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DAYLIGHT & SUNLIGHT REPORT

St Ann's Hospital
Haringey

Our Ref: 4797

December 2023

Contents

1	Introduction.....	2
2	Guidance.....	3
3	Application of the guidance.....	7
4	Planning Policy.....	9
5	Sources of Information & Assumptions	12
6	The Site and Proposal.....	13
7	Assessment results.....	14
8	Conclusions.....	22

Appendix 1 –	Drawings of the existing, proposed and surrounding buildings
Appendix 2 –	Detailed results of the daylight and sunlight assessment within neighbouring properties
Appendix 3 –	Results of the sunlight amenity (overshadowing) analysis (neighbouring spaces)
Appendix 4 –	Detailed results of the daylight and sunlight assessment within Phase 1
Appendix 5 –	Detailed results of the daylight and sunlight assessment within the proposed development (Phases 1b and 2)
Appendix 6–	Detailed results of façade assessment
Appendix 7 -	Results of the sunlight amenity (overshadowing) analysis (proposed spaces)

Report details

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Date of issue:	December 2023

1 Introduction

- 1.1.1 This daylight, sunlight overshadowing report is submitted on behalf of Peabody Trust and Hill Residential Limited (hereafter 'the Applicant') to accompany a Reserved Matters Application for the site at St Ann's Hospital, St Ann's Road, London N15 3TH ('the Site'). The RMA seeks detailed approval of the appearance, landscaping, layout and scale of Phases 1b and 2 of the outline component of the hybrid application at St Ann's Hospital, which covers Plots E – J on the illustrative masterplan
- 1.1.2 The methodology and criteria used for these assessments is provided by Building Research Establishment's (BRE) guidance 'Site layout planning for daylight and sunlight: A guide to good practice' (BRE 209 3rd edition, 2022), which in turn references the British Standard BS EN17037:2018 'Daylight in buildings'. The daylight and sunlight report for the original hybrid application was based on the methodologies in the 2011 version of the BRE Guidance and then updated to the 2022 guidance in a supplementary report. As such, the methodologies set out in this report are in line with those used for the consented hybrid application.
- 1.1.3 In order to carry out an assessment, we have generated a 3D computer model (Test Environment) of the proposed development and the relevant surrounding obstructions. Using this model and our specialist software, we have calculated the daylight and sunlight levels within the proposed new dwellings.
- 1.1.4 The numerical criteria suggested within the BRE guidelines has been applied to each of the assessments mentioned above. It is important to note that these guidelines are not a rigid set of rules but are advisory and need to be applied flexibly according to the specific context of a site.

2 Guidance

2.1 Daylight & sunlight for planning

'Site layout planning for daylight and sunlight: A guide to good practice', BRE 2022

- 2.1.1 The Building Research Establishment (BRE) Report 209, *'Site layout planning for daylight and sunlight: A guide to good practice'*, is the reference document used by most local authorities for assessing daylight and sunlight in relation to new developments. Commonly referred to as 'the BRE guidelines', it provides various testing methodologies to calculate the potential light levels received by neighbours of a development site and provided within proposed new development.
- 2.1.2 The guidance given within the BRE document makes direct reference to the British Standard BS EN17037 (2018) and the CIBSE (Chartered Institute of Building Services Engineers) guide LG10: Daylighting – a guide for designers (2014). It is intended to be used in conjunction with these documents, which provide guidance on the assessment of daylight and sunlight within new buildings.
- 2.1.3 Daylight and Sunlight to Neighbouring Properties
- 2.1.4 Detailed daylight assessments
- 2.1.5 The guidance outline two detailed methods for calculating daylight: the Vertical Sky Component (VSC) and the No-Sky Line (NSL).
- 2.1.6 The VSC test measures the amount of sky that is visible to a specific point on the outside of a property, which is directly related to the amount of daylight that can be received. It is measured on the outside face of the external walls, usually at the centre point of a window.
- 2.1.7 The NSL test calculates the distribution of daylight within rooms by determining the area of the room at desk / work surface height (the 'working plane') which can and cannot receive a direct view of the sky and hence 'sky light'. The working plane height is set at 850mm above floor level within residential property.
- 2.1.8 For the above methods, the guidance suggests that existing daylight may be noticeably affected by new development if: -
 - Windows achieve a VSC below 27% and are reduced to less than 0.8 times their former value; and / or
 - Levels of NSC within rooms are reduced to less than 0.8 times their former values.
- 2.1.9 Where rooms are greater than 5m in depth and lit from only one side, the guidance recognises that *"a greater movement of the no sky-line may be unavoidable"* (page 8, paragraph 2.2.10).

2.1.10 Outline Element of the Development (Phase 3)

2.1.11 In order to consider the effect of the reserved matters application on the outline buildings within phase 3, the following methodology was applied. For an outline application, window/room positions and sizes will not be fixed. Therefore, assessing the potential daylight received on facades of outline blocks identified as part of the outline element provides a sound basis for assessment, for which the VSC test is appropriate. This measures the amount of sky that is visible to a specific point on the outside of a property, which is directly related to the amount of daylight that can be received.

2.1.12 The VSC is measured on the outside face of the external walls, usually at the centre point of a window. The maximum VSC value that can be achieved on an unobstructed vertical face is c. 40%.

2.1.13 The BRE guidelines advise that a VSC of at least 27% indicates good daylight potential, which equates to an obstruction of uniform height subtending an angle of 25° to the horizontal. This is representative of a typical residential street of low-rise terraced housing i.e. a suburban environment, rather than a more dense or urban environment.

2.1.14 Paragraph 2.1.6 of the guidance notes, subject to the room use and roughly speaking, if the VSC is:

- at least 27% (i.e. the angle of obstruction is less than 25° and angle of visible is greater than 65°) conventional window design will usually give reasonable results;
- between 15% and 27% (i.e. the angle of obstruction is between 25° and 45° and the angle of visible is between 45° and 65°) special measures (larger windows, changes to room layout) are usually needed to provide adequate daylight;
- between 5% and 15% (i.e. the angle of obstruction is between 45° and 65° and the angle of visible is between 25° and 45°) it is necessary to very large windows to ensure adequate daylight; and
- less than 5% (i.e. the angle of obstruction is greater than 65° and angle of visible is less than 25°) it is often impossible to achieve reasonable daylight, even if the whole window wall is glazed.

2.1.15 The VSC has been calculated using the maximum extents of each building within the parameters of the outline element.

Daylight to new buildings

2.1.16 The 2022 update to the BRE 209 document was published on 9th June 2022. The new guidance reflects the UK National Annex of the British Standard: BS EN17037 (2018) and provides two methodologies for assessing the internal daylight amenity to new residential properties. These assessment methods are known as

‘Daylight Illuminance’ or ‘Daylight Factor’ and either test can be used to understand the daylight levels within the new dwellings. The tests are described in more detail below: -

Daylight Illuminance Assessment

- 2.1.17 The Daylight Illuminance method utilises climactic data for the location of the site, based on a weather file for a typical or average year, to calculate the illuminance at points within a room on at least hourly intervals across a year. The illuminance is calculated across an assessment grid sat at the reference plane (usually desk height).
- 2.1.18 The guidance provides target illuminance levels that should be achieved across at least half of the reference plane for half of the daylight hours within a year.¹ The targets set out within the national annex are as follows:
- Bedrooms – 100 Lux
 - Living Rooms – 150 Lux
 - Kitchens – 200 Lux
- 2.1.19 For spaces with a shared use rooms the guidance notes that discretion should be used and, for example, a target of 150 Lux may be appropriate in a Living / Kitchen / Dining Room where the kitchens are not ‘habitable’ space and small separate kitchens are avoided.

Daylight Factor Assessment

- 2.1.20 The Daylight Factor method involves the computation of the daylight factor at each calculation point on the assessment grid.
- 2.1.21 The daylight factor is a ratio between internal and external illuminance expressed as a percentage. The calculation uses the CIE overcast sky model and is independent of orientation and location. In order to account for different climatic conditions at different locations different daylight factor targets may be applied for different cities with targets varying throughout the UK.
- 2.1.22 The daylight factor targets are to be achieved over at least 50% of the room assessment grid and are expressed as a median figure. For London these median daylight factor targets are:
- Bedrooms – 0.7%
 - Living Rooms – 1.1%
 - Kitchens – 1.4%
- 2.1.23 For multi-purpose living / kitchen / diner arrangements the higher ‘kitchen’

¹ The European Standard also includes a minimum illuminance target to be achieved over 95% of the reference plane however this need not apply to dwellings in the UK.

targets can be difficult to achieve due to the depth of internal space. In such cases, the 2022 BRE guidance states:

"C17 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."

Sunlight to new buildings

- 2.1.24 In respect of direct sunlight, the 2022 BRE guidance reflects the BS EN17037 recommendation that a space should receive a minimum of 1.5 hours of direct sunlight on a selected date between 1st February and 21st March with cloudless conditions. It is suggested that 21st March (equinox) be used for the assessment.
- 2.1.25 For dwellings, at least one habitable room, preferably a main living room, should meet at least the minimum criterion.
- 2.1.26 Where a group of dwellings are planned the site layout and design should maximise the number of dwellings with main living rooms meeting these targets. It is also advised that a dwelling has at least one window wall facing within 90 degrees of due south.

Sunlight to gardens and outdoor spaces

- 2.1.27 Where sunlight to an amenity space may be affected by new development, the BRE guidelines recommend that an overshadowing assessment is conducted. The key analysis is the '2hr sun on ground' test, which quantifies the proportion of an amenity area (e.g. rear gardens, parks and playing fields, public squares etc.) receiving at least 2hrs of sun on the 21st of March.
- 2.1.28 The BRE guidance recognises that different types of amenity space may have different sun lighting requirements. Generally, the guidelines suggest that if at least 50% of an amenity area receives at least 2hrs of sun on 21st March, then it is likely to be adequately lit throughout the year. If an existing neighbouring open space receives less than 50%, then the guidelines suggest that the loss in sunlight may be noticeable if it is reduced below 0.8 times its former value.

3 Application of the guidance

3.1 Scope of assessment

Assessment of Proposed Units

- 3.1.1 Our assessment has considered all of the proposed residential units within the scheme. The daylight assessment considers all of the main habitable rooms (bedrooms, living rooms, kitchens etc.), toilets, hallways and staircases are not considered habitable use.

3.2 Application of the numerical criteria

- 3.2.1 The opening paragraphs of the BRE guidelines state:

"1.6 The guide is intended for building designers and their clients, consultants, and planning officials. The advice given here is not mandatory and the guide should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design (see Section 5). 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."

- 3.2.2 It is therefore very important to apply the BRE guidance sensibly and flexibly, with careful consideration of the specific site context. Its numerical targets theoretically apply to any built environment, from city centres to rural villages. However, in more tightly constrained environments, achieving the default BRE targets can be very challenging and conflict with other beneficial factors of site layout design.

- 3.2.3 With the above in mind, rigid adherence to the BRE in certain situations could easily result in an inappropriate form of development. In which case it may be appropriate to adopt lower target values more appropriate to the location concerned. This is acknowledged in the BRE guidance at paragraph 2.2.3 (page 14):

"Note that numerical values given here are purely advisory. Different criteria maybe used, based on the requirements for daylighting in an area viewed against other site layout constraints."

Criteria for daylight assessment within Proposed Units

"2.1.14 Living rooms and kitchens need more daylight than bedrooms, so where there is a choice it is best to site the living room or kitchen away from obstructions. Dual-storey maisonette-type apartments may be planned with the main living rooms on the upper storey and the bedrooms on the lower floor for

this reason. Areas without a special requirement for daylight, like bathrooms, stairwells, garages, and storage areas, can occupy the most obstructed areas such as internal corners of buildings. In mixed use developments commercial uses may occupy the less well daylighted areas, allowing residential parts to have better access to light."

Criteria for sunlight assessment within Proposed Units

"3.1.14 The BS EN 17037 criteria are intended to apply to minimum, medium, and high levels of sunlight in a range of situations. However, in special circumstances the designer or planning authority may wish to choose a different target value for hours of sunlight. If sunlight is particularly important in a building, a higher target value or different target date may be chosen, although the risk of overheating needs to be borne in mind. Section 4 gives guidance on passive solar design. Conversely, if in a particular development sunlight is deemed to be less important but still worth checking for, a lower target value could be used. In either case, the sunpath indicators in Appendix A will still show whether the hours of sunlight received meet the target."

4 Planning Policy

- 4.1.1 We have considered local, regional and national planning policy relating to daylight and sunlight. In general terms, planning policy advises that new development will only be permitted where it is shown to provide suitable amenity for occupants.
- 4.1.2 The need to provide suitable levels of amenity with new dwellings is echoed within recent publications from the Mayor of London and the Secretary of State for Housing, Communities and Local Government. Although, these documents also stress that current guidance needs to be used flexibly where developments are located in urban areas and intend to achieve higher densities. Specifically, these documents suggest that the nationally applicable criteria given within the BRE guidance needs to be applied in consideration of the development's context.

4.2 London Borough of Haringey - local Plan (2017)

Development Management DPD

Privacy and amenity

Policy DM1: Delivering High Quality Design Haringey Development Charter

D(a): All new development and changes of use must achieve a high standard of design and contribute to the distinctive character and amenity of the local area. The Council will support design-led development proposals which meet the following criteria:

Provide appropriate sunlight, daylight and open aspects (including private amenity space where required) to all parts of the development and adjacent buildings and land;

4.2.1 Section 2.9

The Council recognises that amenity can be compromised in a number of ways through development such as detrimental loss of daylight and sunlight to existing and adjacent occupiers; loss of privacy and outlook due to the proximity and design of developments; harmful noise, odour, vibration and air pollution from existing and proposed developments (typically commercial activities and other activities such as rail); developments with the potential to endanger highway safety; and cause detrimental micro-climate effects. Buildings should therefore be compatible with their local environment and conditions.

4.3 The London Plan – The Mayor of London (March 2021)

- 4.3.1 The Mayor of London's New London Plan gives the following: -

Policy D6 Housing quality and standards

"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."

4.4 The Housing SPG – The Mayor of London (March 2016)

- 4.4.1 The London Plan Housing SPG confirms the flexibility that should be applied in the interpretation of the BRE guidelines having regard to the 'need to optimise capacity; and scope for the character and form of an area to change over time.'

1.3.45. Policy 7.6Bd requires new development to avoid causing 'unacceptable harm' to the amenity of surrounding land and buildings, particularly in relation to privacy and overshadowing and where tall buildings are proposed. An appropriate degree of flexibility needs to be applied when using BRE guidelines to assess the daylight and sunlight impacts of new development on surrounding properties, as well as within new developments themselves. 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.

1.3.46 The degree of harm on adjacent properties and 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 and avoid unacceptable harm.

4.5 The National Planning Policy Framework - Department for Housing, Communities and Local Government (July 2021)

- 4.5.1 The latest version of the National Planning Policy Framework was issued in July 2021. The document sets out planning policies for England and how these are expected to be applied. In respect of daylight and sunlight it stresses the need to make optimal use of sites and to take a flexible approach to daylight and sunlight guidance. Para 125 States: -

11. Making effective use of land

Achieving appropriate densities

"125. Area-based character assessments, design guides and codes and masterplans can be used to help ensure that land is used efficiently while also creating beautiful and sustainable places. Where there is an existing or anticipated shortage of land for meeting identified housing needs, it is especially important that planning policies and decisions avoid homes being built at low densities, and ensure that developments make optimal use of the potential of each site. In these circumstances:

c) 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).

5 Sources of Information & Assumptions

5.1.1 A measured survey, architectural drawings, site photographs, photogrammetry and Ordnance Survey information have been used to create a 3D computer model of the proposed development in the context of the existing site and surrounding buildings.

5.1.2 The full list of source of information can be found at Appendix 1.

5.2 Material reflectance values

Surface	Reflectance value
Interior walls	0.8 (white paint)
Interior ceilings	0.8 (white paint)
Floors	0.2 (light grey flooring)
Exterior walls and obstructions	0.2-0.3 depending on the materiality
Exterior ground	0.2

5.3 Glazing properties

5.3.1 We have assumed that the glazing used within the development will be standard clear double glazed with a low emissivity coating with a diffuse transmittance factor of 0.68. We have also applied a window framing factor, to account for the proportion of frame to glazing. We have quantified this by measuring areas for windows across the proposed development.

5.3.2 A frame factor has been applied in order to understand the ratio of the glass to the overall window aperture area. To determine the frame factor, an average of four typical windows has been taken and has given a value of 0.89

5.3.3 We have also applied a maintenance factor to the windows to account for the build-up of dirt. We have applied a maintenance factor of 0.92.

6 The Site and Proposal

- 6.1.1 The Site is situated to the south of St Ann's Road and occupies a 7.2ha parcel of land with a number of buildings that use to form part of the St Ann's hospital site. The site is bounded to the north by the residential properties at St Ann's Road, a café and a community centre. The site is bounded to the south by the Overground railway line and the rear gardens of properties in Warwick Gardens to the west. The site is bounded to the east by the refurbished St Ann's Hospital site, the hospital buildings range from 2-3 storeys and vary in style, including a new build elements and refurbished post war buildings.
- 6.1.2 This is an application for the approval of reserved matters respect of appearance, landscaping, layout and scale relating to Phases 1b and 2 associated with the outline component of planning permission HGY/2022/1833 for *"Outline planning permission (with all matters reserved except for access) for Phases 1B, 2 and 3, for: (a) the erection of new buildings for residential development (Use Class C3) and a flexible range of non-residential uses within Use Class E, F1/F2; (b) provision of associated pedestrian and cycle accesses; (c) landscaping including enhancements to the St Ann's Hospital Wood and Tottenham Railsides Site of Importance for Nature Conservation (SINC); and, (d) car and cycle parking spaces and servicing spaces.*

7 Assessment results

7.1 Daylight and sunlight to neighbouring buildings

7.1.1 As this is a Reserved Matters application, this report focusses on the residential properties in close proximity to Phase 1b and 2. Phase 1 of the development was subject to planning consent under planning reference no. HGY/2022/1833 and we have reviewed the results for the properties neighbouring Phase 1 and the results show similar daylight / sunlight levels.

7.1.2 Our assessment has considered all of the relevant neighbouring properties with windows overlooking the proposed Phase 1B and 2 development. Drawings of the existing and proposed development can be found at Appendix 1, with the results of the technical analysis at Appendix 2. The properties considered relevant for assessment at listed and shown in image 1 below:

- 67-109 Warwick Gardens
- 23-65 Warwick Gardens
- St Anns Hospital Building 4 (with outpatient facility)
- 11, 13, 21, 33 Oakdale Road (test windows)



Image 1 - Existing site and neighbouring context

7.1.3 It is common practice to assess residential properties and habitable rooms within residential property as the BRE guide states that non habitable spaces such as bathrooms, toilets, storerooms, circulation areas and garages need not be analysed.

7.1.4 In addition to the residential use the Hospital buildings that will be in use as an

outpatient facility (labelled Hospital Building 4 on the plots) have been included within the scope of our assessment as the guidelines state that the BRE guidelines may also be applied to any existing non-domestic building where they have a reasonable expectation of daylight.

7.1.5 The properties listed below are fully compliant with respect to both daylight (VSC and NSL) and sunlight (APSH). As such, with the proposal in place, these properties show full compliance with the BRE guideline targets and therefore will not be discussed in more detail within this report:

- 23-65 Warwick Gardens (odds)
- 11, 13, 21 and 33 Oakdale Road

7.1.6 The remaining properties have been discussed with further commentary:

67-109 Warwick Gardens



Image 2 – Rear elevation of 67-109 Warwick Gardens

7.1.7 This five-storey block of residential flats is located to the west of the site. The rear elevation will have a direct view of the Phase 1b of the proposed development. The design of this building is as such that there are overhanging access decks at the first and third floor which constrains the outlook of the rooms below and causes them to be sensitive to changes and developments on neighbouring sites. In addition to the sensitivity highlighted above, the entrances and the ground floor are set back further behind the building façade under a recessed porch.

Daylight

7.1.8 The results of the VSC analysis have shown 54 of the 59 windows would experience no noticeable reduction to VSC levels and are therefore compliant

with the BRE targets. The remaining 5 windows that are located underneath the overhanging porch and with the proposal in place, would experience a noticeable reduction in VSC levels. These windows can be identified as W2, W5, W8, W11 and W15 and are all secondary windows serving the room, with the main and primary window showing no noticeable reduction in VSC levels. Whilst these windows indicate deviations from the BRE targets, the reduction in VSC is c.1.2% VSC in absolute terms and as such, the 'real world' impacts are unlikely to be noticeable to the occupant. Given the secondary nature of the windows, together with the low absolute reduction in VSC, the results should be considered in line with the overall intentions of the BRE guidelines.

- 7.1.9 The results of the NSC assessment have shown no noticeable reduction in NSC levels and are therefore fully compliant with the BRE guidance.

Sunlight

- 7.1.10 For sunlight, there is only one room with windows orientated towards 90 degrees of due south. This room shows full compliance with the BRE guidelines, experiencing APSH levels of 42% APSH and 12% WPSH. These levels are therefore well in excess of the BRE targets of 25% total APSH and 5% during the winter months.

St Ann's Hospital Building 4



Image 3 – Aerial image of St Ann's Hospital Building 4

- 7.1.11 This hospital building is located to the southeast of the site, with a number of windows that will have a direct and oblique view of the proposals. This property is also in use as outpatient services and is transient in use of the occupiers. Our understanding of this property is based on assumptions.

Daylight

- 7.1.12 The results of the VSC analysis have shown, 64 of the 78 windows assessed would experience no noticeable reduction to VSC levels and are therefore compliant with the BRE targets. The remaining 14 windows are situated at ground floor (identified as W25, W27, W39-W43) and first floor (identified as W23 and W35-W40). This is an improvement from the consented position.
- 7.1.13 The results of the VSC assessment show that these rooms would experience a reduction of between 20-51% of their former values. Whilst some of these reductions are relatively large, it should be noted that this property enjoys a relatively open outlook in the existing condition. With the proposal in place, the retained VSC levels remain on or in excess of 14.7% VSC in absolute terms, with many windows showing levels higher than this of up to 25% VSC. The VSC calculations only consider the centre point of the window, however, we note the actual size of the windows are large. As such, the room itself will remain well daylight in the proposed condition as evidenced in the NSL assessment which shows full compliance and therefore the 'real world' reduction in is unlikely to be noticeable to the occupants. Although the reductions from former values are significant, this building is in use as an outpatient facility and therefore this space is transient in nature and as such is not classified as permanent habitable use. Given the transient nature of the space and therefore having a lower expectation for daylight and sunlight, together with the retained VSC levels, the results should be considered acceptable.
- 7.1.14 As previously mentioned, the results of the NSL assessment show no noticeable reduction to the No-Sky Line Contour and therefore are fully compliant with the BRE guidelines

Sunlight

- 7.1.15 None of the rooms within this property serve main residential living rooms and are therefore not considered relevant for assessment under the APSH assessment.

7.2 Overshadowing to neighbouring amenity

- 7.2.1 As this is a Reserved Matters application, this report again focusses on impacts in close proximity to Phase 1b and 2. Notwithstanding this, technical analysis considering the overshadowing impacts upon the neighbouring amenity spaces to all the whole development area has been undertaken and can be found at Appendix 3.
- 7.2.2 The results of the sunlight amenity (overshadowing) analysis have shown that all of the amenity areas assessed will exceed the target of 50% therefore the scheme is fully BRE compliant with respect to overshadowing to neighbouring amenity

7.3 Daylight and Sunlight within the proposed new dwellings in Phase 1

- 7.3.1 Phase 1 of the development was subject to planning consent under planning

reference no. HGY/2022/1833 and detailed technical analysis was provided as part of the planning submission.

- 7.3.2 Whilst the scheme for Phase 1b and 2 is in line with the outline massing extents, technical analysis of the daylight / sunlight levels within the proposed Phase 1 accommodation has been undertaken and can be found at Appendix 4.
- 7.3.3 The results of the daylight / sunlight levels Phase 1 show similar levels to those provided as part of planning application no. HGY/2022/1833 and are therefore consistent with the intentions of the BRE criteria.

7.4 Daylight and Sunlight within the proposed new dwellings

- 7.4.1 We have undertaken an assessment of the internal amenity to the proposed units in line with the assessments set out in the 2022 BRE guidance document. We have worked very closely with the architects throughout the design stage, carrying out iterative assessments to steer and maximise daylight and sunlight potential within the scheme. This is reflected in the high levels of compliance in both internal daylight and sunlight assessments. The results of these assessments are attached within the Appendix 5.
- 7.4.2 Daylight illuminance has been assessed for the proposed dwellings and the results are summarised in the table below:

Daylight

Block	No. of rooms assessed	Rooms meeting target
Block J1	155	150 (97%)
Block J2	137	132 (96%)
Block J3	119	113 (95%)
Block G1	70	70 (100%)
Block G2	152	152 (100%)
Block F1	114	96 (84%)
Block F2	110	86 (78%)
Block F3	80	59 (74%)
Block H1	57	48 (84%)
Block H2	148	118 (80%)
Block H3	93	77 (83%)
Block H4	116	88 (76%)
Block E	84	71 (85%)

Total	1435	1260 (88%)
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Table 1 - Summary daylight results for proposed accommodation

- 7.4.3 The results of the daylight assessments show 1260 (88%) of the 1435 habitable rooms assessed will meet the daylight illuminance target.
- 7.4.4 The rooms that see daylight illuminance levels below the targets are comprised of 79 L/K/D's, 11 kitchens and 85 bedrooms.
- 7.4.5 The 79 L/K/D's show median levels of between 29-149 lux, compared with the target of 150 lux. These multiple use rooms also contain a dining and kitchen areas that have been included within our assessment and therefore these spaces are inherently larger than a single use room. In addition, the most constrained rooms are limited by balconies which whilst they are beneficial to the future occupier in providing a private amenity space, they directly limit the daylight potential to the rooms set beneath. Whilst the depth of the spaces reduces the level of light achieved over 50% of the assessment grid the main living areas closest to the windows of these spaces will enjoy comparatively higher daylight levels.
- 7.4.6 The 11 kitchens which show levels below the targets show daylight levels between 147-199 lux, compared with the BRE target of 200 lux. These kitchens are generally located at the lower levels and show levels either just below or in excess of the levels expected for a main living room. These kitchens all serve units where the main living rooms would experience daylight levels in line with the BRE targets, therefore confirming a well-lit living space to the future occupiers.
- 7.4.7 The remaining 85 rooms are bedrooms. The BRE guidance sets out that bedrooms are less important and this should be considered when applying the BRE criteria. These bedrooms are generally located in the most constrained locations being in corners or beneath overhanging balconies. Whilst these rooms show levels below the suggested targets, the majority of the rooms retain good light levels, with 55 of these rooms retaining median levels in excess of 50 lux.

Sunlight

No. Units	No. Units Meeting the Target
450	350 (78%)

Table 2 - Summary sunlight results for proposed accommodation

- 7.4.8 In respect of direct sunlight, the target is for all units to have at least one habitable room achieving at least 1.5 hours of direct sunlight on March 21st regardless of the orientation. Ideally this is to be achieved in main living rooms.
- 7.4.9 Our analysis has shown that 350 (78%) of the 450 units would experience sunlight

levels in line with the BRE targets and are therefore compliant with the BRE guidance.

- 7.4.10 The remaining 100 units principally have rooms which do not look directly due south and therefore have a lower propensity for sunlight. Whilst these rooms deviate from the BRE targets, given the isolated number in a large housing development, the results should be considered in line with the intentions of the BRE criteria.

7.5 Daylight and sunlight within the proposal – Phase 3 (outline)

- 7.5.1 As the residential element of the scheme is in outline, the daylight and sunlight amenity provided within the proposed residential accommodation has been assessed using the VSC and APSH façade analysis tests following the methodology of the BRE guidance. Our assessment was based on the maximum parameters for the outline Phase 3 and the results can be found at Appendix 6.
- 7.5.2 This analysis was historically undertaken as part of the consented application under reference no. HGY/2022/1833 and the results show the daylight / sunlight potential is proportionately the same as the consented scheme.

7.6 Overshadowing to proposed amenity space

- 7.6.1 In addition to the daylight / sunlight provision within the proposed units we have also considered the quality of the sunlight availability to the amenity areas within the scheme. Our assessment considers the consented massing for Phase 1A, detailed massing for Phases 1B / 2 and illustrative massing for Phase 3 to assess the impact upon the proposed amenity. It should be noted that the existing peace garden has been considered in assessment of existing amenity spaces and sees excellent levels of sunlight with the proposal in place. The results of the technical analysis can be found at Appendix 7.
- 7.6.2 As this is a Reserved Matters application, this report focusses on the residential properties in close proximity to Phase 1b and 2. Phase 1 of the development was subject to planning consent under planning reference no. HGY/2022/1833 and we have reviewed the results for the properties neighbouring Phase 1 and the results show similar sunlight levels and are therefore considered in line with the intentions of the BRE criteria.
- 7.6.3 The Areas A8, A9, A10, A14, A15, A17 and A34 are situated within Phase 1B / 2. The results for these areas have shown 6 of the 7 areas assessed would see at least 2 hours of direct sunlight on the 21st of March.
- 7.6.4 The remaining are, A17 falls below the guideline target on the 21st March and achieves c.30.4% (compared with the target of 50%). These results are common in L-shaped and courtyard buildings where the building forms a partly enclosed space and causes the space to be overshadowed. Despite this transgression, the

future occupiers who are in close proximity to this space will also have access to other well sunlit proposed communal amenity areas and therefore there will be abundant areas of well sunlit amenity space available to the occupants.

- 7.6.5 We have carried out a supplementary assessment in the summer months as this is the time where the amenity areas are most likely to be utilised. The results of this assessment show that on the 21st of June, all of the amenity spaces will greatly exceed the target of 50% of their areas receiving at least 2 hours of sun. Area A17 sees 92% of its area with 2 hours of direct sunlight at this time of year.
- 7.6.6 When looking at the supplementary 1.5-hour assessment in on the 21st of March, the results show that all spaces will see levels close to or will exceed the 50% target, confirming that the technical deviation from the targets will have no material effect on the quality of the space.
- 7.6.7 The total figure of all the proposed amenity areas across the site combined sees a compliance rate of c.79% of the amenity areas receiving 2-hours of sun on the 21st March and therefore overall, the sunlight amenity levels are considered to be good. This compliance rate increases to 97% when considering the 21st June assessment.

8 Conclusions

- 8.1.1 This practice has undertaken a detailed assessment of the daylight and sunlight levels within the proposed development under the methodologies provided under the BRE guidance 2022.

8.2 Daylight and sunlight impact to neighbouring properties

- 8.2.1 Our assessments have been undertaken using the VSC, NSC (daylight) and APSH (sunlight) tests set out within the BRE guidance 'Site layout planning for daylight and sunlight: A guide to good practice' (2022). It is important to reiterate that alterations in daylight and sunlight to adjoining properties are often inevitable when undertaking any meaningful development, especially in an urban environment or where the existing site is low level and therefore an alteration in daylight/ sunlight is expected. Therefore, the BRE guide is meant to be interpreted flexibly because natural lighting is only one of many factors in site layout design. Indeed, the guidelines suggest that different criteria may be used based upon the requirements for natural lighting in an area viewed against other constraints.
- 8.2.2 The results of these tests have shown that, whilst there will be some reductions to individual windows, this is generally due to the presence of overhanging access decks/ porches or the open existing outlook. The hospital building 4 experiences some larger effects; however the windows generally retain a VSCs of at least c.14.7% which is considered a reasonably good level of light. Additionally, it should be noted that the VSC calculations do not account for the size of the window. The windows serving this hospital building are so large that the rooms will remain well daylight with the proposed scheme in place and therefore the 'real world' reduction to these windows are unlikely to be noticeable to the occupants, this is evidenced with the NSL assessment which demonstrates that none of the rooms assessed will experience a noticeable reduction in the No-Sky Line and therefore will be fully BRE compliant. Considering this space is in use as an outpatient facility and therefore the reliance on natural light is somewhat lower due to the transient nature of the occupiers. The assessment of the sunlight analysis shows all of the relevant rooms will remain BRE complaint with the proposals in place.

8.3 Overshadowing impact to neighbouring properties

- 8.3.1 The assessment of sunlight amenity (overshadowing) within the surrounding amenity areas assessed has shown that all 35 amenity areas will exceed the target of 50% of their areas receiving 2hours of sun on March 21st. The scheme is therefore considered to be fully BRE compliant with respect to neighbouring amenity.

8.4 Daylight and sunlight within the residential units -phase 1A

- 8.4.1 As assessment of the daylight / sunlight levels within the rooms within Phase 1A has been undertaken and the results have shown similar results to the consented application.

8.5 Daylight and sunlight within the proposed residential units – phase 1B and 2

- 8.5.1 The assessment of daylight within the proposed apartments has shown that the vast majority of rooms receive good levels in excess of the relevant BRE targets. The results of the daylight illuminance analysis have shown that 88% of the rooms meet the daylight criteria. We have worked closely with the architects throughout the design stage to maximise daylight and sunlight potential within the proposed accommodation.
- 8.5.2 Results of the sunlight assessment have shown that 78% of the units would achieve the recommended total sunlight exposure criteria. The lower levels of both daylight and sunlight stem from the requirement to provide external balconies and the wider site constraints.

8.6 Daylight and sunlight within the proposed residential units – (outline) phase 3

- 8.6.1 As assessment of the daylight / sunlight levels within the proposed facades within the outline element of Phase 3 has been undertaken and the results have shown similar results to the consented application.

8.7 Overshadowing / sunlight within the proposed amenity areas

- 8.7.1 The results of the overshadowing assessment have shown that all but one of the amenity spaces within the Phases considered in the RMA would be above the BRE suggested targets. Supplementary analysis considering the 1.5-hour assessment on the 21st March, together with an assessment on the 21st of June have shown that all areas would comply with these tests.
- 8.7.2 Overall, the results show high levels of compliance with the BRE targets in terms of both the effects to neighbours and internal amenity within the proposals. The scheme is therefore considered to be consistent with the intentions of the BRE guidance and policy requirements in respect of daylight and sunlight.



