



REPORT
on
DAYLIGHT & SUNLIGHT WITHIN
THE
PROPOSED DWELLINGS
at
CLARENDON GAS WORKS
WOOD GREEN

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expertise
applied

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Figure 1: Oblique aerial photograph of the site looking north (Google Earth)



Figure 2: 3D view of computer model looking north-east

1. INTRODUCTION

- 1.1 St. Williams Home LLP is proposing a development at Clarendon Gas Works site (“the Site”). The Site, which is shown in Figure 1 at page ii, is within the London Borough of Haringey (“LBH”). It is bounded by Coburg Road to the north, the Hornsey Park Road properties to the east, Clarendon Road to the south and the railway line to the west.
- 1.2 The proposed development is part of a wider scheme designed by Sheppard Robson Architects which comprises the demolition of existing buildings/structures and the construction of a variety of buildings across the site to provide residential, leisure and office space, as well as open space and associated parking. The proposed development for this application comprises three residential blocks (Blocks H1, H2 and H3) located in the north-east corner of the Site (“the Proposed Development”).
- 1.3 This report is intended to be read in conjunction with our Daylight and Sunlight Reports prepared for the wider consented phases, those being:
- (a) Blocks D1 and D2 dated 1 February 2019 (“the Block D1-D2 Report”)
 - (b) Blocks D3 and D4 dated 7 June 2019 (“the D3-D4 Block Report”) and;
 - (c) Blocks E1, E2 and E3 dated 9 July 2020 (“the E Block Report”).
- 1.4 In terms of the considering the acceptability of the Proposed Development with respect to daylight and sunlight, it is important that LBH consider the conclusions drawn for the above reports, since these have already received planning permission (collectively referred to as “the Consented Blocks” hereinafter).
- 1.5 Anstey Horne has been commissioned to undertake a formal technical assessment of the daylight and sunlight levels to the residential accommodation, in particular habitable rooms, within the Proposed Development. We have used 3D computer modelling and our specialist computer software to calculate the levels of daylight and sunlight that will be available in the proposed habitable rooms. Our 3D model of the proposed scheme is illustrated in Figure 2 at page ii and in our drawings at Appendix A.
- 1.6 There are no mandatory standards for daylight or sunlight to dwellings, but the following publications offer guidance:
- BS EN 17037:2018 Daylight in Buildings (2018)
 - BRE Report 209, *Site Layout Planning for Daylight and Sunlight: A guide to good practice* (third edition, 2022)

- CIBSE Lighting Guide 10, *Daylighting - A Guide for Designers: Lighting for the Built Environment* (SLL LG10, 2014)

- 1.7 The assessments have been undertaken based on BRE Report 209, *Site Layout Planning for Daylight and Sunlight: A guide to good practice* (third edition, 2022) which supersedes the second edition of the guide. The 2022 BRE Guidelines introduces more sophisticated tested methodologies that take into account external reflectance and climate-based daylight modelling (CBDM) whereby an assessment can be based on weather data for various locations across the United Kingdom.
- 1.8 The BRE Guidelines give advice on minimum recommended Target Illuminance (TI) and Daylight Factor (DF) in habitable rooms in dwellings. They also make recommendations for minimum levels of sunlight availability to interiors, based on hours of direct sunlight.
- 1.9 The previously used Average Daylight Factor (ADF) and Annual Probable Sunlight Hours (APSH) methodology is no longer recommended for testing the proposed levels of light within new developments. However, we have also run the daylight assessment in line with the now superseded 2011 guidelines so that the results can be considered in the context of the previous testing methodology which the Local Authority may be more familiar with.
- 1.10 This report summarises the relevant planning policy, the basic principles of daylighting, the methods used to assess the potential levels that will be achieved in the new accommodation, the information used in compiling our 3D computer model and the results of our technical assessment. Drawings and full tables of results of our assessment are attached in the appendices.

2. PLANNING POLICY AND GUIDANCE

National Planning Policy and Guidance

2.1 The Revised National Planning Policy Framework (July 2021) sets out the Government's planning policies and how these are expected to be applied. It provides a framework within which councils can produce their own local plans that reflect the needs and priorities of their communities.

2.2 Chapter 11 'Making effective use of land' states in paragraph 125 (c) that:

"local planning authorities should refuse applications which they consider fail to make efficient use of land, taking into account the policies in this Framework. In this context, when considering applications for housing, authorities should take a flexible approach in applying policies or guidance relating to daylight and sunlight, where they would otherwise inhibit making efficient use of a site (as long as the resulting scheme would provide acceptable living standards)."

2.3 The Building Research Establishment, whose aims include achieving a higher quality built environment, published the BRE guidelines 209, Site Layout Planning for Daylight and Sunlight: A guide to good practice (third edition, 2022) by PJ Littlefair in June 2022. This guide gives advice on site layout planning to retain good daylighting and sunlighting in existing surrounding buildings and achieve to it in new buildings. The guide is intended for use by designers, consultants and planning officials and notes that:

"The advice given here is not mandatory and this document should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer."

Regional Planning Policy and Guidance

Mayor's London Plan

2.4 The Mayor of London's London Plan March 2021 sets out the spatial development strategy for London. It forms part of the development plan for Greater London, along with local plans of the London boroughs.

2.5 Policy D6 'Housing quality and standards' states the following:

"... C. Housing development should maximise the provision of dual aspect dwellings and normally avoid the provision of single aspect dwellings. A single aspect dwelling should only be provided where it is considered a more appropriate design solution to meet the requirements of Part B in Policy D3 Optimising site capacity through the design-led

approach than a dual aspect dwelling, and it can be demonstrated that it will have adequate passive ventilation, daylight and privacy, and avoid overheating.

D. The design of development should provide sufficient daylight and sunlight to new and surrounding housing that is appropriate for its context, whilst avoiding overheating, minimising overshadowing and maximising the usability of outside amenity space...”

Mayor’s Housing Supplementary Planning Guidance

2.6 The Mayor of London’s ‘Housing Supplementary Planning Guidance’ (March 2016) provides guidance on how to implement the housing policies in the London Plan. It replaces the 2012 Housing Supplementary Planning Guidance.

2.7 Part 1 of the SPG covers housing supply and sets out the Plan’s approach to optimising housing output. In relation to daylight and sunlight within new housing developments it advises:

“An appropriate degree of flexibility needs to be applied when using BRE guidelines to assess the daylight and sunlight ... within new developments. Guidelines should be applied sensitively to higher density development, especially in opportunity areas, town centres, large sites and accessible locations, where BRE advice suggests considering the use of alternative targets. This should take into account local circumstances; the need to optimise housing capacity; and scope for the character and form of an area to change over time.”

“The daylight targets within a proposed scheme should be assessed drawing on broadly comparable residential typologies within the area and of a similar nature across London. Decision makers should recognise that fully optimising housing potential on large sites may necessitate standards which depart from those presently experienced but which still achieve satisfactory levels of residential amenity.”

2.8 Part 2 of the SPG covers quality and design of housing developments. It contains standards that set out the minimum level of quality and design that new homes should meet. The standards and corresponding guidance that relate to daylight and sunlight in new housing are as follows:

Home as a place of retreat

“... Natural light is also vital to a sense of wellbeing in the home, and this may be restricted in densely developed parts of the city. The Mayor seeks to encourage the kind of housing that provides comfortable and enjoyable places of retreat and privacy. Factors to be considered include privacy, the importance of dual aspect development, noise mitigation, floor to ceiling heights, daylight and sunlight.”

Dual aspect

“Standard 29 - Developments should minimise the number of single aspect dwellings. Single aspect dwellings that are north facing, or exposed to noise levels above which significant adverse effects on health and quality of life occur, or which contain three or more bedrooms should be avoided.”

“Dual aspect dwellings with opening windows on at least two sides have many inherent benefits. These include better daylight, a greater chance of direct sunlight for longer periods, natural cross ventilation and a greater capacity to address overheating, mitigating pollution, offering a choice of views, access to a quiet side of the building, greater flexibility in the use of rooms, and more potential for future adaptability by altering the use of rooms. Where possible the provision of dual aspect dwellings should be maximised in a development proposal.”

“The design of single aspect flats will need to demonstrate that all habitable rooms and the kitchen are provided with adequate ventilation, privacy and daylight and the orientation enhances amenity, including views. North facing single aspect dwellings should be avoided wherever possible. However, in applying this standard consideration should also be given to other planning and design objectives for a site, for example the aim to maximise active frontages and minimise inactive frontages.”

“Good single aspect one and two bedroom homes are possible where limited numbers of rooms are required, the frontage is generous, the plan is shallow, the orientation and or outlook is favourable, and care is taken to mitigate the potential for overheating without the need for mechanical cooling. Single aspect dwellings may also be appropriate when being used to wrap podium level car parks or large retail units with active frontages.”

“In single aspect dwellings with more than two bedrooms it is difficult to achieve adequate natural ventilation and daylight to all rooms in an efficient plan layout which avoids long internal corridors. Single aspect dwellings containing three or more bedrooms should therefore be avoided. The design of single aspect ground floor dwellings will require particular consideration to maintain privacy and adequate levels of daylight.”

Daylight and sunlight

“Standard 32 - All homes should provide for direct sunlight to enter at least one habitable room for part of the day. Living areas and kitchen dining spaces should preferably receive direct sunlight.”

“Daylight enhances residents’ enjoyment of an interior and reduces the energy needed to provide light for everyday activities, while controlled sunlight can help to meet part of the winter heating requirement. Sunlight is particularly desirable in living areas and kitchen

dining spaces. The risk of overheating should be taken into account when designing for sunlight alongside the need to ensure appropriate levels of privacy. In addition to the above standards, BRE good practice guidelines and methodology can be used to assess the levels of daylight and sunlight achieved within new developments, taking into account guidance below and in Section 1.3.”

“Where direct sunlight cannot be achieved in line with Standard 32, developers should demonstrate how the daylight standards proposed within a scheme and individual units will achieve good amenity for residents. They should also demonstrate how the design has sought to optimise the amount of daylight and amenity available to residents, for example, through the design, colour and landscaping of surrounding buildings and spaces within a development.”

“BRE guidelines on assessing daylight and sunlight should be applied sensitively to higher density development in London, particularly in central and urban settings, recognising the London Plan’s strategic approach to optimise housing output (Policy 3.4) and the need to accommodate additional housing supply in locations with good accessibility suitable for higher density development (Policy 3.3). Quantitative standards on daylight and sunlight should not be applied rigidly, without carefully considering the location and context and standards experienced in broadly comparable housing typologies in London.”

Local Planning Policy and Guidance

National Planning Policy and Guidance

- 2.9 The National Planning Policy Framework (NPPF) sets out the Government’s planning policies and how these are expected to be applied. It provides a framework within which councils can produce their own local plans that reflect the needs and priorities of their communities.
- 2.10 The National Planning Policy Framework (2018) is now the key national planning policy relevant to the development and stipulates:
- 2.11 “when considering applications for housing, authorities should take a flexible approach in applying policies or guidance relating to daylight and sunlight, where they would otherwise inhibit making efficient use of a site.”
- 2.12 The Building Research Establishment, whose aims include achieving a higher quality built environment, publish BRE Report 209, Site Layout Planning for Daylight and Sunlight: A guide to good practice (second edition, 2011) by PJ Littlefair. This guide gives advice on site layout planning to achieve good daylighting and sunlighting in new buildings and to retain it in existing surrounding buildings.

The guide is intended for use by designers, consultants and planning officials and notes that "The advice given here is not mandatory and this document should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer."

Regional Planning Policy and Guidance

2.13 Mayor's London Plan

2.14 The London Plan – The Spatial Strategy for London Consolidated with Alterations since 2011' (March 2016) sets out the spatial development strategy for London. It forms part of the development plan for Greater London, along with local plans of the London boroughs. 'Minor Alterations to the London Plan' were published in 2015 and 2016.

2.15 Policy 3.5 (Quality and design of housing developments) states, "Housing developments should be of the highest quality internally, externally and in relation to their context and to the wider environment, taking account of strategic policies in this Plan to protect and enhance London's residential environment and attractiveness as a place to live."

2.16 Policy 7.6 (Architecture) states that "buildings and structures should ... provide high quality indoor and outdoor spaces and integrate well with the surrounding streets and open spaces".

The Draft London Plan (2018)

2.17 The August 2018 Draft New London Plan was published to include the Mayor's minor suggested changes. These suggested changes have been prepared following a review of consultation responses.

2.18 Policy D4 Housing quality and standards states:

"The design of development should provide sufficient daylight and sunlight to new housing that is appropriate for its context, whilst avoiding overheating, minimising overshadowing and maximising the usability of outside amenity space."

2.19 Policy D8 Tall Buildings states:

"The impacts of a tall building can be visual, functional or environmental. All the following impacts should be addressed within plan-making and in development proposals:

3.Environmental impact

Wind, daylight, sunlight penetration and temperature conditions around the building(s) and neighbourhood must be carefully considered and not compromise comfort and the enjoyment of open spaces, including water spaces, around the building....

3. METHOD OF ASSESSMENT AND NUMERICAL GUIDELINES

- 3.1 In this section, we set out the method of assessment for daylight and sunlight in accordance with both the 2011 BRE Guidelines and the 2022 BRE Guidelines. Whilst the 2011 Guidelines have now been superseded, an assessment in accordance with these guidelines is provided for ease so that the results can be considered in the context of the previous testing methodology which the Local Authority may be more familiar with.

Daylight within new development

- 3.2 Section 2.1 of the BRE guide makes recommendations concerning daylight in new buildings. At the site layout stage of the design process, when window positions and sizes are unknown, the potential for daylight may be checked at a series of reference points on each main face of the building. At each of these reference points the amount of available skylight falling on the vertical wall can be quantified as the vertical sky component (VSC).
- 3.3 Where window positions and sizes are known, it is more informative to calculate the interior daylighting inside the building.

BRE 2022 Guidance

- 3.4 The guidelines recommend two methodologies and state that either of these can be used to check daylight provision in new rooms within a development. The two methodologies are as follows:

Illuminance Method

- 3.5 The illuminance method involves using climatic data for the location of the site to calculate the illuminance from daylight at each point on an assessment grid on the reference plane at a minimum hourly interval for a typical year.
- 3.6 The UK National Annex provides minimum illuminance recommendations for daylight provision within UK dwellings as follows:
- Bedrooms: 100 lux
 - Living rooms: 150 lux
 - Kitchens: 200 lux
- 3.7 The above recommendations are based upon the median illuminances that should be achieved over at least 50% of the assessment grid for at least 50% of the daylight hours over the course of the calendar year.

- 3.8 The BRE Guidelines note that *“Where a room has a shared use, the highest target should apply. For example, in a bed sitting room in student accommodation, the value for a living room should be used if students would often spend time in their rooms during the day. Local authorities could use discretion here. For example, the target for a living room could be used for a combined living/dining/kitchen area if the kitchens are not treated as habitable spaces, as it may avoid small separate kitchens in a design”*.

Daylight Factor Method

- 3.9 As an alternative to the illuminance method, the BRE Guidelines 2022 recommend calculating daylight factors at each calculation point on the assessment grid. The daylight factor assessment uses an overcast sky model rather than climate-based data and does not take account of the potential for sunlight or the orientation of a particular room.
- 3.10 The BRE Guidelines provide equivalent daylight factor values to the lux values set out above for different locations. As the site is located in London, the equivalent target daylight factors for the nearest specified location (London Gatwick Airport) as follows:
- Bedrooms: 0.7%
 - Living rooms: 1.1%
 - Kitchens: 1.4%
- 3.11 The above recommendations are based upon the median daylight factors that should be achieved over at least 50% of the assessment grid.

BRE 2011 Guidance

- 3.12 Whilst the ADF assessment has now been superseded by the Illuminance and daylight factor methods set out above, we include it here for comparative analysis to show how the development would have been assessed against previous guidance standards which were in place for a decade.
- 3.13 BS8206 and BRE Report 209 recommend the following minimum values of ADF in housing:-
- 1% for bedrooms
 - 1.5% for living rooms
 - 2% for kitchens
- 3.14 BS8206-2: 2008 notes that *“Where one room serves more than one purpose, the minimum average daylight factor should be that for the room type with the highest value. For*

example, in a space which combines a living room and a kitchen the minimum average daylight factor should be 2%”.

- 3.15 There are a number of ways that the ADF can be calculated. We have followed the method described in Appendix C of the BRE guide, which uses the following equation:

$$ADF = \frac{TMA_w \theta}{A(1 - R^2)}$$

Equation 1 - ADF formula

where,

T is the diffuse visible light transmittance of the glazing;

M is the maintenance factor allowing for the effects of dirt;

A_w is the net glazed area of the window;

θ is the angle of visible sky;

A is the total area of all the room surfaces (ceilings, floors, walls and windows); and

R is the area-weighted average reflectance for the room surfaces.

- 3.16 The angle of visible sky (**θ**) at each window, shown in Figure 3 can be directly related to the VSC as described in Appendix C of the BRE guide. The values used in our assessment for the other parameters in the ADF formula are explained later in this report.

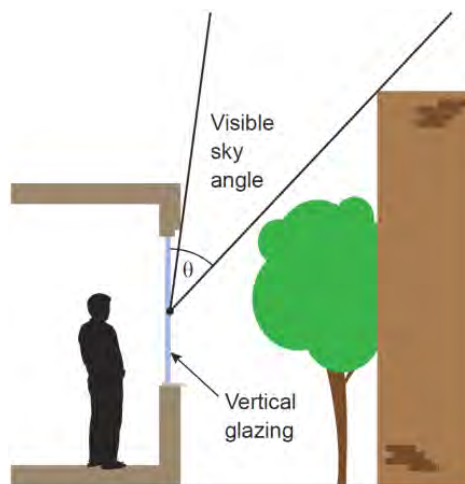


Figure 3 – Angle of visible sky, θ (Source: BRE209, 2011)

Sunlight within new development

BRE 2022 Guidance

- 3.17 Section 3.1 of the BRE Guidelines make recommendations concerning sunlight in new buildings. It advises that *“In housing, the main requirement for sunlight is in living rooms, where it is valued at any time of day but especially in the afternoon. Sunlight is also required in conservatories. It is viewed as less important in bedrooms and in kitchens, where people prefer it in the mornings rather than the afternoon.”*
- 3.18 The BRE Guidelines advise that site layout can be used to affect the duration of sunlight in buildings. It notes that *“A dwelling with no main window wall within 90° of due south is likely to be perceived as insufficiently sunlit. This is usually an issue only for flats. Sensitive layout design of flats will attempt to ensure that each individual dwelling has at least one main living room which can receive a reasonable amount of sunlight.”*
- 3.19 The BRE Guidelines note that *“The aim should be to minimise the number of dwellings whose living rooms face solely north, northeast or northwest, unless there is some corresponding factor such as an appealing view to the north.”* It also acknowledges that *“for larger developments of flats, especially those with constraints, it may not be possible to have every living room facing within 90° of due south”*.
- 3.20 The BRE Guidelines recommend an approach to measuring sunlight exposure (SE) setting out that internal spaces should be able to receive a minimum of 1.5 hours of direct sunlight on a selected date between 1st February and 21st March with cloudless conditions. The BRE recommend that the test date should be 21st March and that at least one habitable room, preferably a main living room, should achieve at least the minimum criterion. It further notes that 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.
- 3.21 The presence of balconies to provide private amenity within new developments does create challenges in relation to maximising sunlight potential as it limits the sky visibility from the centre point of the window. A flexible approach is therefore needed (particularly on large-scale developments where building heights tend to be greater and separation distances smaller) to strike a balance between the provision of balconies and achieving adequate levels of sunlight.
- 3.22 Whilst the BRE Guidelines intend to give good access to sunlight in a range of situations, it is noted that in some circumstances *“the designer or planning authority may wish to choose a different target value for hours of sunlight.”*
- 3.23 In summary the BRE Guidelines state that a dwelling will appear reasonably sunlit provided *“at least one main window wall faces within 90° of due south”* and *“a habitable room,*

preferably a main living room, can receive a total of at least 1.5 hours of sunlight on 21 March". Where groups of dwellings are planned, "site layout design should aim to maximise the number of dwellings with a main living room that meets the above recommendations".

BRE 2011 Guidance

- 3.24 Access to sunlight can be quantified: "BS8206 recommends that interiors where the occupants expect sunlight should receive at least one quarter (25%) of annual probable sunlight hours (APSH), including in the winter months between 21 September and 21 March at least 5% of APSH".
- 3.25 'Probable sunlight hours' means "the total amount of hours in the year that the sun is expected to shine on unobstructed ground, allowing for average levels of cloudiness for the location in question". The calculation uses a sunlight probability model that is based on sunlight statistics. The sunlight probability diagram is shown in Figure A.3 of BS8206-2:2008. There are 100 dots on the diagram, with each dot representing 1% of probable sunlight hours. The density of dots on the diagram is proportional to the probability of the sun shining from a particular area of sky.

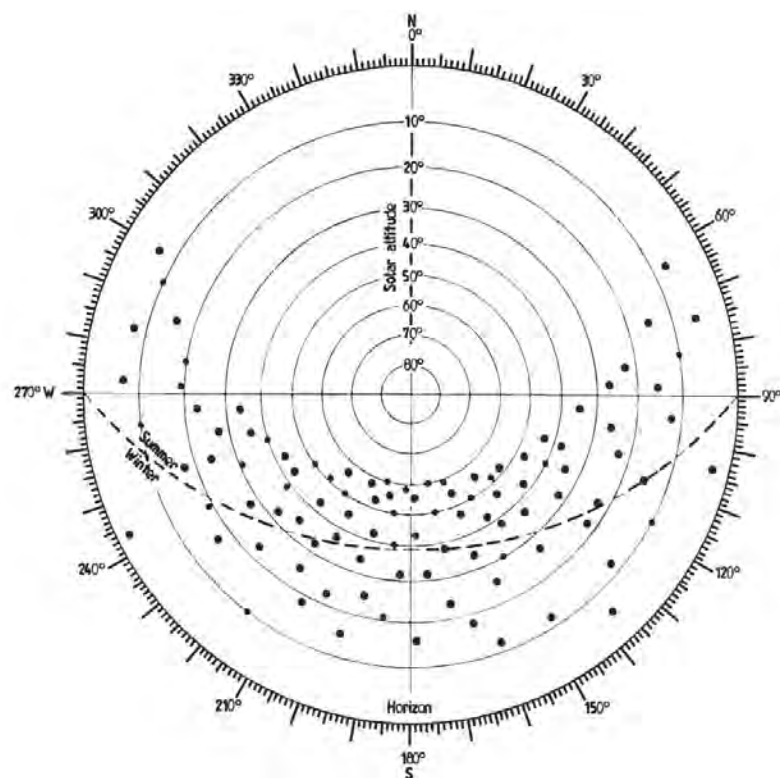


Figure 4 - Sunlight probability diagram (Source: BS8206-2:2008)

- 3.26 Where rooms are lit by more than one window it is sensible to consider the aggregate amount of sunlight reaching the room, though care should be taken to avoid double-counting. The BRE guide advises as follows: *“If a room has multiple windows on the same wall or adjacent walls, the highest value APSH should be taken. If a room has two windows on opposite walls, the APSH due to each can be added together.”* Our computer software accurately calculates the room-based aggregate APSH, which is a better indicator than individual results for each window.
- 3.27 Whilst the BRE guidelines may, in theory, be applied anywhere, APSH values of 25% annually and 5% in the winter months are often not possible in modern, dense, city-centre sites where it is necessary to fully optimise housing potential. Furthermore, whilst the criteria can be applied to rooms of all orientations, the guide notes that *“if a room faces significantly north of due east or west it is unlikely to be met”*.
- 3.28 BS8206 notes that *“The degree of satisfaction is related to the expectation of sunlight. If a room is necessarily north facing or if the building is in a densely-built urban area, the absence of sunlight is more acceptable than when its exclusion seems arbitrary. It is the duration of sunlight in an interior, rather than its intensity or the size of the sunny patch, which correlates best with the occupants’ satisfaction.”*
- 3.29 Whilst BS8206 is intended to give good access to sunlight in a range of situations, the BRE guide notes that in some circumstances *“the designer or planning authority may wish to choose a different target value for hours of sunlight.”*
- 3.30 In the summary the BRE guide states that a dwelling will appear reasonably sunlit provided that at least one main window wall faces within 90° of due south and the centre of at least one window to a main living room can receive 25% APSH, including at least 5% APSH in the winter months between 21 September and 21 March. Where groups of dwellings are planned, *“site layout should aim to maximise the number of dwellings with a main living room that meets the above recommendations”*.
- 3.31 In this section, we set out the method of assessment for daylight and sunlight in accordance with both the 2011 BRE Guidelines and the 2022 BRE Guidelines. Whilst the 2011 Guidelines have now been superseded, an assessment in accordance with these guidelines is provided for ease so that the results can be considered in the context of the previous testing methodology which the Local Authority may be more familiar with.

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each main face of the building. At each of these reference points the amount of available skylight falling on the vertical wall can be quantified as the vertical sky component (VSC).

- 3.33 Where window positions and sizes are known, it is more informative to calculate the interior daylighting inside the building.

BRE 2022 Guidance

- 3.34 The guidelines recommend two methodologies and state that either of these can be used to check daylight provision in new rooms within a development. The two methodologies are as follows:

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- 3.37 The above recommendations are based upon the median illuminances that should be achieved over at least 50% of the assessment grid for at least 50% of the daylight hours over the course of the calendar year.
- 3.38 The BRE Guidelines note that *“Where a room has a shared use, the highest target should apply. For example, in a bed sitting room in student accommodation, the value for a living room should be used if students would often spend time in their rooms during the day. Local authorities could use discretion here. For example, the target for a living room could be used for a combined living/dining/kitchen area if the kitchens are not treated as habitable spaces, as it may avoid small separate kitchens in a design”*.

Daylight Factor Method

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3.40 The BRE Guidelines provide equivalent daylight factor values to the lux values set out above for different locations. As the site is located in London, the equivalent target daylight factors for the nearest specified location (London Gatwick Airport) as follows:

- Bedrooms: 0.7%
- Living rooms: 1.1%
- Kitchens: 1.4%

3.41 The above recommendations are based upon the median daylight factors that should be achieved over at least 50% of the assessment grid.

BRE 2011 Guidance

3.42 Whilst the ADF assessment has now been superseded by the Illuminance and daylight factor methods set out above, we include it here for comparative analysis to show how the development would have been assessed against previous guidance standards which were in place for a decade.

3.43 BS8206 and BRE Report 209 recommend the following minimum values of ADF in housing:-

- 1% for bedrooms
- 1.5% for living rooms
- 2% for kitchens

3.44 BS8206-2: 2008 notes that “Where one room serves more than one purpose, the minimum average daylight factor should be that for the room type with the highest value. For example, in a space which combines a living room and a kitchen the minimum average daylight factor should be 2%”.

3.45 There are a number of ways that the ADF can be calculated. We have followed the method described in Appendix C of the BRE guide, which uses the following equation:

$$ADF = \frac{TMA_w \theta}{A(1 - R^2)}$$

Equation 2 - ADF formula

where,

T is the diffuse visible light transmittance of the glazing;

M is the maintenance factor allowing for the effects of dirt;

A_w is the net glazed area of the window;

θ is the angle of visible sky;

A is the total area of all the room surfaces (ceilings, floors, walls and windows); and

R is the area-weighted average reflectance for the room surfaces.

- 3.46 The angle of visible sky (θ) at each window, shown in Figure 3 can be directly related to the VSC as described in Appendix C of the BRE guide. The values used in our assessment for the other parameters in the ADF formula are explained later in this report.

