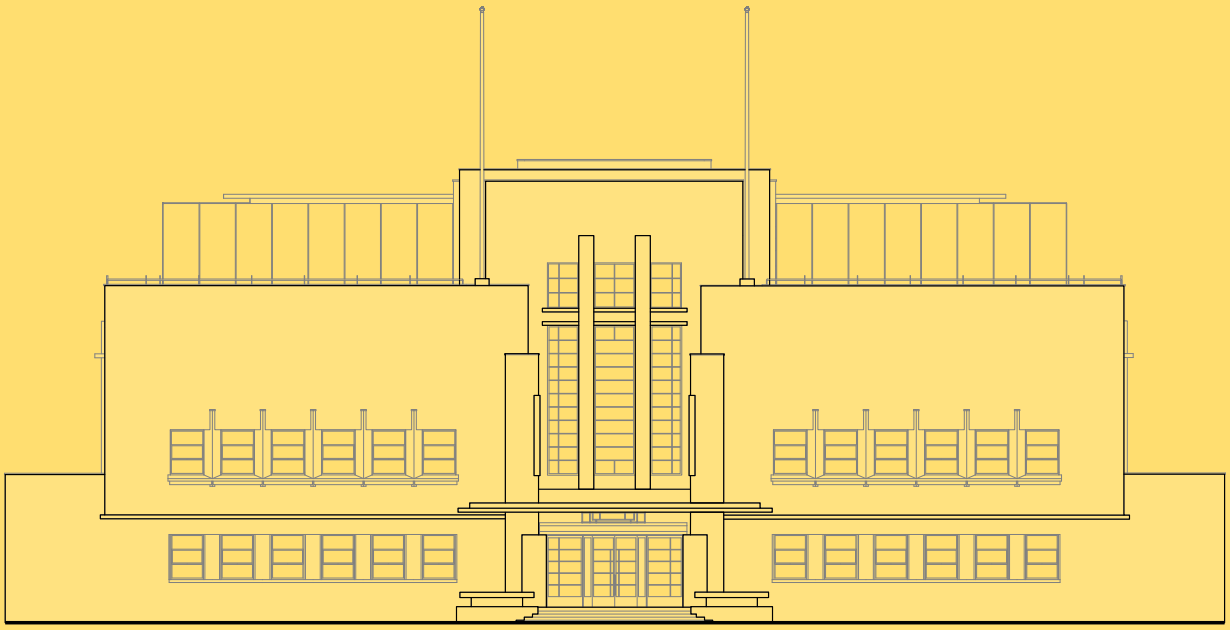

RAVENSCOURT PARK

FORMER ROYAL MASONIC HOSPITAL

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CONSIL

Daylight and
Sunlight Report

20 November 2023

CONSIL

DAYLIGHT AND SUNLIGHT REPORT

Ravenscourt Park Hospital
London
W6 0TW

Client
TT Group

Dated
20 November 2023

Prepared by
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CONTENTS

PAGE

Appendices

1 INSTRUCTIONS AND BRIEF

1.1 In accordance with your instructions, we have analysed the effect that the proposed development at Ravenscourt Park Hospital, London ('the development') will have on the daylight and sunlight amenity to the neighbouring properties.

1.2 We have also considered the potential for adequate light to be received to the proposed habitable rooms within the development.

1.3 We have received the following documents and used them in preparing this report:

- SPPARC: Proposed scheme drawings received on 4 and 13 October 2023;
- Laser Surveys Limited: 3D survey model of the existing site and surrounding buildings received on 17 January 2023.

1.4 Our study has been undertaken by preparing a three-dimensional computer model of the site and surrounding buildings and analysing the daylight and sunlight levels received by the neighbouring buildings and within the development using our bespoke software. Our assessment is based on a visual inspection, the information detailed above and estimates of relevant distances, dimensions and levels which are as accurate as the circumstances allow.

2 THE DEVELOPMENT SITE

2.1 The site is located to the west of Ravenscourt Park and the neighbouring residential properties include houses on Ravenscourt Square, Ravenscourt Gardens and Ravenscourt Park. Chiswick Nursing Centre is located immediately west of the site.

2.2 The proposed scheme comprises the restoration and conversion of the former Royal Masonic Hospital, including extensions to some of the existing buildings and the redevelopment of others to provide a residential led scheme.

2.3 Our 3D model of the surrounding buildings, existing site and proposed development are shown in Image 1 and 2 overleaf.

Image 1: 3D view of the site

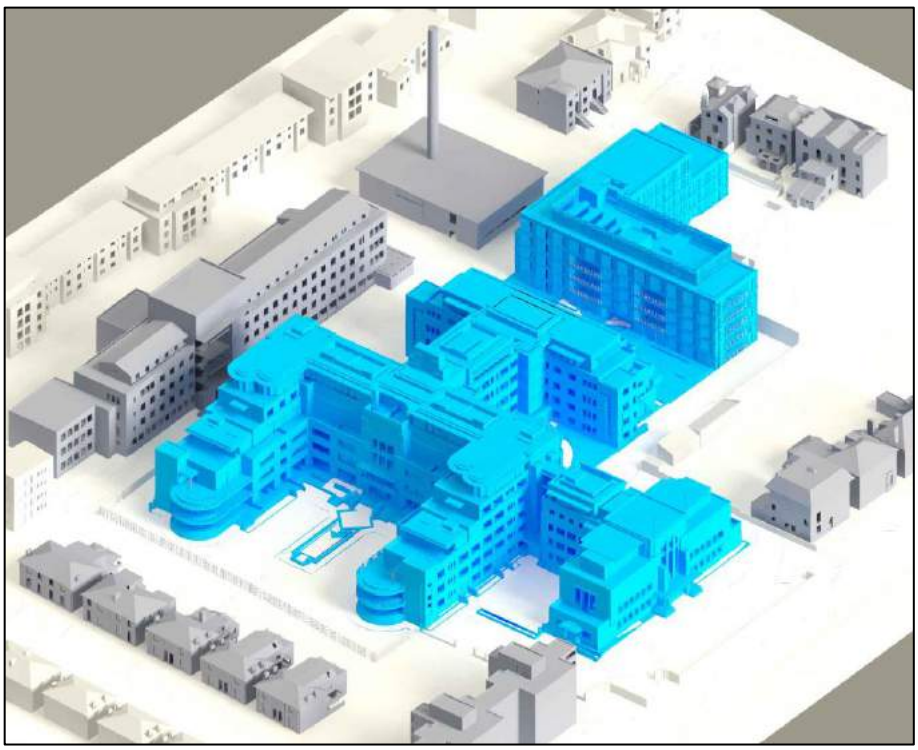


Image 2: 3D view of the development

3 PLANNING POLICY

3.1 National Policy

3.1.1 The revised National Planning Policy Framework ('NPPF') 2023 addresses the need for the flexible application of guidance relating to daylight and sunlight under Section 11 'Making effective use of land'. Paragraph 125(c) under subsection "*Achieving appropriate densities"* states the following;

"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)."

3.2 Regional Policy – Greater London Authority

3.2.1 Paragraph D of Policy D6 'Housing Quality and Standard' of The London Plan (2021) states the following in respect of daylight and sunlight amenity:

"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."

3.2.2 This echoes The Mayor's 2016 Housing SPG with a move away from the rigid application of the standard numerical values provided in the BRE Report "Site Layout Planning for Daylight and Sunlight: A Guide to Good Practice" 2011. It is useful to further consider the guidance given in the Housing SPG which states the following:

"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"

"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."

3.2.3 The London Plan notes that the Mayor intends to produce a single guidance document which clearly sets out the standards which need to be met in order to implement Policy D6 Housing Quality and

Standards for all housing tenures, as well as wider qualitative aspects of housing developments. This will include guidance on daylight and sunlight standards and will build on the guidance set out in the 2016 Housing SPG.

3.3 Policy at national or regional level does not provide further detail in relation to daylight and sunlight amenity, whereas Local policy is more specific, as detailed below.

3.4 Local Policy – London Borough of Hammersmith and Fulham

3.4.1 Policy HO11: *'Detailed Residential Standards'* of Hammersmith and Fulham's Local Plan (adopted February 2018) states the following in relation to daylight and sunlight amenity;

"The council will ensure that the design and quality of all new housing, including new build, conversions and change of use, is of a high standard and that developments provide housing that will meet the needs of future occupants and respect the principles of good neighbourliness.

To achieve a high standard of design, the following considerations will be taken into account:

k. protection of existing residential amenities, including issues such as loss of daylight, sunlight, privacy and outlook"

4 BRE REPORT "SITE LAYOUT PLANNING FOR DAYLIGHT AND SUNLIGHT: A GUIDE TO GOOD PRACTICE" (2022) ('THE BRE GUIDELINES')

4.1 Principles

4.1.1 The BRE guidelines were updated in June 2022, with the 2011 version now withdrawn. Appendix A of this report provides an explanatory note which summarises the guidance provided by the BRE.

4.1.2 It is important to note that the introduction to the report stresses that the document is provided for guidance purposes only and it is not intended to be interpreted as a strict set of rules. It states that:

"The advice given here is not mandatory and this document should not be seen as an instrument of planning policy; Its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly because natural lighting is only one of many factors in site layout design. (para. 1.6)

"In special circumstances the Developer or Planning Authority may wish to use different target values." (para. 1.6)

"Note that numerical values given here are purely advisory. Different criteria may be used, based upon the requirements for daylighting in an area viewed against other site layout constraints. Another important issue is whether the existing building is itself a good neighbour, standing a reasonable distance from the boundary and taking no more than its fair share of light". (para. 2.2.3)

4.1.3 The BRE guidelines should be used in conjunction with the interior daylighting recommendations in BS EN 17037 *"Daylight in buildings"* and the CIBSE publication LG10 *"Daylighting – a guide for designers"*.

4.2 Glossary of Terms

4.2.1 Below is a simplified glossary of the daylight and sunlight terminology referred to in this report. Appendix A contains a technical glossary, together with a summary of the recommendations provided by the BRE:

4.2.2 **Vertical Sky Component ('VSC')** – the proportion of the sky dome that can be seen from a point in the centre of a window; the maximum VSC achievable from an unobstructed view from a vertical window is nearly 40%.

4.2.3 **No Sky Line ('NSL')** – the area of the working plane in a room that can and cannot receive direct skylight. This test is sometimes termed daylight distribution.

4.2.4 **Annual Probable Sunlight Hours ('APSH')** – the total number of hours in the year that the sun is expected to shine on a window, allowing for average levels of cloudiness.

4.2.5 **Illuminance** – the median lux received to assessment points across a room over a typical year;

4.2.6 **Sunlight Exposure ('SE')** – the total number of hours on 21 March that sunlight is expected to shine on a window.

4.2.7 **Sun Hours on Ground ('SOG')** – the total number of hours on a specific date that the sun could shine on the ground, assuming a cloudless sky. Usually assessed on 21 March.

5 ASSESSMENT OF SURROUNDING PROPERTIES

5.1 We have analysed the effect of the development on the daylight and sunlight amenity to the properties with a reasonable expectation of daylight and sunlight amenity situated around the site. Properties further afield would comply with the preliminary 25-degree line test and therefore do not require detailed assessment as the daylight and sunlight amenity to them would not be adversely affected.

5.2 The full list of assessed properties is as follows and the locations of these buildings, including the locations of the tested windows and rooms, are shown on the drawings in Appendix B. The results spreadsheet for the neighbouring buildings can be found in Appendix C:

1. 20 to 23 Ravenscourt Park;
2. Westside, Ravenscourt Park;
3. 31 to 49 Ravenscourt Gardens (odd numbers);
4. Chiswick Nursing Centre, Ravenscourt Gardens;
5. 20-26 Ravenscourt Square;
6. 9 to 17 Ravenscourt Square (odd numbers).

5.3 The results of our assessment are set out below on a property-by-property basis.

5.4 <u>20 to 23 Ravenscourt Park</u>

Image: 04
Location: East of the development.
Description: Two detached houses and two semi-detached houses.

5.4.1 Partial floor plans for 20 and 21 Ravenscourt Park have been obtained from Hammersmith and Fulham's online planning database and have been used to model the internal arrangements within these houses. In order to assess NSL to 22 and 23 Ravenscourt Park, reasonable assumptions have been made as to the internal arrangements.

5.4.2 The analysis results show that all the windows assessed to these houses would comply with the BRE guidelines using the VSC test.

5.4.3 Analysis using the NSL test shows that all the rooms in 20, 21, 22 and 23 Ravenscourt Park would also comply with the BRE guidelines.

5.4.4 Turning to sunlight amenity, all the windows orientated within 90-degrees of due south would comply with the BRE guidelines for both annual and winter sunlight.

5.4.5 Overshadowing has also been assessed to the four gardens and each would comply with the BRE guidelines using the SOG test.

5.5 Westside, Ravenscourt Park

Image: 05

Location: South-east of the development.

Description: Five storey building containing flats.

5.5.1 Floor plans for these apartments have been obtained from Hammersmith and Fulham's online planning database and have been used to model the rooms.. Analysis has been undertaken for the windows and rooms closest to the site at each floor level.

5.5.2 All the windows and rooms assessed would comply with the BRE guidelines using both the VSC and NSL tests and, accordingly, the development will have an acceptable effect on daylight amenity.

5.5.3 Likewise, all the windows orientated within 90-degrees of due south will comply with the BRE guidelines for both annual and winter sunlight.

5.6 31 to 49 Ravenscourt Gardens

Image: 05
Location: South of the development.
Description: Semi-detached houses.

5.6.1 We have obtained floor plans for all these houses either from Hammersmith and Fulham's online planning database or from property comparison websites such as Rightmove. These have been used to assess NSL within the houses. The windows facing the site are all orientated in a northerly direction and therefore, in accordance with BRE guidelines, APSH has not been assessed as sunlight will not be adversely affected by the development.

5.6.2 The assessment results show that all the windows and rooms assessed will comply with the BRE guidelines for daylight amenity. The development will therefore have an acceptable effect on daylight amenity to these houses.

5.7 Chiswick Nursing Centre, Ravenscourt Gardens

Image: 05
Location: West of the development.
Description: Five storey nursing home.

5.7.1 Floor plans for this property have from Hammersmith and Fulham's online planning database and have been used to assess NSL.

5.7.2 The analysis results show that all the windows and rooms assessed would comply with the BRE guidelines for both daylight and sunlight amenity. Accordingly, the development would have an acceptable effect on daylight and sunlight amenity to this property.

5.8 20-26 Ravenscourt Square

Image: 05

Location: West of the development.

Description: Detached building containing four apartments.

5.8.1 Reasonable assumptions have been made to model the internal arrangements within this building. Based on external inspection, it appears that the windows to habitable rooms serve six bedrooms.

5.8.2 The analysis results show full compliance with the BRE guidelines using the VSC, NSL and APSH tests, as such the development will have an acceptable effect on this building.

5.9 9 to 17 Ravenscourt Square

Image: 05

Location: North of the development.

Description: Two detached houses and two semi-detached houses.

5.9.1 We have obtained floor plans for all these houses either from Hammersmith and Fulham's online planning database or from property comparison websites such as Rightmove. These have been used to assess NSL within the houses.

5.9.2 All of the windows and rooms would comply with the BRE guidelines using the VSC, NSL and APSH tests, accordingly, the development would have an acceptable effect on daylight and sunlight amenity to these houses.

5.9.3 Overshadowing has also been assessed to the four rear gardens using the SOG test and each garden would comply with the BRE guidelines, with the results showing small improvements in sunlight amenity owing to the fact that the existing building is closer to these gardens than the development.

6 LIGHT LEVELS WITHIN THE PROPOSED SCHEME

6.1 We have analysed the daylight and sunlight availability to the proposed habitable rooms within the development and the results are set out below. The illuminance results, along with the location of the tested rooms and window references are shown on the drawing in Appendix D. The illuminance and sunlight exposure results spreadsheet are also included in Appendix E.

6.2 Consil have been involved throughout the design process in order to ensure that adequate levels of daylight and sunlight amenity can be achieved within the scheme. As you would expect on a scheme of this nature, there will be areas where daylight and sunlight amenity are restricted, particularly within the listed building where the window positions and sizes cannot be altered. Whilst daylight and sunlight levels could be improved by altering the position and sizes of the windows, the buildings Grade II* status must be prioritised. As outlined in the NPPF, guidance relating to daylight and sunlight amenity needs to be considered flexibly and balanced against other planning considerations, including heritage considerations and benefits that the scheme provides.

6.3 Daylight

6.3.1 We have assessed daylight amenity using the illuminance methodology described in the appended explanatory note. As explained in more detail in the explanatory note, the BRE give illuminance recommendations of 100 lux in bedrooms, 150 lux in living rooms and 200 lux in kitchens. In multi-use rooms, such as the proposed living/kitchen/dining rooms (LKDs) and kitchen/dining rooms (LDs), the target value for living rooms can be used.

6.3.2 It is recommended that at least 50% of a room should exceed the recommended lux, for 50% of the total daylight hours in a year, for its use.

6.3.3 The analysis results show that, overall, 418 of the 458 rooms assessed (91%) would comply with the guidance for daylight amenity, this includes 119 of the 149 LKDs, KDs and lounges (80%) and 299 of the 309 bedrooms (97%).

6.3.4 In Block E, which comprises a new building, 131 of the 133 rooms tested (98%) of the rooms would comply with the BRE guidelines using the illuminance test. The two rooms not meeting the guidelines are a lounge and a kitchen/dining room and would achieve median illuminance of 114 and 115 lux, compared to the 150 lux recommendation.

6.3.5 Blocks B, C and D comprise areas of the existing Grade II* listed building that are being converted and extended. Across these three Blocks, 287 of the 325 rooms (88%) of the rooms assessed would comply with the BRE guidelines using the illuminance test. This is considered a high level of compliance, particularly given the fact that the design of the building, in particularly the external design features including the size of the windows, cannot be altered.

6.3.6 The majority of rooms in Blocks B, C and D not meeting the numerical guidance recommended by the BRE are large LKDs, these rooms have been designed so that the living area is located closest to the windows, with the kitchens towards the rear of the room and designed to be predominantly artificially lit.

6.3.7 The illuminance drawings in Appendix D illustrate the daylight levels throughout the room and demonstrate that all the living areas would receive high levels of daylight. Image 6 below shows the illuminance result for one of the more poorly performing LKDs in the scheme. The area receiving higher levels of daylight are shaded yellow, orange and red with the areas where daylight is restricted shaded blue.

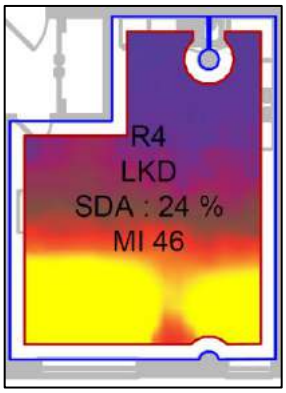


Image 6: Illustration of illuminance result in ground floor room R4 (Block D).

6.3.8 As can be seen from the example above, the living area, located adjacent to the windows, would receive high levels of daylight amenity with the kitchen at the rear of the room receiving lower levels. The kitchen area has been designed to be predominantly artificially lit and it is considered more desirable for future occupiers to provide large open plan LKDs rather than provide separate kitchens not served by a window.

6.3.9 An alternative way to achieve the BRE recommendation would be to compartmentalise the LKDs to reduce the sizes of the rooms. This would artificially increase the overall level of daylight to the room, but the resultant layout would then impact on internal living conditions.

6.3.10 In summary, the analysis results show that adequate levels of daylight amenity would be received within the proposed habitable rooms, with the vast majority of living areas and bedrooms receiving good levels of daylight amenity. Where daylight is restricted, this is predominantly to kitchen areas at the rear of the large LKDs, which are designed to be predominantly artificially lit and the main living spaces will receive high levels of daylight. The vast majority of the rooms not complying with the numerical guidelines are located in the Grade II* listed building, where the window positions and sizes cannot be altered.

6.4 Sunlight

6.4.1 In new buildings, the BRE recommends calculating the Sunlight Exposure to assess whether a dwelling will appear reasonably sunlit. This test measures the hours of sunlight that could be received at the centre point of each window on 21 March. In housing, the main requirement for sunlight is in living rooms. It is viewed as less important in kitchens and bedrooms.

6.4.2 The BRE guidelines recommend that:

- Site layout design aims to ensure that at least one main window wall faces within 90-degrees of due south.
- That a habitable room, preferably a main living room, can receive a total of at least 1.5 hours of sunlight on 21 March.
- Where groups of dwellings are planned, site layout design should aim to maximise the number of dwellings that meet the above recommendations.

6.4.3 As highlighted in the BRE guidelines, designers should aim to maximise the number of dwellings that meet the recommendations for sunlight amenity, however, it is widely accepted that not all new dwellings will meet the guidance and those served by windows facing north would not be expected to receive sunlight amenity.

6.4.4 There are 227 rooms in the scheme, including 81 LKDs, KDs or lounges and 146 bedrooms, served by windows orientated within 90-degrees of due south and the analysis shows that 194 of these (85%) would receive at least 1.5 hours of sunlight on 21 March.

6.4.5 In Block E, 88% of the rooms served by at least one window orientated in a southerly direction would comply with the BRE guidelines using the SE test. Where the numerical guidelines is not met, the vast majority of rooms are served by windows facing in a predominantly easterly or westerly direction, meaning they receive sunlight when the sun is lower in the sky and more easily obstructed.

6.4.6 These results demonstrate a high level of compliance and the future occupiers will therefore receive acceptable levels of sunlight.

6.5 Overshadowing

6.5.1 Overshadowing to the communal external amenity areas has been assessed using the SOG test. It is recommended that at least half of an external amenity space receives 2 hours of direct sunlight on 21 March. Sunlight can also be measured on 21 June, showing the minimum shadow.

6.5.2 The analysis results show that three of the five areas would comply with the BRE guidelines, including the two areas to the south of Blocks A and B and the area between Block D and Block E. The amenity area to the north of Block E would receive at least 2 hours of direct sunlight to 31% of the area, compared to the 50% recommendation. Sunlight would be restricted to the amenity space immediately north of Block B, however, as evidenced by the results to other amenity spaces, the future residents would all have access to adequately sun-lit external amenity spaces year-round.

6.5.3 As evidenced by alternative analysis on 21 June, all five amenity spaces would receive high levels of sunlight during the summer months, when they are likely to be more frequently used.

7 CONCLUSION

7.1 Effect on Neighbouring Residential Properties

7.1.1 Our analysis has considered the effect that the development would have on daylight and sunlight amenity to the neighbouring properties.

7.1.2 The analysis results show that all the windows serving the neighbouring properties will comply with the BRE guidelines using the VSC test. Likewise, all assessed rooms would also comply with the guidelines using the NSL test.

7.1.3 All of the windows orientated within 90-degrees of due south would comply with the BRE guidelines using the APSH test.

7.1.4 In accordance with the NPPF, Hammersmith and Fulham's planning policy and BRE guidance, the analysis results demonstrate that the development would have an acceptable effect on daylight and sunlight amenity to the neighbouring residential properties.

7.2 Light Received within the Development

7.2.1 Our analysis shows that 91% of the rooms assessed would meet or exceed the guideline values given by the BRE for daylight amenity. The results demonstrate that adequate levels of daylight amenity would be received to the vast majority of living areas and bedrooms receiving good levels of daylight amenity. Where daylight is restricted, this is predominantly to kitchen areas at the rear of the large LKDs in Blocks B, C and D, which are designed to be predominantly artificially lit and the main habitable spaces will receive high levels of daylight. Whilst daylight and sunlight levels could

be improved by altering the position and sizes of the windows in Blocks B, C and D, the buildings Grade II* status must be prioritised. As outlined in the NPPF, guidance relating to daylight and sunlight amenity needs to be considered flexibly and balanced against other planning considerations, including heritage considerations and benefits that the scheme provides.

7.2.2 The sunlight assessment shows that 85% of the rooms served by a window orientated within 90-degrees of due south would meet the guidelines given by the BRE, this is considered to represent a high level of compliance. Likewise, the overshadowing assessment demonstrates that the residents will have access to well sun-lit external communal areas year round.

7.2.3 In summary, the daylight and sunlight assessments demonstrate that the proposed habitable rooms within the development will receive adequate levels of daylight and sunlight amenity, in compliance with national and local planning policy.

APPENDIX A

BRE REPORT EXPLANATORY NOTE

BRE REPORT "SITE LAYOUT PLANNING FOR DAYLIGHT AND SUNLIGHT, A GUIDE TO GOOD PRACTICE" (2022) - EXPLANATORY NOTE AND METHODOLOGY

The 2022 edition of the BRE Report took effect in June 2022 and superseded the 2011 version. The below note summarises the recommended assessment methodologies, guidance and advice within the BRE Report, in conjunction with other key guidance documents that can be used for assessing the acceptability of developments in terms of any impact on daylight and sunlight to surrounding buildings.

Introduction

It is important to note that the introduction to the BRE Report stresses that the document is provided for guidance purposes only and it is not intended to be interpreted as a strict set of rules. It also suggests that it may be appropriate to adopt a flexible approach and alternative target values in dealing with *"special circumstances"* 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."* This is amplified by the following extracts from the introduction and Section 2.2:

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

"In special circumstances the Developer or Planning Authority may wish to use different target values."

"Note that numerical values given here are purely advisory. Different criteria may be used, based upon the requirements for daylighting in an area viewed against other site layout constraints. Another important issue is whether the existing building is itself a good neighbour, standing a reasonable distance from the boundary and taking no more than its fair share of light".

The examples given in the BRE Report can be applied to any part of the country: suburban, urban and rural areas. The inflexible application of the target values given in the Report may make reaching the BRE criteria difficult in a tight, urban environment where there is unlikely to be the same expectation of daylight and sunlight amenity as in a suburban or rural environment.

Daylight

In summary, the BRE Report states that:

"If any part of a new building or extension, measured in a vertical section perpendicular to a main window wall of an existing building from the centre of the lowest window, subtends an angle of more than 25 degrees to the horizontal, then the diffuse daylighting of the existing building may be adversely affected. This will be the case if either:

the vertical sky component ['VSC'] measured at the centre of an existing main window is less than 27%, and less than 0.8 times its former value;

the area of the working plane (0.85m above floor level in residential properties) in a room which can receive direct skylight is reduced to less than 0.8 times it former value.

The guidelines given here are intended for use for rooms in adjoining dwellings where daylight is required including living rooms, kitchens and bedrooms. Windows to bathrooms, toilets, store rooms, circulation areas and garages need not be analysed. The guidelines may also be applied to any existing non-domestic building where the occupants have a reasonable expectation of daylight; this would normally include, schools, hospitals, hotels and hostels, small workshops and some offices."

The Report also states that:

"Where room layouts are known, the impact on the daylighting distribution in the existing building can be found by plotting the 'no-sky line' in each of the main rooms. For houses this would include living rooms, dining rooms and kitchens; bedrooms should also be analysed, although they are less important. In non-domestic buildings each main room where daylight is expected should be investigated."

…Windows to bathrooms, toilets, store rooms, circulation areas and garages need not be analysed."

Guidance has been provided in the Second Edition of the report in relation to existing windows with balconies:

"Existing windows with balconies above them typically receive less daylight. Because the balcony cuts out light from the top part of the sky, even a modest obstruction may result in a large relative impact on the VSC, and on the area receiving direct skylight. One way to demonstrate this would be to carry out an additional calculation of the VSC and area receiving direct skylight, for both the existing and proposed situations, without the balcony in place. For example, if the proposed VSC with the balcony was under 0.8 times the existing value with the balcony, but the same ratio for the values without the balcony was well over 0.8, this would show that the presence of the balcony, rather than the size of the new obstruction, was the main factor in the relative loss of light."