Appendix 1

Drawings of the existing, proposed and surrounding buildings



Sources of information

Digital Inc.
SA0711-DIG-XX-ZZ-M3-G-000002-RoL-
Model-C01.dwg
Received 12/07/2021

AccuCities
002034_Moorfields Eye Hospital,Haringey_
HD_MASTER.dwg
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Karakusevic Carson Architects

Phase1 (Detailed)
A (N15301-KCA-AX-ZZ-M3-A-01000)
B (N15301-KCA-BX-ZZ-M3-A-01000)
C (N15301-KCA-C1-ZZ-M3-A-01000)
C2/C3 (N15301-KCA-CX-ZZ-M3-A-01000)
D1/D2(N15301-KCA-DX-ZZ-M3-A-01000)
D3 (N15301-KCA-D3-ZZ-M3-A-01000)
Phase2 (Max Parameter)
N15301-KCA-ZZ-ZZ-M3-A-01001
Received 11/04/2022

Design Freeze
Received 23/06/2023

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Ordnance Survey

Key:



Existing

NORTH



Project St. Ann's Hospital,
Haringey
London

Title Existing Condition
Plan View

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C (N15301-KCA-C1-ZZ-M3-A-01000)
C2/C3 (N15301-KCA-CX-ZZ-M3-A-01000)
D1/D2(N15301-KCA-DX-ZZ-M3-A-01000)
D3 (N15301-KCA-D3-ZZ-M3-A-01000)

Phase2 (Max Parameter)
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Key:

Existing

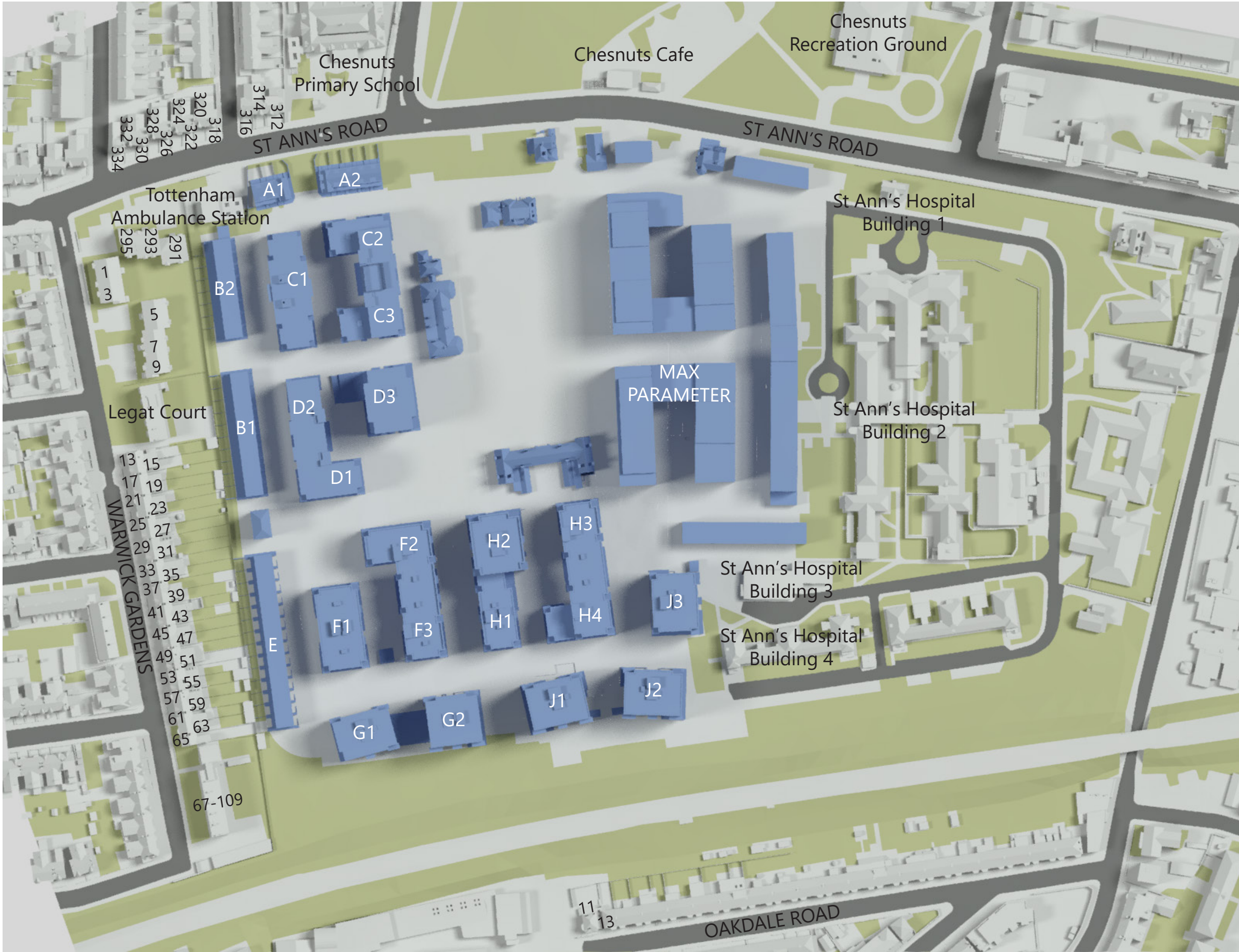
Project St. Ann's Hospital,
Haringey
London

Title Existing Condition
3D View

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Sources of information

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Karakusevic Carson Architects

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B (N15301-KCA-BX-ZZ-M3-A-01000)
C (N15301-KCA-C1-ZZ-M3-A-01000)
C2/C3 (N15301-KCA-CX-ZZ-M3-A-01000)
D1/D2(N15301-KCA-DX-ZZ-M3-A-01000)
D3 (N15301-KCA-D3-ZZ-M3-A-01000)
Phase2 (Max Parameter)
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Key:
 Proposed



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London

Title Proposed Development
Plan View

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Received 08/07/2021

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Phase1 (Detailed)
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B (N15301-KCA-BX-ZZ-M3-A-01000)
C (N15301-KCA-C1-ZZ-M3-A-01000)
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D3 (N15301-KCA-D3-ZZ-M3-A-01000)
Phase2 (Max Parameter)
N15301-KCA-ZZ-ZZ-M3-A-01001
Received 11/04/2022

Design Freeze
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Key:

Proposed

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3D View

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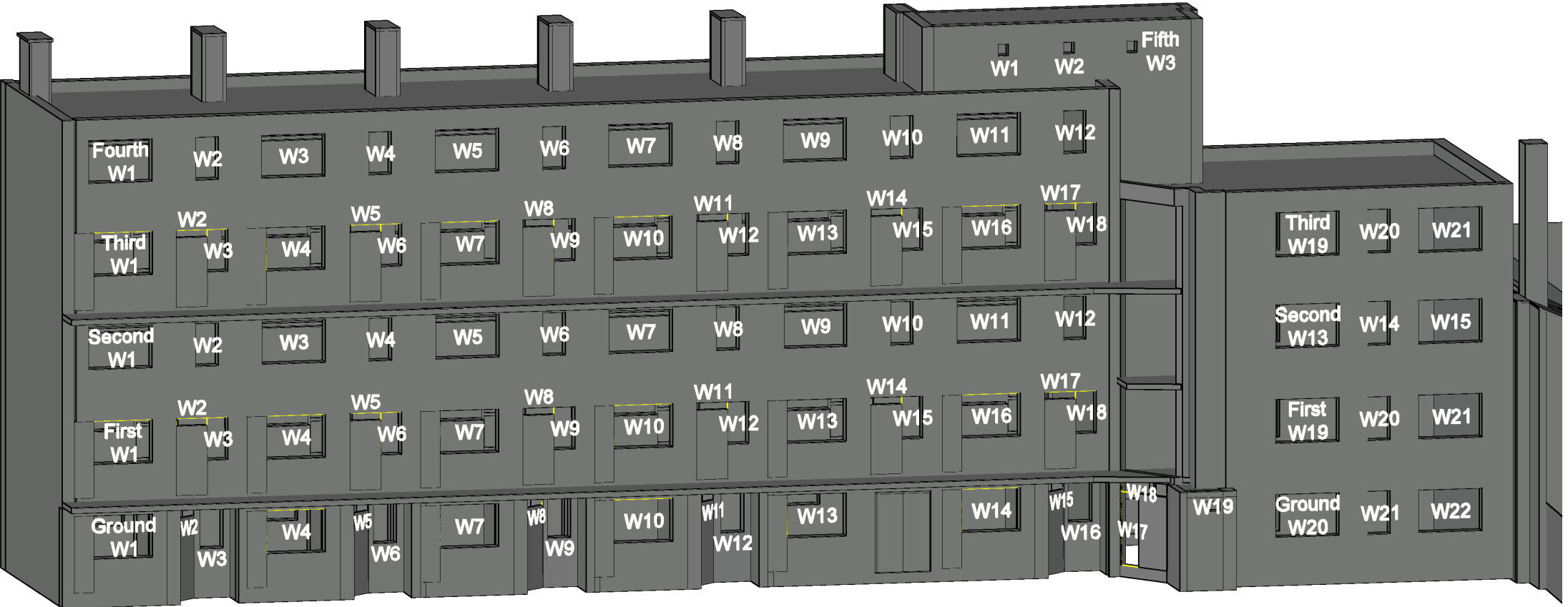


Sources of information

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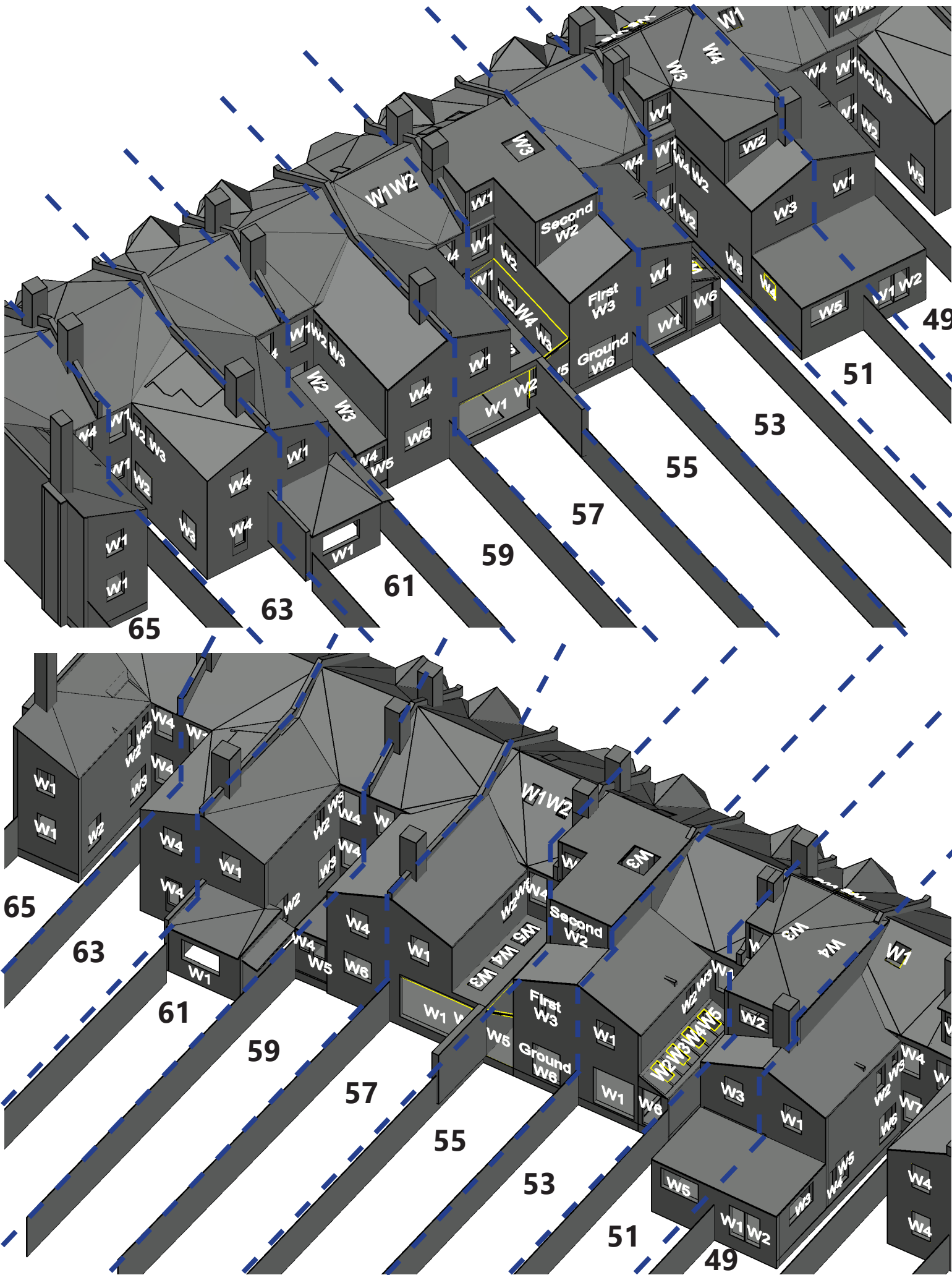
Project St. Ann's Hospital,
Haringey
London

Title 67-109 Warwick Gardens
Window Map

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WM01 01



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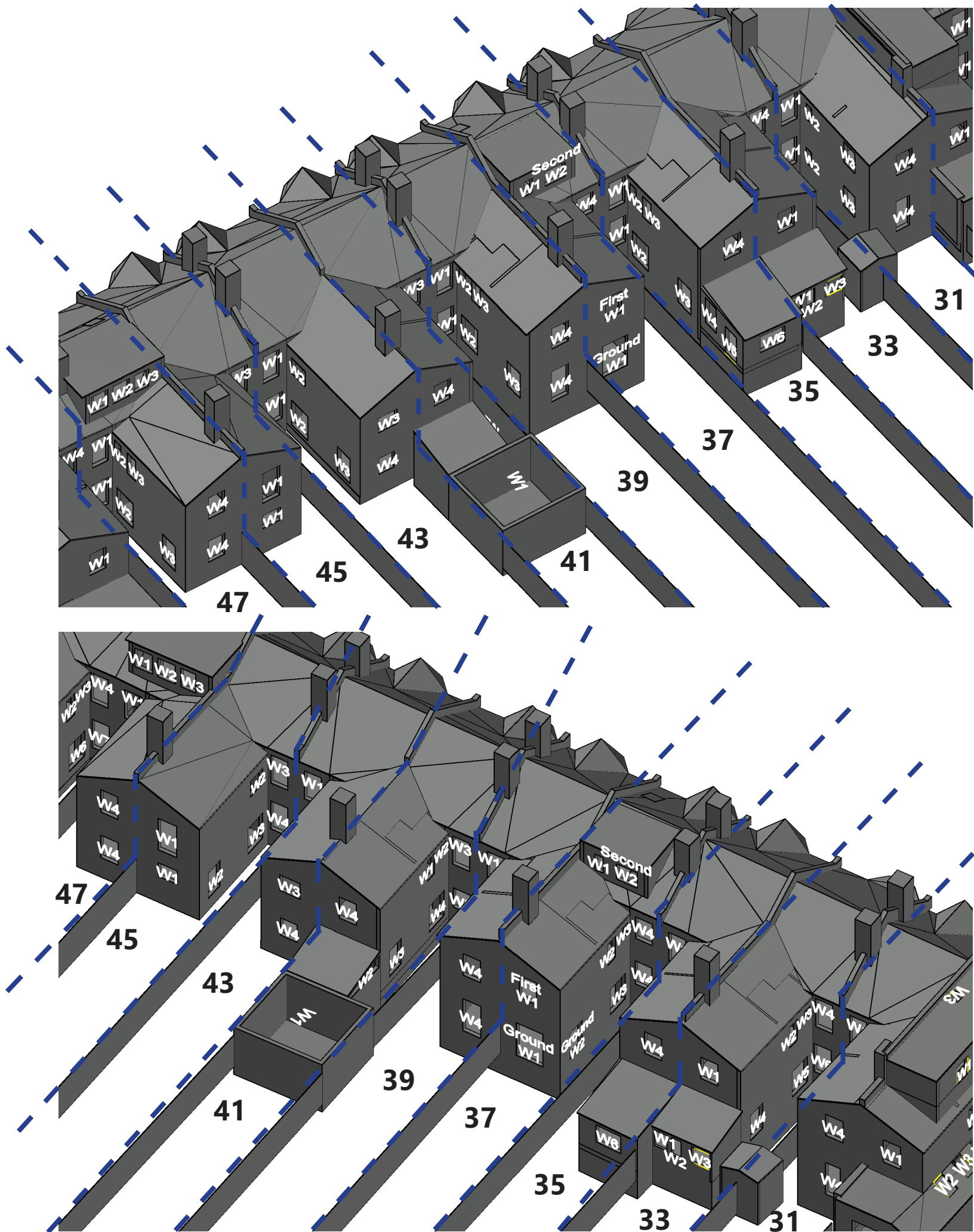
Project St. Ann's Hospital,
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Title 49-65 Warwick Gardens
Window Map

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WM01 02



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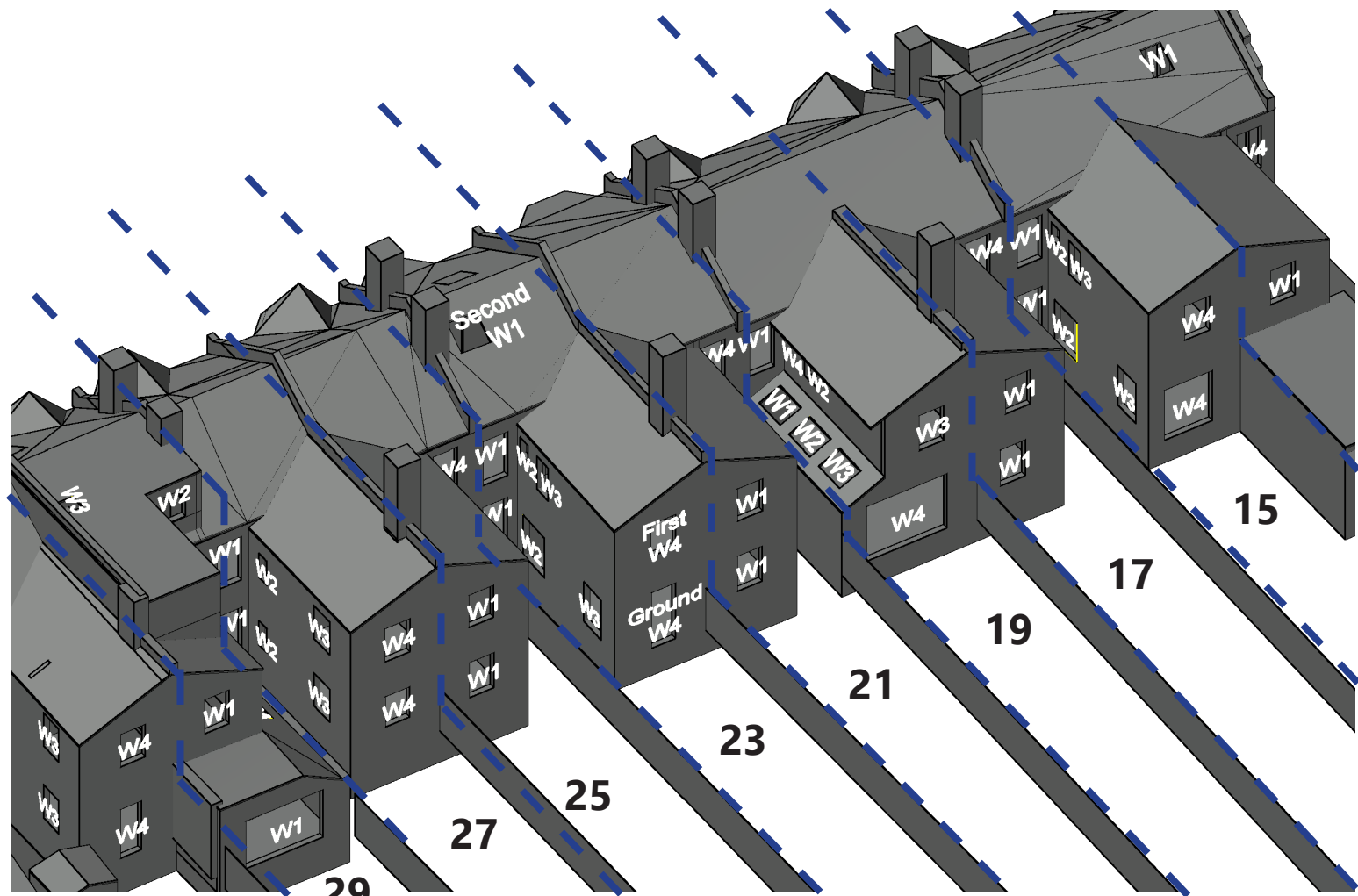
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Haringey
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Title 31-47 Warwick Gardens
Window Map

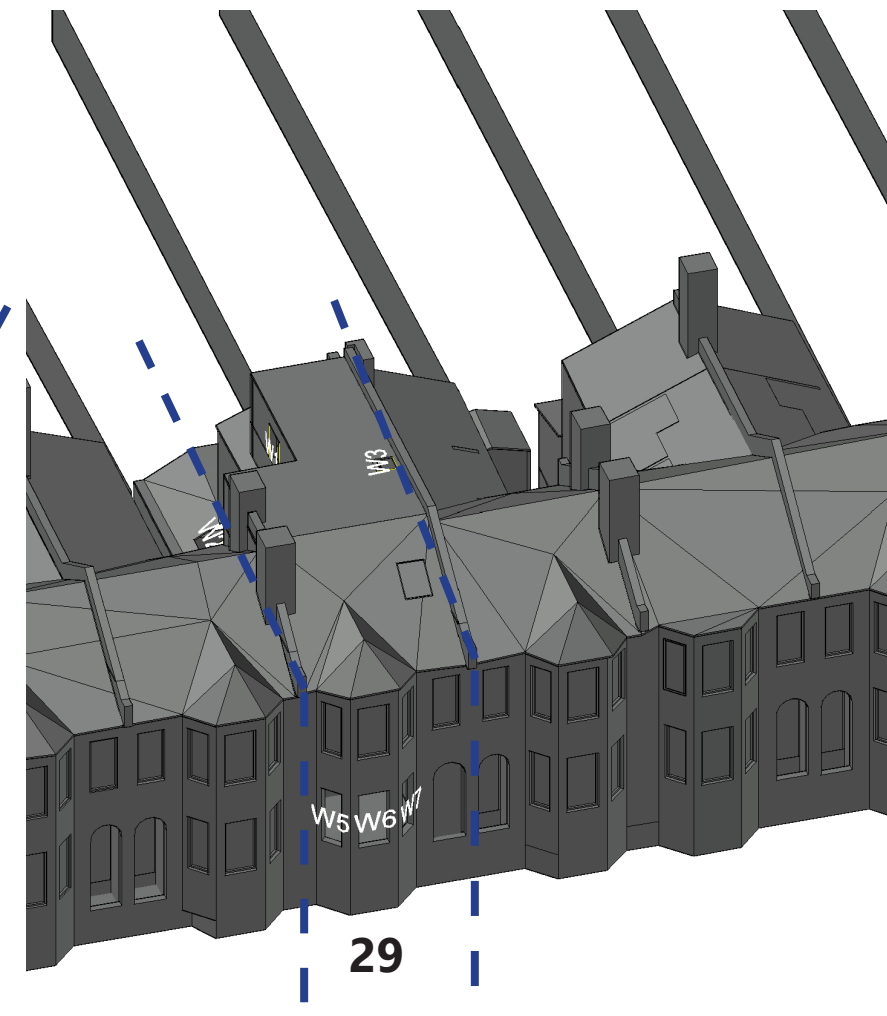
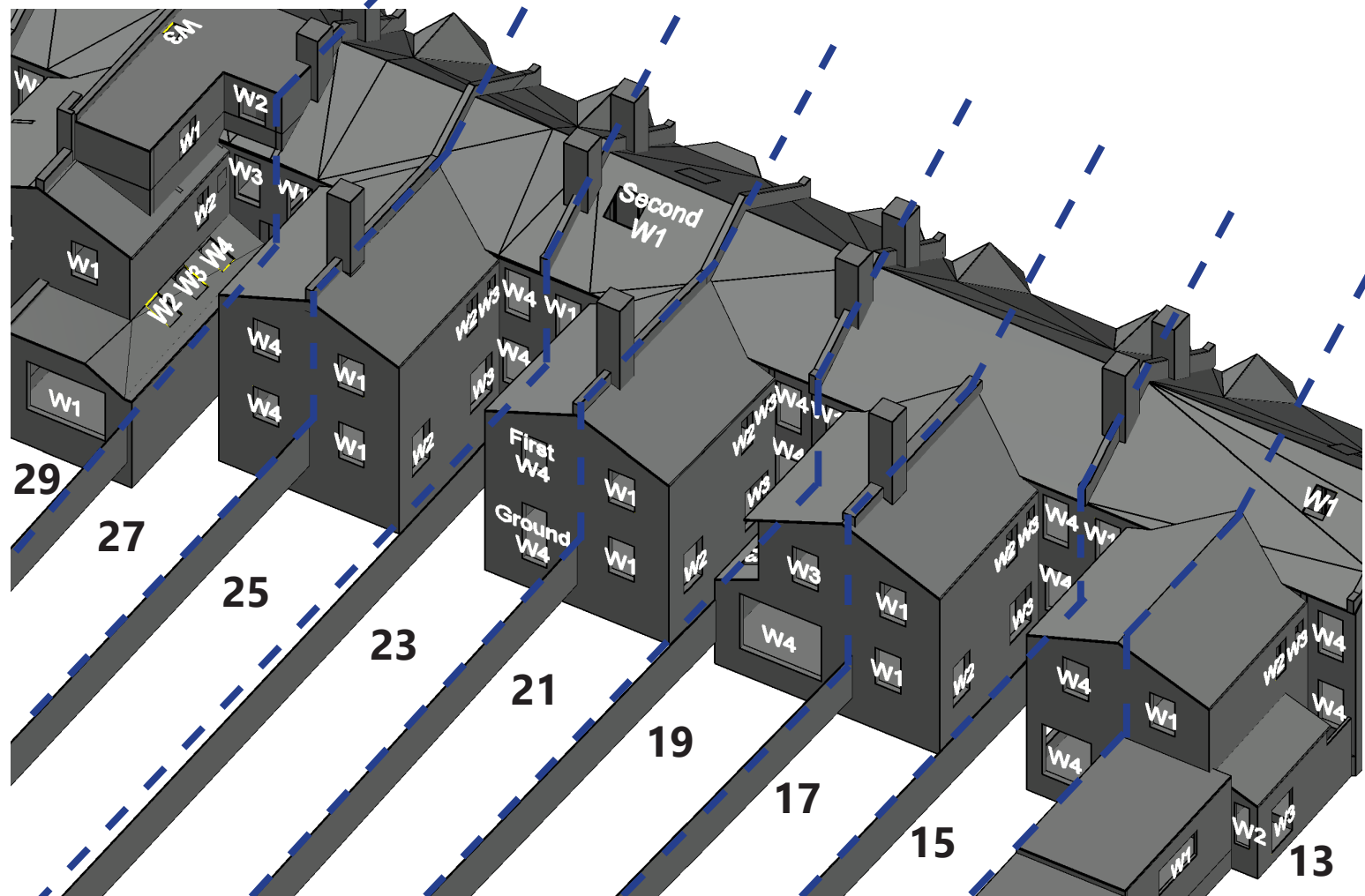
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13



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Title 13-29 Warwick Gardens
Window Map

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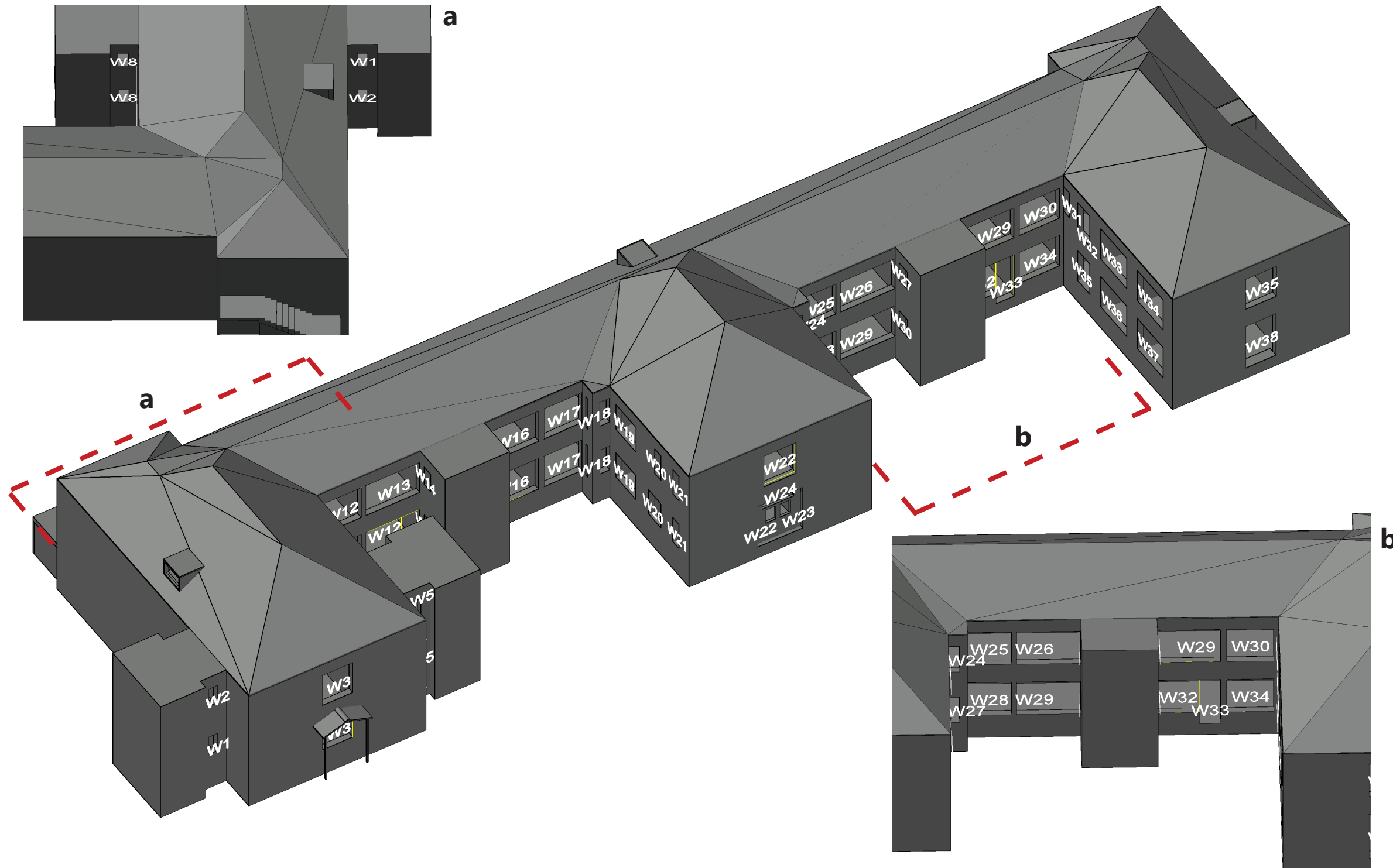
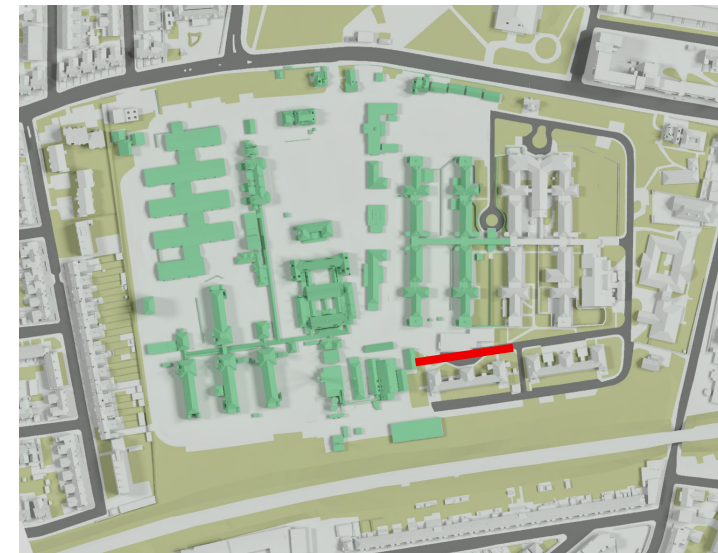
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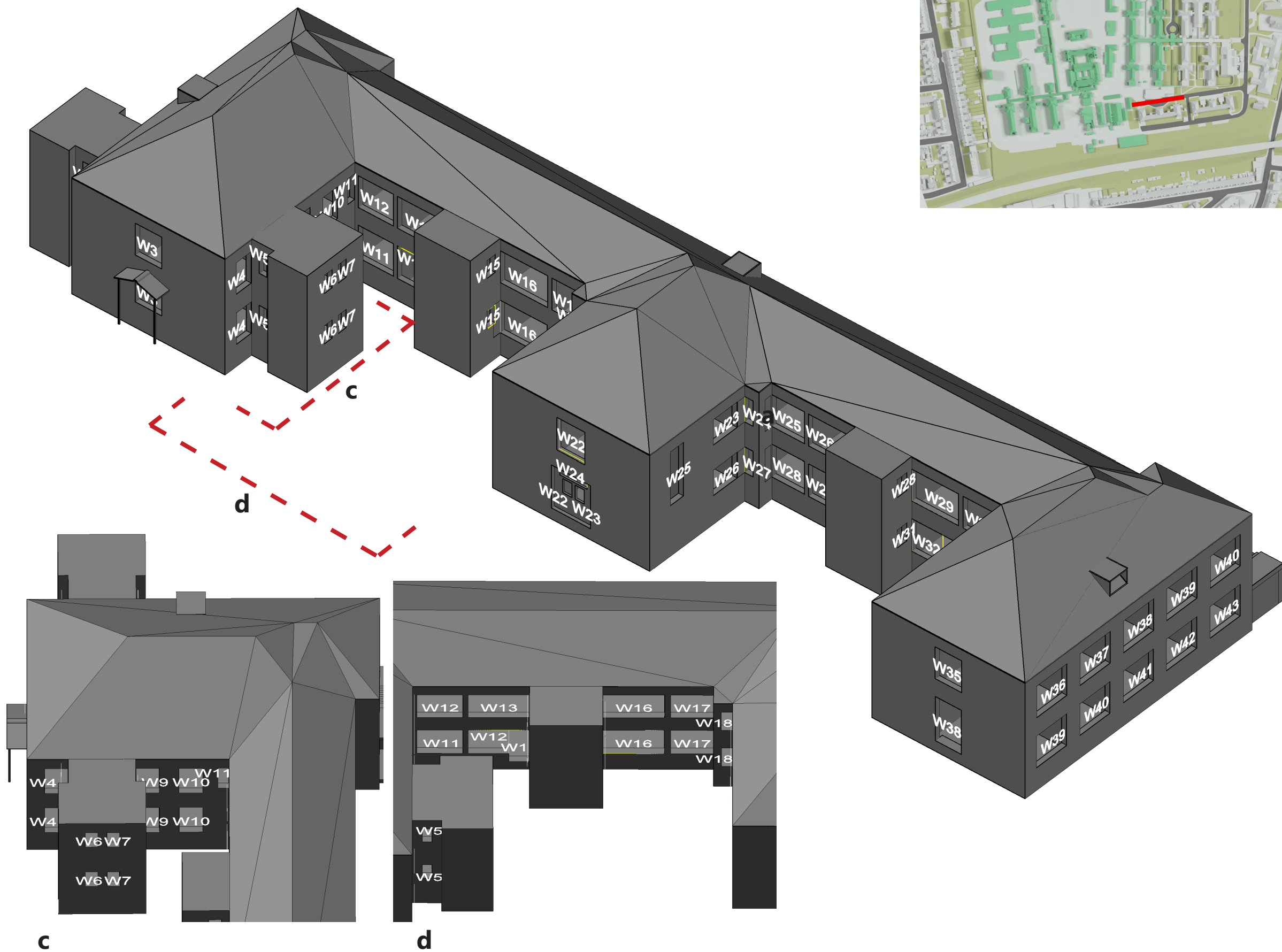
Project St. Ann's Hospital,
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Title St Ann's Hospital Building 4
Window Map

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Project St. Ann's Hospital,
Haringey
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Title St Ann's Hospital Building 4
Window Map

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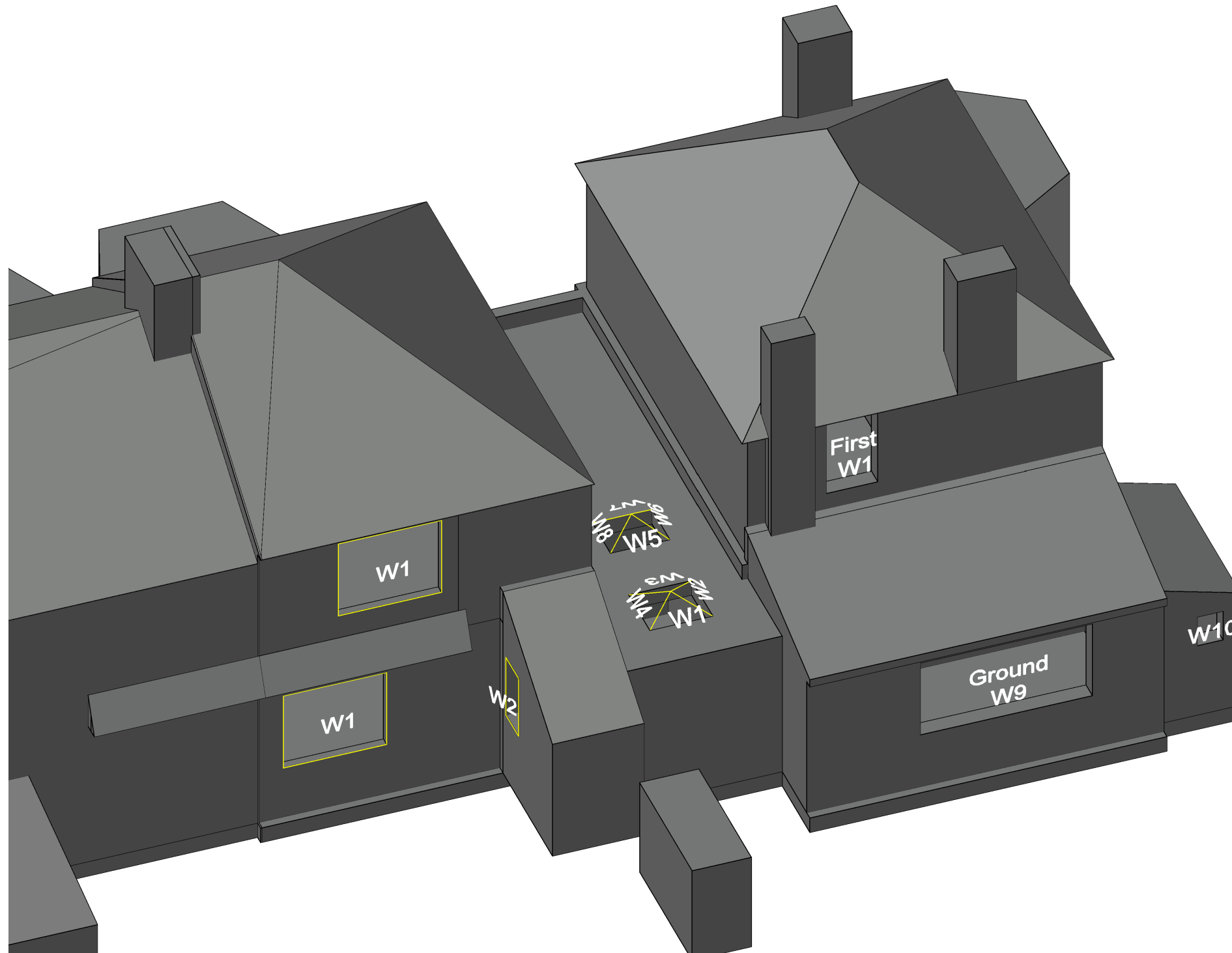
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Window Map

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Appendix 2

Detailed results of the daylight and sunlight assessment within neighbouring properties

				Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room								
Address	Room	Window	Room use	Existing	Proposed	Loss	Loss	Room Area	Existing NSL		Proposed NSL		Loss	Loss	Existing APSH		Proposed APSH		Retained		% Reduction	
				VSC	VSC	VSC	%		m²	%	m²	%	Total	Winter	Total	Winter	Total	Winter	Total	Winter		
23 Warwick Gardens																						
Ground	R1	W1-L W1-U	Residential	12.6	11.7	0.8	7	9.5	7.9	84%	7.9	84%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R2	W2-L W2-U	Residential	7.1	7.0	0.1	1	7.9	1.6	20%	1.6	20%	0.0	0	17	0	17	0	1.00	0.00	0%	0%
Ground	R3	W3-L W3-U W4-L W4-U	Residential	14.9	14.6	0.3	2	9.4	9.2	99%	9.2	99%	0.0	0	52	11	48	10	0.92	0.91	8%	9%
				34.2	30.8	3.3	10															
First	R1	W1-L W1-U	Residential	23.6	22.8	0.8	3	9.5	9.2	97%	9.2	97%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R2	W2 W3-L W3-U	Residential	18.0	18.0	0.1	0	3.6	3.4	95%	3.4	95%	0.0	0	58	13	56	12	0.97	0.92	3%	8%
				22.1	21.9	0.2	1															
First	R3	W4	Residential	37.1	33.1	4.0	11	9.4	9.1	98%	9.1	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Second	R1	W1	Residential	78.7	77.2	1.5	2	5.5	5.5	100%	5.5	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
25 Warwick Gardens																						
Ground	R1	W1 W2-L W2-U	Residential	35.3	31.5	3.8	11	9.5	9.4	99%	9.4	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
				18.0	16.8	1.2	7															
Ground	R2	W3-L W3-U	Residential	8.9	8.3	0.6	6	7.7	2.6	34%	2.6	34%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R3	W4-L W4-U	Residential	13.9	12.1	1.8	13	9.5	8.6	91%	8.6	91%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R1	W1	Residential	36.9	33.1	3.8	10	9.5	9.3	98%	9.3	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R2	W2 W3	Residential	24.8	24.3	0.6	2	3.6	3.3	93%	3.3	93%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
				20.9	20.4	0.5	2															
First	R3	W4-L W4-U	Residential	24.7	23.1	1.7	7	9.5	9.2	98%	9.2	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F