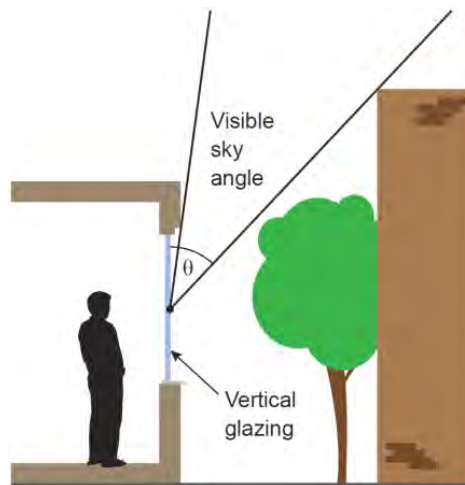


Figure 3 – Angle of visible sky, θ (Source: BRE209, 2011)

Sunlight within new development

BRE 2022 Guidance

- 3.47 Section 3.1 of the BRE Guidelines make recommendations concerning sunlight in new buildings. It advises that *“In housing, the main requirement for sunlight is in living rooms, where it is valued at any time of day but especially in the afternoon. Sunlight is also required in conservatories. It is viewed as less important in bedrooms and in kitchens, where people prefer it in the mornings rather than the afternoon.”*
- 3.48 The BRE Guidelines advise that site layout can be used to affect the duration of sunlight in buildings. It notes that *“A dwelling with no main window wall within 90° of due south is likely to be perceived as insufficiently sunlit. This is usually an issue only for flats. Sensitive layout design of flats will attempt to ensure that each individual dwelling has at least one main living room which can receive a reasonable amount of sunlight.”*
- 3.49 The BRE Guidelines note that *“The aim should be to minimise the number of dwellings whose living rooms face solely north, northeast or northwest, unless there is some corresponding factor such as an appealing view to the north.”* It also acknowledges that *“for larger developments of flats, especially those with constraints, it may not be possible to have every living room facing within 90° of due south”*.
- 3.50 The BRE Guidelines recommend an approach to measuring sunlight exposure (SE) setting out that internal spaces should be able to receive a minimum of 1.5 hours of direct sunlight on a selected date between 1st February and 21st March with cloudless conditions. The BRE recommend that the test date should be 21st March and that at least one habitable room, preferably a main living room, should achieve at least the minimum criterion. It further notes that 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.
- 3.51 The presence of balconies to provide private amenity within new developments does create challenges in relation to maximising sunlight potential as it limits the sky visibility from the centre point of the window. A flexible approach is therefore needed (particularly on large-scale developments where building heights tend to be greater and separation distances smaller) to strike a balance between the provision of balconies and achieving adequate levels of sunlight.
- 3.52 Whilst the BRE Guidelines intend to give good access to sunlight in a range of situations, it is noted that in some circumstances *“the designer or planning authority may wish to choose a different target value for hours of sunlight.”*
- 3.53 In summary the BRE Guidelines state that a dwelling will appear reasonably sunlit provided *“at least one main window wall faces within 90° of due south”* and *“a habitable room,*

preferably a main living room, can receive a total of at least 1.5 hours of sunlight on 21 March". Where groups of dwellings are planned, "site layout design should aim to maximise the number of dwellings with a main living room that meets the above recommendations".

BRE 2011 Guidance

- 3.54 Access to sunlight can be quantified: "BS8206 recommends that interiors where the occupants expect sunlight should receive at least one quarter (25%) of annual probable sunlight hours (APSH), including in the winter months between 21 September and 21 March at least 5% of APSH".
- 3.55 'Probable sunlight hours' means "the total amount of hours in the year that the sun is expected to shine on unobstructed ground, allowing for average levels of cloudiness for the location in question". The calculation uses a sunlight probability model that is based on sunlight statistics. The sunlight probability diagram is shown in Figure A.3 of BS8206-2:2008. There are 100 dots on the diagram, with each dot representing 1% of probable sunlight hours. The density of dots on the diagram is proportional to the probability of the sun shining from a particular area of sky.

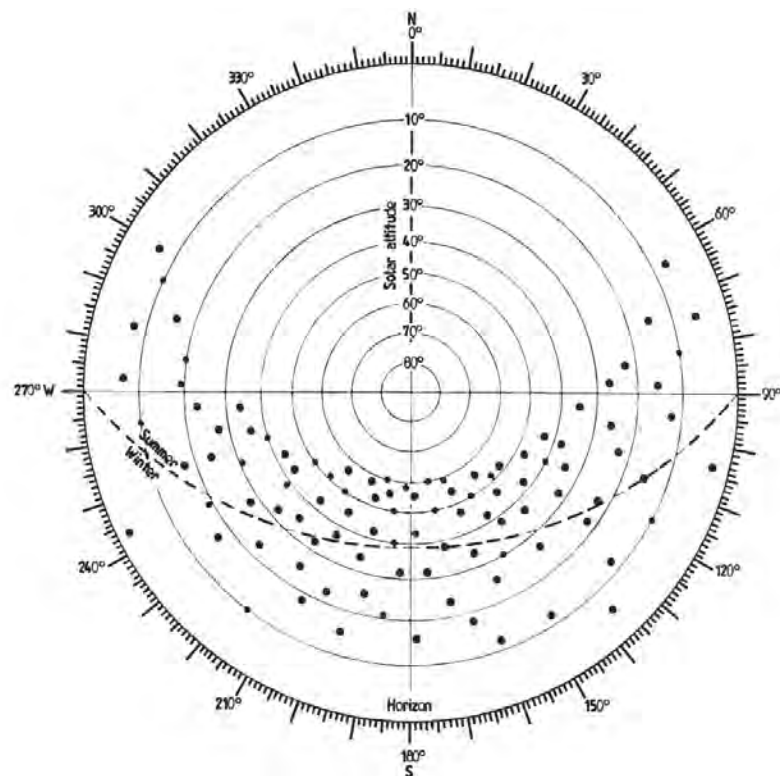


Figure 4 - Sunlight probability diagram (Source: BS8206-2:2008)

- 3.56 Where rooms are lit by more than one window it is sensible to consider the aggregate amount of sunlight reaching the room, though care should be taken to avoid double-counting. The BRE guide advises as follows: *“If a room has multiple windows on the same wall or adjacent walls, the highest value APSH should be taken. If a room has two windows on opposite walls, the APSH due to each can be added together.”* Our computer software accurately calculates the room-based aggregate APSH, which is a better indicator than individual results for each window.
- 3.57 Whilst the BRE guidelines may, in theory, be applied anywhere, APSH values of 25% annually and 5% in the winter months are often not possible in modern, dense, city-centre sites where it is necessary to fully optimise housing potential. Furthermore, whilst the criteria can be applied to rooms of all orientations, the guide notes that *“if a room faces significantly north of due east or west it is unlikely to be met”*.
- 3.58 BS8206 notes that *“The degree of satisfaction is related to the expectation of sunlight. If a room is necessarily north facing or if the building is in a densely-built urban area, the absence of sunlight is more acceptable than when its exclusion seems arbitrary. It is the duration of sunlight in an interior, rather than its intensity or the size of the sunny patch, which correlates best with the occupants’ satisfaction.”*
- 3.59 Whilst BS8206 is intended to give good access to sunlight in a range of situations, the BRE guide notes that in some circumstances *“the designer or planning authority may wish to choose a different target value for hours of sunlight.”*
- 3.60 In the summary the BRE guide states that a dwelling will appear reasonably sunlit provided that at least one main window wall faces within 90° of due south and the centre of at least one window to a main living room can receive 25% APSH, including at least 5% APSH in the winter months between 21 September and 21 March. Where groups of dwellings are planned, *“site layout should aim to maximise the number of dwellings with a main living room that meets the above recommendations”*.

4. APPLICATION OF THE BRE GUIDELINES

- 4.1 In its introduction BRE Report 209 states its *“main aim is ... to help ensure good conditions in the local environment considered broadly, with enough sunlight and daylight on or between the buildings for good interior and exterior conditions”*.
- 4.2 The guide notes that it *“is intended for building designers and their clients, consultants and planning officials. The advice given here is not mandatory and the guide should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design.”*
- 4.3 Clearly, the BRE guide is an advisory document, not a rigid set of rules. Care must therefore be taken when applying its recommendations.
- 4.4 In theory the BRE report’s numerical guidelines may be applied to any setting, whether that is a city centre, suburban area or rural village. However, it notes, *“In special circumstances the developer or planning authority may wish to use different target values. For example, in a historic city centre, or in an area with modern high rise buildings, a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings.”*
- 4.5 Furthermore, as noted at paragraph 2.7 above, the Mayor of London’s *Housing Supplementary Planning Guidance* emphasises that fully optimising housing potential on large sites may necessitate departure from conventional guidelines and the adoption of alternative target values.
- 4.6 Clearly, rigid application of the BRE Report’s standard numerical guidelines may be inappropriate in a built-up urban environment where higher density affordable development may be desirable and where there simply cannot be the same expectation of light as in a suburban or rural context.

5. INFORMATION USED IN THE TECHNICAL STUDY

5.1 We undertook our technical study using a 3D computer model of the proposed scheme and its surrounding buildings, which we built from the following information:

- Proposed scheme:
 - o Sheppard Robson Architect's 3D model of the detailed scheme received on 07/07/2023.
- Consented buildings:
 - o Panter Hudspith Architect's drawings and 3D model
- Surrounding buildings:
 - o 3D model of the immediately surrounding buildings based on Zmapping 3D photogrammetric model of the area
 - o OS map
 - o Aerial photography from Google

5.2 The computer model is illustrated on the drawings at Appendix A.

5.3 In calculating the daylight availability to the proposed habitable rooms, the following values were applied:

- Diffuse glass transmission: 0.68 for clear double glazing with a low emissivity coating;
- Maintenance factor for dirt on glass: 0.92 (i.e. 8% loss) for vertical glazing;
- Window aperture area: measured from 3D computer model multiplied by 0.6 for the frame correction factor;
- Surface reflectance's of each room based on the following surface finishes and reflectances:
 - o Ceilings: white 0.80
 - o Walls: pale cream 0.80
 - o Floors: light wood flooring 0.4

6. RESULTS OF TECHNICAL STUDY

- 6.1 We tested a representative selection of habitable rooms with a reasonable horizontal and vertical spread throughout each Block within the Proposed Development, across all floor levels. We included all south facing living rooms within the sample for assessment.
- 6.2 In all we tested 542 rooms across all three blocks; 242 rooms being in Block H1 and 300 in Blocks H2 & H3. Where windows are set back beneath balconies serving the floor above, we have included the obstructing effect of the balcony within our model.
- 6.3 The rooms tested are shown outlined on our drawing nos. ROL7465_R53_V02_601_01-25 and ROL7465_R53_V02_602_01-19 at Appendix D. The drawings give the use of each room and the room and window references used in our detailed tables of results.

Daylight within new development

- 6.4 The daylight availability within the proposed habitable rooms has been calculated in accordance with the illuminance method and the ADF method.
- 6.5 While it is recognised that the ADF method has been superseded since the release of the third edition of the BRE Guidelines in June 2022, it has been used to judge the acceptability of the Consented Blocks and should therefore be considered when judging the acceptability of the Proposed Development, particularly since the wider outline development has been designed based on those principles.
- 6.6 The illuminance results for the proposed habitable rooms tested are shown in the table at Appendix B (along with the relevant target for the room use concerned) and on the room layout drawings at Appendix F. The ADF results for the proposed habitable rooms tested are shown in the table at Appendix C (along with the relevant target for the room use concerned) and on the room layout drawings at Appendix G.
- 6.7 Of the 542 rooms tested across all blocks, 70% (378) meet the guideline values for target illuminance for the rooms described use (179 rooms in Block H1 and 199 in Blocks H2 & H3). Using the ADF method 75% (408) rooms meet the guideline values (219 in Block H1 and 199 in Blocks H2 & H3).
- 6.8 These results are akin to those presented in our October 2017 report, which analysed these blocks as part of the consented outline scheme and indicated that 308 of the 400 rooms tested (77%) would achieve or exceed the recommended ADF targets in accordance with the BRE guidelines.
- 6.9 In terms of the Consented Blocks, it should be borne in mind that the respective blocks achieved the following adherence rates for ADF:

(a) the Block D1-D2 Report: 82%

(b) the D3-D4 Block Report: 79%

(c) the E Block Report: 76%

- 6.10 Similar to the results in the Consented Blocks, the majority of rooms which fall short of the guideline values do so as a result of the presence of balconies that sit above the window which serves them; as such it is there often a trade-off between external amenity space and direct skylight in dense urban regenerations; the resulting figures are not unusual in this type of development, and have been considered acceptable in similar scale regenerations.
- 6.11 Overall, the Proposed Development is considered to carry a reasonable level of compliance with BRE Guidance and, which is broadly similar to the Consented Blocks, and can therefore considered acceptable on balance.

Sunlight within new development

- 6.12 The focus of the BRE sunlight guidelines is on main living rooms, rather than bedrooms and kitchens, which the guide views as less important. The guide recommends that *“Sensitive layout design of flats will attempt to ensure that each individual dwelling has at least one main living room which can receive a reasonable amount of sunlight ... Where possible, living rooms should face the southern or western parts of the sky and kitchens towards the north or east.”*
- 6.13 The guidelines acknowledge that *“if a room faces significantly north of due east or west [the sunlight criterion] is unlikely to be met”*.
- 6.14 We tested a total of 297 main living rooms (including rooms containing the main living area, such as a living/kitchen/dining room or a studio).
- 6.15 The sunlight results for the rooms tested are given in the table at Appendix C. As advised by the BRE Guidelines, these are room-based aggregate figures taking account of sunlight available to all windows, where they are served by more than one.
- 6.16 The results confirm that 57% (169) of the 297 south facing rooms assessed achieve the guidelines for SE. Of these rooms, 100 achieve the BREs high rating and 14 achieve the medium rating, 55 achieve the minimum rating.

7. SUMMARY AND CONCLUSION

- 7.1 The BRE Report 209, Site Layout Planning for Daylight and Sunlight: A guide to good practice provides useful guidance on the subject. Although the BRE Guide gives numerical guidelines, these are intended to be applied flexibly since natural lighting is only one of many factors in site layout design. Where higher density development is desirable there simply cannot be the same expectation of light as in a suburban or rural context. Furthermore, the Mayor of London's Draft Interim Housing Supplementary Planning Guidance emphasises that fully optimising housing potential may necessitate departure from conventional guidelines whilst still achieving satisfactory levels of residential amenity.
- 7.2 Haringey Council's planning policy seeks to provide good living conditions for residents of new housing developments, including the provision of adequate daylight and sunlight within dwellings.
- 7.3 We have assessed a representative sample for the daylight and sunlight levels within the proposed Blocks H1, H2 and H3. The daylight assessment has demonstrated that 75% of the rooms tested meet or exceed the ADF methodology, which is a consistent basis for analysis since it was used throughout the lifecycle of the Clarendon Gas Works site. The Illuminance results show an overall compliance of 70%, which is still reasonable within dense urban redevelopments. The sunlight assessment demonstrated that of the south facing rooms, 57% would meet the recommendations in the BRE Guidelines for sunlight availability.
- 7.4 The daylight and sunlight results should be read in tandem and considered alongside the results achieved by the Consented Blocks. In terms of daylight, both this assessment of blocks H1-H3, and the assessment of the Consented Blocks indicate that the rooms achieve good levels of adherence to the BRE Guidelines. In terms of sunlight a number of rooms fall short of the guideline values, however this is not uncommon within dense urban developments and based on the natural orientation of the Site.
- 7.5 Furthermore, the provision of balconies should be taken into account as there is a necessary trade-off with daylight and sunlight, as it should be borne in mind that the benefit of a private amenity area in the form of a balcony outweighs the daylight and sunlight availability.
- 7.6 On balance, the level of adherence demonstrates reasonable levels of daylight and sunlight are achieved. For daylight, the ADF adherence rates are akin to those achieved by both the consented outline scheme and the previously consented detailed blocks. In our opinion the daylight/sunlight availability aligns with findings that the planners previously considered acceptable in the context of the relevant planning policies.

A handwritten signature in black ink, reading 'Anstey Horne'. The script is cursive and fluid, with the first letters of 'Anstey' and 'Horne' being capitalized and prominent.

ANSTEY HORNE

31 August 2023

APPENDIX A

-

PLAN AND 3D VIEWS OF THE COMPUTER MODEL

DRAWING NOS. ROL7465_V02_004 TO 006



 Existing
 Consented

 Proposed
 Cutback

12120
 ▼ AOD Height (mm)

EXISTING, SURROUNDING & ANALYSED BUILDINGS
Z-MAPPING 3D MODEL
Received on 18/04/2016

Site and aerial photos.

PROPOSED BUILDINGS

SHEPPARD ROBSON ARCHITECTS' 3D MODEL
Received on 07/07/23

CONSENTED BUILDINGS

PANTER HUDSPITH ARCHITECTS' DRAWINGS & 3D MODE



PROJECT INFORMATION

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Do not scale from this drawing.

CLIENT: ST WILLIAM LLP

PROJECT CLARENDON ROAD
TITLE: HORNSEY, LONDON N8
PHASE 4, H1 H2 H3

SCHEME REF: SCHEME RECEIVED: 07/07/23

DRAWING TITLE: SITE PLAN VIEW
PROPOSED SCHEME

MODELLED BY: / DRAWN BY: AW/LG/AK/AH/EY	DATE: 12/07/23	SCALE: 1:1000	A3
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PROJECT No:	RELEASE No:	VERSION No:	DRAWING No:
ROL7465_R53_V02			004

Site Plan

SITE PLAN VIEW



 Existing
 Consented

 Proposed
 Cutback

3D Massing Model

3D MASSING VIEW

APPENDIX B

-

DAYLIGHT ILLUMINANCE TABLE

Project Name: ROL7465_R53_V02 Project No.: CLARENDON ROAD Report Title: SDA BS En17037 Analysis - Proposed Scheme Date of Analysis: 12/07/23								Criteria			
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Area Meeting Req Lux	% of Area Meeting Req Lux	Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours
H1											
2nd Floor	R1	Residential	LKD	23.47	16.55	14.30	86%	200	50%	50%	4380
	R2	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R3	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
	R7	Residential	Studio	29.83	22.22	0.00	0%	200	50%	50%	4380
	R10	Residential	LKD	26.60	20.74	0.00	0%	200	50%	50%	4380
	R11	Residential	Bedroom	10.24	6.72	0.61	9%	100	50%	50%	4380
	R12	Residential	Bedroom	12.23	7.97	0.23	3%	100	50%	50%	4380
	R15	Residential	LKD	26.67	20.81	0.00	0%	200	50%	50%	4380
	R16	Residential	LKD	24.08	17.18	0.00	0%	200	50%	50%	4380
	R17	Residential	Bedroom	11.31	7.39	0.00	0%	100	50%	50%	4380
	R18	Residential	Studio	30.25	22.43	0.00	0%	200	50%	50%	4380
3rd Floor	R1	Residential	LKD	23.47	16.55	14.90	90%	200	50%	50%	4380
	R4	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
	R5	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R6	Residential	LKD	23.48	16.55	13.33	81%	200	50%	50%	4380
	R8	Residential	Bedroom	11.31	7.39	0.00	0%	100	50%	50%	4380
	R9	Residential	LKD	24.08	17.17	0.00	0%	200	50%	50%	4380
	R10	Residential	LKD	26.60	20.74	0.44	2%	200	50%	50%	4380
	R13	Residential	Bedroom	12.33	8.04	0.55	7%	100	50%	50%	4380
	R14	Residential	Bedroom	10.38	6.83	0.85	12%	100	50%	50%	4380
	R15	Residential	LKD	26.67	20.81	0.00	0%	200	50%	50%	4380
	R16	Residential	LKD	24.08	17.18	0.00	0%	200	50%	50%	4380
	R18	Residential	Studio	30.25	22.43	0.00	0%	200	50%	50%	4380
4th Floor	R1	Residential	LKD	23.47	16.55	15.51	94%	200	50%	50%	4380
	R2	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R3	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
	R7	Residential	Studio	29.83	22.22	0.00	0%	200	50%	50%	4380
	R10	Residential	LKD	26.60	20.74	1.05	5%	200	50%	50%	4380
	R11	Residential	Bedroom	10.24	6.72	1.83	27%	100	50%	50%	4380
	R12	Residential	Bedroom	12.23	7.97	1.17	15%	100	50%	50%	4380
	R15	Residential	LKD	26.67	20.81	1.05	5%	200	50%	50%	4380
	R16	Residential	LKD	24.08	17.18	0.00	0%	200	50%	50%	4380
	R17	Residential	Bedroom	11.31	7.39	0.00	0%	100	50%	50%	4380
	R18	Residential	Studio	30.25	22.43	0.17	1%	200	50%	50%	4380
5th Floor	R1	Residential	LKD	23.47	16.55	16.37	99%	200	50%	50%	4380
	R4	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
	R5	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R6	Residential	LKD	23.48	16.55	14.90	90%	200	50%	50%	4380
	R8	Residential	Bedroom	11.31	7.39	0.00	0%	100	50%	50%	4380
	R9	Residential	LKD	24.08	17.17	0.00	0%	200	50%	50%	4380
	R10	Residential	LKD	26.60	20.74	2.00	10%	200	50%	50%	4380
	R13	Residential	Bedroom	12.33	8.04	1.89	23%	100	50%	50%	4380
	R14	Residential	Bedroom	10.38	6.83	2.56	38%	100	50%	50%	4380
	R15	Residential	LKD	26.67	20.81	2.62	13%	200	50%	50%	4380
	R16	Residential	LKD	24.08	17.18	0.31	2%	200	50%	50%	4380
	R18	Residential	Studio	30.25	22.43	0.55	2%	200	50%	50%	4380
6th Floor	R1	Residential	LKD	23.47	16.55	16.46	99%	200	50%	50%	4380
	R2	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R3	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
	R7	Residential	Studio	29.83	22.22	0.00	0%	200	50%	50%	4380
	R10	Residential	LKD	26.60	20.74	3.05	15%	200	50%	50%	4380
	R11	Residential	Bedroom	10.24	6.72	3.82	57%	100	50%	50%	4380
	R12	Residential	Bedroom	12.23	7.97	2.75	35%	100	50%	50%	4380
	R15	Residential	LKD	26.67	20.81	5.60	27%	200	50%	50%	4380
	R16	Residential	LKD	24.08	17.18	0.72	4%	200	50%	50%	4380
	R17	Residential	Bedroom	11.31	7.39	0.52	7%	100	50%	50%	4380
	R18	Residential	Studio	30.25	22.43	1.16	5%	200	50%	50%	4380
7th Floor	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R4	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
	R5	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R6	Residential	LKD	23.48	16.55	15.60	94%	200	50%	50%	4380
	R8	Residential	Bedroom	11.31	7.39	0.00	0%	100	50%	50%	4380
	R9	Residential	LKD	24.08	17.17	0.00	0%	200	50%	50%	4380
	R10	Residential	LKD	26.60	20.74	4.71	23%	200	50%	50%	4380
	R13	Residential	Bedroom	12.33	8.04	3.22	40%	100	50%	50%	4380
	R14	Residential	Bedroom	10.38	6.83	5.59	82%	100	50%	50%	4380
	R15	Residential	LKD	26.67	20.81	9.62	46%	200	50%	50%	4380
	R16	Residential	LKD	24.08	17.18	1.30	8%	200	50%	50%	4380
	R18	Residential	Studio	30.25	22.43	2.69	12%	200	50%	50%	4380
8th Floor	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R2	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R3	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
	R7	Residential	Studio	29.83	22.22	0.00	0%	200	50%	50%	4380
	R10	Residential	LKD	26.60	20.74	6.36	31%	200	50%	50%	4380
	R11	Residential	Bedroom	10.24	6.72	6.64	99%	100	50%	50%	4380
	R12	Residential	Bedroom	12.23	7.97	4.73	59%	100	50%	50%	4380
	R15	Residential	LKD	26.67	20.81	12.85	62%	200	50%	50%	4380
	R16	Residential	LKD	24.08	17.18	2.29	13%	200	50%	50%	4380
	R17	Residential	Bedroom	11.31	7.39	2.00	27%	100	50%	50%	4380
	R18	Residential	Studio	30.25	22.43	5.00	22%	200	50%	50%	4380
9th Floor	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R4	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
	R5	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R6	Residential	LKD	23.48	16.55	15.95	96%	200	50%	50%	4380
	R8	Residential	Bedroom	11.31	7.39	0.35	5%	100	50%	50%	4380

Project Name: ROL7465_R53_V02 Project No.: CLARENDON ROAD Report Title: SDA BS En17037 Analysis - Proposed Scheme Date of Analysis: 12/07/23								Criteria			
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Area Meeting Req Lux	% of Area Meeting Req Lux	Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours
	R9	Residential	LKD	24.08	17.17	0.42	2%	200	50%	50%	4380
	R10	Residential	LKD	26.60	20.74	7.50	36%	200	50%	50%	4380
	R13	Residential	Bedroom	12.33	8.04	5.19	65%	100	50%	50%	4380
	R14	Residential	Bedroom	10.38	6.83	6.75	99%	100	50%	50%	4380
	R15	Residential	LKD	26.67	20.81	17.40	84%	200	50%	50%	4380
	R16	Residential	LKD	24.08	17.18	3.74	22%	200	50%	50%	4380
	R18	Residential	Studio	30.25	22.43	8.17	36%	200	50%	50%	4380
10th Floor	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R2	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R3	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
	R7	Residential	Studio	29.83	22.22	0.55	2%	200	50%	50%	4380
	R9	Residential	LKD	27.17	19.73	3.52	18%	200	50%	50%	4380
	R10	Residential	LKD	26.71	19.47	13.40	69%	200	50%	50%	4380
	R11	Residential	Bedroom	10.85	7.22	5.38	75%	100	50%	50%	4380
11th Floor	R12	Residential	Studio	30.25	22.43	11.34	51%	200	50%	50%	4380
	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R4	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
	R5	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R6	Residential	LKD	23.48	16.55	16.46	99%	200	50%	50%	4380
	R8	Residential	Bedroom	11.30	7.29	0.94	13%	100	50%	50%	4380
	R9	Residential	Bedroom	8.02	4.98	3.66	73%	100	50%	50%	4380
12th Floor	R10	Residential	LKD	26.36	19.35	18.83	97%	200	50%	50%	4380
	R11	Residential	LKD	26.59	19.03	18.90	99%	200	50%	50%	4380
	R14	Residential	Studio	29.83	22.22	13.68	62%	200	50%	50%	4380
	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R2	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R3	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
	R7	Residential	Studio	29.83	22.22	0.82	4%	200	50%	50%	4380
13th Floor	R10	Residential	LKD	26.34	19.33	18.89	98%	200	50%	50%	4380
	R11	Residential	LKD	26.57	19.02	18.93	100%	200	50%	50%	4380
	R12	Residential	Bedroom	8.02	4.98	4.98	100%	100	50%	50%	4380
	R13	Residential	Bedroom	12.92	8.73	8.73	100%	100	50%	50%	4380
	R14	Residential	Studio	29.83	22.22	16.52	74%	200	50%	50%	4380
	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R4	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
14th Floor	R5	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R6	Residential	LKD	23.48	16.55	16.55	100%	200	50%	50%	4380
	R8	Residential	Bedroom	11.30	7.29	2.00	27%	100	50%	50%	4380
	R9	Residential	Bedroom	8.02	4.98	4.98	100%	100	50%	50%	4380
	R10	Residential	LKD	26.34	19.33	19.16	99%	200	50%	50%	4380
	R11	Residential	LKD	26.57	19.02	19.02	100%	200	50%	50%	4380
	R14	Residential	Studio	29.83	22.22	18.67	84%	200	50%	50%	4380
15th Floor	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R2	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R3	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
	R7	Residential	Studio	29.83	22.22	3.15	14%	200	50%	50%	4380
	R10	Residential	LKD	26.34	19.33	19.25	100%	200	50%	50%	4380
	R11	Residential	LKD	26.57	19.02	19.02	100%	200	50%	50%	4380
	R12	Residential	Bedroom	8.02	4.98	4.98	100%	100	50%	50%	4380
16th Floor	R13	Residential	Bedroom	12.92	8.73	8.73	100%	100	50%	50%	4380
	R14	Residential	Studio	29.83	22.22	18.58	84%	200	50%	50%	4380
	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R4	Residential	Bedroom	11.98	8.02	8.02	100%	100	50%	50%	4380
	R5	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R6	Residential	LKD	23.48	16.55	16.55	100%	200	50%	50%	4380
	R8	Residential	Bedroom	11.30	7.29	4.46	61%	100	50%	50%	4380
17th Floor	R9	Residential	Bedroom	8.02	4.98	4.98	100%	100	50%	50%	4380
	R10	Residential	LKD	26.34	19.33	19.33	100%	200	50%	50%	4380
	R11	Residential	LKD	26.57	19.02	19.02	100%	200	50%	50%	4380
	R14	Residential	Studio	29.83	22.22	20.30	91%	200	50%	50%	4380
	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R2	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R3	Residential	Bedroom	11.78	7.92	7.92	100%	100	50%	50%	4380
18th Floor	R7	Residential	Studio	29.83	22.22	14.98	67%	200	50%	50%	4380
	R10	Residential	LKD	26.34	19.33	19.33	100%	200	50%	50%	4380
	R11	Residential	LKD	26.57	19.02	19.02	100%	200	50%	50%	4380
	R12	Residential	Bedroom	8.02	4.98	4.98	100%	100	50%	50%	4380
	R13	Residential	Bedroom	12.89	8.72	8.72	100%	100	50%	50%	4380
	R14	Residential	Studio	29.83	22.22	19.95	90%	200	50%	50%	4380
	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
19th Floor	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380