A larger relative reduction in VSC may also be unavoidable if the existing window has projecting wings on one or both sides of it, or is recessed into the building so that it is obstructed on both sides as well as above."

Further guidance is provided in Appendix F on alternative target values when considering the loss of light to an existing building. F1 states the following:

"These values are purely advisory and different targets may be used based on the special requirements of the proposed development or its location. Such alternative targets may be generated from the layout dimensions of existing development"

Sunlight

The BRE Report advises that new development should take care to safeguard access to sunlight for existing buildings and any non-domestic buildings where there is a particular requirement for sunlight. In summary, the report states:

"If a living room of an existing dwelling has a main window facing within 90 degrees of due south, and any part of a new development subtends an angle of more than 25 degrees to the horizontal measured from the centre of the window in a vertical section perpendicular to the window, then the sunlighting of the existing dwelling may be adversely affected. This will be the case if the centre of the window:

- *receives less than 25% of annual probable sunlight hours, or less than 5% of annual probable sunlight hours between 21 September and 21 March and*
- *receives less than 0.8 times its former sunlight hours during either period and*
- *has a reduction in sunlight over the whole year greater than 4% of annual probable sunlight hours"*

The report also states that:

"…It is suggested that all main living rooms of dwellings, and conservatories, should be checked if they have a window facing within ninety-degrees of due south. Kitchens and bedrooms are less important, although care should be taken not to block too much sun. In non-domestic buildings any spaces which are deemed to have a special requirement for sunlight should be checked; they will normally face within ninety-degrees of due south anyway."

Overshadowing

Section 3.3 of the BRE Report gives guidelines for protecting the sunlight to open spaces where it will be required. This would normally include:

- Gardens, usually the main back garden of a house and allotments;
- Parks and playing fields;
- Children's playgrounds;
- Outdoor swimming pools and paddling pools;
- Sitting out areas such as those between non-domestic buildings and in public squares; and
- Focal points for views such as a group of monuments or fountains.

In summary, the Report states that:

"It is recommended that for it to appear adequately sunlit throughout the year, at least half of a garden or amenity area should receive at least 2 hours of sunlight on 21 March. If as a result of new development an existing garden or amenity area does not meet the above, and the area which can receive 2 hours of sun on 21 March is less than 0.8 times its former value, then the loss of sunlight is likely to be noticeable. If a detailed calculation cannot be carried out, it is recommended that the centre of the area should receive at least 2 hours of sunlight on 21 March."

New Buildings

In relation to new buildings, the assessment methodology within the 2011 Edition has been withdrawn. The BRE Report has replaced the way in which we assess both daylight and sunlight amenity to new buildings.

Daylight

The BRE Report now states that: *"To check that adequate daylight is provided in new rooms, daylight factor or interior illuminance may be calculated and compared with the recommendations in BS EN 17037 Daylight in buildings."*

BS EN 17037 provides two methodologies. One is based on target illuminances from daylight to be achieved over specified fractions of the reference plane (a plane at table top height covering the room) for at least half of the daylight hours in a typical year. The other, alternative, method is based on calculating the daylight factors achieved over specified fractions of the reference plane.

Illuminance (SDA)

This method involves using climatic data for the location of the site to calculate the illuminance (lux) from daylight at each point on an assessment grid (300mm x 300mm, excluding a 300mm band from the walls) on the reference plane at an at least hourly interval for a typical year.

The UK National Annex gives illuminance recommendations of:

- 100 lux in bedrooms;
- 150 lux in living rooms; and
- 200 lux in kitchens.

Where a room has a shared use, the highest target should apply. Although, 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.

These are the median illuminances, to be exceeded over at least 50% of the assessment points in the room for at least half of the daylight hours.

When calculating illuminance, factors such as the light transmittance and ratio of window frame to glass should be considered, together with the reflectance level of internal and external surfaces and allowances for dirt build up on the window.

Daylight Factor

The daylight factor is the illuminance at a point on the reference plane in a space, divided by the illuminance on an unobstructed horizontal surface outdoors. The CIE standard overcast sky is used, rather than climatic data, thus the assessment is independent of building orientation. Similar to the illuminance methodology, a 300mm x 300mm grid is used with a 300mm band from the edge of the walls and at least 50% of the assessment grid should achieve the target daylight factors.

The UK National Annex gives daylight recommendations of:

- 0.7% Daylight Factors for Bedrooms
- 1.1% Daylight Factors for Living Rooms
- 1.4% Daylight Factors for Kitchens

Similar to the illuminance methodology, internal and external reflectance values and glazing transmission needs to be taken into account. With the exception of living/kitchen/dining rooms, where a room has a dual use, the higher target should be applied.

Sunlight

Sunlight Exposure (SE)

The BRE Report no longer recommends the use of the APSH assessment to assess sunlight potential in new dwellings. The BRE Report concludes that a dwelling will appear reasonably sunlit provided the following criteria are met:

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

Analysis Factors Applied

The following criteria have been applied for the daylight assessment:

- Glazing Transmittance:
    - Double Glazing: 0.68;
- Maintenance Factor:
    - Obstructed Windows (Beneath Balconies): 0.76;
    - Unobstructed Windows: 0.92;
- Frame to Glazing Ratio:
    - Bespoke to Window;
- Internal Reflectance Values:
    - Walls: 0.8;
    - Floors: 0.4;
    - Ceilings: 0.8;

APPENDIX B

DRAWINGS FOR SURROUNDING PROPERTIES

DO NOT SCALE

SOURCES OF INFORMATION:
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY
- Existing buildings
- Analysed properties
- Surrounding buildings

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

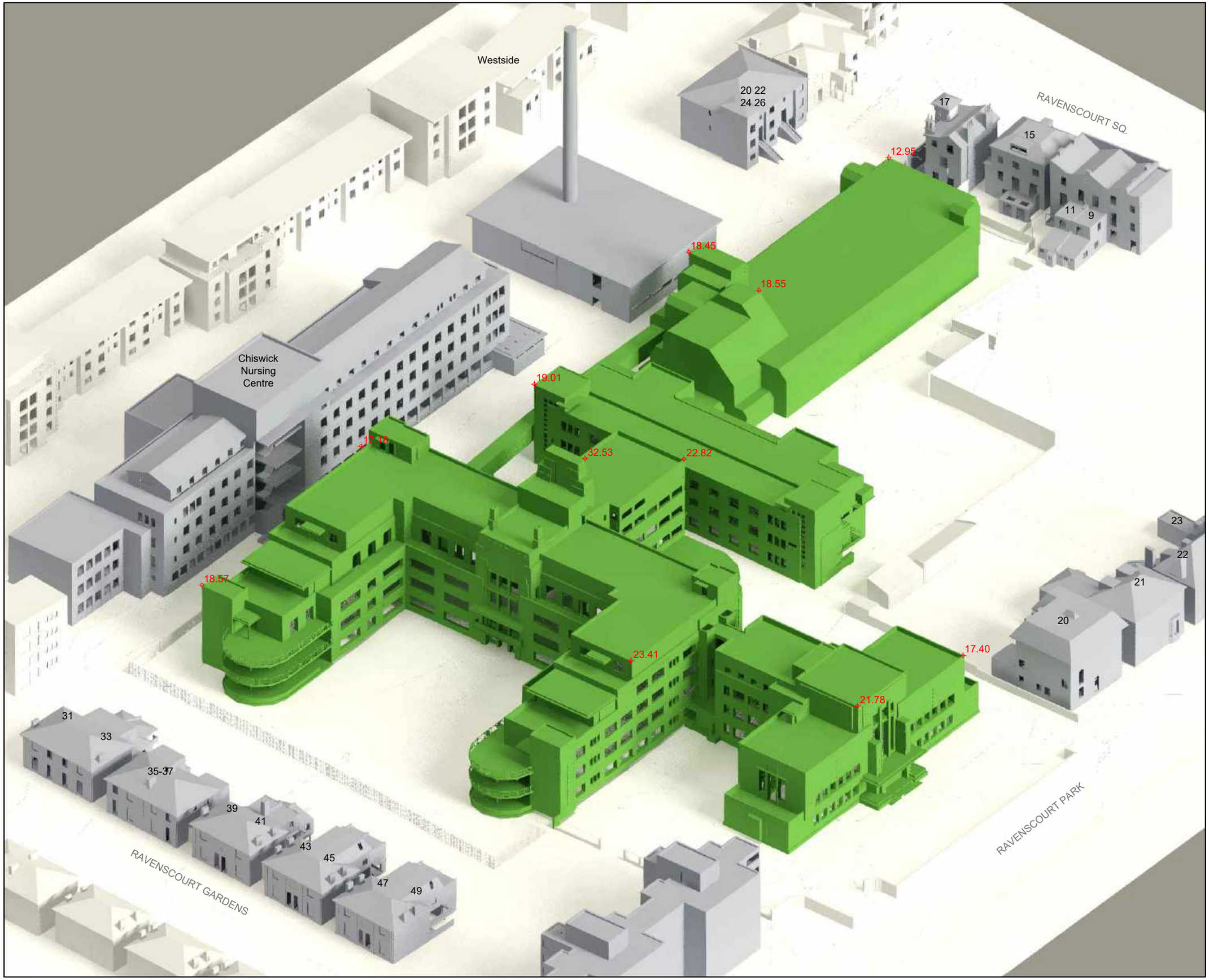
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Existing plan view

SCALE	DATE
[Not to Scale]	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 011	

CONSIL



DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY

- Existing buildings
- Analysed properties
- Surrounding buildings

Ordnance Datum Heights

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

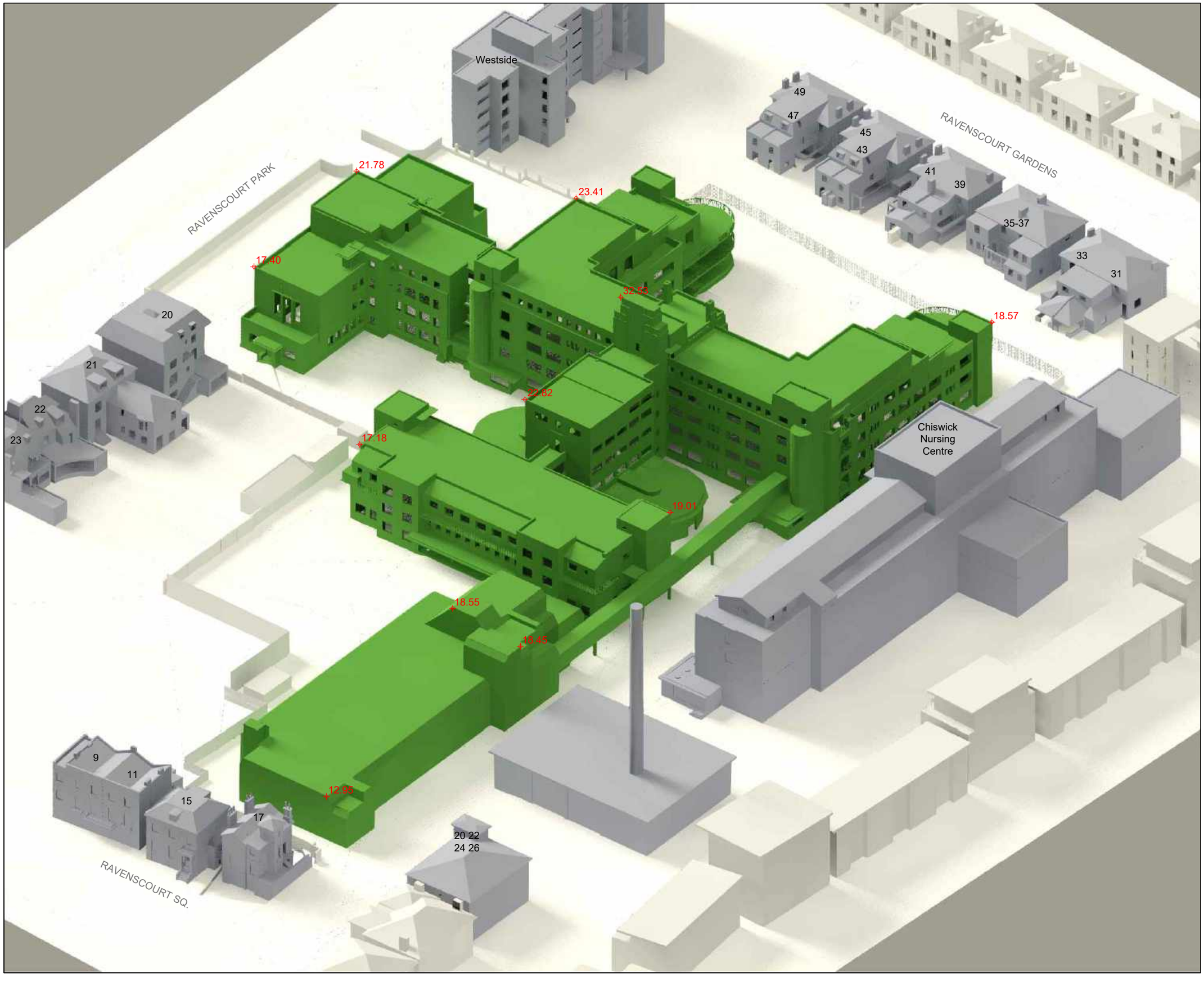
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Existing 3D view

SCALE	DATE
Not to Scale	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 012	

CONSIL



DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY

- Existing buildings
- Analysed properties
- Surrounding buildings

Ordnance Datum Heights

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Existing 3D view

SCALE	DATE
Not to Scale	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 013	

CONSIL

DO NOT SCALE

SOURCES OF INFORMATION:
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY
- Proposed buildings
- Analysed properties
- Surrounding buildings

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

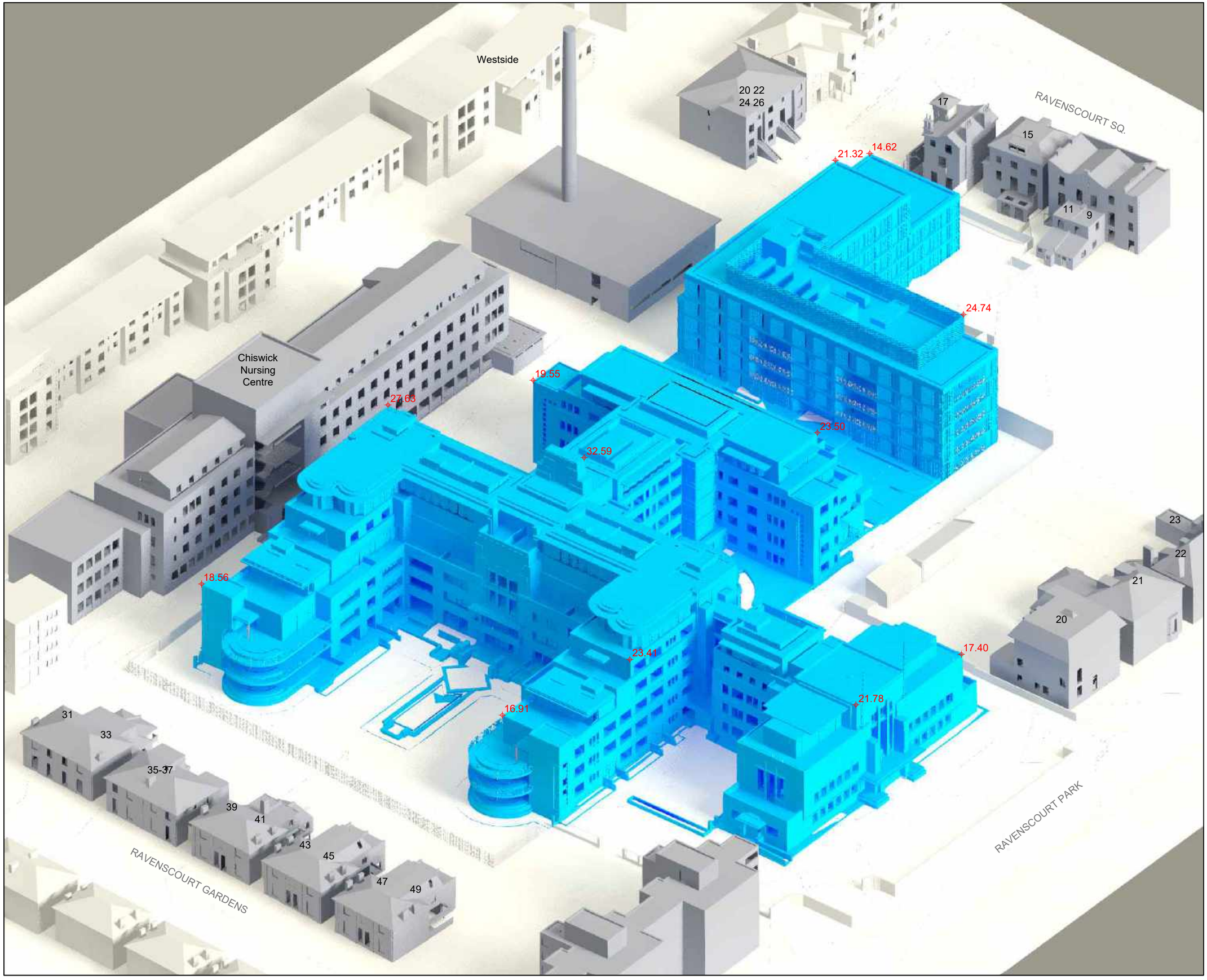
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Proposed plan view

SCALE	DATE
[Not to Scale]	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 014	

CONSIL



DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY

- Proposed buildings
- Analysed properties
- Surrounding buildings

Ordnance Datum Heights

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

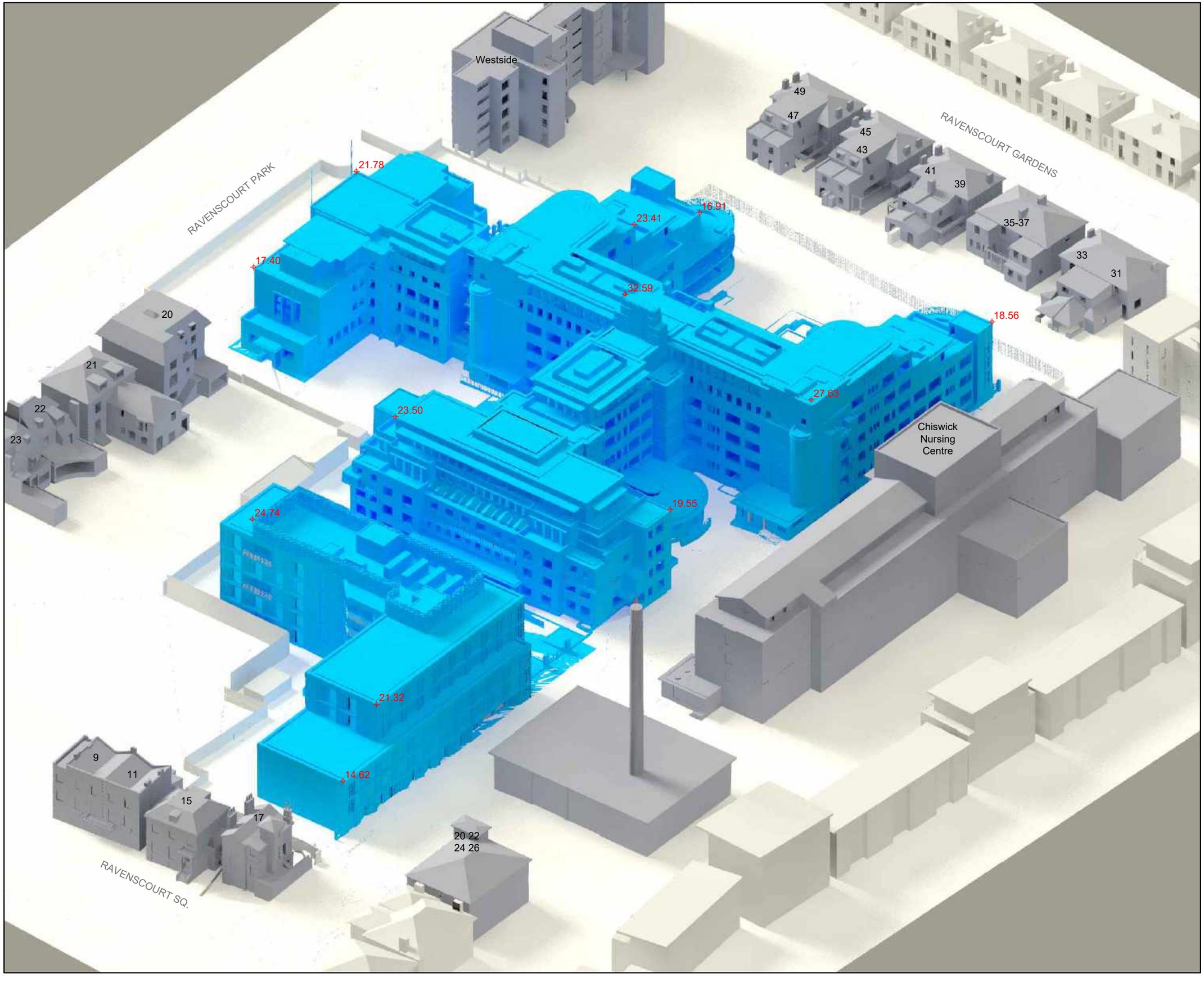
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Proposed 3D view

SCALE	DATE
Not to Scale	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 015	

CONSIL



DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY

- Proposed buildings
- Analysed properties
- Surrounding buildings

Ordnance Datum Heights

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Proposed 3D view

SCALE	DATE
Not to Scale	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 016	

CONSIL

Ground Floor

First Floor

DO NOT SCALE

SOURCES OF INFORMATION:
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY
- R1 — Room area
- Existing no-skyline
- Proposed no-skyline
- Area of loss / gain

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

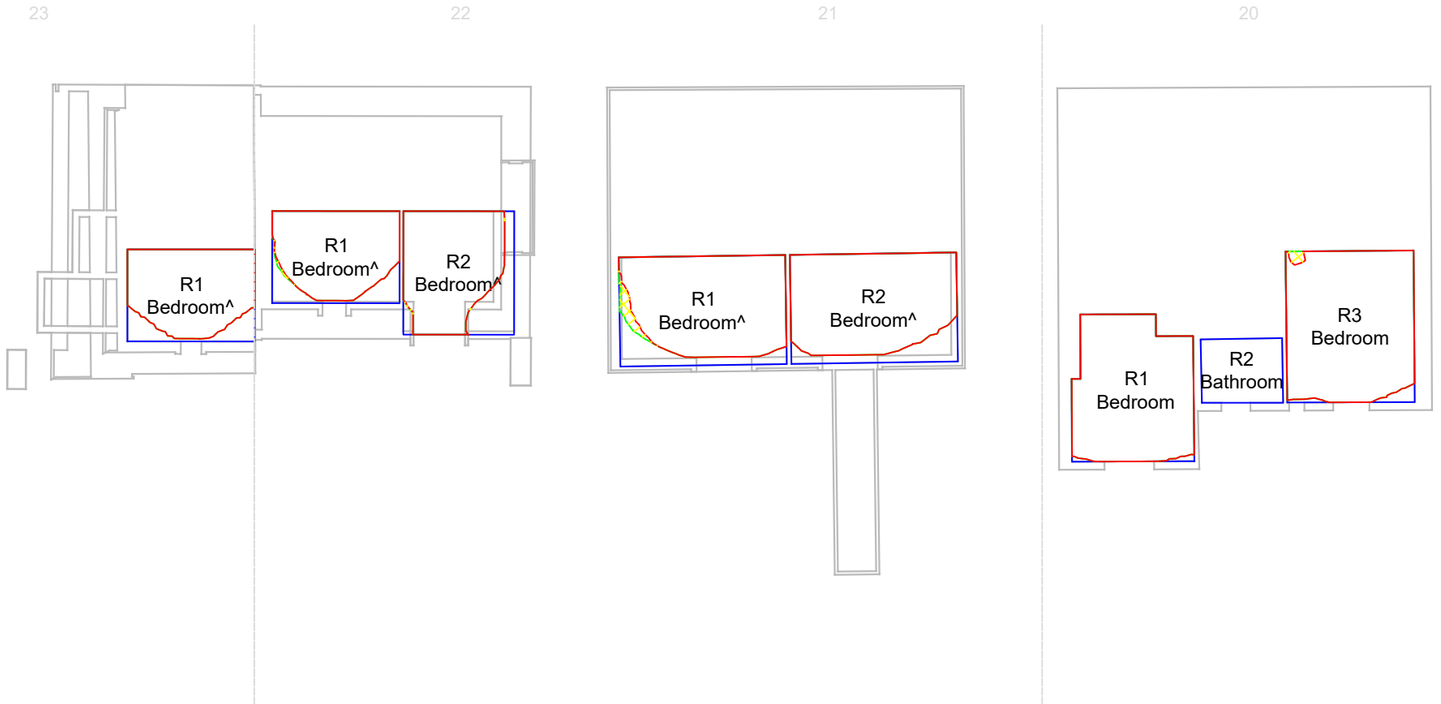
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Daylight Distribution contours
20-23 Ravenscourt Park

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S/3/ 201	

CONSIL



Second Floor

Third Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

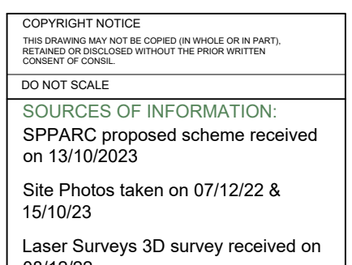
KEY

R1 Room area

Existing no-skyline

Proposed no-skyline

Area of loss / gain



REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

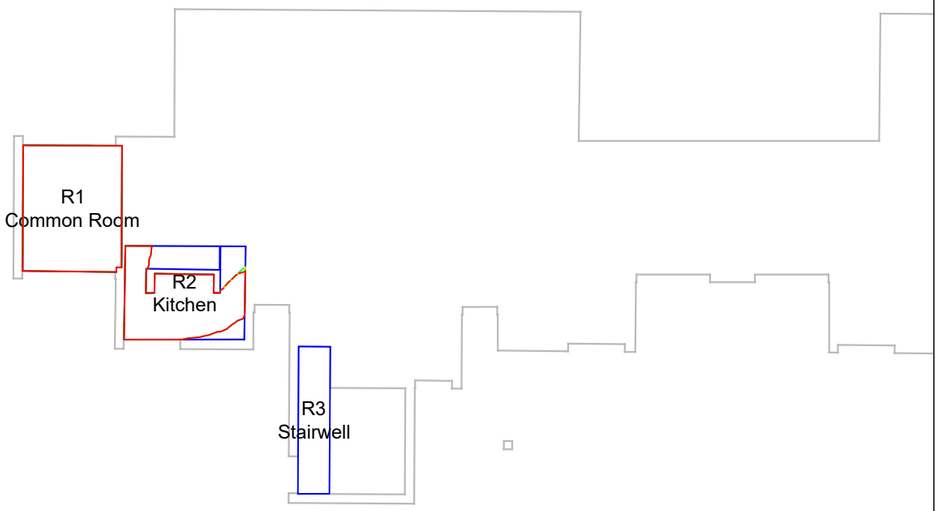
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Daylight Distribution contours
20-23 Ravenscourt Park