[illegible]

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room								
				Existing	Proposed	Loss	Loss	Room	Existing NSL		Proposed NSL		Loss	Loss	Existing APSH		Proposed APSH		Retained		% Reduction	
				VSC	VSC	VSC	%	Area	m²	%	m²	%	m²	%	Total	Winter	Total	Winter	Total	Winter	Total	Winter
Ground	R2	W1-U	Residential	8.0	7.7	0.3	4	9.6	8.6	90%	8.6	90%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
		W2-L W2-U						7.7	2.2	28%	2.2	28%	0.0	0	23	0	23	0	1.00	0.00	0%	0%
Ground	R3	W3-L	Residential	15.3	14.9	0.4	3															
		W3-U W4-L W4-U																				32.8
First	R1	W1-L	Residential	23.9	22.7	1.3	5	9.6	9.4	97%	9.4	97%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
		W1-U																				
First	R2	W2	Residential	18.7	18.3	0.4	2	3.6	3.2	90%	3.2	90%	0.0	0	59	14	58	13	0.98	0.93	2%	7%
		W3		23.6	23.2	0.5	2															
First	R3	W4-L	Residential	36.9	33.6	3.3	9	9.3	9.1	98%	9.1	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
		W4-U																				
41 Warwick Gardens																						
Ground	R1	W1	Residential	92.3	91.4	0.9	1	17.9	17.9	100%	17.9	100%	0.0	0	93	24	93	24	1.00	1.00	0%	0%
Ground	R2	W2	Residential	27.7	26.7	0.9	3	8.5	7.6	89%	7.6	89%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R3	W3-L	Residential	15.9	15.7	0.2	1															
Ground	R4	W3-U																				9.2
		W4-L W4-U	Residential	7.9	7.7	0.2	2	7.6	2.3	31%	2.3	31%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R5	W5	Residential	13.3	12.4	0.9	7	10.0	7.8	79%	7.8	79%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R1	W4	Residential	37.2	33.7	3.5	9	9.2	9.0	98%	9.0	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R2	W1	Residential	23.6	23.4	0.2	1	3.6	3.3	91%	3.3	91%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
		W2		19.9	19.7	0.2	1															
First	R3	W3-L	Residential	25.4	24.4	0.9	4															
		W3-U																				10.0
43 Warwick Gardens																						
Ground	R1	W1-L	Residential	13.8	12.3	1.5	11	9.5	8.9	94%	8.9	94%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
		W1-U																				

[illegible]

AddressRoomWindowRoom use				Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room								
				Existing VSC	Proposed VSC	Loss VSC	Loss %	Room Area	Existing NSL		Proposed NSL		Loss m²	Loss %	Existing APSH		Proposed APSH		Retained		% Reduction	
									m²	%	m²	%			Total	Winter	Total	Winter	Total	Winter	Total	Winter
Ground	R3	W5-L	Residential	15.6	15.1	0.4	3	9.5	8.5	89%	8.5	89%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F		
		W5-U		8.4	8.1	0.3	3		7.9	2.2	28%	2.2	28%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	
		W6-L		8.4	8.1	0.3	3		7.9	2.2	28%	2.2	28%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	
W6-U																						
Ground	R4	W7-L	Residential	13.6	12.3	1.3	10	9.1	8.6	95%	8.6	95%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F		
First	R1	W7-U	Residential	37.6	33.8	3.9	10		9.5	9.3	98%	9.3	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	
		W1								22.0	21.6	0.4	2	3.6	3.3	92%	3.3	92%	0.0	0	N/F	N/F
First	R2	W2	Residential	19.6	19.3	0.3	2	3.6	3.3													
First	R3	W4-L	Residential	24.5	23.3	1.2	5	9.1	8.9	98%	8.9	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F		
		W4-U		82.5	81.5	1.0	1		4.3	4.3	100%	4.3	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Second	R1	W1	Residential																			
65 Warwick Gardens																						
Ground	R1	W1	Residential	32.5	28.7	3.8	12	9.6	9.4	98%	9.4	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F		
		W2-L		16.6	16.1	0.5	3		8.0	2.4	31%	2.4	31%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	
Ground	R2	W3-L	Residential	8.4	8.0	0.4	4	9.2		7.9	86%	7.9	86%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	
Ground	R3	W3-U	Residential	13.6	12.4	1.2	9		9.6	9.0	94%	9.0	94%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	
		W4						24.2		23.8	0.4	2	3.6	3.4	94%	3.4	94%	0.0	0	N/F	N/F	N/F
First	R1	W1	Residential	20.7	20.4	0.4	2		3.6													
First	R2	W2	Residential	25.1	24.0	1.1	4	9.2	8.8	96%	8.8	96%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F		
		W3		35.9	31.6	4.3	12		10.4	10.3	99%	10.3	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R3	W4-L	Residential					20.7														
61 Warwick Gardens																						
Ground	R1	W1	Residential	12.7	12.4	0.3	2	9.3	7.0	75%	7.0	75%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F		
Ground	R2	W2-L	Residential						7.0	75%	7.0	75%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
		W2-U																				

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room								
				Existing	Proposed	Loss	Loss	Room	Existing NSL		Proposed NSL		Loss	Loss	Existing APSH		Proposed APSH		Retained		% Reduction	
				VSC	VSC	VSC	%	Area	m²	%	m²	%	m²	%	Total	Winter	Total	Winter	Total	Winter	Total	Winter
Ground	R3	W3-L W3-U	Residential	8.5	8.3	0.1	2	8.0	2.9	36%	2.9	36%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R4	W4-L W4-U	Residential	12.6	12.1	0.5	4	9.3	8.7	94%	8.7	94%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R1	W1	Residential	38.0	34.5	3.5	9	9.3	8.8	95%	8.8	95%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R2	W2 W3	Residential	25.6	25.1	0.5	2	3.7	3.4	92%	3.4	92%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
				22.3	22.0	0.4	2															
First	R3	W4-L W4-U	Residential	23.3	22.4	0.9	4	9.3	9.1	98%	9.1	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
63 Warwick Gardens																						
Ground	R1	W1	Residential	13.5	11.8	1.7	12	9.6	6.9	72%	6.9	72%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R2	W2-L W2-U	Residential	7.7	7.4	0.3	4	8.0	1.9	24%	1.9	24%	0.0	0	18	0	17	0	0.94	0.00	6%	0%
Ground	R3	W3-L W3-U W4-L W4-U	Residential	14.9	14.5	0.4	2	9.3	8.9	96%	8.9	96%	0.0	0	48	7	47	7	0.98	1.00	2%	0%
				29.6	26.7	2.9	10															
First	R1	W1-L W1-U	Residential	23.6	22.1	1.5	6	9.6	8.9	93%	8.9	93%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R2	W2 W3	Residential	16.0	15.7	0.3	2	3.7	3.4	91%	3.4	91%	0.0	0	49	5	49	5	1.00	1.00	0%	0%
				19.0	18.7	0.3	2															
First	R3	W4	Residential	37.8	34.4	3.5	9	9.3	8.9	95%	8.9	95%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
59 Warwick Gardens																						
Ground	R1	W1	Residential	3.0	3.0	0.0	0	10.4	8.8	85%	8.8	85%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R2	W2 W3 W4 W5	Residential	35.2	34.9	0.3	1	8.0	8.0	100%	8.0	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
				44.9	44.5	0.4	1															
				29.9	27.0	3.0	10															
				33.6	29.8	3.8	11															
Ground	R3	W6	Residential	36.3	32.3	4.0	11	9.3	9.2	99%	9.2	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room								
				Existing	Proposed	Loss	Loss	Room	Existing NSL		Proposed NSL		Loss	Loss	Existing APSH		Proposed APSH		Retained		% Reduction	
				VSC	VSC	VSC	%		Area	m²	%	m²	%	m²	%	Total	Winter	Total	Winter	Total	Winter	Total
First	R1	W1-L W1-U	Residential	25.1	23.8	1.3	5	10.4	10.2	97%	10.2	97%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R2	W2 W3	Residential	20.0	19.5	0.4	2	3.7	3.4	93%	3.4	93%	0.0	0	61	14	61	14	1.00	1.00	0%	0%
				24.1	23.6	0.5	2															
First	R3	W4	Residential	38.0	34.4	3.6	9	9.3	9.1	98%	9.1	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
57 Warwick Gardens																						
Ground	R1	W1-L	KD	31.1	28.1	3.0	10															
		W1-U																				
		W2-L																				
		W2-U																				
		W3																				
		W4	40.2	39.8	0.4	1	27.9	27.9	100%	27.9	100%	0.0	0	62	11	62	11	1.00	1.00	0%	0%	
W5	29.9	29.6	0.3	1																		
First	R1	W1	Residential	37.9	34.3	3.6	10	9.3	9.1	98%	9.1	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R2	W2	Residential	15.1	14.7	0.4	3	3.7	2.9	79%	2.9	79%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
		W3		12.3	12.0	0.4	3															
First	R3	W4-L W4-U	Residential	21.2	20.1	1.2	6	9.1	8.8	97%	8.8	97%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Second	R1	W1	Residential	85.2	84.1	1.2	1	10.3	10.1	98%	10.1	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
		W2		73.9	72.8	1.1	2															
33 Warwick Gardens																						
Ground	R1	W1	Residential	25.3	23.2	2.1	8															
		W2-L																				
		W2-U																				
		W3	33.5	30.3	3.2	10	6.8	6.8	100%	6.8	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
Ground	R2	W4-L W4-U	Residential	15.2	15.0	0.2	1	9.1	6.9	76%	6.9	75%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R3	W5-L W5-U	Residential	7.8	7.5	0.3	3	7.4	1.7	23%	1.7	23%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R4	W6-L W6-U	Residential	11.9	11.6	0.3	3	9.6	8.6	89%	8.6	89%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F

[illegible]

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room								
				Existing	Proposed	Loss	Loss	Room	Existing NSL		Proposed NSL		Loss	Loss	Existing APSH		Proposed APSH		Retained		% Reduction	
				VSC	VSC	VSC	%	Area	m²	%	m²	%	m²	%	Total	Winter	Total	Winter	Total	Winter	Total	Winter
		W1-U						9.2	9.0	97%	9.0	97%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R2	W2	Residential	19.9	19.6	0.3	2	3.4	2.2	64%	2.2	64%	0.0	0	47	8	47	8	1.00	1.00	0%	0%
First	R3	W3	Residential	27.7	26.8	1.0	3															
		W4		36.6	33.2	3.4	9	10.0	10.0	100%	10.0	100%	0.0	0	76	17	71	15	0.93	0.88	7%	12%
67-109 Warwick Gardens																						
Ground	R1	W1	Residential	18.0	15.6	2.4	13															
		W2		2.0	0.8	1.2	59	10.1	10.1	100%	10.1	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R3	W4	Residential	17.4	14.9	2.5	15															
		W5		2.0	0.8	1.2	61	10.2	10.2	100%	10.2	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R5	W7	Residential	17.4	14.8	2.6	15															
		W8		2.0	0.8	1.2	62	10.3	10.2	100%	10.2	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R7	W10	Residential	17.3	14.6	2.7	15															
		W11		1.8	0.6	1.2	65	10.1	10.0	100%	10.0	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R9	W13	Residential	17.2	14.5	2.7	16	9.5	9.5	100%	9.5	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R10	W14	Residential	16.8	14.1	2.6	16															
		W15		1.5	0.5	0.9	64	10.4	10.4	100%	10.4	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R12	W17-L	Residential	19.5	19.0	0.5	2															
		W17-U																				
		W18		6.7	5.7	1.0	15															
		W19		38.1	34.7	3.4	9	8.6	7.5	87%	7.5	87%	0.0	0	45	12	42	12	0.93	1.00	7%	0%
Ground	R13	W20	Residential	37.4	33.8	3.6	10	14.8	14.7	99%	14.7	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R14	W21	Residential	37.7	34.0	3.7	10	6.2	6.2	99%	5.4	87%	0.8	12	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R15	W22	Residential	37.8	33.9	3.9	10	11.1	11.0	99%	11.0	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R1	W1	Residential	36.4	34.2	2.3	6	9.5	9.4	100%	9.4	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R3	W4	Residential	35.8	33.4	2.3	7	9.5	9.4	99%	9.4	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R5	W7	Residential	35.6	33.2	2.4	7	9.5	9.4	99%	9.4	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R7	W10	Residential	35.6	33.1	2.5	7	9.5	9.4	100%	9.4	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room								
				Existing	Proposed	Loss	Loss	Room	Existing NSL		Proposed NSL		Loss	Loss	Existing APSH		Proposed APSH		Retained		% Reduction	
				VSC	VSC	VSC	%	Area	m²	%	m²	%	m²	%	Total	Winter	Total	Winter	Total	Winter	Total	Winter
First	R9	W13	Residential	35.3	32.8	2.5	7	9.5	9.5	100%	9.5	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R11	W16	Residential	34.2	31.7	2.5	7	9.7	9.6	100%	9.6	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R13	W19	Residential	38.6	35.4	3.1	8	14.8	14.6	98%	14.6	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R14	W20	Residential	38.5	35.3	3.2	8	6.2	6.1	98%	6.1	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R15	W21	Residential	38.5	35.2	3.3	9	11.1	11.0	99%	11.0	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Second	R1	W1	Residential	18.3	16.3	2.0	11	9.5	9.1	96%	9.1	96%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Second	R3	W3	Residential	17.7	15.6	2.1	12	9.5	8.9	94%	8.9	94%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Second	R5	W5	Residential	17.7	15.5	2.2	12	9.5	8.9	94%	8.9	94%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Second	R7	W7	Residential	17.6	15.4	2.2	13	9.5	8.9	94%	8.9	94%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Second	R9	W9	Residential	17.5	15.3	2.2	13	9.5	9.0	94%	9.0	94%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Second	R11	W11	Residential	17.3	15.0	2.3	13	9.7	9.1	94%	9.1	94%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Second	R13	W13	Residential	39.1	36.3	2.8	7	14.8	14.6	98%	14.6	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Second	R14	W14	Residential	39.1	36.3	2.8	7	6.2	6.1	98%	6.1	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Second	R15	W15	Residential	39.0	36.2	2.8	7	11.1	11.0	99%	11.0	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Third	R1	W1	Residential	39.5	37.7	1.8	5	9.5	9.4	100%	9.4	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Third	R3	W4	Residential	39.5	37.7	1.8	5	9.5	9.5	100%	9.5	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Third	R5	W7	Residential	39.5	37.6	1.9	5	9.5	9.5	100%	9.5	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Third	R7	W10	Residential	39.5	37.5	1.9	5	9.5	9.5	100%	9.5	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Third	R9	W13	Residential	39.4	37.5	2.0	5	9.5	9.5	100%	9.5	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Third	R11	W16	Residential	39.1	37.1	2.0	5	9.7	9.6	100%	9.6	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Third	R13	W19	Residential	39.4	37.1	2.4	6	14.8	14.6	99%	14.6	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Third	R14	W20	Residential	39.4	37.0	2.5	6	6.2	6.1	98%	6.1	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Third	R15	W21	Residential	39.4	36.9	2.5	6	11.1	11.0	99%	11.0	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F

[illegible]

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room								
				Existing	Proposed	Loss	Loss	Room	Existing NSL		Proposed NSL		Loss	Loss	Existing APSH		Proposed APSH		Retained		% Reduction	
				VSC	VSC	VSC	%	Area	m²	%	m²	%	m²	%	Total	Winter	Total	Winter	Total	Winter	Total	Winter
Ground	R8	W11-U	Assumed					7.0	6.3	90%	6.3	90%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
		W12-L	Assumed	16.0	14.9	1.1	7															
		W12-U		11.2	10.9	0.3	3															
		W13-L						8.1	8.1	100%	8.1	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R9	W13-U																				
		W14	Assumed	9.1	9.1	0.0	0															
Ground	R9	W15		13.0	12.4	0.5	4	6.0	3.6	60%	3.6	60%	0.0	0	0	0	0	0	0.00	0.00	0%	0%
Ground	R10	W16-L	Assumed	22.9	21.8	1.1	5															
		W16-U						8.2	8.2	100%	8.2	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R11	W17-L	Assumed	22.1	21.6	0.5	2															
		W17-U																				
		W18		18.2	17.9	0.3	2	9.0	8.9	99%	8.9	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R12	W19	Assumed	21.1	21.0	0.0	0	14.8	13.4	90%	13.4	90%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R13	W20	Assumed	26.4	26.4	0.0	0															
		W21		28.9	28.9	0.0	0	10.0	9.8	98%	9.8	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R15	W25	Assumed	32.4	25.7	6.8	21	10.0	9.4	94%	9.4	94%	0.0	0	42	7	35	7	0.83	1.00	17%	0%
Ground	R16	W26	Assumed	21.5	17.4	4.2	19	14.9	13.5	91%	13.4	89%	0.2	1	10	0	7	0	0.70	0.00	30%	0%
Ground	R17	W27	Assumed	18.5	14.7	3.8	20															
		W28-L		22.6	19.0	3.6	16															
Ground	R17	W28-U						8.8	8.7	99%	8.7	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R18	W29-L	Assumed	22.9	21.0	1.9	8															
		W29-U						8.1	8.1	100%	8.1	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R19	W30	Assumed	13.1	13.0	0.2	1															
		W31		12.1	10.7	1.4	11	6.0	4.0	67%	4.0	67%	0.0	0	0	0	0	0	0.00	0.00	0%	0%
Ground	R20	W32-L	Assumed	19.5	17.9	1.7	8															
		W32-U																				
		W33-L		22.6	21.2	1.4	6															
Ground	R20	W33-U					8.1	8.1	100%	8.1	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
Ground	R21	W34-L	Assumed	21.0	19.8	1.2	6															
		W34-U						7.0	7.0	100%	7.0	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R22	W35-L	Assumed	19.7	19.4	0.2	1															

				Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room								
Address	Room	Window	Room use	Existing	Proposed	Loss	Loss	Room	Existing NSL		Proposed NSL		Loss	Loss	Existing APSH		Proposed APSH		Retained		% Reduction	
				VSC	VSC	VSC	%		Area	m²	%	m²	%	m²	%	Total	Winter	Total	Winter	Total	Winter	Total
Ground	R23	W35-U W36-L W36-U	Assumed	25.9	25.7	0.2	1	12.3	11.2	91%	11.2	91%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
								12.6	12.6	100%	12.6	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R24	W37-L W37-U	Assumed	30.2	29.9	0.2	1	9.9	9.8	100%	9.8	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R26	W39-L W39-U	Assumed	30.3	15.7	14.6	48	9.9	9.9	100%	9.8	99%	0.1	1	44	14	30	9	0.68	0.64	32%	36%
								12.5	12.5	100%	12.5	100%	0.0	0	45	15	29	10	0.64	0.67	36%	33%
Ground	R27	W40-L W40-U	Assumed	31.1	17.0	14.1	45	12.5	12.5	100%	12.0	96%	0.4	4	45	15	27	10	0.60	0.67	40%	33%
Ground	R28	W41	Assumed	32.1	18.0	14.1	44	12.5	12.5	100%	11.7	93%	0.8	7	47	16	30	11	0.64	0.69	36%	31%
Ground	R29	W42	Assumed	33.0	18.7	14.3	43	12.5	12.5	100%	11.9	91%	1.1	9	48	17	31	11	0.65	0.65	35%	35%
First	R1	W1 W2	Assumed	24.3	24.3	0.0	0	10.7	6.1	57%	6.1	57%	0.0	0	42	15	42	15	1.00	1.00	0%	0%
				24.8	24.4	0.4	2															
First	R2	W3	Assumed	37.2	35.2	2.0	5	5.7	5.7	100%	5.7	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R3	W4-L W4-U	Assumed	21.8	18.7	3.0	14	11.5	11.0	96%	11.0	96%	0.0	0	9	0	4	0	0.44	0.00	56%	0%
								11.7	11.5	98%	11.5	98%	0.0	0	35	7	35	7	1.00	1.00	0%	0%
First	R5	W10 W11	Assumed	25.1	23.7	1.4	5	12.0	11.9	99%	11.9	99%	0.0	0	34	0	30	0	0.88	0.00	12%	0%
				19.0	17.7	1.3	7															
First	R6	W12-L W12-U	Assumed	24.1	23.2	0.8	3	7.0	7.0	100%	7.0	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
								25.0	23.4	1.6	6	10.7	9.8	92%	9.8	92%	0.0	0	60	14	54	14
34.3	30.8	3.5	10																			
33.8	30.5	3.3	10																			
17.5	17.5	0.0	0																			
First	R8	W13-L W13-U	Assumed	26.0	25.0	1.1	4	8.1	8.1	100%	8.1	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
								20.5	20.5	0.0	0											

				Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room									
Address	Room	Window	Room use	Existing	Proposed	Loss	Loss	Room	Existing NSL		Proposed NSL		Loss	Loss	Existing APSH		Proposed APSH		Retained		% Reduction		
				VSC	VSC	VSC	%	Area	m²	%	m²	%	m²	%	Total	Winter	Total	Winter	Total	Winter	Total	Winter	
First	R10	W15	Assumed	22.2	21.2	0.9	4	6.0	6.0	100%	6.0	100%	0.0	0	15	0	14	0	0.93	0.00	7%	0%	
		29.5		28.3	1.2	4	8.2	8.2	100%	8.2	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F		
First	R11	W17-L	Assumed	29.4	28.8	0.6	2	9.0	8.9	99%	8.9	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
		W17-U		21.4	21.1	0.3	1																
First	R12	W19	Assumed	30.8	30.8	0.0	0	14.8	14.6	98%	14.6	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
First	R13	W20	Assumed	33.7	33.7	0.0	0	10.0	9.7	97%	9.7	97%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
		W21		34.5	34.5	0.0	0																
First	R14	W22-L	Assumed	36.6	32.5	4.1	11	7.4	7.4	100%	7.4	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
		W22-U																					
First	R15	W23	Assumed	30.9	24.7	6.3	20	14.9	14.6	98%	14.4	97%	0.2	1	35	2	28	2	0.80	1.00	20%	0%	
First	R16	W24	Assumed	21.5	17.4	4.0	19	8.8	8.7	99%	8.7	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
		W25-L		29.4	25.3	4.1	14																
		W25-U																					
First	R17	W26-L	Assumed	29.5	27.3	2.2	7	8.1	8.1	100%	8.1	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
		W26-U																					
First	R18	W27	Assumed	22.6	22.4	0.2	1	6.0	6.0	100%	5.9	100%	0.0	0	18	0	17	0	0.94	0.00	6%	0%	
		W28		21.6	17.6	4.0	19																
First	R19	W29-L	Assumed	28.6	24.7	3.9	14	8.1	8.1	100%	8.1	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
		W29-U																					
First	R20	W30-L	Assumed	28.2	26.9	1.3	5	7.0	7.0	100%	7.0	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
		W30-U																					
First	R21	W31	Assumed	20.4	20.2	0.2	1	12.3	12.2	99%	12.2	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
		W32		29.3	29.1	0.3	1																
First	R22	W33	Assumed	33.1	32.8	0.3	1	12.6	12.6	100%	12.6	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
First	R23	W34	Assumed	34.9	34.6	0.3	1	9.9	9.8	100%	9.8	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
First	R24	W35	Assumed	37.2	26.7	10.5	28	6.4	6.4	100%	6.4	100%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F	
First	R25	W36-L	Assumed	34.8	17.2	17.6	51																

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room								
				Existing	Proposed	Loss	Loss	Room	Existing NSL		Proposed NSL		Loss	Loss	Existing APSH		Proposed APSH		Retained		% Reduction	
				VSC	VSC	VSC	%	Area	m²	%	m²	%	m²	%	Total	Winter	Total	Winter	Total	Winter	Total	Winter
First	R26	W36-U	Assumed	35.1	18.7	16.4	47	9.9	9.9	100%	9.9	99%	0.0	0	49	14	33	10	0.67	0.71	33%	29%
		W37-L W37-U						12.5	12.5	100%	12.5	100%	0.0	0	50	16	32	10	0.64	0.63	36%	38%
First	R27	W38	Assumed	35.5	19.8	15.7	44	12.5	12.5	100%	12.1	97%	0.4	3	50	16	30	10	0.60	0.63	40%	38%
First	R28	W39	Assumed	36.0	20.5	15.5	43	12.5	12.5	100%	11.8	94%	0.7	6	51	17	32	11	0.63	0.65	37%	35%
First	R29	W40	Assumed	36.3	21.0	15.3	42	13.0	13.0	100%	11.9	91%	1.1	9	49	17	34	11	0.69	0.65	31%	35%
13 Oakdale Road																						
Ground	R1	W1	Test	33.5	30.2	3.3	10	15.9	15.6	98%	15.6	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R2	W2	Test	21.2	20.8	0.4	2	2.5	1.2	49%	1.2	49%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R1	W1	Test	37.6	33.7	3.9	10	15.9	15.8	99%	15.8	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
11 Oakdale Road																						
Ground	R1	W1	Test	77.9	75.4	2.5	3	9.0	9.0	100%	9.0	100%	0.0	0	37	11	37	11	1.00	1.00	0%	0%
		W2		61.2	60.5	0.7	1															
		W3		52.2	52.2	0.0	0															
		W4		61.2	60.6	0.6	1															
		W5		53.4	51.5	1.9	4															
		W6		41.6	41.3	0.3	1															
		W7		39.7	39.7	0.0	0															
		W8		43.9	43.5	0.4	1															
Ground	R2	W9	Test	35.5	32.1	3.5	10	14.8	14.4	97%	14.4	97%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
Ground	R3	W10	Test	34.4	31.5	3.0	9	3.2	2.8	86%	2.8	86%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R1	W1	Test	36.4	32.4	4.0	11	10.0	9.7	97%	9.7	97%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
33 Oakdale Road																						
Ground	R1	W1-L	LKD	35.2	33.1	2.1	6	38.9	38.1	98%	37.0	95%	1.0	3	76	12	76	12	1.00	1.00	0%	0%
		W1-U		74.6	74.1	0.5	1															
		W2 W3		75.2	74.7	0.5	1															
First	R1	W1-L W1-U	Bedroom	38.6	35.7	2.8	7	11.5	11.4	99%	11.4	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F

				Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room								
Address	Room	Window	Room use	Existing	Proposed	Loss	Loss	Room Area	Existing NSL		Proposed NSL		Loss	Loss	Existing APSH		Proposed APSH		Retained		% Reduction	
				VSC	VSC	VSC	%		m²	%	m²	%	Total	Winter	Total	Winter	Total	Winter	Total	Winter		
First	R2	W2	Bathroom	38.6	35.7	2.9	8	2.9	2.9	99%	2.9	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
21 Oakdale Road																						
Ground	R1	W1-L W1-U	LKD	27.1	24.6	2.5	9	10.3	10.1	98%	10.1	98%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R1	W1-L W1-U	Bedroom	38.4	34.8	3.6	9	11.5	11.4	99%	11.4	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F
First	R2	W2	Bathroom	38.4	34.8	3.6	9	2.9	2.9	99%	2.9	99%	0.0	0	N/F	N/F	N/F	N/F	N/F	N/F	N/F	N/F



Appendix 3

Results of the sunlight amenity (overshadowing) analysis (neighbouring spaces)



Fig. 1: Existing Scenario



Fig. 2: Proposed Scenario

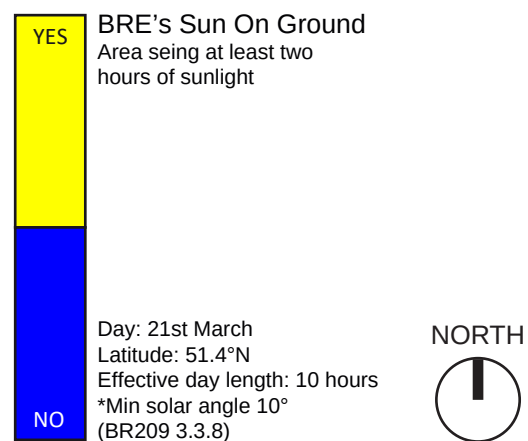
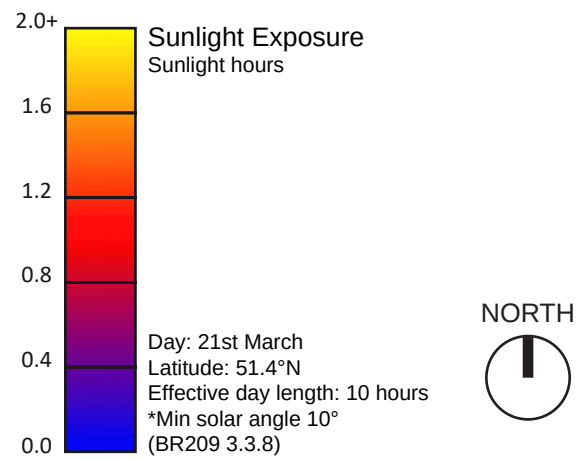




Fig. 3: Existing Scenario



Fig. 4: Proposed Scenario



Code	Zone Name	Area (m2)	Sunlit Area*		
			Existing	Proposed	Loss (%)
C	Chesnuds Cafe	2,701.5	98.4	98.4	0.0
CP	Chesnuds Park	6,605.1	100.0	100.0	0.0
CPS	Chesnuds Primary School	1,170.1	99.7	99.7	0.0
CR	Chesnuds Recreation Ground	4,960.9	100.0	100.0	0.0
LC	Legat Court	666.3	94.0	92.9	1.1
SAH	St Anns Hospital Building 2	4,460.5	97.0	100.0	-3.0
WG13	13 Warwick Gardens	62.6	63.7	62.9	1.3
WG15	15 Warwick Gardens	142.2	59.9	57.6	4.0
WG17	17 Warwick Gardens	131.3	57.4	55.7	3.1
WG19	19 Warwick Gardens	116.6	57.4	57.4	0.0
WG21	21 Warwick Gardens	114.5	56.2	56.2	0.0
WG23	23 Warwick Gardens	129.2	56.9	56.7	0.3
WG25	25 Warwick Gardens	128.1	55.6	55.8	-0.3
WG27	27 Warwick Gardens	125.4	56.3	55.9	0.7
WG29	29 Warwick Gardens	116.3	61.5	60.9	1.1
WG31	31 Warwick Gardens	121.8	51.5	50.5	2.0
WG33	33 Warwick Gardens	118.1	55.5	54.9	1.2
WG35	35 Warwick Gardens	105.2	55.1	54.9	0.4
WG37	37 Warwick Gardens	118.9	54.7	54.5	0.4
WG39	39 Warwick Gardens	119.8	49.1	48.6	0.9
WG41	41 Warwick Gardens	67.7	56.5	56.5	0.0
WG43	43 Warwick Gardens	117.6	54.9	54.2	1.2
WG45	45 Warwick Gardens	118.3	51.6	51.0	1.2
WG47	47 Warwick Gardens	115.4	49.4	49.1	0.4
WG49	49 Warwick Gardens	93.7	49.3	49.1	0.5
WG51	51 Warwick Gardens	93.6	51.3	50.8	1.0
WG53	53 Warwick Gardens	96.3	50.5	50.5	0.0
WG55	55 Warwick Gardens	75.6	48.5	47.9	1.4
WG57	57 Warwick Gardens	95.1	47.1	47.1	0.0
WG59	59 Warwick Gardens	106.8	42.9	42.0	2.2
WG61	61 Warwick Gardens	64.1	40.5	40.5	0.0
WG63	63 Warwick Gardens	83.8	40.4	40.4	0.0
WG65	65 Warwick Gardens	107.0	43.5	43.5	0.0
WG67-109	67-109 Warwick Gardens	944.8	91.4	91.4	0.0
X	1-9 Warwick Gardens & 291-295 St Anns Road	1,181.5	94.7	93.0	1.8

*Sunlit Area *Sunlit Area = Area receiving at least 2hrs. of sunlight on 21st March

Table 1: Results



Appendix 4

Detailed results of the daylight and sunlight assessment within Phase 1

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Block A1		Ground	R1	W1	LKD	150	239	1.5	3.0	347
				W2						167
			R2	W3 W6	LKD	150	227	1.5	2.4	167 347
		First	R3	W4 W5	Kitchen	200	324	1.5	0.1	77 347
			R1	W1	Bedroom	100	236	1.5	0.0	347
			R2	W2	Bedroom	100	221	1.5	4.4	167
			R3	W3	Bedroom	100	156	1.5	4.8	167
			R4	W4 W5	Bedroom	100	407	1.5	3.3	167 77
			R5	W6 W7 W8	Living Room	150	487	1.5	0.6	77 347 347
			R6	W9	Bedroom	100	235	1.5	0.0	347
		Second	R1	W1 W2	Bedroom	100	227	1.5	6.0	347 167
			R2	W3 W8	Bedroom	100	209	1.5	5.3	167 347
			R3	W4 W5	Bedroom	100	328	1.5	5.5	167 77
			R4	W6 W7	Bedroom	100	306	1.5	1.8	77 347
Block A2		Ground	R1	W1 W2	Kitchen	200	325	1.5	1.6	353 262
			R2	W3 W10	LKD	150	199	1.5	1.4	173 353
			R3	W4 W9	LKD	150	199	1.5	1.4	173 353
			R4	W5 W8	LKD	150	210	1.5	1.5	173 353
			R5	W6 W7	LKD	150	225	1.5	2.1	173 353
		First	R1	W1 W2 W3	Living Room	150	504	1.5	2.3	353 353 262
			R2	W5 W4	Bedroom	100	394	1.5	4.7	173 262
			R3	W6	Bedroom	100	98	1.5	3.2	172
			R4	W7	Bedroom	100	115	1.5	5.2	172
			R5	W8	Bedroom	100	129	1.5	5.3	172
			R6	W9	Bedroom	100	177	1.5	5.5	172
			R7	W10	Bedroom	100	244	1.5	0.0	353
			R8	W11	Bedroom	100	242	1.5	0.0	353

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Block C1		Second	R9	W12	Bedroom	100	240	1.5	0.0	353
			R10	W13	Bedroom	100	237	1.5	0.0	353
			R1	W1 W2	Bedroom	100	315	1.5	3.1	353 262
			R2	W4 W3	Bedroom	100	322	1.5	6.6	173 262
			R3	W5 W12	Bedroom	100	180	1.5	5.2	173 353
			R4	W6 W11	Bedroom	100	179	1.5	5.3	173 353
			R5	W7 W10	Bedroom	100	184	1.5	6.0	173 353
			R6	W8 W9	Bedroom	100	203	1.5	6.0	173 353
		Ground	R1	W1	Bedroom	100	95	1.5	3.2	263
			R2	W2	Bedroom	100	312	1.5	3.5	262
			R3	W3 W4 W5 W6 W7	LKD	150	263	1.5	4.9	262 172 262 173 173
			R4	W8 W9 W10 W11	LKD	150	152	1.5	3.0	173 83 173 83
			R5	W12	Bedroom	100	40	1.5	0.0	83
			R6	W13	Bedroom	100	59	1.5	0.0	83
		First	R1	W1 W2 W41	LKD	150	171	1.5	3.7	173 263 263
			R2	W3	Bedroom	100	308	1.5	3.5	262
			R3	W4 W5 W6 W7 W8	LKD	150	370	1.5	5.0	262 173 262 173 173
			R4	W9 W10 W11 W12	LKD	150	198	1.5	3.3	173 83 173 83
			R5	W13	Bedroom	100	74	1.5	0.0	83
			R6	W14 W15 W16	LKD	150	44	1.5	0.4	83 173 83
			R7	W17	Bedroom	100	72	1.5	0.0	83
			R8	W18	Bedroom	100	80	1.5	0.8	83
			R9	W19 W20	LKD	150	50	1.5	1.1	83 353

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W21						83
			R10	W22	Bedroom	100	98	1.5	0.5	83
			R11	W23 W24 W25 W26	LKD	150	301	1.5	0.9	83 353 83 353
			R12	W27 W28 W29 W30 W31	LKD	150	463	1.5	2.7	352 353 263 352 262
			R13	W32	Bedroom	100	287	1.5	2.8	262
			R14	W33 W34 W35	LKD	150	141	1.5	3.4	263 352 263
			R15	W36	Bedroom	100	237	1.5	2.8	262
			R16	W37 W38	LKD	150	102	1.5	1.5	262 262
			R17	W39	Bedroom	100	110	1.5	2.8	262
			R18	W40	Bedroom	100	263	1.5	2.8	262
		Second	R1	W1 W2 W41	LKD	150	238	1.5	3.8	173 263 263
			R2	W3	Bedroom	100	386	1.5	3.5	262
			R3	W4 W5 W6 W7 W8	LKD	150	443	1.5	5.9	262 173 262 173 173
			R4	W9 W10 W11 W12	LKD	150	239	1.5	3.6	173 83 173 83
			R5	W13	Bedroom	100	100	1.5	0.1	83
			R6	W14 W15 W16	LKD	150	60	1.5	0.7	83 173 83
			R7	W17	Bedroom	100	97	1.5	0.8	83
			R8	W18	Bedroom	100	104	1.5	1.0	83
			R9	W19 W20 W21	LKD	150	68	1.5	1.4	83 353 83
			R10	W22	Bedroom	100	141	1.5	0.8	83
			R11	W23 W24 W25 W26	LKD	150	376	1.5	1.5	83 353 83 353
			R12	W27 W28	LKD	150	560	1.5	3.0	352 353

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W29						263
				W30						352
				W31						262
			R13	W32	Bedroom	100	376	1.5	3.3	262
			R14	W33	LKD	150	210	1.5	3.8	263
				W34						352
				W35						263
			R15	W36	Bedroom	100	314	1.5	3.5	262
			R16	W37	LKD	150	206	1.5	2.1	262
				W38						262
			R17	W39	Bedroom	100	204	1.5	3.5	262
			R18	W40	Bedroom	100	350	1.5	3.5	262
		Third	R1	W1	LKD	150	276	1.5	3.8	173
				W2						263
				W41						263
			R2	W3	Bedroom	100	418	1.5	3.5	262
			R3	W4	LKD	150	520	1.5	7.9	262
				W5						173
				W6						262
				W7						173
				W8						173
			R4	W9	LKD	150	298	1.5	6.1	173
				W10						83
				W11						173
				W12						83
			R5	W13	Bedroom	100	167	1.5	0.5	83
			R6	W14	LKD	150	95	1.5	2.0	83
				W15						173
				W16						83
			R7	W17	Bedroom	100	151	1.5	1.5	83
			R8	W18	Bedroom	100	155	1.5	1.3	83
			R9	W19	LKD	150	104	1.5	1.5	83
				W20						353
				W21						83
			R10	W22	Bedroom	100	204	1.5	1.5	83
			R11	W23	LKD	150	438	1.5	1.9	83
				W24						353
				W25						83
				W26						353
			R12	W27	LKD	150	616	1.5	3.0	352
				W28						353
				W29						263
				W30						352
				W31						262
			R13	W32	Bedroom	100	418	1.5	3.3	262
			R14	W33	LKD	150	250	1.5	3.8	263
				W34						352
				W35						263
			R15	W36	Bedroom	100	367	1.5	3.5	262

