementary NSL Results: Duplexes Group K

Table No. I.2.18 - Supplementary NSL Results: Duplexes Group K			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_40_A	LKD	100%	Yes
D_40_A	Bedroom 1	100%	Yes
D_40_A	Bedroom 2	99%	Yes
D_40_B	LKD	100%	Yes
D_40_B	Bedroom 1	99%	Yes
D_40_B	Bedroom 2	99%	Yes
D_40_B	Bedroom 3	96%	Yes
D_41_A	LKD	98%	Yes
D_41_A	Bedroom 1	99%	Yes
D_41_A	Bedroom 2	99%	Yes
D_41_B	LKD	100%	Yes
D_41_B	Bedroom 1	94%	Yes
D_41_B	Bedroom 2	99%	Yes
D_41_B	Bedroom 3	96%	Yes
D_42_A	LKD	100%	Yes
D_42_A	Bedroom 1	100%	Yes
D_42_A	Bedroom 2	99%	Yes
D_42_B	LKD	100%	Yes
D_42_B	Bedroom 1	94%	Yes
D_42_B	Bedroom 2	99%	Yes
D_42_B	Bedroom 3	96%	Yes
D_43_A	LKD	100%	Yes
D_43_A	Bedroom 1	100%	Yes
D_43_A	Bedroom 2	99%	Yes
D_43_B	LKD	100%	Yes
D_43_B	Bedroom 1	94%	Yes
D_43_B	Bedroom 2	99%	Yes
D_43_B	Bedroom 3	96%	Yes
D_44_A	LKD	97%	Yes
D_44_A	Bedroom 1	99%	Yes
D_44_A	Bedroom 2	99%	Yes
D_44_B	LKD	100%	Yes
D_44_B	Bedroom 1	94%	Yes
D_44_B	Bedroom 2	99%	Yes
D_44_B	Bedroom 3	96%	Yes
D_45_A	LKD	100%	Yes
D_45_A	Bedroom 1	99%	Yes
D_45_A	Bedroom 2	99%	Yes
D_45_B	LKD	100%	Yes
D_45_B	Bedroom 1	99%	Yes
D_45_B	Bedroom 2	100%	Yes
D_45_B	Bedroom 3	96%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.19 Supplementary NSL Results: Duplexes Group L

Table No. I.2.19 - Supplementary NSL Results: Duplexes Group L			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_46_A	LKD	100%	Yes
D_46_A	Bedroom 1	89%	Yes
D_46_A	Bedroom 2	99%	Yes
D_46_B	LKD	100%	Yes
D_46_B	Bedroom 1	99%	Yes
D_46_B	Bedroom 2	99%	Yes
D_46_B	Bedroom 3	96%	Yes
D_47_A	LKD	100%	Yes
D_47_A	Bedroom 1	89%	Yes
D_47_A	Bedroom 2	100%	Yes
D_47_B	LKD	100%	Yes
D_47_B	Bedroom 1	99%	Yes
D_47_B	Bedroom 2	100%	Yes
D_47_B	Bedroom 3	96%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.20 Supplementary NSL Results: Duplexes Group M

Table No. I.2.20 - Supplementary NSL Results: Duplexes Group M			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_48_A	LKD	100%	Yes
D_48_A	Bedroom 1	98%	Yes
D_48_A	Bedroom 2	100%	Yes
D_48_B	LKD	100%	Yes
D_48_B	Bedroom 1	99%	Yes
D_48_B	Bedroom 2	100%	Yes
D_48_B	Bedroom 3	96%	Yes
D_49_A	LKD	100%	Yes
D_49_A	Bedroom 1	98%	Yes
D_49_A	Bedroom 2	99%	Yes
D_49_B	LKD	100%	Yes
D_49_B	Bedroom 1	99%	Yes
D_49_B	Bedroom 2	99%	Yes
D_49_B	Bedroom 3	96%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.21 Supplementary NSL Results: Duplexes Group N