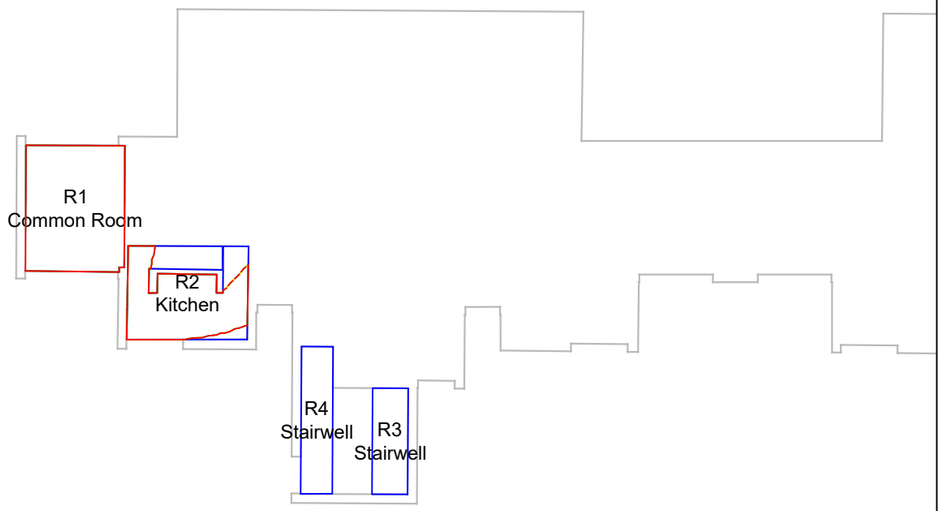
SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 202	

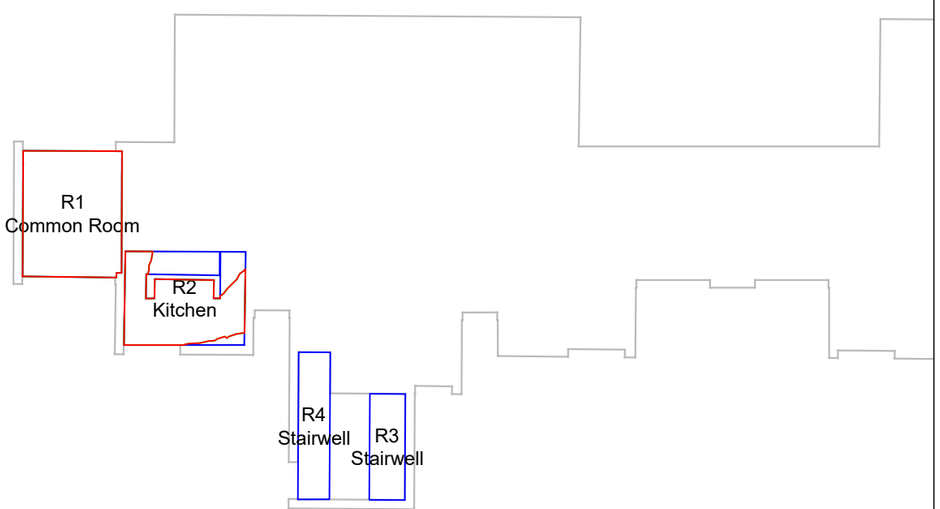
CONSIL



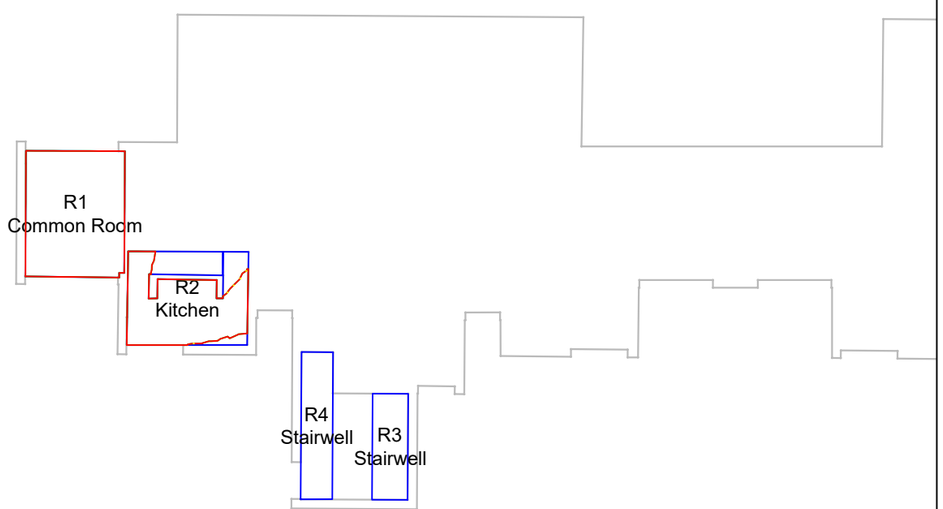
Ground Floor



First Floor



Second Floor



Third Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY

R1 Room area

Existing no-skyline

Proposed no-skyline

Area of loss / gain

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

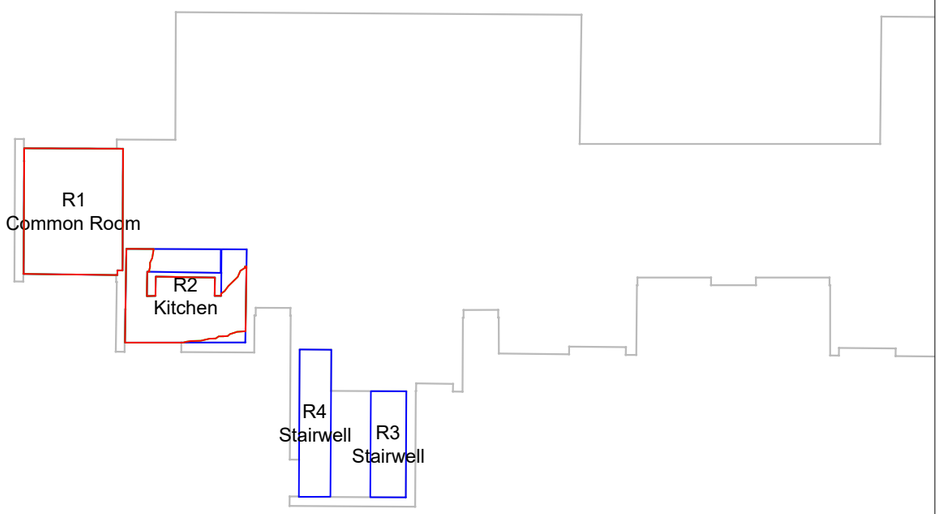
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Daylight Distribution contours
Westside

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 203	

CONSIL



Fourth Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

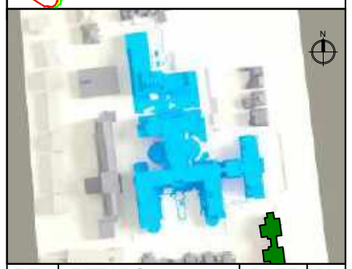
KEY

R1 Room area

Existing no-skyline

Proposed no-skyline

Area of loss / gain



REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

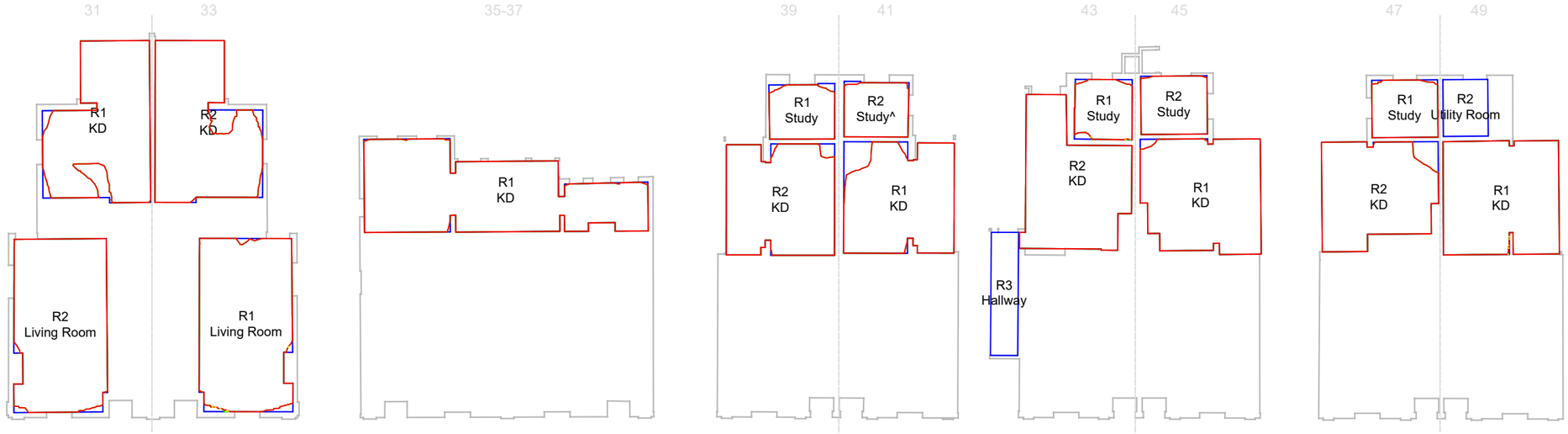
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Daylight Distribution contours
Westside

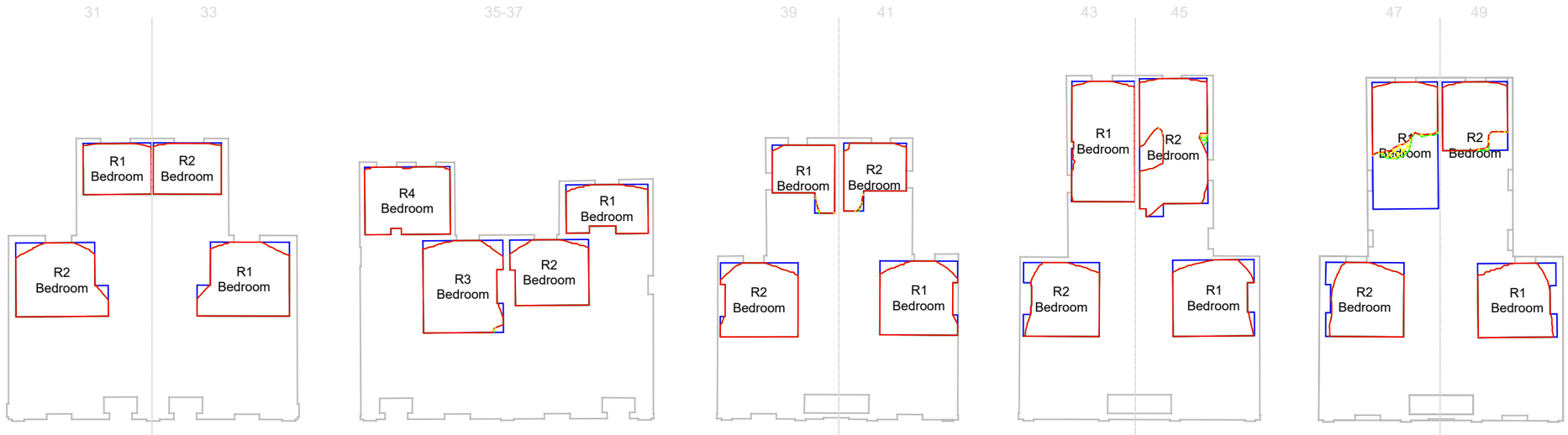
SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 204	

CONSIL



Ground Floor



First Floor

Second Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

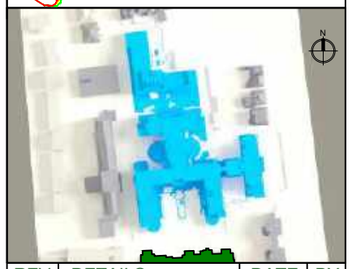
KEY

R1 Room area

Existing no-skyline

Proposed no-skyline

Area of loss / gain



REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

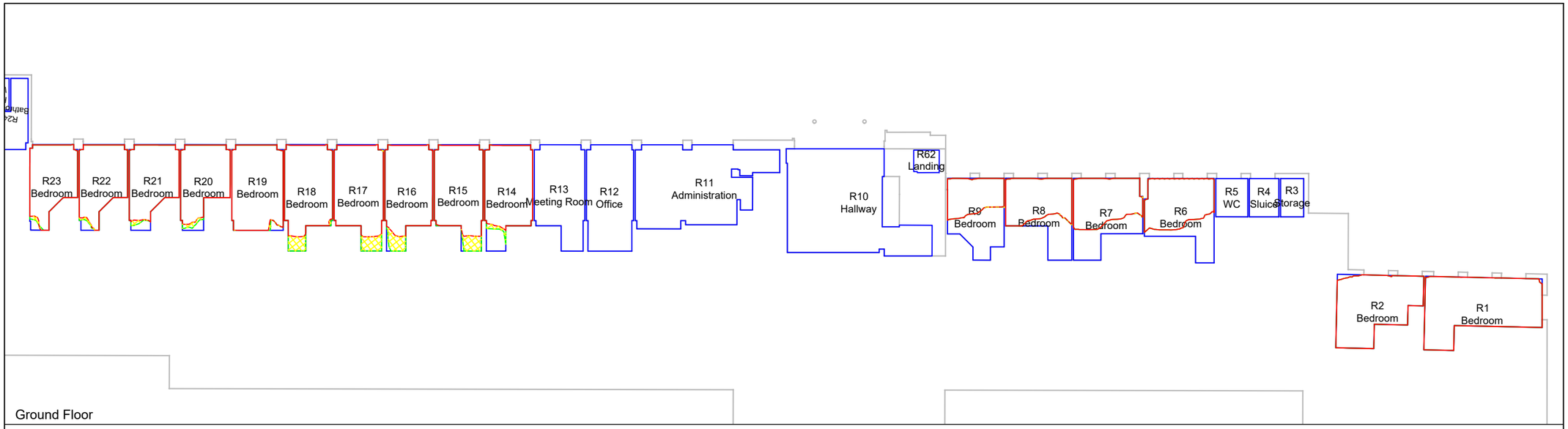
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Daylight Distribution contours
49-31 (odd) Ravenscourt Gardens

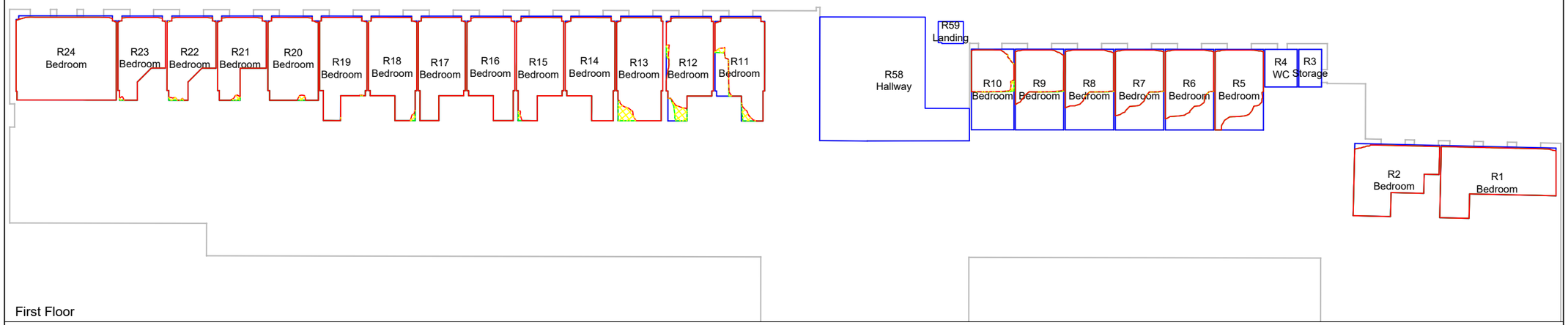
SCALE	DATE
[Not to Scale]	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 205	

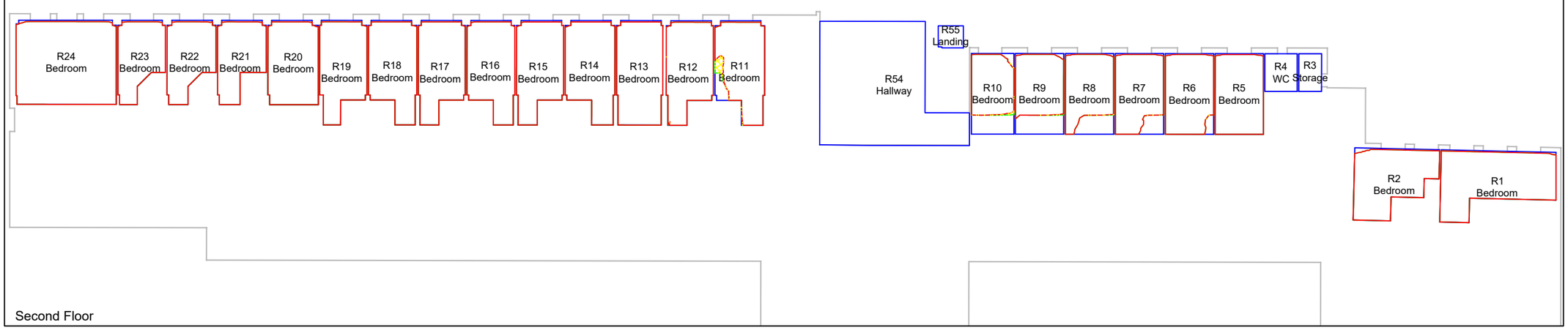
CONSIL



Ground Floor



First Floor



Second Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

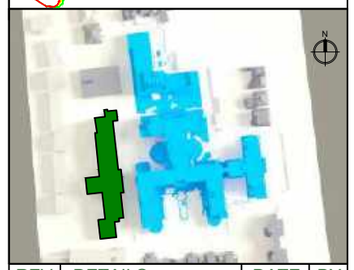
KEY

R1 Room area

Existing no-skyline

Proposed no-skyline

Area of loss / gain



REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

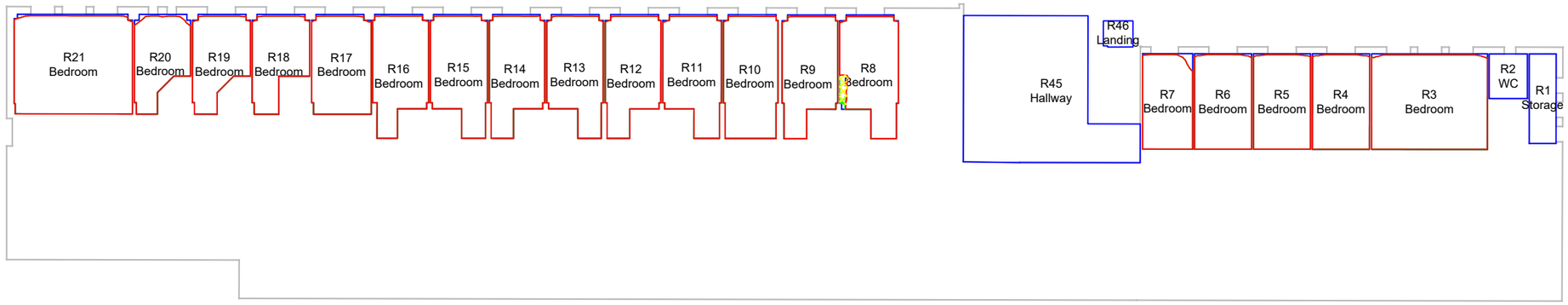
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Daylight Distribution contours
Chiswick Nursing Centre

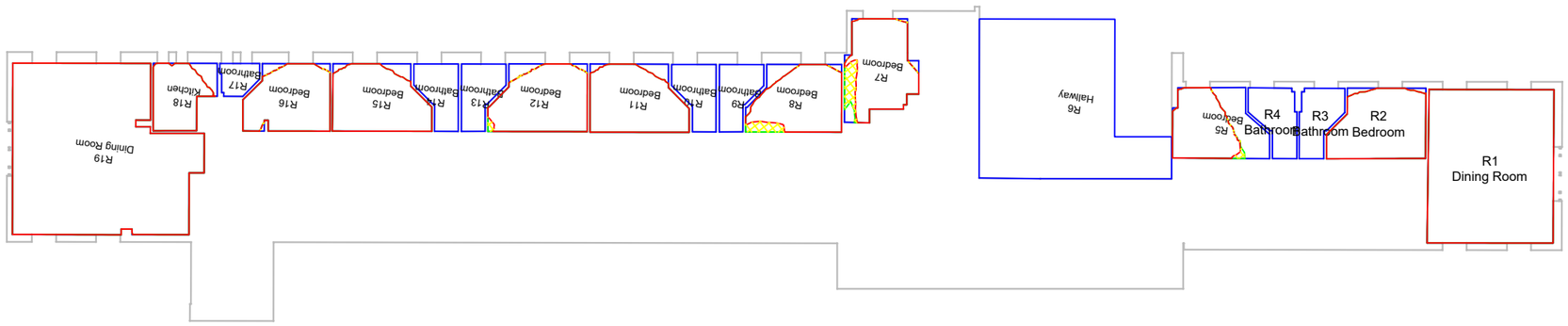
SCALE	DATE
[Not to Scale]	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 206	

CONSIL



Third Floor



Fourth Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

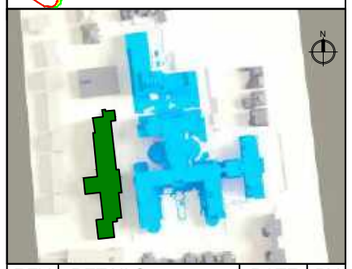
KEY

R1 Room area

Existing no-skyline

Proposed no-skyline

Area of loss / gain



REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Daylight Distribution contours
Chiswick Nursing Centre

SCALE	DATE
[Not to Scale]	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 207	

CONSIL

Ground Floor

First Floor

Second Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

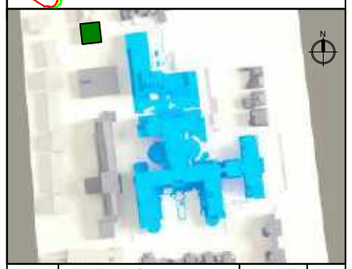
KEY

R1 Room area

Existing no-skyline

Proposed no-skyline

Area of loss / gain



REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

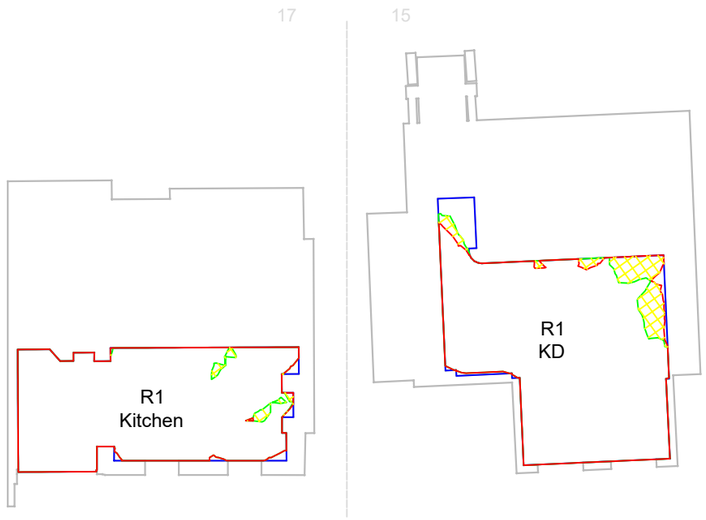
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Daylight Distribution contours
20-26 (even) Ravenscourt Square

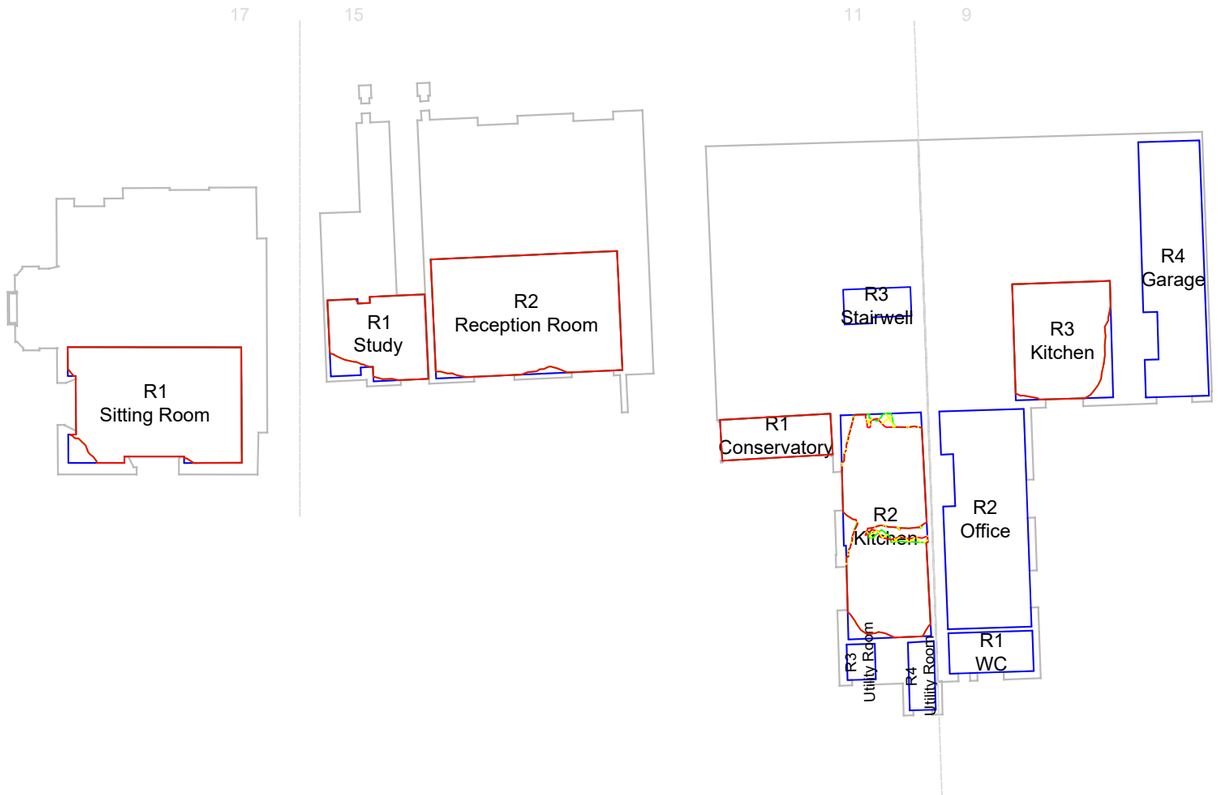
SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 208	