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Block B1		Fourth	R16	W37 W38	LKD	150	268	1.5	2.1	262 262
			R17	W39	Bedroom	100	246	1.5	3.1	262
			R18	W40	Bedroom	100	402	1.5	3.5	262
			R1	W1 W2 W41	LKD	150	397	1.5	4.6	173 263 263
			R2	W3	Bedroom	100	432	1.5	3.5	262
			R3	W4 W5 W6 W7 W8	LKD	150	660	1.5	8.2	262 173 262 173 173
			R4	W9 W10 W11 W12	LKD	150	441	1.5	6.4	173 83 173 83
			R5	W13	Bedroom	100	230	1.5	1.8	83
			R6	W14 W15 W16	LKD	150	221	1.5	3.5	83 173 83
			R7	W17	Bedroom	100	210	1.5	2.0	83
			R8	W18	Bedroom	100	215	1.5	1.5	83
			R9	W19 W20 W21	LKD	150	253	1.5	1.9	83 353 83
			R10	W22	Bedroom	100	262	1.5	2.0	83
			R11	W23 W24 W25 W26	LKD	150	546	1.5	2.3	83 353 83 353
			R12	W27 W28 W29 W30 W31	LKD	150	670	1.5	3.0	352 353 263 352 262
			R13	W32	Bedroom	100	430	1.5	3.5	262
			R14	W33 W34 W35	LKD	150	368	1.5	3.8	263 352 263
			R15	W36	Bedroom	100	381	1.5	3.5	262
			R16	W37 W38	LKD	150	286	1.5	2.1	262 262
			R17	W39	Bedroom	100	261	1.5	3.1	262
			R18	W40	Bedroom	100	414	1.5	3.5	262
		Ground	R1	W1 W2 W3	LKD	150	403	1.5	6.6	263 173 173

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W4						82
			R2	W5 W23	LKD	150	229	1.5	4.9	82 263
			R3	W6 W22	LKD	150	221	1.5	4.3	82 263
			R4	W7 W21	LKD	150	218	1.5	4.1	82 263
			R5	W8 W20	LKD	150	209	1.5	4.1	82 263
			R6	W9 W19	LKD	150	207	1.5	4.2	82 263
			R7	W10 W18	LKD	150	201	1.5	4.0	82 263
			R8	W11 W17	LKD	150	215	1.5	3.7	82 263
			R9	W12 W16	LKD	150	228	1.5	3.8	82 263
			R10	W13 W14 W15	LKD	150	290	1.5	3.8	82 353 263
		First	R1	W1	Bedroom	100	433	1.5	3.8	263
			R2	W2 W3	Bedroom	100	373	1.5	4.4	173 83
			R3	W4	Bedroom	100	138	1.5	1.3	83
			R4	W5	Bedroom	100	124	1.5	0.7	83
			R5	W6	Bedroom	100	118	1.5	0.4	83
			R6	W7	Bedroom	100	113	1.5	0.3	83
			R7	W8	Bedroom	100	115	1.5	0.3	83
			R8	W9	Bedroom	100	122	1.5	0.2	83
			R9	W10	Bedroom	100	144	1.5	0.2	83
			R10	W11	Bedroom	100	208	1.5	0.3	83
			R11	W12	Bedroom	100	260	1.5	0.2	83
			R12	W13	Bedroom	100	411	1.5	3.7	263
			R13	W14	Bedroom	100	404	1.5	3.8	263
			R14	W15	Bedroom	100	410	1.5	3.8	263
			R15	W16	Bedroom	100	411	1.5	3.8	263
			R16	W17	Bedroom	100	415	1.5	3.8	263
			R17	W18	Bedroom	100	411	1.5	3.8	263
			R18	W19	Bedroom	100	418	1.5	3.8	263
			R19	W20	Bedroom	100	417	1.5	3.8	263
			R20	W21	Bedroom	100	419	1.5	3.8	263

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Block B2		Second	R1	W1	Bedroom	100	396	1.5	3.8	263
			R2	W2	Bedroom	100	380	1.5	4.7	173
				W3						83
				W4						83
			R3	W5	Bedroom	100	220	1.5	1.9	83
				W6						83
			R4	W7	Bedroom	100	212	1.5	1.2	83
				W8						83
			R5	W9	Bedroom	100	203	1.5	0.9	83
				W10						83
			R6	W11	Bedroom	100	207	1.5	0.9	83
				W12						83
			R7	W13	Bedroom	100	216	1.5	0.9	83
				W14						83
			R8	W15	Bedroom	100	234	1.5	0.8	83
				W16						83
			R9	W17	Bedroom	100	253	1.5	0.9	83
				W18						83
			R10	W19	Bedroom	100	322	1.5	0.8	83
				W20						83
			R11	W21	Bedroom	100	352	1.5	0.9	83
				W22						83
			R12	W23	Bedroom	100	388	1.5	3.8	263
			R13	W24	Bedroom	100	386	1.5	3.8	263
			R14	W25	Bedroom	100	386	1.5	3.8	263
			R15	W26	Bedroom	100	384	1.5	3.8	263
			R16	W27	Bedroom	100	385	1.5	3.8	263
			R17	W28	Bedroom	100	387	1.5	3.8	263
			R18	W29	Bedroom	100	388	1.5	3.8	263
			R19	W30	Bedroom	100	389	1.5	3.8	263
			R20	W31	Bedroom	100	391	1.5	3.8	263
Block B2		Ground	R1	W1	LKD	150	391	1.5	7.2	263
				W2						173
				W3						173
				W4						82
			R2	W5	LKD	150	226	1.5	4.6	82
				W19						263
			R3	W6	LKD	150	224	1.5	4.0	82
				W18						263
			R4	W7	LKD	150	223	1.5	3.8	82
				W17						263
			R5	W8	LKD	150	225	1.5	3.8	82
				W16						263
			R6	W8	LKD	150	225	1.5	3.8	82

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W16						263
			R7	W9 W15	LKD	150	214	1.5	4.3	82 263
			R8	W9 W15	LKD	150	214	1.5	4.3	82 263
			R9	W10 W14	LKD	150	185	1.5	4.3	82 263
			R10	W10 W14	LKD	150	185	1.5	4.3	82 263
			R11	W11 W12 W13	LKD	150	195	1.5	3.1	82 353 263
			R12	W11 W12 W13	LKD	150	195	1.5	3.1	82 353 263
		First	R1	W1	Bedroom	100	421	1.5	3.8	263
			R2	W2 W3	Bedroom	100	527	1.5	6.5	173 83
			R3	W4	Bedroom	100	177	1.5	1.3	83
			R4	W5	Bedroom	100	160	1.5	0.8	83
			R5	W6	Bedroom	100	155	1.5	0.8	83
			R6	W7	Bedroom	100	163	1.5	0.7	83
			R7	W8	Bedroom	100	188	1.5	0.5	83
			R8	W9	Bedroom	100	238	1.5	0.5	83
			R9	W10	Bedroom	100	294	1.5	0.5	83
			R10	W11	Bedroom	100	373	1.5	3.6	263
			R11	W12	Bedroom	100	397	1.5	3.8	263
			R12	W13	Bedroom	100	410	1.5	3.8	263
			R13	W14	Bedroom	100	413	1.5	3.8	263
			R14	W15	Bedroom	100	414	1.5	3.8	263
			R15	W16	Bedroom	100	412	1.5	3.8	263
			R16	W17	Bedroom	100	410	1.5	3.8	263
		Second	R1	W1	Bedroom	100	394	1.5	3.8	263
			R2	W2 W3 W4	Bedroom	100	562	1.5	6.7	173 83 83
			R3	W5 W6	Bedroom	100	297	1.5	1.6	83 83
			R4	W7 W8	Bedroom	100	299	1.5	1.5	83 83
			R5	W9 W10	Bedroom	100	292	1.5	1.4	83 83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Blocks C2 and	Ground		R6	W11 W12	Bedroom	100	314	1.5	1.4	83 83
			R7	W13 W14	Bedroom	100	342	1.5	1.2	83 83
			R8	W15 W16	Bedroom	100	376	1.5	1.2	83 83
			R9	W17 W18	Bedroom	100	430	1.5	1.4	83 83
			R10	W19	Bedroom	100	387	1.5	3.8	263
			R11	W20	Bedroom	100	390	1.5	3.8	263
			R12	W21	Bedroom	100	393	1.5	3.8	263
			R13	W22	Bedroom	100	396	1.5	3.8	263
			R14	W23	Bedroom	100	398	1.5	3.8	263
			R15	W24	Bedroom	100	398	1.5	3.8	263
			R16	W25	Bedroom	100	396	1.5	3.8	263
			R1	W1	Bedroom	100	51	1.5	2.6	173
			R2	W2 W3 W4 W5 W6	LKD	150	108	1.5	2.9	173 82 173 83 83
			R3	W7 W8 W9	LKD	150	15	1.5	0.0	82 173 82
			R4	W10 W11 W12	LKD	150	27	1.5	0.0	82 353 83
			R5	W13 W14 W15 W16 W17	LKD	150	358	1.5	1.8	83 83 352 83 353
			R6	W18	Bedroom	100	199	1.5	0.0	353
			R7	W19	Bedroom	100	112	1.5	0.0	353
			R8	W20	Bedroom	100	187	1.5	0.0	353
			R9	W21 W22 W23 W34	LKD	150	115	1.5	0.1	353 263 262 262
			R10	W24 W25 W26 W27 W35	LKD	150	79	1.5	3.3	263 263 172 172 262
			R11	W28	Bedroom	100	107	1.5	3.1	172
			R12	W29	Bedroom	100	64	1.5	3.1	172
			R13	W30	Bedroom	100	38	1.5	1.4	262

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R14	W31	Bedroom	100	52	1.5	1.3	263
			R15	W32	Bedroom	100	51	1.5	0.6	262
			R16	W33	Bedroom	100	36	1.5	0.0	262
		First	R1	W1	Bedroom	100	152	1.5	3.2	173
			R2	W2	LKD	150	215	1.5	3.7	173
				W3						83
				W4						172
				W5						83
				W6						83
			R3	W7	Bedroom	100	39	1.5	0.1	83
			R4	W8	LKD	150	105	1.5	1.3	172
				W9						83
				W10						83
			R5	W11	LKD	150	100	1.5	1.6	83
				W12						83
				W13						352
			R6	W14	Bedroom	100	37	1.5	0.2	83
			R7	W15	LKD	150	71	1.5	1.7	83
				W16						172
				W17						83
			R8	W18	LKD	150	97	1.5	2.5	83
				W19						352
				W20						83
			R9	W21	Bedroom	100	68	1.5	0.0	83
			R10	W22	LKD	150	186	1.5	1.9	172
				W23						83
				W24						83
			R11	W25	LKD	150	213	1.5	2.0	83
				W26						83
				W27						352
			R12	W28	Bedroom	100	116	1.5	0.4	83
			R13	W29	LKD	150	407	1.5	2.0	83
				W30						83
				W31						352
				W32						83
				W33						353
			R14	W34	Bedroom	100	272	1.5	0.0	353
			R15	W35	Bedroom	100	301	1.5	0.0	353
			R16	W36	Bedroom	100	260	1.5	0.0	353
			R17	W37	Bedroom	100	276	1.5	0.0	353
			R18	W38	LKD	150	265	1.5	0.0	353
				W39						262
				W40						353
				W41						263
				W42						263
			R19	W43	LKD	150	150	1.5	3.6	263
				W44						263
				W45						172

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
		Second		W46						262
				W47						172
			R20	W48	Bedroom	100	151	1.5	3.7	172
			R21	W49	Bedroom	100	135	1.5	3.4	172
			R22	W50	Bedroom	100	155	1.5	2.0	262
			R23	W51	Bedroom	100	117	1.5	2.0	262
			R24	W52	Bedroom	100	112	1.5	1.3	262
			R25	W53	Bedroom	100	146	1.5	0.4	262
			R26	W54	Bedroom	100	120	1.5	0.0	352
			R27	W55	Bedroom	100	141	1.5	0.0	352
			R28	W56	LKD	150	134	1.5	0.9	352
				W57						262
				W58						352
				W59						262
				W60						262
			R29	W61	LKD	150	165	1.5	5.4	262
				W62						262
				W63						172
				W64						262
				W65						173
			R30	W66	Bedroom	100	175	1.5	3.1	173
			R31	W67	Bedroom	100	133	1.5	3.2	173
			R32	W68	Bedroom	100	122	1.5	3.2	173
			R1	W1	Bedroom	100	169	1.5	3.2	173
			R2	W2	LKD	150	289	1.5	4.1	173
				W3						83
				W4						172
				W5						83
				W6						83
			R3	W7	Bedroom	100	84	1.5	0.2	83
			R4	W8	LKD	150	179	1.5	2.0	172
				W9						83
				W10						83
			R5	W11	LKD	150	176	1.5	2.0	83
				W12						83
				W13						352
			R6	W14	Bedroom	100	78	1.5	0.6	83
			R7	W15	LKD	150	117	1.5	2.4	83
				W16						172
				W17						83
			R8	W18	LKD	150	133	1.5	2.6	83
				W19						352
				W20						83
			R9	W21	Bedroom	100	94	1.5	0.0	83
			R10	W22	LKD	150	218	1.5	2.0	172
				W23						83
				W24						83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R11	W25 W26 W27	LKD	150	239	1.5	2.0	83 83 352
			R12	W28	Bedroom	100	131	1.5	0.4	83
			R13	W29 W30 W31 W32 W33	LKD	150	460	1.5	2.0	83 83 352 83 353
			R14	W34	Bedroom	100	335	1.5	0.0	353
			R15	W35	Bedroom	100	369	1.5	0.0	353
			R16	W36	Bedroom	100	333	1.5	0.0	353
			R17	W37	Bedroom	100	355	1.5	0.0	353
			R18	W38 W39 W40 W41 W42	LKD	150	323	1.5	1.0	353 262 353 263 263
			R19	W43 W44 W45 W46 W47	LKD	150	201	1.5	4.3	263 263 172 262 172
			R20	W48	Bedroom	100	201	1.5	3.9	172
			R21	W49	Bedroom	100	176	1.5	3.4	172
			R22	W50	Bedroom	100	227	1.5	2.5	262
			R23	W51	Bedroom	100	183	1.5	2.5	262
			R24	W52	Bedroom	100	179	1.5	2.5	262
			R25	W53	Bedroom	100	200	1.5	1.2	262
			R26	W54	Bedroom	100	152	1.5	0.0	352
			R27	W55	Bedroom	100	177	1.5	0.0	352
			R28	W56 W57 W58 W59 W60	LKD	150	169	1.5	1.2	352 262 352 262 262
			R29	W61 W62 W63 W64 W65	LKD	150	204	1.5	5.4	262 262 172 262 173
			R30	W66	Bedroom	100	198	1.5	3.6	173
			R31	W67	Bedroom	100	150	1.5	3.3	173
			R32	W68	Bedroom	100	140	1.5	3.2	173
		Third	R1	W1	Bedroom	100	186	1.5	3.2	173
			R2	W2	LKD	150	340	1.5	4.1	173

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W3						83
				W4						172
				W5						83
				W6						83
			R3	W7	Bedroom	100	113	1.5	0.4	83
			R4	W8	LKD	150	223	1.5	2.0	172
				W9						83
				W10						83
			R5	W11	LKD	150	214	1.5	2.0	83
				W12						83
				W13						352
			R6	W14	Bedroom	100	99	1.5	0.7	83
			R7	W15	LKD	150	144	1.5	2.4	83
				W16						172
				W17						83
			R8	W18	LKD	150	152	1.5	2.6	83
				W19						352
				W20						83
			R9	W21	Bedroom	100	104	1.5	0.0	83
			R10	W22	LKD	150	238	1.5	2.0	172
				W23						83
				W24						83
			R11	W25	LKD	150	253	1.5	2.0	83
				W26						83
				W27						352
			R12	W28	Bedroom	100	138	1.5	0.4	83
			R13	W29	LKD	150	484	1.5	2.0	83
				W30						83
				W31						352
				W32						83
				W33						353
			R14	W34	Bedroom	100	385	1.5	0.0	353
			R15	W35	Bedroom	100	412	1.5	0.0	353
			R16	W36	Bedroom	100	382	1.5	0.0	353
			R17	W37	Bedroom	100	395	1.5	0.0	353
			R18	W38	LKD	150	399	1.5	1.6	353
				W39						262
				W40						353
				W41						263
				W42						263
			R19	W43	LKD	150	308	1.5	5.5	263
				W44						263
				W45						172
				W46						262
				W47						172
			R20	W48	Bedroom	100	248	1.5	4.1	172
			R21	W49	Bedroom	100	220	1.5	3.5	172
			R22	W50	Bedroom	100	297	1.5	3.2	262
			R23	W51	Bedroom	100	250	1.5	3.2	262

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R24	W52	Bedroom	100	247	1.5	3.2	262
			R25	W53	Bedroom	100	257	1.5	3.2	262
			R26	W54	Bedroom	100	187	1.5	0.0	352
			R27	W55	Bedroom	100	218	1.5	0.0	352
			R28	W56 W57 W58 W59 W60	LKD	150	263	1.5	1.6	352 262 352 262 262
			R29	W61 W62 W63 W64 W65	LKD	150	274	1.5	5.5	262 262 172 262 173
			R30	W66	Bedroom	100	223	1.5	3.6	173
			R31	W67	Bedroom	100	168	1.5	3.3	173
			R32	W68	Bedroom	100	159	1.5	3.2	173
		Fourth	R1	W1	Bedroom	100	205	1.5	3.3	173
			R2	W2 W3 W4 W5 W6	LKD	150	373	1.5	4.3	173 83 172 83 83
			R3	W7	Bedroom	100	128	1.5	0.4	83
			R4	W8 W9 W10	LKD	150	245	1.5	2.0	172 83 83
			R5	W11 W12 W13	LKD	150	235	1.5	2.0	83 83 352
			R6	W14	Bedroom	100	110	1.5	0.7	83
			R7	W15 W16 W17	LKD	150	158	1.5	2.4	83 172 83
			R8	W18 W19 W20	LKD	150	166	1.5	2.6	83 352 83
			R9	W21	Bedroom	100	111	1.5	0.0	83
			R10	W22 W23 W24	LKD	150	253	1.5	2.0	172 83 83
			R11	W25 W26 W27	LKD	150	264	1.5	2.0	83 83 352
			R12	W28	Bedroom	100	143	1.5	0.4	83
			R13	W29 W30 W31	LKD	150	537	1.5	2.0	83 83 352

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W32						83
				W33						353
			R14	W34	Bedroom	100	397	1.5	0.0	353
			R15	W35	Bedroom	100	423	1.5	0.0	353
			R16	W36	Bedroom	100	397	1.5	0.0	353
			R17	W37	Bedroom	100	408	1.5	0.0	353
			R18	W38	LKD	150	541	1.5	3.0	353
				W39						262
				W40						353
				W41						263
				W42						263
			R19	W43	LKD	150	526	1.5	7.0	263
				W44						263
				W45						172
				W46						262
				W47						172
			R20	W48	Bedroom	100	298	1.5	4.4	172
			R21	W49	Bedroom	100	262	1.5	3.6	172
			R22	W50	Bedroom	100	360	1.5	3.5	262
			R23	W51	Bedroom	100	317	1.5	3.5	262
			R24	W52	Bedroom	100	319	1.5	3.5	262
			R25	W53	Bedroom	100	339	1.5	3.5	262
			R26	W54	Bedroom	100	227	1.5	0.0	352
			R27	W55	Bedroom	100	258	1.5	0.0	352
			R28	W56	LKD	150	445	1.5	3.0	352
				W57						262
				W58						352
				W59						262
				W60						262
			R29	W61	LKD	150	464	1.5	6.1	262
				W62						262
				W63						172
				W64						262
				W65						173
			R30	W66	Bedroom	100	264	1.5	3.9	173
			R31	W67	Bedroom	100	187	1.5	3.5	173
			R32	W68	Bedroom	100	175	1.5	3.3	173
		Fifth	R1	W1	Bedroom	100	226	1.5	3.8	173
			R2	W2	LKD	150	405	1.5	5.1	173
				W3						83
				W4						172
				W5						83
				W6						83
			R3	W7	LKD	150	260	1.5	2.0	172
				W9						83
				W10						83
			R4	W8	Bedroom	100	136	1.5	0.4	83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R5	W11 W12 W13	LKD	150	252	1.5	2.0	83 83 352
			R6	W14	Bedroom	100	118	1.5	0.7	83
			R7	W15 W16 W17	LKD	150	165	1.5	2.4	83 172 83
			R8	W18 W19 W20	LKD	150	174	1.5	2.6	83 352 83
			R9	W21	Bedroom	100	115	1.5	0.0	83
			R10	W22 W23 W24	LKD	150	261	1.5	2.0	172 83 83
			R11	W25 W26 W27	LKD	150	268	1.5	2.0	83 83 352
			R12	W28 W29	Bedroom	100	443	1.5	0.4	83 352
			R13	W30	Bedroom	100	419	1.5	3.5	262
			R14	W31	Bedroom	100	373	1.5	3.5	262
			R15	W32	Bedroom	100	368	1.5	3.5	262
			R16	W33	Bedroom	100	400	1.5	3.5	262
			R17	W34 W35	Bedroom	100	568	1.5	5.4	262 173
		Sixth	R1	W1	Bedroom	100	258	1.5	6.8	173
			R2	W2 W3 W4 W5 W6	LKD	150	511	1.5	7.3	173 83 172 83 83
			R3	W7 W9 W10	LKD	150	286	1.5	2.7	172 83 83
			R4	W8	Bedroom	100	191	1.5	0.4	83
			R5	W11 W12 W13	LKD	150	269	1.5	2.0	83 83 352
			R6	W14	Bedroom	100	130	1.5	0.7	83
			R7	W15 W16 W17	LKD	150	178	1.5	2.3	83 172 83
			R8	W18 W19 W20	LKD	150	187	1.5	2.6	83 352 83
			R9	W21	Bedroom	100	126	1.5	0.0	83
			R10	W22	LKD	150	272	1.5	2.0	172

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Block D3		Ground		W23	LKD	150	286	1.5	2.0	83
				W24						83
			R11	W25	Bedroom	100	512	1.5	0.4	83
				W26						83
				W27						352
			R12	W28						83
				W29						352
			R13	W30	Bedroom	100	438	1.5	3.5	262
			R14	W31	Bedroom	100	392	1.5	3.5	262
			R15	W32	Bedroom	100	384	1.5	3.5	262
			R16	W33	Bedroom	100	425	1.5	3.5	262
			R17	W34	Bedroom	100	673	1.5	8.7	262
				W35						173
			R1	W1	Bedroom	100	41	1.5	0.4	262
			R2	W2	Bedroom	100	54	1.5	0.0	262
			R3	W3	Bedroom	100	75	1.5	0.0	262
				W4						172
			R4	W5	LKD	150	70	1.5	4.7	262
				W6						262
				W7						173
				W8						173
				W24						172
			R5	W9	LKD	150	187	1.5	6.9	173
				W10						173
				W11						83
				W12						83
				W25						172
			R6	W13	Bedroom	100	317	1.5	2.9	172
				W14						83
			R7	W15	Bedroom	100	271	1.5	2.3	83
			R8	W16	Bedroom	100	219	1.5	2.3	83
			R9	W17	Bedroom	100	301	1.5	2.3	83
				W18						352
			R10	W19	LKD	150	107	1.5	1.7	83
				W20						83
				W21						353
				W22						353
				W23						352
		First	R1	W1	LKD	150	53	1.5	1.1	263
				W2						352
				W3						262
			R2	W4	Bedroom	100	91	1.5	0.8	262
				W5						172
			R3	W6	LKD	150	191	1.5	5.3	262
				W7						262
				W8						173
				W9						173
			R4	W10	Bedroom	100	191	1.5	5.6	173

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R5	W11	Bedroom	100	208	1.5	5.9	173
			R6	W12	LKD	150	436	1.5	7.5	173
				W13						173
				W15						83
				W14						83
			R7	W16	Bedroom	100	378	1.5	2.8	172
				W17						83
			R8	W18	LKD	150	196	1.5	2.9	83
				W19						352
				W20						83
			R9	W21	Bedroom	100	440	1.5	2.9	172
				W22						83
			R10	W23	Bedroom	100	375	1.5	2.5	83
				W24						352
			R11	W25	LKD	150	266	1.5	1.6	83
				W27						353
				W28						353
				W26						83
			R12	W29	Bedroom	100	74	1.5	0.0	353
			R13	W30	Bedroom	100	72	1.5	0.0	353
			R14	W31	LKD	150	159	1.5	0.0	353
				W32						353
				W33						262
				W34						262
			R15	W35	Bedroom	100	165	1.5	1.1	352
				W36						262
			R16	W37	Bedroom	100	164	1.5	1.5	262
				W38						172
		Second	R1	W1	LKD	150	63	1.5	1.8	263
				W2						352
				W3						262
			R2	W4	Bedroom	100	112	1.5	1.4	262
				W5						172
			R3	W6	LKD	150	245	1.5	6.2	262
				W7						262
				W8						173
				W9						173
			R4	W10	Bedroom	100	227	1.5	6.7	173
			R5	W11	Bedroom	100	236	1.5	7.1	173
			R6	W12	LKD	150	496	1.5	7.9	173
				W13						173
				W15						83
				W14						83
			R7	W16	Bedroom	100	422	1.5	3.0	172
				W17						83
			R8	W18	LKD	150	224	1.5	3.2	83
				W19						352
				W20						83
			R9	W21	Bedroom	100	498	1.5	3.2	172
				W22						83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R10	W23 W24	Bedroom	100	427	1.5	2.9	83 352
			R11	W25 W27 W28 W26	LKD	150	316	1.5	1.7	83 353 353 83
			R12	W29	Bedroom	100	90	1.5	0.0	353
			R13	W30	Bedroom	100	86	1.5	0.0	353
			R14	W31 W32 W33 W34	LKD	150	207	1.5	0.0	353 353 262 262
			R15	W35 W36	Bedroom	100	202	1.5	1.8	352 262
			R16	W37 W38	Bedroom	100	220	1.5	2.1	262 172
		Third	R1	W1 W2 W3	LKD	150	83	1.5	2.7	263 352 262
			R2	W4 W5	Bedroom	100	194	1.5	2.4	262 172
			R3	W6 W7 W8 W9	LKD	150	320	1.5	7.4	262 262 173 173
			R4	W10	Bedroom	100	263	1.5	7.4	173
			R5	W11	Bedroom	100	270	1.5	7.4	173
			R6	W12 W13 W15 W14	LKD	150	552	1.5	7.9	173 173 83 83
			R7	W16 W17	Bedroom	100	459	1.5	3.0	172 83
			R8	W18 W19 W20	LKD	150	240	1.5	3.2	83 352 83
			R9	W21 W22	Bedroom	100	542	1.5	3.2	172 83
			R10	W23 W24	Bedroom	100	467	1.5	2.9	83 352
			R11	W25 W27 W28 W26	LKD	150	359	1.5	1.7	83 353 353 83
			R12	W29	Bedroom	100	113	1.5	0.0	353
			R13	W30	Bedroom	100	112	1.5	0.0	353
			R14	W31 W32 W33	LKD	150	270	1.5	0.8	353 353 262

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W34						262
			R15	W35 W36	Bedroom	100	288	1.5	1.9	352 262
			R16	W37 W38	Bedroom	100	315	1.5	2.5	262 172
		Fourth	R1	W1 W2 W3	LKD	150	136	1.5	3.5	263 352 262
			R2	W4 W5	Bedroom	100	322	1.5	3.2	262 172
			R3	W6 W7 W8 W9	LKD	150	448	1.5	8.6	262 262 173 173
			R4	W10	Bedroom	100	302	1.5	7.4	173
			R5	W11	Bedroom	100	302	1.5	7.4	173
			R6	W12 W13 W15 W14	LKD	150	599	1.5	7.9	173 173 83 83
			R7	W16 W17	Bedroom	100	494	1.5	3.0	172 83
			R8	W18 W19 W20	LKD	150	254	1.5	3.2	83 352 83
			R9	W21 W22	Bedroom	100	571	1.5	3.2	172 83
			R10	W23 W24	Bedroom	100	490	1.5	2.9	83 352
			R11	W25 W27 W28 W26	LKD	150	407	1.5	1.7	83 353 353 83
			R12	W29	Bedroom	100	142	1.5	0.0	353
			R13	W30	Bedroom	100	144	1.5	0.0	353
			R14	W31 W32 W33 W34	LKD	150	365	1.5	1.7	353 353 262 262
			R15	W35 W36	Bedroom	100	374	1.5	2.5	352 262
			R16	W37 W38	Bedroom	100	418	1.5	2.8	262 172
		Fifth	R1	W1 W2 W3	LKD	150	204	1.5	4.0	263 352 262
			R2	W4 W5	Bedroom	100	445	1.5	3.8	262 172
			R3	W6	LKD	150	593	1.5	9.0	262

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
		Sixth		W7						262
				W8						173
				W9						173
			R4	W10	Bedroom	100	334	1.5	7.4	173
			R5	W11	Bedroom	100	329	1.5	7.4	173
			R6	W12	LKD	150	640	1.5	7.9	173
				W13						173
				W15						83
				W14						83
			R7	W16	Bedroom	100	522	1.5	3.0	172
				W17						83
			R8	W18	LKD	150	266	1.5	3.2	83
				W19						352
				W20						83
			R9	W21	Bedroom	100	596	1.5	3.2	172
				W22						83
			R10	W23	Bedroom	100	506	1.5	2.9	83
				W24						352
			R11	W25	LKD	150	456	1.5	1.7	83
				W27						353
				W28						353
				W26						83
			R12	W29	Bedroom	100	200	1.5	0.0	353
			R13	W30	Bedroom	100	211	1.5	0.0	353
			R14	W31	LKD	150	451	1.5	2.1	353
				W32						353
				W33						262
				W34						262
			R15	W35	Bedroom	100	456	1.5	3.8	352
				W36						262
			R16	W37	Bedroom	100	523	1.5	3.7	262
				W38						172
			R1	W1	LKD	150	268	1.5	4.0	263
				W2						352
				W3						262
			R2	W4	Bedroom	100	551	1.5	3.8	262
				W5						172
			R3	W7	LKD	150	725	1.5	9.0	262
				W6						262
				W8						173
				W9						173
			R4	W10	Bedroom	100	362	1.5	7.4	173
			R5	W11	Bedroom	100	354	1.5	7.4	173
			R6	W12	LKD	150	680	1.5	7.9	173
				W13						173
				W15						83
				W14						83
			R7	W16	Bedroom	100	548	1.5	3.0	172
				W17						83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R8	W18 W19 W20	LKD	150	279	1.5	3.2	83 352 83
			R9	W21 W22	Bedroom	100	618	1.5	3.2	172 83
			R10	W23 W24	Bedroom	100	523	1.5	2.9	83 352
			R11	W26 W27 W28 W25	LKD	150	508	1.5	1.7	83 353 353 83
			R12	W29	Bedroom	100	250	1.5	0.0	353
			R13	W30	Bedroom	100	257	1.5	0.0	353
			R14	W31 W32 W33 W34	LKD	150	521	1.5	2.1	353 353 262 262
			R15	W35 W36	Bedroom	100	524	1.5	3.8	352 262
			R16	W37 W38	Bedroom	100	611	1.5	4.0	262 172
		Seventh	R1	W1 W2 W3	LKD	150	299	1.5	4.1	263 352 262
			R2	W4 W5	Bedroom	100	591	1.5	3.8	262 172
			R3	W7 W6 W8 W9	LKD	150	779	1.5	9.0	262 262 173 173
			R4	W10	Bedroom	100	376	1.5	7.4	173
			R5	W11	Bedroom	100	369	1.5	7.4	173
			R6	W12 W13 W15 W14	LKD	150	702	1.5	7.9	173 173 83 83
			R7	W16 W17	Bedroom	100	567	1.5	3.0	172 83
			R8	W18 W19 W20	LKD	150	291	1.5	3.3	83 83 352
			R9	W21 W22	Bedroom	100	632	1.5	3.3	172 83
			R10	W23 W24	Bedroom	100	538	1.5	2.9	83 352
			R11	W26 W27 W28 W25	LKD	150	546	1.5	1.7	83 353 353 83
			R12	W29	Bedroom	100	288	1.5	0.0	353

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Blocks D1 and		Eighth	R13	W30	Bedroom	100	290	1.5	0.0	353
			R14	W31 W32 W33 W34	LKD	150	556	1.5	2.1	353 353 262 262
			R15	W35 W36	Bedroom	100	552	1.5	3.8	352 262
			R16	W37 W38	Bedroom	100	647	1.5	4.1	262 172
			R1	W1 W2 W3	LKD	150	308	1.5	4.1	263 352 262
			R2	W4 W5	Bedroom	100	657	1.5	5.8	262 172
			R3	W7 W6 W8 W9	LKD	150	861	1.5	9.0	262 262 173 173
			R4	W10	Bedroom	100	383	1.5	7.4	173
			R5	W11	Bedroom	100	378	1.5	7.4	173
			R6	W12 W13 W15 W14	LKD	150	775	1.5	7.9	173 173 83 83
			R7	W16 W17	Bedroom	100	635	1.5	5.0	172 83
			R8	W18 W19 W20	LKD	150	299	1.5	3.3	83 83 352
			R9	W21 W22	Bedroom	100	646	1.5	3.3	172 83
			R10	W23 W24	Bedroom	100	583	1.5	2.9	83 352
			R11	W26 W27 W28 W25	LKD	150	617	1.5	2.3	83 353 353 83
			R12	W29	Bedroom	100	308	1.5	0.0	353
			R13	W30	Bedroom	100	301	1.5	0.0	353
			R14	W31 W32 W33 W34	LKD	150	633	1.5	3.3	353 353 262 262
			R15	W35 W36	Bedroom	100	600	1.5	3.8	352 262
			R16	W37 W38	Bedroom	100	664	1.5	4.1	262 172
		Ground	R1	W1 W2	LKD	150	383	1.5	5.9	262 172

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W3						262
				W4						172
			R2	W5	Bedroom	100	179	1.5	4.9	172
			R3	W6	Bedroom	100	304	1.5	4.6	172
			R4	W7	Bedroom	100	287	1.5	4.2	172
			R5	W8	Bedroom	100	370	1.5	3.9	172
			R6	W9	LKD	150	243	1.5	3.4	172
				W10						83
				W11						172
				W12						83
			R7	W13	LKD	150	215	1.5	1.2	83
				W14						353
				W15						83
				W16						353
			R8	W17	Bedroom	100	135	1.5	0.0	353
			R9	W18	Bedroom	100	124	1.5	0.0	353
			R10	W19	Bedroom	100	138	1.5	0.4	83
			R11	W20	Bedroom	100	166	1.5	0.9	83
			R12	W21	Bedroom	100	110	1.5	1.9	83
			R13	W22	Bedroom	100	78	1.5	2.4	83
			R14	W23	Bedroom	100	243	1.5	0.5	83
				W24						353
			R15	W25	Bedroom	100	132	1.5	0.0	353
			R16	W26	LKD	150	203	1.5	2.1	353
				W27						262
				W28						353
				W29						262
			R17	W30	LKD	150	26	1.5	1.6	262
				W31						352
				W32						263
			R18	W33	LKD	150	22	1.5	1.1	263
				W34						173
				W35						262
		First	R1	W1	LKD	150	446	1.5	6.5	263
				W2						172
				W4						172
				W3						262
			R2	W5	Bedroom	100	211	1.5	5.2	172
			R3	W6	Bedroom	100	341	1.5	4.9	172
			R4	W7	Bedroom	100	323	1.5	4.5	172
			R5	W8	Bedroom	100	418	1.5	4.2	172
			R6	W9	LKD	150	249	1.5	5.5	172
				W10						83
				W11						172
				W12						83
			R7	W13	LKD	150	222	1.5	1.7	83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W14						353
				W15						83
				W16						353
			R8	W17	Bedroom	100	151	1.5	0.0	353
			R9	W18	Bedroom	100	136	1.5	0.0	353
			R10	W19	Bedroom	100	167	1.5	0.4	83
			R11	W20	Bedroom	100	158	1.5	1.3	83
			R12	W21	Bedroom	100	120	1.5	1.9	83
			R13	W22	Bedroom	100	145	1.5	2.4	83
			R14	W23	Bedroom	100	309	1.5	0.6	82
				W24						353
			R15	W25	Bedroom	100	171	1.5	0.0	353
			R16	W26	LKD	150	288	1.5	3.1	353
				W27						263
				W28						353
				W29						263
			R17	W30	Bedroom	100	72	1.5	1.5	263
			R18	W31	LKD	150	176	1.5	3.4	352
				W32						263
			R19	W33	LKD	150	159	1.5	3.3	263
				W34						173
			R20	W35	Bedroom	100	54	1.5	1.0	263
			R21	W36	LKD	150	85	1.5	3.3	263
				W37						352
				W38						263
			R22	W39	LKD	150	101	1.5	2.8	263
				W40						173
				W41						263
			R23	W42	Bedroom	100	58	1.5	1.5	263
			R24	W43	LKD	150	159	1.5	3.4	352
				W44						263
			R25	W45	LKD	150	162	1.5	3.3	263
				W46						173
			R26	W47	Bedroom	100	94	1.5	1.0	263
		Second	R1	W1	LKD	150	553	1.5	7.5	263
				W2						172
				W4						172
				W3						262
			R2	W5	Bedroom	100	248	1.5	5.8	172
			R3	W6	Bedroom	100	387	1.5	5.6	172
			R4	W7	Bedroom	100	371	1.5	5.6	172
			R5	W8	Bedroom	100	483	1.5	5.6	172
			R6	W9	LKD	150	286	1.5	6.6	172
				W10						83
				W11						172