Project Name: ROL7465_R53_V02 Project No.: CLARENDON ROAD Report Title: SDA BS En17037 Analysis - Proposed Scheme Date of Analysis: 12/07/23								Criteria			
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Area Meeting Req Lux	% of Area Meeting Req Lux	Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours
	R4	Residential	Bedroom	11.79	7.92	7.92	100%	100	50%	50%	4380
	R5	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R6	Residential	LKD	23.48	16.55	16.55	100%	200	50%	50%	4380
	R8	Residential	Bedroom	11.15	7.23	7.08	98%	100	50%	50%	4380
	R9	Residential	Bedroom	8.02	4.98	4.98	100%	100	50%	50%	4380
	R10	Residential	LKD	26.34	19.33	19.33	100%	200	50%	50%	4380
	R11	Residential	LKD	26.57	19.02	19.02	100%	200	50%	50%	4380
	R14	Residential	Studio	29.83	22.22	20.72	93%	200	50%	50%	4380
20th Floor	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R2	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R3	Residential	Bedroom	11.78	7.92	7.92	100%	100	50%	50%	4380
	R7	Residential	Studio	29.83	22.22	17.08	77%	200	50%	50%	4380
	R10	Residential	LKD	26.34	19.33	19.33	100%	200	50%	50%	4380
	R11	Residential	LKD	26.57	19.02	19.02	100%	200	50%	50%	4380
	R12	Residential	Bedroom	8.02	4.98	4.98	100%	100	50%	50%	4380
	R13	Residential	Bedroom	12.89	8.72	8.72	100%	100	50%	50%	4380
21st Floor	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R4	Residential	Bedroom	11.79	7.92	7.92	100%	100	50%	50%	4380
	R5	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R6	Residential	LKD	23.48	16.55	16.55	100%	200	50%	50%	4380
	R8	Residential	Bedroom	11.15	7.23	7.23	100%	100	50%	50%	4380
	R9	Residential	Bedroom	8.02	4.98	4.98	100%	100	50%	50%	4380
	R10	Residential	LKD	26.34	19.33	19.33	100%	200	50%	50%	4380
	R11	Residential	LKD	26.57	19.02	19.02	100%	200	50%	50%	4380
22nd Floor	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R2	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R3	Residential	Bedroom	11.78	7.92	7.92	100%	100	50%	50%	4380
	R7	Residential	Studio	29.83	22.22	17.42	78%	200	50%	50%	4380
	R10	Residential	LKD	26.34	19.33	19.33	100%	200	50%	50%	4380
	R11	Residential	LKD	26.57	19.02	19.02	100%	200	50%	50%	4380
	R12	Residential	Bedroom	8.02	4.98	4.98	100%	100	50%	50%	4380
	R13	Residential	Bedroom	12.89	8.72	8.72	100%	100	50%	50%	4380
23rd Floor	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R4	Residential	Bedroom	11.79	7.92	7.92	100%	100	50%	50%	4380
	R5	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R6	Residential	LKD	23.48	16.55	16.55	100%	200	50%	50%	4380
	R8	Residential	Bedroom	11.15	7.23	7.23	100%	100	50%	50%	4380
	R9	Residential	Bedroom	8.02	4.98	4.98	100%	100	50%	50%	4380
	R10	Residential	LKD	26.34	19.33	19.33	100%	200	50%	50%	4380
	R11	Residential	LKD	26.57	19.02	19.02	100%	200	50%	50%	4380
24th Floor	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R2	Residential	Bedroom	8.00	4.93	4.93	100%	100	50%	50%	4380
	R3	Residential	Bedroom	11.78	7.92	7.92	100%	100	50%	50%	4380
	R7	Residential	Studio	29.83	22.22	17.98	81%	200	50%	50%	4380
	R10	Residential	LKD	26.34	19.33	19.33	100%	200	50%	50%	4380
	R11	Residential	LKD	26.57	19.02	19.02	100%	200	50%	50%	4380
	R12	Residential	Bedroom	8.02	4.98	4.98	100%	100	50%	50%	4380
	R13	Residential	Bedroom	12.89	8.72	8.72	100%	100	50%	50%	4380
25th Floor	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R2	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R6	Residential	Bedroom	11.00	7.31	7.31	100%	100	50%	50%	4380
	R7	Residential	Bedroom	7.96	4.93	4.93	100%	100	50%	50%	4380
	R8	Residential	LKD	30.61	22.31	22.31	100%	200	50%	50%	4380
	R9	Residential	LKD	30.48	22.14	22.14	100%	200	50%	50%	4380
	R12	Residential	Bedroom	10.19	6.51	6.51	100%	100	50%	50%	4380
	R13	Residential	Bedroom	10.07	6.54	6.54	100%	100	50%	50%	4380
26th Floor	R1	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R2	Residential	LKD	23.47	16.55	16.55	100%	200	50%	50%	4380
	R6	Residential	Bedroom	11.00	7.31	7.31	100%	100	50%	50%	4380
	R7	Residential	Bedroom	7.96	4.93	4.93	100%	100	50%	50%	4380
	R8	Residential	LKD	30.61	22.31	22.31	100%	200	50%	50%	4380
	R9	Residential	LKD	30.48	22.14	22.14	100%	200	50%	50%	4380
	R12	Residential	Bedroom	10.19	6.51	6.51	100%	100	50%	50%	4380
	R13	Residential	Bedroom	10.07	6.54	6.54	100%	100	50%	50%	4380
H2 & H3											
1st Floor	R1	Residential	Bedroom	13.76	9.16	9.16	100%	100	50%	50%	4380
	R2	Residential	LKD	24.54	18.86	7.68	41%	200	50%	50%	4380
2nd Floor	R1	Residential	LKD	25.45	19.20	19.01	99%	200	50%	50%	4380
	R2	Residential	Studio	28.24	20.56	17.34	84%	200	50%	50%	4380
	R6	Residential	Bedroom	11.53	7.61	7.61	100%	100	50%	50%	4380
	R7	Residential	Bedroom	10.80	6.86	6.86	100%	100	50%	50%	4380
	R8	Residential	LKD	20.74	15.14	4.27	28%	200	50%	50%	4380
	R9	Residential	Bedroom	12.38	8.35	8.35	100%	100	50%	50%	4380
	R10	Residential	LKD	24.54	18.86	8.12	43%	200	50%	50%	4380
	R13	Residential	LKD	20.73	15.39	4.52	29%	200	50%	50%	4380
	R14	Residential	Bedroom	10.80	6.86	6.86	100%	100	50%	50%	4380
	R15	Residential	Bedroom	12.66	8.26	8.26	100%	100	50%	50%	4380
	R18	Residential	LKD	20.94	15.32	7.43	49%	200	50%	50%	4380
	R19	Residential	Studio	28.88	20.83	1.97	9%	200	50%	50%	4380
	R20	Residential	LKD	21.76	16.05	3.81	24%	200	50%	50%	4380
	R21	Residential	Bedroom	9.26	5.95	3.64	61%	100	50%	50%	4380

Project Name: ROL7465_R53_V02 Project No.: CLARENDON ROAD Report Title: SDA BS En17037 Analysis - Proposed Scheme Date of Analysis: 12/07/23								Criteria			
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Area Meeting Req Lux	% of Area Meeting Req Lux	Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours
	R22	Residential	Bedroom	9.84	6.42	2.95	46%	100	50%	50%	4380
	R24	Residential	LKD	26.76	19.74	0.00	0%	200	50%	50%	4380
	R25	Residential	LKD	20.52	14.80	0.57	4%	200	50%	50%	4380
	R26	Residential	Bedroom	7.68	4.71	0.17	4%	100	50%	50%	4380
	R28	Residential	LKD	20.52	14.80	0.00	0%	200	50%	50%	4380
	R29	Residential	LKD	26.64	19.50	0.33	2%	200	50%	50%	4380
	R31	Residential	Bedroom	8.67	5.27	0.25	5%	100	50%	50%	4380
3rd Floor	R32	Residential	Bedroom	12.72	8.45	4.21	50%	100	50%	50%	4380
	R3	Residential	LKD	20.95	15.32	15.32	100%	200	50%	50%	4380
	R4	Residential	Bedroom	8.96	5.70	5.70	100%	100	50%	50%	4380
	R5	Residential	Bedroom	12.20	8.15	8.15	100%	100	50%	50%	4380
	R11	Residential	LKD	24.58	18.89	8.75	46%	200	50%	50%	4380
	R12	Residential	Bedroom	12.26	8.26	8.26	100%	100	50%	50%	4380
	R16	Residential	Bedroom	12.20	8.14	8.14	100%	100	50%	50%	4380
	R17	Residential	Bedroom	9.29	5.89	5.89	100%	100	50%	50%	4380
	R18	Residential	LKD	20.94	15.32	8.25	54%	200	50%	50%	4380
	R19	Residential	Studio	28.88	20.83	2.23	11%	200	50%	50%	4380
	R20	Residential	LKD	21.76	16.05	5.63	35%	200	50%	50%	4380
	R23	Residential	Bedroom	13.02	8.87	7.92	89%	100	50%	50%	4380
	R24	Residential	LKD	26.76	19.74	0.00	0%	200	50%	50%	4380
	R25	Residential	LKD	25.44	18.07	1.33	7%	200	50%	50%	4380
	R27	Residential	Bedroom	11.73	7.77	0.62	8%	100	50%	50%	4380
	R28	Residential	LKD	25.44	18.08	0.00	0%	200	50%	50%	4380
	R29	Residential	LKD	26.64	19.50	0.41	2%	200	50%	50%	4380
	R30	Residential	Bedroom	11.90	7.78	0.16	2%	100	50%	50%	4380
4th Floor	R1	Residential	LKD	25.45	19.20	19.20	100%	200	50%	50%	4380
	R2	Residential	Studio	28.24	20.56	19.85	97%	200	50%	50%	4380
	R6	Residential	Bedroom	11.53	7.61	7.61	100%	100	50%	50%	4380
	R7	Residential	Bedroom	10.80	6.86	6.86	100%	100	50%	50%	4380
	R8	Residential	LKD	20.74	15.14	4.95	33%	200	50%	50%	4380
	R9	Residential	Bedroom	12.38	8.35	8.35	100%	100	50%	50%	4380
	R10	Residential	LKD	24.54	18.86	10.13	54%	200	50%	50%	4380
	R13	Residential	LKD	20.73	15.39	5.10	33%	200	50%	50%	4380
	R14	Residential	Bedroom	10.80	6.86	6.86	100%	100	50%	50%	4380
	R15	Residential	Bedroom	12.66	8.26	8.26	100%	100	50%	50%	4380
	R18	Residential	LKD	20.94	15.32	9.31	61%	200	50%	50%	4380
	R19	Residential	Studio	28.88	20.83	3.11	15%	200	50%	50%	4380
	R20	Residential	LKD	21.76	16.05	8.53	53%	200	50%	50%	4380
	R21	Residential	Bedroom	9.26	5.95	4.98	84%	100	50%	50%	4380
	R22	Residential	Bedroom	9.84	6.42	4.47	70%	100	50%	50%	4380
	R24	Residential	LKD	26.76	19.74	0.00	0%	200	50%	50%	4380
	R25	Residential	LKD	25.44	18.07	1.68	9%	200	50%	50%	4380
	R26	Residential	Bedroom	11.73	7.77	0.44	6%	100	50%	50%	4380
	R28	Residential	LKD	25.44	18.08	0.26	1%	200	50%	50%	4380
	R29	Residential	LKD	26.64	19.50	0.41	2%	200	50%	50%	4380
	R31	Residential	Bedroom	8.67	5.27	0.25	5%	100	50%	50%	4380
	R32	Residential	Bedroom	12.72	8.45	4.97	59%	100	50%	50%	4380
5th Floor	R3	Residential	LKD	20.95	15.32	15.32	100%	200	50%	50%	4380
	R4	Residential	Bedroom	8.96	5.70	5.70	100%	100	50%	50%	4380
	R5	Residential	Bedroom	12.20	8.15	8.15	100%	100	50%	50%	4380
	R11	Residential	LKD	24.58	18.89	10.33	55%	200	50%	50%	4380
	R12	Residential	Bedroom	12.26	8.26	8.26	100%	100	50%	50%	4380
	R16	Residential	Bedroom	12.20	8.14	8.14	100%	100	50%	50%	4380
	R17	Residential	Bedroom	9.29	5.89	5.89	100%	100	50%	50%	4380
	R18	Residential	LKD	20.94	15.32	11.06	72%	200	50%	50%	4380
	R19	Residential	Studio	28.88	20.83	3.73	18%	200	50%	50%	4380
	R20	Residential	LKD	21.76	16.05	11.32	71%	200	50%	50%	4380
	R23	Residential	Bedroom	13.02	8.87	8.87	100%	100	50%	50%	4380
	R24	Residential	LKD	26.76	19.74	0.00	0%	200	50%	50%	4380
	R25	Residential	LKD	25.44	18.07	2.12	12%	200	50%	50%	4380
	R27	Residential	Bedroom	11.73	7.77	0.80	10%	100	50%	50%	4380
	R28	Residential	LKD	25.44	18.08	0.44	2%	200	50%	50%	4380
	R29	Residential	LKD	26.64	19.50	0.50	3%	200	50%	50%	4380
	R30	Residential	Bedroom	11.90	7.78	0.62	8%	100	50%	50%	4380
6th Floor	R1	Residential	LKD	25.45	19.20	19.20	100%	200	50%	50%	4380
	R2	Residential	Studio	28.24	20.56	20.56	100%	200	50%	50%	4380
	R6	Residential	Bedroom	11.53	7.61	7.61	100%	100	50%	50%	4380
	R7	Residential	Bedroom	10.80	6.86	6.86	100%	100	50%	50%	4380
	R8	Residential	LKD	20.74	15.14	5.12	34%	200	50%	50%	4380
	R9	Residential	Bedroom	12.38	8.35	8.35	100%	100	50%	50%	4380
	R10	Residential	LKD	24.54	18.86	10.65	56%	200	50%	50%	4380
	R13	Residential	LKD	20.73	15.39	5.21	34%	200	50%	50%	4380
	R14	Residential	Bedroom	10.80	6.86	6.86	100%	100	50%	50%	4380
	R15	Residential	Bedroom	12.66	8.26	8.26	100%	100	50%	50%	4380
	R18	Residential	LKD	20.94	15.32	13.44	88%	200	50%	50%	4380
	R19	Residential	Studio	28.88	20.83	4.72	23%	200	50%	50%	4380
	R20	Residential	LKD	21.76	16.05	13.41	84%	200	50%	50%	4380
	R21	Residential	Bedroom	9.26	5.95	5.87	99%	100	50%	50%	4380
	R22	Residential	Bedroom	9.84	6.42	6.05	94%	100	50%	50%	4380
	R24	Residential	LKD	26.76	19.74	0.17	1%	200	50%	50%	4380
	R25	Residential	LKD	25.44	18.07	2.66	15%	200	50%	50%	4380
	R26	Residential	Bedroom	11.73	7.77	0.70	9%	100	50%	50%	4380
	R28	Residential	LKD	25.44	18.08	0.97	5%	200	50%	50%	4380
	R29	Residential	LKD	26.64	19.50	0.58	3%	200	50%	50%	4380
	R31	Residential	Bedroom	8.67	5.27	0.33	6%	100	50%	50%	4380
	R32	Residential	Bedroom	12.72	8.45	5.64	67%	100	50%	50%	4380
7th Floor	R3	Residential	LKD	20.95	15.32	15.32	100%	200	50%	50%	4380
	R4	Residential	Bedroom	8.96	5.70	5.70	100%	100	50%	50%	4380

Project Name: ROL7465_R53_V02 Project No.: CLARENDON ROAD Report Title: SDA BS En17037 Analysis - Proposed Scheme Date of Analysis: 12/07/23								Criteria			
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Area Meeting Req Lux	% of Area Meeting Req Lux	Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours
	R5	Residential	Bedroom	12.20	8.15	8.15	100%	100	50%	50%	4380
	R11	Residential	LKD	24.58	18.89	11.02	58%	200	50%	50%	4380
	R12	Residential	Bedroom	12.26	8.26	8.26	100%	100	50%	50%	4380
	R16	Residential	Bedroom	12.20	8.14	8.14	100%	100	50%	50%	4380
	R17	Residential	Bedroom	9.29	5.89	5.89	100%	100	50%	50%	4380
	R18	Residential	LKD	20.94	15.32	14.96	98%	200	50%	50%	4380
	R19	Residential	Studio	28.88	20.83	5.82	28%	200	50%	50%	4380
	R20	Residential	LKD	21.76	16.05	15.70	98%	200	50%	50%	4380
	R23	Residential	Bedroom	13.02	8.87	8.87	100%	100	50%	50%	4380
	R24	Residential	LKD	26.76	19.74	0.42	2%	200	50%	50%	4380
	R25	Residential	LKD	25.44	18.07	3.28	18%	200	50%	50%	4380
	R27	Residential	Bedroom	11.73	7.77	1.51	19%	100	50%	50%	4380
	R28	Residential	LKD	25.44	18.08	1.67	9%	200	50%	50%	4380
8th Floor	R29	Residential	LKD	26.64	19.50	0.66	3%	200	50%	50%	4380
	R30	Residential	Bedroom	11.90	7.78	1.02	13%	100	50%	50%	4380
	R1	Residential	LKD	25.45	19.20	19.20	100%	200	50%	50%	4380
	R2	Residential	Studio	28.24	20.56	20.56	100%	200	50%	50%	4380
	R6	Residential	Bedroom	11.53	7.61	7.61	100%	100	50%	50%	4380
	R7	Residential	Bedroom	10.80	6.86	6.86	100%	100	50%	50%	4380
	R8	Residential	LKD	20.74	15.14	5.65	37%	200	50%	50%	4380
	R9	Residential	Bedroom	12.38	8.35	8.35	100%	100	50%	50%	4380
	R10	Residential	LKD	24.54	18.86	11.09	59%	200	50%	50%	4380
	R13	Residential	LKD	20.73	15.39	5.21	34%	200	50%	50%	4380
	R14	Residential	Bedroom	10.80	6.86	6.86	100%	100	50%	50%	4380
	R15	Residential	Bedroom	12.66	8.26	8.26	100%	100	50%	50%	4380
	R18	Residential	LKD	20.94	15.32	15.32	100%	200	50%	50%	4380
9th Floor	R19	Residential	Studio	28.88	20.83	7.03	34%	200	50%	50%	4380
	R20	Residential	LKD	21.76	16.05	16.00	100%	200	50%	50%	4380
	R21	Residential	Bedroom	9.26	5.95	5.95	100%	100	50%	50%	4380
	R22	Residential	Bedroom	9.84	6.42	6.34	99%	100	50%	50%	4380
	R24	Residential	LKD	26.76	19.74	1.18	6%	200	50%	50%	4380
	R25	Residential	LKD	25.44	18.07	4.18	23%	200	50%	50%	4380
	R26	Residential	Bedroom	11.73	7.77	1.94	25%	100	50%	50%	4380
	R28	Residential	LKD	25.44	18.08	2.90	16%	200	50%	50%	4380
	R29	Residential	LKD	26.64	19.50	0.75	4%	200	50%	50%	4380
	R31	Residential	Bedroom	8.67	5.27	0.57	11%	100	50%	50%	4380
	R32	Residential	Bedroom	12.72	8.45	6.04	71%	100	50%	50%	4380
	R3	Residential	LKD	20.95	15.32	15.32	100%	200	50%	50%	4380
	R4	Residential	Bedroom	8.96	5.70	5.70	100%	100	50%	50%	4380
10th Floor	R5	Residential	Bedroom	12.20	8.15	8.15	100%	100	50%	50%	4380
	R11	Residential	LKD	24.58	18.89	11.55	61%	200	50%	50%	4380
	R12	Residential	Bedroom	12.26	8.26	8.26	100%	100	50%	50%	4380
	R16	Residential	Bedroom	12.20	8.14	8.14	100%	100	50%	50%	4380
	R17	Residential	Bedroom	9.29	5.89	5.89	100%	100	50%	50%	4380
	R18	Residential	LKD	20.94	15.32	15.32	100%	200	50%	50%	4380
	R19	Residential	Studio	28.88	20.83	8.82	42%	200	50%	50%	4380
	R20	Residential	LKD	21.76	16.05	16.05	100%	200	50%	50%	4380
	R23	Residential	Bedroom	13.02	8.87	8.87	100%	100	50%	50%	4380
	R24	Residential	LKD	26.76	19.74	2.03	10%	200	50%	50%	4380
	R25	Residential	LKD	25.44	18.07	5.15	28%	200	50%	50%	4380
	R27	Residential	Bedroom	11.73	7.77	2.84	37%	100	50%	50%	4380
	R28	Residential	LKD	25.44	18.08	3.70	20%	200	50%	50%	4380
11th Floor	R29	Residential	LKD	26.64	19.50	0.75	4%	200	50%	50%	4380
	R30	Residential	Bedroom	11.90	7.78	2.03	26%	100	50%	50%	4380
	R1	Residential	LKD	25.45	19.20	19.20	100%	200	50%	50%	4380
	R2	Residential	Studio	28.24	20.56	20.56	100%	200	50%	50%	4380
	R6	Residential	Bedroom	11.53	7.61	7.61	100%	100	50%	50%	4380
	R7	Residential	Bedroom	10.80	6.86	6.86	100%	100	50%	50%	4380
	R8	Residential	LKD	20.74	15.14	6.10	40%	200	50%	50%	4380
	R9	Residential	Bedroom	12.38	8.35	8.35	100%	100	50%	50%	4380
	R10	Residential	LKD	24.54	18.86	12.05	64%	200	50%	50%	4380
	R13	Residential	LKD	29.87	22.00	11.58	53%	200	50%	50%	4380
	R14	Residential	Bedroom	14.62	10.08	10.08	100%	100	50%	50%	4380
	R17	Residential	LKD	20.94	15.32	15.32	100%	200	50%	50%	4380
	R18	Residential	Studio	28.88	20.83	10.66	51%	200	50%	50%	4380
	R19	Residential	LKD	21.76	16.05	16.05	100%	200	50%	50%	4380
	R20	Residential	Bedroom	9.26	5.95	5.95	100%	100	50%	50%	4380
	R21	Residential	Bedroom	9.84	6.42	6.42	100%	100	50%	50%	4380
	R23	Residential	LKD	26.76	19.74	2.97	15%	200	50%	50%	4380
	R24	Residential	LKD	25.44	18.07	5.77	32%	200	50%	50%	4380
	R25	Residential	Bedroom	11.73	7.77	2.86	37%	100	50%	50%	4380
	R27	Residential	LKD	25.44	18.08	4.31	24%	200	50%	50%	4380
	R28	Residential	LKD	26.64	19.50	0.83	4%	200	50%	50%	4380
	R30	Residential	Bedroom	8.67	5.27	0.73	14%	100	50%	50%	4380
	R31	Residential	Bedroom	12.72	8.45	6.55	78%	100	50%	50%	4380
	R3	Residential	LKD	20.95	15.32	15.32	100%	200	50%	50%	4380
	R4	Residential	Bedroom	8.96	5.70	5.70	100%	100	50%	50%	4380
	R5	Residential	Bedroom	12.20	8.15	8.15	100%	100	50%	50%	4380
	R11	Residential	LKD	24.58	18.89	11.90	63%	200	50%	50%	4380
	R12	Residential	Bedroom	12.26	8.26	8.26	100%	100	50%	50%	4380
	R15	Residential	Bedroom	12.20	8.14	8.14	100%	100	50%	50%	4380
	R16	Residential	Bedroom	9.29	5.89	5.89	100%	100	50%	50%	4380
	R17	Residential	LKD	20.94	15.32	15.32	100%	200	50%	50%	4380
	R18	Residential	Studio	28.88	20.83	13.29	64%	200	50%	50%	4380
	R19	Residential	LKD	21.76	16.05	16.05	100%	200	50%	50%	4380
	R22	Residential	Bedroom	13.02	8.87	8.87	100%	100	50%	50%	4380
	R23	Residential	LKD	26.76	19.74	3.48	18%	200	50%	50%	4380
	R24	Residential	LKD	25.44	18.07	6.57	36%	200	50%	50%	4380

Project Name: ROL7465_R53_V02
Project No.: CLARENDON ROAD
Report Title: SDA BS En17037 Analysis - Proposed Scheme
Date of Analysis: 12/07/23