CONSIL



Lower Ground Floor



Ground Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

R1 Room area

Existing no-skyline

Proposed no-skyline

Area of loss / gain

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

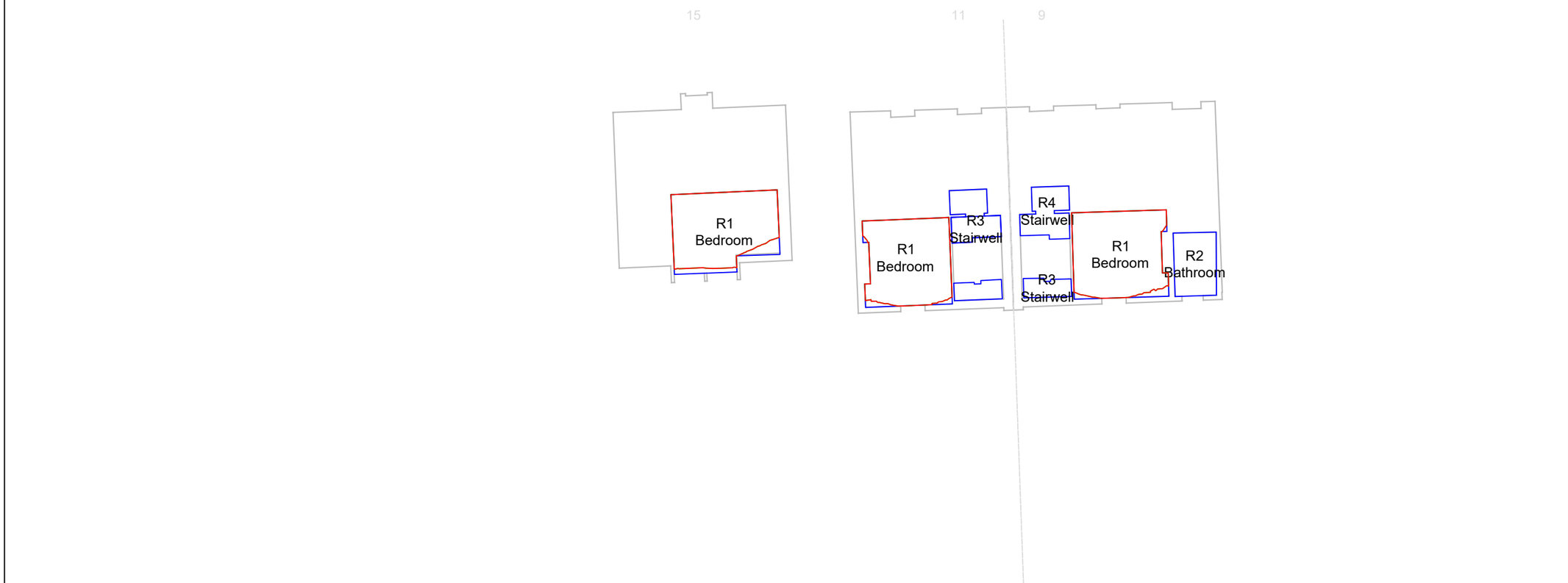
DRAWING TITLE
Daylight Distribution contours
9, 11, 15, 17 Ravenscourt Square

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 209	

CONSIL

First Floor



Second Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY

R1 Room area

Existing no-skyline

Proposed no-skyline

Area of loss / gain

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

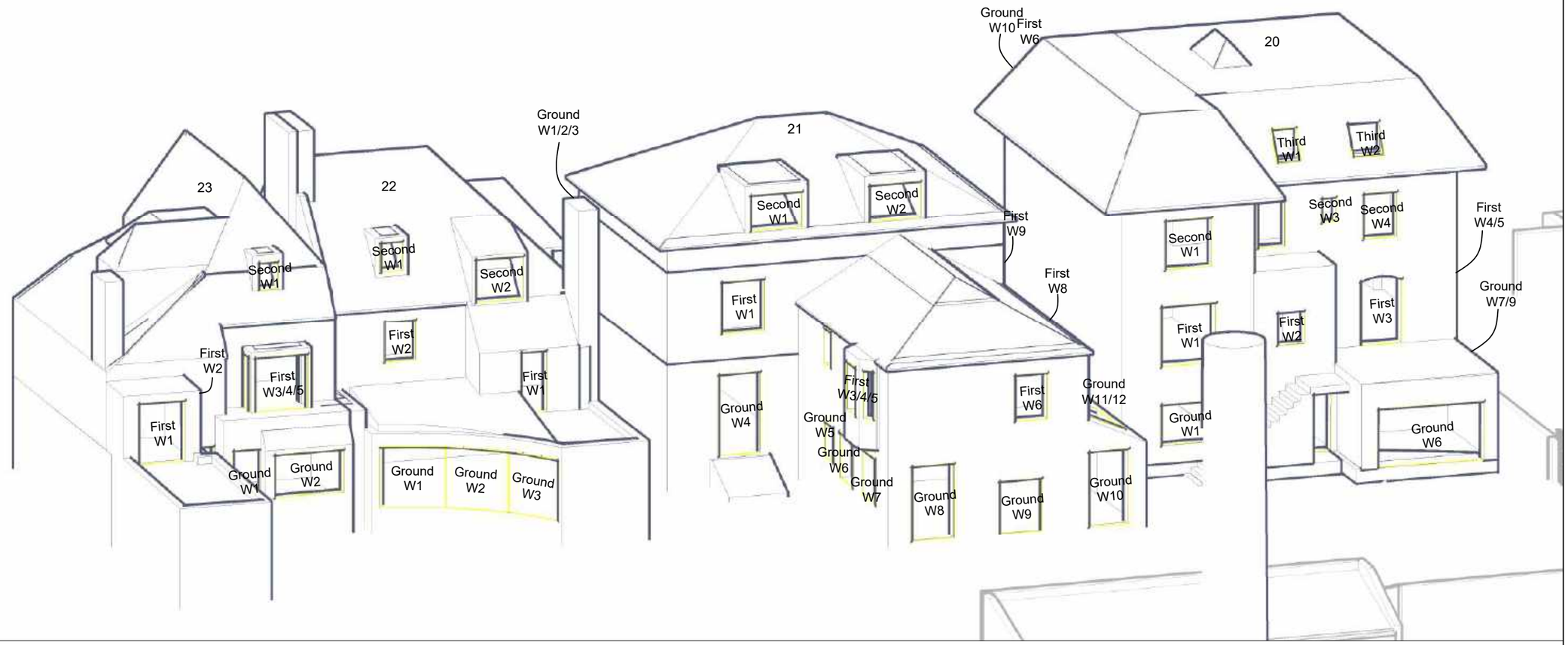
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Daylight Distribution contours
9, 11, 15, 17 Ravenscourt Square

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S/3/ 210	

CONSIL



North-West Elevation

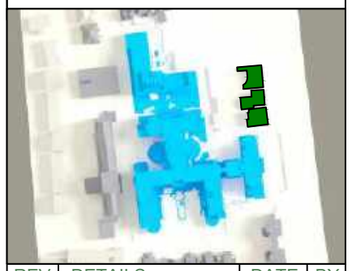
DO NOT SCALE

SOURCES OF INFORMATION:
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY
- Analysed properties
- Surrounding buildings
- XXXXX WX Window Location



REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Window Maps
21-23 Ravenscourt Park

SCALE	DATE
Not to Scale	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 301	

CONSIL

North-West Elevation

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

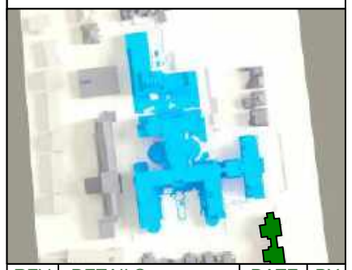
Laser Surveys 3D survey received on 08/12/22

KEY

Analysed properties

Surrounding buildings

XXXXX WX Window Location



REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

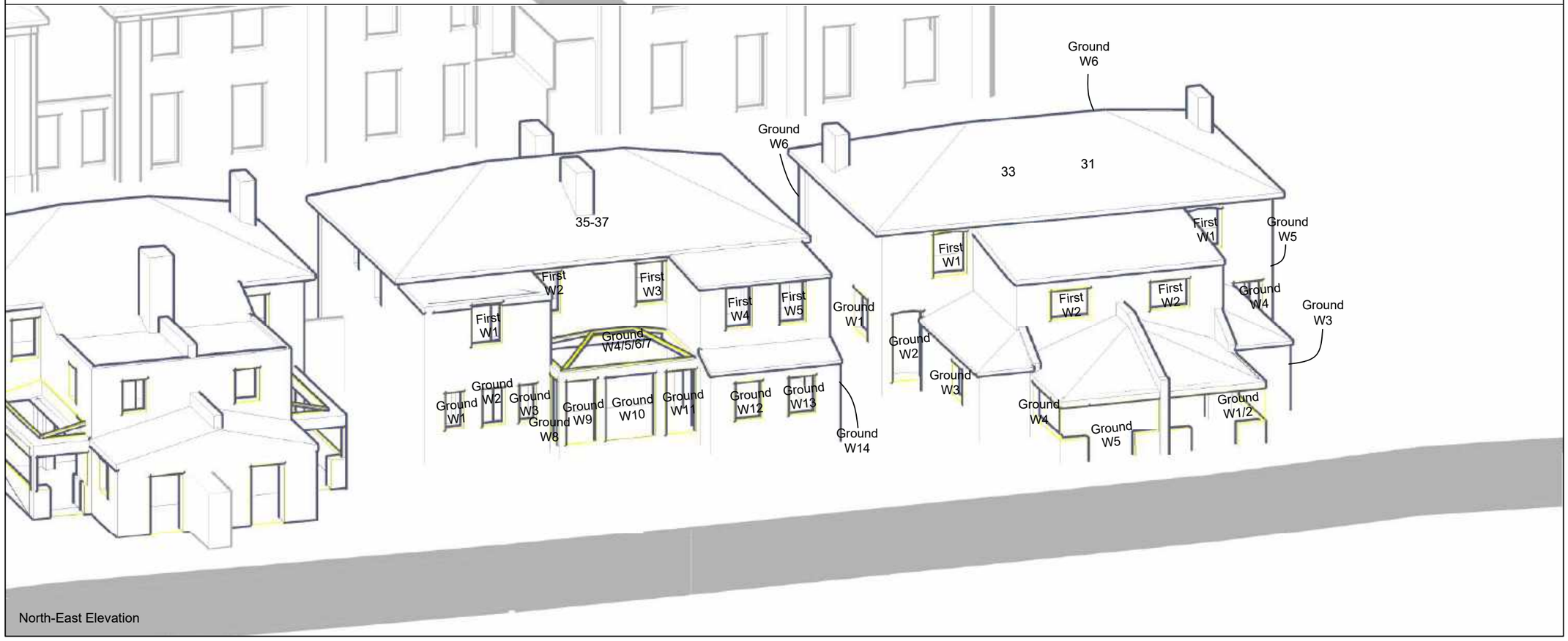
DRAWING TITLE
Window Maps
Westside

SCALE	DATE
Not to Scale	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 302	

CONSIL

North-East Elevation



North-East Elevation

DO NOT SCALE

SOURCES OF INFORMATION:

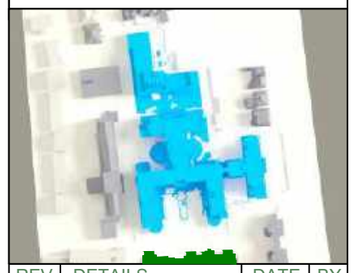
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY

- Analysed properties
- Surrounding buildings
- XXXXX WX — Window Location



REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

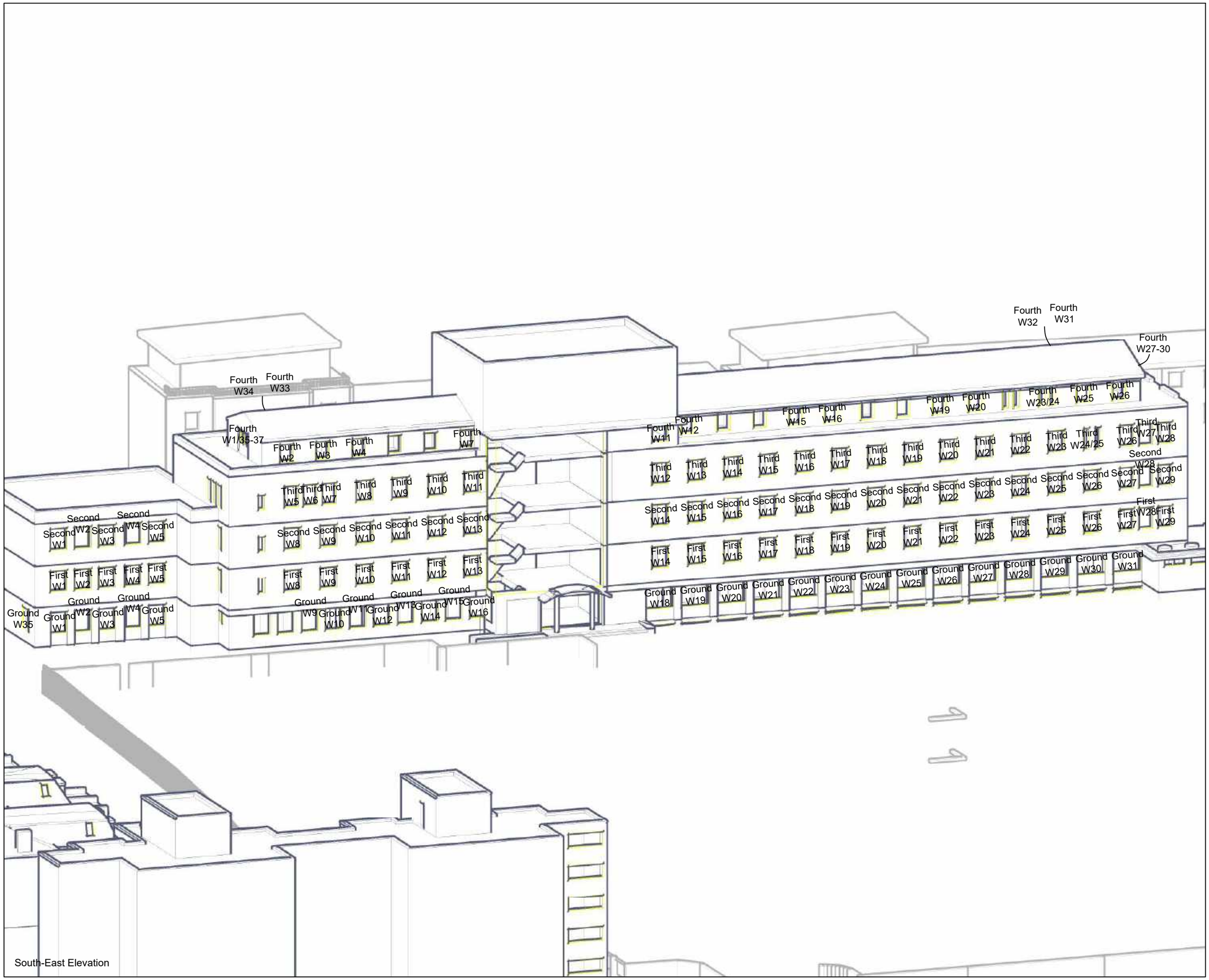
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Window Maps
49-31 (odd) Ravenscourt Gardens

SCALE	DATE
Not to Scale	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 303	

CONSIL



South-East Elevation

DO NOT SCALE

SOURCES OF INFORMATION:

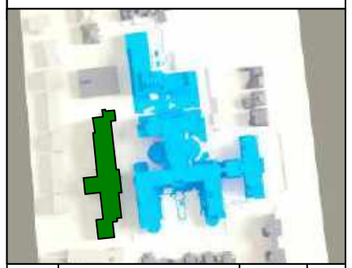
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY

- Analysed properties
- Surrounding buildings
- XXXXX WX — Window Location



REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

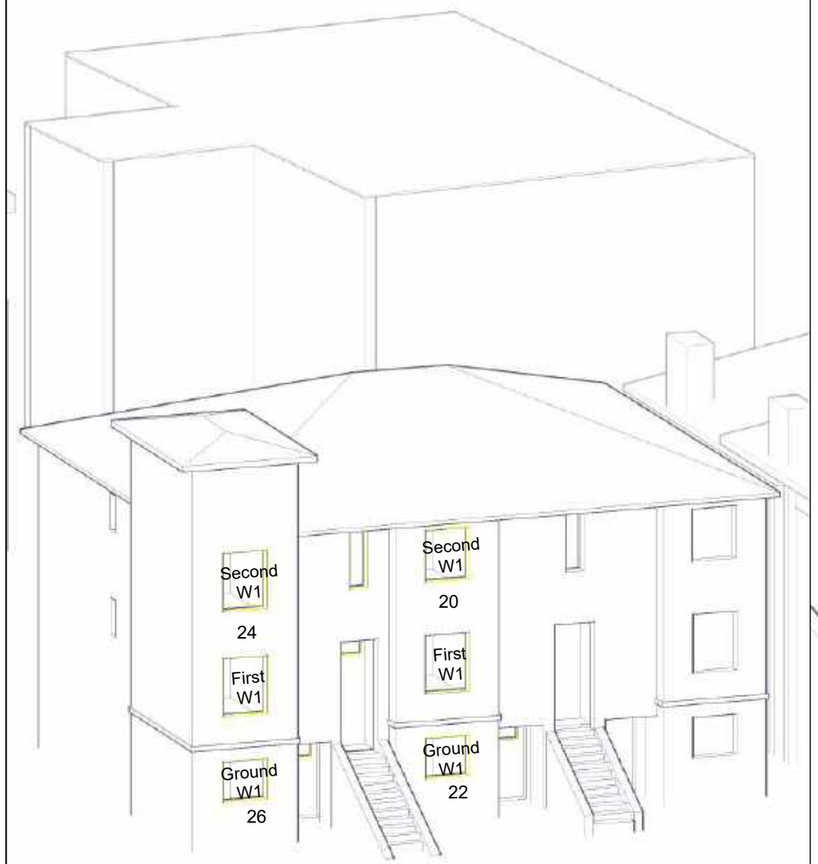
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Window Maps
Chiswick Nursing Centre

SCALE	DATE
Not to Scale	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 304	

CONSIL



South-East Elevation

South Elevation

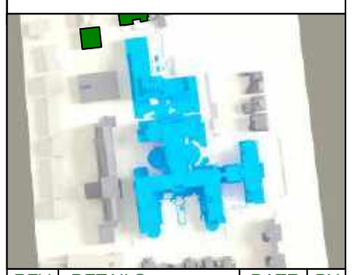
DO NOT SCALE

SOURCES OF INFORMATION:
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY
- Analysed properties
- Surrounding buildings
- XXXXX WX Window Location



REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Window Maps
15, 17, 20-26 (even) Ravenscourt Square

SCALE	DATE
Not to Scale	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 305	

CONSIL

South Elevation

DO NOT SCALE

SOURCES OF INFORMATION:

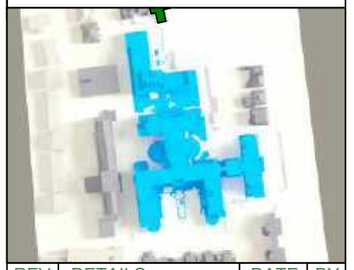
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY

- Analysed properties
- Surrounding buildings
- XXXXX WX Window Location



REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

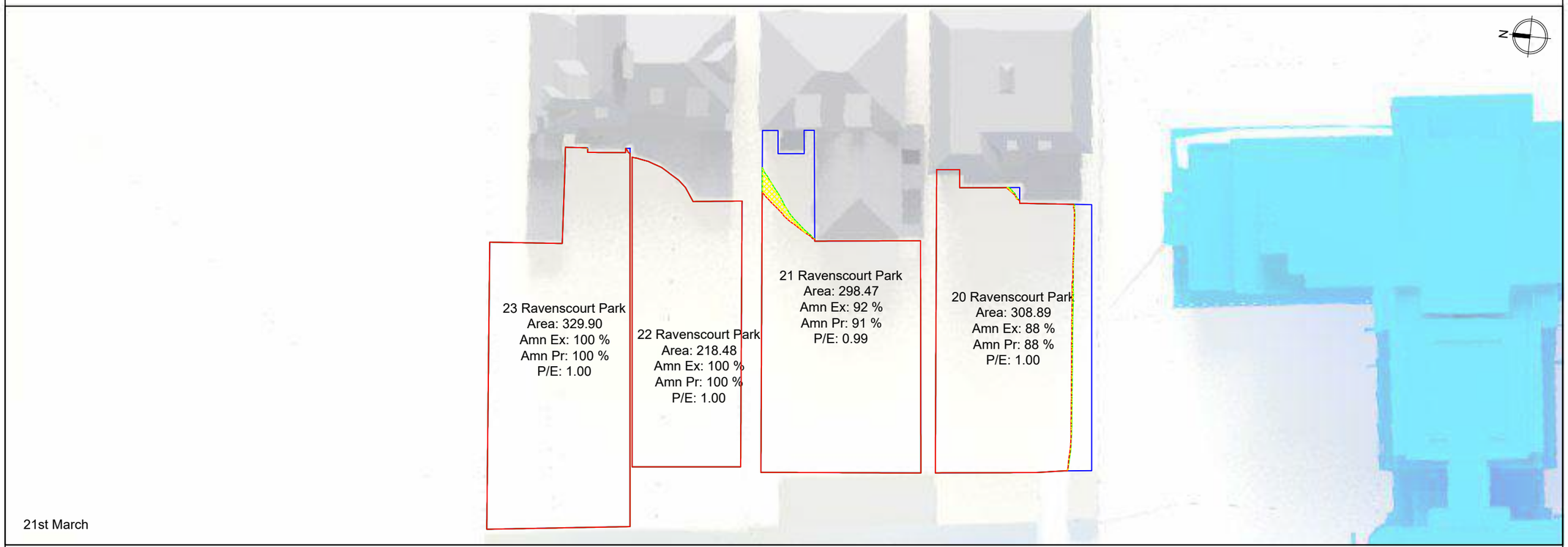
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Window Maps
11, 9 Ravenscourt Square

SCALE	DATE
Not to Scale	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 306	

CONSIL



21st March

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY

- Amenity area
- Existing area of direct sunlight
- Proposed area of direct sunlight
- Area of loss / gain

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

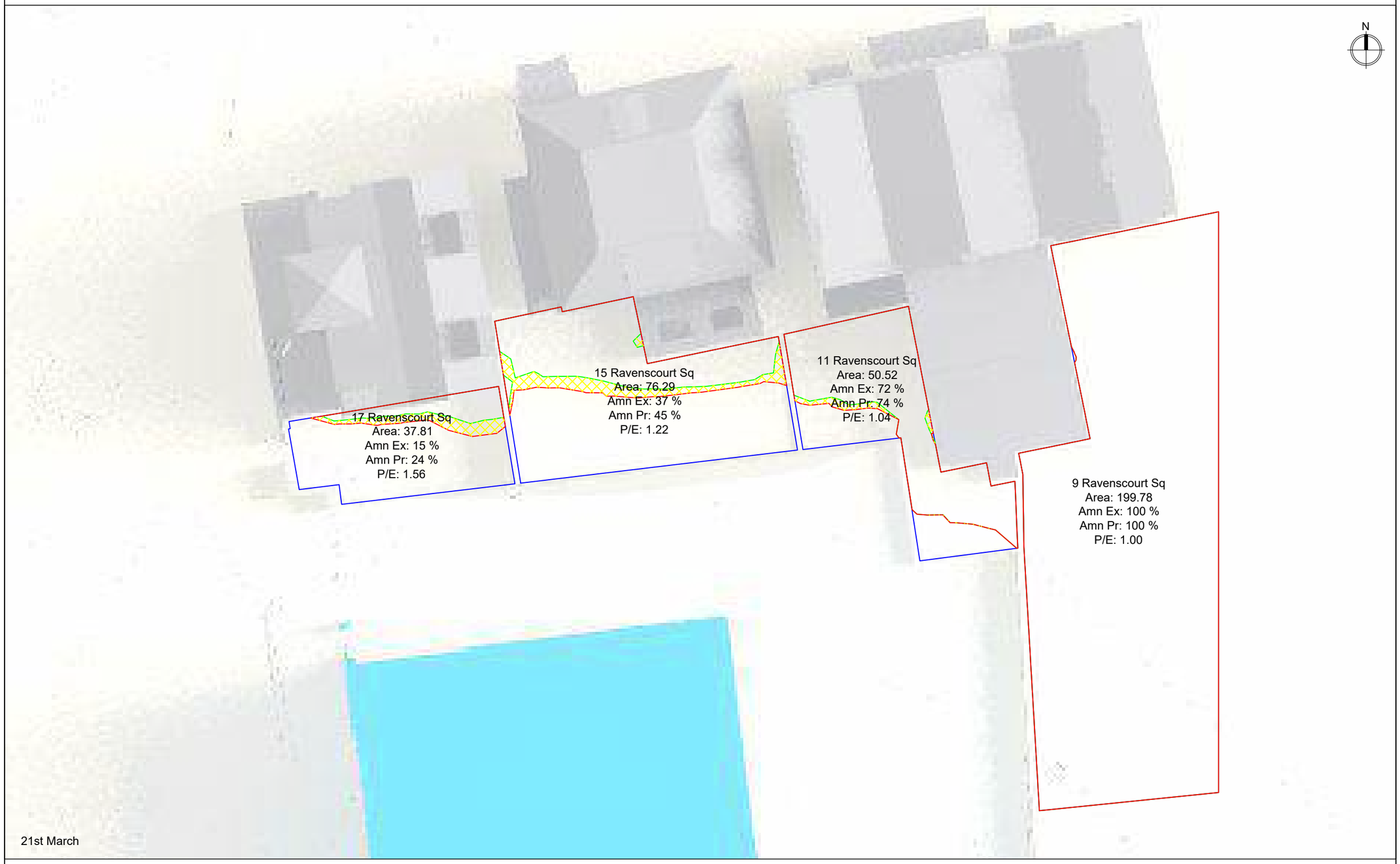
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Permanent Overshadowing

SCALE	DATE
[Not to Scale]	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 401	

CONSIL



DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

KEY

- Amenity area
- Existing area of direct sunlight
- Proposed area of direct sunlight
- Area of loss / gain

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Permanent Overshadowing

SCALE	DATE
[Not to Scale]	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 402	

CONSIL

APPENDIX C

VERTICAL SKY COMPONENT, NO SKY LINE AND ANNUAL PROBABLE SUNLIGHT HOURS RESULTS SPREADSHEET FOR SURROUNDING PROPERTIES

CONSIL

Daylight and Sunlight Result Spreadsheet

Room / Window Reference Number	Room Use. (Assumed*)	Vertical Sky Component (VSC) Results				No Sky Line (NSL) Results			Annual Probable Sunlight Hours (APSH) Results (per room)			Winter Probable Sunlight Hours (WPSH) Results (per room)		
		Existing VSC (%)	Proposed VSC (%)	Loss	% Loss	Existing Lit Area (%)	Proposed Lit Area (%)	% Loss	Existing	Proposed	% Loss	Existing	Proposed	% Loss
23 Ravenscourt Park														
Ground R1 / W1	KD^	28.24	26.52	1.72	6	100	100	0	45	44	2	11	11	0
Ground R1 / W2		33.50	31.56	1.94	6									
First R1 / W1	Study^	36.79	34.90	1.89	5	100	100	0	64	64	0	18	18	0
First R1 / W2		26.06	25.46	0.60	2									
First R2 / W3	Bedroom^	13.63	13.51	0.12	1	98	98	0	57	57	0	16	16	0
First R2 / W4		36.38	34.66	1.72	5									
First R2 / W5		21.33	20.84	0.49	2									
Second R1 / W1	Bedroom^	37.71	36.36	1.35	4	84	84	0	50	49	2	15	15	0
22 Ravenscourt Park														
Ground R1 / W1	KD^	35.33	33.64	1.69	5	100	100	0	*North Facing*					
Ground R1 / W2		35.54	34.03	1.51	4									
Ground R1 / W3		35.52	34.23	1.29	4									
First R1 / W1	Bedroom^	36.08	34.51	1.57	4	96	96	0	48	46	4	13	13	0
First R2 / W2	Bedroom^	35.46	33.97	1.49	4	95	95	0	45	43	4	10	9	10
Second R1 / W1	Bedroom^	37.33	36.08	1.25	3	83	83	1	49	49	0	14	14	0
Second R2 / W2	Bedroom^	35.68	34.32	1.36	4	78	78	0	41	38	7	8	6	25
21 Ravenscourt Park														
Ground R1 / W1	Living Room	33.84	33.84	0.00	0	100	100	0	64	61	5	14	14	0
Ground R1 / W2		39.62	39.62	0.00	0									
Ground R1 / W3		34.33	34.33	0.00	0									
Ground R1 / W4		25.51	24.39	1.12	4									
Ground R2 / W5	KD	25.42	24.86	0.56	2	100	100	0	62	59	5	17	16	6
Ground R2 / W6		28.12	27.50	0.62	2									
Ground R2 / W7		27.91	27.16	0.75	3									
Ground R2 / W8		33.20	30.79	2.41	7									
Ground R2 / W9		32.38	29.95	2.43	8									
Ground R2 / W10		32.38	30.04	2.34	7									
Ground R2 / W11		58.95	58.40	0.55	1									
Ground R2 / W12		39.44	38.99	0.45	1									
First R1 / W1	Bedroom	34.93	33.53	1.40	4	98	98	0	43	41	5	9	8	11
First R3 / W3	Bedroom	24.77	24.77	0.00	0	96	96	0	*North Facing*					
First R3 / W4		35.10	34.50	0.60	2									
First R3 / W5		34.67	33.14	1.53	4									
First R4 / W6	Bedroom	34.04	31.83	2.21	6	95	88	7	47	40	15	13	9	31
First R6 / W8	Bedroom	14.02	13.51	0.51	4	77	77	0	32	32	0	7	7	0
Second R1 / W1	Bedroom^	37.44	36.01	1.43	4	86	83	3	50	48	4	15	13	13
Second R2 / W2	Bedroom^	37.00	35.59	1.41	4	86	86	0	48	46	4	13	11	15