Table No. I.2.21 - Supplementary NSL Results: Duplexes Group N			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_50_A	LKD	100%	Yes
D_50_A	Bedroom 1	73%	No
D_50_A	Bedroom 2	99%	Yes
D_50_B	LKD	100%	Yes
D_50_B	Bedroom 1	99%	Yes
D_50_B	Bedroom 2	99%	Yes
D_50_B	Bedroom 3	96%	Yes
D_51_A	LKD	94%	Yes
D_51_A	Bedroom 1	93%	Yes
D_51_A	Bedroom 2	92%	Yes
D_51_B	LKD	100%	Yes
D_51_B	Bedroom 1	94%	Yes
D_51_B	Bedroom 2	99%	Yes
D_51_B	Bedroom 3	96%	Yes
D_52_A	LKD	100%	Yes
D_52_A	Bedroom 1	98%	Yes
D_52_A	Bedroom 2	99%	Yes
D_52_B	LKD	100%	Yes
D_52_B	Bedroom 1	99%	Yes
D_52_B	Bedroom 2	100%	Yes
D_52_B	Bedroom 3	96%	Yes
D_53_A	LKD	100%	Yes
D_53_A	Bedroom 1	57%	No
D_53_A	Bedroom 2	100%	Yes
D_53_B	LKD	100%	Yes
D_53_B	Bedroom 1	100%	Yes
D_53_B	Bedroom 2	99%	Yes
D_53_B	Bedroom 3	96%	Yes
D_54_A	LKD	98%	Yes
D_54_A	Bedroom 1	66%	No
D_54_A	Bedroom 2	99%	Yes
D_54_B	LKD	100%	Yes
D_54_B	Bedroom 1	99%	Yes
D_54_B	Bedroom 2	100%	Yes
D_54_B	Bedroom 3	96%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.22 Supplementary NSL Results: Duplexes Group O

Table No. I.2.22 - Supplementary NSL Results: Duplexes Group O			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
D_55_A	LKD	100%	Yes
D_55_A	Bedroom 1	100%	Yes
D_55_A	Bedroom 2	100%	Yes
D_55_B	LKD	100%	Yes
D_55_B	Bedroom 1	99%	Yes
D_55_B	Bedroom 2	100%	Yes
D_55_B	Bedroom 3	99%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.23 Supplementary NSL Results: Triplexes Group 1A

Table No. I.2.23 - Supplementary NSL Results: Triplexes Group 1A			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
T_01_A	LKD	99%	Yes
T_01_A	Bedroom 1	98%	Yes
T_01_A	Bedroom 2	99%	Yes
T_01_B	LKD	99%	Yes
T_01_B	Bedroom 1	98%	Yes
T_01_B	Bedroom 2	99%	Yes
T_01_C	LKD	99%	Yes
T_01_C	Bedroom 1	98%	Yes
T_01_C	Bedroom 2	99%	Yes
T_01_C	Bedroom 3	99%	Yes
T_02_A	LKD	98%	Yes
T_02_A	Bedroom 1	96%	Yes
T_02_A	Bedroom 2	99%	Yes
T_02_B	LKD	99%	Yes
T_02_B	Bedroom 1	96%	Yes
T_02_B	Bedroom 2	99%	Yes
T_02_C	LKD	99%	Yes
T_02_C	Bedroom 1	96%	Yes
T_02_C	Bedroom 2	99%	Yes
T_02_C	Bedroom 3	93%	Yes
T_03_A	LKD	99%	Yes
T_03_A	Bedroom 1	96%	Yes
T_03_A	Bedroom 2	99%	Yes
T_03_B	LKD	99%	Yes
T_03_B	Bedroom 1	96%	Yes
T_03_B	Bedroom 2	99%	Yes
T_03_C	LKD	99%	Yes
T_03_C	Bedroom 1	96%	Yes
T_03_C	Bedroom 2	99%	Yes
T_03_C	Bedroom 3	99%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.24 Supplementary NSL Results: Triplexes Group 1B