								Criteria			
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Area Meeting Req Lux	% of Area Meeting Req Lux	Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours
	R26	Residential	Bedroom	11.73	7.77	4.38	56%	100	50%	50%	4380
	R27	Residential	LKD	25.44	18.08	5.37	30%	200	50%	50%	4380
	R28	Residential	LKD	26.64	19.50	1.42	7%	200	50%	50%	4380
	R29	Residential	Bedroom	11.90	7.78	3.31	43%	100	50%	50%	4380
12th Floor	R1	Residential	LKD	25.45	19.20	19.20	100%	200	50%	50%	4380
	R2	Residential	Studio	28.24	20.56	20.56	100%	200	50%	50%	4380
	R6	Residential	Bedroom	11.53	7.61	7.61	100%	100	50%	50%	4380
	R7	Residential	Bedroom	10.80	6.86	6.86	100%	100	50%	50%	4380
	R8	Residential	LKD	20.74	15.14	6.10	40%	200	50%	50%	4380
	R9	Residential	Bedroom	12.38	8.35	8.35	100%	100	50%	50%	4380
	R10	Residential	LKD	24.54	18.86	12.31	65%	200	50%	50%	4380
	R13	Residential	LKD	29.87	22.00	11.84	54%	200	50%	50%	4380
	R14	Residential	Bedroom	14.62	10.08	10.08	100%	100	50%	50%	4380
	R17	Residential	LKD	20.94	15.32	15.32	100%	200	50%	50%	4380
	R18	Residential	Studio	28.88	20.83	15.93	76%	200	50%	50%	4380
	R19	Residential	LKD	21.76	16.05	16.05	100%	200	50%	50%	4380
	R20	Residential	Bedroom	9.26	5.95	5.95	100%	100	50%	50%	4380
	R21	Residential	Bedroom	9.84	6.42	6.42	100%	100	50%	50%	4380
	R23	Residential	LKD	26.76	19.74	4.07	21%	200	50%	50%	4380
	R24	Residential	LKD	25.44	18.07	7.55	42%	200	50%	50%	4380
	R25	Residential	Bedroom	11.73	7.77	3.88	50%	100	50%	50%	4380
	R27	Residential	LKD	25.44	18.08	7.21	40%	200	50%	50%	4380
	R28	Residential	LKD	26.64	19.50	1.67	9%	200	50%	50%	4380
	R30	Residential	Bedroom	8.67	5.27	1.05	20%	100	50%	50%	4380
	R31	Residential	Bedroom	12.72	8.45	6.95	82%	100	50%	50%	4380
13th Floor	R3	Residential	LKD	20.95	15.32	15.32	100%	200	50%	50%	4380
	R4	Residential	Bedroom	8.96	5.70	5.70	100%	100	50%	50%	4380
	R5	Residential	Bedroom	12.20	8.15	8.15	100%	100	50%	50%	4380
	R11	Residential	LKD	24.58	18.89	16.36	87%	200	50%	50%	4380
	R12	Residential	Bedroom	12.26	8.26	8.26	100%	100	50%	50%	4380
	R15	Residential	Bedroom	12.20	8.14	8.14	100%	100	50%	50%	4380
	R16	Residential	Bedroom	9.29	5.89	5.89	100%	100	50%	50%	4380
	R17	Residential	LKD	20.94	15.32	15.32	100%	200	50%	50%	4380
	R18	Residential	Studio	28.88	20.83	19.44	93%	200	50%	50%	4380
	R19	Residential	LKD	21.76	16.05	16.05	100%	200	50%	50%	4380
	R22	Residential	Bedroom	13.02	8.87	8.87	100%	100	50%	50%	4380
	R23	Residential	LKD	26.76	19.74	5.77	29%	200	50%	50%	4380
	R24	Residential	LKD	25.44	18.07	8.62	48%	200	50%	50%	4380
	R26	Residential	Bedroom	11.73	7.77	7.04	91%	100	50%	50%	4380
	R27	Residential	LKD	25.44	18.08	9.94	55%	200	50%	50%	4380
	R28	Residential	LKD	26.64	19.50	2.82	14%	200	50%	50%	4380
	R29	Residential	Bedroom	11.90	7.78	5.86	75%	100	50%	50%	4380
14th Floor	R1	Residential	LKD	25.45	19.20	19.20	100%	200	50%	50%	4380
	R2	Residential	Studio	28.24	20.56	20.56	100%	200	50%	50%	4380
	R6	Residential	Bedroom	11.53	7.61	7.61	100%	100	50%	50%	4380
	R7	Residential	Bedroom	10.80	6.86	6.86	100%	100	50%	50%	4380
	R8	Residential	LKD	20.74	15.14	6.60	44%	200	50%	50%	4380
	R9	Residential	LKD	29.87	22.00	12.53	57%	200	50%	50%	4380
	R10	Residential	Bedroom	14.62	10.08	10.08	100%	100	50%	50%	4380
	R13	Residential	LKD	20.94	15.32	15.32	100%	200	50%	50%	4380
	R14	Residential	Studio	28.88	20.83	20.83	100%	200	50%	50%	4380
	R15	Residential	LKD	21.76	16.05	16.05	100%	200	50%	50%	4380
	R16	Residential	Bedroom	9.26	5.95	5.95	100%	100	50%	50%	4380
	R17	Residential	Bedroom	9.84	6.42	6.42	100%	100	50%	50%	4380
	R19	Residential	LKD	26.76	19.74	6.38	32%	200	50%	50%	4380
	R20	Residential	LKD	26.64	19.50	4.24	22%	200	50%	50%	4380
	R22	Residential	Bedroom	8.67	5.27	1.70	32%	100	50%	50%	4380
	R23	Residential	Bedroom	12.72	8.45	7.42	88%	100	50%	50%	4380
15th Floor	R3	Residential	LKD	24.51	18.21	18.21	100%	200	50%	50%	4380
	R4	Residential	Bedroom	10.29	6.57	6.57	100%	100	50%	50%	4380
	R5	Residential	Bedroom	12.28	8.19	8.19	100%	100	50%	50%	4380
	R7	Residential	Studio	31.04	21.47	18.30	85%	200	50%	50%	4380
	R10	Residential	Bedroom	12.20	8.14	8.14	100%	100	50%	50%	4380
	R11	Residential	Bedroom	9.29	5.89	5.89	100%	100	50%	50%	4380
	R12	Residential	LKD	20.94	15.32	15.32	100%	200	50%	50%	4380
	R13	Residential	Studio	28.88	20.83	20.83	100%	200	50%	50%	4380
	R14	Residential	LKD	21.76	16.05	16.05	100%	200	50%	50%	4380
	R17	Residential	Bedroom	13.02	8.87	8.87	100%	100	50%	50%	4380
	R18	Residential	LKD	26.76	19.74	7.54	38%	200	50%	50%	4380
	R19	Residential	LKD	26.64	19.50	5.65	29%	200	50%	50%	4380
	R20	Residential	Bedroom	11.90	7.78	7.17	92%	100	50%	50%	4380
16th Floor	R1	Residential	LKD	25.46	19.21	19.21	100%	200	50%	50%	4380
	R2	Residential	Studio	28.24	20.56	20.56	100%	200	50%	50%	4380
	R6	Residential	Bedroom	12.81	8.86	8.86	100%	100	50%	50%	4380
	R7	Residential	Studio	31.04	21.47	18.51	86%	200	50%	50%	4380
	R8	Residential	LKD	29.84	21.96	21.96	100%	200	50%	50%	4380
	R9	Residential	Bedroom	13.92	9.75	9.75	100%	100	50%	50%	4380
	R12	Residential	LKD	20.95	15.32	15.32	100%	200	50%	50%	4380
	R13	Residential	Studio	28.24	20.56	20.56	100%	200	50%	50%	4380
	R14	Residential	LKD	21.76	16.05	16.05	100%	200	50%	50%	4380
	R15	Residential	Bedroom	9.26	5.95	5.95	100%	100	50%	50%	4380
	R16	Residential	Bedroom	9.84	6.42	6.42	100%	100	50%	50%	4380
	R18	Residential	LKD	26.77	19.75	8.36	42%	200	50%	50%	4380
	R19	Residential	LKD	26.64	19.50	11.19	57%	200	50%	50%	4380
	R21	Residential	Bedroom	8.67	5.27	2.26	43%	100	50%	50%	4380
	R22	Residential	Bedroom	12.68	8.43	8.43	100%	100	50%	50%	4380
17th Floor	R3	Residential	Bedroom	12.20	8.14	8.14	100%	100	50%	50%	4380
	R4	Residential	Bedroom	9.29	5.89	5.89	100%	100	50%	50%	4380

Project Name: ROL7465_R53_V02
Project No.: CLARENDON ROAD
Report Title: SDA BS En17037 Analysis - Proposed Scheme
Date of Analysis: 12/07/23

								Criteria			
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Area Meeting Req Lux	% of Area Meeting Req Lux	Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours
	R5	Residential	LKD	20.95	15.32	15.32	100%	200	50%	50%	4380
	R6	Residential	Studio	28.24	20.56	20.56	100%	200	50%	50%	4380
	R7	Residential	LKD	21.76	16.05	16.05	100%	200	50%	50%	4380
	R10	Residential	Bedroom	13.02	8.87	8.87	100%	100	50%	50%	4380
	R11	Residential	LKD	26.77	19.75	9.25	47%	200	50%	50%	4380
18th Floor	R1	Residential	Studio	31.04	21.47	18.56	86%	200	50%	50%	4380
	R2	Residential	Bedroom	12.52	8.61	8.61	100%	100	50%	50%	4380
	R5	Residential	LKD	24.72	18.70	18.70	100%	200	50%	50%	4380
	R6	Residential	Studio	28.24	20.56	20.56	100%	200	50%	50%	4380
	R7	Residential	LKD	21.76	16.05	16.05	100%	200	50%	50%	4380
	R8	Residential	Bedroom	9.26	5.95	5.95	100%	100	50%	50%	4380
	R9	Residential	Bedroom	9.84	6.42	6.42	100%	100	50%	50%	4380
	R11	Residential	LKD	26.77	19.75	9.82	50%	200	50%	50%	4380
19th Floor	R3	Residential	Bedroom	11.56	7.76	7.76	100%	100	50%	50%	4380
	R4	Residential	Bedroom	9.36	5.96	5.96	100%	100	50%	50%	4380
	R5	Residential	LKD	24.72	18.70	18.70	100%	200	50%	50%	4380
	R6	Residential	Studio	28.24	20.56	20.56	100%	200	50%	50%	4380
	R7	Residential	LKD	21.76	16.05	16.05	100%	200	50%	50%	4380
	R10	Residential	Bedroom	13.02	8.87	8.87	100%	100	50%	50%	4380
	R11	Residential	LKD	26.77	19.75	11.86	60%	200	50%	50%	4380

APPENDIX C

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AVERAGE DAYLIGHT FACTOR ('ADF') TABLE

Parameters Used for ADF :

Glazing transmittance =	0.68	Wall Reflectance =	0.81
Maintenance Factor =	0.92	Floor Reflectance =	0.4
Glazing bar correction =	0.8	Ceiling Reflectance =	0.85

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
H1					
2nd Floor					
R1	RESIDENTIAL	LKD	W1	0.74	
R1	RESIDENTIAL	LKD	W2	1.20	
R1	RESIDENTIAL	LKD	W34	0.52	
R1	RESIDENTIAL	LKD	W35	1.00	
R1	RESIDENTIAL	LKD	W36	0.66	4.12
R2	RESIDENTIAL	BEDROOM	W3	2.83	2.83
R3	RESIDENTIAL	BEDROOM	W4	2.11	2.11
R7	RESIDENTIAL	STUDIO	W12	0.00	
R7	RESIDENTIAL	STUDIO	W13	0.44	
R7	RESIDENTIAL	STUDIO	W14	0.02	0.46
R10	RESIDENTIAL	LKD	W18	0.05	
R10	RESIDENTIAL	LKD	W19	0.13	
R10	RESIDENTIAL	LKD	W20	0.47	0.65
R11	RESIDENTIAL	BEDROOM	W21	0.67	0.67
R12	RESIDENTIAL	BEDROOM	W22	0.57	0.57
R15	RESIDENTIAL	LKD	W25	0.51	
R15	RESIDENTIAL	LKD	W26	0.40	
R15	RESIDENTIAL	LKD	W27	0.14	1.05
R16	RESIDENTIAL	LKD	W28	0.00	
R16	RESIDENTIAL	LKD	W29	0.39	0.39
R17	RESIDENTIAL	BEDROOM	W30	0.43	0.43
R18	RESIDENTIAL	STUDIO	W31	0.07	
R18	RESIDENTIAL	STUDIO	W32	0.50	
R18	RESIDENTIAL	STUDIO	W33	0.00	0.57
3rd Floor					
R1	RESIDENTIAL	LKD	W1	0.76	
R1	RESIDENTIAL	LKD	W2	1.22	
R1	RESIDENTIAL	LKD	W34	0.54	
R1	RESIDENTIAL	LKD	W35	1.04	
R1	RESIDENTIAL	LKD	W36	0.68	4.23
R4	RESIDENTIAL	BEDROOM	W5	2.15	2.15
R5	RESIDENTIAL	BEDROOM	W6	2.88	2.88
R6	RESIDENTIAL	LKD	W7	1.21	
R6	RESIDENTIAL	LKD	W8	0.87	

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R6	RESIDENTIAL	LKD	W9	0.65	
R6	RESIDENTIAL	LKD	W10	0.96	
R6	RESIDENTIAL	LKD	W11	0.48	4.18
R8	RESIDENTIAL	BEDROOM	W15	0.33	0.33
R9	RESIDENTIAL	LKD	W16	0.31	
R9	RESIDENTIAL	LKD	W17	0.00	0.31
R10	RESIDENTIAL	LKD	W18	0.10	
R10	RESIDENTIAL	LKD	W19	0.18	
R10	RESIDENTIAL	LKD	W20	0.60	0.89
R13	RESIDENTIAL	BEDROOM	W23	0.71	0.71
R14	RESIDENTIAL	BEDROOM	W24	0.81	0.81
R15	RESIDENTIAL	LKD	W25	0.64	
R15	RESIDENTIAL	LKD	W26	0.48	
R15	RESIDENTIAL	LKD	W27	0.21	1.33
R16	RESIDENTIAL	LKD	W28	0.00	
R16	RESIDENTIAL	LKD	W29	0.47	0.47
R18	RESIDENTIAL	STUDIO	W31	0.10	
R18	RESIDENTIAL	STUDIO	W32	0.55	
R18	RESIDENTIAL	STUDIO	W33	0.00	0.65
4th Floor					
R1	RESIDENTIAL	LKD	W1	0.76	
R1	RESIDENTIAL	LKD	W2	1.23	
R1	RESIDENTIAL	LKD	W34	0.58	
R1	RESIDENTIAL	LKD	W35	1.09	
R1	RESIDENTIAL	LKD	W36	0.69	4.35
R2	RESIDENTIAL	BEDROOM	W3	2.91	2.91
R3	RESIDENTIAL	BEDROOM	W4	2.18	2.18
R7	RESIDENTIAL	STUDIO	W12	0.00	
R7	RESIDENTIAL	STUDIO	W13	0.47	
R7	RESIDENTIAL	STUDIO	W14	0.05	0.52
R10	RESIDENTIAL	LKD	W18	0.14	
R10	RESIDENTIAL	LKD	W19	0.24	
R10	RESIDENTIAL	LKD	W20	0.72	1.09
R11	RESIDENTIAL	BEDROOM	W21	0.96	0.96
R12	RESIDENTIAL	BEDROOM	W22	0.83	0.83
R15	RESIDENTIAL	LKD	W25	0.77	
R15	RESIDENTIAL	LKD	W26	0.57	
R15	RESIDENTIAL	LKD	W27	0.29	1.63
R16	RESIDENTIAL	LKD	W28	0.00	
R16	RESIDENTIAL	LKD	W29	0.57	0.57
R17	RESIDENTIAL	BEDROOM	W30	0.67	0.67
R18	RESIDENTIAL	STUDIO	W31	0.14	
R18	RESIDENTIAL	STUDIO	W32	0.62	
R18	RESIDENTIAL	STUDIO	W33	0.00	0.76
5th Floor					
R1	RESIDENTIAL	LKD	W1	0.76	

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R1	RESIDENTIAL	LKD	W2	1.24	
R1	RESIDENTIAL	LKD	W34	0.63	
R1	RESIDENTIAL	LKD	W35	1.16	
R1	RESIDENTIAL	LKD	W36	0.69	4.48
R4	RESIDENTIAL	BEDROOM	W5	2.20	2.20
R5	RESIDENTIAL	BEDROOM	W6	2.94	2.94
R6	RESIDENTIAL	LKD	W7	1.24	
R6	RESIDENTIAL	LKD	W8	0.93	
R6	RESIDENTIAL	LKD	W9	0.69	
R6	RESIDENTIAL	LKD	W10	0.99	
R6	RESIDENTIAL	LKD	W11	0.50	4.36
R8	RESIDENTIAL	BEDROOM	W15	0.41	0.41
R9	RESIDENTIAL	LKD	W16	0.38	
R9	RESIDENTIAL	LKD	W17	0.00	0.38
R10	RESIDENTIAL	LKD	W18	0.17	
R10	RESIDENTIAL	LKD	W19	0.29	
R10	RESIDENTIAL	LKD	W20	0.82	1.28
R13	RESIDENTIAL	BEDROOM	W23	0.93	0.93
R14	RESIDENTIAL	BEDROOM	W24	1.06	1.06
R15	RESIDENTIAL	LKD	W25	0.88	
R15	RESIDENTIAL	LKD	W26	0.68	
R15	RESIDENTIAL	LKD	W27	0.37	1.94
R16	RESIDENTIAL	LKD	W28	0.00	
R16	RESIDENTIAL	LKD	W29	0.69	0.69
R18	RESIDENTIAL	STUDIO	W31	0.18	
R18	RESIDENTIAL	STUDIO	W32	0.71	
R18	RESIDENTIAL	STUDIO	W33	0.00	0.88
6th Floor					
R1	RESIDENTIAL	LKD	W1	0.76	
R1	RESIDENTIAL	LKD	W2	1.25	
R1	RESIDENTIAL	LKD	W34	0.70	
R1	RESIDENTIAL	LKD	W35	1.25	
R1	RESIDENTIAL	LKD	W36	0.70	4.65
R2	RESIDENTIAL	BEDROOM	W3	2.95	2.95
R3	RESIDENTIAL	BEDROOM	W4	2.20	2.20
R7	RESIDENTIAL	STUDIO	W12	0.00	
R7	RESIDENTIAL	STUDIO	W13	0.50	
R7	RESIDENTIAL	STUDIO	W14	0.07	0.57
R10	RESIDENTIAL	LKD	W18	0.21	
R10	RESIDENTIAL	LKD	W19	0.34	
R10	RESIDENTIAL	LKD	W20	0.91	1.47
R11	RESIDENTIAL	BEDROOM	W21	1.18	1.18
R12	RESIDENTIAL	BEDROOM	W22	1.01	1.01
R15	RESIDENTIAL	LKD	W25	0.99	
R15	RESIDENTIAL	LKD	W26	0.81	
R15	RESIDENTIAL	LKD	W27	0.47	2.27
R16	RESIDENTIAL	LKD	W28	0.00	
R16	RESIDENTIAL	LKD	W29	0.84	0.84

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R17	RESIDENTIAL	BEDROOM	W30	1.00	1.00
R18	RESIDENTIAL	STUDIO	W31	0.22	
R18	RESIDENTIAL	STUDIO	W32	0.82	
R18	RESIDENTIAL	STUDIO	W33	0.00	1.04
7th Floor					
R1	RESIDENTIAL	LKD	W1	0.76	
R1	RESIDENTIAL	LKD	W2	1.25	
R1	RESIDENTIAL	LKD	W34	0.80	
R1	RESIDENTIAL	LKD	W35	1.37	
R1	RESIDENTIAL	LKD	W36	0.70	4.87
R4	RESIDENTIAL	BEDROOM	W5	2.20	2.20
R5	RESIDENTIAL	BEDROOM	W6	2.95	2.95
R6	RESIDENTIAL	LKD	W7	1.25	
R6	RESIDENTIAL	LKD	W8	0.94	
R6	RESIDENTIAL	LKD	W9	0.70	
R6	RESIDENTIAL	LKD	W10	1.00	
R6	RESIDENTIAL	LKD	W11	0.51	4.39
R8	RESIDENTIAL	BEDROOM	W15	0.51	0.51
R9	RESIDENTIAL	LKD	W16	0.47	
R9	RESIDENTIAL	LKD	W17	0.00	0.47
R10	RESIDENTIAL	LKD	W18	0.26	
R10	RESIDENTIAL	LKD	W19	0.41	
R10	RESIDENTIAL	LKD	W20	0.98	1.65
R13	RESIDENTIAL	BEDROOM	W23	1.08	1.08
R14	RESIDENTIAL	BEDROOM	W24	1.25	1.25
R15	RESIDENTIAL	LKD	W25	1.09	
R15	RESIDENTIAL	LKD	W26	0.97	
R15	RESIDENTIAL	LKD	W27	0.58	2.64
R16	RESIDENTIAL	LKD	W28	0.02	
R16	RESIDENTIAL	LKD	W29	1.02	1.04
R18	RESIDENTIAL	STUDIO	W31	0.28	
R18	RESIDENTIAL	STUDIO	W32	0.96	
R18	RESIDENTIAL	STUDIO	W33	0.07	1.30
8th Floor					
R1	RESIDENTIAL	LKD	W1	0.77	
R1	RESIDENTIAL	LKD	W2	1.25	
R1	RESIDENTIAL	LKD	W34	0.92	
R1	RESIDENTIAL	LKD	W35	1.53	
R1	RESIDENTIAL	LKD	W36	0.70	5.16
R2	RESIDENTIAL	BEDROOM	W3	2.95	2.95
R3	RESIDENTIAL	BEDROOM	W4	2.20	2.20
R7	RESIDENTIAL	STUDIO	W12	0.00	
R7	RESIDENTIAL	STUDIO	W13	0.54	
R7	RESIDENTIAL	STUDIO	W14	0.10	0.64
R10	RESIDENTIAL	LKD	W18	0.31	
R10	RESIDENTIAL	LKD	W19	0.49	

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R10	RESIDENTIAL	LKD	W20	1.04	1.85
R11	RESIDENTIAL	BEDROOM	W21	1.34	1.34
R12	RESIDENTIAL	BEDROOM	W22	1.15	1.15
R15	RESIDENTIAL	LKD	W25	1.18	
R15	RESIDENTIAL	LKD	W26	1.15	
R15	RESIDENTIAL	LKD	W27	0.71	3.04
R16	RESIDENTIAL	LKD	W28	0.05	
R16	RESIDENTIAL	LKD	W29	1.23	1.27
R17	RESIDENTIAL	BEDROOM	W30	1.48	1.48
R18	RESIDENTIAL	STUDIO	W31	0.34	
R18	RESIDENTIAL	STUDIO	W32	1.13	
R18	RESIDENTIAL	STUDIO	W33	0.22	1.69
9th Floor					
R1	RESIDENTIAL	LKD	W1	0.79	
R1	RESIDENTIAL	LKD	W2	1.25	
R1	RESIDENTIAL	LKD	W34	1.05	
R1	RESIDENTIAL	LKD	W35	1.71	
R1	RESIDENTIAL	LKD	W36	0.70	5.49
R4	RESIDENTIAL	BEDROOM	W5	2.20	2.20
R5	RESIDENTIAL	BEDROOM	W6	2.95	2.95
R6	RESIDENTIAL	LKD	W7	0.94	
R6	RESIDENTIAL	LKD	W8	1.25	
R6	RESIDENTIAL	LKD	W9	0.70	
R6	RESIDENTIAL	LKD	W10	1.03	
R6	RESIDENTIAL	LKD	W11	0.53	4.44
R8	RESIDENTIAL	BEDROOM	W15	0.69	0.69
R9	RESIDENTIAL	LKD	W16	0.62	
R9	RESIDENTIAL	LKD	W17	0.00	0.62
R10	RESIDENTIAL	LKD	W18	0.38	
R10	RESIDENTIAL	LKD	W19	0.59	
R10	RESIDENTIAL	LKD	W20	1.09	2.06
R13	RESIDENTIAL	BEDROOM	W23	1.18	1.18
R14	RESIDENTIAL	BEDROOM	W24	1.36	1.36
R15	RESIDENTIAL	LKD	W25	1.24	
R15	RESIDENTIAL	LKD	W26	1.35	
R15	RESIDENTIAL	LKD	W27	0.84	3.42
R16	RESIDENTIAL	LKD	W28	0.19	
R16	RESIDENTIAL	LKD	W29	1.45	1.63
R18	RESIDENTIAL	STUDIO	W31	0.41	
R18	RESIDENTIAL	STUDIO	W32	1.32	
R18	RESIDENTIAL	STUDIO	W33	0.49	2.22
10th Floor					
R1	RESIDENTIAL	LKD	W1	0.85	
R1	RESIDENTIAL	LKD	W2	1.30	
R1	RESIDENTIAL	LKD	W26	1.20	
R1	RESIDENTIAL	LKD	W27	1.94	

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Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R1	RESIDENTIAL	LKD	W28	0.72	6.00
R2	RESIDENTIAL	BEDROOM	W3	3.07	3.07
R3	RESIDENTIAL	BEDROOM	W4	2.29	2.29
R7	RESIDENTIAL	STUDIO	W12	0.00	
R7	RESIDENTIAL	STUDIO	W13	0.72	
R7	RESIDENTIAL	STUDIO	W14	0.18	0.91
R9	RESIDENTIAL	LKD	W16	0.76	
R9	RESIDENTIAL	LKD	W17	0.10	
R9	RESIDENTIAL	LKD	W18	0.96	1.83
R10	RESIDENTIAL	LKD	W19	0.31	
R10	RESIDENTIAL	LKD	W20	1.02	
R10	RESIDENTIAL	LKD	W21	1.59	2.92
R11	RESIDENTIAL	BEDROOM	W22	2.15	2.15
R12	RESIDENTIAL	STUDIO	W23	0.47	
R12	RESIDENTIAL	STUDIO	W24	1.55	
R12	RESIDENTIAL	STUDIO	W25	0.65	2.67
11th Floor					
R1	RESIDENTIAL	LKD	W1	0.85	
R1	RESIDENTIAL	LKD	W2	1.30	
R1	RESIDENTIAL	LKD	W30	1.23	
R1	RESIDENTIAL	LKD	W31	2.00	
R1	RESIDENTIAL	LKD	W32	0.72	6.10
R4	RESIDENTIAL	BEDROOM	W5	2.29	2.29
R5	RESIDENTIAL	BEDROOM	W6	3.07	3.07
R6	RESIDENTIAL	LKD	W7	0.97	
R6	RESIDENTIAL	LKD	W8	1.30	
R6	RESIDENTIAL	LKD	W9	0.72	
R6	RESIDENTIAL	LKD	W10	1.20	
R6	RESIDENTIAL	LKD	W11	0.65	4.84
R8	RESIDENTIAL	BEDROOM	W15	1.05	1.05
R9	RESIDENTIAL	BEDROOM	W16	2.22	2.22
R10	RESIDENTIAL	LKD	W17	0.13	
R10	RESIDENTIAL	LKD	W18	1.02	
R10	RESIDENTIAL	LKD	W19	1.05	
R10	RESIDENTIAL	LKD	W20	1.07	3.27
R11	RESIDENTIAL	LKD	W21	1.02	
R11	RESIDENTIAL	LKD	W22	0.37	
R11	RESIDENTIAL	LKD	W23	1.03	
R11	RESIDENTIAL	LKD	W24	1.03	3.46
R14	RESIDENTIAL	STUDIO	W27	0.50	
R14	RESIDENTIAL	STUDIO	W28	1.64	
R14	RESIDENTIAL	STUDIO	W29	0.69	2.84
12th Floor					
R1	RESIDENTIAL	LKD	W1	0.82	
R1	RESIDENTIAL	LKD	W2	1.25	
R1	RESIDENTIAL	LKD	W30	1.20	

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R1	RESIDENTIAL	LKD	W31	1.94	
R1	RESIDENTIAL	LKD	W32	0.69	5.90
R2	RESIDENTIAL	BEDROOM	W3	2.95	2.95
R3	RESIDENTIAL	BEDROOM	W4	2.20	2.20
R7	RESIDENTIAL	STUDIO	W12	0.00	
R7	RESIDENTIAL	STUDIO	W13	0.78	
R7	RESIDENTIAL	STUDIO	W14	0.22	1.01
R10	RESIDENTIAL	LKD	W17	0.23	
R10	RESIDENTIAL	LKD	W18	1.01	
R10	RESIDENTIAL	LKD	W19	1.03	
R10	RESIDENTIAL	LKD	W20	1.05	3.32
R11	RESIDENTIAL	LKD	W21	1.01	
R11	RESIDENTIAL	LKD	W22	0.43	
R11	RESIDENTIAL	LKD	W23	1.02	
R11	RESIDENTIAL	LKD	W24	1.02	3.47
R12	RESIDENTIAL	BEDROOM	W25	4.22	4.22
R13	RESIDENTIAL	BEDROOM	W26	1.95	1.95
R14	RESIDENTIAL	STUDIO	W27	0.50	
R14	RESIDENTIAL	STUDIO	W28	1.61	
R14	RESIDENTIAL	STUDIO	W29	0.68	2.79
13th Floor					
R1	RESIDENTIAL	LKD	W1	0.85	
R1	RESIDENTIAL	LKD	W2	1.30	
R1	RESIDENTIAL	LKD	W30	1.27	
R1	RESIDENTIAL	LKD	W31	2.07	
R1	RESIDENTIAL	LKD	W32	0.72	6.20
R4	RESIDENTIAL	BEDROOM	W5	2.29	2.29
R5	RESIDENTIAL	BEDROOM	W6	3.07	3.07
R6	RESIDENTIAL	LKD	W7	0.97	
R6	RESIDENTIAL	LKD	W8	1.30	
R6	RESIDENTIAL	LKD	W9	0.72	
R6	RESIDENTIAL	LKD	W10	1.36	
R6	RESIDENTIAL	LKD	W11	0.76	5.11
R8	RESIDENTIAL	BEDROOM	W15	1.39	1.39
R9	RESIDENTIAL	BEDROOM	W16	2.90	2.90
R10	RESIDENTIAL	LKD	W17	0.35	
R10	RESIDENTIAL	LKD	W18	1.07	
R10	RESIDENTIAL	LKD	W19	1.10	
R10	RESIDENTIAL	LKD	W20	1.12	3.64
R11	RESIDENTIAL	LKD	W21	1.07	
R11	RESIDENTIAL	LKD	W22	0.54	
R11	RESIDENTIAL	LKD	W23	1.09	
R11	RESIDENTIAL	LKD	W24	1.08	3.78
R14	RESIDENTIAL	STUDIO	W27	0.53	
R14	RESIDENTIAL	STUDIO	W28	1.73	
R14	RESIDENTIAL	STUDIO	W29	0.72	2.98
14th Floor					