Daylight and Sunlight Result Spreadsheet

Room / Window Reference Number	Room Use. (Assumed*)	Vertical Sky Component (VSC) Results				No Sky Line (NSL) Results			Annual Probable Sunlight Hours (APSH) Results (per room)			Winter Probable Sunlight Hours (WPSH) Results (per room)		
		Existing VSC (%)	Proposed VSC (%)	Loss	% Loss	Existing Lit Area (%)	Proposed Lit Area (%)	% Loss	Existing	Proposed	% Loss	Existing	Proposed	% Loss
20 Ravenscourt Park														
Ground R1 / W1	Dining Room	28.45	26.97	1.48	5	78	76	2	39	39	0	6	6	0
Ground R3 / W6	Conservatory	30.37	28.30	2.07	7	99	96	4	36	33	8	3	3	0
Ground R4 / W7	Kitchen	28.34	28.17	0.17	1	40	39	3	71	70	1	15	14	7
Ground R6 / W9	Study	30.50	30.39	0.11	0	97	97	0	78	78	0	16	16	0
Ground R6 / W10		39.36	39.36	0.00	0									
First R1 / W1	Bedroom	32.29	30.47	1.82	6	98	92	6	45	41	9	11	8	27
First R3 / W3	Living Room	29.07	27.34	1.73	6	100	100	0	92	89	3	23	21	9
First R3 / W4		30.50	30.33	0.17	1									
First R3 / W5		33.21	33.12	0.09	0									
First R3 / W6		38.79	38.79	0.00	0									
Second R1 / W1	Bedroom	29.49	27.69	1.80	6	99	99	0	38	35	8	11	9	18
Second R3 / W3	Bedroom	24.92	23.20	1.72	7	97	96	1	36	35	3	9	9	0
Second R3 / W4		28.43	26.73	1.70	6									
Third R1 / W1	Bedroom^	64.60	63.16	1.44	2	89	72	20	65	65	0	19	19	0
Third R2 / W2	Bedroom^	67.04	65.52	1.52	2	92	76	18	65	64	2	19	19	0
Westside														
Ground R1 / W1	Common Room	32.51	32.51	0.00	0	100	100	0	38	38	0	5	5	0
Ground R1 / W4		24.32	24.18	0.14	1									
Ground R2 / W2	Kitchen	26.79	26.64	0.15	1	72	72	0	22	22	0	4	4	0
First R1 / W1	Common Room	32.77	32.77	0.00	0	100	100	0	39	39	0	5	5	0
First R1 / W4		25.84	25.68	0.16	1									
First R2 / W2	Kitchen	28.59	28.42	0.17	1	74	74	0	24	24	0	5	5	0
Second R1 / W1	Common Room	33.23	33.23	0.00	0	100	100	0	40	40	0	5	5	0
Second R1 / W4		27.36	27.13	0.23	1									
Second R2 / W2	Kitchen	30.62	30.41	0.21	1	74	74	0	29	29	0	5	5	0
Third R1 / W1	Common Room	34.45	34.45	0.00	0	100	100	0	48	48	0	5	5	0
Third R1 / W4		28.95	28.69	0.26	1									
Third R2 / W2	Kitchen	32.98	32.73	0.25	1	74	74	0	36	36	0	5	5	0
Fourth R1 / W1	Common Room	37.60	37.60	0.00	0	100	100	0	80	80	0	12	12	0
Fourth R1 / W4		33.50	33.23	0.27	1									
Fourth R2 / W2	Kitchen	36.31	36.05	0.26	1	74	74	0	47	47	0	12	12	0
49 Ravenscourt Gardens														
Ground R1 / W1	KD	29.88	29.87	0.01	0	100	100	0	*North Facing*					
Ground R1 / W2		21.32	21.13	0.19	1									
Ground R1 / W5		63.40	63.36	0.04	0									
Ground R1 / W6		20.08	19.89	0.19	1									
First R1 / W1	Bedroom	21.04	20.88	0.16	1	89	89	0	*North Facing*					
First R2 / W2	Bedroom	32.37	32.13	0.24	1	90	90	1	*North Facing*					

Daylight and Sunlight Result Spreadsheet

Room / Window Reference Number	Room Use. (Assumed*)	Vertical Sky Component (VSC) Results				No Sky Line (NSL) Results			Annual Probable Sunlight Hours (APSH) Results (per room)			Winter Probable Sunlight Hours (WPSH) Results (per room)		
		Existing VSC (%)	Proposed VSC (%)	Loss	% Loss	Existing Lit Area (%)	Proposed Lit Area (%)	% Loss	Existing	Proposed	% Loss	Existing	Proposed	% Loss
Second R1 / W1	Bedroom	55.25	55.23	0.02	0	99	97	2	*North Facing*					
Second R1 / W2		34.32	34.05	0.27	1									
47 Ravenscourt Gardens														
Ground R1 / W1	Study	30.38	30.19	0.19	1	98	98	0	27	27	0	0	0	100
Ground R1 / W2		22.94	22.88	0.06	0									
Ground R2 / W3	KD	19.87	19.70	0.17	1	95	95	0	31	31	0	4	4	0
Ground R2 / W4		15.27	15.23	0.04	0									
Ground R2 / W5		23.39	23.21	0.18	1									
Ground R2 / W6		64.62	64.57	0.05	0									
First R1 / W1	Bedroom	32.23	32.02	0.21	1	50	46	8	40	40	0	4	4	0
First R1 / W2		27.63	27.56	0.07	0									
First R2 / W3	Bedroom	18.69	18.58	0.11	1	89	89	0	*North Facing*					
Second R1 / W1	Bedroom	34.29	34.03	0.26	1	90	89	1	64	64	0	18	18	0
Second R1 / W2		57.03	56.94	0.09	0									
45 Ravenscourt Gardens														
Ground R1 / W1	KD	15.61	15.60	0.01	0	99	99	0	*North Facing*					
Ground R1 / W2		21.01	20.94	0.07	0									
Ground R1 / W5		61.31	61.29	0.02	0									
Ground R2 / W3	Study	23.44	23.44	0.00	0	99	99	0	*North Facing*					
Ground R2 / W4		26.90	26.82	0.08	0									
First R1 / W1	Bedroom	20.28	20.25	0.03	0	93	93	0	*North Facing*					
First R2 / W2	Bedroom	28.94	28.94	0.00	0	88	88	1	*North Facing*					
First R2 / W3		31.73	31.57	0.16	1									
Second R1 / W1	Bedroom	65.31	65.30	0.01	0	88	88	0	*North Facing*					
Second R1 / W2		33.86	33.68	0.18	1									
43 Ravenscourt Gardens														
Ground R1 / W1	Study	28.80	28.65	0.15	1	95	94	0	*North Facing*					
Ground R2 / W2	KD	27.88	27.72	0.16	1	100	100	0	45	45	0	6	6	0
Ground R2 / W3		62.84	62.79	0.05	0									
Ground R2 / W4		24.63	24.58	0.05	0									
First R1 / W1	Bedroom	31.65	31.47	0.18	1	98	98	0	39	39	0	2	2	0
First R1 / W2		29.98	29.92	0.06	0									
First R2 / W3	Bedroom	18.58	18.41	0.17	1	91	91	0	*North Facing*					
Second R1 / W1	Bedroom	33.88	33.68	0.20	1	99	95	3	69	69	0	20	20	0
Second R1 / W2		65.74	65.66	0.08	0									

Daylight and Sunlight Result Spreadsheet

Room / Window Reference Number	Room Use. (Assumed*)	Vertical Sky Component (VSC) Results				No Sky Line (NSL) Results			Annual Probable Sunlight Hours (APSH) Results (per room)			Winter Probable Sunlight Hours (WPSH) Results (per room)		
		Existing VSC (%)	Proposed VSC (%)	Loss	% Loss	Existing Lit Area (%)	Proposed Lit Area (%)	% Loss	Existing	Proposed	% Loss	Existing	Proposed	% Loss
41 Ravenscourt Gardens														
Ground R1 / W1	KD	15.98	15.97	0.01	0	92	92	0	*North Facing*					
Ground R1 / W2		23.48	23.36	0.12	1									
Ground R1 / W3		59.94	59.92	0.02	0									
Ground R1 / W4		28.14	27.94	0.20	1									
Ground R2 / W5	Study^	25.24	25.10	0.14	1	98	98	0	*North Facing*					
Ground R2 / W6		26.00	26.00	0.00	0									
First R1 / W1	Bedroom	23.82	23.72	0.10	0	93	93	0	*North Facing*					
First R2 / W2	Bedroom	29.44	29.44	0.00	0	97	97	0	*North Facing*					
First R2 / W3		32.38	32.15	0.23	1									
39 Ravenscourt Gardens														
Ground R1 / W1	Study	28.53	28.32	0.21	1	95	95	0	*North Facing*					
Ground R2 / W2	KD	23.59	23.41	0.18	1	98	98	0	36	36	0	5	5	0
Ground R2 / W3		18.08	18.06	0.02	0									
Ground R2 / W4		26.93	26.71	0.22	1									
Ground R2 / W5		60.79	60.74	0.05	0									
First R1 / W1	Bedroom	32.29	32.05	0.24	1	98	98	0	46	46	0	7	7	0
First R1 / W2		31.07	31.03	0.04	0									
First R2 / W3	Bedroom	24.45	24.26	0.19	1	93	93	0	*North Facing*					
37-35 Ravenscourt Gardens														
Ground R1 / W1	KD	30.36	30.17	0.19	1	100	100	0	51	51	0	4	4	0
Ground R1 / W2		29.94	29.75	0.19	1									
Ground R1 / W3		26.06	25.88	0.18	1									
Ground R1 / W4		42.62	42.56	0.06	0									
Ground R1 / W5		79.52	79.40	0.12	0									
Ground R1 / W6		37.82	37.79	0.03	0									
Ground R1 / W7		37.10	37.10	0.00	0									
Ground R1 / W8		18.14	18.11	0.03	0									
Ground R1 / W9		30.40	30.23	0.17	1									
Ground R1 / W10		29.87	29.71	0.16	1									
Ground R1 / W11		24.28	24.12	0.16	1									
Ground R1 / W12		29.99	29.84	0.15	1									
Ground R1 / W13		29.82	29.68	0.14	0									
Ground R1 / W14		18.84	18.84	0.00	0									
First R1 / W1	Bedroom	32.70	32.48	0.22	1	96	96	0	*North Facing*					
First R2 / W2	Bedroom	21.96	21.84	0.12	1	95	95	0	*North Facing*					
First R3 / W3	Bedroom	21.40	21.22	0.18	1	94	94	0	*North Facing*					
First R4 / W4	Bedroom	32.11	31.92	0.19	1	99	99	0	*North Facing*					
First R4 / W5		31.99	31.81	0.18	1									

Daylight and Sunlight Result Spreadsheet

Room / Window Reference Number	Room Use. (Assumed*)	Vertical Sky Component (VSC) Results				No Sky Line (NSL) Results			Annual Probable Sunlight Hours (APSH) Results (per room)			Winter Probable Sunlight Hours (WPSH) Results (per room)		
		Existing VSC (%)	Proposed VSC (%)	Loss	% Loss	Existing Lit Area (%)	Proposed Lit Area (%)	% Loss	Existing	Proposed	% Loss	Existing	Proposed	% Loss
33 Ravenscourt Gardens														
Ground R1 / W1	Living Room	11.00	10.98	0.02	0	98	98	0	86	86	0	29	29	0
Ground R1 / W2		19.53	19.42	0.11	1									
Ground R1 / W6		34.89	34.89	0.00	0									
Ground R2 / W3	KD	23.49	23.44	0.05	0	94	94	0	*North Facing*					
Ground R2 / W4		30.08	30.04	0.04	0									
Ground R2 / W5		26.44	26.37	0.07	0									
First R1 / W1	Bedroom	24.97	24.84	0.13	1	95	95	0	*North Facing*					
First R2 / W2	Bedroom	30.71	30.61	0.10	0	98	98	0	*North Facing*					
31 Ravenscourt Gardens														
Ground R1 / W1	KD	26.45	26.40	0.05	0	94	94	0	42	42	0	11	11	0
Ground R1 / W2		24.12	24.12	0.00	0									
Ground R1 / W3		26.25	26.25	0.00	0									
Ground R2 / W4	Living Room	19.11	19.10	0.01	0	99	99	0	88	88	0	29	29	0
Ground R2 / W5		29.40	29.40	0.00	0									
Ground R2 / W6		35.96	35.96	0.00	0									
First R1 / W2	Bedroom	30.65	30.58	0.07	0	98	98	0	*North Facing*					
First R2 / W1	Bedroom	22.93	22.92	0.01	0	94	94	0	*North Facing*					
Chiswick Nursing Centre														
Ground R1 / W1	Bedroom	28.17	28.10	0.07	0	100	100	0	55	55	0	6	6	0
Ground R1 / W2		27.70	27.63	0.07	0									
Ground R1 / W3		26.64	26.61	0.03	0									
Ground R1 / W35		14.13	14.13	0.00	0									
Ground R2 / W4	Bedroom	24.80	24.80	0.00	0	99	99	0	*North Facing*					
Ground R2 / W5		21.30	21.30	0.00	0									
Ground R6 / W9	Bedroom	18.93	18.64	0.29	2	70	70	0	*North Facing*					
Ground R6 / W10		18.31	17.97	0.34	2									
Ground R7 / W11	Bedroom	17.73	17.33	0.40	2	66	66	0	*North Facing*					
Ground R7 / W12		17.18	16.70	0.48	3									
Ground R8 / W13	Bedroom	16.57	16.02	0.55	3	69	69	0	*North Facing*					
Ground R8 / W14		15.65	15.04	0.61	4									
Ground R9 / W15	Bedroom	13.48	12.90	0.58	4	50	50	0	*North Facing*					
Ground R9 / W16		9.98	9.80	0.18	2									
Ground R14 / W22	Bedroom	23.56	21.79	1.77	8	90	88	2	*North Facing*					
Ground R15 / W23	Bedroom	24.09	22.40	1.69	7	99	92	6	*North Facing*					
Ground R16 / W24	Bedroom	24.48	22.87	1.61	7	98	92	7	*North Facing*					
Ground R17 / W25	Bedroom	24.75	23.21	1.54	6	99	93	7	*North Facing*					
Ground R18 / W26	Bedroom	25.00	23.46	1.54	6	99	93	6	*North Facing*					
Ground R19 / W27	Bedroom	25.08	23.63	1.45	6	98	97	0	*North Facing*					

Daylight and Sunlight Result Spreadsheet

Room / Window Reference Number	Room Use. (Assumed*)	Vertical Sky Component (VSC) Results				No Sky Line (NSL) Results			Annual Probable Sunlight Hours (APSH) Results (per room)			Winter Probable Sunlight Hours (WPSH) Results (per room)		
		Existing VSC (%)	Proposed VSC (%)	Loss	% Loss	Existing Lit Area (%)	Proposed Lit Area (%)	% Loss	Existing	Proposed	% Loss	Existing	Proposed	% Loss
Ground R20 / W28	Bedroom	25.23	23.85	1.38	5	96	94	2	*North Facing*					
Ground R21 / W29	Bedroom	25.53	24.31	1.22	5	95	94	1	*North Facing*					
Ground R22 / W30	Bedroom	25.65	24.74	0.91	4	96	95	1	*North Facing*					
Ground R23 / W31	Bedroom	19.78	19.50	0.28	1	97	96	1	*North Facing*					
First R1 / W1	Bedroom	31.68	31.60	0.08	0	98	98	0	*North Facing*					
First R1 / W2		31.28	31.20	0.08	0									
First R1 / W3		30.29	30.25	0.04	0									
First R2 / W4	Bedroom	28.55	28.54	0.01	0	97	97	0	*North Facing*					
First R2 / W5		24.47	24.47	0.00	0									
First R5 / W8	Bedroom	23.97	23.66	0.31	1	81	81	0	*North Facing*					
First R6 / W9	Bedroom	22.87	22.46	0.41	2	72	72	0	*North Facing*					
First R7 / W10	Bedroom	21.85	21.33	0.52	2	64	64	0	*North Facing*					
First R8 / W11	Bedroom	20.82	20.17	0.65	3	58	58	0	*North Facing*					
First R9 / W12	Bedroom	19.17	18.36	0.81	4	53	53	0	*North Facing*					
First R10 / W13	Bedroom	14.07	13.49	0.58	4	49	48	3	*North Facing*					
First R11 / W14	Bedroom	23.95	21.85	2.10	9	86	83	4	*North Facing*					
First R12 / W15	Bedroom	25.51	23.39	2.12	8	94	89	5	*North Facing*					
First R13 / W16	Bedroom	26.79	24.65	2.14	8	99	94	5	*North Facing*					
First R14 / W17	Bedroom	27.75	25.59	2.16	8	99	99	0	*North Facing*					
First R15 / W18	Bedroom	28.47	26.35	2.12	7	99	98	1	*North Facing*					
First R16 / W19	Bedroom	29.04	27.01	2.03	7	99	99	0	*North Facing*					
First R17 / W20	Bedroom	29.50	27.53	1.97	7	99	99	0	*North Facing*					
First R18 / W21	Bedroom	29.82	27.95	1.87	6	99	98	1	*North Facing*					
First R19 / W22	Bedroom	30.08	28.25	1.83	6	99	99	0	*North Facing*					
First R20 / W23	Bedroom	30.29	28.46	1.83	6	98	98	1	*North Facing*					
First R21 / W24	Bedroom	30.59	28.68	1.91	6	98	97	1	*North Facing*					
First R22 / W25	Bedroom	31.06	29.10	1.96	6	98	97	1	*North Facing*					
First R23 / W26	Bedroom	31.52	29.63	1.89	6	98	98	0	*North Facing*					
First R24 / W27	Bedroom	31.93	30.08	1.85	6	98	98	0	*North Facing*					
First R24 / W28		32.12	30.29	1.83	6									
First R24 / W29		32.29	30.43	1.86	6									
Second R1 / W1	Bedroom	34.92	34.83	0.09	0	98	98	0	*North Facing*					
Second R1 / W2		34.59	34.49	0.10	0									
Second R1 / W3		33.82	33.76	0.06	0									
Second R2 / W4	Bedroom	32.31	32.29	0.02	0	97	97	0	*North Facing*					
Second R2 / W5		29.13	29.13	0.00	0									
Second R5 / W8	Bedroom	29.22	28.84	0.38	1	99	99	0	*North Facing*					
Second R6 / W9	Bedroom	28.10	27.60	0.50	2	95	95	0	*North Facing*					
Second R7 / W10	Bedroom	26.97	26.31	0.66	2	88	88	0	*North Facing*					
Second R8 / W11	Bedroom	25.80	24.97	0.83	3	81	81	0	*North Facing*					
Second R9 / W12	Bedroom	23.92	22.93	0.99	4	75	75	0	*North Facing*					

Daylight and Sunlight Result Spreadsheet

Room / Window Reference Number	Room Use. (Assumed*)	Vertical Sky Component (VSC) Results				No Sky Line (NSL) Results			Annual Probable Sunlight Hours (APSH) Results (per room)			Winter Probable Sunlight Hours (WPSH) Results (per room)		
		Existing VSC (%)	Proposed VSC (%)	Loss	% Loss	Existing Lit Area (%)	Proposed Lit Area (%)	% Loss	Existing	Proposed	% Loss	Existing	Proposed	% Loss
Second R10 / W13	Bedroom	17.88	17.09	0.79	4	73	72	1	*North Facing*					
Second R11 / W14	Bedroom	27.73	25.25	2.48	9	92	89	4	*North Facing*					
Second R12 / W15	Bedroom	29.10	26.65	2.45	8	99	98	0	*North Facing*					
Second R13 / W16	Bedroom	30.29	27.82	2.47	8	99	99	0	*North Facing*					
Second R14 / W17	Bedroom	31.14	28.69	2.45	8	99	99	0	*North Facing*					
Second R15 / W18	Bedroom	31.86	29.43	2.43	8	99	99	0	*North Facing*					
Second R16 / W19	Bedroom	32.44	30.07	2.37	7	99	99	0	*North Facing*					
Second R17 / W20	Bedroom	32.93	30.57	2.36	7	99	99	0	*North Facing*					
Second R18 / W21	Bedroom	33.28	30.99	2.29	7	99	99	0	*North Facing*					
Second R19 / W22	Bedroom	33.61	31.36	2.25	7	99	99	0	*North Facing*					
Second R20 / W23	Bedroom	33.87	31.62	2.25	7	98	98	0	*North Facing*					
Second R21 / W24	Bedroom	34.21	31.89	2.32	7	98	98	0	*North Facing*					
Second R22 / W25	Bedroom	34.66	32.29	2.37	7	98	98	0	*North Facing*					
Second R23 / W26	Bedroom	35.05	32.71	2.34	7	98	98	0	*North Facing*					
Second R24 / W27	Bedroom	35.37	33.04	2.33	7	98	98	0	*North Facing*					
Second R24 / W28		35.53	33.21	2.32	7									
Second R24 / W29		35.66	33.34	2.32	7									
Third R3 / W5	Bedroom	34.51	34.03	0.48	1	99	99	0	*North Facing*					
Third R3 / W6		34.00	33.45	0.55	2									
Third R3 / W7		33.52	32.89	0.63	2									
Third R4 / W8	Bedroom	32.55	31.73	0.82	3	99	99	0	*North Facing*					
Third R5 / W9	Bedroom	31.48	30.44	1.04	3	99	99	0	*North Facing*					
Third R6 / W10	Bedroom	29.60	28.32	1.28	4	99	99	0	*North Facing*					
Third R7 / W11	Bedroom	22.24	21.11	1.13	5	97	97	0	*North Facing*					
Third R8 / W12	Bedroom	31.67	28.88	2.79	9	98	95	3	*North Facing*					
Third R9 / W13	Bedroom	32.82	30.15	2.67	8	99	99	0	*North Facing*					
Third R10 / W14	Bedroom	33.79	31.19	2.60	8	99	99	0	*North Facing*					
Third R11 / W15	Bedroom	34.51	31.97	2.54	7	99	99	0	*North Facing*					
Third R12 / W16	Bedroom	35.11	32.59	2.52	7	99	99	0	*North Facing*					
Third R13 / W17	Bedroom	35.59	33.12	2.47	7	99	99	0	*North Facing*					
Third R14 / W18	Bedroom	36.03	33.58	2.45	7	99	99	0	*North Facing*					
Third R15 / W19	Bedroom	36.37	33.94	2.43	7	99	99	0	*North Facing*					
Third R16 / W20	Bedroom	36.70	34.23	2.47	7	99	99	0	*North Facing*					
Third R17 / W21	Bedroom	36.97	34.55	2.42	7	98	98	0	*North Facing*					
Third R18 / W22	Bedroom	37.26	34.84	2.42	6	98	98	0	*North Facing*					
Third R19 / W23	Bedroom	37.55	35.12	2.43	6	98	98	0	*North Facing*					
Third R20 / W24	Bedroom	37.75	35.34	2.41	6	96	96	0	*North Facing*					
Third R20 / W25		37.83	35.42	2.41	6									
Third R21 / W26	Bedroom	38.01	35.63	2.38	6	98	98	0	*North Facing*					
Third R21 / W27		38.12	35.71	2.41	6									
Third R21 / W28		38.17	35.78	2.39	6									

Daylight and Sunlight Result Spreadsheet

Room / Window Reference Number	Room Use. (Assumed*)	Vertical Sky Component (VSC) Results				No Sky Line (NSL) Results			Annual Probable Sunlight Hours (APSH) Results (per room)			Winter Probable Sunlight Hours (WPSH) Results (per room)		
		Existing VSC (%)	Proposed VSC (%)	Loss	% Loss	Existing Lit Area (%)	Proposed Lit Area (%)	% Loss	Existing	Proposed	% Loss	Existing	Proposed	% Loss
Fourth R1 / W1	Dining Room	38.91	38.91	0.00	0	100	100	0	99	99	0	30	30	0
Fourth R1 / W2		37.81	37.37	0.44	1									
Fourth R1 / W3		37.48	36.89	0.59	2									
Fourth R1 / W33		37.22	37.22	0.00	0									
Fourth R1 / W34		37.24	37.24	0.00	0									
Fourth R1 / W35		38.90	38.90	0.00	0									
Fourth R1 / W36		39.32	39.32	0.00	0									
Fourth R1 / W37		39.33	39.33	0.00	0									
Fourth R2 / W4	Bedroom	36.93	36.17	0.76	2	97	97	0	*North Facing*					
Fourth R5 / W7	Bedroom	24.04	23.47	0.57	2	66	65	2	*North Facing*					
Fourth R7 / W11	Bedroom	24.01	21.40	2.61	11	95	86	9	*North Facing*					
Fourth R8 / W12	Bedroom	26.93	25.48	1.45	5	90	84	7	*North Facing*					
Fourth R11 / W15	Bedroom	31.99	30.27	1.72	5	93	93	0	*North Facing*					
Fourth R12 / W16	Bedroom	32.24	30.63	1.61	5	93	92	1	*North Facing*					
Fourth R15 / W19	Bedroom	32.80	31.41	1.39	4	94	94	0	*North Facing*					
Fourth R16 / W20	Bedroom	32.94	31.60	1.34	4	95	95	0	*North Facing*					
Fourth R18 / W23	Kitchen	33.16	31.98	1.18	4	86	86	0	*North Facing*					
Fourth R18 / W24		33.20	32.03	1.17	4									
Fourth R19 / W25	Dining Room	33.27	32.14	1.13	3	100	100	0	76	76	0	22	22	0
Fourth R19 / W26		33.46	32.37	1.09	3									
Fourth R19 / W31		32.76	32.76	0.00	0									
Fourth R19 / W32		32.07	32.07	0.00	0									
Fourth R19 / W28		38.34	38.20	0.14	0									
Fourth R19 / W29		38.33	38.19	0.14	0									
Fourth R19 / W27		37.39	37.25	0.14	0									
Fourth R19 / W30		37.52	37.39	0.13	0									
26 Ravenscourt Sq														
Ground R1 / W1	Bedroom^	32.01	29.85	2.16	7	99	99	0	*North Facing*					
24 Ravenscourt Sq														
First R2 / W1	Bedroom^	34.84	32.17	2.67	8	100	100	0	*North Facing*					
Second R1 / W1	Bedroom^	37.24	34.29	2.95	8	100	100	0	*North Facing*					
22 Ravenscourt Sq														
Ground R2 / W1	Bedroom^	33.17	31.45	1.72	5	99	99	0	*North Facing*					
20 Ravenscourt Sq														
First R1 / W1	Bedroom^	35.29	33.28	2.01	6	100	100	0	*North Facing*					
Second R1 / W1	Bedroom^	34.58	32.47	2.11	6	100	100	0	*North Facing*					
17 Ravenscourt Sq														