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W12						83
			R7	W13	LKD	150	250	1.5	1.9	83
				W14						353
				W15						83
				W16						353
			R8	W17	Bedroom	100	170	1.5	0.0	353
			R9	W18	Bedroom	100	153	1.5	0.0	353
			R10	W19	Bedroom	100	190	1.5	0.5	83
			R11	W20	Bedroom	100	179	1.5	1.3	83
			R12	W21	Bedroom	100	135	1.5	2.1	83
			R13	W22	Bedroom	100	162	1.5	2.6	83
			R14	W23	Bedroom	100	368	1.5	0.6	82
				W24						353
			R15	W25	Bedroom	100	221	1.5	0.0	353
			R16	W26	LKD	150	390	1.5	3.3	353
				W27						263
				W28						353
				W29						263
			R17	W30	Bedroom	100	128	1.5	1.7	263
			R18	W31	LKD	150	249	1.5	3.8	352
				W32						263
			R19	W33	LKD	150	235	1.5	3.7	263
				W34						173
			R20	W35	Bedroom	100	108	1.5	1.2	263
			R21	W36	LKD	150	145	1.5	3.5	263
				W37						352
				W38						263
			R22	W39	LKD	150	172	1.5	3.0	263
				W40						173
				W41						263
			R23	W42	Bedroom	100	116	1.5	1.7	263
			R24	W43	LKD	150	231	1.5	3.8	352
				W44						263
			R25	W45	LKD	150	226	1.5	3.7	263
				W46						173
			R26	W47	Bedroom	100	129	1.5	1.7	263
		Third	R1	W1	LKD	150	645	1.5	9.3	263
				W2						172
				W4						172
				W3						262
			R2	W5	Bedroom	100	279	1.5	6.8	172
			R3	W6	Bedroom	100	442	1.5	6.8	172
			R4	W7	Bedroom	100	409	1.5	6.8	172
			R5	W8	Bedroom	100	556	1.5	6.8	172

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R6	W9 W10 W11 W12	LKD	150	331	1.5	6.9	172 83 172 83
			R7	W13 W14 W15 W16	LKD	150	283	1.5	2.2	83 353 83 353
			R8	W17	Bedroom	100	190	1.5	0.0	353
			R9	W18	Bedroom	100	170	1.5	0.0	353
			R10	W19	Bedroom	100	215	1.5	0.5	83
			R11	W20	Bedroom	100	201	1.5	1.6	83
			R12	W21	Bedroom	100	151	1.5	2.6	83
			R13	W22	Bedroom	100	181	1.5	2.6	83
			R14	W23 W24	Bedroom	100	437	1.5	0.6	82 353
			R15	W25	Bedroom	100	278	1.5	0.0	353
			R16	W26 W27 W28 W29	LKD	150	451	1.5	3.3	353 263 353 263
			R17	W30	Bedroom	100	153	1.5	1.7	263
			R18	W31 W32	LKD	150	283	1.5	3.8	352 263
			R19	W33 W34	LKD	150	270	1.5	3.7	263 173
			R20	W35	Bedroom	100	134	1.5	1.2	263
			R21	W36 W37 W38	LKD	150	171	1.5	3.5	263 352 263
			R22	W39 W40 W41	LKD	150	207	1.5	3.0	263 173 263
			R23	W42	Bedroom	100	142	1.5	1.7	263
			R24	W43 W44	LKD	150	262	1.5	3.8	352 263
			R25	W45 W46	LKD	150	260	1.5	3.7	263 173
			R26	W47	Bedroom	100	150	1.5	1.7	263
		Fourth	R1	W1 W2 W4 W3	LKD	150	706	1.5	9.3	263 172 172 262
			R2	W5	Bedroom	100	300	1.5	6.8	172
			R3	W6	Bedroom	100	481	1.5	6.8	172
			R4	W7	Bedroom	100	446	1.5	6.8	172

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R5	W8	Bedroom	100	617	1.5	6.8	172
			R6	W9 W10 W11 W12	LKD	150	394	1.5	7.2	172 83 172 83
			R7	W13 W14 W15 W16	LKD	150	315	1.5	2.8	83 353 83 353
			R8	W17	Bedroom	100	217	1.5	0.0	353
			R9	W18	Bedroom	100	188	1.5	0.0	353
			R10	W19	Bedroom	100	242	1.5	0.8	83
			R11	W20	Bedroom	100	223	1.5	2.6	83
			R12	W21	Bedroom	100	178	1.5	2.6	83
			R13	W22	Bedroom	100	220	1.5	2.6	83
			R14	W23 W24	Bedroom	100	501	1.5	0.8	82 353
			R15	W25	Bedroom	100	333	1.5	0.0	353
			R16	W26 W27 W28 W29	LKD	150	485	1.5	3.3	353 263 353 263
			R17	W30	Bedroom	100	162	1.5	1.7	263
			R18	W31 W32	LKD	150	294	1.5	3.8	352 263
			R19	W33 W34	LKD	150	282	1.5	3.7	263 173
			R20	W35	Bedroom	100	142	1.5	1.2	263
			R21	W36 W37 W38	LKD	150	179	1.5	3.5	263 352 263
			R22	W39 W40 W41	LKD	150	218	1.5	3.0	263 173 263
			R23	W42	Bedroom	100	150	1.5	1.7	263
			R24	W43 W44	LKD	150	277	1.5	3.8	352 263
			R25	W45 W46	LKD	150	277	1.5	3.7	263 173
			R26	W47	Bedroom	100	164	1.5	1.7	263
		Fifth	R1	W1 W2 W4 W5 W3	LKD	150	904	1.5	8.0	263 172 172 172 262
			R2	W6	Bedroom	100	353	1.5	7.6	172

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R3	W7	Bedroom	100	559	1.5	7.6	172
			R4	W8	Bedroom	100	522	1.5	7.6	172
			R5	W9	Bedroom	100	722	1.5	7.6	172
			R6	W10	LKD	150	607	1.5	8.0	172
				W11						83
				W12						172
				W13						83
				W14						83
			R7	W15	LKD	150	412	1.5	2.0	83
				W16						83
				W17						353
				W18						83
				W19						353
			R8	W20	Bedroom	100	266	1.5	0.0	353
			R9	W21	Bedroom	100	213	1.5	0.0	353
			R10	W22	Bedroom	100	272	1.5	2.0	83
			R11	W23	Bedroom	100	258	1.5	2.6	83
			R12	W24	Bedroom	100	216	1.5	2.6	83
			R13	W25	Bedroom	100	270	1.5	2.6	83
			R14	W26	Bedroom	100	571	1.5	1.1	82
				W27						353
			R15	W28	Bedroom	100	378	1.5	0.0	353
			R16	W29	LKD	150	577	1.5	3.8	353
				W30						263
				W31						353
				W32						263
			R17	W33	LKD	150	313	1.5	3.8	352
				W35						263
			R18	W34	Bedroom	100	216	1.5	1.7	263
			R19	W36	LKD	150	292	1.5	3.4	263
				W37						173
			R20	W38	Bedroom	100	141	1.5	1.2	263
			R21	W39	LKD	150	179	1.5	3.5	263
				W40						352
				W41						263
			R22	W42	LKD	150	220	1.5	2.9	263
				W43						173
				W44						263
			R23	W45	Bedroom	100	149	1.5	1.4	263
			R24	W46	LKD	150	288	1.5	3.8	352
				W47						263
			R25	W48	LKD	150	305	1.5	3.8	263
				W49						173
			R26	W50	Bedroom	100	211	1.5	1.7	263



Appendix 5

Detailed results of the daylight and sunlight assessment within the proposed development (Phases 1b and 2)

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Block J1	Flat1	Ground	R1	W1	Bedroom	100	200	1.5	0.0	347
			R2	W2	Bedroom	100	132	1.5	0.0	347
			R3	W3	LKD	150	280	1.5	1.5	347
				W4						347
				W5						257
				W6						257
	Flat2	Ground	R4	W7	Bedroom	100	279	1.5	2.0	257
			R5	W8	Bedroom	100	295	1.5	2.1	257
			R6	W9	Kitchen	200	240	1.5	2.7	257
			R7	W10	Living Room	150	664	1.5	6.6	257
				W11						167
				W12						167
			R8	W13	Bedroom	100	373	1.5	5.2	167
	Flat3	Ground	R9	W14	LKD	150	196	1.5	0.5	77
				W15						77
				W16						347
				W17						347
			R10	W18	Bedroom	100	82	1.5	0.0	347
			R11	W19	Bedroom	100	137	1.5	0.0	347
	Flat1	First	R1	W1	Bedroom	100	247	1.5	0.0	347
			R2	W2	Bedroom	100	209	1.5	0.0	347
			R3	W3	LKD	150	283	1.5	1.6	347
				W4						347
				W5						257
				W6						257
	Flat2	First	R4	W7	Bedroom	100	319	1.5	2.1	257
			R5	W8	Bedroom	100	344	1.5	2.1	257
			R6	W9	Kitchen	200	244	1.5	2.8	257
			R7	W10	Living Room	150	705	1.5	5.6	257
				W11						167
				W12						167
			R8	W13	Bedroom	100	304	1.5	5.5	167
	Flat3	First	R9	W14	LKD	150	438	1.5	6.3	167
				W15						167
			R10	W16	Bedroom	100	329	1.5	4.5	167
	Flat4	First	R11	W17	Bedroom	100	334	1.5	5.2	167
			R12	W18	Living Room	150	597	1.5	2.8	167
				W19						167
				W20						77
			R13	W21	Kitchen	200	147	1.5	1.9	77
			R14	W22	Bedroom	100	187	1.5	1.7	77
			R15	W23	Bedroom	100	128	1.5	1.1	77
	Flat5	First	R16	W24	LKD	150	205	1.5	0.5	77
				W25						77

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat1	Second		W26						347
				W27						347
			R17	W28	Bedroom	100	161	1.5	0.0	347
			R18	W29	Bedroom	100	227	1.5	0.0	347
			R1	W1	Bedroom	100	304	1.5	0.0	347
			R2	W2	Bedroom	100	266	1.5	0.0	347
			R3	W3	LKD	150	318	1.5	1.6	347
				W4						347
				W5						257
				W6						257
	Flat2	Second	R4	W7	Bedroom	100	348	1.5	2.1	257
			R5	W8	Bedroom	100	369	1.5	2.1	257
			R6	W9	Kitchen	200	264	1.5	2.8	257
			R7	W10	Living Room	150	731	1.5	5.6	257
				W11						167
				W12						167
			R8	W13	Bedroom	100	311	1.5	5.5	167
	Flat3	Second	R9	W14	LKD	150	451	1.5	6.3	167
				W15						167
			R10	W16	Bedroom	100	344	1.5	4.5	167
	Flat4	Second	R11	W17	Bedroom	100	347	1.5	5.2	167
			R12	W18	Living Room	150	620	1.5	2.8	167
				W19						167
				W20						77
			R13	W21	Kitchen	200	161	1.5	1.9	77
			R14	W22	Bedroom	100	209	1.5	1.7	77
			R15	W23	Bedroom	100	140	1.5	1.1	77
	Flat5	Second	R16	W24	LKD	150	234	1.5	0.5	77
				W25						77
				W26						347
				W27						347
			R17	W28	Bedroom	100	217	1.5	0.0	347
	Flat1	Third	R18	W29	Bedroom	100	282	1.5	0.0	347
			R1	W1	Bedroom	100	370	1.5	0.0	347
			R2	W2	Bedroom	100	319	1.5	0.0	347
			R3	W3	LKD	150	363	1.5	1.6	347
				W4						347
				W5						257
				W6						257
	Flat2	Third	R4	W7	Bedroom	100	213	1.5	2.1	257
			R5	W8	Bedroom	100	359	1.5	2.1	257
			R6	W9	Kitchen	200	242	1.5	2.8	257
			R7	W10	Living Room	150	737	1.5	5.6	257

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)				
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation		
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)		
	Flat3	Third	R8	W11	Bedroom	100	322	1.5	5.5	167		
				W12						167		
			R9	W13	LKD	150	457	1.5	6.3	167		
				W14						167		
			Flat4	Third	R10	W15	Bedroom	100	351	1.5	4.5	167
						W16						167
	R11	W17			Bedroom	100	352	1.5	5.2	167		
		W18								167		
	Flat5	Third			R12	W19	Living Room	150	641	1.5	2.8	167
						W20						77
			R13	W21	Kitchen	200	173	1.5	1.9	77		
				W22						77		
			Flat1	Third	R14	W23	Bedroom	100	228	1.5	1.7	77
						W24						77
	R15	W25			LKD	150	281	1.5	0.5	77		
		W26								77		
	Flat2	Third			R16	W27	Bedroom	100	275	1.5	0.0	347
						W28						347
			R17	W29	Bedroom	100	348	1.5	0.0	347		
				W30						347		
			Flat3	Fourth	R1	W1	Bedroom	100	431	1.5	0.0	347
						W2						347
	R2	W3			Bedroom	100	384	1.5	0.0	347		
		W4								347		
	Flat4	Fourth			R3	W5	LKD	150	419	1.5	1.6	257
						W6						257
			R4	W7	Bedroom	100	233	1.5	2.1	257		
				W8						257		
			Flat5	Fourth	R5	W9	Bedroom	100	389	1.5	2.1	257
						W10						257
	R6	W11			Kitchen	200	259	1.5	2.8	257		
		W12								257		
	Flat1	Fourth			R7	W13	Living Room	150	762	1.5	5.6	167
						W14						167
			R8	W15	Bedroom	100	326	1.5	5.5	167		
				W16						167		
			Flat2	Fourth	R9	W17	LKD	150	462	1.5	6.3	167
						W18						167
	R10	W19			Bedroom	100	351	1.5	4.5	167		
		W20								167		
	Flat3	Fourth			R11	W21	Bedroom	100	354	1.5	5.2	167
						W22						167
			R12	W23	Living Room	150	667	1.5	2.8	167		
				W24						167		
			Flat4	Fourth	R13	W25	Kitchen	200	185	1.5	1.9	77
W26						77						
R14	W27	Bedroom			100	261	1.5	1.7	77			
	W28								77			
Flat5	Fourth	R15			W29	Bedroom	100	178	1.5	1.1	77	
					W30						77	
		R16	W31	LKD	150	345	1.5	0.7	77			
			W32						77			

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat1	Fifth		W25						77
				W26						347
				W27						347
			R17	W28	Bedroom	100	345	1.5	0.0	347
			R18	W29	Bedroom	100	414	1.5	0.0	347
			R1	W1	Bedroom	100	485	1.5	0.0	347
			R2	W2	Bedroom	100	442	1.5	0.0	347
			R3	W3	LKD	150	477	1.5	1.9	347
				W4						347
				W5						257
				W6						257
			R4	W7	Bedroom	100	254	1.5	2.1	257
	Flat2	Fifth	R5	W8	Bedroom	100	448	1.5	2.5	257
			R6	W9	Kitchen	200	274	1.5	2.8	257
			R7	W10	Living Room	150	805	1.5	5.6	257
				W11						167
				W12						167
			R8	W13	Bedroom	100	329	1.5	5.5	167
	Flat3	Fifth	R9	W14	LKD	150	466	1.5	6.3	167
				W15						167
			R10	W16	Bedroom	100	353	1.5	4.5	167
	Flat4	Fifth	R11	W17	Bedroom	100	356	1.5	5.2	167
			R12	W18	Living Room	150	704	1.5	2.8	167
				W19						167
				W20						77
			R13	W21	Kitchen	200	239	1.5	1.9	77
	Flat5	Fifth	R14	W22	Bedroom	100	348	1.5	1.7	77
			R15	W23	Bedroom	100	230	1.5	1.2	77
			R16	W24	LKD	150	432	1.5	1.0	77
				W25						77
				W26						347
				W27						347
			R17	W28	Bedroom	100	407	1.5	0.0	347
			R18	W29	Bedroom	100	476	1.5	0.0	347
	Flat1	Sixth	R1	W1	Bedroom	100	536	1.5	0.0	347
			R2	W2	Bedroom	100	494	1.5	0.0	347
			R3	W3	LKD	150	546	1.5	2.5	347
				W4						347
				W5						257
				W6						257
	Flat2	Sixth	R4	W7	Bedroom	100	304	1.5	2.5	257
			R5	W8	Bedroom	100	516	1.5	2.6	257
			R6	W9	Kitchen	200	302	1.5	3.0	257

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat3	Sixth	R7	W10	Living Room	150	865	1.5	5.6	257
				W11						167
				W12						167
		Sixth	R8	W13	Bedroom	100	330	1.5	5.5	167
			R9	W14	LKD	150	468	1.5	6.3	167
				W15						167
	Flat4	Sixth	R10	W16	Bedroom	100	359	1.5	4.5	167
			R11	W17	Bedroom	100	359	1.5	5.2	167
				W18						167
		Sixth	R12	W19	Living Room	150	780	1.5	2.8	167
				W20						167
				W21						77
	Flat5	Sixth	R13	W21	Kitchen	200	273	1.5	2.2	77
			R14	W22	Bedroom	100	447	1.5	1.7	77
			R15	W23	Bedroom	100	299	1.5	1.7	77
		Sixth	R16	W24	LKD	150	518	1.5	1.8	77
				W25						77
				W26						347
	Flat1	Seventh	R17	W27	Bedroom	100	482	1.5	0.0	347
				W28						347
				W29						347
		Seventh	R1	W1	Bedroom	100	426	1.5	0.0	347
				W2						347
				W3						347
	Flat2	Seventh	R2	W4	LKD	150	557	1.5	3.0	347
				W5						347
				W6						257
		Seventh	R4	W7	Bedroom	100	304	1.5	3.0	257
				W8						257
				W9						257
	Flat3	Seventh	R7	W10	Living Room	150	884	1.5	5.4	257
				W11						167
				W12						167
		Seventh	R8	W13	Bedroom	100	334	1.5	5.5	167
			R9	W14	LKD	150	478	1.5	6.3	167
				W15						167
	Flat4	Seventh	R10	W16	Bedroom	100	363	1.5	4.5	167
			R11	W17	Bedroom	100	363	1.5	5.2	167
				W18						167
		Seventh	R12	W19	Living Room	150	855	1.5	2.8	167
				W20						167
				W21						77
			R13	W21	Kitchen	200	326	1.5	2.2	77
			R14	W22	Bedroom	100	537	1.5	2.2	77
			R15	W23	Bedroom	100	362	1.5	2.2	77

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat5	Seventh	R16	W24	LKD	150	601	1.5	2.2	77
				W25						77
				W26						347
				W27						347
	Flat1	Eighth	R17	W28	Bedroom	100	398	1.5	0.0	347
			R18	W29	Bedroom	100	431	1.5	0.0	347
			R1	W1	Bedroom	100	443	1.5	0.0	347
				W2	Bedroom	100	415	1.5	0.0	347
				W3	LKD	150	674	1.5	3.5	347
				W4						347
				W5						257
				W6						257
	Flat2	Eighth	R4	W7	Bedroom	100	345	1.5	3.5	257
			R5	W8	Bedroom	100	543	1.5	3.5	257
			R6	W9	Kitchen	200	301	1.5	3.5	257
			R7	W10	Living Room	150	1107	1.5	9.1	257
				W11						167
	Flat3	Eighth	R8	W12						167
				W13						167
			R9	W14	LKD	150	539	1.5	7.1	167
				W15						167
	Flat4	Eighth	R10	W16	Bedroom	100	347	1.5	6.2	167
			R11	W17	Bedroom	100	330	1.5	6.2	167
				W18	Living Room	150	1065	1.5	7.2	167
				W19						167
				W20						77
			R13	W21	Kitchen	200	358	1.5	2.2	77
				W22	Bedroom					77
				W23	Bedroom					77
	Flat5	Eighth	R16	W24	LKD	150	702	1.5	2.2	77
				W25						77
				W26						347
				W27						347
			R17	W28	Bedroom	100	415	1.5	0.0	347
Block J2	Flat1	Ground	R18	W29	Bedroom	100	451	1.5	0.0	347
			R1	W1	Bedroom	100	217	1.5	0.0	2
				W2	Bedroom	100	147	1.5	0.0	2
			R3	W3	LKD	150	235	1.5	0.7	2
				W4						2
	Flat2	Ground	R4	W5						272
				W6						272
			R5	W7	Bedroom	100	369	1.5	4.8	182
				W8	Living Room	150	859	1.5	3.9	182
				W9						182
				W10						92

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat3	Ground	R6	W11	Kitchen	200	363	1.5	3.1	92
			R7	W12	Bedroom	100	605	1.5	3.1	92
			R8	W13	Bedroom	100	588	1.5	3.1	92
			R9	W14	LKD	150	515	1.5	3.1	92
				W15						92
				W16						2
				W17						2
			R10	W18	Bedroom	100	108	1.5	0.0	2
			R11	W19	Bedroom	100	159	1.5	0.0	2
	Flat1	First	R1	W1	Bedroom	100	273	1.5	0.0	2
			R2	W2	Bedroom	100	232	1.5	0.0	2
			R3	W3	LKD	150	252	1.5	0.5	2
				W4						2
				W5						272
				W6						272
	Flat2	First	R4	W7	Bedroom	100	133	1.5	0.7	272
			R5	W8	Bedroom	100	193	1.5	1.2	272
			R6	W9	Kitchen	200	151	1.5	2.1	272
			R7	W10	Living Room	150	594	1.5	3.0	272
	W11			182						
	W12			182						
	Flat3	First	R8	W13	Bedroom	100	339	1.5	4.7	182
			R9	W14	Bedroom	100	343	1.5	4.3	182
			R10	W15	LKD	150	439	1.5	5.5	182
				W16						182
	Flat4	First	R11	W17	Bedroom	100	306	1.5	4.8	182
			R12	W18	Living Room	150	911	1.5	3.7	182
				W19						182
				W20						92
	Flat5	First	R13	W21	Kitchen	200	375	1.5	3.1	92
			R14	W22	Bedroom	100	646	1.5	3.1	92
			R15	W23	Bedroom	100	628	1.5	3.1	92
			R16	W24	LKD	150	500	1.5	3.1	92
				W25						92
				W26						2
				W27						2
			R17	W28	Bedroom	100	206	1.5	0.0	2
	R18	W29	Bedroom	100	248	1.5	0.0	2		
	Flat1	Second	R1	W1	Bedroom	100	314	1.5	0.0	2
			R2	W2	Bedroom	100	271	1.5	0.0	2
			R3	W3	LKD	150	282	1.5	0.5	2
				W4						2
				W5						272

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W6						272
	Flat2	Second	R4	W7	Bedroom	100	149	1.5	0.7	272
			R5	W8	Bedroom	100	215	1.5	1.2	272
			R6	W9	Kitchen	200	163	1.5	2.1	272
			R7	W10 W11 W12	Living Room	150	614	1.5	3.0	272 182 182
			R8	W13	Bedroom	100	347	1.5	4.7	182
	Flat3	Second	R9	W14	Bedroom	100	352	1.5	4.3	182
			R10	W15 W16	LKD	150	453	1.5	5.5	182 182
	Flat4	Second	R11	W17	Bedroom	100	317	1.5	4.8	182
			R12	W18 W19 W20	Living Room	150	952	1.5	3.7	182 182 92
			R13	W21	Kitchen	200	398	1.5	3.1	92
			R14	W22	Bedroom	100	686	1.5	3.1	92
			R15	W23	Bedroom	100	676	1.5	3.1	92
	Flat5	Second	R16	W24 W25 W26 W27	LKD	150	533	1.5	3.1	92 92 2 2
			R17	W28	Bedroom	100	233	1.5	0.0	2
			R18	W29	Bedroom	100	287	1.5	0.0	2
	Flat1	Third	R1	W1	Bedroom	100	360	1.5	0.0	2
			R2	W2	Bedroom	100	312	1.5	0.0	2
			R3	W3 W4 W5 W6	LKD	150	314	1.5	0.5	2 2 272 272
	Flat2	Third	R4	W7	Bedroom	100	163	1.5	0.7	272
			R5	W8	Bedroom	100	237	1.5	1.2	272
			R6	W9	Kitchen	200	173	1.5	2.1	272
			R7	W10 W11 W12	Living Room	150	631	1.5	3.0	272 182 182
			R8	W13	Bedroom	100	351	1.5	4.7	182
	Flat3	Third	R9	W14	Bedroom	100	356	1.5	4.3	182
			R10	W15 W16	LKD	150	457	1.5	5.5	182 182
	Flat4	Third	R11	W17	Bedroom	100	321	1.5	4.8	182
			R12	W18 W19	Living Room	150	973	1.5	3.7	182 182

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W20						92
			R13	W21	Kitchen	200	406	1.5	3.1	92
			R14	W22	Bedroom	100	706	1.5	3.1	92
			R15	W23	Bedroom	100	694	1.5	3.1	92
	Flat5	Third	R16	W24 W25 W26 W27	LKD	150	554	1.5	3.1	92 92 2 2
			R17	W28	Bedroom	100	267	1.5	0.0	2
			R18	W29	Bedroom	100	330	1.5	0.0	2
	Flat1	Fourth	R1	W1	Bedroom	100	411	1.5	0.0	2
			R2	W2	Bedroom	100	363	1.5	0.0	2
			R3	W3 W4 W5 W6	LKD	150	356	1.5	0.7	2 2 272 272
	Flat2	Fourth	R4	W7	Bedroom	100	185	1.5	0.7	272
			R5	W8	Bedroom	100	260	1.5	1.2	272
			R6	W9	Kitchen	200	185	1.5	2.1	272
			R7	W10 W11 W12	Living Room	150	649	1.5	3.0	272 182 182
			R8	W13	Bedroom	100	354	1.5	4.7	182
	Flat3	Fourth	R9	W14	Bedroom	100	360	1.5	4.3	182
			R10	W15 W16	LKD	150	461	1.5	5.5	182 182
	Flat4	Fourth	R11	W17	Bedroom	100	325	1.5	4.8	182
			R12	W18 W19 W20	Living Room	150	961	1.5	3.7	182 182 92
			R13	W21	Kitchen	200	361	1.5	3.1	92
			R14	W22	Bedroom	100	652	1.5	3.1	92
			R15	W23	Bedroom	100	425	1.5	3.1	92
	Flat5	Fourth	R16	W24 W25 W26 W27	LKD	150	585	1.5	3.1	92 92 2 2
			R17	W28	Bedroom	100	332	1.5	0.0	2
			R18	W29	Bedroom	100	394	1.5	0.0	2
	Flat1	Fifth	R1	W1	Bedroom	100	477	1.5	0.0	2
			R2	W2	Bedroom	100	418	1.5	0.0	2
			R3	W3 W4	LKD	150	411	1.5	0.7	2 2

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)			
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation	
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)	
	Flat2	Fifth	R4	W5	Bedroom	100	204	1.5	1.1	272	
				W6						272	
			R5	W8	Bedroom	100	286	1.5	1.2	272	
				R6	W9	Kitchen	200	199	1.5	2.1	272
			R7	W10	Living Room	150	672	1.5	3.0	272	
				W11						182	
				W12						182	
			R8	W13	Bedroom	100	356	1.5	4.7	182	
	Flat3	Fifth		R9	W14	Bedroom	100	360	1.5	4.3	182
				R10	W15	LKD	150	466	1.5	5.5	182
			W16		182						
	Flat4	Fifth	R11	W17	Bedroom	100	327	1.5	4.8	182	
			R12	W18	Living Room	150	964	1.5	3.7	182	
				W19						182	
				W20						92	
			R13	W21	Kitchen	200	364	1.5	3.1	92	
			R14	W22	Bedroom	100	657	1.5	3.1	92	
			R15	W23	Bedroom	100	428	1.5	3.1	92	
			Flat5	Fifth	R16	W24	LKD	150	621	1.5	3.1
	W25	92									
	W26	2									
	W27	2									
	R17	W28			Bedroom	100	408	1.5	0.0	2	
		R18			W29	Bedroom	100	467	1.5	0.0	2
	Flat1	Sixth	R1	W1	Bedroom	100	395	1.5	0.0	2	
			R2	W2	Bedroom	100	353	1.5	0.0	2	
			R3	W3	LKD	150	440	1.5	1.1	2	
				W4						2	
				W5						272	
			W6	272							
	Flat2	Sixth	R4	W7	Bedroom	100	213	1.5	0.9	272	
				W8						272	
			R5	W9	Kitchen	200	205	1.5	1.9	272	
			R7	W10	Living Room	150	689	1.5	2.9	272	
W11				182							
W12				182							
R8			W13	Bedroom	100	358	1.5	4.7	182		
			Flat3	Sixth	R9	W14	Bedroom	100	363	1.5	4.3
	R10	W15			LKD	150	475	1.5	5.5	182	
W16		182									
Flat4	Sixth	R11	W17	Bedroom	100	331	1.5	4.8	182		
		R12	W18	Living Room	150	911	1.5	3.4	182		

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Block J3	Flat1	Sixth	R13	W19	Kitchen	200	309	1.5	2.8	182
				W20						92
			R14	W21	Bedroom	100	569	1.5	2.8	92
			R15	W22	Bedroom	100	368	1.5	2.8	92
			R16	W23	LKD	150	586	1.5	2.8	92
			R17	W24	Bedroom	100	364	1.5	0.0	92
				W25						92
				W26						2
				W27						2
			R18	W28	Bedroom	100	401	1.5	0.0	2
		Seventh	R1	W29	Bedroom	100	434	1.5	0.0	2
			R2	W1	Bedroom	100	395	1.5	0.0	2
			R3	W2	LKD	150	569	1.5	1.9	2
			R4	W3	Living Room	100	274	1.5	1.7	2
				W4						272
				W5						272
				W6						272
			R5	W7	Bedroom	100	412	1.5	1.7	272
			R6	W8	Bedroom	200	241	1.5	2.0	272
			R7	W9	Kitchen	150	933	1.5	8.0	272
		Seventh	R8	W10	Bedroom	100	334	1.5	6.1	182
				W11						182
				W12						182
				W13						182
			R9	W14	Bedroom	100	348	1.5	6.1	182
			R10	W15	LKD	150	524	1.5	6.9	182
				W16						182
			R11	W17	Bedroom	100	322	1.5	6.1	182
			R12	W18	Living Room	150	1072	1.5	8.2	182
				W19						182
				W20						92
		Seventh	R13	W21	Kitchen	200	310	1.5	2.8	92
			R14	W22	Bedroom	100	572	1.5	2.8	92
			R15	W23	Bedroom	100	370	1.5	2.8	92
			R16	W24	LKD	150	677	1.5	2.8	92
				W25						92
				W26						2
				W27						2
			R17	W28	Bedroom	100	416	1.5	0.0	2
			R18	W29	Bedroom	100	438	1.5	0.0	2
		Ground	R1	W1	Bedroom	100	63	1.5	0.6	267
			R2	W2	Bedroom	100	71	1.5	0.4	267
			R3	W3	LKD	150	170	1.5	3.1	267

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat2	Ground	R4	W4	Bedroom	100	147	1.5	2.5	177
				W5						267
				W6						177
			R5	W7	Bedroom	100	313	1.5	3.0	177
				W8						177
				W9						177
			R6	W10	Living Room	150	553	1.5	2.9	177
				W11						87
	Flat3	Ground	R9	W12	Kitchen	200	369	1.5	2.9	87
				W13						357
				W14						267
			R10	W15	Bedroom	100	71	1.5	0.2	357
				W16						267
				W17						267
			R11	W18	Bedroom	100	58	1.5	0.2	267
				W19						267
	Flat1	First	R1	W2	Bedroom	100	104	1.5	1.9	267
				W3						267
				W4						267
			R2	W5	Bedroom	100	149	1.5	1.6	267
				W6						267
				W7						267
			R3	W8	LKD	150	180	1.5	3.8	267
				W9						177
	Flat2	First	R4	W10	Bedroom	100	164	1.5	2.5	177
				W11						177
				W12						177
			R5	W13	Bedroom	100	333	1.5	3.0	177
				W14						177
				W15						177
			R6	W16	Living Room	150	608	1.5	2.9	177
				W17						87
	Flat3	First	R7	W18	Bedroom	100	415	1.5	2.9	87
				W19						87
				W20						87
			R8	W21	LKD	150	360	1.5	2.9	87
				W22						87
				W23						87
			R9	W24	Bedroom	100	376	1.5	1.9	87
				W25						87
	Flat4	First	R10	W26	Bedroom	100	380	1.5	2.9	87
				W27						87
				W28						87
			R11	W29	Living Room	150	519	1.5	1.9	87
				W30						87
				W31						357
			R12	W32	Kitchen	200	153	1.5	0.0	357
				W33						357
	Flat5	First	R13	W34	Bedroom	100	279	1.5	0.0	357
				W35						357
				W36						357
			R14	W37	Bedroom	100	178	1.5	0.0	357
				W38						357
				W39						357

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat1	Second	R1	W1	Bedroom	100	122	1.5	1.9	267
			R2	W2	Bedroom	100	176	1.5	2.6	267
			R3	W3	LKD	150	197	1.5	4.4	267
				W4						177
				W5						267
				W6						177
	Flat2	Second	R4	W7	Bedroom	100	178	1.5	2.5	177
			R5	W8	Bedroom	100	348	1.5	3.0	177
			R6	W9	Kitchen	200	215	1.5	2.3	177
			R7	W10 W11	Living Room	150	652	1.5	2.9	177 87
			R8	W12	Bedroom	100	448	1.5	2.9	87
	Flat3	Second	R9	W13 W14	LKD	150	394	1.5	2.9	87 87
			R10	W15	Bedroom	100	411	1.5	1.9	87
	Flat4	Second	R11	W16	Bedroom	100	410	1.5	2.9	87
			R12	W17 W18 W19	Living Room	150	595	1.5	1.9	87 87 357
			R13	W20	Kitchen	200	194	1.5	0.0	357
			R14	W21	Bedroom	100	326	1.5	0.0	357
			R15	W22	Bedroom	100	212	1.5	0.0	357
	Flat5	Second	R16	W23 W24 W25 W26	LKD	150	240	1.5	0.5	357 267 357 267
			R17	W27	Bedroom	100	131	1.5	1.0	267
			R18	W28	Bedroom	100	141	1.5	1.3	267
	Flat1	Third	R1	W1	Bedroom	100	158	1.5	1.9	267
			R2	W2	Bedroom	100	248	1.5	2.6	267
			R3	W3	LKD	150	221	1.5	5.8	267
				W4						177
				W5						267
				W6						177
	Flat2	Third	R4	W7	Bedroom	100	187	1.5	3.7	177
			R5	W8	Bedroom	100	371	1.5	3.8	177
			R6	W9	Kitchen	200	230	1.5	3.0	177
			R7	W10 W11	Living Room	150	669	1.5	3.2	177 87
			R8	W12	Bedroom	100	463	1.5	2.9	87
	Flat3	Third	R9	W13 W14	LKD	150	408	1.5	2.9	87 87
			R10	W15	Bedroom	100	428	1.5	1.9	87

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Flat4	Third	R11	W16	Bedroom	100	424	1.5	2.9	87	
		R12	W17	Living Room	150	636	1.5	1.9	87	
			W18						87	
			W19						357	
		R13	W20	Kitchen	200	215	1.5	0.0	357	
		R14	W21	Bedroom	100	360	1.5	0.0	357	
	R15	W22	Bedroom	100	239	1.5	0.0	357		
	Flat5	Third	R16	W23	LKD	150	285	1.5	1.0	357
				W24						267
				W25						357
	W26	267								
	R17	W27	Bedroom	100	189	1.5	1.2	267		
		R18	W28	Bedroom	100	202	1.5	1.4	267	
	Flat1	Fourth	R1	W1	Bedroom	100	226	1.5	2.0	267
			R2	W2	Bedroom	100	326	1.5	2.6	267
			R3	W3	LKD	150	260	1.5	8.3	267
				W4						177
	Flat2	Fourth	R4	W5	LKD	150	260	1.5	8.3	267
W6				177						
R5			W7	Bedroom	100	203	1.5	6.1	177	
R6			W8	Bedroom	100	402	1.5	6.1	177	
R7			W9	Kitchen	200	246	1.5	4.9	177	
R8			W10	Living Room	150	684	1.5	3.2	177	
		W11	87							
Flat3		Fourth	R9	W12	Bedroom	100	469	1.5	2.9	87
				W13						87
			R10	W14	LKD	150	411	1.5	2.9	87
Flat4		Fourth	R11	W15	Bedroom	100	435	1.5	1.9	87
			R12	W16	Bedroom	100	439	1.5	2.9	87
			R13	W17	Living Room	150	666	1.5	1.9	87
				W18						87
				W19						357
R14		W20	Kitchen	200	231	1.5	0.0	357		
Flat5		Fourth	R15	W21	Bedroom	100	389	1.5	0.0	357
			R16	W22	Bedroom	100	258	1.5	0.0	357
	W23			357						
Flat1	Fifth	R1	W24	Bedroom	100	280	1.5	1.8	267	
			W25						267	
			W26						267	
Flat1	Fifth	R1	W27	Bedroom	100	283	1.5	1.8	267	
			W28						267	
			W29						267	

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat2	Fifth	R2	W2	Bedroom	100	413	1.5	2.6	267
			R3	W3	LKD	150	347	1.5	8.3	267
				W4						177
				W5						267
				W6						177
			R4	W7	Bedroom	100	255	1.5	6.1	177
			R5	W8	Bedroom	100	454	1.5	6.1	177
			R6	W9	Kitchen	200	276	1.5	4.9	177
			R7	W10	Living Room	150	706	1.5	3.2	177
				W11						87
	Flat3	Fifth	R8	W12	Bedroom	100	476	1.5	2.9	87
			R9	W13	LKD	150	416	1.5	2.9	87
				W14						87
			R10	W15	Bedroom	100	440	1.5	1.9	87
	Flat4	Fifth	R11	W16	Bedroom	100	445	1.5	2.9	87
			R12	W17	Living Room	150	686	1.5	1.9	87
				W18						87
				W19						357
	Flat5	Fifth	R13	W20	Kitchen	200	242	1.5	0.0	357
			R14	W21	Bedroom	100	416	1.5	0.0	357
			R15	W22	Bedroom	100	279	1.5	0.0	357
			R16	W23	LKD	150	402	1.5	2.5	357
				W24						267
				W25						357
				W26						267
			R17	W27	Bedroom	100	369	1.5	2.5	267
	Flat1	Sixth	R18	W28	Bedroom	100	353	1.5	2.5	267
			R1	W1	Bedroom	100	378	1.5	3.2	267
			R2	W2	Bedroom	100	510	1.5	3.2	267
			R3	W3	LKD	150	526	1.5	8.3	267
				W4						177
				W5						267
				W6						177
			R4	W7	Bedroom	100	312	1.5	6.1	177
			R5	W8	Bedroom	100	513	1.5	6.1	177
			R6	W9	Kitchen	200	317	1.5	6.1	177
	Flat3	Sixth	R7	W10	Living Room	150	940	1.5	7.7	177
				W11						87
			R8	W12	Bedroom	100	482	1.5	2.9	87
			R9	W13	LKD	150	486	1.5	2.9	87
				W14						87
			R10	W15	Bedroom	100	461	1.5	2.9	87
			R11	W16	Bedroom	100	457	1.5	2.9	87
	Flat4	Sixth								