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R1	RESIDENTIAL	LKD	W1	0.82	
R1	RESIDENTIAL	LKD	W2	1.25	
R1	RESIDENTIAL	LKD	W30	1.23	
R1	RESIDENTIAL	LKD	W31	1.99	
R1	RESIDENTIAL	LKD	W32	0.69	5.98
R2	RESIDENTIAL	BEDROOM	W3	2.95	2.95
R3	RESIDENTIAL	BEDROOM	W4	2.20	2.20
R7	RESIDENTIAL	STUDIO	W12	0.06	
R7	RESIDENTIAL	STUDIO	W13	1.04	
R7	RESIDENTIAL	STUDIO	W14	0.32	1.42
R10	RESIDENTIAL	LKD	W17	0.41	
R10	RESIDENTIAL	LKD	W18	1.05	
R10	RESIDENTIAL	LKD	W19	1.08	
R10	RESIDENTIAL	LKD	W20	1.10	3.64
R11	RESIDENTIAL	LKD	W21	1.05	
R11	RESIDENTIAL	LKD	W22	0.57	
R11	RESIDENTIAL	LKD	W23	1.07	
R11	RESIDENTIAL	LKD	W24	1.06	3.75
R12	RESIDENTIAL	BEDROOM	W25	4.52	4.52
R13	RESIDENTIAL	BEDROOM	W26	2.04	2.04
R14	RESIDENTIAL	STUDIO	W27	0.52	
R14	RESIDENTIAL	STUDIO	W28	1.67	
R14	RESIDENTIAL	STUDIO	W29	0.71	2.90
15th Floor					
R1	RESIDENTIAL	LKD	W1	0.85	
R1	RESIDENTIAL	LKD	W2	1.30	
R1	RESIDENTIAL	LKD	W30	1.29	
R1	RESIDENTIAL	LKD	W31	2.11	
R1	RESIDENTIAL	LKD	W32	0.72	6.27
R4	RESIDENTIAL	BEDROOM	W5	2.29	2.29
R5	RESIDENTIAL	BEDROOM	W6	3.07	3.07
R6	RESIDENTIAL	LKD	W7	0.98	
R6	RESIDENTIAL	LKD	W8	1.30	
R6	RESIDENTIAL	LKD	W9	0.72	
R6	RESIDENTIAL	LKD	W10	1.65	
R6	RESIDENTIAL	LKD	W11	0.98	5.62
R8	RESIDENTIAL	BEDROOM	W15	1.79	1.79
R9	RESIDENTIAL	BEDROOM	W16	3.66	3.66
R10	RESIDENTIAL	LKD	W17	0.44	
R10	RESIDENTIAL	LKD	W18	1.11	
R10	RESIDENTIAL	LKD	W19	1.14	
R10	RESIDENTIAL	LKD	W20	1.16	3.86
R11	RESIDENTIAL	LKD	W21	1.11	
R11	RESIDENTIAL	LKD	W22	0.63	
R11	RESIDENTIAL	LKD	W23	1.13	
R11	RESIDENTIAL	LKD	W24	1.12	4.00
R14	RESIDENTIAL	STUDIO	W27	0.54	

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WITHIN PROPOSED ACCOMODATION

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WITHIN PROPOSED ACCOMMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R14	RESIDENTIAL	STUDIO	W28	1.78	3.07
R14	RESIDENTIAL	STUDIO	W29	0.74	
16th Floor					
R1	RESIDENTIAL	LKD	W1	0.82	6.02
R1	RESIDENTIAL	LKD	W2	1.25	
R1	RESIDENTIAL	LKD	W30	1.25	
R1	RESIDENTIAL	LKD	W31	2.02	
R1	RESIDENTIAL	LKD	W32	0.69	
R2	RESIDENTIAL	BEDROOM	W3	2.95	2.95
R3	RESIDENTIAL	BEDROOM	W4	2.25	2.25
R7	RESIDENTIAL	STUDIO	W12	0.53	2.39
R7	RESIDENTIAL	STUDIO	W13	1.42	
R7	RESIDENTIAL	STUDIO	W14	0.44	
R10	RESIDENTIAL	LKD	W17	0.44	3.76
R10	RESIDENTIAL	LKD	W18	1.09	
R10	RESIDENTIAL	LKD	W19	1.11	
R10	RESIDENTIAL	LKD	W20	1.12	
R11	RESIDENTIAL	LKD	W21	1.08	3.88
R11	RESIDENTIAL	LKD	W22	0.61	
R11	RESIDENTIAL	LKD	W23	1.10	
R11	RESIDENTIAL	LKD	W24	1.09	
R12	RESIDENTIAL	BEDROOM	W25	4.65	4.65
R13	RESIDENTIAL	BEDROOM	W26	2.08	2.08
R14	RESIDENTIAL	STUDIO	W27	0.53	2.95
R14	RESIDENTIAL	STUDIO	W28	1.70	
R14	RESIDENTIAL	STUDIO	W29	0.72	
17th Floor					
R1	RESIDENTIAL	LKD	W1	0.85	6.28
R1	RESIDENTIAL	LKD	W2	1.30	
R1	RESIDENTIAL	LKD	W30	1.30	
R1	RESIDENTIAL	LKD	W31	2.12	
R1	RESIDENTIAL	LKD	W32	0.72	
R4	RESIDENTIAL	BEDROOM	W5	2.33	2.33
R5	RESIDENTIAL	BEDROOM	W6	3.07	3.07
R6	RESIDENTIAL	LKD	W7	1.05	6.38
R6	RESIDENTIAL	LKD	W8	1.30	
R6	RESIDENTIAL	LKD	W9	0.72	
R6	RESIDENTIAL	LKD	W10	2.06	
R6	RESIDENTIAL	LKD	W11	1.27	
R8	RESIDENTIAL	BEDROOM	W15	2.26	2.26
R9	RESIDENTIAL	BEDROOM	W16	4.48	4.48
R10	RESIDENTIAL	LKD	W17	0.49	3.99
R10	RESIDENTIAL	LKD	W18	1.15	
R10	RESIDENTIAL	LKD	W19	1.17	
R10	RESIDENTIAL	LKD	W20	1.18	
R11	RESIDENTIAL	LKD	W21	1.13	

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R11	RESIDENTIAL	LKD	W22	0.64	
R11	RESIDENTIAL	LKD	W23	1.15	
R11	RESIDENTIAL	LKD	W24	1.14	4.06
R14	RESIDENTIAL	STUDIO	W27	0.54	
R14	RESIDENTIAL	STUDIO	W28	1.79	
R14	RESIDENTIAL	STUDIO	W29	0.75	3.09
18th Floor					
R1	RESIDENTIAL	LKD	W1	0.82	
R1	RESIDENTIAL	LKD	W2	1.25	
R1	RESIDENTIAL	LKD	W30	1.25	
R1	RESIDENTIAL	LKD	W31	2.02	
R1	RESIDENTIAL	LKD	W32	0.69	6.02
R2	RESIDENTIAL	BEDROOM	W3	2.95	2.95
R3	RESIDENTIAL	BEDROOM	W4	2.25	2.25
R7	RESIDENTIAL	STUDIO	W12	0.73	
R7	RESIDENTIAL	STUDIO	W13	1.66	
R7	RESIDENTIAL	STUDIO	W14	0.52	2.91
R10	RESIDENTIAL	LKD	W17	0.52	
R10	RESIDENTIAL	LKD	W18	1.13	
R10	RESIDENTIAL	LKD	W19	1.14	
R10	RESIDENTIAL	LKD	W20	1.14	3.93
R11	RESIDENTIAL	LKD	W21	1.10	
R11	RESIDENTIAL	LKD	W22	0.61	
R11	RESIDENTIAL	LKD	W23	1.11	
R11	RESIDENTIAL	LKD	W24	1.11	3.94
R12	RESIDENTIAL	BEDROOM	W25	4.65	4.65
R13	RESIDENTIAL	BEDROOM	W26	2.08	2.08
R14	RESIDENTIAL	STUDIO	W27	0.53	
R14	RESIDENTIAL	STUDIO	W28	1.71	
R14	RESIDENTIAL	STUDIO	W29	0.73	2.96
19th Floor					
R1	RESIDENTIAL	LKD	W1	0.85	
R1	RESIDENTIAL	LKD	W2	1.30	
R1	RESIDENTIAL	LKD	W30	1.30	
R1	RESIDENTIAL	LKD	W31	2.12	
R1	RESIDENTIAL	LKD	W32	0.72	6.28
R4	RESIDENTIAL	BEDROOM	W5	2.33	2.33
R5	RESIDENTIAL	BEDROOM	W6	3.07	3.07
R6	RESIDENTIAL	LKD	W7	1.05	
R6	RESIDENTIAL	LKD	W8	1.30	
R6	RESIDENTIAL	LKD	W9	0.72	
R6	RESIDENTIAL	LKD	W10	2.11	
R6	RESIDENTIAL	LKD	W11	1.29	6.46
R8	RESIDENTIAL	BEDROOM	W15	2.35	2.35
R9	RESIDENTIAL	BEDROOM	W16	4.76	4.76
R10	RESIDENTIAL	LKD	W17	0.61	

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WITHIN PROPOSED ACCOMODATION

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WITHIN PROPOSED ACCOMMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R10	RESIDENTIAL	LKD	W18	1.19	4.20
R10	RESIDENTIAL	LKD	W19	1.20	
R10	RESIDENTIAL	LKD	W20	1.20	
R11	RESIDENTIAL	LKD	W21	1.16	
R11	RESIDENTIAL	LKD	W22	0.64	
R11	RESIDENTIAL	LKD	W23	1.16	4.12
R11	RESIDENTIAL	LKD	W24	1.16	
R14	RESIDENTIAL	STUDIO	W27	0.54	
R14	RESIDENTIAL	STUDIO	W28	1.79	3.09
R14	RESIDENTIAL	STUDIO	W29	0.75	
20th Floor					
R1	RESIDENTIAL	LKD	W1	0.82	6.02
R1	RESIDENTIAL	LKD	W2	1.25	
R1	RESIDENTIAL	LKD	W30	1.25	
R1	RESIDENTIAL	LKD	W31	2.02	
R1	RESIDENTIAL	LKD	W32	0.69	
R2	RESIDENTIAL	BEDROOM	W3	2.95	2.95
R3	RESIDENTIAL	BEDROOM	W4	2.25	2.25
R7	RESIDENTIAL	STUDIO	W12	0.73	2.95
R7	RESIDENTIAL	STUDIO	W13	1.70	
R7	RESIDENTIAL	STUDIO	W14	0.53	
R10	RESIDENTIAL	LKD	W17	0.64	
R10	RESIDENTIAL	LKD	W18	1.16	
R10	RESIDENTIAL	LKD	W19	1.16	4.12
R10	RESIDENTIAL	LKD	W20	1.16	
R11	RESIDENTIAL	LKD	W21	1.12	
R11	RESIDENTIAL	LKD	W22	0.61	3.99
R11	RESIDENTIAL	LKD	W23	1.12	
R11	RESIDENTIAL	LKD	W24	1.12	
R12	RESIDENTIAL	BEDROOM	W25	4.65	
R13	RESIDENTIAL	BEDROOM	W26	2.08	2.08
R14	RESIDENTIAL	STUDIO	W27	0.53	2.96
R14	RESIDENTIAL	STUDIO	W28	1.71	
R14	RESIDENTIAL	STUDIO	W29	0.73	
21st Floor					
R1	RESIDENTIAL	LKD	W1	0.85	6.28
R1	RESIDENTIAL	LKD	W2	1.30	
R1	RESIDENTIAL	LKD	W30	1.30	
R1	RESIDENTIAL	LKD	W31	2.12	
R1	RESIDENTIAL	LKD	W32	0.72	
R4	RESIDENTIAL	BEDROOM	W5	2.33	2.33
R5	RESIDENTIAL	BEDROOM	W6	3.07	3.07
R6	RESIDENTIAL	LKD	W7	1.05	2.12
R6	RESIDENTIAL	LKD	W8	1.30	
R6	RESIDENTIAL	LKD	W9	0.72	
R6	RESIDENTIAL	LKD	W10	2.12	

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R6	RESIDENTIAL	LKD	W12	1.30	6.48
R8	RESIDENTIAL	BEDROOM	W15	2.39	2.39
R9	RESIDENTIAL	BEDROOM	W16	4.89	4.89
R10	RESIDENTIAL	LKD	W17	0.67	
R10	RESIDENTIAL	LKD	W18	1.21	
R10	RESIDENTIAL	LKD	W19	1.21	
R10	RESIDENTIAL	LKD	W20	1.21	4.30
R11	RESIDENTIAL	LKD	W21	1.17	
R11	RESIDENTIAL	LKD	W22	0.64	
R11	RESIDENTIAL	LKD	W23	1.17	
R11	RESIDENTIAL	LKD	W24	1.17	4.15
R14	RESIDENTIAL	STUDIO	W27	0.54	
R14	RESIDENTIAL	STUDIO	W28	1.79	
R14	RESIDENTIAL	STUDIO	W29	0.75	3.09
22nd Floor					
R1	RESIDENTIAL	LKD	W1	0.82	
R1	RESIDENTIAL	LKD	W2	1.25	
R1	RESIDENTIAL	LKD	W30	1.25	
R1	RESIDENTIAL	LKD	W31	2.02	
R1	RESIDENTIAL	LKD	W32	0.69	6.02
R2	RESIDENTIAL	BEDROOM	W3	2.95	2.95
R3	RESIDENTIAL	BEDROOM	W4	2.25	2.25
R7	RESIDENTIAL	STUDIO	W11	0.73	
R7	RESIDENTIAL	STUDIO	W13	1.71	
R7	RESIDENTIAL	STUDIO	W14	0.53	2.96
R10	RESIDENTIAL	LKD	W17	0.64	
R10	RESIDENTIAL	LKD	W18	1.16	
R10	RESIDENTIAL	LKD	W19	1.16	
R10	RESIDENTIAL	LKD	W20	1.16	4.13
R11	RESIDENTIAL	LKD	W21	1.13	
R11	RESIDENTIAL	LKD	W22	0.61	
R11	RESIDENTIAL	LKD	W23	1.13	
R11	RESIDENTIAL	LKD	W24	1.13	3.99
R12	RESIDENTIAL	BEDROOM	W25	4.65	4.65
R13	RESIDENTIAL	BEDROOM	W26	2.08	2.08
R14	RESIDENTIAL	STUDIO	W27	0.53	
R14	RESIDENTIAL	STUDIO	W28	1.71	
R14	RESIDENTIAL	STUDIO	W29	0.73	2.96
23rd Floor					
R1	RESIDENTIAL	LKD	W1	0.85	
R1	RESIDENTIAL	LKD	W2	1.30	
R1	RESIDENTIAL	LKD	W30	1.30	
R1	RESIDENTIAL	LKD	W31	2.12	
R1	RESIDENTIAL	LKD	W32	0.72	6.28
R4	RESIDENTIAL	BEDROOM	W5	2.33	2.33
R5	RESIDENTIAL	BEDROOM	W6	3.07	3.07

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R6	RESIDENTIAL	LKD	W7	1.05	
R6	RESIDENTIAL	LKD	W8	1.30	
R6	RESIDENTIAL	LKD	W9	0.72	
R6	RESIDENTIAL	LKD	W10	2.12	
R6	RESIDENTIAL	LKD	W12	1.30	6.48
R8	RESIDENTIAL	BEDROOM	W15	2.39	2.39
R9	RESIDENTIAL	BEDROOM	W16	4.89	4.89
R10	RESIDENTIAL	LKD	W17	0.67	
R10	RESIDENTIAL	LKD	W18	1.21	
R10	RESIDENTIAL	LKD	W19	1.21	
R10	RESIDENTIAL	LKD	W20	1.21	4.30
R11	RESIDENTIAL	LKD	W21	1.17	
R11	RESIDENTIAL	LKD	W22	0.64	
R11	RESIDENTIAL	LKD	W23	1.17	
R11	RESIDENTIAL	LKD	W24	1.17	4.15
R14	RESIDENTIAL	STUDIO	W27	0.54	
R14	RESIDENTIAL	STUDIO	W28	1.79	
R14	RESIDENTIAL	STUDIO	W29	0.75	3.09
24th Floor					
R1	RESIDENTIAL	LKD	W1	0.82	
R1	RESIDENTIAL	LKD	W2	1.25	
R1	RESIDENTIAL	LKD	W30	1.25	
R1	RESIDENTIAL	LKD	W31	0.69	
R1	RESIDENTIAL	LKD	W32	2.02	6.02
R2	RESIDENTIAL	BEDROOM	W3	2.95	2.95
R3	RESIDENTIAL	BEDROOM	W4	2.25	2.25
R7	RESIDENTIAL	STUDIO	W11	0.73	
R7	RESIDENTIAL	STUDIO	W13	1.71	
R7	RESIDENTIAL	STUDIO	W14	0.53	2.96
R10	RESIDENTIAL	LKD	W17	0.64	
R10	RESIDENTIAL	LKD	W18	1.16	
R10	RESIDENTIAL	LKD	W19	1.16	
R10	RESIDENTIAL	LKD	W20	1.16	4.13
R11	RESIDENTIAL	LKD	W21	1.13	
R11	RESIDENTIAL	LKD	W22	0.61	
R11	RESIDENTIAL	LKD	W23	1.13	
R11	RESIDENTIAL	LKD	W24	1.13	3.99
R12	RESIDENTIAL	BEDROOM	W25	4.65	4.65
R13	RESIDENTIAL	BEDROOM	W26	2.08	2.08
R14	RESIDENTIAL	STUDIO	W27	0.53	
R14	RESIDENTIAL	STUDIO	W28	1.71	
R14	RESIDENTIAL	STUDIO	W29	0.73	2.96
25th Floor					
R1	RESIDENTIAL	LKD	W1	0.99	
R1	RESIDENTIAL	LKD	W2	0.99	
R1	RESIDENTIAL	LKD	W3	0.99	

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R1	RESIDENTIAL	LKD	W26	1.13	4.12
R6	RESIDENTIAL	BEDROOM	W11	3.06	3.06
R7	RESIDENTIAL	BEDROOM	W12	3.80	3.80
R8	RESIDENTIAL	LKD	W13	1.24	
R8	RESIDENTIAL	LKD	W14	1.10	
R8	RESIDENTIAL	LKD	W15	1.10	
R8	RESIDENTIAL	LKD	W16	1.10	4.54
R9	RESIDENTIAL	LKD	W17	1.10	
R9	RESIDENTIAL	LKD	W18	1.10	
R9	RESIDENTIAL	LKD	W19	1.24	
R9	RESIDENTIAL	LKD	W20	1.10	4.54
R12	RESIDENTIAL	BEDROOM	W23	3.18	3.18
R13	RESIDENTIAL	BEDROOM	W24	3.24	3.24
R14	RESIDENTIAL	BEDROOM	W25	3.87	3.87
26th Floor					
R2	RESIDENTIAL	LKD	W4	0.99	
R2	RESIDENTIAL	LKD	W5	0.99	
R2	RESIDENTIAL	LKD	W6	0.99	
R2	RESIDENTIAL	LKD	W7	1.90	4.88
R3	RESIDENTIAL	BEDROOM	W8	3.87	3.87
R4	RESIDENTIAL	BEDROOM	W9	3.24	3.24
R5	RESIDENTIAL	BEDROOM	W10	3.18	3.18
R8	RESIDENTIAL	LKD	W13	2.08	
R8	RESIDENTIAL	LKD	W14	1.10	
R8	RESIDENTIAL	LKD	W15	1.10	
R8	RESIDENTIAL	LKD	W16	1.10	5.38
R9	RESIDENTIAL	LKD	W17	1.10	
R9	RESIDENTIAL	LKD	W18	1.10	
R9	RESIDENTIAL	LKD	W19	2.08	
R9	RESIDENTIAL	LKD	W20	1.10	5.38
R10	RESIDENTIAL	BEDROOM	W21	3.80	3.80
R11	RESIDENTIAL	BEDROOM	W22	3.06	3.06
H2 & H3					
1st Floor					
R1	RESIDENTIAL	BEDROOM	W1	2.03	2.03
R2	RESIDENTIAL	LKD	W2	0.94	
R2	RESIDENTIAL	LKD	W3	0.93	1.87
2nd Floor					
R1	RESIDENTIAL	LKD	W1	1.22	
R1	RESIDENTIAL	LKD	W2	3.11	4.33
R2	RESIDENTIAL	STUDIO	W3	1.07	
R2	RESIDENTIAL	STUDIO	W4	2.70	3.78

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R6	RESIDENTIAL	BEDROOM	W9	5.67	5.67
R7	RESIDENTIAL	BEDROOM	W10	2.48	2.48
R8	RESIDENTIAL	LKD	W11	1.34	
R8	RESIDENTIAL	LKD	W12	0.55	1.89
R9	RESIDENTIAL	BEDROOM	W13	2.37	2.37
R10	RESIDENTIAL	LKD	W14	0.93	
R10	RESIDENTIAL	LKD	W15	0.93	1.86
R13	RESIDENTIAL	LKD	W19	0.63	
R13	RESIDENTIAL	LKD	W20	1.43	2.06
R14	RESIDENTIAL	BEDROOM	W21	2.33	2.33
R15	RESIDENTIAL	BEDROOM	W22	4.83	4.83
R18	RESIDENTIAL	LKD	W25	1.36	
R18	RESIDENTIAL	LKD	W26	1.32	2.68
R19	RESIDENTIAL	STUDIO	W27	0.97	0.97
R20	RESIDENTIAL	LKD	W28	1.57	
R20	RESIDENTIAL	LKD	W29	0.50	2.07
R21	RESIDENTIAL	BEDROOM	W30	1.64	1.64
R22	RESIDENTIAL	BEDROOM	W31	1.56	1.56
R24	RESIDENTIAL	LKD	W34	0.40	
R24	RESIDENTIAL	LKD	W35	0.33	0.73
R25	RESIDENTIAL	LKD	W36	0.89	0.89
R26	RESIDENTIAL	BEDROOM	W37	0.59	0.59
R28	RESIDENTIAL	LKD	W39	0.40	0.40
R29	RESIDENTIAL	LKD	W40	0.50	
R29	RESIDENTIAL	LKD	W41	0.36	0.86
R31	RESIDENTIAL	BEDROOM	W44	0.91	0.91
R32	RESIDENTIAL	BEDROOM	W45	0.90	
R32	RESIDENTIAL	BEDROOM	W46	0.80	1.70
3rd Floor					
R3	RESIDENTIAL	LKD	W5	3.63	
R3	RESIDENTIAL	LKD	W6	1.70	5.33
R4	RESIDENTIAL	BEDROOM	W7	2.94	2.94
R5	RESIDENTIAL	BEDROOM	W8	2.33	2.33
R11	RESIDENTIAL	LKD	W16	0.93	
R11	RESIDENTIAL	LKD	W17	0.94	1.87
R12	RESIDENTIAL	BEDROOM	W18	2.52	2.52
R16	RESIDENTIAL	BEDROOM	W23	2.12	2.12
R17	RESIDENTIAL	BEDROOM	W24	2.53	2.53
R18	RESIDENTIAL	LKD	W25	1.39	
R18	RESIDENTIAL	LKD	W26	1.43	2.82
R19	RESIDENTIAL	STUDIO	W27	1.05	
R19	RESIDENTIAL	STUDIO	W28	0.30	1.36
R20	RESIDENTIAL	LKD	W29	1.72	
R20	RESIDENTIAL	LKD	W30	0.58	2.30
R23	RESIDENTIAL	BEDROOM	W33	1.33	
R23	RESIDENTIAL	BEDROOM	W34	1.29	2.62
R24	RESIDENTIAL	LKD	W35	0.43	
R24	RESIDENTIAL	LKD	W36	0.33	0.77

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R25	RESIDENTIAL	LKD	W37	1.02	1.02
R27	RESIDENTIAL	BEDROOM	W39	0.73	0.73
R28	RESIDENTIAL	LKD	W40	0.47	0.47
R29	RESIDENTIAL	LKD	W41	0.52	
R29	RESIDENTIAL	LKD	W42	0.41	0.93
R30	RESIDENTIAL	BEDROOM	W43	0.26	
R30	RESIDENTIAL	BEDROOM	W44	0.59	0.85
4th Floor					
R1	RESIDENTIAL	LKD	W1	1.25	
R1	RESIDENTIAL	LKD	W2	3.26	4.52
R2	RESIDENTIAL	STUDIO	W3	1.15	
R2	RESIDENTIAL	STUDIO	W4	2.87	4.01
R6	RESIDENTIAL	BEDROOM	W9	5.84	5.84
R7	RESIDENTIAL	BEDROOM	W10	2.52	2.52
R8	RESIDENTIAL	LKD	W11	1.38	
R8	RESIDENTIAL	LKD	W12	0.58	1.95
R9	RESIDENTIAL	BEDROOM	W13	2.40	2.40
R10	RESIDENTIAL	LKD	W14	0.95	
R10	RESIDENTIAL	LKD	W15	0.95	1.89
R13	RESIDENTIAL	LKD	W19	0.65	
R13	RESIDENTIAL	LKD	W20	1.46	2.10
R14	RESIDENTIAL	BEDROOM	W21	2.39	2.39
R15	RESIDENTIAL	BEDROOM	W22	5.01	5.01
R18	RESIDENTIAL	LKD	W25	1.42	
R18	RESIDENTIAL	LKD	W26	1.55	2.97
R19	RESIDENTIAL	STUDIO	W27	1.15	
R19	RESIDENTIAL	STUDIO	W28	0.39	1.54
R20	RESIDENTIAL	LKD	W29	1.88	
R20	RESIDENTIAL	LKD	W30	0.72	2.60
R21	RESIDENTIAL	BEDROOM	W31	1.90	1.90
R22	RESIDENTIAL	BEDROOM	W32	1.79	1.79
R24	RESIDENTIAL	LKD	W35	0.48	
R24	RESIDENTIAL	LKD	W36	0.34	0.82
R25	RESIDENTIAL	LKD	W37	1.07	1.07
R26	RESIDENTIAL	BEDROOM	W38	0.53	0.53
R28	RESIDENTIAL	LKD	W40	0.53	0.53
R29	RESIDENTIAL	LKD	W41	0.54	
R29	RESIDENTIAL	LKD	W42	0.45	0.99
R31	RESIDENTIAL	BEDROOM	W45	0.95	0.95
R32	RESIDENTIAL	BEDROOM	W46	0.92	
R32	RESIDENTIAL	BEDROOM	W47	0.83	1.75
5th Floor					
R3	RESIDENTIAL	LKD	W5	3.80	
R3	RESIDENTIAL	LKD	W6	1.77	5.58
R4	RESIDENTIAL	BEDROOM	W7	2.99	2.99
R5	RESIDENTIAL	BEDROOM	W8	2.37	2.37