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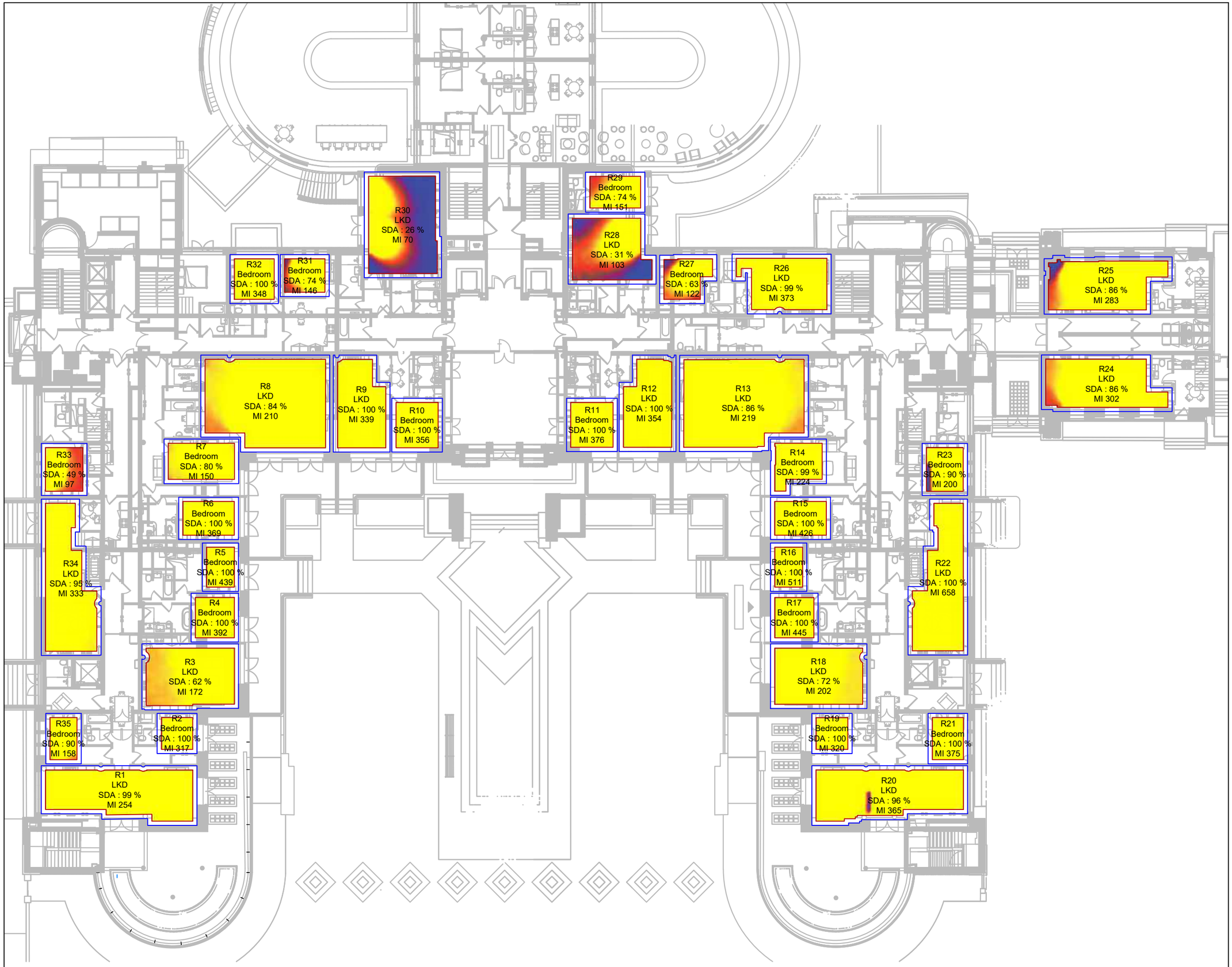
Daylight and Sunlight Result Spreadsheet

Room / Window Reference Number	Room Use. (Assumed*)	Vertical Sky Component (VSC) Results				No Sky Line (NSL) Results			Annual Probable Sunlight Hours (APSH) Results (per room)			Winter Probable Sunlight Hours (WPSH) Results (per room)		
		Existing VSC (%)	Proposed VSC (%)	Loss	% Loss	Existing Lit Area (%)	Proposed Lit Area (%)	% Loss	Existing	Proposed	% Loss	Existing	Proposed	% Loss
Lower Ground R1 / W1	Kitchen	22.11	24.00	-1.89	-9	97	99	-2	85	85	0	20	20	0
Lower Ground R1 / W2		20.99	23.88	-2.89	-14									
Lower Ground R1 / W3		20.28	22.98	-2.70	-13									
Lower Ground R1 / W4		72.79	72.88	-0.09	0									
Lower Ground R1 / W5		33.28	33.21	0.07	0									
Ground R1 / W1	Sitting Room	31.33	31.43	-0.10	0	97	97	0	86	86	0	21	21	0
Ground R1 / W2		28.34	28.73	-0.39	-1									
First R2 / W3	Bedroom	35.09	31.98	3.11	9	92	92	0	83	80	4	28	25	11
15 Ravenscourt Sq														
Lower Ground R1 / W1	KD	18.98	20.25	-1.27	-7	90	94	-5	72	76	-6	16	20	-25
Lower Ground R1 / W2		57.24	57.91	-0.67	-1									
Lower Ground R1 / W3		56.92	57.36	-0.44	-1									
Lower Ground R1 / W4		23.40	25.55	-2.15	-9									
Lower Ground R1 / W5		24.62	26.01	-1.39	-6									
Ground R1 / W1	Study	29.31	28.69	0.62	2	93	93	0	66	66	0	19	19	0
Ground R2 / W2	Reception Room	30.26	29.71	0.55	2	99	99	0	76	73	4	22	19	14
Ground R2 / W3		30.38	29.41	0.97	3									
First R1 / W1	Bedroom	34.41	31.85	2.56	7	98	98	0	77	73	5	27	23	15
First R2 / W2	Bedroom	34.98	32.51	2.47	7	98	98	0	81	77	5	28	24	14
First R3 / W3	Bedroom	34.36	31.88	2.48	7	99	99	0	75	73	3	27	25	7
Second R1 / W1	Bedroom	37.59	35.55	2.04	5	91	91	0	87	87	0	29	29	0
Second R1 / W2		37.58	35.56	2.02	5									
11 Ravenscourt Sq														
Ground R1 / W1	Conservatory	51.88	50.70	1.18	2	100	100	0	59	57	3	17	15	12
Ground R1 / W2		18.29	18.51	-0.22	-1									
Ground R1 / W3		22.61	21.37	1.24	5									
Ground R2 / W4	Kitchen	19.62	19.71	-0.09	0	87	87	1	41	40	2	9	8	11
Ground R2 / W5		22.30	22.82	-0.52	-2									
First R1 / W1	Bedroom	32.29	30.19	2.10	7	94	94	0	76	74	3	22	20	9
First R2 / W2	Bedroom	22.73	22.15	0.58	3	99	98	1	86	82	5	25	21	16
First R2 / W3		34.18	31.54	2.64	8									
Second R1 / W1	Bedroom	37.54	35.22	2.32	6	97	97	0	88	87	1	30	29	3
9 Ravenscourt Sq														
Ground R3 / W8	Kitchen	23.71	22.57	1.14	5	92	92	0	48	47	2	14	13	7
First R1 / W1	Bedroom	34.98	32.13	2.85	8	98	95	3	86	82	5	26	22	15
First R1 / W2		27.17	27.06	0.11	0									
First R2 / W3	Bedroom	33.31	32.19	1.12	3	94	94	0	75	75	0	21	21	0
Second R1 / W2	Bedroom	37.71	35.80	1.91	5	96	96	0	87	86	1	30	29	3

APPENDIX D

DRAWINGS FOR PROPOSED SCHEME



Ground Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

R1 Room Reference

Illuminance (Lux)

300 275 250 225 200 175 150 125 100 75 50 25 0

MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

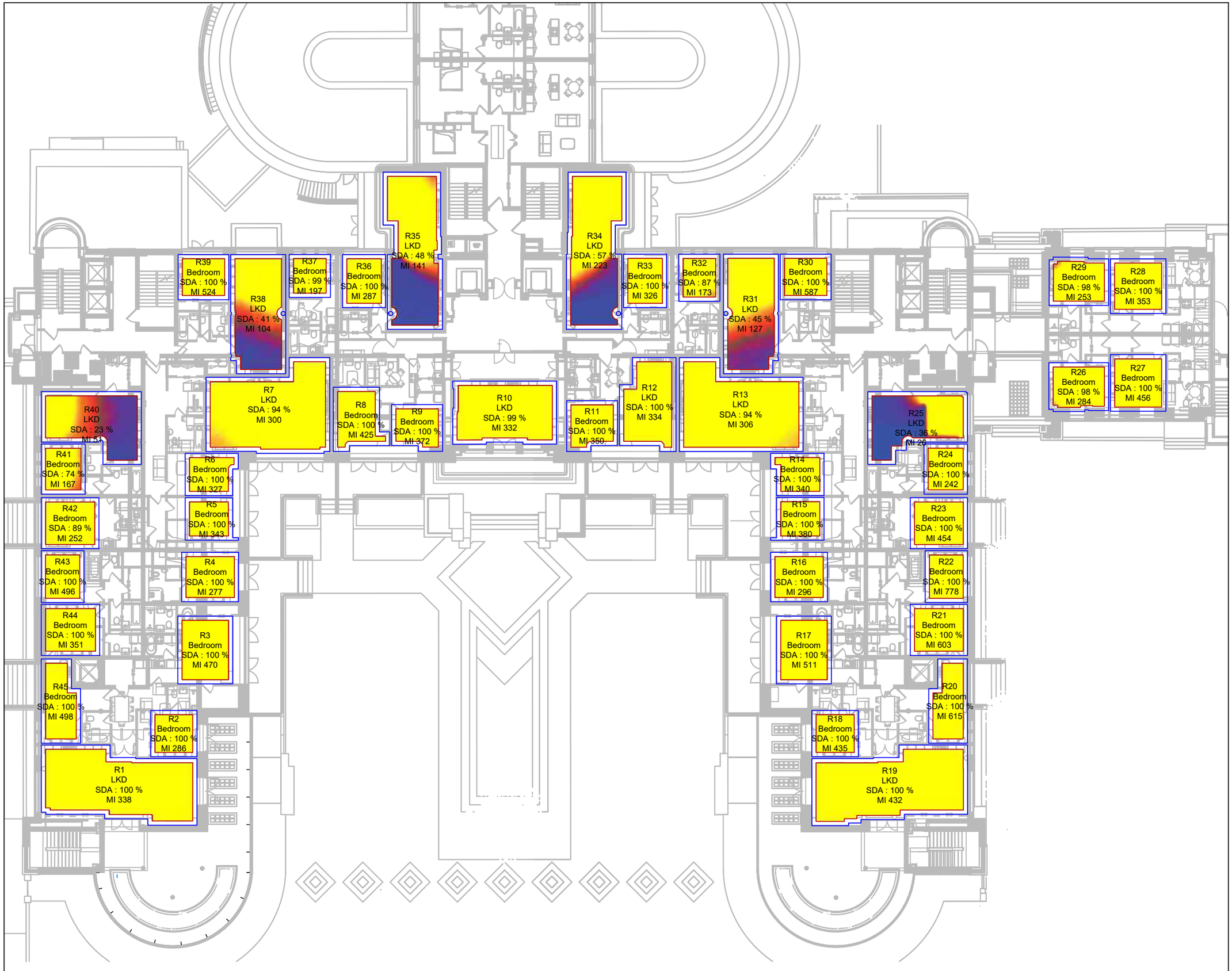
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block B

SCALE	DATE
1:250	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 501	

CONSIL



First Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

R1 Room Reference

Illuminance (Lux)

300 275 250 225 200 175 150 125 100 75 50 25 0

MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

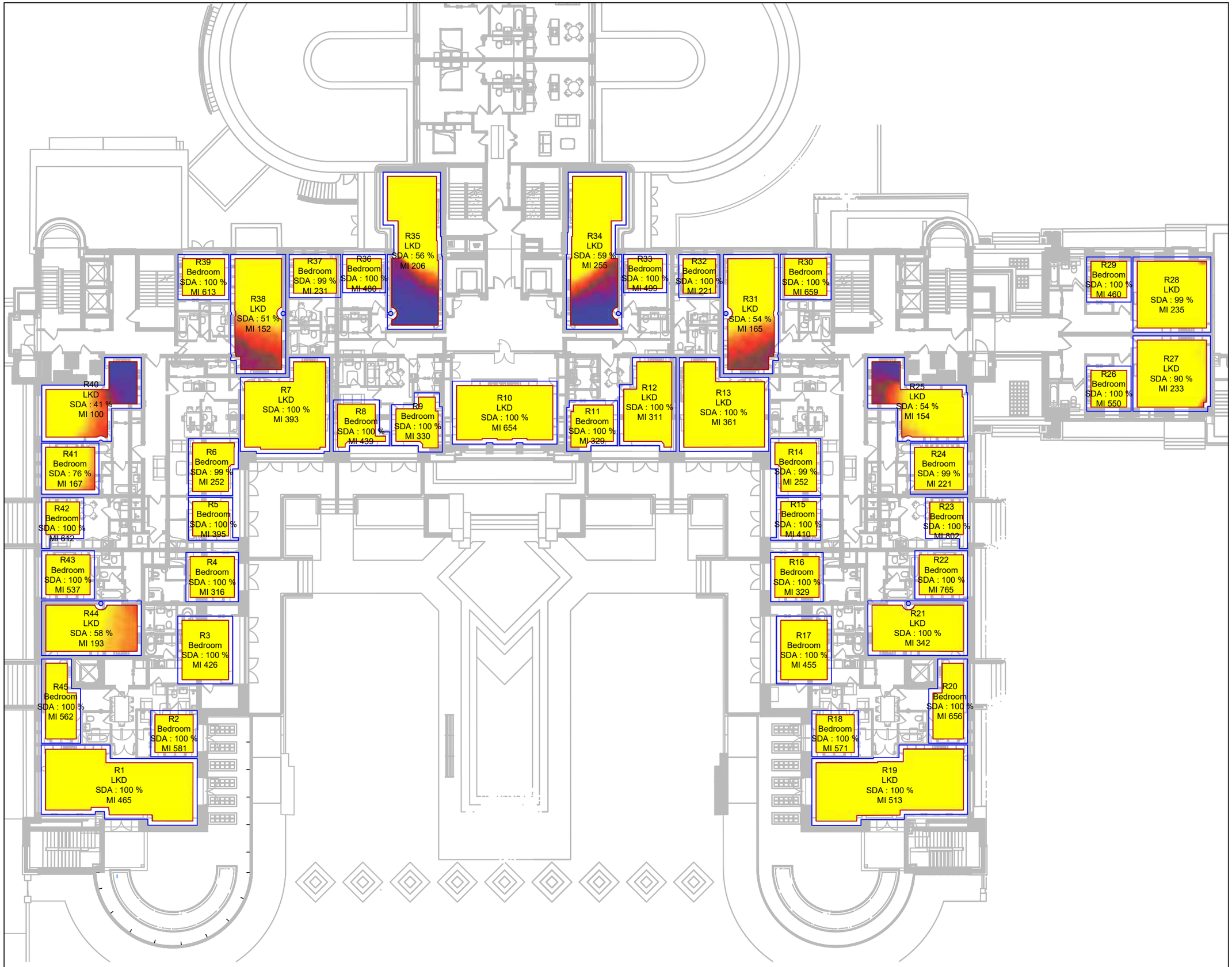
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block B

SCALE	DATE
1:250	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 502	

CONSIL



Second Floor

DO NOT SCALE

SOURCES OF INFORMATION:
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

R1 Room Reference

Illuminance (Lux)

300 275 250 225 200 175 150 125 100 75 50 25 0

MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

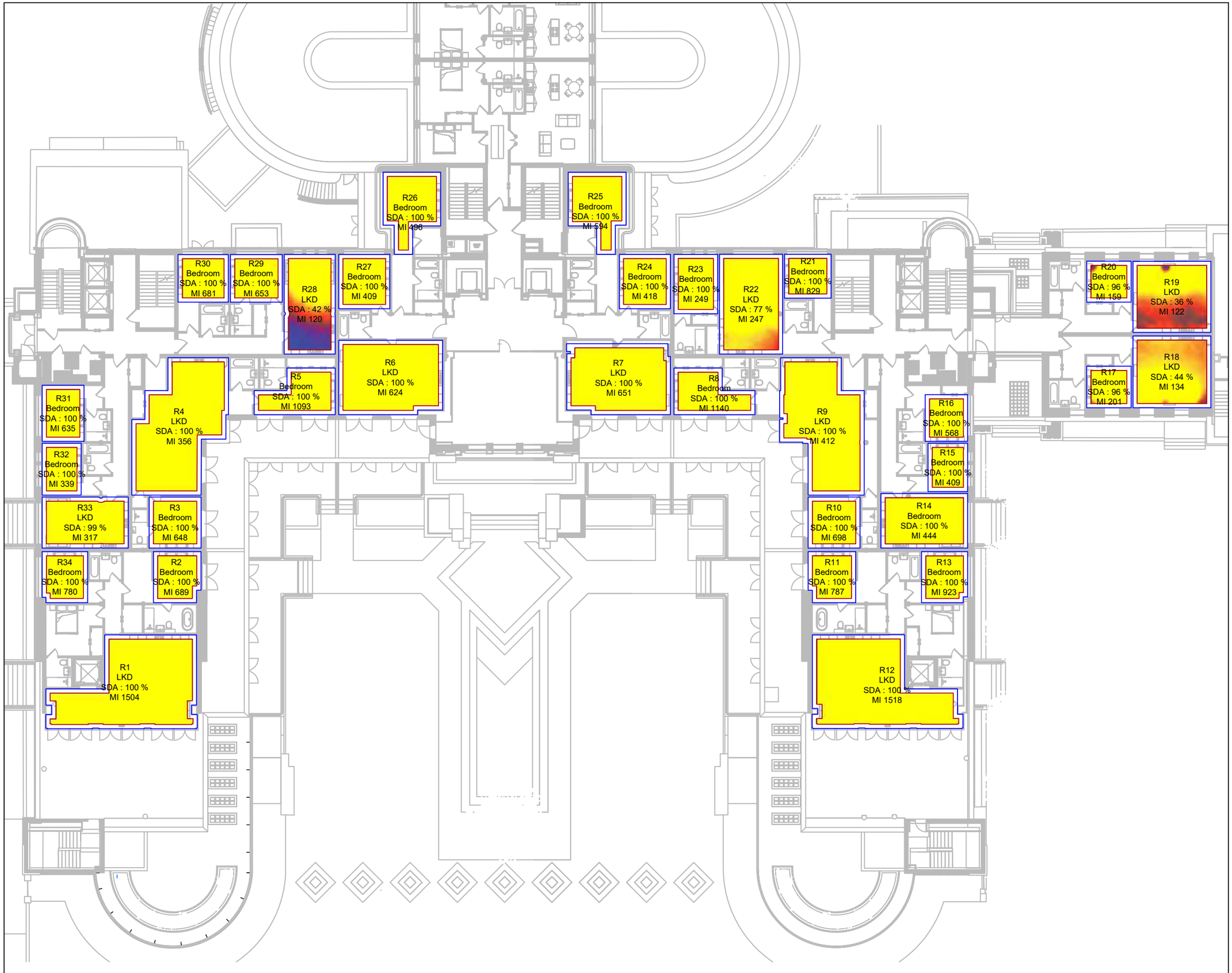
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block B

SCALE	DATE
1:250	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 503	

CONSIL



Third Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

R1 Room Reference

Illuminance (Lux)

300 275 250 225 200 | 175 150 125 100 75 | 50 25 0

MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

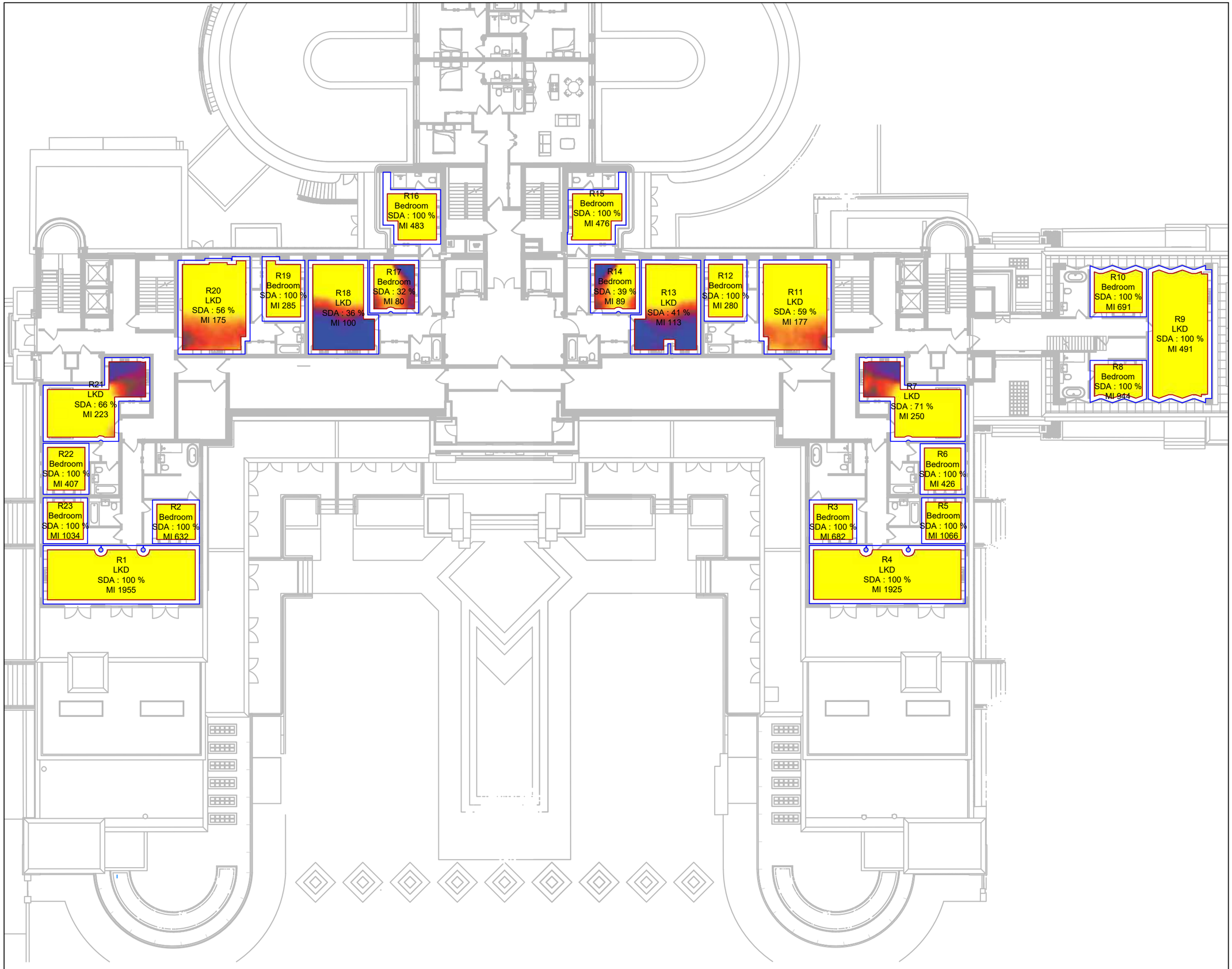
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block B

SCALE	DATE
1:250	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 504	

CONSIL



Fourth Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

R1 Room Reference

Illuminance (Lux)

300 275 250 225 200 | 175 150 125 100 75 | 50 25 0

MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

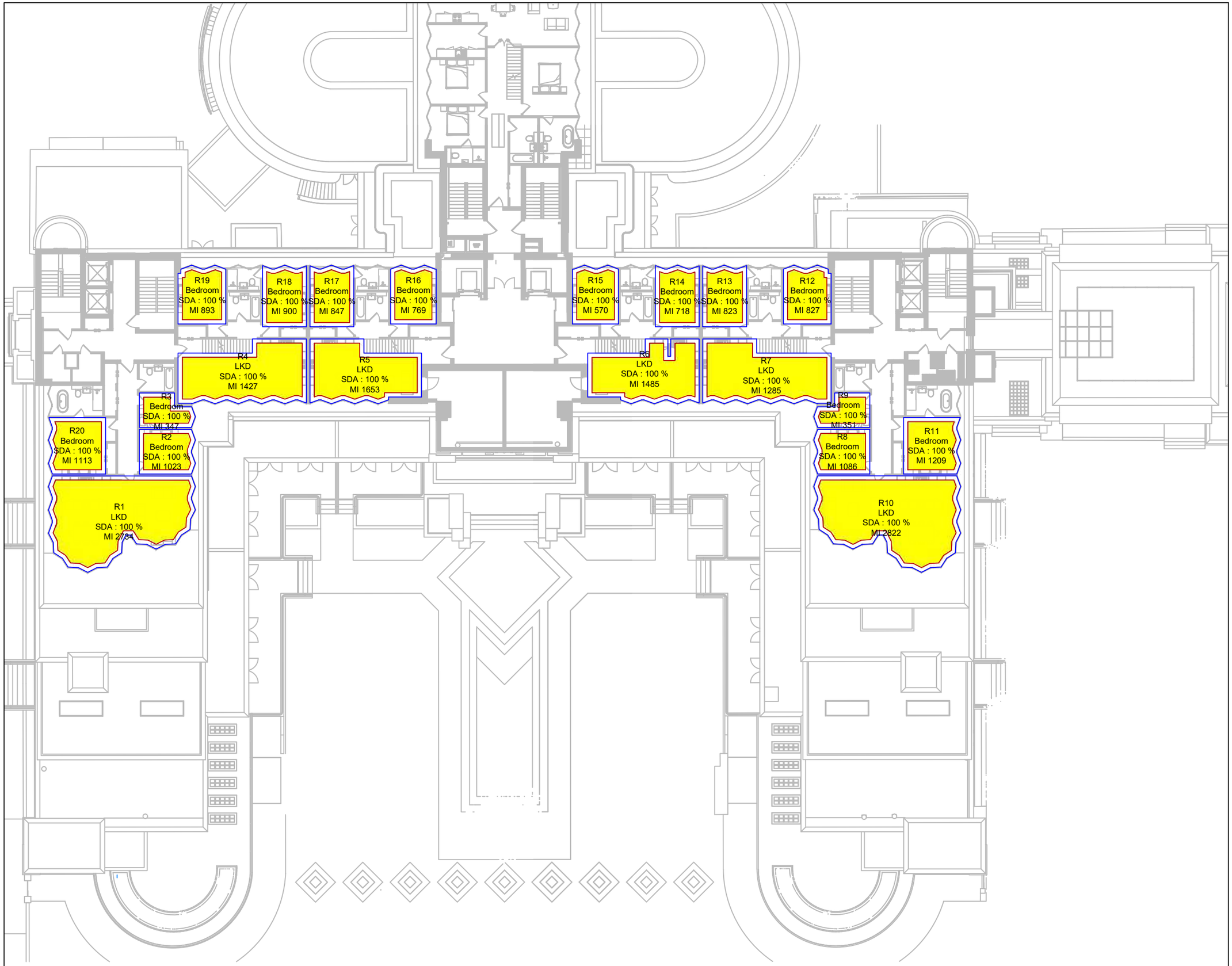
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block B