Table No. I.2.24 - Supplementary NSL Results: Triplexes Group 1B			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
T_04_A	LKD	98%	Yes
T_04_A	Bedroom 1	96%	Yes
T_04_A	Bedroom 2	99%	Yes
T_04_B	LKD	99%	Yes
T_04_B	Bedroom 1	96%	Yes
T_04_B	Bedroom 2	99%	Yes
T_04_C	LKD	99%	Yes
T_04_C	Bedroom 1	96%	Yes
T_04_C	Bedroom 2	99%	Yes
T_04_C	Bedroom 3	99%	Yes
T_05_A	LKD	98%	Yes
T_05_A	Bedroom 1	96%	Yes
T_05_A	Bedroom 2	99%	Yes
T_05_B	LKD	99%	Yes
T_05_B	Bedroom 1	96%	Yes
T_05_B	Bedroom 2	99%	Yes
T_05_C	LKD	99%	Yes
T_05_C	Bedroom 1	96%	Yes
T_05_C	Bedroom 2	99%	Yes
T_05_C	Bedroom 3	99%	Yes
T_06_A	LKD	98%	Yes
T_06_A	Bedroom 1	96%	Yes
T_06_A	Bedroom 2	99%	Yes
T_06_B	LKD	99%	Yes
T_06_B	Bedroom 1	96%	Yes
T_06_B	Bedroom 2	99%	Yes
T_06_C	LKD	99%	Yes
T_06_C	Bedroom 1	96%	Yes
T_06_C	Bedroom 2	99%	Yes
T_06_C	Bedroom 3	93%	Yes
T_07_A	LKD	97%	Yes
T_07_A	Bedroom 1	96%	Yes
T_07_A	Bedroom 2	99%	Yes
T_07_B	LKD	99%	Yes
T_07_B	Bedroom 1	96%	Yes
T_07_B	Bedroom 2	99%	Yes
T_07_C	LKD	99%	Yes
T_07_C	Bedroom 1	96%	Yes
T_07_C	Bedroom 2	99%	Yes
T_07_C	Bedroom 3	100%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.

I.2.25 Supplementary NSL Results: Triplexes Group 2

Table No. I.2.25 - Supplementary NSL Results: Triplexes Group 2			
Unit Number	Room Description	No Sky Line (NSL)	
		% of room where the sky is visible from the working plane	Above 80%*
T_08_A	LKD	98%	Yes
T_08_A	Bedroom 1	87%	Yes
T_08_A	Bedroom 2	91%	Yes
T_08_B	LKD	99%	Yes
T_08_B	Bedroom 1	96%	Yes
T_08_B	Bedroom 2	99%	Yes
T_08_C	LKD	99%	Yes
T_08_C	Bedroom 1	96%	Yes
T_08_C	Bedroom 2	99%	Yes
T_08_C	Bedroom 3	100%	Yes
T_09_A	LKD	98%	Yes
T_09_A	Bedroom 1	90%	Yes
T_09_A	Bedroom 2	98%	Yes
T_09_B	LKD	99%	Yes
T_09_B	Bedroom 1	96%	Yes
T_09_B	Bedroom 2	99%	Yes
T_09_C	LKD	99%	Yes
T_09_C	Bedroom 1	96%	Yes
T_09_C	Bedroom 2	99%	Yes
T_09_C	Bedroom 3	93%	Yes
T_10_A	LKD	98%	Yes
T_10_A	Bedroom 1	93%	Yes
T_10_A	Bedroom 2	99%	Yes
T_10_B	LKD	99%	Yes
T_10_B	Bedroom 1	96%	Yes
T_10_B	Bedroom 2	99%	Yes
T_10_C	LKD	99%	Yes
T_10_C	Bedroom 1	96%	Yes
T_10_C	Bedroom 2	99%	Yes
T_10_C	Bedroom 3	99%	Yes
T_11_A	LKD	98%	Yes
T_11_A	Bedroom 1	90%	Yes
T_11_A	Bedroom 2	92%	Yes
T_11_B	LKD	99%	Yes
T_11_B	Bedroom 1	96%	Yes
T_11_B	Bedroom 2	99%	Yes
T_11_C	LKD	99%	Yes
T_11_C	Bedroom 1	96%	Yes
T_11_C	Bedroom 2	99%	Yes
T_11_C	Bedroom 3	100%	Yes

* Whilst the BRE Guidelines do not provide target values for NSL in a proposed development, it states that “Supplementary electric lighting will be needed if a significant part of the working plane (20% of the room or more) lies beyond the no sky line.”

For floor plans of the assessed units please refer to section H.1 on page 34.