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R11	RESIDENTIAL	LKD	W17	0.95	
R11	RESIDENTIAL	LKD	W18	0.96	1.91
R12	RESIDENTIAL	BEDROOM	W19	2.54	2.54
R16	RESIDENTIAL	BEDROOM	W25	2.19	2.19
R17	RESIDENTIAL	BEDROOM	W26	2.63	2.63
R18	RESIDENTIAL	LKD	W27	1.46	
R18	RESIDENTIAL	LKD	W28	1.67	3.13
R19	RESIDENTIAL	STUDIO	W29	1.24	
R19	RESIDENTIAL	STUDIO	W30	0.44	1.67
R20	RESIDENTIAL	LKD	W31	2.05	
R20	RESIDENTIAL	LKD	W32	0.87	2.92
R23	RESIDENTIAL	BEDROOM	W35	1.48	
R23	RESIDENTIAL	BEDROOM	W36	1.43	2.91
R24	RESIDENTIAL	LKD	W37	0.54	
R24	RESIDENTIAL	LKD	W38	0.34	0.88
R25	RESIDENTIAL	LKD	W39	1.14	1.14
R27	RESIDENTIAL	BEDROOM	W41	0.80	0.80
R28	RESIDENTIAL	LKD	W42	0.61	0.61
R29	RESIDENTIAL	LKD	W43	0.56	
R29	RESIDENTIAL	LKD	W44	0.48	1.04
R30	RESIDENTIAL	BEDROOM	W45	0.37	
R30	RESIDENTIAL	BEDROOM	W46	0.64	1.02
6th Floor					
R1	RESIDENTIAL	LKD	W1	1.26	
R1	RESIDENTIAL	LKD	W2	3.32	4.58
R2	RESIDENTIAL	STUDIO	W3	1.22	
R2	RESIDENTIAL	STUDIO	W4	2.92	4.15
R6	RESIDENTIAL	BEDROOM	W9	6.61	6.61
R7	RESIDENTIAL	BEDROOM	W10	2.54	2.54
R8	RESIDENTIAL	LKD	W11	1.41	
R8	RESIDENTIAL	LKD	W12	0.60	
R8	RESIDENTIAL	LKD	W13	0.00	2.01
R9	RESIDENTIAL	BEDROOM	W14	2.43	2.43
R10	RESIDENTIAL	LKD	W15	0.96	
R10	RESIDENTIAL	LKD	W16	0.96	1.93
R13	RESIDENTIAL	LKD	W20	0.65	
R13	RESIDENTIAL	LKD	W21	0.00	
R13	RESIDENTIAL	LKD	W22	1.47	2.12
R14	RESIDENTIAL	BEDROOM	W23	2.45	2.45
R15	RESIDENTIAL	BEDROOM	W24	5.20	5.20
R18	RESIDENTIAL	LKD	W27	1.50	
R18	RESIDENTIAL	LKD	W28	1.80	3.30
R19	RESIDENTIAL	STUDIO	W29	1.33	
R19	RESIDENTIAL	STUDIO	W30	0.48	1.81
R20	RESIDENTIAL	LKD	W31	2.20	
R20	RESIDENTIAL	LKD	W32	1.04	3.24
R21	RESIDENTIAL	BEDROOM	W33	2.12	2.12
R22	RESIDENTIAL	BEDROOM	W34	1.99	1.99

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R24	RESIDENTIAL	LKD	W37	0.59	
R24	RESIDENTIAL	LKD	W38	0.35	0.94
R25	RESIDENTIAL	LKD	W39	1.21	1.21
R26	RESIDENTIAL	BEDROOM	W40	0.64	0.64
R28	RESIDENTIAL	LKD	W42	0.68	0.68
R29	RESIDENTIAL	LKD	W43	0.58	
R29	RESIDENTIAL	LKD	W44	0.52	1.10
R31	RESIDENTIAL	BEDROOM	W47	0.98	0.98
R32	RESIDENTIAL	BEDROOM	W48	0.93	
R32	RESIDENTIAL	BEDROOM	W49	0.88	1.80
7th Floor					
R3	RESIDENTIAL	LKD	W5	3.83	
R3	RESIDENTIAL	LKD	W6	1.79	5.61
R4	RESIDENTIAL	BEDROOM	W7	3.00	3.00
R5	RESIDENTIAL	BEDROOM	W8	2.38	2.38
R11	RESIDENTIAL	LKD	W17	0.96	
R11	RESIDENTIAL	LKD	W18	0.97	1.93
R12	RESIDENTIAL	BEDROOM	W19	2.55	2.55
R16	RESIDENTIAL	BEDROOM	W25	2.27	2.27
R17	RESIDENTIAL	BEDROOM	W26	2.74	2.74
R18	RESIDENTIAL	LKD	W27	1.55	
R18	RESIDENTIAL	LKD	W28	1.93	3.48
R19	RESIDENTIAL	STUDIO	W29	1.42	
R19	RESIDENTIAL	STUDIO	W30	0.52	1.94
R20	RESIDENTIAL	LKD	W31	2.34	
R20	RESIDENTIAL	LKD	W32	1.17	3.51
R23	RESIDENTIAL	BEDROOM	W35	1.63	
R23	RESIDENTIAL	BEDROOM	W36	1.58	3.21
R24	RESIDENTIAL	LKD	W37	0.67	
R24	RESIDENTIAL	LKD	W38	0.36	1.03
R25	RESIDENTIAL	LKD	W39	1.29	1.29
R27	RESIDENTIAL	BEDROOM	W41	0.93	0.93
R28	RESIDENTIAL	LKD	W42	0.80	0.80
R29	RESIDENTIAL	LKD	W43	0.60	
R29	RESIDENTIAL	LKD	W44	0.56	1.15
R30	RESIDENTIAL	BEDROOM	W45	0.50	
R30	RESIDENTIAL	BEDROOM	W46	0.72	1.21
8th Floor					
R1	RESIDENTIAL	LKD	W1	1.26	
R1	RESIDENTIAL	LKD	W2	3.32	4.58
R2	RESIDENTIAL	STUDIO	W3	1.23	
R2	RESIDENTIAL	STUDIO	W4	2.93	4.15
R6	RESIDENTIAL	BEDROOM	W9	6.66	6.66
R7	RESIDENTIAL	BEDROOM	W10	2.55	2.55
R8	RESIDENTIAL	LKD	W11	1.43	
R8	RESIDENTIAL	LKD	W12	0.62	

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R8	RESIDENTIAL	LKD	W13	0.00	2.05
R9	RESIDENTIAL	BEDROOM	W14	2.46	2.46
R10	RESIDENTIAL	LKD	W15	0.98	
R10	RESIDENTIAL	LKD	W16	0.97	1.95
R13	RESIDENTIAL	LKD	W20	0.65	
R13	RESIDENTIAL	LKD	W21	0.00	
R13	RESIDENTIAL	LKD	W22	1.47	2.13
R14	RESIDENTIAL	BEDROOM	W23	2.50	2.50
R15	RESIDENTIAL	BEDROOM	W24	5.36	5.36
R18	RESIDENTIAL	LKD	W27	1.62	
R18	RESIDENTIAL	LKD	W28	2.09	3.71
R19	RESIDENTIAL	STUDIO	W29	1.53	
R19	RESIDENTIAL	STUDIO	W30	0.55	2.08
R20	RESIDENTIAL	LKD	W31	2.48	
R20	RESIDENTIAL	LKD	W32	1.29	3.77
R21	RESIDENTIAL	BEDROOM	W33	2.32	2.32
R22	RESIDENTIAL	BEDROOM	W34	2.17	2.17
R24	RESIDENTIAL	LKD	W37	0.77	
R24	RESIDENTIAL	LKD	W38	0.36	1.13
R25	RESIDENTIAL	LKD	W39	1.38	1.38
R26	RESIDENTIAL	BEDROOM	W40	0.85	0.85
R28	RESIDENTIAL	LKD	W42	0.90	0.90
R29	RESIDENTIAL	LKD	W43	0.62	
R29	RESIDENTIAL	LKD	W44	0.63	1.25
R31	RESIDENTIAL	BEDROOM	W47	1.03	1.03
R32	RESIDENTIAL	BEDROOM	W48	0.94	
R32	RESIDENTIAL	BEDROOM	W49	0.88	1.82
9th Floor					
R3	RESIDENTIAL	LKD	W5	3.83	
R3	RESIDENTIAL	LKD	W6	1.79	5.61
R4	RESIDENTIAL	BEDROOM	W7	3.01	3.01
R5	RESIDENTIAL	BEDROOM	W8	2.38	2.38
R11	RESIDENTIAL	LKD	W17	0.98	
R11	RESIDENTIAL	LKD	W18	0.98	1.96
R12	RESIDENTIAL	BEDROOM	W19	2.58	2.58
R16	RESIDENTIAL	BEDROOM	W25	2.34	2.34
R17	RESIDENTIAL	BEDROOM	W26	2.84	2.84
R18	RESIDENTIAL	LKD	W27	1.69	
R18	RESIDENTIAL	LKD	W28	2.26	3.95
R19	RESIDENTIAL	STUDIO	W29	1.65	
R19	RESIDENTIAL	STUDIO	W30	0.58	2.23
R20	RESIDENTIAL	LKD	W31	2.62	
R20	RESIDENTIAL	LKD	W32	1.40	4.02
R23	RESIDENTIAL	BEDROOM	W35	1.77	
R23	RESIDENTIAL	BEDROOM	W36	1.72	3.49
R24	RESIDENTIAL	LKD	W37	0.87	
R24	RESIDENTIAL	LKD	W38	0.37	1.24
R25	RESIDENTIAL	LKD	W39	1.45	1.45

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R27	RESIDENTIAL	BEDROOM	W41	1.06	1.06
R28	RESIDENTIAL	LKD	W42	0.96	0.96
R29	RESIDENTIAL	LKD	W43	0.63	
R29	RESIDENTIAL	LKD	W44	0.75	1.38
R30	RESIDENTIAL	BEDROOM	W45	0.68	
R30	RESIDENTIAL	BEDROOM	W46	0.79	1.47
10th Floor					
R1	RESIDENTIAL	LKD	W1	1.26	
R1	RESIDENTIAL	LKD	W2	3.32	4.59
R2	RESIDENTIAL	STUDIO	W3	1.23	
R2	RESIDENTIAL	STUDIO	W4	2.93	4.15
R6	RESIDENTIAL	BEDROOM	W9	6.69	6.69
R7	RESIDENTIAL	BEDROOM	W10	2.55	2.55
R8	RESIDENTIAL	LKD	W11	1.45	
R8	RESIDENTIAL	LKD	W12	0.64	
R8	RESIDENTIAL	LKD	W13	0.00	2.09
R9	RESIDENTIAL	BEDROOM	W14	2.49	2.49
R10	RESIDENTIAL	LKD	W15	0.99	
R10	RESIDENTIAL	LKD	W16	0.98	1.97
R13	RESIDENTIAL	LKD	W20	0.46	
R13	RESIDENTIAL	LKD	W21	0.00	
R13	RESIDENTIAL	LKD	W22	1.06	
R13	RESIDENTIAL	LKD	W23	1.14	2.66
R14	RESIDENTIAL	BEDROOM	W24	5.09	5.09
R17	RESIDENTIAL	LKD	W27	1.75	
R17	RESIDENTIAL	LKD	W28	2.47	4.22
R18	RESIDENTIAL	STUDIO	W29	1.80	
R18	RESIDENTIAL	STUDIO	W30	0.61	2.41
R19	RESIDENTIAL	LKD	W31	2.78	
R19	RESIDENTIAL	LKD	W32	1.50	4.27
R20	RESIDENTIAL	BEDROOM	W33	2.42	2.42
R21	RESIDENTIAL	BEDROOM	W34	2.27	2.27
R23	RESIDENTIAL	LKD	W37	0.95	
R23	RESIDENTIAL	LKD	W38	0.39	1.34
R24	RESIDENTIAL	LKD	W39	1.49	1.49
R25	RESIDENTIAL	BEDROOM	W40	0.96	0.96
R27	RESIDENTIAL	LKD	W42	1.00	1.00
R28	RESIDENTIAL	LKD	W43	0.65	
R28	RESIDENTIAL	LKD	W44	0.81	1.46
R30	RESIDENTIAL	BEDROOM	W47	1.06	1.06
R31	RESIDENTIAL	BEDROOM	W48	0.94	
R31	RESIDENTIAL	BEDROOM	W49	0.88	1.82
11th Floor					
R3	RESIDENTIAL	LKD	W5	3.83	
R3	RESIDENTIAL	LKD	W6	1.79	5.61
R4	RESIDENTIAL	BEDROOM	W7	3.01	3.01

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R5	RESIDENTIAL	BEDROOM	W8	2.38	2.38
R11	RESIDENTIAL	LKD	W17	0.98	
R11	RESIDENTIAL	LKD	W18	0.99	1.97
R12	RESIDENTIAL	BEDROOM	W19	2.58	2.58
R15	RESIDENTIAL	BEDROOM	W25	2.38	2.38
R16	RESIDENTIAL	BEDROOM	W26	2.91	2.91
R17	RESIDENTIAL	LKD	W27	1.78	
R17	RESIDENTIAL	LKD	W28	2.72	4.50
R18	RESIDENTIAL	STUDIO	W29	1.99	
R18	RESIDENTIAL	STUDIO	W30	0.66	2.65
R19	RESIDENTIAL	LKD	W31	2.97	
R19	RESIDENTIAL	LKD	W32	1.57	4.54
R22	RESIDENTIAL	BEDROOM	W35	1.83	
R22	RESIDENTIAL	BEDROOM	W36	1.77	3.60
R23	RESIDENTIAL	LKD	W37	1.00	
R23	RESIDENTIAL	LKD	W38	0.43	1.43
R24	RESIDENTIAL	LKD	W39	1.53	1.53
R26	RESIDENTIAL	BEDROOM	W41	1.13	1.13
R27	RESIDENTIAL	LKD	W42	1.05	1.05
R28	RESIDENTIAL	LKD	W43	0.67	
R28	RESIDENTIAL	LKD	W44	0.84	1.51
R29	RESIDENTIAL	BEDROOM	W45	0.73	
R29	RESIDENTIAL	BEDROOM	W46	0.81	1.55
12th Floor					
R1	RESIDENTIAL	LKD	W1	1.26	
R1	RESIDENTIAL	LKD	W2	3.32	4.59
R2	RESIDENTIAL	STUDIO	W3	1.23	
R2	RESIDENTIAL	STUDIO	W4	2.93	4.15
R6	RESIDENTIAL	BEDROOM	W9	6.69	6.69
R7	RESIDENTIAL	BEDROOM	W10	2.55	2.55
R8	RESIDENTIAL	LKD	W11	1.45	
R8	RESIDENTIAL	LKD	W12	0.67	
R8	RESIDENTIAL	LKD	W13	0.00	2.13
R9	RESIDENTIAL	BEDROOM	W14	2.51	2.51
R10	RESIDENTIAL	LKD	W15	0.99	
R10	RESIDENTIAL	LKD	W16	0.98	1.98
R13	RESIDENTIAL	LKD	W20	0.50	
R13	RESIDENTIAL	LKD	W21	0.00	
R13	RESIDENTIAL	LKD	W22	1.06	
R13	RESIDENTIAL	LKD	W23	1.14	2.70
R14	RESIDENTIAL	BEDROOM	W24	5.12	5.12
R17	RESIDENTIAL	LKD	W27	1.78	
R17	RESIDENTIAL	LKD	W28	3.02	4.81
R18	RESIDENTIAL	STUDIO	W29	2.23	
R18	RESIDENTIAL	STUDIO	W30	0.77	3.00
R19	RESIDENTIAL	LKD	W31	3.20	
R19	RESIDENTIAL	LKD	W32	1.63	4.83
R20	RESIDENTIAL	BEDROOM	W33	2.54	2.54

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R21	RESIDENTIAL	BEDROOM	W34	2.38	2.38
R23	RESIDENTIAL	LKD	W37	1.04	
R23	RESIDENTIAL	LKD	W38	0.48	1.53
R24	RESIDENTIAL	LKD	W39	1.57	1.57
R25	RESIDENTIAL	BEDROOM	W40	1.04	1.04
R27	RESIDENTIAL	LKD	W42	1.09	1.09
R28	RESIDENTIAL	LKD	W43	0.70	
R28	RESIDENTIAL	LKD	W44	0.87	1.56
R30	RESIDENTIAL	BEDROOM	W47	1.06	1.06
R31	RESIDENTIAL	BEDROOM	W48	0.95	
R31	RESIDENTIAL	BEDROOM	W49	0.88	1.83
13th Floor					
R3	RESIDENTIAL	LKD	W5	3.90	
R3	RESIDENTIAL	LKD	W6	1.90	5.80
R4	RESIDENTIAL	BEDROOM	W7	3.04	3.04
R5	RESIDENTIAL	BEDROOM	W8	2.41	2.41
R11	RESIDENTIAL	LKD	W17	1.38	
R11	RESIDENTIAL	LKD	W18	1.39	2.77
R12	RESIDENTIAL	BEDROOM	W19	2.71	2.71
R15	RESIDENTIAL	BEDROOM	W25	2.41	2.41
R16	RESIDENTIAL	BEDROOM	W26	2.95	2.95
R17	RESIDENTIAL	LKD	W27	1.90	
R17	RESIDENTIAL	LKD	W28	3.45	5.35
R18	RESIDENTIAL	STUDIO	W29	2.55	
R18	RESIDENTIAL	STUDIO	W30	1.04	3.59
R19	RESIDENTIAL	LKD	W31	3.51	
R19	RESIDENTIAL	LKD	W32	1.79	5.30
R22	RESIDENTIAL	BEDROOM	W35	1.93	
R22	RESIDENTIAL	BEDROOM	W36	1.87	3.80
R23	RESIDENTIAL	LKD	W37	1.15	
R23	RESIDENTIAL	LKD	W38	0.59	1.73
R24	RESIDENTIAL	LKD	W39	1.64	1.64
R26	RESIDENTIAL	BEDROOM	W41	1.53	1.53
R27	RESIDENTIAL	LKD	W42	1.62	1.62
R28	RESIDENTIAL	LKD	W43	0.75	
R28	RESIDENTIAL	LKD	W44	0.95	1.70
R29	RESIDENTIAL	BEDROOM	W45	0.82	
R29	RESIDENTIAL	BEDROOM	W46	0.83	1.65
14th Floor					
R1	RESIDENTIAL	LKD	W1	1.26	
R1	RESIDENTIAL	LKD	W2	3.32	4.59
R2	RESIDENTIAL	STUDIO	W3	1.23	
R2	RESIDENTIAL	STUDIO	W4	2.93	4.15
R6	RESIDENTIAL	BEDROOM	W9	6.69	6.69
R7	RESIDENTIAL	BEDROOM	W10	2.55	2.55
R8	RESIDENTIAL	LKD	W11	1.45	

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R8	RESIDENTIAL	LKD	W12	0.81	
R8	RESIDENTIAL	LKD	W13	0.00	2.27
R9	RESIDENTIAL	LKD	W14	0.67	
R9	RESIDENTIAL	LKD	W15	0.00	
R9	RESIDENTIAL	LKD	W16	1.06	
R9	RESIDENTIAL	LKD	W17	1.14	2.87
R10	RESIDENTIAL	BEDROOM	W18	5.12	5.12
R13	RESIDENTIAL	LKD	W21	1.79	
R13	RESIDENTIAL	LKD	W22	3.76	5.55
R14	RESIDENTIAL	STUDIO	W23	2.79	
R14	RESIDENTIAL	STUDIO	W24	1.11	3.90
R15	RESIDENTIAL	LKD	W25	3.68	
R15	RESIDENTIAL	LKD	W26	1.72	5.40
R16	RESIDENTIAL	BEDROOM	W27	2.63	2.63
R17	RESIDENTIAL	BEDROOM	W28	2.47	2.47
R19	RESIDENTIAL	LKD	W31	1.11	
R19	RESIDENTIAL	LKD	W32	0.79	1.89
R20	RESIDENTIAL	LKD	W33	0.84	
R20	RESIDENTIAL	LKD	W34	0.91	1.75
R22	RESIDENTIAL	BEDROOM	W37	1.07	1.07
R23	RESIDENTIAL	BEDROOM	W38	0.95	
R23	RESIDENTIAL	BEDROOM	W39	0.88	1.83
15th Floor					
R3	RESIDENTIAL	LKD	W5	3.49	
R3	RESIDENTIAL	LKD	W6	1.70	5.19
R4	RESIDENTIAL	BEDROOM	W7	2.73	2.73
R5	RESIDENTIAL	BEDROOM	W8	2.41	2.41
R7	RESIDENTIAL	STUDIO	W10	1.06	
R7	RESIDENTIAL	STUDIO	W11	1.03	
R7	RESIDENTIAL	STUDIO	W12	0.57	
R7	RESIDENTIAL	STUDIO	W13	0.72	3.38
R10	RESIDENTIAL	BEDROOM	W19	2.38	2.38
R11	RESIDENTIAL	BEDROOM	W20	2.91	2.91
R12	RESIDENTIAL	LKD	W21	1.79	
R12	RESIDENTIAL	LKD	W22	3.83	5.62
R13	RESIDENTIAL	STUDIO	W23	2.84	
R13	RESIDENTIAL	STUDIO	W24	1.14	3.98
R14	RESIDENTIAL	LKD	W25	3.73	
R14	RESIDENTIAL	LKD	W26	1.74	5.47
R17	RESIDENTIAL	BEDROOM	W29	1.96	
R17	RESIDENTIAL	BEDROOM	W30	1.90	3.87
R18	RESIDENTIAL	LKD	W31	1.13	
R18	RESIDENTIAL	LKD	W32	0.87	2.00
R19	RESIDENTIAL	LKD	W33	0.91	
R19	RESIDENTIAL	LKD	W34	0.98	1.90
R20	RESIDENTIAL	BEDROOM	W35	0.86	
R20	RESIDENTIAL	BEDROOM	W36	0.86	1.73

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WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
16th Floor					
R1	RESIDENTIAL	LKD	W1	2.11	
R1	RESIDENTIAL	LKD	W2	3.43	5.54
R2	RESIDENTIAL	STUDIO	W3	1.94	
R2	RESIDENTIAL	STUDIO	W4	3.02	4.95
R6	RESIDENTIAL	BEDROOM	W9	3.92	3.92
R7	RESIDENTIAL	STUDIO	W10	1.06	
R7	RESIDENTIAL	STUDIO	W11	1.67	
R7	RESIDENTIAL	STUDIO	W12	0.61	
R7	RESIDENTIAL	STUDIO	W13	0.77	4.11
R8	RESIDENTIAL	LKD	W14	0.79	
R8	RESIDENTIAL	LKD	W15	0.99	
R8	RESIDENTIAL	LKD	W16	1.06	
R8	RESIDENTIAL	LKD	W17	1.14	3.97
R9	RESIDENTIAL	BEDROOM	W18	5.40	5.40
R12	RESIDENTIAL	LKD	W21	1.79	
R12	RESIDENTIAL	LKD	W22	3.83	5.61
R13	RESIDENTIAL	STUDIO	W23	2.93	
R13	RESIDENTIAL	STUDIO	W24	1.18	4.10
R14	RESIDENTIAL	LKD	W25	3.73	
R14	RESIDENTIAL	LKD	W26	1.74	5.47
R15	RESIDENTIAL	BEDROOM	W27	2.68	2.68
R16	RESIDENTIAL	BEDROOM	W28	2.52	2.52
R18	RESIDENTIAL	LKD	W31	1.13	
R18	RESIDENTIAL	LKD	W32	0.96	2.09
R19	RESIDENTIAL	LKD	W33	0.97	
R19	RESIDENTIAL	LKD	W34	1.55	2.52
R21	RESIDENTIAL	BEDROOM	W37	1.13	1.13
R22	RESIDENTIAL	BEDROOM	W38	0.99	
R22	RESIDENTIAL	BEDROOM	W39	1.74	2.73
17th Floor					
R3	RESIDENTIAL	BEDROOM	W6	2.38	2.38
R4	RESIDENTIAL	BEDROOM	W7	2.91	2.91
R5	RESIDENTIAL	LKD	W8	1.79	
R5	RESIDENTIAL	LKD	W9	3.83	5.61
R6	RESIDENTIAL	STUDIO	W10	2.93	
R6	RESIDENTIAL	STUDIO	W11	1.18	4.10
R7	RESIDENTIAL	LKD	W12	3.73	
R7	RESIDENTIAL	LKD	W13	1.74	5.47
R10	RESIDENTIAL	BEDROOM	W16	1.99	
R10	RESIDENTIAL	BEDROOM	W17	1.93	3.92
R11	RESIDENTIAL	LKD	W18	1.13	
R11	RESIDENTIAL	LKD	W19	1.04	2.17
18th Floor					
R1	RESIDENTIAL	STUDIO	W1	0.78	

TABLE P7
AVERAGE DAYLIGHT FACTOR (ADF)
WITHIN PROPOSED ACCOMODATION

Property / room ref.	Property type	Room usage	Window ref.	ADF% Contrib.	Total
R1	RESIDENTIAL	STUDIO	W2	0.99	
R1	RESIDENTIAL	STUDIO	W3	1.03	
R1	RESIDENTIAL	STUDIO	W4	1.06	3.86
R2	RESIDENTIAL	BEDROOM	W5	2.93	2.93
R5	RESIDENTIAL	LKD	W8	1.72	
R5	RESIDENTIAL	LKD	W9	3.53	5.25
R6	RESIDENTIAL	STUDIO	W10	3.02	
R6	RESIDENTIAL	STUDIO	W11	1.26	4.28
R7	RESIDENTIAL	LKD	W12	3.85	
R7	RESIDENTIAL	LKD	W13	1.87	5.72
R8	RESIDENTIAL	BEDROOM	W14	2.77	2.77
R9	RESIDENTIAL	BEDROOM	W15	2.60	2.60
R11	RESIDENTIAL	LKD	W18	1.21	
R11	RESIDENTIAL	LKD	W19	1.07	2.28
19th Floor					
R3	RESIDENTIAL	BEDROOM	W6	2.56	2.56
R4	RESIDENTIAL	BEDROOM	W7	2.96	2.96
R5	RESIDENTIAL	LKD	W8	2.77	
R5	RESIDENTIAL	LKD	W9	3.53	6.30
R6	RESIDENTIAL	STUDIO	W10	3.02	
R6	RESIDENTIAL	STUDIO	W11	1.86	4.87
R7	RESIDENTIAL	LKD	W12	3.85	
R7	RESIDENTIAL	LKD	W13	3.02	6.87
R10	RESIDENTIAL	BEDROOM	W16	2.07	
R10	RESIDENTIAL	BEDROOM	W17	2.01	4.08
R11	RESIDENTIAL	LKD	W18	2.01	
R11	RESIDENTIAL	LKD	W19	1.09	3.10

APPENDIX D

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SUNLIGHT EXPOSURE TABLE

Project Name: ROL7465_R53_V02
Project No.: CLARENDON ROAD
Report Title: Sunlight Exposure Analysis - Proposed Scheme
Date: 12/07/23

Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
H1						
2nd Floor	R1	Residential	LKD	W1	246°	0.1
				W2	336°N	0
				W34	246°	0
				W35	246°	0
				W36	336°N	0
						0.1
2nd Floor	R2	Residential	Bedroom	W3	336°N	0
						0
2nd Floor	R3	Residential	Bedroom	W4	336°N	0
						0
2nd Floor	R7	Residential	Studio	W12	66°N	0
				W13	66°N	0
				W14	66°N	0
						0
2nd Floor	R10	Residential	LKD	W18	66°N	0
				W19	66°N	0
				W20	156°	0
						0
2nd Floor	R11	Residential	Bedroom	W21	156°	0.4
						0.4
2nd Floor	R12	Residential	Bedroom	W22	156°	0.5
						0.5
2nd Floor	R15	Residential	LKD	W25	156°	0.9
				W26	246°	0
				W27	246°	0
						0.9
2nd Floor	R16	Residential	LKD	W28	246°	0
				W29	246°	0
						0
2nd Floor	R17	Residential	Bedroom	W30	246°	0
						0
2nd Floor	R18	Residential	Studio	W31	246°	0
				W32	246°	0
				W33	246°	0
						0
3rd Floor	R1	Residential	LKD	W1	246°	0.1
				W2	336°N	0
				W34	246°	0
				W35	246°	0
				W36	336°N	0
						0.1
3rd Floor	R4	Residential	Bedroom	W5	336°N	0
						0
3rd Floor	R5	Residential	Bedroom	W6	336°N	0
						0
3rd Floor	R6	Residential	LKD	W7	336°N	0
				W8	66°N	0
				W9	336°N	0
				W10	66°N	0
				W11	66°N	0
						0
3rd Floor	R8	Residential	Bedroom	W15	66°N	0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						0
3rd Floor	R9	Residential	LKD	W16	66°N	0
				W17	66°N	0
						0
3rd Floor	R10	Residential	LKD	W18	66°N	0
				W19	66°N	0
				W20	156°	0
						0
3rd Floor	R13	Residential	Bedroom	W23	156°	0.5
						0.5
3rd Floor	R14	Residential	Bedroom	W24	156°	0.5
						0.5
3rd Floor	R15	Residential	LKD	W25	156°	1
				W26	246°	0
				W27	246°	0
						1
3rd Floor	R16	Residential	LKD	W28	246°	0
				W29	246°	0
						0
3rd Floor	R18	Residential	Studio	W31	246°	0
				W32	246°	0
				W33	246°	0
						0
4th Floor	R1	Residential	LKD	W1	246°	0.1
				W2	336°N	0
				W34	246°	0
				W35	246°	0
				W36	336°N	0
						0.1
4th Floor	R2	Residential	Bedroom	W3	336°N	0
						0
4th Floor	R3	Residential	Bedroom	W4	336°N	0
						0
4th Floor	R7	Residential	Studio	W12	66°N	0
				W13	66°N	0
				W14	66°N	0
						0
4th Floor	R10	Residential	LKD	W18	66°N	0
				W19	66°N	0
				W20	156°	0
						0
4th Floor	R11	Residential	Bedroom	W21	156°	0.5
						0.5
4th Floor	R12	Residential	Bedroom	W22	156°	0.5
						0.5
4th Floor	R15	Residential	LKD	W25	156°	1.1
				W26	246°	0.1
				W27	246°	0
						1.2
4th Floor	R16	Residential	LKD	W28	246°	0
				W29	246°	0
						0
4th Floor	R17	Residential	Bedroom	W30	246°	0
						0
4th Floor	R18	Residential	Studio	W31	246°	0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
				W32	246°	0
				W33	246°	0
						0
5th Floor	R1	Residential	LKD	W1	246°	0.1
				W2	336°N	0
				W34	246°	0
				W35	246°	0.1
				W36	336°N	0
						0.1
5th Floor	R4	Residential	Bedroom	W5	336°N	0
						0
5th Floor	R5	Residential	Bedroom	W6	336°N	0
						0
5th Floor	R6	Residential	LKD	W7	336°N	0
				W8	66°N	0
				W9	336°N	0
				W10	66°N	0
				W11	66°N	0
						0
5th Floor	R8	Residential	Bedroom	W15	66°N	0
						0
5th Floor	R9	Residential	LKD	W16	66°N	0
				W17	66°N	0
						0
5th Floor	R10	Residential	LKD	W18	66°N	0
				W19	66°N	0
				W20	156°	0
						0
5th Floor	R13	Residential	Bedroom	W23	156°	0.5
						0.5
5th Floor	R14	Residential	Bedroom	W24	156°	0.5
						0.5
5th Floor	R15	Residential	LKD	W25	156°	1.3
				W26	246°	0
				W27	246°	0
						1.3
5th Floor	R16	Residential	LKD	W28	246°	0
				W29	246°	0
						0
5th Floor	R18	Residential	Studio	W31	246°	0
				W32	246°	0
				W33	246°	0
						0
6th Floor	R1	Residential	LKD	W1	246°	0.1
				W2	336°N	0
				W34	246°	0
				W35	246°	0.5
				W36	336°N	0
						0.6
6th Floor	R2	Residential	Bedroom	W3	336°N	0
						0
6th Floor	R3	Residential	Bedroom	W4	336°N	0
						0
6th Floor	R7	Residential	Studio	W12	66°N	0
				W13	66°N	0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
				W14	66°N	0
						0
6th Floor	R10	Residential	LKD	W18	66°N	0
				W19	66°N	0
				W20	156°	0
						0
6th Floor	R11	Residential	Bedroom	W21	156°	0.5
						0.5
6th Floor	R12	Residential	Bedroom	W22	156°	0.5
						0.5
6th Floor	R15	Residential	LKD	W25	156°	1.4
				W26	246°	0
				W27	246°	0
						1.4
6th Floor	R16	Residential	LKD	W28	246°	0
				W29	246°	0
						0
6th Floor	R17	Residential	Bedroom	W30	246°	0
						0
6th Floor	R18	Residential	Studio	W31	246°	0
				W32	246°	0
				W33	246°	0
						0
7th Floor	R1	Residential	LKD	W1	246°	0.1
				W2	336°N	0
				W34	246°	0.5
				W35	246°	1.2
				W36	336°N	0
						1.2
7th Floor	R4	Residential	Bedroom	W5	336°N	0
						0
7th Floor	R5	Residential	Bedroom	W6	336°N	0
						0
7th Floor	R6	Residential	LKD	W7	336°N	0
				W8	66°N	0
				W9	336°N	0
				W10	66°N	0
				W11	66°N	0
						0
7th Floor	R8	Residential	Bedroom	W15	66°N	0
						0
7th Floor	R9	Residential	LKD	W16	66°N	0
				W17	66°N	0
						0
7th Floor	R10	Residential	LKD	W18	66°N	0
				W19	66°N	0
				W20	156°	0.2
						0.2
7th Floor	R13	Residential	Bedroom	W23	156°	0.5
						0.5
7th Floor	R14	Residential	Bedroom	W24	156°	0.5
						0.5
7th Floor	R15	Residential	LKD	W25	156°	1.6
				W26	246°	0.1
				W27	246°	0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						1.7
7th Floor	R16	Residential	LKD	W28	246°	0
				W29	246°	0
						0
7th Floor	R18	Residential	Studio	W31	246°	0
				W32	246°	0.6
				W33	246°	0
						0.6
8th Floor	R1	Residential	LKD	W1	246°	0.1
				W2	336°N	0
				W34	246°	1.5
				W35	246°	2.1
				W36	336°N	0
						2.2
8th Floor	R2	Residential	Bedroom	W3	336°N	0
						0
8th Floor	R3	Residential	Bedroom	W4	336°N	0
						0
8th Floor	R7	Residential	Studio	W12	66°N	0
				W13	66°N	0
				W14	66°N	0
						0
8th Floor	R10	Residential	LKD	W18	66°N	0
				W19	66°N	0
				W20	156°	0.3
						0.3
8th Floor	R11	Residential	Bedroom	W21	156°	0.5
						0.5
8th Floor	R12	Residential	Bedroom	W22	156°	0.5
						0.5
8th Floor	R15	Residential	LKD	W25	156°	1.8
				W26	246°	0.2
				W27	246°	0
						1.9
8th Floor	R16	Residential	LKD	W28	246°	0
				W29	246°	0
						0
8th Floor	R17	Residential	Bedroom	W30	246°	0.5
						0.5
8th Floor	R18	Residential	Studio	W31	246°	1.1
				W32	246°	2.1
				W33	246°	0.4
						2.5
9th Floor	R1	Residential	LKD	W1	246°	0.4
				W2	336°N	0
				W34	246°	2.8
				W35	246°	3.4
				W36	336°N	0
						3.8
9th Floor	R4	Residential	Bedroom	W5	336°N	0
						0
9th Floor	R5	Residential	Bedroom	W6	336°N	0
						0
9th Floor	R6	Residential	LKD	W7	66°N	0
				W8	336°N	0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
				W9	336°N	0
				W10	66°N	0
				W11	66°N	0
						0
9th Floor	R8	Residential	Bedroom	W15	66°N	0
						0
9th Floor	R9	Residential	LKD	W16	66°N	0
				W17	66°N	0
						0
9th Floor	R10	Residential	LKD	W18	66°N	0
				W19	66°N	0
				W20	156°	0.3
						0.3
9th Floor	R13	Residential	Bedroom	W23	156°	0.5
						0.5
9th Floor	R14	Residential	Bedroom	W24	156°	0.5
						0.5
9th Floor	R15	Residential	LKD	W25	156°	1.9
				W26	246°	0.1
				W27	246°	0.3
						2.3
9th Floor	R16	Residential	LKD	W28	246°	0.7
				W29	246°	2.1
						2.2
9th Floor	R18	Residential	Studio	W31	246°	2.3
				W32	246°	3.4
				W33	246°	1.6
						3.7
10th Floor	R1	Residential	LKD	W1	246°	0.6
				W2	336°N	0
				W26	246°	3.4
				W27	246°	4.1
				W28	336°N	0
						4.1
10th Floor	R2	Residential	Bedroom	W3	336°N	0
						0
10th Floor	R3	Residential	Bedroom	W4	336°N	0
						0
10th Floor	R7	Residential	Studio	W12	66°N	0
				W13	66°N	0
				W14	66°N	0
						0
10th Floor	R9	Residential	LKD	W16	66°N	0
				W17	66°N	0
				W18	156°	4.3
						4.3
10th Floor	R10	Residential	LKD	W19	246°	1.1
				W20	156°	5.1
				W21	246°	3.9
						8.9
10th Floor	R11	Residential	Bedroom	W22	246°	3.4
						3.4
10th Floor	R12	Residential	Studio	W23	246°	3.1
				W24	246°	4.1
				W25	246°	2

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						4.1
11th Floor	R1	Residential	LKD	W1	246°	0.6
				W2	336°N	0
				W30	246°	3.4
				W31	246°	4.1
				W32	336°N	0
						4.1
11th Floor	R4	Residential	Bedroom	W5	336°N	0
						0
11th Floor	R5	Residential	Bedroom	W6	336°N	0
						0
11th Floor	R6	Residential	LKD	W7	66°N	0
				W8	336°N	0
				W9	336°N	0
				W10	66°N	0
				W11	66°N	0
						0
11th Floor	R8	Residential	Bedroom	W15	66°N	0
						0
11th Floor	R9	Residential	Bedroom	W16	66°N	0
						0
11th Floor	R10	Residential	LKD	W17	66°N	0
				W18	156°	4.3
				W19	156°	4.5
				W20	156°	4.9
						4.9
11th Floor	R11	Residential	LKD	W21	156°	4.5
				W22	246°	1.2
				W23	156°	5.1
				W24	156°	4.8
						6.2
11th Floor	R14	Residential	Studio	W27	246°	3.1
				W28	246°	4.1
				W29	246°	2
						4.1
12th Floor	R1	Residential	LKD	W1	246°	0.6
				W2	336°N	0
				W30	246°	3.4
				W31	246°	4.1
				W32	336°N	0
						4.1
12th Floor	R2	Residential	Bedroom	W3	336°N	0
						0
12th Floor	R3	Residential	Bedroom	W4	336°N	0
						0
12th Floor	R7	Residential	Studio	W12	66°N	0
				W13	66°N	0
				W14	66°N	0
						0
12th Floor	R10	Residential	LKD	W17	66°N	0
				W18	156°	4.3
				W19	156°	4.5
				W20	156°	4.9
						4.9
12th Floor	R11	Residential	LKD	W21	156°	4.5

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
				W22	246°	1
				W23	156°	5.1
				W24	156°	4.8
						6.1
12th Floor	R12	Residential	Bedroom	W25	246°	4.1
						4.1
12th Floor	R13	Residential	Bedroom	W26	246°	3.4
						3.4
12th Floor	R14	Residential	Studio	W27	246°	3.1
				W28	246°	4.1
				W29	246°	2
						4.1
13th Floor	R1	Residential	LKD	W1	246°	0.6
				W2	336°N	0
				W30	246°	3.4
				W31	246°	4.1
				W32	336°N	0
						4.1
13th Floor	R4	Residential	Bedroom	W5	336°N	0
						0
13th Floor	R5	Residential	Bedroom	W6	336°N	0
						0
13th Floor	R6	Residential	LKD	W7	66°N	0
				W8	336°N	0
				W9	336°N	0
				W10	66°N	0
				W11	66°N	0
						0
13th Floor	R8	Residential	Bedroom	W15	66°N	0
						0
13th Floor	R9	Residential	Bedroom	W16	66°N	0
						0
13th Floor	R10	Residential	LKD	W17	66°N	0
				W18	156°	4.3
				W19	156°	4.5
				W20	156°	4.9
						4.9
13th Floor	R11	Residential	LKD	W21	156°	4.5
				W22	246°	1.2
				W23	156°	5.1
				W24	156°	4.8
						6.2
13th Floor	R14	Residential	Studio	W27	246°	3.1
				W28	246°	4.1
				W29	246°	2
						4.1
14th Floor	R1	Residential	LKD	W1	246°	0.6
				W2	336°N	0
				W30	246°	3.4
				W31	246°	4.1
				W32	336°N	0
						4.1
14th Floor	R2	Residential	Bedroom	W3	336°N	0
						0
14th Floor	R3	Residential	Bedroom	W4	336°N	0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						0
14th Floor	R7	Residential	Studio	W12	66°N	0
				W13	66°N	0
				W14	66°N	0
						0
14th Floor	R10	Residential	LKD	W17	66°N	0
				W18	156°	4.4
				W19	156°	4.7
				W20	156°	4.9
						4.9
14th Floor	R11	Residential	LKD	W21	156°	4.5
				W22	246°	1
				W23	156°	5.1
				W24	156°	4.8
						6.1
14th Floor	R12	Residential	Bedroom	W25	246°	4.1
						4.1
14th Floor	R13	Residential	Bedroom	W26	246°	3.4
						3.4
14th Floor	R14	Residential	Studio	W27	246°	3.1
				W28	246°	4.1
				W29	246°	2
						4.1
15th Floor	R1	Residential	LKD	W1	246°	0.6
				W2	336°N	0
				W30	246°	3.4
				W31	246°	4.1
				W32	336°N	0
						4.1
15th Floor	R4	Residential	Bedroom	W5	336°N	0
						0
15th Floor	R5	Residential	Bedroom	W6	336°N	0
						0
15th Floor	R6	Residential	LKD	W7	66°N	0
				W8	336°N	0
				W9	336°N	0
				W10	66°N	0
				W11	66°N	0
						0
15th Floor	R8	Residential	Bedroom	W15	66°N	0
						0
15th Floor	R9	Residential	Bedroom	W16	66°N	0
						0
15th Floor	R10	Residential	LKD	W17	66°N	0
				W18	156°	4.4
				W19	156°	4.7
				W20	156°	4.9
						4.9
15th Floor	R11	Residential	LKD	W21	156°	4.7
				W22	246°	1.2
				W23	156°	5.1
				W24	156°	4.9
						6.3
15th Floor	R14	Residential	Studio	W27	246°	3.1
				W28	246°	4.1

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
16th Floor	R1	Residential	LKD	W29	246°	2
						4.1
				W1	246°	0.6
				W2	336°N	0
				W30	246°	3.4
16th Floor	R2	Residential	Bedroom	W31	246°	4.1
				W32	336°N	0
						4.1
				W3	336°N	0
						0
16th Floor	R3	Residential	Bedroom	W4	336°N	0
						0
16th Floor	R7	Residential	Studio	W12	66°N	0
				W13	66°N	0
				W14	66°N	0
						0
16th Floor	R10	Residential	LKD	W17	66°N	0
				W18	156°	4.7
				W19	156°	4.9
				W20	156°	5.1
						5.1
16th Floor	R11	Residential	LKD	W21	156°	4.8
				W22	246°	1
				W23	156°	5.1
				W24	156°	5
						6.1
16th Floor	R12	Residential	Bedroom	W25	246°	4.1
						4.1
16th Floor	R13	Residential	Bedroom	W26	246°	3.4
						3.4
16th Floor	R14	Residential	Studio	W27	246°	3.1
				W28	246°	4.1
				W29	246°	2
						4.1
17th Floor	R1	Residential	LKD	W1	246°	0.6
				W2	336°N	0
				W30	246°	3.4
				W31	246°	4.1
				W32	336°N	0
						4.1
17th Floor	R4	Residential	Bedroom	W5	336°N	0
						0
17th Floor	R5	Residential	Bedroom	W6	336°N	0
						0
17th Floor	R6	Residential	LKD	W7	66°N	0
				W8	336°N	0
				W9	336°N	0
				W10	66°N	1.1
				W11	66°N	0.1
						1.1
17th Floor	R8	Residential	Bedroom	W15	66°N	0
						0
17th Floor	R9	Residential	Bedroom	W16	66°N	0
						0
17th Floor	R10	Residential	LKD	W17	66°N	0.3

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
				W18	156°	5
				W19	156°	5.3
				W20	156°	5.3
						5.3
17th Floor	R11	Residential	LKD	W21	156°	5.1
				W22	246°	1.2
				W23	156°	5.4
				W24	156°	5.3
17th Floor	R14	Residential	Studio			6.5
				W27	246°	3.1
				W28	246°	4.1
				W29	246°	2
18th Floor	R1	Residential	LKD			4.1
				W1	246°	0.6
				W2	336°N	0
				W30	246°	3.4
18th Floor	R2	Residential	Bedroom	W31	246°	4.1
				W32	336°N	0
						4.1
						0
18th Floor	R3	Residential	Bedroom	W3	336°N	0
						0
				W4	336°N	0
						0
18th Floor	R7	Residential	Studio			1.1
				W12	66°N	0
				W13	66°N	1.1
				W14	66°N	0
18th Floor	R10	Residential	LKD			5.6
				W17	66°N	1
				W18	156°	5.3
				W19	156°	5.3
18th Floor	R11	Residential	LKD	W20	156°	5.3
						5.6
				W21	156°	5.5
				W22	246°	1
18th Floor	R12	Residential	Bedroom	W23	156°	5.5
				W24	156°	5.5
						6.5
				W25	246°	4.1
18th Floor	R13	Residential	Bedroom			4.1
				W26	246°	3.4
						3.4
				W27	246°	3.1
18th Floor	R14	Residential	Studio	W28	246°	4.1
				W29	246°	2
						4.1
						4.1
19th Floor	R1	Residential	LKD	W1	246°	0.6
				W2	336°N	0
				W30	246°	3.4
				W31	246°	4.1
19th Floor	R4	Residential	Bedroom	W32	336°N	0
						4.1
						0
				W5	336°N	0
19th Floor	R5	Residential	Bedroom			0
				W6	336°N	0
						0
						0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
19th Floor	R6	Residential	LKD	W7	66°N	0
				W8	336°N	0
				W9	336°N	0
				W10	66°N	1.1
				W11	66°N	0.1
						1.1
19th Floor	R8	Residential	Bedroom	W15	66°N	0.1
						0.1
19th Floor	R9	Residential	Bedroom	W16	66°N	1.1
						1.1
19th Floor	R10	Residential	LKD	W17	66°N	1.5
				W18	156°	5.3
				W19	156°	5.3
				W20	156°	5.3
						6.1
19th Floor	R11	Residential	LKD	W21	156°	5.5
				W22	246°	1.2
				W23	156°	5.5
				W24	156°	5.5
						6.7
19th Floor	R14	Residential	Studio	W27	246°	3.1
				W28	246°	4.1
				W29	246°	2
						4.1
20th Floor	R1	Residential	LKD	W1	246°	0.6
				W2	336°N	0
				W30	246°	3.4
				W31	246°	4.1
				W32	336°N	0
						4.1
20th Floor	R2	Residential	Bedroom	W3	336°N	0
						0
20th Floor	R3	Residential	Bedroom	W4	336°N	0
						0
20th Floor	R7	Residential	Studio	W12	66°N	0
				W13	66°N	1.1
				W14	66°N	0
						1.1
20th Floor	R10	Residential	LKD	W17	66°N	1.5
				W18	156°	5.3
				W19	156°	5.3
				W20	156°	5.3
						6.1
20th Floor	R11	Residential	LKD	W21	156°	5.5
				W22	246°	1
				W23	156°	5.5
				W24	156°	5.5
						6.5
20th Floor	R12	Residential	Bedroom	W25	246°	4.1
						4.1
20th Floor	R13	Residential	Bedroom	W26	246°	3.4
						3.4
20th Floor	R14	Residential	Studio	W27	246°	3.1
				W28	246°	4.1
				W29	246°	2

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						4.1
21st Floor	R1	Residential	LKD	W1	246°	0.6
				W2	336°N	0
				W30	246°	3.4
				W31	246°	4.1
				W32	336°N	0
21st Floor	R4	Residential	Bedroom	W5	336°N	0
						0
21st Floor	R5	Residential	Bedroom	W6	336°N	0
						0
21st Floor	R6	Residential	LKD	W7	66°N	0
				W8	336°N	0
				W9	336°N	0
				W10	66°N	1.1
				W12	66°N	0.1
21st Floor	R8	Residential	Bedroom	W15	66°N	0.1
						0.1
21st Floor	R9	Residential	Bedroom	W16	66°N	1.1
						1.1
21st Floor	R10	Residential	LKD	W17	66°N	1.5
				W18	156°	5.3
				W19	156°	5.3
				W20	156°	5.3
						6.1
21st Floor	R11	Residential	LKD	W21	156°	5.5
				W22	246°	1.2
				W23	156°	5.5
				W24	156°	5.5
						6.7
21st Floor	R14	Residential	Studio	W27	246°	3.1
				W28	246°	4.1
				W29	246°	2
						4.1
22nd Floor	R1	Residential	LKD	W1	246°	0.6
				W2	336°N	0
				W30	246°	3.4
				W31	246°	4.1
				W32	336°N	0
						4.1
22nd Floor	R2	Residential	Bedroom	W3	336°N	0
						0
22nd Floor	R3	Residential	Bedroom	W4	336°N	0
						0
22nd Floor	R7	Residential	Studio	W11	66°N	0
				W13	66°N	1.1
				W14	66°N	0
						1.1
22nd Floor	R10	Residential	LKD	W17	66°N	1.5
				W18	156°	5.3
				W19	156°	5.3
				W20	156°	5.3
						6.1
22nd Floor	R11	Residential	LKD	W21	156°	5.5

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
				W22	246°	1
				W23	156°	5.5
				W24	156°	5.5
						6.5
22nd Floor	R12	Residential	Bedroom	W25	246°	4.1
						4.1
22nd Floor	R13	Residential	Bedroom	W26	246°	3.4
						3.4
22nd Floor	R14	Residential	Studio	W27	246°	3.1
						4.1
						2
						4.1
23rd Floor	R1	Residential	LKD	W1	246°	0.6
						0
						3.4
						4.1
						0
						4.1
23rd Floor	R4	Residential	Bedroom	W5	336°N	0
						0
23rd Floor	R5	Residential	Bedroom	W6	336°N	0
						0
23rd Floor	R6	Residential	LKD	W7	66°N	0
						0
						0
						1.1
						0.1
						1.1
23rd Floor	R8	Residential	Bedroom	W15	66°N	0.1
						0.1
23rd Floor	R9	Residential	Bedroom	W16	66°N	1.1
						1.1
23rd Floor	R10	Residential	LKD	W17	66°N	1.5
						5.3
						5.3
						5.3
						6.1
23rd Floor	R11	Residential	LKD	W21	156°	5.5
						1.2
						5.5
						5.5
						6.7
23rd Floor	R14	Residential	Studio	W27	246°	3.1
						4.1
						2
						4.1
24th Floor	R1	Residential	LKD	W1	246°	0.6
						0
						3.4
						0
						4.1
						4.1
24th Floor	R2	Residential	Bedroom	W3	336°N	0
						0
24th Floor	R3	Residential	Bedroom	W4	336°N	0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						0
24th Floor	R7	Residential	Studio	W11	66°N	0
				W13	66°N	1.1
				W14	66°N	0
						1.1
24th Floor	R10	Residential	LKD	W17	66°N	1.5
				W18	156°	5.3
				W19	156°	5.3
				W20	156°	5.3
		6.1				
24th Floor	R11	Residential	LKD	W21	156°	5.5
				W22	246°	1
				W23	156°	5.5
				W24	156°	5.5
		6.5				
24th Floor	R12	Residential	Bedroom	W25	246°	4.1
						4.1
24th Floor	R13	Residential	Bedroom	W26	246°	3.4
						3.4
24th Floor	R14	Residential	Studio	W27	246°	3.1
				W28	246°	4.1
				W29	246°	2
						4.1
25th Floor	R1	Residential	LKD	W1	336°N	0
				W2	336°N	0
				W3	336°N	0
				W26	246°	0.5
		0.5				
25th Floor	R6	Residential	Bedroom	W11	66°N	1.1
						1.1
25th Floor	R7	Residential	Bedroom	W12	66°N	1.1
						1.1
25th Floor	R8	Residential	LKD	W13	66°N	1
				W14	156°	5.3
				W15	156°	5.3
				W16	156°	5.3
		6.1				
25th Floor	R9	Residential	LKD	W17	156°	5.5
				W18	156°	5.5
				W19	246°	0.4
				W20	156°	5.5
		5.9				
25th Floor	R12	Residential	Bedroom	W23	246°	4.1
						4.1
25th Floor	R13	Residential	Bedroom	W24	246°	4.1
						4.1
25th Floor	R14	Residential	Bedroom	W25	246°	4.1
						4.1
26th Floor	R2	Residential	LKD	W4	336°N	0
				W5	336°N	0
				W6	336°N	0
				W7	66°N	0
		0				
26th Floor	R3	Residential	Bedroom	W8	66°N	1.1
						1.1

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
26th Floor	R4	Residential	Bedroom	W9	66°N	1.1
						1.1
26th Floor	R5	Residential	Bedroom	W10	66°N	1.1
						1.1
26th Floor	R8	Residential	LKD	W13	66°N	2.5
				W14	156°	5.3
				W15	156°	5.3
				W16	156°	5.3
						6.1
26th Floor	R9	Residential	LKD	W17	156°	5.5
				W18	156°	5.5
				W19	246°	1.3
				W20	156°	5.5
						6.8
26th Floor	R10	Residential	Bedroom	W21	246°	4.1
						4.1
26th Floor	R11	Residential	Bedroom	W22	246°	4.1
						4.1
H2 & H3						
1st Floor	R1	Residential	Bedroom	W1	66°N	0.7
						0.7
1st Floor	R2	Residential	LKD	W2	66°N	0.5
				W3	66°N	0.4
						0.5
2nd Floor	R1	Residential	LKD	W1	246°	0.3
				W2	336°N	0
						0.3
2nd Floor	R2	Residential	Studio	W3	336°N	0
				W4	336°N	0
						0
2nd Floor	R6	Residential	Bedroom	W9	66°N	2.2
						2.2
2nd Floor	R7	Residential	Bedroom	W10	66°N	0.6
						0.6
2nd Floor	R8	Residential	LKD	W11	66°N	1.7
				W12	156°	1.6
						2.7
2nd Floor	R9	Residential	Bedroom	W13	66°N	0.9
						0.9
2nd Floor	R10	Residential	LKD	W14	66°N	0.5
				W15	66°N	0.4
						0.5
2nd Floor	R13	Residential	LKD	W19	336°N	0
				W20	66°N	0
						0
2nd Floor	R14	Residential	Bedroom	W21	66°N	0
						0
2nd Floor	R15	Residential	Bedroom	W22	66°N	0.1
						0.1
2nd Floor	R18	Residential	LKD	W25	66°N	0.4
				W26	156°	1.8
						2
2nd Floor	R19	Residential	Studio	W27	156°	2.1