SCALE	DATE
1:250	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 505	

CONSIL



Fifth Floor

DO NOT SCALE

SOURCES OF INFORMATION:
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY
R1 Room Reference
Illuminance (Lux)
300 275 250 225 200
175 150 125 100 75
50 25 0
MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

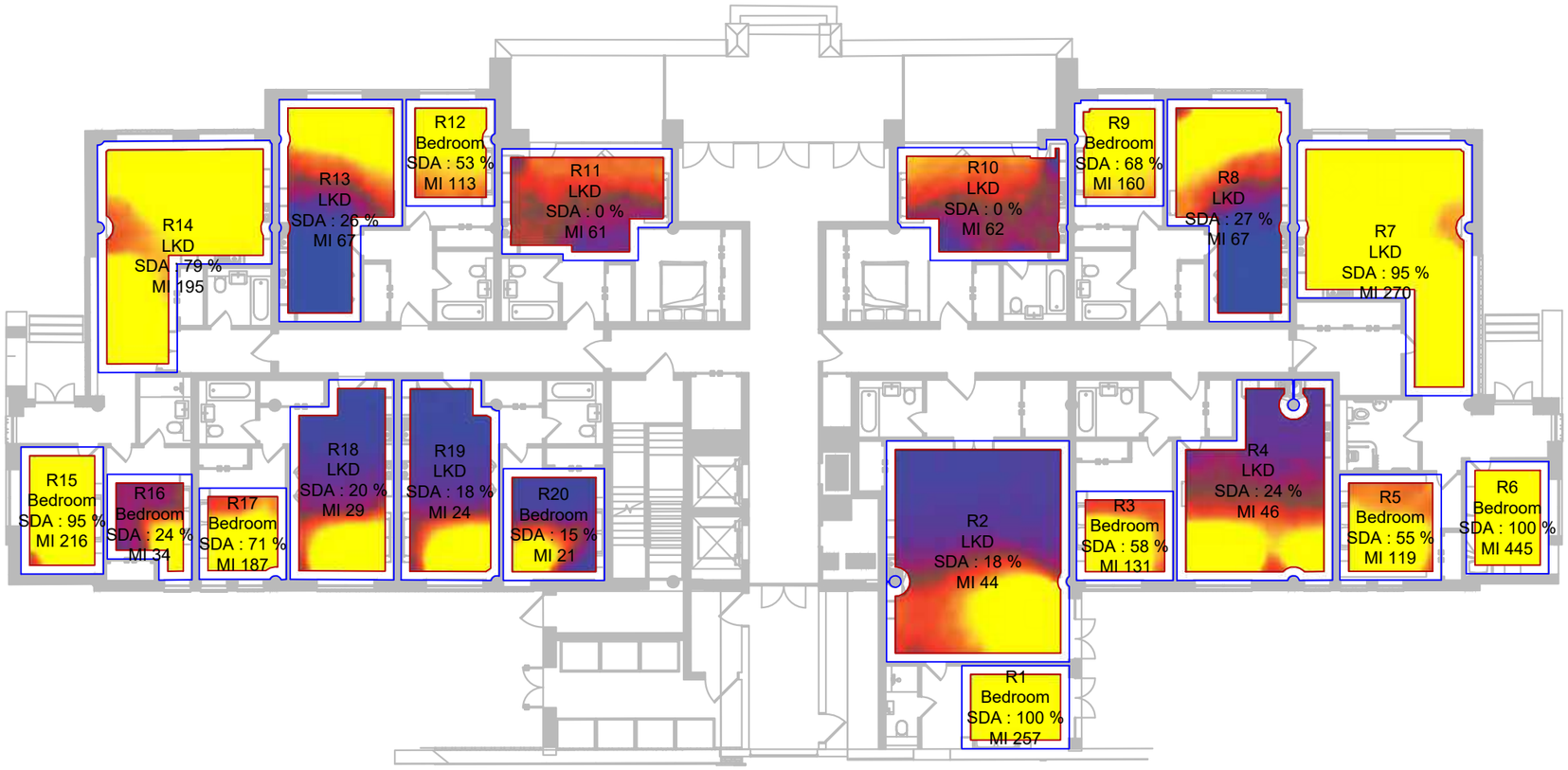
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

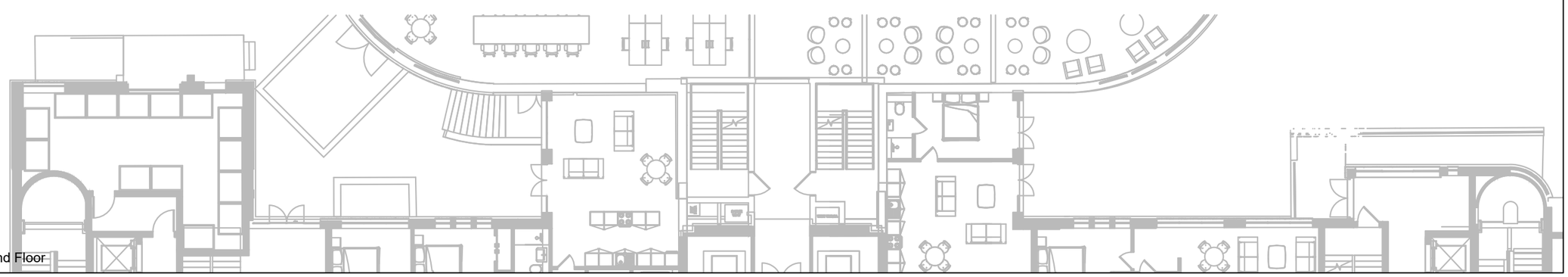
DRAWING TITLE
Illuminance (SDA) analysis
Block B

SCALE	DATE
1:250	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 506	

CONSIL





Ground Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

R1 Room Reference

Illuminance (Lux)

300 275 250 225 200 | 175 150 125 100 75 | 50 25 0

MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block D

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 507	

CONSIL

DO NOT SCALE

SOURCES OF INFORMATION:
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY
R1 Room Reference
Illuminance (Lux)
300 275 250 225 200
175 150 125 100 75
50 25 0
MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block C, D

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 508	

CONSIL

DO NOT SCALE

SOURCES OF INFORMATION:
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY
R1 Room Reference
Illuminance (Lux)
300 275 250 225 200
175 150 125 100 75
50 25 0
MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

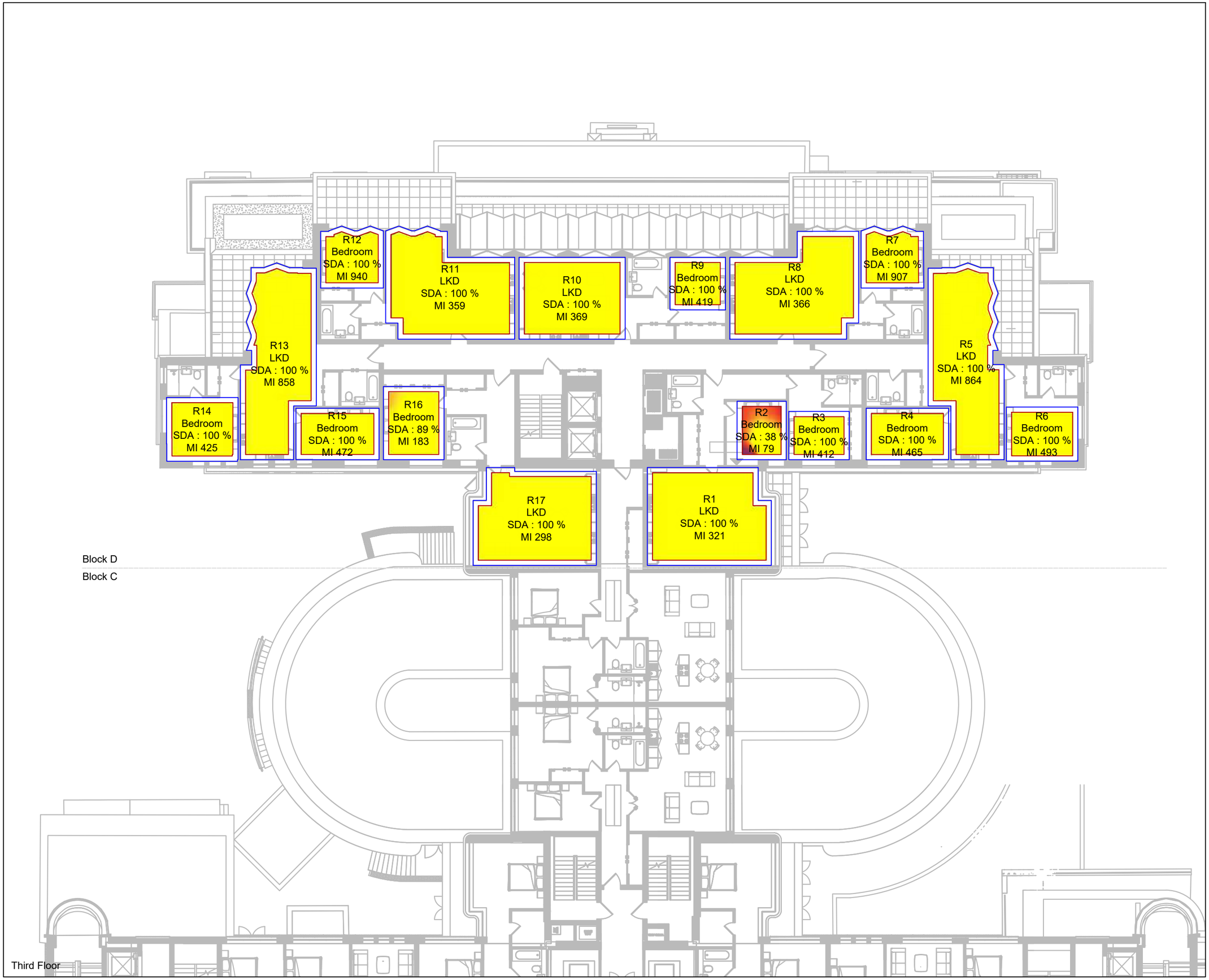
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block C, D

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 509	

CONSIL



DO NOT SCALE

SOURCES OF INFORMATION:
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY
R1 Room Reference
Illuminance (Lux)
300 275 250 225 200
175 150 125 100 75
50 25 0
MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

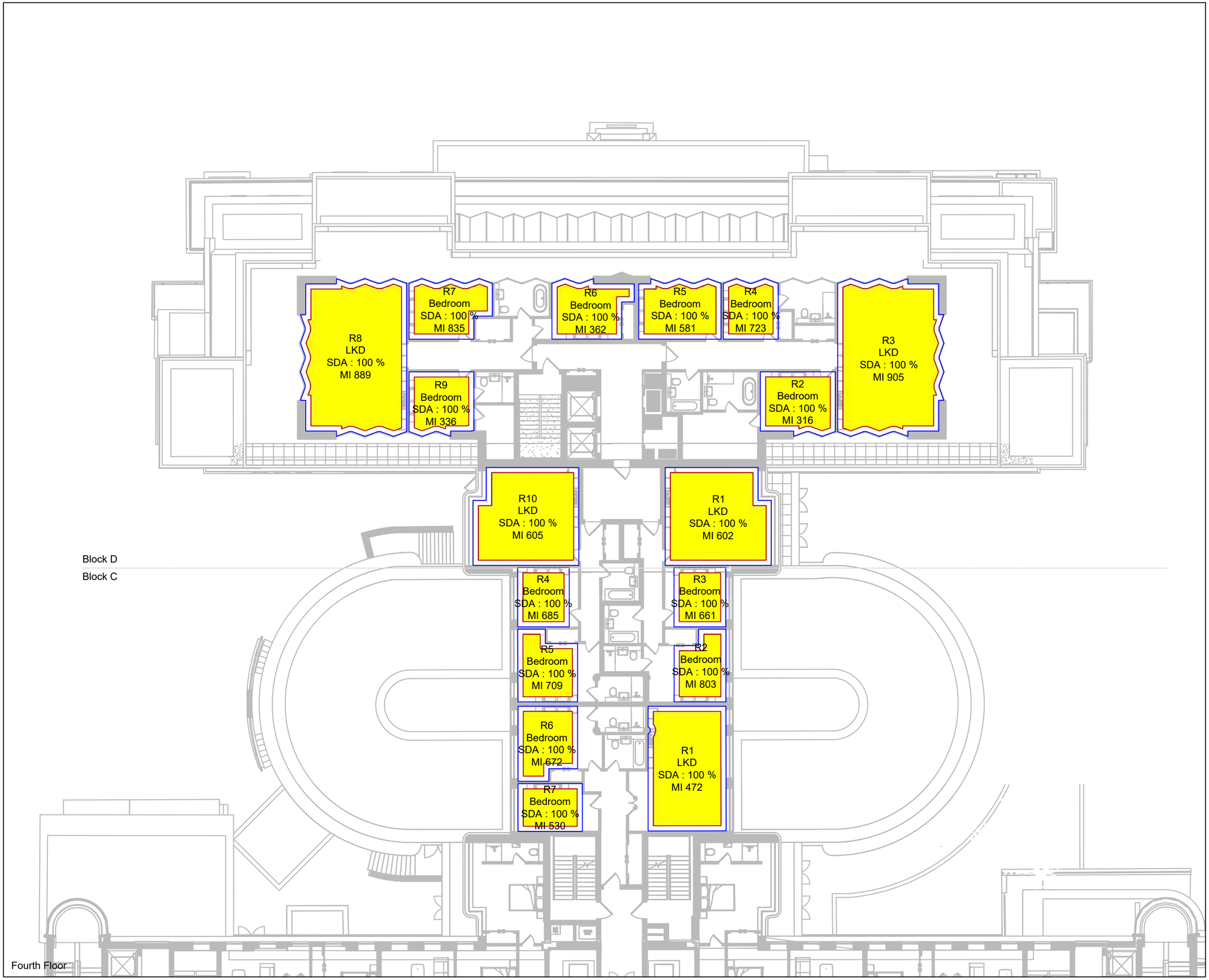
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block C, D

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 510	

CONSIL



DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

R1 Room Reference

Illuminance (Lux)

300 275 250 225 200
175 150 125 100 75
50 25 0

MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

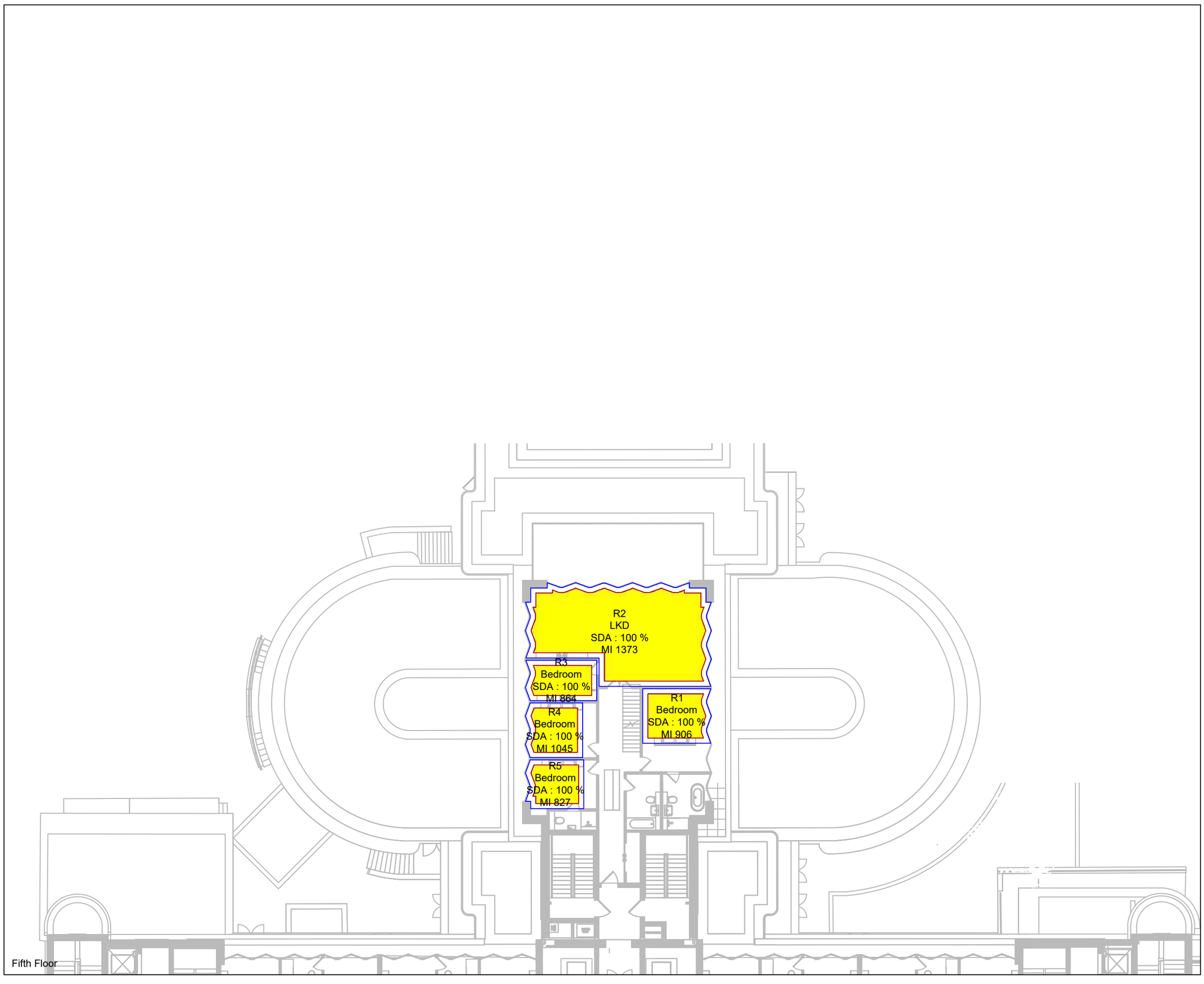
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block C, D

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 511	

CONSIL



DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

R1 Room Reference

Illuminance (Lux)

300 275 250 225 200 175 150 125 100 75 50 25 0

MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block C

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 512	

CONSIL

Ground Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

R1 Room Reference

Illuminance (Lux)

300 275 250 225 200
175 150 125 100 75
50 25 0

MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block E

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 513	

CONSIL

First Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

R1 Room Reference

Illuminance (Lux)

300 275 250 225 200 175 150 125 100 75 50 25 0

MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block E

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 514	

CONSIL

Second Floor

DO NOT SCALE

SOURCES OF INFORMATION:
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

R1 Room Reference

Illuminance (Lux)

300 275 250 225 200
175 150 125 100 75
50 25 0

MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block E

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 515	

CONSIL

Third Floor

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

R1 Room Reference

Illuminance (Lux)

300 275 250 225 200 175 150 125 100 75 50 25 0

MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

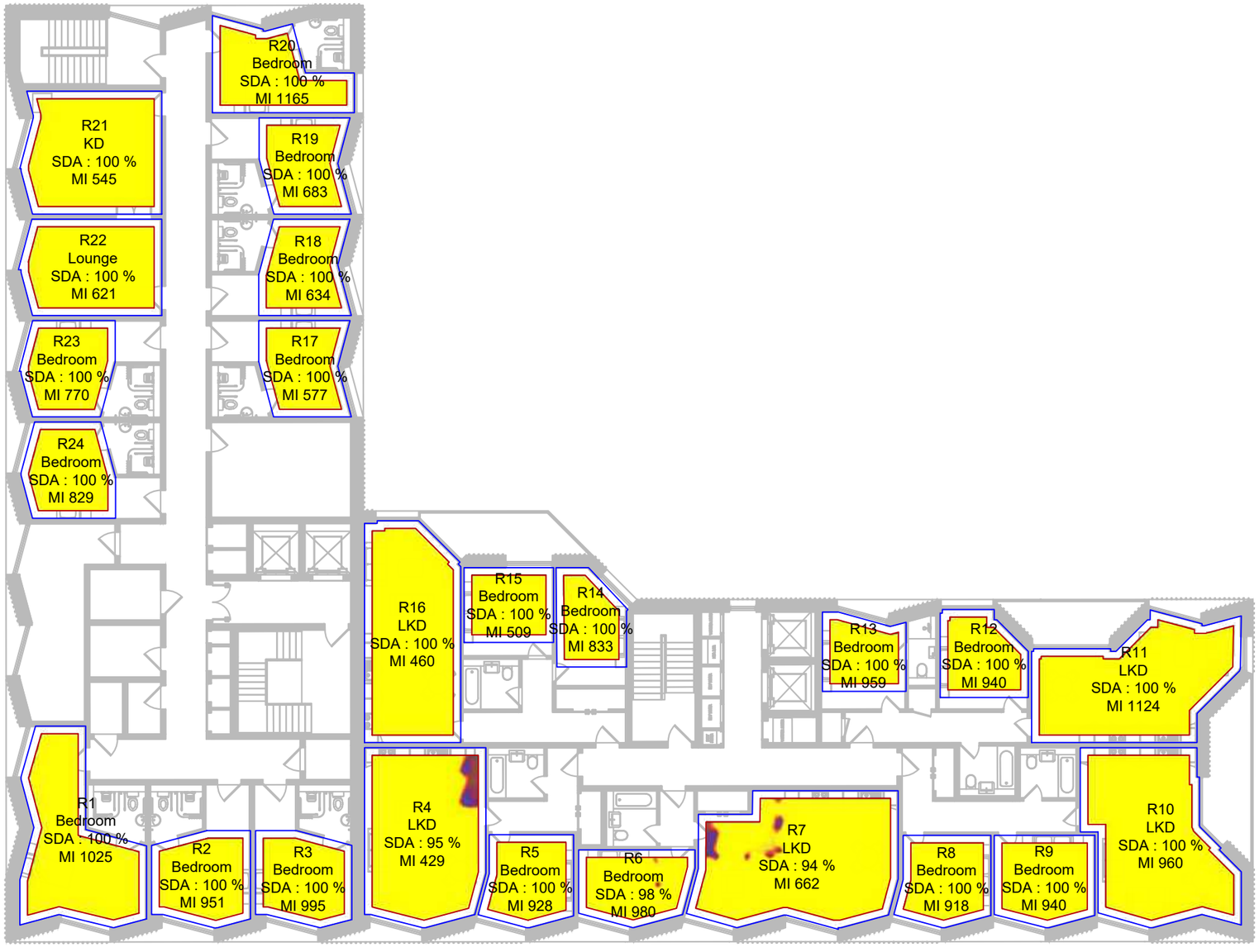
PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block E

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 516	

CONSIL



Fourth Floor

DO NOT SCALE

SOURCES OF INFORMATION:
SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY
R1 Room Reference

Illuminance (Lux)

300 275 250 225 200
175 150 125 100 75
50 25 0

MI Median Illuminance (Lux)

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Illuminance (SDA) analysis
Block E

SCALE	DATE
1:200	23/10/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 517	

CONSIL

DO NOT SCALE

SOURCES OF INFORMATION:

SPPARC proposed scheme received on 13/10/2023

Site Photos taken on 07/12/22 & 15/10/23

Laser Surveys 3D survey received on 08/12/22

N

KEY

Amenity area

Proposed area of direct sunlight

REV	DETAILS	DATE	BY
A	*	*	*

CLIENT
TT Group

PROJECT
Ravenscourt Park Hospital,
Ravenscourt Park, London W6 0TW

DRAWING TITLE
Permanent Overshadowing

SCALE	DATE
[Not to Scale]	16/11/2023
DRAWN BY	CHECKED BY
KB	JW

DWG No.	REV.
D+S /3/ 701	

CONSIL

APPENDIX E

ILLUMINANCE AND SUNLIGHT EXPOSURE RESULT SPREADSHEETS WITHIN THE PROPOSED SCHEME

CONSIL

Floor Ref.	Room Ref.	Property Type	Room Use.	Room Area (m²)	Effective Area (m²)	Median Lux	Area Meeting Target Lux (m²)	Area Meeting Target Lux	Target Lux
				Block B					
Ground	R1	Residential	LKD	41.57	32.73	254	32.56	99%	150
	R2	Residential	Bedroom	8.05	5.01	317	5.01	100%	100
	R3	Residential	LKD	31.63	25.01	172	15.39	62%	150
	R4	Residential	Bedroom	11.62	7.89	392	7.89	100%	100
	R5	Residential	Bedroom	8.79	5.55	439	5.55	100%	100
	R6	Residential	Bedroom	12.70	8.72	369	8.72	100%	100
	R7	Residential	Bedroom	16.72	12.01	150	9.59	80%	100
	R8	Residential	LKD	59.73	50.43	210	42.24	84%	150
	R9	Residential	LKD	25.75	19.58	339	19.58	100%	150
	R10	Residential	Bedroom	13.63	9.56	356	9.56	100%	100
	R11	Residential	Bedroom	13.57	9.51	376	9.51	100%	100
	R12	Residential	LKD	25.59	19.44	354	19.44	100%	150
	R13	Residential	LKD	59.36	50.09	219	43.06	86%	150
	R14	Residential	Bedroom	13.64	9.20	224	9.13	99%	100
	R15	Residential	Bedroom	12.75	8.76	426	8.76	100%	100
	R16	Residential	Bedroom	8.83	5.59	511	5.59	100%	100
	R17	Residential	Bedroom	11.67	7.93	445	7.93	100%	100
	R18	Residential	LKD	31.24	24.69	202	17.72	72%	150
	R19	Residential	Bedroom	8.13	5.06	320	5.06	100%	100
	R20	Residential	LKD	41.61	32.78	365	31.57	96%	150
	R21	Residential	Bedroom	10.02	6.56	375	6.56	100%	100
	R22	Residential	LKD	38.05	29.03	658	29.03	100%	150
	R23	Residential	Bedroom	11.85	8.07	200	7.25	90%	100
	R24	Residential	LKD	33.46	25.86	302	22.26	86%	150
	R25	Residential	LKD	33.12	25.45	283	21.93	86%	150
	R26	Residential	LKD	27.07	20.29	373	20.04	99%	150
	R27	Residential	Bedroom	12.61	8.46	122	5.29	63%	100
	R28	Residential	LKD	28.64	22.28	103	6.88	31%	150
	R29	Residential	Bedroom	11.94	8.07	151	5.98	74%	100
	R30	Residential	LKD	40.42	33.00	70	8.59	26%	150
	R31	Residential	Bedroom	10.30	6.80	146	5.01	74%	100
	R32	Residential	Bedroom	11.91	8.13	348	8.13	100%	100
	R33	Residential	Bedroom	11.95	8.15	97	4.04	49%	100
	R34	Residential	LKD	38.50	29.45	333	28.09	95%	150
	R35	Residential	Bedroom	8.99	5.70	158	5.13	90%	100
First	R1	Residential	LKD	52.05	42.38	338	42.38	100%	150
	R2	Residential	Bedroom	10.73	7.16	286	7.16	100%	100
	R3	Residential	Bedroom	18.65	13.80	470	13.80	100%	100
	R4	Residential	Bedroom	14.11	9.95	277	9.95	100%	100
	R5	Residential	Bedroom	10.19	6.66	343	6.66	100%	100
	R6	Residential	Bedroom	10.52	6.84	327	6.84	100%	100
	R7	Residential	LKD	50.71	41.73	300	39.20	94%	150
	R8	Residential	Bedroom	14.72	9.97	425	9.97	100%	100
	R9	Residential	Bedroom	11.19	7.41	372	7.41	100%	100
	R10	Residential	LKD	32.34	25.48	332	25.24	99%	150
	R11	Residential	Bedroom	12.17	8.23	350	8.23	100%	100
	R12	Residential	LKD	23.67	17.65	334	17.65	100%	150
	R13	Residential	LKD	50.09	41.20	306	38.84	94%	150
	R14	Residential	Bedroom	10.55	6.84	340	6.84	100%	100
	R15	Residential	Bedroom	10.26	6.71	380	6.71	100%	100
	R16	Residential	Bedroom	14.11	9.95	296	9.95	100%	100
	R17	Residential	Bedroom	18.65	13.80	511	13.80	100%	100
	R18	Residential	Bedroom	10.81	7.22	435	7.22	100%	100
	R19	Residential	LKD	52.20	42.51	432	42.51	100%	150
	R20	Residential	Bedroom	15.04	10.18	615	10.18	100%	100
	R21	Residential	Bedroom	14.69	10.45	603	10.45	100%	100
	R22	Residential	Bedroom	11.03	7.39	778	7.39	100%	100
	R23	Residential	Bedroom	14.69	10.45	454	10.45	100%	100
	R24	Residential	Bedroom	10.95	7.33	242	7.33	100%	100
	R25	Residential	LKD	28.80	21.79	26	7.74	36%	150
	R26	Residential	Bedroom	14.47	10.18	284	9.97	98%	100
	R27	Residential	Bedroom	15.78	11.37	456	11.37	100%	100
	R28	Residential	Bedroom	15.24	10.91	353	10.91	100%	100
	R29	Residential	Bedroom	14.18	9.96	253	9.78	98%	100
	R30	Residential	Bedroom	11.64	7.90	587	7.90	100%	100
	R31	Residential	LKD	32.56	25.34	127	11.44	45%	150
	R32	Residential	Bedroom	9.76	6.36	173	5.56	87%	100
	R33	Residential	Bedroom	11.55	7.81	326	7.81	100%	100
	R34	Residential	LKD	43.19	33.87	223	19.40	57%	150
	R35	Residential	LKD	42.78	33.34	141	16.12	48%	150