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
G1	Flat5	Sixth	R12	W17 W18 W19	Living Room	150	868	1.5	2.9	87 87 357
			R13	W20	Kitchen	200	255	1.5	0.0	357
			R14	W21	Bedroom	100	440	1.5	0.0	357
			R15	W22	Bedroom	100	295	1.5	0.0	357
			R16	W23 W24 W25 W26	LKD	150	505	1.5	2.9	357 267 357 267
			R17	W27	Bedroom	100	453	1.5	3.2	267
			R18	W28	Bedroom	100	428	1.5	3.2	267
	Flat1	First	R1	W1	Bedroom	100	341	1.5	0.0	345
			R2	W2	Bedroom	100	295	1.5	0.0	345
			R3	W3 W4 W5 W6	LKD	150	272	1.5	0.5	345 345 75 75
			R4	W7	Bedroom	100	171	1.5	0.6	75
			R5	W8	Bedroom	100	211	1.5	1.1	75
			R6	W9 W10 W11 W12	LKD	150	429	1.5	6.8	75 165 165 165
	Flat3	First	R7	W13	Bedroom	100	347	1.5	5.3	165
			R8	W14 W15	LKD	150	506	1.5	7.1	165 165
	Flat4	First	R9	W16 W17 W18 W19	LKD	150	799	1.5	8.9	165 165 255 255
			R10	W20	Bedroom	100	403	1.5	3.6	255
			R11	W21	Bedroom	100	362	1.5	3.6	255
	Flat5	First	R12	W22 W23 W24 W25	LKD	150	473	1.5	3.6	255 255 345 345
			R13	W26	Bedroom	100	304	1.5	0.0	345
			R14	W27	Bedroom	100	336	1.5	0.0	345
	Flat1	Second	R1	W1	Bedroom	100	400	1.5	0.0	345
			R2	W2	Bedroom	100	349	1.5	0.0	345
			R3	W3 W4 W5 W6	LKD	150	309	1.5	0.5	345 345 75 75

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat2	Second	R4	W7	Bedroom	100	184	1.5	0.6	75
			R5	W8	Bedroom	100	223	1.5	1.1	75
			R6	W9 W10 W11 W12	LKD	150	450	1.5	6.8	75 165 165 165
	Flat3	Second	R7	W13	Bedroom	100	356	1.5	5.3	165
			R8	W14 W15	LKD	150	518	1.5	7.1	165 165
	Flat4	Second	R9	W16 W17 W18 W19	LKD	150	830	1.5	8.9	165 165 255 255
			R10	W20	Bedroom	100	429	1.5	3.6	255
			R11	W21	Bedroom	100	392	1.5	3.6	255
	Flat5	Second	R12	W22 W23 W24 W25	LKD	150	535	1.5	3.6	255 255 345 345
			R13	W26	Bedroom	100	382	1.5	0.0	345
			R14	W27	Bedroom	100	409	1.5	0.0	345
	Flat1	Third	R1	W1	Bedroom	100	443	1.5	0.0	345
			R2	W2	Bedroom	100	406	1.5	0.0	345
			R3	W3 W4 W5 W6	LKD	150	350	1.5	0.5	345 345 75 75
	Flat2	Third	R4	W7	Bedroom	100	192	1.5	0.6	75
			R5	W8	Bedroom	100	235	1.5	1.1	75
			R6	W9 W10 W11 W12	LKD	150	459	1.5	6.8	75 165 165 165
	Flat3	Third	R7	W13	Bedroom	100	360	1.5	5.3	165
			R8	W14 W15	LKD	150	528	1.5	7.1	165 165
	Flat4	Third	R9	W16 W17 W18 W19	LKD	150	850	1.5	8.9	165 165 255 255
			R10	W20	Bedroom	100	444	1.5	3.6	255
			R11	W21	Bedroom	100	409	1.5	3.6	255
	Flat5	Third	R12	W22 W23 W24 W25	LKD	150	566	1.5	3.6	255 255 345 345
			R13	W26	Bedroom	100	428	1.5	0.0	345

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat1	Fourth	R14	W27	Bedroom	100	467	1.5	0.0	345
			R1	W1	Bedroom	100	501	1.5	0.0	345
			R2	W2	Bedroom	100	464	1.5	0.0	345
	Flat2	Fourth	R3	W3	LKD	150	402	1.5	0.5	345
				W4						345
				W5						75
				W6						75
			R4	W7	Bedroom	100	211	1.5	0.6	75
				W8	Bedroom					100
	Flat3	Fourth	R6	W9	LKD	150	470	1.5	6.8	75
				W10						165
				W11						165
				W12						165
			R7	W13	Bedroom	100	364	1.5	5.3	165
				W14	LKD					150
	W15		165							
	Flat4	Fourth	R9	W16	LKD	150	865	1.5	8.9	165
				W17						165
				W18						255
				W19						255
	Flat5	Fourth	R10	W20	Bedroom	100	453	1.5	3.6	255
			R11	W21	Bedroom	100	416	1.5	3.6	255
			R12	W22	LKD	150	594	1.5	3.6	255
				W23						255
W24					345					
W25					345					
Flat1	Fifth	R13	W26	Bedroom	100	479	1.5	0.0	345	
		R14	W27	Bedroom	100	516	1.5	0.0	345	
		R1	W1	Bedroom	100	566	1.5	0.0	345	
		R2	W2	Bedroom	100	519	1.5	0.0	345	
		R3	W3	LKD	150	520	1.5	0.5	345	
			W4						345	
W5			75							
W6			75							
Flat2	Fifth	R4	W7	Bedroom	100	237	1.5	1.0	75	
		R5	W8	Bedroom	100	282	1.5	1.1	75	
		R6	W9	LKD	150	523	1.5	6.8	75	
			W10						165	
			W11						165	
			W12						165	
Flat3	Fifth	R7	W13	Bedroom	100	378	1.5	6.2	165	
		R8	W14	LKD	150	599	1.5	7.1	165	
W15			165							
Flat4	Fifth	R9	W16	LKD	150	938	1.5	9.3	165	
			W17						165	
			W18						255	

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
G2	Flat5	Fifth		W19						255
			R10	W20	Bedroom	100	456	1.5	3.6	255
			R11	W21	Bedroom	100	420	1.5	3.6	255
			R12	W22	LKD	150	671	1.5	3.6	255
				W23						255
				W24						345
				W25						345
			R13	W26	Bedroom	100	523	1.5	0.0	345
			R14	W27	Bedroom	100	563	1.5	0.0	345
	Flat1	Ground	R1	W1	Bedroom	100	107	1.5	0.0	353
			R2	W2	Bedroom	100	123	1.5	0.0	353
			R3	W3	LKD	150	270	1.5	1.5	353
				W4						353
				W5						82
				W6						82
	Flat2	Ground	R4	W7	Bedroom	100	211	1.5	2.0	82
			R5	W8	Bedroom	100	337	1.5	2.6	82
			R6	W9	Bedroom	100	290	1.5	2.6	82
			R7	W10	LKD	150	849	1.5	3.0	82
				W11						82
				W12						172
			R8	W13	Living Room	150	307	1.5	5.5	172
	Flat1	First	R1	W1	Bedroom	100	166	1.5	0.0	353
			R2	W2	Bedroom	100	206	1.5	0.0	353
			R3	W3	LKD	150	282	1.5	1.5	353
				W4						353
				W5						82
				W6						82
	Flat2	First	R4	W7	Bedroom	100	225	1.5	2.1	82
			R5	W8	Bedroom	100	351	1.5	2.6	82
			R6	W9	Bedroom	100	298	1.5	2.6	82
			R7	W10	LKD	150	614	1.5	2.6	82
				W11						172
			R8	W12	Living Room	150	247	1.5	4.1	172
	Flat3	First	R9	W13	LKD	150	395	1.5	5.0	172
				W14						172
			R10	W15	Bedroom	100	331	1.5	3.9	172
	Flat4	First	R11	W16	Living Room	150	240	1.5	4.5	172
			R12	W17	LKD	150	577	1.5	3.9	172
				W18						263
			R13	W19	Bedroom	100	221	1.5	2.9	263
			R14	W20	Bedroom	100	236	1.5	2.1	263

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat5	First	R15	W21	Bedroom	100	154	1.5	1.4	263
			R16	W22	LKD	150	224	1.5	0.8	263
				W23						263
				W24						353
				W25						353
	Flat1	Second	R17	W26	Bedroom	100	155	1.5	0.0	353
			R18	W27	Bedroom	100	156	1.5	0.0	353
			R1	W1	Bedroom	100	188	1.5	0.0	353
			R2	W2	Bedroom	100	238	1.5	0.0	353
			R3	W3	LKD	150	311	1.5	1.5	353
		Second		W4						353
				W5						82
				W6						82
			R4	W7	Bedroom	100	248	1.5	2.1	82
			R5	W8	Bedroom	100	382	1.5	2.6	82
	Flat2	Second	R6	W9	Bedroom	100	317	1.5	2.6	82
			R7	W10	LKD	150	645	1.5	2.6	82
				W11						172
			R8	W12	Living Room	150	255	1.5	4.1	172
			R9	W13	LKD	150	407	1.5	5.0	172
	Flat3	Second		W14						172
			R10	W15	Bedroom	100	339	1.5	3.9	172
			R11	W16	Living Room	150	248	1.5	4.5	172
			R12	W17	LKD	150	623	1.5	3.9	172
				W18						263
	Flat4	Second	R13	W19	Bedroom	100	295	1.5	3.0	263
			R14	W20	Bedroom	100	326	1.5	2.1	263
			R15	W21	Bedroom	100	217	1.5	1.3	263
			R16	W22	LKD	150	282	1.5	1.1	263
				W23						263
		Second		W24						353
				W25						353
			R17	W26	Bedroom	100	193	1.5	0.0	353
			R18	W27	Bedroom	100	183	1.5	0.0	353
			R1	W1	Bedroom	100	231	1.5	0.0	353
	Flat1	Third	R2	W2	Bedroom	100	277	1.5	0.0	353
			R3	W3	LKD	150	349	1.5	1.5	353
				W4						353
				W5						82
				W6						82
		Third	R4	W7	Bedroom	100	264	1.5	2.1	82
			R5	W8	Bedroom	100	419	1.5	2.6	82
			R6	W9	Bedroom	100	328	1.5	2.6	82

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat3	Third	R7	W10 W11	LKD	150	674	1.5	2.6	82 172
			R8	W12	Living Room	150	258	1.5	4.1	172
			R9	W13 W14	LKD	150	412	1.5	5.0	172 172
			R10	W15	Bedroom	100	346	1.5	3.9	172
	Flat4	Third	R11	W16	Living Room	150	251	1.5	4.5	172
			R12	W17 W18	LKD	150	684	1.5	3.9	172 263
			R13	W19	Bedroom	100	315	1.5	3.0	263
			R14	W20	Bedroom	100	414	1.5	2.1	263
			R15	W21	Bedroom	100	245	1.5	1.7	263
	Flat5	Third	R16	W22 W23 W24 W25	LKD	150	328	1.5	1.3	263 263 353 353
			R17	W26	Bedroom	100	245	1.5	0.0	353
			R18	W27	Bedroom	100	228	1.5	0.0	353
	Flat1	Fourth	R1	W1	Bedroom	100	275	1.5	0.0	353
			R2	W2	Bedroom	100	323	1.5	0.0	353
			R3	W3 W4 W5 W6	LKD	150	393	1.5	1.5	353 353 82 82
	Flat2	Fourth	R4	W7	Bedroom	100	297	1.5	2.1	82
			R5	W8	Bedroom	100	489	1.5	2.6	82
			R6	W9	Bedroom	100	353	1.5	2.6	82
			R7	W10 W11	LKD	150	700	1.5	2.6	82 172
	Flat3	Fourth	R8	W12	Living Room	150	262	1.5	4.1	172
			R9	W13 W14	LKD	150	418	1.5	5.0	172 172
			R10	W15	Bedroom	100	351	1.5	3.9	172
	Flat4	Fourth	R11	W16	Living Room	150	254	1.5	4.5	172
			R12	W17 W18	LKD	150	741	1.5	4.1	172 263
			R13	W19	Bedroom	100	364	1.5	3.0	263
			R14	W20	Bedroom	100	524	1.5	2.3	263
	Flat5	Fourth	R15	W21	Bedroom	100	327	1.5	1.9	263
			R16	W22 W23 W24	LKD	150	406	1.5	2.1	263 263 353

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W25						353
			R17	W26	Bedroom	100	305	1.5	0.0	353
			R18	W27	Bedroom	100	274	1.5	0.0	353
	Flat1	Fifth	R1	W1	Bedroom	100	322	1.5	0.0	353
			R2	W2	Bedroom	100	371	1.5	0.0	353
			R3	W3 W4 W5 W6	LKD	150	442	1.5	1.8	353 353 82 82
	Flat2	Fifth	R4	W7	Bedroom	100	346	1.5	2.1	82
			R5	W8	Bedroom	100	557	1.5	2.6	82
			R6	W9	Bedroom	100	390	1.5	2.6	82
			R7	W10 W11	LKD	150	729	1.5	2.6	82 172
			R8	W12	Living Room	150	264	1.5	4.1	172
	Flat3	Fifth	R9	W13 W14	LKD	150	421	1.5	5.0	172 172
			R10	W15	Bedroom	100	351	1.5	3.9	172
	Flat4	Fifth	R11	W16	Living Room	150	255	1.5	4.5	172
			R12	W17 W18	LKD	150	834	1.5	4.2	172 263
			R13	W19	Bedroom	100	425	1.5	3.3	263
			R14	W20	Bedroom	100	635	1.5	2.9	263
			R15	W21	Bedroom	100	404	1.5	3.0	263
	Flat5	Fifth	R16	W22 W23 W24 W25	LKD	150	514	1.5	3.0	263 263 353 353
			R17	W26	Bedroom	100	361	1.5	0.0	353
			R18	W27	Bedroom	100	325	1.5	0.0	353
	Flat1	Sixth	R1	W1	Bedroom	100	366	1.5	0.0	353
			R2	W2	Bedroom	100	406	1.5	0.0	353
			R3	W3 W4 W5 W6	LKD	150	497	1.5	1.9	353 353 82 82
	Flat2	Sixth	R4	W7	Bedroom	100	404	1.5	2.4	82
			R5	W8	Bedroom	100	617	1.5	2.6	82
			R6	W9	Bedroom	100	424	1.5	2.6	82
			R7	W10 W11	LKD	150	762	1.5	2.6	82 172
			R8	W12	Living Room	150	265	1.5	4.1	172

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat3	Sixth	R9	W13 W14	LKD	150	425	1.5	5.0	172 172
			R10	W15	Bedroom	100	352	1.5	3.9	172
	Flat4	Sixth	R11	W16	Living Room	150	257	1.5	4.5	172
			R12	W17 W18	LKD	150	915	1.5	4.2	172 263
			R13	W19	Bedroom	100	483	1.5	3.4	263
			R14	W20	Bedroom	100	729	1.5	3.4	263
			R15	W21	Bedroom	100	472	1.5	3.4	263
	Flat5	Sixth	R16	W22 W23 W24 W25	LKD	150	602	1.5	3.4	263 263 353 353
			R17	W26	Bedroom	100	407	1.5	0.0	353
			R18	W27	Bedroom	100	364	1.5	0.0	353
	Flat1	Seventh	R1	W1	Bedroom	100	387	1.5	0.0	353
			R2	W2	Bedroom	100	425	1.5	0.0	353
			R3	W3 W4 W5 W6	LKD	150	496	1.5	2.2	353 353 82 82
	Flat2	Seventh	R4	W7	Bedroom	100	381	1.5	2.3	82
			R5	W8	Bedroom	100	583	1.5	2.3	82
			R6	W9	Bedroom	100	384	1.5	2.3	82
			R7	W10 W11	LKD	150	745	1.5	2.4	82 172
			R8	W12	Living Room	150	269	1.5	4.1	172
	Flat3	Seventh	R9	W13 W14	LKD	150	432	1.5	5.0	172 172
			R10	W15	Bedroom	100	358	1.5	3.9	172
	Flat4	Seventh	R11	W16	Living Room	150	260	1.5	4.5	172
			R12	W17 W18	LKD	150	867	1.5	4.0	172 263
			R13	W19	Bedroom	100	374	1.5	3.2	263
			R14	W20	Bedroom	100	568	1.5	3.2	263
			R15	W21	Bedroom	100	361	1.5	3.2	263
	Flat5	Seventh	R16	W22 W23 W24 W25	LKD	150	580	1.5	3.2	263 263 353 353
			R17	W26	Bedroom	100	429	1.5	0.0	353
			R18	W27	Bedroom	100	384	1.5	0.0	353

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat1	Eighth	R1	W1	Bedroom	100	401	1.5	0.0	353
			R2	W2	Bedroom	100	441	1.5	0.0	353
			R3	W3 W4 W5 W6	LKD	150	588	1.5	2.3	353 353 82 82
	Flat2	Eighth	R4	W7	Bedroom	100	408	1.5	2.3	82
			R5	W8	Bedroom	100	627	1.5	2.3	82
			R6	W9	Bedroom	100	421	1.5	2.3	82
			R7	W10 W11	LKD	150	902	1.5	7.6	82 172
			R8	W12	Living Room	150	254	1.5	6.1	172
	Flat3	Eighth	R9	W13 W14	LKD	150	481	1.5	6.7	172 172
			R10	W15	Bedroom	100	346	1.5	6.1	172
	Flat4	Eighth	R11	W16	Living Room	150	250	1.5	6.1	172
			R12	W17 W18	LKD	150	990	1.5	8.7	172 263
			R13	W19	Bedroom	100	382	1.5	3.2	263
			R14	W20	Bedroom	100	579	1.5	3.2	263
			R15	W21	Bedroom	100	369	1.5	3.2	263
	Flat5	Eighth	R16	W22 W23 W24 W25	LKD	150	662	1.5	3.2	263 263 353 353
			R17	W26	Bedroom	100	442	1.5	0.0	353
			R18	W27	Bedroom	100	396	1.5	0.0	353
	Block F1	Flat1	R1	W1	Bedroom	100	259	1.5	2.4	173
			R2	W2 W3 W4 W5	LKD	150	253	1.5	3.4	173 263 172 263
			R3	W6	Bedroom	100	169	1.5	1.9	263
		Flat2	R4	W7	Bedroom	100	166	1.5	1.9	263
			R5	W8 W9 W10 W11	LKD	150	263	1.5	1.9	263 352 263 352
			R6	W12	Bedroom	100	251	1.5	0.0	352
		Flat3	R7	W13	Bedroom	100	246	1.5	0.0	352
			R8	W14 W15 W16 W17	LKD	150	156	1.5	0.2	352 83 353 83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R9	W18	Bedroom	100	77	1.5	0.2	83
	Flat4	Ground	R10	W19	Bedroom	100	20	1.5	0.0	82
			R11	W20 W21 W22	LKD	150	97	1.5	0.6	352 83 83
	Flat5	Ground	R12	W23	Bedroom	100	102	1.5	0.0	83
			R13	W24 W25 W26 W27	LKD	150	182	1.5	2.3	83 172 83 173
			R14	W28	Bedroom	100	203	1.5	2.4	173
	Flat1	First	R1	W1	Bedroom	100	298	1.5	3.9	173
			R2	W2 W3 W4 W5	LKD	150	331	1.5	5.5	173 262 172 262
			R3	W6	Bedroom	100	242	1.5	2.9	262
	Flat2	First	R4	W7	Bedroom	100	95	1.5	1.2	262
			R5	W8 W9 W10	LKD	150	277	1.5	2.7	172 262 262
	Flat3	First	R6	W11 W12 W13	LKD	150	269	1.5	2.7	262 262 353
			R7	W14	Bedroom	100	95	1.5	1.2	262
	Flat4	First	R8	W15	Bedroom	100	239	1.5	2.9	262
			R9	W16 W17 W18 W19	LKD	150	333	1.5	3.1	262 352 263 352
			R10	W20	Bedroom	100	275	1.5	0.0	352
	Flat5	First	R11	W21	Bedroom	100	270	1.5	0.0	352
			R12	W22 W23 W24 W25	LKD	150	181	1.5	0.4	352 82 352 83
			R13	W26	Bedroom	100	92	1.5	0.6	83
	Flat6	First	R14	W27	Bedroom	100	29	1.5	0.0	82
			R15	W28 W29 W30	LKD	150	112	1.5	0.9	353 83 83
	Flat7	First	R16	W31 W32 W33	LKD	150	119	1.5	1.0	83 83 172
			R17	W34	Bedroom	100	0	1.5	0.0	83
	Flat8	First	R18	W35	Bedroom	100	119	1.5	0.2	83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R19	W36 W37 W38 W39	LKD	150	209	1.5	3.9	83 173 83 173
			R20	W40	Bedroom	100	248	1.5	3.9	173
	Flat1	Second	R1	W1	Bedroom	100	348	1.5	6.1	173
			R2	W2 W3 W4 W5	LKD	150	430	1.5	8.2	173 262 172 262
			R3	W6	Bedroom	100	325	1.5	3.4	262
	Flat2	Second	R4	W7	Bedroom	100	162	1.5	1.6	262
			R5	W8 W9 W10	LKD	150	367	1.5	3.2	172 262 262
	Flat3	Second	R6	W11 W12 W13	LKD	150	365	1.5	3.2	262 262 353
			R7	W14	Bedroom	100	162	1.5	1.6	262
	Flat4	Second	R8	W15	Bedroom	100	329	1.5	3.4	262
			R9	W16 W17 W18 W19	LKD	150	422	1.5	3.4	262 352 263 352
			R10	W20	Bedroom	100	313	1.5	0.0	352
	Flat5	Second	R11	W21	Bedroom	100	307	1.5	0.0	352
			R12	W22 W23 W24 W25	LKD	150	231	1.5	0.7	352 82 352 83
			R13	W26	Bedroom	100	114	1.5	0.7	83
	Flat6	Second	R14	W27	Bedroom	100	34	1.5	0.0	82
			R15	W28 W29 W30	LKD	150	138	1.5	1.0	353 83 83
	Flat7	Second	R16	W31 W32 W33	LKD	150	146	1.5	1.5	83 83 172
			R17	W34	Bedroom	100	40	1.5	0.1	83
	Flat8	Second	R18	W35	Bedroom	100	147	1.5	0.6	83
			R19	W36 W37 W38 W39	LKD	150	242	1.5	5.7	83 173 83 173
			R20	W40	Bedroom	100	299	1.5	5.9	173
	Flat1	Third	R1	W1	Bedroom	100	416	1.5	6.4	173

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat2	Third	R2	W2	LKD	150	502	1.5	8.4	173
				W3						262
				W4						172
				W5						262
	Flat3	Third	R3	W6	Bedroom	100	368	1.5	3.4	262
				W7	Bedroom					262
				W8	LKD					172
				W9						262
	Flat4	Third	R4	W10						262
				W11	LKD	150	418	1.5	3.2	262
				W12						262
				W13						353
	Flat5	Third	R5	W14	Bedroom	100	205	1.5	1.6	262
				W15	Bedroom					262
				W16	LKD					262
				W17						352
	Flat6	Third	R6	W18		150	479	1.5	3.4	263
				W19						352
				W20	Bedroom					352
				W21	Bedroom					352
	Flat7	Third	R7	W22	LKD	150	289	1.5	1.5	352
				W23						82
				W24						352
				W25						83
	Flat8	Third	R8	W26	Bedroom	100	181	1.5	1.1	83
				W27	Bedroom					82
				W28	LKD					353
				W29						83
	Flat1	Fourth	R9	W30		150	209	1.5	1.5	83
				W31	LKD					173
				W32						83
				W33						172
	Flat2	Fourth	R10	W34	Bedroom	100	55	1.5	0.3	83
				W35	Bedroom					83
				W36	LKD					83
				W37						173
	Flat3	Fourth	R11	W38		150	303	1.5	6.1	83
				W39						173
				W40	Bedroom					173
				W1	Bedroom					173
	Flat4	Fourth	R12	W2	LKD	150	520	1.5	8.7	173
				W3						262
				W4						172
				W5						262
	Flat5	Fourth	R13	W6	Bedroom	100	427	1.5	3.4	262
				W7	Bedroom					262
				W8	LKD					172
				W9						172

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W9						262
				W10						262
	Flat3	Fourth	R6	W11	LKD	150	435	1.5	3.2	262
				W12						262
				W13						353
			R7	W14	Bedroom	100	217	1.5	1.6	262
	Flat4	Fourth	R8	W15	Bedroom	100	390	1.5	3.4	262
			R9	W16	LKD	150	500	1.5	3.4	262
				W17						352
				W18						263
				W19						352
			R10	W20	Bedroom	100	372	1.5	0.0	352
	Flat5	Fourth	R11	W21	Bedroom	100	373	1.5	0.0	352
			R12	W22	LKD	150	368	1.5	2.3	352
				W23						82
				W24						352
				W25						83
			R13	W26	Bedroom	100	253	1.5	2.2	83
	Flat6	Fourth	R14	W27	Bedroom	100	98	1.5	0.0	82
			R15	W28	LKD	150	302	1.5	2.0	353
				W29						83
				W30						83
	Flat7	Fourth	R16	W31	LKD	150	295	1.5	2.2	83
				W32						83
				W33						172
			R17	W34	Bedroom	100	93	1.5	0.6	83
	Flat8	Fourth	R18	W35	Bedroom	100	266	1.5	2.6	83
			R19	W36	LKD	150	394	1.5	6.8	83
				W37						173
				W38						83
				W39						173
			R20	W40	Bedroom	100	427	1.5	6.5	173
	Flat1	Fifth	R1	W1	Bedroom	100	441	1.5	6.7	173
			R2	W2	LKD	150	647	1.5	8.7	173
				W3						262
				W4						172
				W5						262
			R3	W6	Bedroom	100	433	1.5	3.4	262
	Flat2	Fifth	R4	W7	Bedroom	100	232	1.5	1.8	262
			R5	W8	LKD	150	454	1.5	3.2	172
				W9						262
				W10						262
	Flat3	Fifth	R6	W11	LKD	150	445	1.5	3.2	262
				W12						262
				W13						353
			R7	W14	Bedroom	100	232	1.5	1.8	262
	Flat4	Fifth	R8	W15	Bedroom	100	397	1.5	3.4	262

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)			
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation	
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)	
Block F2	Flat5	Fifth	R9	W16	LKD	150	587	1.5	3.4	262	
				W17						352	
				W18						263	
				W19						352	
			R10	W20	Bedroom	100	393	1.5	0.0	352	
			R11	W21	Bedroom	100	399	1.5	0.0	352	
				W22							
				W23							
				W24							
				W25							
			R13	W26	Bedroom	100	322	1.5	2.6	83	
			R14	W27	Bedroom	100	158	1.5	0.7	82	
	Flat6	Fifth		W28							
				W29							
				W30							
	Flat7	Fifth	R16	W31	LKD	150	388	1.5	2.6	83	
				W32						83	
				W33						172	
	Flat8	Fifth	R17	W34	Bedroom	100	152	1.5	0.7	83	
			R18	W35	Bedroom	100	326	1.5	2.6	83	
				W36							
				W37							
				W38							
				W39							
	Flat1	Ground	R20	W40	Bedroom	100	486	1.5	6.7	173	
			R1	W1	LKD	150	29	1.5	0.2	83	
				W3						83	
				W2						353	
			R2	W4	Bedroom	100	87	1.5	0.5	262	
			R3	W5	Bedroom	100	156	1.5	0.5	262	
			R4	W6	LKD	150	143	1.5	0.2	83	
				W7						83	
				W8						353	
			R5	W9	Bedroom	100	32	1.5	0.0	83	
			R6	W10	LKD	150	226	1.5	0.1	83	
				W12						83	
				W13						353	
				W11						353	
	R7	W14	Bedroom	100	253	1.5	0.0	353			
	R8	W15	Bedroom	100	437	1.5	0.0	353			
	R9	W16	Bedroom	100	224	1.5	0.0	353			
	Flat4	Ground	R10	W17	Bedroom	100	244	1.5	0.0	353	
			R11	W18	Bedroom	100	170	1.5	0.0	353	
			R12	W19	LKD	150	190	1.5	2.2	263	
				W20						352	
	W21	263									

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat5	Ground	R13	W22 W23 W24	LKD	150	200	1.5	1.7	263 173 263
			R14	W25	Bedroom	100	201	1.5	2.3	173
			R15	W26	Bedroom	100	213	1.5	2.3	173
	Flat1	First	R1	W1 W2 W3	LKD	150	37	1.5	0.5	83 352 83
			R2	W4	Bedroom	100	89	1.5	0.9	263
			R3	W5	Bedroom	100	193	1.5	0.9	263
	Flat2	First	R4	W6 W7 W8	LKD	150	127	1.5	0.5	83 83 353
			R5	W9	Bedroom	100	23	1.5	0.0	83
	Flat3	First	R6	W10 W11 W12	LKD	150	163	1.5	0.7	83 83 353
			R7	W13	Bedroom	100	41	1.5	0.0	83
	Flat4	First	R8	W14 W15 W16 W17	LKD	150	241	1.5	0.2	83 353 82 353
			R9	W18	Bedroom	100	260	1.5	0.0	353
			R10	W19	Bedroom	100	453	1.5	0.0	353
			R11	W20	Bedroom	100	242	1.5	0.0	353
	Flat5	First	R12	W21	Bedroom	100	267	1.5	0.0	353
			R13	W22	Bedroom	100	195	1.5	0.0	353
			R14	W23 W24 W25	LKD	150	220	1.5	2.2	263 353 263
	Flat6	First	R15	W26 W27 W28	LKD	150	231	1.5	1.8	263 173 263
			R16	W29	Bedroom	100	215	1.5	2.7	173
			R17	W30	Bedroom	100	222	1.5	2.6	173
	Flat7	First	R18	W31 W32 W33	LKD	150	140	1.5	0.7	263 263 173
			R19	W34	Bedroom	100	76	1.5	0.0	263
	Flat1	Second	R1	W1 W2 W3	LKD	150	43	1.5	0.9	83 352 83
			R2	W4	Bedroom	100	107	1.5	1.3	263
			R3	W5	Bedroom	100	242	1.5	1.3	263

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat2	Second	R4	W6	LKD	150	149	1.5	0.9	83
				W7						83
				W8						353
			R5	W9	Bedroom	100	30	1.5	0.0	83
	Flat3	Second	R6	W10	LKD	150	182	1.5	1.0	83
				W11						83
				W12						353
			R7	W13	Bedroom	100	46	1.5	0.0	83
	Flat4	Second	R8	W14	LKD	150	262	1.5	0.2	83
				W15						353
				W16						82
				W17						353
			R9	W18	Bedroom	100	288	1.5	0.0	353
			R10	W19	Bedroom	100	493	1.5	0.0	353
			R11	W20	Bedroom	100	268	1.5	0.0	353
	Flat5	Second	R12	W21	Bedroom	100	293	1.5	0.0	353
			R13	W22	Bedroom	100	223	1.5	0.0	353
			R14	W23	LKD	150	258	1.5	3.8	263
				W24						353
				W25						263
	Flat6	Second	R15	W26	LKD	150	265	1.5	2.2	263
				W27						173
				W28						263
			R16	W29	Bedroom	100	243	1.5	3.3	173
			R17	W30	Bedroom	100	253	1.5	3.2	173
	Flat7	Second	R18	W31	LKD	150	168	1.5	1.2	263
				W32						263
				W33						173
			R19	W34	Bedroom	100	89	1.5	0.0	263
	Flat1	Third	R1	W1	LKD	150	57	1.5	1.3	83
				W2						352
				W3						83
			R2	W4	Bedroom	100	129	1.5	1.9	263
			R3	W5	Bedroom	100	314	1.5	1.9	263
	Flat2	Third	R4	W6	LKD	150	193	1.5	1.6	83
				W7						83
				W8						353
			R5	W9	Bedroom	100	37	1.5	0.0	83
	Flat3	Third	R6	W10	LKD	150	206	1.5	1.5	83
				W11						83
				W12						353
			R7	W13	Bedroom	100	54	1.5	0.0	83
	Flat4	Third	R8	W14	LKD	150	283	1.5	0.2	83
				W15						353
				W16						82
				W17						353

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat5	Third	R9	W18	Bedroom	100	311	1.5	0.0	353
			R10	W19	Bedroom	100	522	1.5	0.0	353
			R11	W20	Bedroom	100	291	1.5	0.0	353
			R12	W21	Bedroom	100	325	1.5	0.0	353
			R13	W22	Bedroom	100	262	1.5	0.0	353
			R14	W23 W24 W25	LKD	150	289	1.5	3.8	263 353 263
	Flat6	Third	R15	W26 W27 W28	LKD	150	296	1.5	3.8	263 173 263
			R16	W29	Bedroom	100	296	1.5	4.5	173
			R17	W30	Bedroom	100	287	1.5	3.9	173
	Flat7	Third	R18	W31 W32 W33	LKD	150	205	1.5	1.9	263 263 173
			R19	W34	Bedroom	100	101	1.5	0.2	263
	Flat1	Fourth	R1	W1 W2 W3	LKD	150	87	1.5	2.2	83 352 83
			R2	W4	Bedroom	100	185	1.5	2.7	263
			R3	W5	Bedroom	100	392	1.5	2.7	263
	Flat2	Fourth	R4	W6 W7 W8	LKD	150	242	1.5	2.3	83 83 353
			R5	W9	Bedroom	100	48	1.5	0.3	83
	Flat3	Fourth	R6	W10 W11 W12	LKD	150	238	1.5	1.6	83 83 353
			R7	W13	Bedroom	100	62	1.5	0.0	83
	Flat4	Fourth	R8	W14 W15 W16 W17	LKD	150	304	1.5	0.3	83 353 82 353
			R9	W18	Bedroom	100	331	1.5	0.0	353
			R10	W19	Bedroom	100	556	1.5	0.0	353
	Flat5	Fourth	R11	W20	Bedroom	100	319	1.5	0.0	353
			R12	W21	Bedroom	100	355	1.5	0.0	353
			R13	W22	Bedroom	100	295	1.5	0.0	353
			R14	W23 W24 W25	LKD	150	324	1.5	3.8	263 353 263
	Flat6	Fourth	R15	W26 W27 W28	LKD	150	325	1.5	3.8	263 173 263

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)				
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation		
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)		
Block F2	Flat7	Fourth	R16	W29	Bedroom	100	373	1.5	5.6	173		
			R17	W30	Bedroom	100	338	1.5	4.4	173		
			R18	W31 W32 W33	LKD	150	257	1.5	3.2	263 263 173		
		Flat1	Fifth	R19	W34	Bedroom	100	126	1.5	0.9	263	
				R1	W1 W2 W3	LKD	150	142	1.5	2.6	83 352 83	
				R2	W4	Bedroom	100	244	1.5	3.4	263	
	Flat2	Fifth	R3	W5	Bedroom	100	465	1.5	3.4	263		
			R4	W6 W7 W8	LKD	150	334	1.5	2.6	83 83 353		
			R5	W9	Bedroom	100	148	1.5	0.4	83		
	Flat3	Fifth	R6	W10 W11 W12	LKD	150	295	1.5	1.6	83 83 353		
			R7	W13	Bedroom	100	87	1.5	0.0	83		
			Flat4	Fifth	R8	W14 W15 W16 W17	LKD	150	381	1.5	0.9	83 353 82 353
	R9	W18			Bedroom	100	349	1.5	0.0	353		
	Flat5	Fifth			R10	W19	Bedroom	100	601	1.5	0.0	353
			R11	W20	Bedroom	100	347	1.5	0.0	353		
			R12	W21	Bedroom	100	386	1.5	0.0	353		
			R13	W22	Bedroom	100	335	1.5	0.0	353		
			Flat6	Fifth	R14	W23 W24 W26 W25	LKD	150	453	1.5	2.9	263 353 263 263
					R15	W27 W29 W30 W28	LKD	150	475	1.5	5.9	263 173 263 263
	R16	W31			Bedroom	100	462	1.5	6.4	173		
	Flat7	Fifth	R17	W32	Bedroom	100	416	1.5	5.0	173		
			R18	W33 W34 W35	LKD	150	332	1.5	3.9	263 263 173		
			R19	W36	Bedroom	100	283	1.5	1.6	263		
			Block F3	Flat1	Ground	R1	W1 W2 W3	LKD	150	29	1.5	0.2

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat2	Ground	R2	W4	Bedroom	100	81	1.5	0.5	262
			R3	W5	Bedroom	100	115	1.5	0.5	262
			R4	W6	Bedroom	100	67	1.5	0.6	83
			R5	W7	Bedroom	100	97	1.5	0.6	83
			R6	W8	Bedroom	100	129	1.5	0.6	83
			R7	W9 W10 W11 W12	LKD	150	172	1.5	2.3	83 173 83 173
	Flat3	Ground	R8	W13	Bedroom	100	165	1.5	1.7	173
			R9	W14 W15 W16 W17	LKD	150	226	1.5	5.1	173 262 172 262
			R10	W18	Bedroom	100	120	1.5	1.9	262
			R1	W1 W2 W3	LKD	150	36	1.5	0.3	83 173 83
	Flat2	First	R2	W4	Bedroom	100	84	1.5	0.9	263
			R3	W5	Bedroom	100	142	1.5	0.7	263
			R4	W6 W7 W8	LKD	150	124	1.5	0.9	83 83 172
			R5	W9	Bedroom	100	20	1.5	0.0	83
	Flat3	First	R6	W10	Bedroom	100	86	1.5	0.8	83
			R7	W11	Bedroom	100	124	1.5	0.8	83
			R8	W12	Bedroom	100	163	1.5	0.8	83
			R9	W13 W14 W15 W16	LKD	150	199	1.5	3.3	83 173 83 173
	Flat4	First	R10	W17	Bedroom	100	194	1.5	3.1	173
			R11	W18 W19 W20 W21	LKD	150	229	1.5	5.3	173 262 172 263
			R12	W22	Bedroom	100	150	1.5	2.0	263
			R13	W23 W24 W25	LKD	150	116	1.5	0.9	263 263 353
	Flat1	Second	R14	W26	Bedroom	100	26	1.5	0.0	263
			R1	W1 W2 W3	LKD	150	43	1.5	0.7	83 173 83
			R2	W4	Bedroom	100	100	1.5	1.3	263