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						2.1
2nd Floor	R20	Residential	LKD	W28	156°	2.5
				W29	246°	0.7
						3.2
2nd Floor	R21	Residential	Bedroom	W30	246°	2.2
						2.2
2nd Floor	R22	Residential	Bedroom	W31	246°	2
						2
2nd Floor	R24	Residential	LKD	W34	246°	0.1
				W35	336°N	0
						0.1
2nd Floor	R25	Residential	LKD	W36	246°	0.8
						0.8
2nd Floor	R26	Residential	Bedroom	W37	246°	0.3
						0.3
2nd Floor	R28	Residential	LKD	W39	246°	0
						0
2nd Floor	R29	Residential	LKD	W40	156°	1.7
				W41	246°	0
						1.7
2nd Floor	R31	Residential	Bedroom	W44	246°	0
						0
2nd Floor	R32	Residential	Bedroom	W45	246°	0
				W46	336°N	0
						0
3rd Floor	R3	Residential	LKD	W5	336°N	0
				W6	66°N	0
						0
3rd Floor	R4	Residential	Bedroom	W7	66°N	0.6
						0.6
3rd Floor	R5	Residential	Bedroom	W8	66°N	0.6
						0.6
3rd Floor	R11	Residential	LKD	W16	66°N	0.3
				W17	66°N	0.1
						0.3
3rd Floor	R12	Residential	Bedroom	W18	66°N	0
						0
3rd Floor	R16	Residential	Bedroom	W23	66°N	0
						0
3rd Floor	R17	Residential	Bedroom	W24	66°N	0
						0
3rd Floor	R18	Residential	LKD	W25	66°N	0.5
				W26	156°	2
						2.2
3rd Floor	R19	Residential	Studio	W27	156°	2.3
				W28	156°	0
						2.3
3rd Floor	R20	Residential	LKD	W29	156°	3.6
				W30	246°	0.7
						4.3
3rd Floor	R23	Residential	Bedroom	W33	246°	2.2
				W34	246°	2.2
						2.2
3rd Floor	R24	Residential	LKD	W35	246°	0.1
				W36	336°N	0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						0.1
3rd Floor	R25	Residential	LKD	W37	246°	0.8
						0.8
3rd Floor	R27	Residential	Bedroom	W39	246°	1.3
						1.3
3rd Floor	R28	Residential	LKD	W40	246°	0
						0
3rd Floor	R29	Residential	LKD	W41	156°	1.7
				W42	246°	0
						1.7
3rd Floor	R30	Residential	Bedroom	W43	156°	0
				W44	246°	0
						0
4th Floor	R1	Residential	LKD	W1	246°	0.3
				W2	336°N	0
						0.3
4th Floor	R2	Residential	Studio	W3	336°N	0
				W4	336°N	0
						0
4th Floor	R6	Residential	Bedroom	W9	66°N	2.2
						2.2
4th Floor	R7	Residential	Bedroom	W10	66°N	0.6
						0.6
4th Floor	R8	Residential	LKD	W11	66°N	1.7
				W12	156°	1.8
						2.7
4th Floor	R9	Residential	Bedroom	W13	66°N	1.3
						1.3
4th Floor	R10	Residential	LKD	W14	66°N	0.6
				W15	66°N	0.6
						0.6
4th Floor	R13	Residential	LKD	W19	336°N	0
				W20	66°N	0
						0
4th Floor	R14	Residential	Bedroom	W21	66°N	0
						0
4th Floor	R15	Residential	Bedroom	W22	66°N	0.5
						0.5
4th Floor	R18	Residential	LKD	W25	66°N	0.5
				W26	156°	2.1
						2.3
4th Floor	R19	Residential	Studio	W27	156°	2.3
				W28	156°	0
						2.3
4th Floor	R20	Residential	LKD	W29	156°	3.8
				W30	246°	0.7
						4.5
4th Floor	R21	Residential	Bedroom	W31	246°	2.5
						2.5
4th Floor	R22	Residential	Bedroom	W32	246°	2.5
						2.5
4th Floor	R24	Residential	LKD	W35	246°	0.1
				W36	336°N	0
						0.1
4th Floor	R25	Residential	LKD	W37	246°	0.8

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						0.8
4th Floor	R26	Residential	Bedroom	W38	246°	0.3
						0.3
4th Floor	R28	Residential	LKD	W40	246°	0
						0
4th Floor	R29	Residential	LKD	W41	156°	1.7
				W42	246°	0
						1.7
4th Floor	R31	Residential	Bedroom	W45	246°	0
						0
4th Floor	R32	Residential	Bedroom	W46	246°	0
				W47	336°N	0
						0
5th Floor	R3	Residential	LKD	W5	336°N	0
				W6	66°N	0
						0
5th Floor	R4	Residential	Bedroom	W7	66°N	0.6
						0.6
5th Floor	R5	Residential	Bedroom	W8	66°N	0.6
						0.6
5th Floor	R11	Residential	LKD	W17	66°N	0.6
				W18	66°N	0.4
						0.6
5th Floor	R12	Residential	Bedroom	W19	66°N	0
						0
5th Floor	R16	Residential	Bedroom	W25	66°N	0
						0
5th Floor	R17	Residential	Bedroom	W26	66°N	0
						0
5th Floor	R18	Residential	LKD	W27	66°N	0.7
				W28	156°	2.1
						2.3
5th Floor	R19	Residential	Studio	W29	156°	2.3
				W30	156°	0
						2.3
5th Floor	R20	Residential	LKD	W31	156°	3.8
				W32	246°	1
						4.8
5th Floor	R23	Residential	Bedroom	W35	246°	2.5
				W36	246°	2.3
						2.5
5th Floor	R24	Residential	LKD	W37	246°	0.1
				W38	336°N	0
						0.1
5th Floor	R25	Residential	LKD	W39	246°	0.8
						0.8
5th Floor	R27	Residential	Bedroom	W41	246°	1.5
						1.5
5th Floor	R28	Residential	LKD	W42	246°	0
						0
5th Floor	R29	Residential	LKD	W43	156°	1.7
				W44	246°	0
						1.7
5th Floor	R30	Residential	Bedroom	W45	156°	0
				W46	246°	0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						0
6th Floor	R1	Residential	LKD	W1	246°	0.3
				W2	336°N	0
						0.3
6th Floor	R2	Residential	Studio	W3	336°N	0
				W4	336°N	0
						0
6th Floor	R6	Residential	Bedroom	W9	66°N	2.2
						2.2
6th Floor	R7	Residential	Bedroom	W10	66°N	0.6
						0.6
6th Floor	R8	Residential	LKD	W11	66°N	1.7
				W12	156°	1.9
				W13	156°	0
						2.8
6th Floor	R9	Residential	Bedroom	W14	66°N	1.3
						1.3
6th Floor	R10	Residential	LKD	W15	66°N	0.6
				W16	66°N	0.6
						0.6
6th Floor	R13	Residential	LKD	W20	336°N	0
				W21	336°N	0
				W22	66°N	0
						0
6th Floor	R14	Residential	Bedroom	W23	66°N	0.2
						0.2
6th Floor	R15	Residential	Bedroom	W24	66°N	0.9
						0.9
6th Floor	R18	Residential	LKD	W27	66°N	1
				W28	156°	2.3
						2.5
6th Floor	R19	Residential	Studio	W29	156°	2.3
				W30	156°	0
						2.3
6th Floor	R20	Residential	LKD	W31	156°	3.8
				W32	246°	1.4
						5.2
6th Floor	R21	Residential	Bedroom	W33	246°	3
						3
6th Floor	R22	Residential	Bedroom	W34	246°	2.8
						2.8
6th Floor	R24	Residential	LKD	W37	246°	0.1
				W38	336°N	0
						0.1
6th Floor	R25	Residential	LKD	W39	246°	1
						1
6th Floor	R26	Residential	Bedroom	W40	246°	0.8
						0.8
6th Floor	R28	Residential	LKD	W42	246°	0.1
						0.1
6th Floor	R29	Residential	LKD	W43	156°	1.7
				W44	246°	0
						1.7
6th Floor	R31	Residential	Bedroom	W47	246°	0
						0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
6th Floor	R32	Residential	Bedroom	W48	246°	0
				W49	336°N	0
						0
7th Floor	R3	Residential	LKD	W5	336°N	0
				W6	66°N	0
						0
7th Floor	R4	Residential	Bedroom	W7	66°N	0.6
						0.6
7th Floor	R5	Residential	Bedroom	W8	66°N	0.6
						0.6
7th Floor	R11	Residential	LKD	W17	66°N	0.6
				W18	66°N	0.4
						0.6
7th Floor	R12	Residential	Bedroom	W19	66°N	0
						0
7th Floor	R16	Residential	Bedroom	W25	66°N	0
						0
7th Floor	R17	Residential	Bedroom	W26	66°N	0
						0
7th Floor	R18	Residential	LKD	W27	66°N	1.2
				W28	156°	2.7
						3
7th Floor	R19	Residential	Studio	W29	156°	2.7
				W30	156°	0
						2.7
7th Floor	R20	Residential	LKD	W31	156°	3.8
				W32	246°	1.4
						5.2
7th Floor	R23	Residential	Bedroom	W35	246°	2.5
				W36	246°	2.3
						2.5
7th Floor	R24	Residential	LKD	W37	246°	0.2
				W38	336°N	0
						0.2
7th Floor	R25	Residential	LKD	W39	246°	1.7
						1.7
7th Floor	R27	Residential	Bedroom	W41	246°	2.1
						2.1
7th Floor	R28	Residential	LKD	W42	246°	0.9
						0.9
7th Floor	R29	Residential	LKD	W43	156°	1.7
				W44	246°	0
						1.7
7th Floor	R30	Residential	Bedroom	W45	156°	0.1
				W46	246°	0.3
						0.3
8th Floor	R1	Residential	LKD	W1	246°	0.3
				W2	336°N	0
						0.3
8th Floor	R2	Residential	Studio	W3	336°N	0
				W4	336°N	0
						0
8th Floor	R6	Residential	Bedroom	W9	66°N	2.2
						2.2
8th Floor	R7	Residential	Bedroom	W10	66°N	0.6

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						0.6
8th Floor	R8	Residential	LKD	W11	66°N	1.7
				W12	156°	1.9
				W13	156°	0
						2.8
8th Floor	R9	Residential	Bedroom	W14	66°N	1.3
						1.3
8th Floor	R10	Residential	LKD	W15	66°N	0.6
				W16	66°N	0.6
						0.6
8th Floor	R13	Residential	LKD	W20	336°N	0
				W21	336°N	0
				W22	66°N	0
						0
8th Floor	R14	Residential	Bedroom	W23	66°N	0.6
						0.6
8th Floor	R15	Residential	Bedroom	W24	66°N	2.2
						2.2
8th Floor	R18	Residential	LKD	W27	66°N	1.7
				W28	156°	3.1
						3.3
8th Floor	R19	Residential	Studio	W29	156°	3
				W30	156°	0
						3
8th Floor	R20	Residential	LKD	W31	156°	3.9
				W32	246°	1.4
						5.2
8th Floor	R21	Residential	Bedroom	W33	246°	3
						3
8th Floor	R22	Residential	Bedroom	W34	246°	2.8
						2.8
8th Floor	R24	Residential	LKD	W37	246°	0.8
				W38	336°N	0
						0.8
8th Floor	R25	Residential	LKD	W39	246°	2.2
						2.2
8th Floor	R26	Residential	Bedroom	W40	246°	1.9
						1.9
8th Floor	R28	Residential	LKD	W42	246°	1.2
						1.2
8th Floor	R29	Residential	LKD	W43	156°	1.7
				W44	246°	0
						1.7
8th Floor	R31	Residential	Bedroom	W47	246°	0
						0
8th Floor	R32	Residential	Bedroom	W48	246°	0
				W49	336°N	0
						0
9th Floor	R3	Residential	LKD	W5	336°N	0
				W6	66°N	0
						0
9th Floor	R4	Residential	Bedroom	W7	66°N	0.6
						0.6
9th Floor	R5	Residential	Bedroom	W8	66°N	0.6
						0.6

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
9th Floor	R11	Residential	LKD	W17	66°N	0.6
				W18	66°N	0.4
						0.6
9th Floor	R12	Residential	Bedroom	W19	66°N	0
						0
9th Floor	R16	Residential	Bedroom	W25	66°N	0.6
						0.6
9th Floor	R17	Residential	Bedroom	W26	66°N	0.6
						0.6
9th Floor	R18	Residential	LKD	W27	66°N	2
				W28	156°	3.3
						3.5
9th Floor	R19	Residential	Studio	W29	156°	3
				W30	156°	0
						3
9th Floor	R20	Residential	LKD	W31	156°	3.9
				W32	246°	1.4
						5.3
9th Floor	R23	Residential	Bedroom	W35	246°	2.7
				W36	246°	2.9
						2.9
9th Floor	R24	Residential	LKD	W37	246°	1.5
				W38	336°N	0
						1.5
9th Floor	R25	Residential	LKD	W39	246°	2.8
						2.8
9th Floor	R27	Residential	Bedroom	W41	246°	3.1
						3.1
9th Floor	R28	Residential	LKD	W42	246°	1.2
						1.2
9th Floor	R29	Residential	LKD	W43	156°	1.7
				W44	246°	0
						1.7
9th Floor	R30	Residential	Bedroom	W45	156°	0.1
				W46	246°	0.3
						0.3
10th Floor	R1	Residential	LKD	W1	246°	0.3
				W2	336°N	0
						0.3
10th Floor	R2	Residential	Studio	W3	336°N	0
				W4	336°N	0
						0
10th Floor	R6	Residential	Bedroom	W9	66°N	2.2
						2.2
10th Floor	R7	Residential	Bedroom	W10	66°N	0.6
						0.6
10th Floor	R8	Residential	LKD	W11	66°N	1.7
				W12	156°	1.9
				W13	156°	0
						2.8
10th Floor	R9	Residential	Bedroom	W14	66°N	1.3
						1.3
10th Floor	R10	Residential	LKD	W15	66°N	0.6
				W16	66°N	0.6
						0.6

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
10th Floor	R13	Residential	LKD	W20	336°N	0
				W21	336°N	0
				W22	66°N	0
				W23	66°N	0.6
						0.6
10th Floor	R14	Residential	Bedroom	W24	66°N	2.2
						2.2
10th Floor	R17	Residential	LKD	W27	66°N	2
				W28	156°	3.9
						4
10th Floor	R18	Residential	Studio	W29	156°	3
				W30	156°	0
						3
10th Floor	R19	Residential	LKD	W31	156°	4
				W32	246°	1.5
						5.5
10th Floor	R20	Residential	Bedroom	W33	246°	3.1
						3.1
10th Floor	R21	Residential	Bedroom	W34	246°	3.1
						3.1
10th Floor	R23	Residential	LKD	W37	246°	1.9
				W38	336°N	0
						1.9
10th Floor	R24	Residential	LKD	W39	246°	2.8
						2.8
10th Floor	R25	Residential	Bedroom	W40	246°	2.2
						2.2
10th Floor	R27	Residential	LKD	W42	246°	1.2
						1.2
10th Floor	R28	Residential	LKD	W43	156°	1.7
				W44	246°	0
						1.7
10th Floor	R30	Residential	Bedroom	W47	246°	0
						0
10th Floor	R31	Residential	Bedroom	W48	246°	0
				W49	336°N	0
						0
11th Floor	R3	Residential	LKD	W5	336°N	0
				W6	66°N	0
						0
11th Floor	R4	Residential	Bedroom	W7	66°N	0.6
						0.6
11th Floor	R5	Residential	Bedroom	W8	66°N	0.6
						0.6
11th Floor	R11	Residential	LKD	W17	66°N	0.6
				W18	66°N	0.4
						0.6
11th Floor	R12	Residential	Bedroom	W19	66°N	0
						0
11th Floor	R15	Residential	Bedroom	W25	66°N	0.6
						0.6
11th Floor	R16	Residential	Bedroom	W26	66°N	0.6
						0.6
11th Floor	R17	Residential	LKD	W27	66°N	2
				W28	156°	5.8

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						5.8
11th Floor	R18	Residential	Studio	W29	156°	4.5
				W30	156°	0
						4.5
11th Floor	R19	Residential	LKD	W31	156°	4.1
				W32	246°	1.6
						5.8
11th Floor	R22	Residential	Bedroom	W35	246°	3.7
				W36	246°	3.7
						3.7
11th Floor	R23	Residential	LKD	W37	246°	1.9
				W38	336°N	0
						1.9
11th Floor	R24	Residential	LKD	W39	246°	2.8
						2.8
11th Floor	R26	Residential	Bedroom	W41	246°	3.1
						3.1
11th Floor	R27	Residential	LKD	W42	246°	1.2
						1.2
11th Floor	R28	Residential	LKD	W43	156°	1.7
				W44	246°	0
						1.7
11th Floor	R29	Residential	Bedroom	W45	156°	0.1
				W46	246°	0.3
						0.3
12th Floor	R1	Residential	LKD	W1	246°	0.3
				W2	336°N	0
						0.3
12th Floor	R2	Residential	Studio	W3	336°N	0
				W4	336°N	0
						0
12th Floor	R6	Residential	Bedroom	W9	66°N	2.2
						2.2
12th Floor	R7	Residential	Bedroom	W10	66°N	0.6
						0.6
12th Floor	R8	Residential	LKD	W11	66°N	1.7
				W12	156°	1.9
				W13	156°	0
						2.8
12th Floor	R9	Residential	Bedroom	W14	66°N	1.3
						1.3
12th Floor	R10	Residential	LKD	W15	66°N	0.6
				W16	66°N	0.6
						0.6
12th Floor	R13	Residential	LKD	W20	336°N	0
				W21	336°N	0
				W22	66°N	0
				W23	66°N	0.6
						0.6
12th Floor	R14	Residential	Bedroom	W24	66°N	2.2
						2.2
12th Floor	R17	Residential	LKD	W27	66°N	2
				W28	156°	7.2
						7.2
12th Floor	R18	Residential	Studio	W29	156°	6.7

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
				W30	156°	0.4
						6.7
12th Floor	R19	Residential	LKD	W31	156°	5.9
				W32	246°	1.9
						7.8
12th Floor	R20	Residential	Bedroom	W33	246°	3.7
						3.7
12th Floor	R21	Residential	Bedroom	W34	246°	3.7
						3.7
12th Floor	R23	Residential	LKD	W37	246°	1.9
				W38	336°N	0
						1.9
12th Floor	R24	Residential	LKD	W39	246°	2.9
						2.9
12th Floor	R25	Residential	Bedroom	W40	246°	2.2
						2.2
12th Floor	R27	Residential	LKD	W42	246°	1.2
						1.2
12th Floor	R28	Residential	LKD	W43	156°	1.7
				W44	246°	0
						1.7
12th Floor	R30	Residential	Bedroom	W47	246°	0
						0
12th Floor	R31	Residential	Bedroom	W48	246°	0
				W49	336°N	0
						0
13th Floor	R3	Residential	LKD	W5	336°N	0
				W6	66°N	0
						0
13th Floor	R4	Residential	Bedroom	W7	66°N	0.6
						0.6
13th Floor	R5	Residential	Bedroom	W8	66°N	0.6
						0.6
13th Floor	R11	Residential	LKD	W17	66°N	0.6
				W18	66°N	0.4
						0.6
13th Floor	R12	Residential	Bedroom	W19	66°N	0
						0
13th Floor	R15	Residential	Bedroom	W25	66°N	0.6
						0.6
13th Floor	R16	Residential	Bedroom	W26	66°N	0.6
						0.6
13th Floor	R17	Residential	LKD	W27	66°N	2
				W28	156°	7.2
						7.2
13th Floor	R18	Residential	Studio	W29	156°	7.2
				W30	156°	1
						7.2
13th Floor	R19	Residential	LKD	W31	156°	7.2
				W32	246°	2.1
						9.3
13th Floor	R22	Residential	Bedroom	W35	246°	3.7
				W36	246°	3.7
						3.7
13th Floor	R23	Residential	LKD	W37	246°	2.1

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
				W38	336°N	0
						2.1
13th Floor	R24	Residential	LKD	W39	246°	2.9
						2.9
13th Floor	R26	Residential	Bedroom	W41	246°	3.1
						3.1
13th Floor	R27	Residential	LKD	W42	246°	3.4
						3.4
13th Floor	R28	Residential	LKD	W43	156°	1.7
				W44	246°	0
						1.7
13th Floor	R29	Residential	Bedroom	W45	156°	0.3
				W46	246°	0.3
						0.5
14th Floor	R1	Residential	LKD	W1	246°	0.3
				W2	336°N	0
						0.3
14th Floor	R2	Residential	Studio	W3	336°N	0
				W4	336°N	0
						0
14th Floor	R6	Residential	Bedroom	W9	66°N	2.2
						2.2
14th Floor	R7	Residential	Bedroom	W10	66°N	0.6
						0.6
14th Floor	R8	Residential	LKD	W11	66°N	1.7
				W12	156°	2
						0
						2.9
14th Floor	R9	Residential	LKD	W14	336°N	0
				W15	336°N	0
						0
						0.6
						0.6
14th Floor	R10	Residential	Bedroom	W18	66°N	2.2
						2.2
14th Floor	R13	Residential	LKD	W21	66°N	2
				W22	156°	7.2
						7.2
14th Floor	R14	Residential	Studio	W23	156°	7.2
				W24	156°	0.4
						7.2
14th Floor	R15	Residential	LKD	W25	156°	7.2
				W26	246°	1.9
						9.1
14th Floor	R16	Residential	Bedroom	W27	246°	3.7
						3.7
14th Floor	R17	Residential	Bedroom	W28	246°	3.7
						3.7
14th Floor	R19	Residential	LKD	W31	246°	1.9
				W32	336°N	0
						1.9
14th Floor	R20	Residential	LKD	W33	156°	1.8
				W34	246°	0
						1.8
14th Floor	R22	Residential	Bedroom	W37	246°	0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						0
14th Floor	R23	Residential	Bedroom	W38	246°	0
				W39	336°N	0
						0
15th Floor	R3	Residential	LKD	W5	336°N	0
				W6	66°N	0
						0
15th Floor	R4	Residential	Bedroom	W7	66°N	0.6
						0.6
15th Floor	R5	Residential	Bedroom	W8	66°N	0.6
						0.6
15th Floor	R7	Residential	Studio	W10	66°N	0.6
				W11	66°N	1.7
				W12	156°	2.4
				W13	156°	2.7
						3.7
15th Floor	R10	Residential	Bedroom	W19	66°N	0.6
						0.6
15th Floor	R11	Residential	Bedroom	W20	66°N	0.6
						0.6
15th Floor	R12	Residential	LKD	W21	66°N	2
				W22	156°	7.2
						7.2
15th Floor	R13	Residential	Studio	W23	156°	7.2
				W24	156°	0.4
						7.2
15th Floor	R14	Residential	LKD	W25	156°	7.2
				W26	246°	1.9
						9.1
15th Floor	R17	Residential	Bedroom	W29	246°	3.7
				W30	246°	3.7
						3.7
15th Floor	R18	Residential	LKD	W31	246°	1.9
				W32	336°N	0
						1.9
15th Floor	R19	Residential	LKD	W33	156°	2.1
				W34	246°	0
						2.1
15th Floor	R20	Residential	Bedroom	W35	156°	0.6
				W36	246°	0.3
						0.8
16th Floor	R1	Residential	LKD	W1	246°	0.3
				W2	336°N	0
						0.3
16th Floor	R2	Residential	Studio	W3	336°N	0
				W4	336°N	0
						0
16th Floor	R6	Residential	Bedroom	W9	66°N	0
						0
16th Floor	R7	Residential	Studio	W10	66°N	0.6
				W11	66°N	1.7
				W12	156°	4.2
				W13	156°	4.5
						5.4
16th Floor	R8	Residential	LKD	W14	336°N	0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
				W15	336°N	0
				W16	66°N	0
				W17	66°N	0.6
						0.6
16th Floor	R9	Residential	Bedroom	W18	66°N	2.2
						2.2
16th Floor	R12	Residential	LKD	W21	66°N	2
				W22	156°	7.2
						7.2
16th Floor	R13	Residential	Studio	W23	156°	7.2
				W24	156°	0.4
						7.2
16th Floor	R14	Residential	LKD	W25	156°	7.2
				W26	246°	1.9
						9.1
16th Floor	R15	Residential	Bedroom	W27	246°	3.7
						3.7
16th Floor	R16	Residential	Bedroom	W28	246°	3.7
						3.7
16th Floor	R18	Residential	LKD	W31	246°	1.9
				W32	336°N	0
						1.9
16th Floor	R19	Residential	LKD	W33	156°	2.2
				W34	246°	2.4
						3.3
16th Floor	R21	Residential	Bedroom	W37	246°	0
						0
16th Floor	R22	Residential	Bedroom	W38	246°	0
				W39	336°N	0
						0
17th Floor	R3	Residential	Bedroom	W6	66°N	0.6
						0.6
17th Floor	R4	Residential	Bedroom	W7	66°N	0.6
						0.6
17th Floor	R5	Residential	LKD	W8	66°N	2
				W9	156°	7.2
						7.2
17th Floor	R6	Residential	Studio	W10	156°	7.2
				W11	156°	0.4
						7.2
17th Floor	R7	Residential	LKD	W12	156°	7.2
				W13	246°	1.9
						9.1
17th Floor	R10	Residential	Bedroom	W16	246°	3.7
				W17	246°	3.7
						3.7
17th Floor	R11	Residential	LKD	W18	246°	1.9
				W19	336°N	0
						1.9
18th Floor	R1	Residential	Studio	W1	336°N	0
				W2	336°N	0
				W3	66°N	0
				W4	66°N	0.6
						0.6
18th Floor	R2	Residential	Bedroom	W5	66°N	0

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)
						0
18th Floor	R5	Residential	LKD	W8	66°N	2
				W9	156°	7.2
						7.2
18th Floor	R6	Residential	Studio	W10	156°	7.2
				W11	156°	1.2
						7.2
18th Floor	R7	Residential	LKD	W12	156°	7.2
				W13	246°	2.3
						9.4
18th Floor	R8	Residential	Bedroom	W14	246°	3.7
						3.7
18th Floor	R9	Residential	Bedroom	W15	246°	3.7
						3.7
18th Floor	R11	Residential	LKD	W18	246°	2.2
				W19	336°N	0
						2.2
19th Floor	R3	Residential	Bedroom	W6	66°N	0.6
						0.6
19th Floor	R4	Residential	Bedroom	W7	66°N	0.6
						0.6
19th Floor	R5	Residential	LKD	W8	66°N	2
				W9	156°	7.2
						7.2
19th Floor	R6	Residential	Studio	W10	156°	7.2
				W11	156°	3.5
						7.2
19th Floor	R7	Residential	LKD	W12	156°	7.2
				W13	246°	4.8
						9.5
19th Floor	R10	Residential	Bedroom	W16	246°	3.7
				W17	246°	3.7
						3.7
19th Floor	R11	Residential	LKD	W18	246°	3
				W19	336°N	0
						3

APPENDIX F

-

LAYOUT PLANS WITH DAYLIGHT ILLUMINANCE

DRAWING NOS. ROL7465_R53_V02_601-01 TO 602-19



EXISTING, SURROUNDING & ANALYSED BUILDINGS

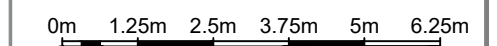
Z-MAPPING 3D MODEL
Received on 18/04/2016

Site and aerial photos.

PROPOSED BUILDINGS
SHEPPARD ROBSON ARCHITECTS' 3D MODEL
Received on 07/07/23

CONSENTED BUILDINGS

PANTER HUDSPITH ARCHITECTS' DRAWINGS & 3D MODE



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CLT	ST WILLIAM LLP
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CT TTL	CLARENDON ROAD HORNSEY, LONDON N8 PHASE 4. H1 H2 H3
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SCHEME RECEIVED: 07/07/23

DA	TARGET ILLUMINANCE
TTL	INTERNAL FLOOR LAYOUTS
	BLOCK H1

MODELLED BY: / DRAWN BY: AW/LG/AK/AH/EY	DAT 12/07/23	SCALE: 1:125	A3
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CT oLA o o	DRAWING No:
------------	-------------

ROL7465_R53_V02_	601-01
------------------	--------

Daylight & Sunlight



SOURCES OF INFORMATION:

EXISTING, SURROUNDING & ANALYSED BUILDINGS

Z-MAPPING 3D MODEL
Received on 18/04/2016

Site and aerial photos.

PROPOSED BUILDINGS

SHEPPARD ROBSON ARCHITECTS' 3D MODEL
Received on 07/07/23

CONSENTED BUILDINGS

PANTER HUDSPITH ARCHITECTS' DRAWINGS & 3D MODE



0m 1.25m 2.5m 3.75m 5m 6.25m

CT AT

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CT TTL CLARENDON ROAD
HORNSEY, LONDON N8
PHASE 4, H1 H2 H3

SCHEME SCHEME RECEIVED: 07/07/23

DA TTL TARGET ILLUMINANCE
INTERNAL FLOOR LAYOUTS
BLOCK H1

MODELLED BY: / DRAWN BY: DAT SCALE: 1:125 A3
AW/LG/AK/AH/EY 12/07/23

CT oLA o o DRAWING No:

ROL7465_R53_V02_601-02

Daylight & Sunlight