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat2	Second	R3	W5	Bedroom	100	174	1.5	1.1	263
			R4	W6 W7 W8	LKD	150	150	1.5	0.9	83 83 172
			R5	W9	Bedroom	100	27	1.5	0.0	83
	Flat3	Second	R6	W10	Bedroom	100	102	1.5	1.3	83
			R7	W11	Bedroom	100	159	1.5	1.0	83
			R8	W12	Bedroom	100	211	1.5	1.0	83
			R9	W13 W14 W15 W16	LKD	150	222	1.5	3.5	83 173 83 173
	Flat4	Second	R10	W17	Bedroom	100	214	1.5	3.3	173
			R11	W18 W19 W20 W21	LKD	150	254	1.5	5.5	173 262 172 263
			R12	W22	Bedroom	100	177	1.5	2.0	263
	Flat5	Second	R13	W23 W24 W25	LKD	150	139	1.5	1.1	263 263 353
			R14	W26	Bedroom	100	30	1.5	0.0	263
	Flat1	Third	R1	W1 W2 W3	LKD	150	59	1.5	1.1	83 173 83
			R2	W4	Bedroom	100	122	1.5	1.9	263
			R3	W5	Bedroom	100	261	1.5	1.7	263
	Flat2	Third	R4	W6 W7 W8	LKD	150	226	1.5	1.4	83 83 172
			R5	W9	Bedroom	100	37	1.5	0.0	83
	Flat3	Third	R6	W10	Bedroom	100	143	1.5	1.7	83
			R7	W11	Bedroom	100	238	1.5	1.7	83
			R8	W12	Bedroom	100	296	1.5	1.4	83
			R9	W13 W14 W15 W16	LKD	150	255	1.5	3.8	83 173 83 173
	Flat4	Third	R10	W17	Bedroom	100	241	1.5	3.6	173
			R11	W18 W19 W20 W21	LKD	150	314	1.5	5.6	173 262 172 263
			R12	W22	Bedroom	100	261	1.5	2.3	263
	Flat5	Third	R13	W23 W24	LKD	150	190	1.5	1.7	263 263

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W25						353
			R14	W26	Bedroom	100	40	1.5	0.2	263
	Flat1	Fourth	R1	W1 W2 W3	LKD	150	93	1.5	1.8	83 173 83
			R2	W4	Bedroom	100	181	1.5	2.7	263
			R3	W5	Bedroom	100	349	1.5	2.5	263
	Flat2	Fourth	R4	W6 W7 W8	LKD	150	317	1.5	2.0	83 83 172
			R5	W9	Bedroom	100	67	1.5	0.1	83
	Flat3	Fourth	R6	W10	Bedroom	100	213	1.5	2.0	83
			R7	W11	Bedroom	100	317	1.5	2.3	83
			R8	W12	Bedroom	100	386	1.5	2.2	83
			R9	W13 W14 W15 W16	LKD	150	316	1.5	4.7	83 173 83 173
	Flat4	Fourth	R10	W17	Bedroom	100	270	1.5	4.3	173
			R11	W18 W19 W20 W21	LKD	150	370	1.5	6.2	173 262 172 263
			R12	W22	Bedroom	100	324	1.5	2.6	263
	Flat5	Fourth	R13	W23 W24 W25	LKD	150	277	1.5	2.4	263 263 353
			R14	W26	Bedroom	100	73	1.5	0.9	263
	Flat1	Fifth	R1	W1 W2 W3	LKD	150	159	1.5	2.6	83 173 83
			R2	W4	Bedroom	100	237	1.5	3.4	263
			R3	W5	Bedroom	100	442	1.5	3.4	263
	Flat2	Fifth	R4	W6 W7 W8	LKD	150	431	1.5	3.1	83 83 172
			R5	W9	Bedroom	100	266	1.5	0.5	83
	Flat3	Fifth	R6	W10	Bedroom	100	289	1.5	2.6	83
			R7	W11	Bedroom	100	402	1.5	2.6	83
			R8	W12	Bedroom	100	480	1.5	2.6	83
			R9	W13 W14 W15 W16	LKD	150	441	1.5	7.6	83 173 83 173
	Flat4	Fifth	R10	W17	Bedroom	100	324	1.5	6.7	173

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Block H1	Flat5	Fifth	R11	W18 W19 W20 W21	LKD	150	543	1.5	8.7	173 262 172 263
			R12	W22	Bedroom	100	399	1.5	3.4	263
			R13	W23 W24 W25	LKD	150	371	1.5	3.2	263 263 353
			R14	W26	Bedroom	100	260	1.5	1.6	263
	Flat3	Ground	R6	W11 W12 W13	LKD	150	228	1.5	3.3	173 262 173
	Flat1	Ground	R7	W14	Bedroom	100	101	1.5	1.0	262
			R1	W1	Bedroom	100	75	1.5	0.3	82
			R2	W2 W3 W4	LKD	150	79	1.5	0.5	82 82 172
	Flat2	Ground	R3	W5	Bedroom	100	85	1.5	0.4	82
	Flat3	First	R4	W6	Bedroom	100	72	1.5	0.3	82
			R5	W7 W8 W9 W10	LKD	150	180	1.5	1.9	82 173 82 173
			R6	W11 W12 W13 W14	LKD	150	263	1.5	4.2	173 262 173 263
			R7	W15	Bedroom	100	139	1.5	1.1	263
	Flat4	First	R8	W16	Bedroom	100	124	1.5	1.5	263
			R9	W17 W18 W19	LKD	150	106	1.5	1.3	172 263 263
			R10	W20	Bedroom	100	94	1.5	0.9	263
	Flat1	First	R1	W1	Bedroom	100	98	1.5	0.6	82
	Flat2	First	R2	W2 W3 W4	LKD	150	99	1.5	0.8	82 82 172
			R3	W5	Bedroom	100	112	1.5	0.4	82
			R4	W6	Bedroom	100	118	1.5	0.5	82
			R5	W7 W8 W9 W10	LKD	150	236	1.5	2.2	82 173 82 173
	Flat3	Second	R6	W11 W12 W13 W14	LKD	150	287	1.5	4.7	173 262 173 263

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat4	Second	R7	W15	Bedroom	100	171	1.5	2.1	263
			R8	W16	Bedroom	100	160	1.5	2.0	263
			R9	W17 W18 W19	LKD	150	132	1.5	1.4	172 263 263
			R10	W20	Bedroom	100	116	1.5	1.4	263
	Flat1	Second	R1	W1	Bedroom	100	128	1.5	1.1	82
			R2	W2 W3 W4	LKD	150	125	1.5	1.1	82 82 172
			R3	W5	Bedroom	100	158	1.5	1.0	82
	Flat2	Second	R4	W6	Bedroom	100	163	1.5	0.8	82
			R5	W7 W8 W9 W10	LKD	150	264	1.5	2.8	82 173 82 173
			R6	W11 W12 W13 W14	LKD	150	320	1.5	6.1	173 262 173 263
			R7	W15	Bedroom	100	238	1.5	2.6	263
	Flat4	Third	R8	W16	Bedroom	100	232	1.5	2.3	263
			R9	W17 W18 W19	LKD	150	175	1.5	1.9	172 263 263
			R10	W20	Bedroom	100	174	1.5	1.9	263
			R1	W1	Bedroom	100	198	1.5	1.7	82
	Flat2	Third	R2	W2 W3 W4	LKD	150	191	1.5	1.9	82 82 172
			R3	W5	Bedroom	100	233	1.5	2.0	82
			R4	W6	Bedroom	100	225	1.5	1.5	82
			R5	W7 W8 W9 W10	LKD	150	305	1.5	3.6	82 173 82 173
	Flat3	Fourth	R6	W11 W12 W13 W14	LKD	150	374	1.5	6.5	173 262 173 263
			R7	W15	Bedroom	100	323	1.5	2.9	263
			R8	W16	Bedroom	100	326	1.5	2.7	263
			R9	W17 W18 W19	LKD	150	287	1.5	2.7	172 263 263
	Flat4	Fourth	R10	W20	Bedroom	100	281	1.5	2.7	263

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat1	Fourth	R1	W1	Bedroom	100	270	1.5	2.1	82
			R2	W2	LKD	150	268	1.5	2.2	82
				W3 W4						82 172
	Flat2	Fourth	R3	W5	Bedroom	100	308	1.5	2.8	82
			R4	W6	Bedroom	100	299	1.5	2.8	82
			R5	W7	LKD	150	360	1.5	6.7	82
				W8 W9 W10						173 82 173
	Flat3	Fifth	R6	W11	LKD	150	534	1.5	8.1	173
				W12						262
				W13						173
				W14						263
	Flat4	Fifth	R9	W17	LKD	150	413	1.5	4.5	172
				W18						263
				W19						263
			R10	W20	Bedroom	100	394	1.5	3.6	263
	Flat1	Fifth	R1	W1	Bedroom	100	352	1.5	2.3	82
			R2	W2	LKD	150	352	1.5	2.7	82
				W3 W4						82 172
	Flat2	Fifth	R3	W5	Bedroom	100	390	1.5	2.8	82
			R4	W6	Bedroom	100	374	1.5	2.8	82
			R5	W7	LKD	150	488	1.5	8.0	82
				W8 W9 W10						173 82 173
	Flat3	Ground	R7	W11	Bedroom	100	13	1.5	0.0	262
				W12	LKD					172
			R8	W13		150	59	1.5	0.3	262
				W14						262
Block H2	Flat4	Ground	R9	W15	LKD	150	288	1.5	0.2	262
				W16						262
				W17						262
				W18 W19						353 353
	Flat1	Ground	R1	W1	Bedroom	100	244	1.5	0.0	352
				W2	Bedroom					352
				W3	LKD					353
				W4 W5						83 83
	Flat2	Ground	R4	W6	Bedroom	100	72	1.5	0.3	82
			R5	W7	Bedroom	100	53	1.5	0.0	82

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R6	W8 W9 W10	LKD	150	37	1.5	0.0	262 172 262
	Flat3	First	R6	W13	Bedroom	100	75	1.5	0.0	83
			R7	W14 W15 W16 W17 W18	LKD	150	115	1.5	3.0	83 173 83 173 173
			R8	W19	Bedroom	100	98	1.5	2.2	173
	Flat4	First	R9	W20	Bedroom	100	94	1.5	0.9	82
			R10	W21	Bedroom	100	63	1.5	0.0	82
			R11	W22 W23 W24	LKD	150	51	1.5	0.2	262 172 262
	Flat5	First	R12	W25	Bedroom	100	23	1.5	0.0	262
			R13	W26 W27 W28	LKD	150	67	1.5	0.5	172 262 262
	Flat6	First	R14	W29 W30 W31	LKD	150	58	1.5	0.9	262 352 262
			R15	W32 W33	Bedroom	100	132	1.5	0.4	172 262
	Flat7	First	R16	W34 W35 W36 W37	LKD	150	258	1.5	0.5	262 262 353 353
			R17	W38 W39	Bedroom	100	369	1.5	0.0	262 352
			R18	W40	Bedroom	100	302	1.5	0.0	352
	Flat1	First	R1	W1	Bedroom	100	284	1.5	0.0	352
			R2	W2 W3	Bedroom	100	307	1.5	0.0	352 82
			R3	W4 W5 W6 W7	LKD	150	199	1.5	0.0	353 353 83 83
	Flat2	First	R4	W8 W9	Bedroom	100	123	1.5	0.1	83 172
			R5	W10 W11 W12	LKD	150	56	1.5	0.4	83 352 83
	Flat3	Second	R6	W13	Bedroom	100	87	1.5	0.2	83
			R7	W14 W15 W16 W17 W18	LKD	150	156	1.5	3.2	83 173 83 173 173

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R8	W19	Bedroom	100	127	1.5	2.3	173
	Flat4	Second	R9	W20	Bedroom	100	133	1.5	1.2	82
			R10	W21	Bedroom	100	82	1.5	0.0	82
			R11	W22 W23 W24	LKD	150	63	1.5	0.7	262 172 262
	Flat5	Second	R12	W25	Bedroom	100	26	1.5	0.0	262
			R13	W26 W27 W28	LKD	150	82	1.5	1.0	172 262 262
	Flat6	Second	R14	W29 W30 W31	LKD	150	71	1.5	1.4	262 352 262
			R15	W32 W33	Bedroom	100	158	1.5	0.9	172 262
	Flat7	Second	R16	W34 W35 W36 W37	LKD	150	295	1.5	1.1	262 262 353 353
			R17	W38 W39	Bedroom	100	407	1.5	0.0	262 352
			R18	W40	Bedroom	100	333	1.5	0.0	352
	Flat1	Second	R1	W1	Bedroom	100	328	1.5	0.0	352
			R2	W2 W3	Bedroom	100	368	1.5	0.0	352 82
			R3	W4 W5 W6 W7	LKD	150	256	1.5	0.3	353 353 83 83
	Flat2	Second	R4	W8 W9	Bedroom	100	142	1.5	0.4	83 172
			R5	W10 W11 W12	LKD	150	65	1.5	0.9	83 352 83
	Flat3	Third	R6	W13	Bedroom	100	106	1.5	0.8	83
			R7	W14 W15 W16 W17 W18	LKD	150	208	1.5	3.8	83 173 83 173 173
			R8	W19	Bedroom	100	160	1.5	2.7	173
	Flat4	Third	R9	W20	Bedroom	100	184	1.5	1.3	82
			R10	W21	Bedroom	100	121	1.5	0.0	82
			R11	W22 W23 W24	LKD	150	86	1.5	1.2	262 172 262
	Flat5	Third	R12	W25	Bedroom	100	34	1.5	0.0	262

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R13	W26 W27 W28	LKD	150	105	1.5	1.5	172 262 262
	Flat6	Third	R14	W29 W30 W31	LKD	150	90	1.5	1.9	262 352 262
			R15	W32 W33	Bedroom	100	244	1.5	1.4	172 262
	Flat7	Third	R16	W34 W35 W36 W37	LKD	150	348	1.5	1.8	262 262 353 353
			R17	W38 W39	Bedroom	100	438	1.5	0.0	262 352
			R18	W40	Bedroom	100	357	1.5	0.0	352
	Flat1	Third	R1	W1	Bedroom	100	361	1.5	0.0	352
			R2	W2 W3	Bedroom	100	414	1.5	0.0	352 82
			R3	W4 W5 W6 W7	LKD	150	306	1.5	0.7	353 353 83 83
	Flat2	Third	R4	W8 W9	Bedroom	100	172	1.5	0.8	83 172
			R5	W10 W11 W12	LKD	150	79	1.5	1.2	83 352 83
	Flat3	Fourth	R6	W13	Bedroom	100	157	1.5	1.2	83
			R7	W14 W15 W16 W17 W18	LKD	150	284	1.5	5.7	83 173 83 173 173
			R8	W19	Bedroom	100	195	1.5	3.8	173
	Flat4	Fourth	R9	W20	Bedroom	100	245	1.5	1.7	82
			R10	W21	Bedroom	100	160	1.5	0.0	82
			R11	W22 W23 W24	LKD	150	152	1.5	2.1	262 172 262
	Flat5	Fourth	R12	W25	Bedroom	100	56	1.5	0.4	262
			R13	W26 W27 W28	LKD	150	174	1.5	2.3	172 262 262
	Flat6	Fourth	R14	W29 W30 W31	LKD	150	140	1.5	2.8	262 352 262
			R15	W32 W33	Bedroom	100	334	1.5	2.3	172 262

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat7	Fourth	R16	W34	LKD	150	426	1.5	2.3	262
				W35						262
				W36						353
				W37						353
			R17	W38	Bedroom	100	461	1.5	0.0	262
				W39						352
			R18	W40	Bedroom	100	378	1.5	0.0	352
	Flat1	Fourth	R1	W1	Bedroom	100	379	1.5	0.0	352
			R2	W2	Bedroom	100	439	1.5	0.0	352
				W3						82
			R3	W4	LKD	150	356	1.5	1.1	353
				W5						353
				W6						83
				W7						83
	Flat2	Fourth	R4	W8	Bedroom	100	264	1.5	1.4	83
				W9						172
			R5	W10	LKD	150	101	1.5	1.6	83
				W11						352
				W12						83
	Flat3	Fifth	R6	W13	Bedroom	100	229	1.5	1.8	83
			R7	W14	LKD	150	404	1.5	6.7	83
				W15						173
				W16						83
				W17						173
			R8	W18						173
	Flat4	Fifth	R9	W20	Bedroom	100	310	1.5	2.6	82
			R10	W21	Bedroom	100	203	1.5	0.3	82
			R11	W22	LKD	150	336	1.5	3.8	262
				W23						172
				W24						262
	Flat5	Fifth	R12	W25	Bedroom	100	120	1.5	1.2	262
			R13	W26	LKD	150	262	1.5	3.2	172
				W27						262
				W28						262
	Flat6	Fifth	R14	W29	LKD	150	211	1.5	3.6	262
				W30						352
				W31						262
			R15	W32	Bedroom	100	439	1.5	3.1	172
				W33						262
	Flat7	Fifth	R16	W34	LKD	150	507	1.5	3.2	262
				W35						262
				W36						353
				W37						353
			R17	W38	Bedroom	100	485	1.5	0.2	262
				W39						352
	Flat1	Fifth	R18	W40	Bedroom	100	394	1.5	0.0	352
	Flat1	Fifth	R1	W1	Bedroom	100	395	1.5	0.0	352

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R2	W2 W3	Bedroom	100	465	1.5	0.0	352 82
			R3	W4 W5 W6 W7	LKD	150	424	1.5	1.8	353 353 83 83
	Flat2	Fifth	R4	W8 W9	Bedroom	100	342	1.5	1.9	83 172
			R5	W10 W11 W12	LKD	150	153	1.5	2.3	83 352 83
	Flat3	Sixth	R6	W13	Bedroom	100	308	1.5	2.3	83
			R7	W14 W15 W16 W17 W18	LKD	150	558	1.5	7.0	83 173 83 173 173
			R8	W19	Bedroom	100	451	1.5	6.7	173
	Flat4	Sixth	R9	W20	Bedroom	100	511	1.5	6.7	173
			R10	W21 W22 W23 W24 W25	LKD	150	668	1.5	7.8	173 173 262 172 262
			R11	W26	Bedroom	100	366	1.5	3.2	262
	Flat5	Sixth	R12	W27 W28 W29	LKD	150	278	1.5	3.6	262 352 262
			R13	W30 W31	Bedroom	100	546	1.5	3.1	172 262
	Flat6	Sixth	R14	W32 W33 W34 W35	LKD	150	571	1.5	3.2	262 262 353 353
			R15	W36 W37	Bedroom	100	512	1.5	0.2	262 352
			R16	W38	Bedroom	100	410	1.5	0.0	352
	Flat1	Sixth	R1	W1	Bedroom	100	417	1.5	0.0	352
			R2	W2 W3	Bedroom	100	494	1.5	0.0	352 82
			R3	W4 W5 W6 W7	LKD	150	498	1.5	2.1	353 353 83 83
	Flat2	Sixth	R4	W8 W9	Bedroom	100	448	1.5	2.4	83 172
			R5	W10 W11 W12	LKD	150	224	1.5	2.8	83 352 83
	Flat3	Seventh	R6	W13	Bedroom	100	371	1.5	2.3	83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R7	W14	LKD	150	648	1.5	7.0	83
				W15						173
				W16						83
				W17						173
				W18						173
			R8	W19	Bedroom	100	501	1.5	6.7	173
	Flat4	Seventh	R9	W20	Bedroom	100	535	1.5	6.7	173
			R10	W21	LKD	150	729	1.5	7.8	173
				W22						173
				W23						262
				W24						172
				W25						262
			R11	W26	Bedroom	100	395	1.5	3.2	262
	Flat5	Seventh	R12	W27	LKD	150	302	1.5	3.6	262
				W28						352
				W29						262
			R13	W30	Bedroom	100	584	1.5	3.1	172
				W31						262
	Flat6	Seventh	R14	W32	LKD	150	602	1.5	3.2	262
				W33						262
				W34						353
				W35						353
			R15	W36	Bedroom	100	530	1.5	0.2	262
				W37						352
			R16	W38	Bedroom	100	426	1.5	0.0	352
	Flat1	Seventh	R1	W1	Bedroom	100	432	1.5	0.0	352
			R2	W2	Bedroom	100	519	1.5	0.0	352
				W3						82
			R3	W4	LKD	150	560	1.5	2.3	353
				W5						353
				W6						83
				W7						83
	Flat2	Seventh	R4	W8	Bedroom	100	534	1.5	2.4	83
				W9						172
			R5	W10	LKD	150	273	1.5	2.8	83
				W11						352
				W12						83
	Flat3	Eighth	R6	W13	Bedroom	100	396	1.5	2.3	83
			R7	W14	LKD	150	781	1.5	7.0	83
				W15						173
				W16						83
				W17						173
				W18						173
			R8	W19	Bedroom	100	525	1.5	6.7	173
	Flat4	Eighth	R9	W20	Bedroom	100	551	1.5	6.7	173
			R10	W21	LKD	150	857	1.5	8.0	173
				W22						173
				W23						262
				W24						172
				W25						262

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Block H3	Flat5	Eighth	R11	W26	Bedroom	100	410	1.5	3.2	262
			R12	W27 W28 W29	LKD	150	339	1.5	3.6	262 352 262
			R13	W30 W31	Bedroom	100	619	1.5	3.6	172 262
	Flat6	Eighth	R14	W32 W33 W34 W35	LKD	150	690	1.5	3.2	262 262 353 353
			R15	W36 W37	Bedroom	100	599	1.5	0.2	262 352
			R16	W38	Bedroom	100	442	1.5	0.0	352
	Flat1	Eighth	R1	W1	Bedroom	100	442	1.5	0.0	352
			R2	W2 W3	Bedroom	100	594	1.5	0.0	352 82
			R3	W4 W5 W6 W7	LKD	150	649	1.5	2.3	353 353 83 83
	Flat2	Eighth	R4	W8 W9	Bedroom	100	598	1.5	2.8	83 172
			R5	W10 W11 W12	LKD	150	330	1.5	2.8	83 352 83
	Flat3	Ground	R7	W14 W15 W16	LKD	150	95	1.5	0.0	83 352 82
			R8	W17	Bedroom	100	57	1.5	1.2	262
			R9	W18	Bedroom	100	92	1.5	1.2	262
	Flat1	Ground	R1	W1	Bedroom	100	109	1.5	0.8	262
			R2	W2 W3 W4 W5	LKD	150	209	1.5	0.5	262 353 263 353
			R3	W6	Bedroom	100	190	1.5	0.0	353
	Flat2	Ground	R4	W7 W8 W9 W10 W11	LKD	150	263	1.5	2.6	353 353 83 352 83
			R5	W12	Bedroom	100	279	1.5	1.5	83
			R6	W13	Bedroom	100	249	1.5	1.1	83
	Flat3	First	R7	W14 W15	Bedroom	100	365	1.5	0.9	82 172
			R8	W16	Bedroom	100	172	1.5	0.4	83
			R9	W17	LKD	150	304	1.5	0.5	353

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat4	First	R10	W18	LKD	150	112	1.5	0.3	82
				W19						82
			R11	W20	Bedroom	100	63	1.5	1.6	83
				W21						352
	Flat5	First	R12	W22	Bedroom	100	131	1.5	1.6	82
				W23						263
			R13	W24	Bedroom	100	29	1.5	0.2	263
				W25						262
	Flat1	First	R14	W26	LKD	150	97	1.5	1.5	173
				W27						262
			R1	W28	Bedroom	100	130	1.5	0.8	262
				W1						262
	Flat2	First	R2	W2	LKD	150	260	1.5	0.5	262
				W3						353
			R3	W4	Bedroom	100	245	1.5	0.0	263
				W5						353
	Flat3	Second	R4	W6	LKD	150	321	1.5	2.6	353
				W7						353
			R5	W8	Bedroom	100	313	1.5	2.6	83
				W9						352
	Flat4	Second	R6	W10	LKD	150	339	1.5	0.8	82
				W11						82
			R7	W12	Bedroom	100	401	1.5	2.4	82
				W13						172
	Flat5	Second	R8	W14	Bedroom	100	209	1.5	0.4	83
				W15						82
			R9	W16	LKD	150	127	1.5	0.6	353
				W17						352
	Flat1	Second	R10	W18	LKD	100	147	1.5	0.8	82
				W19						82
			R11	W20	Bedroom	100	80	1.5	2.1	83
				W21						263
	Flat2	Second	R12	W22	LKD	100	185	1.5	2.1	263
				W23						262
			R13	W24	Bedroom	100	34	1.5	0.5	173
				W25						262
	Flat3	Second	R14	W26	LKD	150	117	1.5	2.0	262
				W27						262
			R1	W28	Bedroom	100	310	1.5	0.5	262
				W1						353
	Flat4	Second	R2	W2	LKD	150	388	1.5	2.6	263
				W3						353
			R3	W4	Bedroom	100	292	1.5	0.0	263
				W5						353
	Flat5	Second	R4	W6	LKD	150	388	1.5	2.6	353
				W7						353
			R5	W8	Bedroom	100	292	1.5	0.0	353
				W9						353
	Flat1	Second	R6	W10	LKD	150	388	1.5	2.6	353
				W11						353
			R7	W12	Bedroom	100	292	1.5	0.0	353
				W13						353
	Flat2	Second	R8	W14	LKD	150	388	1.5	2.6	353
				W15						353
			R9	W16	Bedroom	100	292	1.5	0.0	353
				W17						353

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat3	Third		W9	Bedroom	100	344	1.5	2.6	83
				W10						352
				W11						82
			R5	W12	Bedroom	100	344	1.5	2.6	82
			R6	W13	Bedroom	100	310	1.5	2.6	82
			R7	W14 W15	Bedroom	100	437	1.5	2.4	82 172
			R8	W16	Bedroom	100	228	1.5	0.5	83
			R9	W17 W18 W19	LKD	150	368	1.5	1.5	353 82 82
	Flat4	Third	R10	W20 W21 W22	LKD	150	139	1.5	1.0	83 352 82
			R11	W23	Bedroom	100	120	1.5	2.6	263
			R12	W24	Bedroom	100	234	1.5	2.7	263
			R13	W25	Bedroom	100	51	1.5	1.2	262
	Flat5	Third	R14	W26 W27 W28	LKD	150	145	1.5	2.3	173 262 262
	Flat1	Third	R1	W1	Bedroom	100	166	1.5	0.9	262
			R2	W2 W3 W4 W5	LKD	150	344	1.5	0.6	262 353 263 353
			R3	W6	Bedroom	100	327	1.5	0.0	353
		Flat2	R4	W7 W8 W9 W10 W11	LKD	150	437	1.5	2.6	353 353 83 352 82
			R5	W12	Bedroom	100	377	1.5	2.6	82
			R6	W13	Bedroom	100	334	1.5	2.6	82
	Flat3	Fourth	R7	W14 W15	Bedroom	100	466	1.5	2.4	82 172
			R8	W16	Bedroom	100	241	1.5	0.5	83
			R9	W17 W18 W19	LKD	150	400	1.5	2.6	353 82 82
	Flat4	Fourth	R10	W20 W21 W22	LKD	150	152	1.5	1.6	83 352 82
			R11	W23	Bedroom	100	153	1.5	3.4	263
			R12	W24	Bedroom	100	287	1.5	3.4	263
	Flat5	Fourth	R13	W25	Bedroom	100	71	1.5	1.4	262
			R14	W26	LKD	150	178	1.5	2.3	173

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat1	Fourth	R1	W27	Bedroom	100	185	1.5	1.0	262
				W28						262
			R2	W1	LKD	150	371	1.5	0.8	262
				W2						353
				W3						263
				W4						353
			R3	W5		100	344	1.5	0.0	353
				W6						353
	Flat2	Fourth	R4	W7	LKD	150	468	1.5	2.6	353
				W8						83
				W9						352
				W10						82
				W11						82
			R5	W12	Bedroom	100	406	1.5	2.6	82
				W13						82
	Flat3	Fifth	R7	W14	Bedroom	100	496	1.5	2.4	82
				W15						172
			R8	W16	Bedroom	100	254	1.5	0.5	83
				W17						83
			R9	W18	LKD	150	442	1.5	2.6	353
				W19						82
	Flat4	Fifth	R10	W20	LKD	150	190	1.5	2.5	83
				W21						352
				W22						82
			R11	W23	Bedroom	100	222	1.5	3.4	263
				W24						263
				W25						262
	Flat5	Fifth	R13	W26	LKD	150	218	1.5	2.3	173
				W27						262
			R14	W28						262
										262
	Flat1	Fifth	R1	W1	Bedroom	100	214	1.5	1.2	262
				W2						262
			R2	W3	LKD	150	402	1.5	1.2	353
				W4						263
				W5						353
				W6						353
	Flat2	Fifth	R3	W7	Bedroom	100	357	1.5	0.0	353
				W8						353
			R4	W9	LKD	150	503	1.5	2.6	83
				W10						352
				W11						82
				W12						82
	Flat3	Sixth	R5	W13	Bedroom	100	377	1.5	2.6	82
				W14						82
			R7	W15	Bedroom	100	593	1.5	3.2	172
				W16						83
				W17						83
										353

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)												
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation										
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)										
Block H4	Flat4	Sixth	R10	W18	LKD	150	243	1.5	2.6	82										
				W19						82										
			R11	W20	Bedroom					100	263	1.5	3.4	83						
				W21										352						
				W22										82						
	Flat5	Sixth	R11	W23	Bedroom	100	334	1.5	3.4	263										
				W24						263										
			R12	W25	Bedroom					100	262	1.5	1.6	262						
				R14										W26	LKD	150	272	1.5	3.4	173
														W27						262
	Flat1	Sixth	R1	W28	Bedroom	100	274	1.5	1.8	262										
				W1						262										
			R2	W2	LKD					150	499	1.5	1.8	262						
				W3										353						
				W4										263						
	Flat2	Sixth	R3	W5	Bedroom	100	372	1.5	0.0	353										
				W6						353										
				W7						LKD	150	596	1.5	2.6	83					
				W8											352					
				W9											82					
			R4	W10	Bedroom	100	472	1.5	2.6	82										
				W11						82										
				W12						82										
			Flat3	Ground	R5	W13	Bedroom	100	397	1.5	2.6	82								
						W14						82								
						W15						172								
					R6	W16	Bedroom	100	99	1.5	0.0	172								
	W17	173																		
	W18	173																		
	Flat4	Ground			R8	W19	LKD	150	244	1.5	1.7	263								
						W20						263								
			R9	W21	Bedroom	100	209					1.5	1.4	172						
				W22										172						
				W23										172						
	Flat5	Ground	R10	W24	LKD	150	109	1.5	2.6	262										
				W25						262										
			R11	W26	Bedroom					100	163	1.5	1.4	172						
				W27										263						
				W28										263						
	Flat1	Ground	R13	W29	Bedroom	100	153	1.5	0.0	353										
				W30						353										
			R14	W31	Bedroom					100	94	1.5	0.3	262						
				W32										262						
				W33										262						
	Flat2	Ground	R1	W34	Bedroom	150	85	1.5	0.0	82										
				W35						172										
			R2	W36	LKD					100	54	1.5	0.3	83						
W37				83																
W38				83																

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
			R6	W8	Bedroom	100	142	1.5	1.4	83
			R7	W9	LKD	150	189	1.5	2.8	83
				W10						173
				W11						83
				W12						172
	Flat3	First	R6	W10	LKD	150	219	1.5	0.6	82
				W11						82
				W12						173
			R7	W13	Bedroom	100	33	1.5	0.0	83
	Flat4	First	R8	W14	Bedroom	100	117	1.5	1.0	83
			R9	W15	Bedroom	100	203	1.5	1.6	83
			R10	W16	Bedroom	100	165	1.5	1.6	83
			R11	W17	LKD	150	206	1.5	3.1	83
				W18						173
				W19						83
				W20						172
	Flat5	First	R12	W21	LKD	150	264	1.5	2.1	172
				W22						172
				W23						263
			R13	W24	Bedroom	100	104	1.5	0.0	172
	Flat6	First	R14	W25	Bedroom	100	224	1.5	1.7	172
			R15	W26	Bedroom	100	178	1.5	1.7	172
			R16	W27	LKD	150	136	1.5	3.4	172
				W28						262
				W29						172
				W30						263
				W31						263
	Flat7	First	R17	W32	LKD	150	119	1.5	1.2	263
				W33						263
				W34						353
				W35						263
				W36						352
			R18	W37	Bedroom	100	170	1.5	0.0	352
			R19	W38	Bedroom	100	160	1.5	0.0	352
	Flat1	First	R1	W1	LKD	150	70	1.5	0.0	263
				W2						263
				W3						353
			R2	W4	Bedroom	100	23	1.5	0.0	262
	Flat2	First	R3	W5	Bedroom	100	140	1.5	0.9	263
			R4	W6	Bedroom	100	61	1.5	1.3	263
			R5	W7	LKD	150	98	1.5	0.1	82
				W8						172
				W9						83
	Flat3	Second	R6	W10	LKD	150	254	1.5	0.7	82
				W11						82
				W12						173
			R7	W13	Bedroom	100	43	1.5	0.0	83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
	Flat4	Second	R8	W14	Bedroom	100	138	1.5	1.0	83
			R9	W15	Bedroom	100	230	1.5	1.6	83
			R10	W16	Bedroom	100	184	1.5	2.3	83
			R11	W17	LKD	150	222	1.5	3.8	83
				W18						173
				W19						83
				W20						172
	Flat5	Second	R12	W21	LKD	150	283	1.5	2.5	172
				W22						172
				W23						263
			R13	W24	Bedroom	100	107	1.5	0.0	172
	Flat6	Second	R14	W25	Bedroom	100	243	1.5	2.0	172
			R15	W26	Bedroom	100	192	1.5	2.0	172
			R16	W27	LKD	150	157	1.5	4.5	172
				W28						262
				W29						172
				W30						263
				W31						263
	Flat7	Second	R17	W32	LKD	150	142	1.5	1.2	263
				W33						263
				W34						353
				W35						263
				W36						352
			R18	W37	Bedroom	100	191	1.5	0.0	352
			R19	W38	Bedroom	100	180	1.5	0.0	352
	Flat1	Second	R1	W1	LKD	150	99	1.5	0.0	263
				W2						263
				W3						353
			R2	W4	Bedroom	100	29	1.5	0.3	262
	Flat2	Second	R3	W5	Bedroom	100	180	1.5	1.4	263
			R4	W6	Bedroom	100	76	1.5	2.1	263
			R5	W7	LKD	150	112	1.5	0.4	82
				W8						172
				W9						83
	Flat3	Third	R6	W10	LKD	150	299	1.5	1.0	82
				W11						82
				W12						173
			R7	W13	Bedroom	100	51	1.5	0.0	83
	Flat4	Third	R8	W14	Bedroom	100	159	1.5	1.4	83
			R9	W15	Bedroom	100	320	1.5	1.6	83
			R10	W16	Bedroom	100	221	1.5	2.3	83
			R11	W17	LKD	150	248	1.5	5.1	83
				W18						173
				W19						83
				W20						172
	Flat5	Third	R12	W21	LKD	150	306	1.5	3.2	172

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)								
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation						
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)						
	Flat6	Third		W22	Bedroom	100	109	1.5	0.0	172						
				W23						263						
			R13	W24	Bedroom	100	109	1.5	0.0	172						
			R14	W25	Bedroom	100	261	1.5	2.8	172						
			R15	W26	Bedroom	100	214	1.5	2.6	172						
			R16	W27	LKD	150	187	1.5	4.7	172						
	Flat7	Third	R17	W28	LKD	150	177	1.5	1.6	262						
				W29						172						
				W30						263						
				W31						263						
				W32						263						
				W33						353						
	Flat1	Third	R1	W34	LKD	150	141	1.5	0.5	263						
				W35						263						
				W36						352						
				R18						W37	Bedroom	100	217	1.5	0.0	352
				R19						W38	Bedroom	100	200	1.5	0.0	352
				W1						LKD	150	141	1.5	0.5	263	
	W2	263														
	W3	353														
	Flat2	Third	R2	W4	Bedroom	100	44	1.5	0.8	262						
			R3	W5	Bedroom	100	242	1.5	2.0	263						
			R4	W6	Bedroom	100	109	1.5	2.6	263						
	Flat3	Fourth	R5	W7	LKD	150	122	1.5	0.8	82						
				W8						172						
				W9						83						
			R6	W10	LKD	150	360	1.5	1.5	82						
				W11						82						
				W12						173						
	Flat4	Fourth	R7	W13	Bedroom	100	63	1.5	0.0	83						
			R8	W14	Bedroom	100	221	1.5	1.5	83						
			R9	W15	Bedroom	100	410	1.5	1.8	83						
			R10	W16	Bedroom	100	285	1.5	2.3	83						
			R11	W17	LKD	150	285	1.5	7.5	83						
			W18	173												
	W19	83														
	Flat5	Fourth	R12	W20	LKD	150	343	1.5	6.6	172						
				W21						172						
				W22						263						
	Flat6	Fourth	R13	W24	Bedroom	100	115	1.5	0.0	172						
			R14	W25	Bedroom	100	291	1.5	4.6	172						
			R15	W26	Bedroom	100	247	1.5	4.4	172						
			R16	W27	LKD	150	307	1.5	7.0	172						
			W28	262												
	W29	172														
										263						

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
				W31						263
	Flat7	Fourth	R17	W32	LKD	150	290	1.5	1.9	263
				W33						263
				W34						353
				W35						263
				W36						352
			R18	W37	Bedroom	100	245	1.5	0.0	352
			R19	W38	Bedroom	100	223	1.5	0.0	352
	Flat1	Fourth	R1	W1	LKD	150	199	1.5	3.0	263
				W2						263
				W3						353
			R2	W4	Bedroom	100	78	1.5	1.4	262
	Flat2	Fourth	R3	W5	Bedroom	100	319	1.5	2.6	263
			R4	W6	Bedroom	100	146	1.5	3.3	263
			R5	W7	LKD	150	134	1.5	1.3	82
				W8						172
				W9						83
	Flat3	Fifth	R6	W10	LKD	150	438	1.5	2.1	82
				W11						82
				W12						173
			R7	W13	Bedroom	100	93	1.5	0.2	83
	Flat4	Fifth	R8	W14	Bedroom	100	286	1.5	2.1	83
			R9	W15	Bedroom	100	504	1.5	2.1	83
			R10	W16	Bedroom	100	342	1.5	2.3	83
			R11	W17	LKD	150	349	1.5	7.6	83
				W18						173
				W19						83
				W20						172
	Flat5	Fifth	R12	W21	LKD	150	456	1.5	8.1	172
				W22						172
				W23						263
			R13	W24	Bedroom	100	546	1.5	3.2	172
				W25						263
	Flat1	Fifth	R1	W1	LKD	150	300	1.5	3.2	263
				W2						263
				W3						353
			R2	W4	Bedroom	100	115	1.5	1.6	262
	Flat2	Fifth	R3	W5	Bedroom	100	394	1.5	2.8	263
			R4	W6	Bedroom	100	183	1.5	3.4	263
			R5	W7	LKD	150	176	1.5	2.1	82
				W8						172
				W9						83
	Flat3	Sixth	R6	W10	LKD	150	533	1.5	3.1	82
				W11						82
				W12						173
			R7	W13	Bedroom	100	276	1.5	0.5	83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)			
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation	
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)	
Block_E1	Flat4	Sixth	R8	W14	Bedroom	100	357	1.5	2.6	83	
			R9	W15	Bedroom	100	598	1.5	2.6	83	
			R10	W16	Bedroom	100	397	1.5	2.6	83	
			R11	W17 W18 W19 W20	LKD	150	496	1.5	7.6	83 173 83 172	
	Flat5	Sixth	R12	W21 W22 W23	LKD	150	580	1.5	8.7	172 172 263	
			R13	W24 W25	Bedroom	100	882	1.5	6.8	172 263	
	Flat1	Sixth	R1	W1 W2 W3	LKD	150	372	1.5	3.2	263 263 353	
			R2	W4	Bedroom	100	251	1.5	1.6	262	
	Flat2	Sixth	R3	W5	Bedroom	100	466	1.5	3.4	263	
			R4	W6	Bedroom	100	219	1.5	3.4	263	
			R5	W7 W8 W9	LKD	150	244	1.5	2.7	82 172 83	
	Block_E1	Ground	R1	W1 W2 W3	Living Room	150	696	1.5	3.9	352 262 262	
			R2	W4	LKD	150	117	1.5	0.2	83	
		First	R1	W1	Bedroom	100	448	1.5	3.8	263	
			R2	W2	Bedroom	100	335	1.5	0.5	83	
		Second	R1	W1	Bedroom	100	313	1.5	3.3	263	
			R2	W2 W3	Bedroom	100	432	1.5	1.3	83 83	
		Block_E2	Ground	R1	W1 W2	Living Room	150	564	1.5	3.9	262 262
				R2	W3	LKD	150	104	1.5	0.2	83
	First		R1	W1	Bedroom	100	443	1.5	3.8	263	
			R2	W2	Bedroom	100	317	1.5	0.5	83	
	Second		R1	W1	Bedroom	100	312	1.5	3.3	263	
			R2	W2 W3	Bedroom	100	395	1.5	0.9	83 83	
	Block_E3		Ground	R1	W1 W2	Living Room	150	562	1.5	3.9	262 262
				R2	W3	LKD	150	95	1.5	0.2	83
		First	R1	W1	Bedroom	100	441	1.5	3.8	263	
			R2	W2	Bedroom	100	298	1.5	0.5	83	

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Block_E4		Second	R1	W1	Bedroom	100	311	1.5	3.3	263
			R2	W2 W3	Bedroom	100	375	1.5	0.9	83 83
		Ground	R1	W1 W2	Living Room	150	557	1.5	3.9	262 262
			R2	W3	LKD	150	73	1.5	0.2	83
		First	R1	W1	Bedroom	100	437	1.5	3.8	263
			R2	W2	Bedroom	100	239	1.5	0.5	83
		Second	R1	W1	Bedroom	100	312	1.5	3.3	263
			R2	W2 W3	Bedroom	100	340	1.5	0.9	83 83
Block_E5		Ground	R1	W1 W2	Living Room	150	563	1.5	3.9	262 262
			R2	W3	LKD	150	60	1.5	0.2	83
		First	R1	W1	Bedroom	100	440	1.5	3.8	263
			R2	W2	Bedroom	100	178	1.5	0.5	83
		Second	R1	W1	Bedroom	100	310	1.5	3.3	263
			R2	W2 W3	Bedroom	100	294	1.5	0.9	83 83
		Ground	R1	W1 W2	Living Room	150	561	1.5	3.9	262 262
			R2	W3	LKD	150	58	1.5	0.5	83
Block_E6		First	R1	W1	Bedroom	100	438	1.5	3.8	263
			R2	W2	Bedroom	100	153	1.5	0.5	83
		Second	R1	W1	Bedroom	100	311	1.5	3.3	263
			R2	W2 W3	Bedroom	100	272	1.5	0.9	83 83
		Ground	R1	W1 W2	Living Room	150	557	1.5	3.9	262 262
			R2	W3	LKD	150	56	1.5	1.0	83
		First	R1	W1	Bedroom	100	439	1.5	3.8	263
			R2	W2	Bedroom	100	146	1.5	1.0	83
Block_E7		Second	R1	W1	Bedroom	100	308	1.5	3.3	263
			R2	W2 W3	Bedroom	100	254	1.5	1.1	83 83
		Ground	R1	W1 W2	Living Room	150	551	1.5	3.9	262 262
			R2	W3	LKD	150	56	1.5	1.5	83
		First	R1	W1	Bedroom	100	438	1.5	3.8	263
			R2	W2	Bedroom	100	153	1.5	1.6	83
		Second	R1	W1	Bedroom	100	311	1.5	3.3	263
			R2	W2 W3	Bedroom	100	272	1.5	0.9	83 83
Block_E8		Ground	R1	W1 W2	Living Room	150	551	1.5	3.9	262 262
			R2	W3	LKD	150	56	1.5	1.5	83
		First	R1	W1	Bedroom	100	438	1.5	3.8	263
			R2	W2	Bedroom	100	153	1.5	1.6	83
		Second	R1	W1	Bedroom	100	311	1.5	3.3	263
			R2	W2 W3	Bedroom	100	272	1.5	0.9	83 83
		Ground	R1	W1 W2	Living Room	150	551	1.5	3.9	262 262
			R2	W3	LKD	150	56	1.5	1.5	83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Block_E9		Second	R1	W1	Bedroom	100	307	1.5	3.3	263
			R2	W2 W3	Bedroom	100	259	1.5	1.5	83 83
		Ground	R1	W1 W2	Living Room	150	540	1.5	3.9	262 262
			R2	W3	LKD	150	59	1.5	0.9	83
		First	R1	W1	Bedroom	100	435	1.5	3.8	263
			R2	W2	Bedroom	100	178	1.5	1.9	83
		Second	R1	W1	Bedroom	100	307	1.5	3.3	263
			R2	W2 W3	Bedroom	100	278	1.5	2.1	83 83
Block_E10		Ground	R1	W1 W2	Living Room	150	527	1.5	3.9	262 262
			R2	W3	LKD	150	79	1.5	0.2	83
		First	R1	W1	Bedroom	100	430	1.5	3.8	263
			R2	W2	Bedroom	100	246	1.5	0.8	83
		Second	R1	W1	Bedroom	100	303	1.5	3.3	263
			R2	W2 W3	Bedroom	100	306	1.5	2.1	83 83
		Ground	R1	W1 W2	Living Room	150	524	1.5	3.9	262 262
			R2	W3	LKD	150	105	1.5	0.2	83
Block_E11		First	R1	W1	Bedroom	100	421	1.5	3.8	263
			R2	W2	Bedroom	100	300	1.5	0.5	83
		Second	R1	W1	Bedroom	100	298	1.5	3.3	263
			R2	W2 W3	Bedroom	100	351	1.5	1.1	83 83
		Ground	R1	W1 W2	Living Room	150	526	1.5	3.9	262 262
			R2	W3	LKD	150	115	1.5	0.3	83
		First	R1	W1	Bedroom	100	420	1.5	3.8	263
			R2	W2	Bedroom	100	316	1.5	0.5	83
Block_E12		Second	R1	W1	Bedroom	100	299	1.5	3.3	263
			R2	W2 W3	Bedroom	100	369	1.5	0.8	83 83
		Ground	R1	W1 W2	Living Room	150	518	1.5	3.9	263 262
			R2	W3	LKD	150	121	1.5	0.5	83
		First	R1	W1	Bedroom	100	410	1.5	3.8	263
			R2	W2	Bedroom	100	334	1.5	0.7	83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		Sunlight Exposure (SE)		
						Target Lux	Median Lux of Room	Target	Sunlight Exposure	Orientation
						(Lux)	(Lux)	(Hrs)	(Hrs)	(Degrees)
Block_E14		Second	R1	W1	Bedroom	100	299	1.5	3.3	263
			R2	W2 W3	Bedroom	100	394	1.5	0.9	83 83
		Ground	R1	W1 W2	Living Room	150	532	1.5	3.3	262 262
			R2	W3 W4	LKD	150	327	1.5	5.6	172 83
		First	R1	W1 W2	Bedroom	100	684	1.5	8.0	263 172
			R2	W3	Bedroom	100	327	1.5	1.0	83
		Second	R1	W1	Bedroom	100	303	1.5	3.3	263
			R2	W2 W3	Bedroom	100	414	1.5	1.1	83 83



Appendix 6

Detailed results of façade assessment

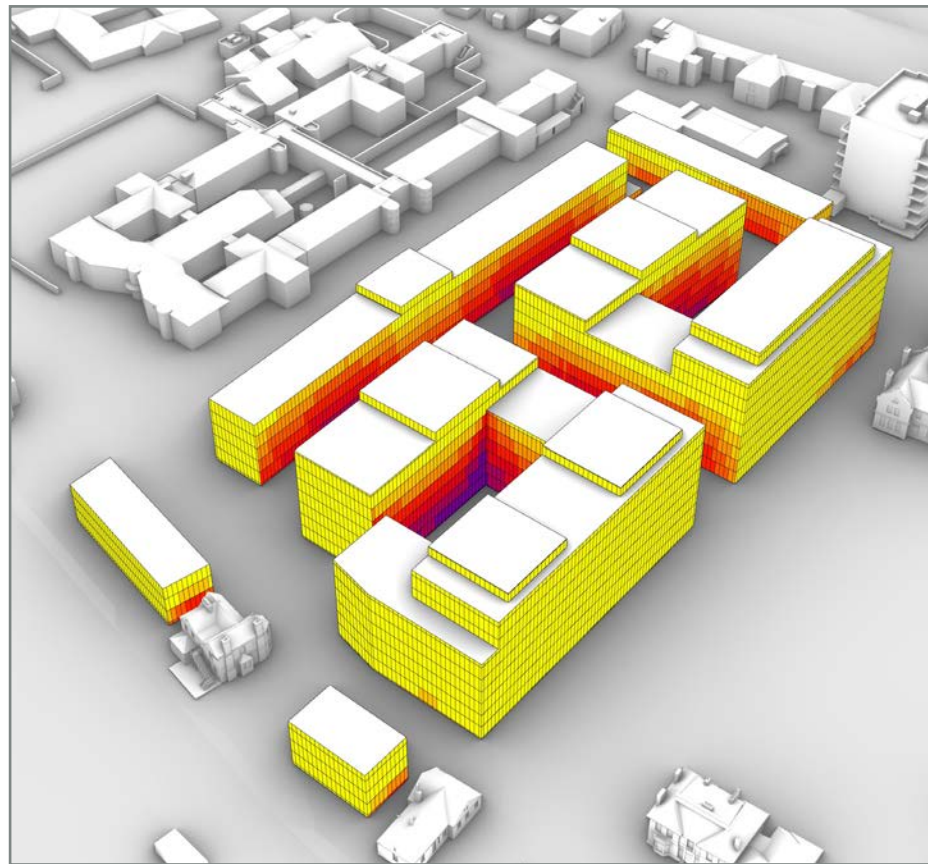


Fig. 1: Daylight Potential (VSC) - V1

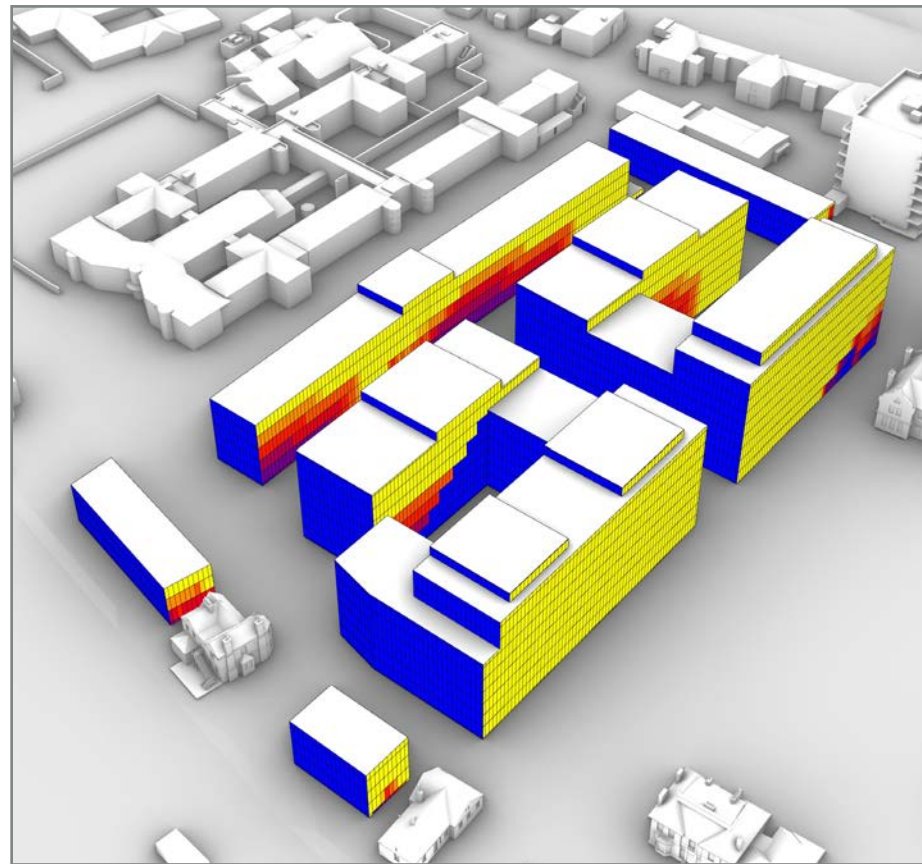


Fig. 2: Sunlight Potential (SE) - V1

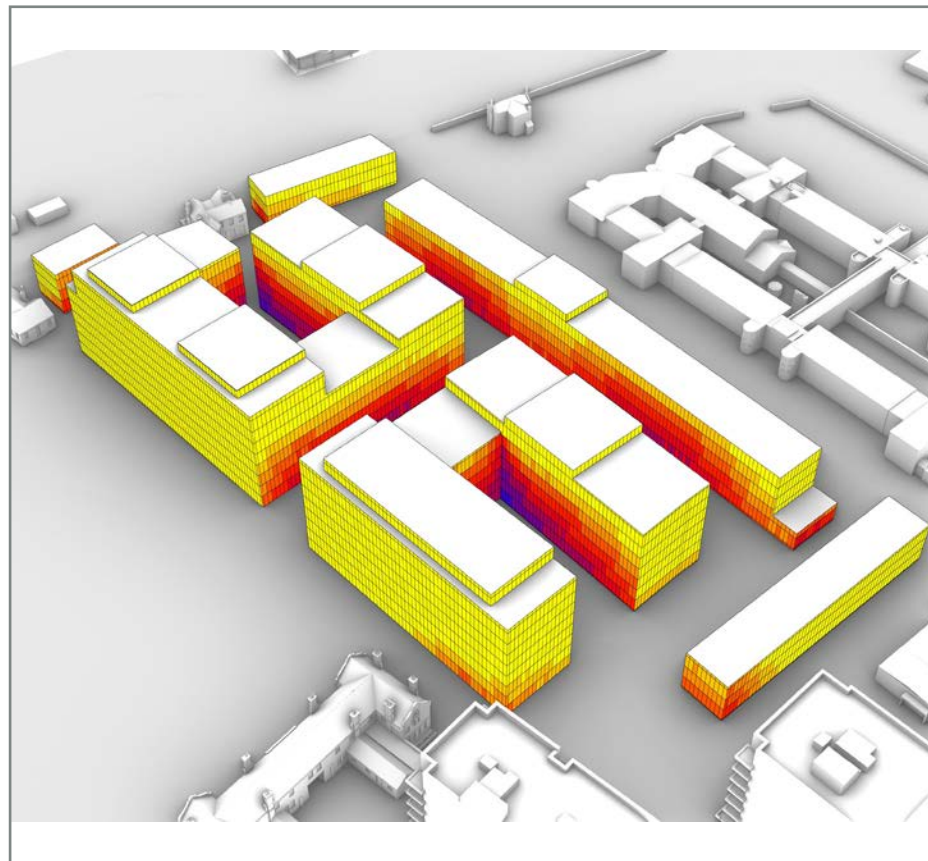
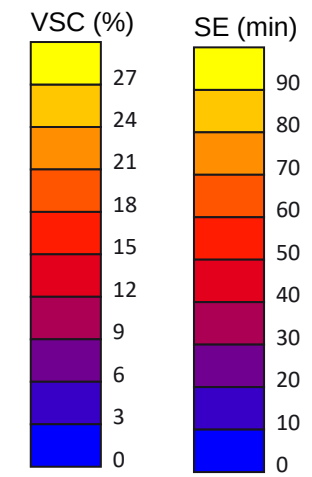


Fig. 3: Daylight Potential (VSC) - V2

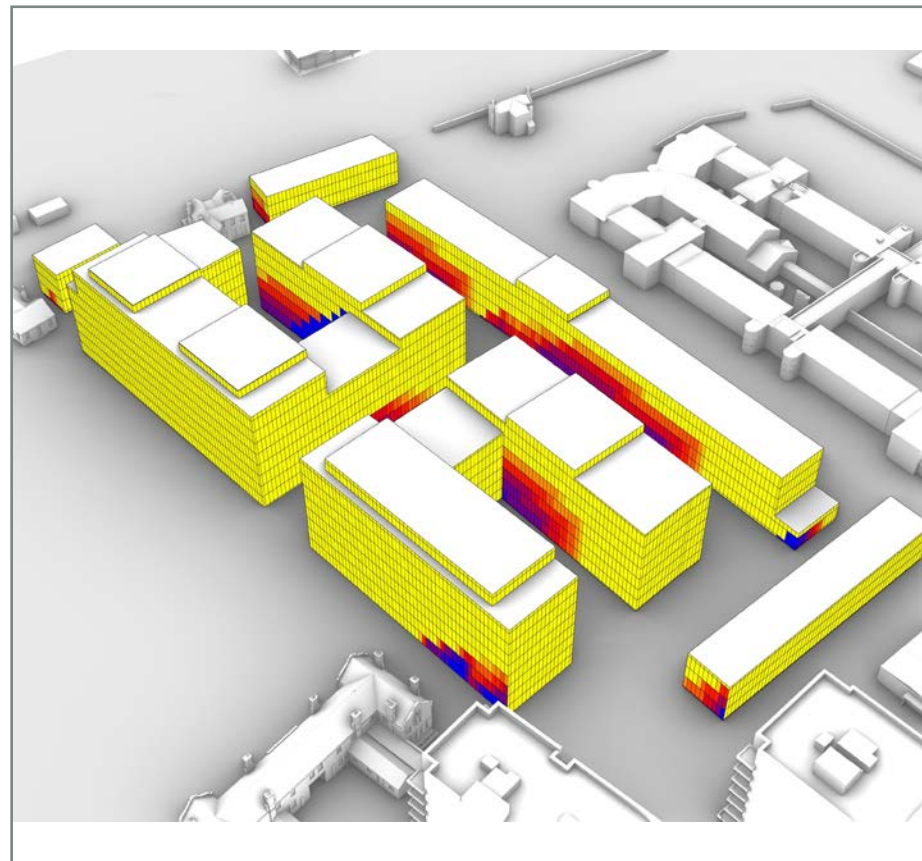


Fig. 4: Sunlight Potential (SE) - V2

SE parameters:
Latitude: 51.4N
Reveal angle: 24 deg



Site plan

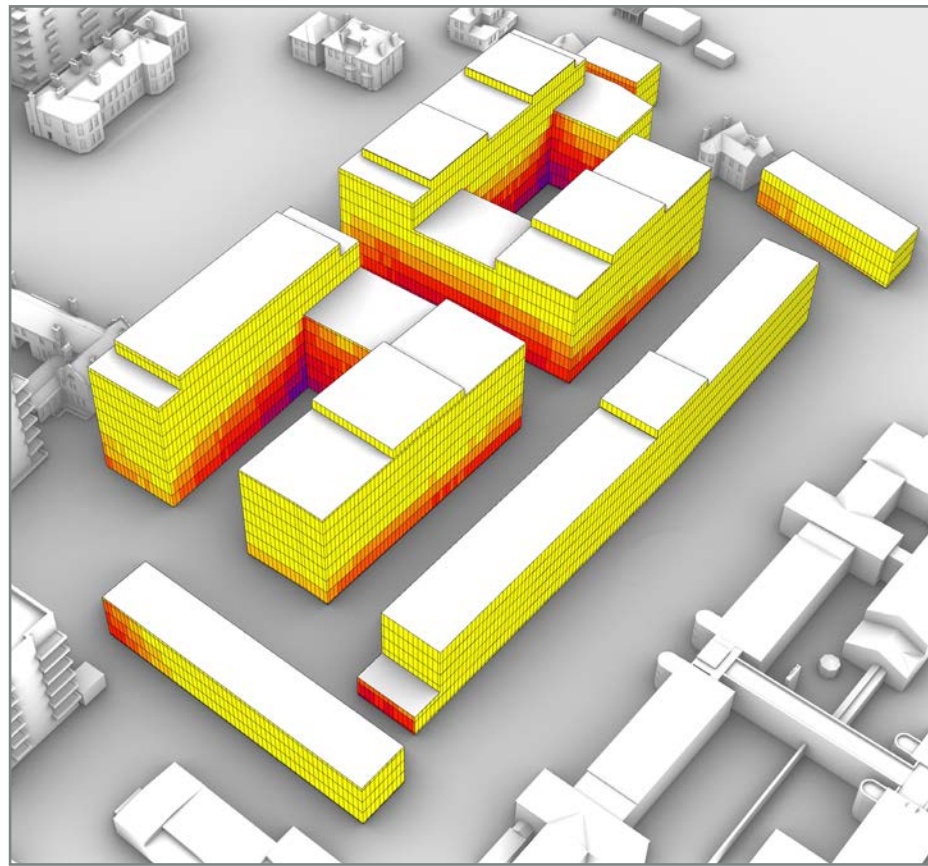


Fig. 5: Daylight Potential (VSC) - V1

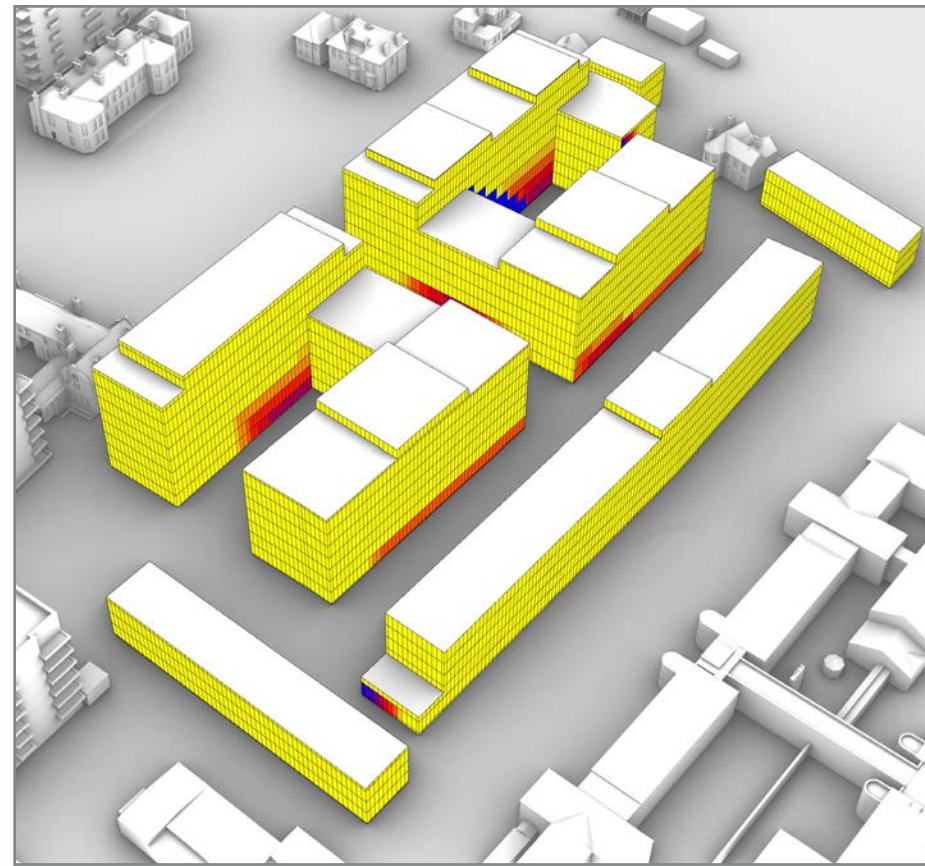


Fig. 6: Sunlight Potential (SE) - V1

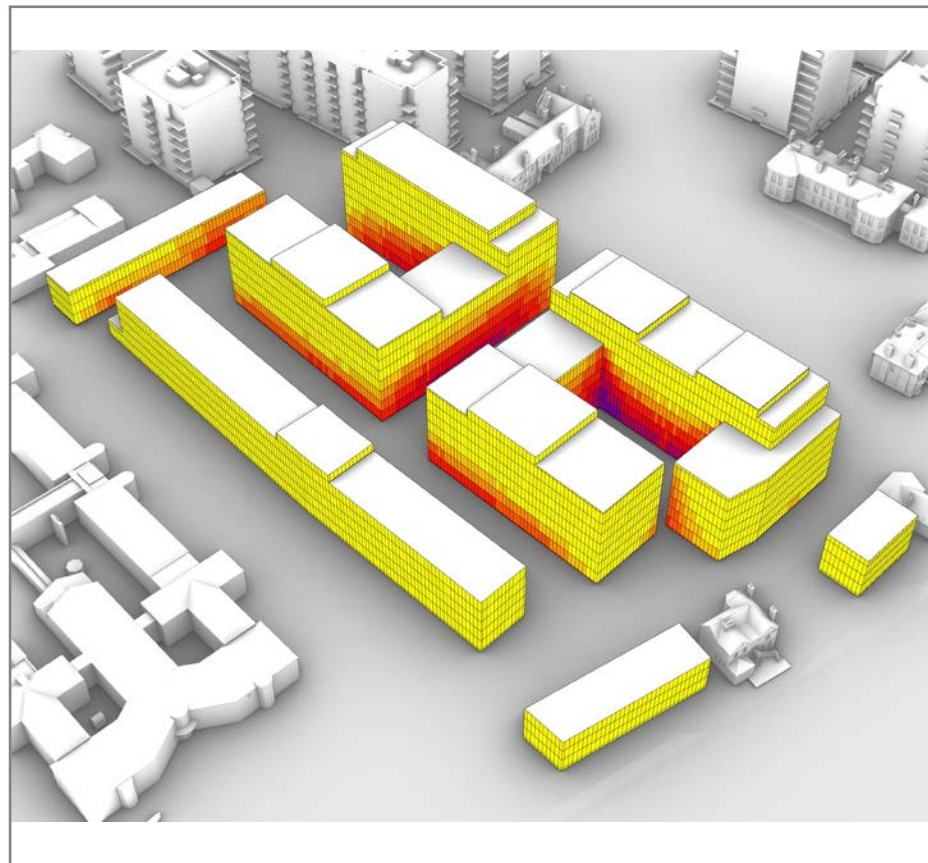
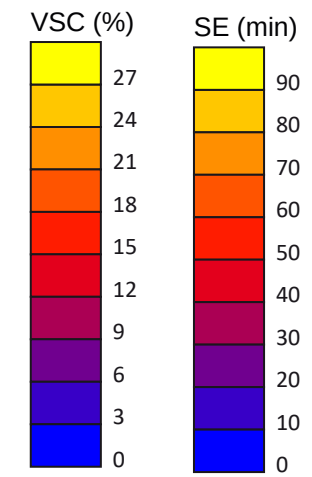


Fig. 7: Daylight Potential (VSC) - V2

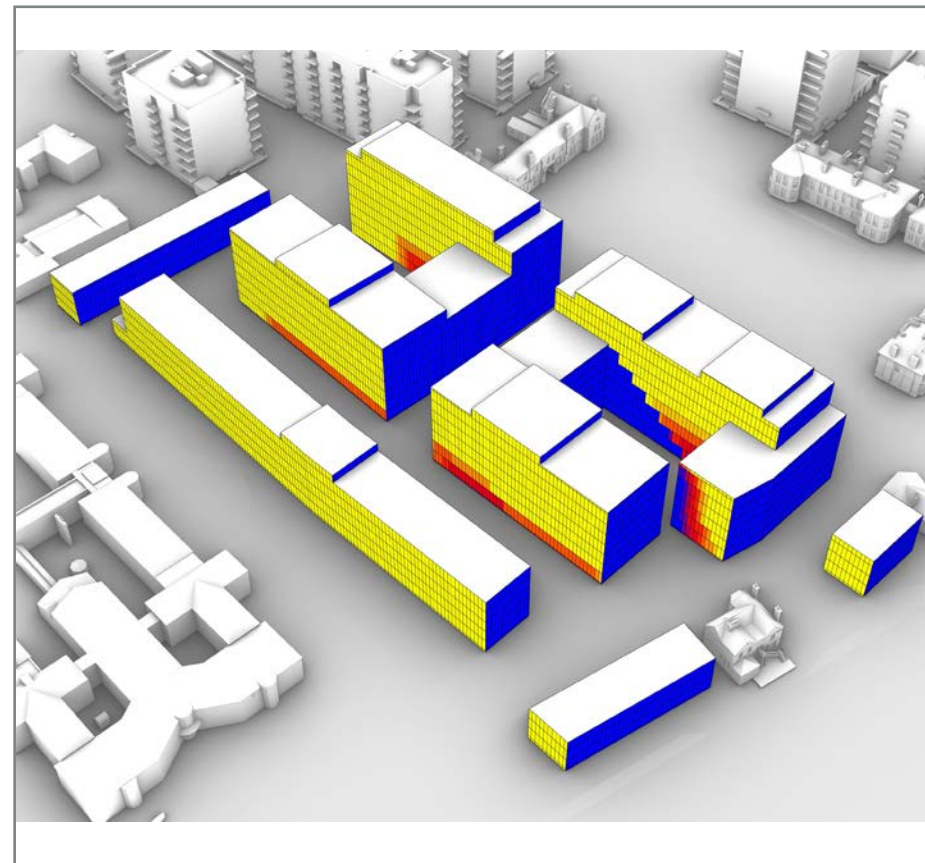
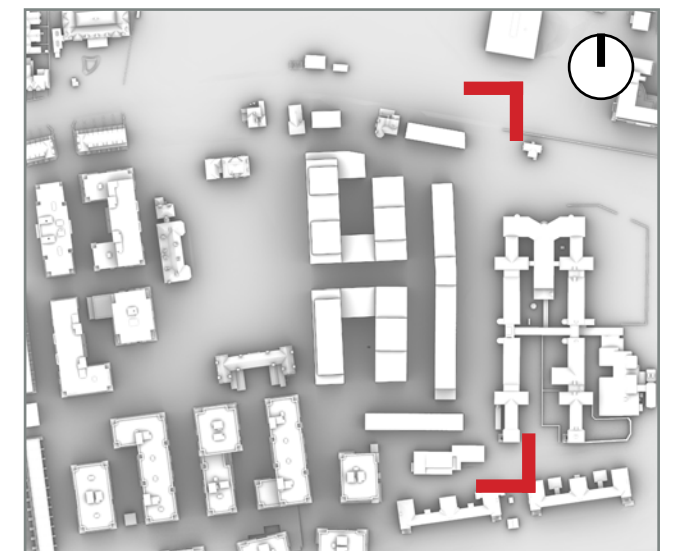


Fig. 8: Sunlight Potential (SE) - V2

SE parameters:
Latitude: 51.4N
Reveal angle: 24 deg



Site plan



Appendix 7

Results of the sunlight amenity (overshadowing) analysis (proposed spaces)



Fig. 1: BRE's Sun-on-Ground



Fig. 2: Sunlight Exposure

BRE's Sun-on-ground
Area seing at least
1.5 hours of sunlight

YES

NO

NORTH

* Sunlit Area = Area achieving at least 1.5 hours of sunlight on 21st March.

Zone Name	Area (m2)	Sunlit Area* (%)
A01	107.9	6.3
A02	176.8	5.7
A04	841.4	72.8
A05	269.1	75.2
A06	873.4	62.8
A07	279.1	83.0
A07	343.9	86.4
A08	472.5	57.7
A09	558.8	78.8
A10	420.5	97.4

Table 1: Results

Zone Name	Area (m2)	Sunlit Area* (%)
A14	286.0	85.9
A15	303.3	91.7
A16	325.6	69.8
A17	490.3	59.1
A18	245.6	52.8
A19	803.2	99.8
A20	195.2	89.6
A21	174.4	20.7
A22	109.5	39.1
A23	1,190.2	54.5
A24	906.2	96.6

Table 2: Results

Zone Name	Area (m2)	Sunlit Area* (%)
A25	1,910.8	76.6
A26	7,485.3	92.2
A29	378.1	93.1
A32	315.8	86.5
A34	5,164.7	99.8
Total		24,627.6 85.0

*Sunlit Area = Area receiving at least 1.5hrs. of sunlight on 21st March

Table 3: Results

Sunlight Exposure
Sunlight hours

1.5+

1.2

0.9

0.6

0.3

0.0



Fig. 3: BRE's Sun-on-Ground



Fig. 4: Sunlight Exposure

YES

BRE's Sun On Ground

Area seing at least two
hours of sunlight

NO

NORTH

* Sunlit Area = Area achieving at least 2.0 hours of sunlight on 21st March.

Zone Name	Area (m2)	Sunlit Area* (%)
A01	107.9	1.2
A02	176.8	0.3
A04	841.4	67.4
A05	269.1	33.3
A06	873.4	57.5
A07	279.1	73.5
A07	343.9	84.4
A08	472.5	55.6
A09	558.8	72.2
A10	420.5	71.6

Table 4: Results

Zone Name	Area (m2)	Sunlit Area* (%)
A14	286.0	68.3
A15	303.3	88.4
A16	325.6	59.7
A17	490.3	30.4
A18	245.6	39.9
A19	803.2	99.8
A20	195.2	86.3
A21	174.4	14.0
A22	109.5	27.8
A23	1,190.2	43.8
A24	906.2	91.9

Table 5: Results

Zone Name	Area (m2)	Sunlit Area* (%)
A25	1,910.8	55.6
A26	7,485.3	88.4
A29	378.1	91.0
A32	315.8	83.0
A34	5,164.7	99.8
Total	24,627.6	78.6

*Sunlit Area = Area receiving at least 2hrs. of sunlight on 21st March

Table 6: Results

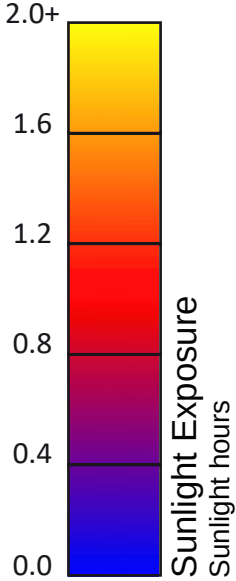
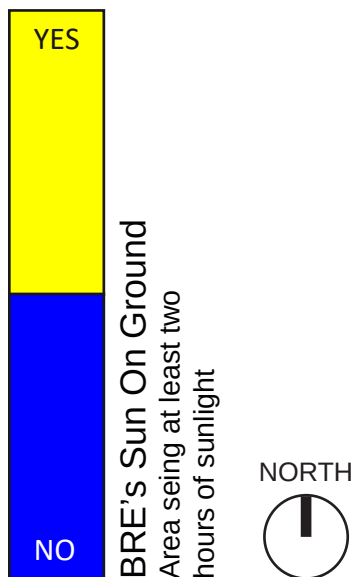




Fig. 5: BRE's Sun-on-Ground



Fig. 6: Sunlight Exposure



* Sunlit Area = Area achieving at least 2.0 hours of sunlight on 21st June.

Zone Name	Area (m2)	Sunlit Area* (%)
A01	107.9	85.9
A02	176.8	85.6
A04	841.4	93.5
A05	269.1	91.0
A06	873.4	88.5
A07	279.1	97.8
A07	343.9	100.0
A08	472.5	84.0
A09	558.8	99.1
A10	420.5	100.0

Table 7: Results

Zone Name	Area (m2)	Sunlit Area* (%)
A14	286.0	71.4
A15	303.3	100.0
A16	325.6	100.0
A17	490.3	92.3
A18	245.6	100.0
A19	803.2	100.0
A20	195.2	100.0
A21	174.4	100.0
A22	109.5	100.0
A23	1,190.2	84.4
A24	906.2	93.6

Table 8: Results

Zone Name	Area (m2)	Sunlit Area* (%)
A25	1,910.8	99.1
A26	7,485.3	99.0
A29	378.1	100.0
A32	315.8	99.4
A34	5,164.7	100.0
Total	24,627.6	96.9

*Sunlit Area = Area receiving at least 2hrs. of sunlight on 21st June

Table 9: Results