Floor Ref.	Room Ref.	Property Type	Room Use.	Room Area (m²)	Effective Area (m²)	Median Lux	Area Meeting Target Lux (m²)	Area Meeting Target Lux	Target Lux
First	R36	Residential	Bedroom	11.46	7.74	287	7.74	100%	100
	R37	Residential	Bedroom	8.89	5.67	197	5.59	99%	100
	R38	Residential	LKD	32.44	25.24	104	10.44	41%	150
	R39	Residential	Bedroom	11.53	7.81	524	7.81	100%	100
	R40	Residential	LKD	29.66	22.64	51	5.28	23%	150
	R41	Residential	Bedroom	11.06	7.42	167	5.52	74%	100
	R42	Residential	Bedroom	14.80	10.54	252	9.42	89%	100
	R43	Residential	Bedroom	11.15	7.49	496	7.49	100%	100
	R44	Residential	Bedroom	15.00	10.70	351	10.70	100%	100
	R45	Residential	Bedroom	15.23	10.34	498	10.34	100%	100
Second	R1	Residential	LKD	52.00	42.20	465	42.20	100%	150
	R2	Residential	Bedroom	10.81	7.22	581	7.22	100%	100
	R3	Residential	Bedroom	18.65	13.80	426	13.80	100%	100
	R4	Residential	Bedroom	13.06	9.08	316	9.08	100%	100
	R5	Residential	Bedroom	9.56	6.15	395	6.15	100%	100
	R6	Residential	Bedroom	13.54	9.36	252	9.28	99%	100
	R7	Residential	LKD	37.91	30.40	393	30.40	100%	150
	R8	Residential	Bedroom	11.77	7.56	439	7.56	100%	100
	R9	Residential	Bedroom	12.68	8.38	330	8.38	100%	100
	R10	Residential	LKD	33.00	26.12	654	26.12	100%	150
	R11	Residential	Bedroom	12.07	8.14	329	8.14	100%	100
	R12	Residential	LKD	23.65	17.64	311	17.64	100%	150
	R13	Residential	LKD	37.26	29.83	361	29.83	100%	150
	R14	Residential	Bedroom	13.57	9.39	252	9.31	99%	100
	R15	Residential	Bedroom	9.56	6.15	410	6.15	100%	100
	R16	Residential	Bedroom	13.06	9.08	329	9.08	100%	100
	R17	Residential	Bedroom	18.65	13.80	455	13.80	100%	100
	R18	Residential	Bedroom	10.81	7.22	571	7.22	100%	100
	R19	Residential	LKD	52.31	42.63	513	42.63	100%	150
	R20	Residential	Bedroom	15.12	10.25	656	10.25	100%	100
	R21	Residential	LKD	27.19	20.86	342	20.86	100%	150
	R22	Residential	Bedroom	12.84	8.89	765	8.89	100%	100
	R23	Residential	Bedroom	9.07	5.47	802	5.47	100%	100
	R24	Residential	Bedroom	14.70	10.45	221	10.37	99%	100
	R25	Residential	LKD	28.18	20.73	154	11.17	54%	150
	R26	Residential	Bedroom	10.06	6.62	550	6.62	100%	100
	R27	Residential	LKD	29.32	23.18	233	20.95	90%	150
	R28	Residential	LKD	29.48	23.33	235	23.07	99%	150
	R29	Residential	Bedroom	10.06	6.61	460	6.61	100%	100
	R30	Residential	Bedroom	11.64	7.90	659	7.90	100%	100
	R31	Residential	LKD	32.50	25.29	165	13.66	54%	150
	R32	Residential	Bedroom	8.87	5.65	221	5.65	100%	100
	R33	Residential	Bedroom	8.32	5.21	499	5.21	100%	100
	R34	Residential	LKD	43.17	33.85	255	20.00	59%	150
	R35	Residential	LKD	42.88	33.58	206	18.95	56%	150
	R36	Residential	Bedroom	8.29	5.19	480	5.19	100%	100
	R37	Residential	Bedroom	11.12	7.46	231	7.39	99%	100
	R38	Residential	LKD	32.48	25.28	152	12.91	51%	150
	R39	Residential	Bedroom	11.57	7.84	613	7.84	100%	100
	R40	Residential	LKD	28.23	20.77	100	8.51	41%	150
	R41	Residential	Bedroom	14.80	10.54	167	7.98	76%	100
	R42	Residential	Bedroom	9.09	5.48	612	5.48	100%	100
	R43	Residential	Bedroom	12.84	8.89	537	8.89	100%	100
	R44	Residential	LKD	27.32	20.97	193	12.15	58%	150
	R45	Residential	Bedroom	15.17	10.29	562	10.29	100%	100
Third	R1	Residential	LKD	54.55	43.96	1504	43.96	100%	150
	R2	Residential	Bedroom	11.92	8.09	689	8.09	100%	100
	R3	Residential	Bedroom	13.33	9.30	648	9.30	100%	100
	R4	Residential	LKD	50.90	41.31	356	41.31	100%	150
	R5	Residential	Bedroom	15.28	10.21	1093	10.21	100%	100
	R6	Residential	LKD	38.19	30.98	624	30.98	100%	150
	R7	Residential	LKD	36.18	28.96	651	28.96	100%	150
	R8	Residential	Bedroom	15.28	10.21	1140	10.21	100%	100
	R9	Residential	LKD	46.89	37.66	412	37.66	100%	150
	R10	Residential	Bedroom	13.33	9.30	698	9.30	100%	100
	R11	Residential	Bedroom	11.96	8.12	787	8.12	100%	100
	R12	Residential	LKD	54.11	43.80	1518	43.80	100%	150
	R13	Residential	Bedroom	11.70	7.93	923	7.93	100%	100
	R14	Residential	Bedroom	23.78	18.13	444	18.13	100%	100
	R15	Residential	Bedroom	9.64	6.25	409	6.25	100%	100
	R16	Residential	Bedroom	9.96	6.53	568	6.53	100%	100
	R17	Residential	Bedroom	9.28	5.99	201	5.74	96%	100
	R18	Residential	LKD	28.11	22.10	134	9.80	44%	150

Floor Ref.	Room Ref.	Property Type	Room Use.	Room Area (m²)	Effective Area (m²)	Median Lux	Area Meeting Target Lux (m²)	Area Meeting Target Lux	Target Lux
Third	R19	Residential	LKD	27.84	21.86	122	7.97	36%	150
	R20	Residential	Bedroom	9.15	5.88	159	5.63	96%	100
	R21	Residential	Bedroom	10.30	6.81	829	6.81	100%	100
	R22	Residential	LKD	31.63	25.06	247	19.19	77%	150
	R23	Residential	Bedroom	13.04	9.02	249	9.02	100%	100
	R24	Residential	Bedroom	13.94	9.82	418	9.82	100%	100
	R25	Residential	Bedroom	18.24	12.65	594	12.65	100%	100
	R26	Residential	Bedroom	18.10	12.52	496	12.52	100%	100
	R27	Residential	Bedroom	13.94	9.82	409	9.82	100%	100
	R28	Residential	LKD	25.56	19.50	120	8.21	42%	150
	R29	Residential	Bedroom	12.43	8.55	653	8.55	100%	100
	R30	Residential	Bedroom	12.02	8.22	681	8.22	100%	100
	R31	Residential	Bedroom	11.80	7.99	635	7.99	100%	100
	R32	Residential	Bedroom	10.19	6.68	339	6.68	100%	100
	R33	Residential	LKD	22.08	16.59	317	16.35	99%	150
	R34	Residential	Bedroom	11.58	7.83	780	7.83	100%	100
Fourth	R1	Residential	LKD	45.79	36.51	1955	36.51	100%	150
	R2	Residential	Bedroom	10.29	6.80	632	6.80	100%	100
	R3	Residential	Bedroom	10.38	6.87	682	6.87	100%	100
	R4	Residential	LKD	45.34	36.09	1925	36.09	100%	150
	R5	Residential	Bedroom	10.02	6.58	1066	6.58	100%	100
	R6	Residential	Bedroom	11.44	7.73	426	7.73	100%	100
	R7	Residential	LKD	29.83	22.10	250	15.60	71%	150
	R8	Residential	Bedroom	11.40	7.59	944	7.59	100%	100
	R9	Residential	LKD	42.30	34.17	491	34.17	100%	150
	R10	Residential	Bedroom	13.95	9.76	691	9.76	100%	100
	R11	Residential	LKD	33.69	26.98	177	16.03	59%	150
	R12	Residential	Bedroom	13.12	9.06	280	9.06	100%	100
	R13	Residential	LKD	30.03	22.96	113	9.39	41%	150
	R14	Residential	Bedroom	13.05	9.04	89	3.55	39%	100
	R15	Residential	Bedroom	15.57	10.44	476	10.44	100%	100
	R16	Residential	Bedroom	15.42	10.35	483	10.35	100%	100
	R17	Residential	Bedroom	12.98	8.99	80	2.87	32%	100
	R18	Residential	LKD	30.15	23.53	100	8.40	36%	150
	R19	Residential	Bedroom	13.38	9.18	285	9.18	100%	100
	R20	Residential	LKD	34.16	27.24	175	15.14	56%	150
	R21	Residential	LKD	30.04	22.28	223	14.78	66%	150
	R22	Residential	Bedroom	11.77	8.00	407	8.00	100%	100
	R23	Residential	Bedroom	10.21	6.73	1034	6.73	100%	100
Fifth	R1	Residential	LKD	54.40	45.02	2734	45.02	100%	150
	R2	Residential	Bedroom	12.12	8.28	1023	8.28	100%	100
	R3	Residential	Bedroom	8.04	4.67	347	4.67	100%	100
	R4	Residential	LKD	35.20	27.26	1427	27.26	100%	150
	R5	Residential	LKD	30.21	23.09	1653	23.09	100%	150
	R6	Residential	LKD	29.97	22.11	1485	22.11	100%	150
	R7	Residential	LKD	35.20	27.26	1285	27.26	100%	150
	R8	Residential	Bedroom	12.12	8.28	1086	8.28	100%	100
	R9	Residential	Bedroom	8.04	4.66	351	4.66	100%	100
	R10	Residential	LKD	54.48	45.11	2822	45.11	100%	150
	R11	Residential	Bedroom	15.57	11.14	1209	11.14	100%	100
	R12	Residential	Bedroom	13.50	9.42	827	9.42	100%	100
	R13	Residential	Bedroom	13.08	8.97	823	8.97	100%	100
	R14	Residential	Bedroom	13.07	8.96	718	8.96	100%	100
	R15	Residential	Bedroom	13.11	9.11	570	9.11	100%	100
	R16	Residential	Bedroom	12.96	8.98	769	8.98	100%	100
	R17	Residential	Bedroom	13.08	8.97	847	8.97	100%	100
	R18	Residential	Bedroom	13.08	8.97	900	8.97	100%	100
	R19	Residential	Bedroom	13.50	9.42	893	9.42	100%	100
	R20	Residential	Bedroom	15.57	11.14	1113	11.14	100%	100
Block C									
First	R1	Residential	LKD	32.28	25.60	307	25.52	100%	150
	R2	Residential	LKD	33.64	26.78	349	26.78	100%	150
	R3	Residential	Bedroom	8.42	5.30	527	5.30	100%	100
	R4	Residential	Bedroom	13.71	9.40	397	9.40	100%	100
	R5	Residential	Bedroom	13.76	9.45	361	9.45	100%	100
	R6	Residential	Bedroom	8.12	5.05	486	5.05	100%	100

Floor Ref.	Room Ref.	Property Type	Room Use.	Room Area (m²)	Effective Area (m²)	Median Lux	Area Meeting Target Lux (m²)	Area Meeting Target Lux	Target Lux
Second	R1	Residential	LKD	32.40	25.71	393	25.71	100%	150
	R2	Residential	LKD	37.76	30.24	368	30.24	100%	150
	R3	Residential	Bedroom	8.40	5.28	588	5.28	100%	100
	R4	Residential	Bedroom	13.71	9.40	542	9.40	100%	100
	R5	Residential	Bedroom	13.67	9.37	504	9.37	100%	100
	R6	Residential	Bedroom	8.04	4.99	556	4.99	100%	100
Third	R1	Residential	LKD	32.50	25.80	446	25.80	100%	150
	R2	Residential	LKD	33.63	26.77	474	26.77	100%	150
	R3	Residential	Bedroom	8.36	5.25	672	5.25	100%	100
	R4	Residential	Bedroom	13.75	9.44	630	9.44	100%	100
	R5	Residential	Bedroom	13.65	9.35	594	9.35	100%	100
	R6	Residential	Bedroom	8.04	4.99	547	4.99	100%	100
Fourth	R1	Residential	LKD	32.40	25.71	472	25.71	100%	150
	R2	Residential	Bedroom	11.24	7.29	803	7.29	100%	100
	R3	Residential	Bedroom	10.24	6.75	661	6.75	100%	100
	R4	Residential	Bedroom	10.18	6.70	685	6.70	100%	100
	R5	Residential	Bedroom	12.95	8.72	709	8.72	100%	100
	R6	Residential	Bedroom	13.69	9.39	672	9.39	100%	100
	R7	Residential	Bedroom	10.27	6.74	530	6.74	100%	100
Fifth	R1	Residential	Bedroom	12.10	8.18	906	8.18	100%	100
	R2	Residential	LKD	53.98	44.15	1373	44.15	100%	150
	R3	Residential	Bedroom	9.35	5.88	864	5.88	100%	100
	R4	Residential	Bedroom	10.05	6.60	1045	6.60	100%	100
	R5	Residential	Bedroom	9.09	5.78	827	5.78	100%	100
Block D									
Ground	R1	Residential	Bedroom	10.58	7.01	257	7.01	100%	100
	R2	Residential	LKD	47.71	39.45	44	6.91	18%	150
	R3	Residential	Bedroom	10.22	6.74	131	3.90	58%	100
	R4	Residential	LKD	32.47	24.74	46	6.01	24%	150
	R5	Residential	Bedroom	12.68	8.77	119	4.78	55%	100
	R6	Residential	Bedroom	10.97	7.31	445	7.31	100%	100
	R7	Residential	LKD	40.24	31.66	270	29.97	95%	150
	R8	Residential	LKD	27.52	20.73	67	5.62	27%	150
	R9	Residential	Bedroom	11.06	7.39	160	5.05	68%	100
	R10	Residential	LKD	21.65	15.98	62	0.00	0%	150
	R11	Residential	LKD	20.70	15.26	61	0.00	0%	150
	R12	Residential	Bedroom	11.15	7.45	113	3.96	53%	100
	R13	Residential	LKD	27.69	20.89	67	5.49	26%	150
	R14	Residential	LKD	35.52	27.45	195	21.71	79%	150
	R15	Residential	Bedroom	12.43	8.46	216	8.05	95%	100
	R16	Residential	Bedroom	9.34	5.76	34	1.39	24%	100
	R17	Residential	Bedroom	9.40	6.07	187	4.29	71%	100
	R18	Residential	LKD	23.33	17.42	29	3.54	20%	150
	R19	Residential	LKD	22.58	16.84	24	3.06	18%	150
	R20	Residential	Bedroom	13.39	9.36	21	1.45	15%	100
First	R1	Residential	LKD	38.61	31.27	230	26.42	84%	150
	R2	Residential	Bedroom	10.56	7.02	49	1.65	23%	100
	R3	Residential	Bedroom	11.46	7.75	188	5.85	75%	100
	R4	Residential	Bedroom	9.86	6.41	305	6.33	99%	100
	R5	Residential	Bedroom	9.03	5.69	279	4.74	83%	100
	R6	Residential	LKD	27.32	21.27	301	21.18	100%	150
	R7	Residential	Bedroom	19.66	14.10	182	14.03	100%	100
	R8	Residential	LKD	26.51	20.37	316	19.82	97%	150
	R9	Residential	LKD	29.53	22.96	58	5.99	26%	150
	R10	Residential	Bedroom	9.02	5.78	300	5.70	99%	100
	R11	Residential	LKD	26.69	19.79	43	1.48	7%	150
	R12	Residential	Bedroom	9.67	6.25	82	2.66	43%	100
	R13	Residential	Bedroom	10.22	6.73	79	3.07	46%	100
	R14	Residential	LKD	26.86	20.00	44	1.68	8%	150
	R15	Residential	Bedroom	9.66	6.25	288	6.01	96%	100
	R16	Residential	LKD	29.78	23.18	50	5.88	25%	150
	R17	Residential	Bedroom	10.04	6.60	161	5.47	83%	100
	R18	Residential	LKD	34.66	25.79	148	12.88	50%	150
	R19	Residential	LKD	34.42	27.66	168	15.15	55%	150
	R20	Residential	Bedroom	12.42	8.21	162	5.93	72%	100
	R21	Residential	Bedroom	8.81	5.59	302	4.97	89%	100
	R22	Residential	Bedroom	13.86	9.64	245	9.23	96%	100
	R23	Residential	LKD	37.39	30.20	151	15.01	50%	150
Second	R1	Residential	LKD	38.65	31.31	260	31.21	100%	150
	R2	Residential	Bedroom	15.20	10.81	36	1.97	18%	100
	R3	Residential	Bedroom	11.43	7.73	248	7.12	92%	100

Floor Ref.	Room Ref.	Property Type	Room Use.	Room Area (m²)	Effective Area (m²)	Median Lux	Area Meeting Target Lux (m²)	Area Meeting Target Lux	Target Lux
Second	R4	Residential	Bedroom	10.91	7.29	364	7.29	100%	100
	R5	Residential	Bedroom	9.02	5.68	358	5.68	100%	100
	R6	Residential	LKD	27.42	21.37	366	21.27	100%	150
	R7	Residential	Bedroom	11.82	8.01	248	8.01	100%	100
	R8	Residential	LKD	25.60	19.48	164	12.71	65%	150
	R9	Residential	LKD	29.79	23.21	56	7.10	31%	150
	R10	Residential	Bedroom	9.80	6.38	326	6.38	100%	100
	R11	Residential	LKD	27.52	20.61	1241	20.61	100%	150
	R12	Residential	Bedroom	10.39	6.87	1468	6.87	100%	100
	R13	Residential	Bedroom	10.51	6.97	1458	6.97	100%	100
	R14	Residential	LKD	27.54	20.58	1211	20.58	100%	150
	R15	Residential	Bedroom	11.72	7.97	261	7.41	93%	100
	R16	Residential	LKD	29.89	23.30	57	7.08	30%	150
	R17	Residential	Bedroom	10.20	6.73	284	6.73	100%	100
	R18	Residential	LKD	29.59	22.23	78	6.47	29%	150
	R19	Residential	LKD	34.51	27.75	242	21.75	78%	150
	R20	Residential	Bedroom	10.81	6.89	242	6.66	97%	100
	R21	Residential	Bedroom	8.81	5.59	380	5.59	100%	100
	R22	Residential	Bedroom	13.86	9.64	321	9.64	100%	100
	R23	Residential	LKD	37.47	30.26	226	20.42	67%	150
Third	R1	Residential	LKD	39.03	31.70	321	31.70	100%	150
	R2	Residential	Bedroom	9.59	6.22	79	2.33	38%	100
	R3	Residential	Bedroom	9.71	6.31	412	6.31	100%	100
	R4	Residential	Bedroom	14.13	9.86	465	9.86	100%	100
	R5	Residential	LKD	41.76	32.66	864	32.66	100%	150
	R6	Residential	Bedroom	12.87	8.88	493	8.88	100%	100
	R7	Residential	Bedroom	12.32	8.45	907	8.45	100%	100
	R8	Residential	LKD	39.83	31.99	366	31.99	100%	150
	R9	Residential	Bedroom	9.73	6.34	419	6.34	100%	100
	R10	Residential	LKD	28.96	22.81	369	22.81	100%	150
	R11	Residential	LKD	40.38	32.44	359	32.44	100%	150
	R12	Residential	Bedroom	12.35	8.48	940	8.48	100%	100
	R13	Residential	LKD	41.75	32.65	858	32.65	100%	150
	R14	Residential	Bedroom	15.18	10.85	425	10.85	100%	100
	R15	Residential	Bedroom	14.27	9.96	472	9.96	100%	100
	R16	Residential	Bedroom	14.79	10.51	183	9.38	89%	100
	R17	Residential	LKD	37.71	30.41	298	30.41	100%	150
Fourth	R1	Residential	LKD	33.20	26.49	602	26.49	100%	150
	R2	Residential	Bedroom	15.22	10.79	316	10.79	100%	100
	R3	Residential	LKD	51.61	42.84	905	42.84	100%	150
	R4	Residential	Bedroom	10.63	7.07	723	7.07	100%	100
	R5	Residential	Bedroom	15.83	11.26	581	11.26	100%	100
	R6	Residential	Bedroom	14.01	9.47	362	9.47	100%	100
	R7	Residential	Bedroom	14.72	10.15	835	10.15	100%	100
	R8	Residential	LKD	51.61	42.84	889	42.84	100%	150
	R9	Residential	Bedroom	13.21	9.13	336	9.13	100%	100
	R10	Residential	LKD	33.04	26.35	605	26.35	100%	150
Block E									
Ground	R1	Residential	Bedroom	12.87	8.96	525	8.96	100%	100
	R2	Residential	LKD	34.98	27.65	218	23.57	85%	150
	R3	Residential	LKD	32.71	25.60	168	13.97	55%	150
	R4	Residential	Bedroom	10.73	7.13	117	3.90	55%	100
	R5	Residential	Bedroom	9.63	6.19	285	6.19	100%	100
	R6	Residential	Bedroom	17.31	11.90	304	11.90	100%	100
	R7	Residential	LKD	31.81	24.90	186	14.59	59%	150
	R8	Residential	Bedroom	12.21	8.24	251	8.24	100%	100
	R9	Residential	Bedroom	12.17	8.21	345	8.21	100%	100
	R10	Residential	Bedroom	12.12	8.17	354	8.17	100%	100
	R11	Residential	Bedroom	12.18	8.22	366	8.22	100%	100
	R12	Residential	Bedroom	12.13	8.18	396	8.18	100%	100
	R13	Residential	Bedroom	12.12	8.17	450	8.17	100%	100
	R14	Residential	Bedroom	13.28	9.30	371	9.30	100%	100
	R15	Residential	Bedroom	13.19	9.26	381	9.26	100%	100
	R16	Residential	Bedroom	12.19	8.22	394	8.22	100%	100
	R17	Residential	KD	39.90	32.34	114	12.73	39%	150
	R18	Residential	Lounge	31.19	24.18	115	8.73	36%	150
	R19	Residential	Bedroom	12.16	8.20	305	8.20	100%	100
	R20	Residential	Bedroom	12.28	8.27	284	8.27	100%	100
First	R1	Residential	Bedroom	17.80	12.98	448	12.98	100%	100
	R2	Residential	Bedroom	13.54	9.56	553	9.56	100%	100
	R3	Residential	Bedroom	12.32	8.52	522	8.52	100%	100

Floor Ref.	Room Ref.	Property Type	Room Use.	Room Area (m²)	Effective Area (m²)	Median Lux	Area Meeting Target Lux (m²)	Area Meeting Target Lux	Target Lux
First	R4	Residential	LKD	25.84	20.08	257	19.73	98%	150
	R5	Residential	Bedroom	11.41	7.73	480	7.73	100%	100
	R6	Residential	Bedroom	13.71	9.70	461	9.70	100%	100
	R7	Residential	LKD	35.38	27.83	256	21.09	76%	150
	R8	Residential	Bedroom	11.35	7.68	633	7.68	100%	100
	R9	Residential	Bedroom	14.13	10.05	564	10.05	100%	100
	R10	Residential	LKD	54.67	43.95	678	43.95	100%	150
	R11	Residential	Bedroom	8.96	5.75	847	5.75	100%	100
	R12	Residential	Bedroom	13.47	9.31	497	9.31	100%	100
	R13	Residential	Bedroom	9.24	5.93	773	5.93	100%	100
	R14	Residential	Bedroom	15.38	10.30	505	10.30	100%	100
	R15	Residential	LKD	31.81	24.90	292	22.57	91%	150
	R16	Residential	Bedroom	12.16	8.21	341	8.21	100%	100
	R17	Residential	Bedroom	12.18	8.22	421	8.22	100%	100
	R18	Residential	Bedroom	12.12	8.17	460	8.17	100%	100
	R19	Residential	Bedroom	12.19	8.23	502	8.23	100%	100
	R20	Residential	Bedroom	12.12	8.17	533	8.17	100%	100
	R21	Residential	Bedroom	12.14	8.18	528	8.18	100%	100
	R22	Residential	Bedroom	13.28	9.30	420	9.30	100%	100
	R23	Residential	Bedroom	13.28	9.30	435	9.30	100%	100
	R24	Residential	Bedroom	12.15	8.19	530	8.19	100%	100
	R25	Residential	Bedroom	12.13	8.18	558	8.18	100%	100
	R26	Residential	KD	46.73	37.28	333	35.42	95%	150
	R27	Residential	Lounge	31.16	24.16	189	14.72	61%	150
	R28	Residential	Bedroom	12.16	8.19	463	8.19	100%	100
	R29	Residential	Bedroom	12.20	8.23	430	8.23	100%	100
	R30	Residential	Bedroom	12.19	8.22	430	8.22	100%	100
	R31	Residential	Bedroom	12.19	8.23	418	8.23	100%	100
	R32	Residential	Bedroom	13.32	9.14	436	9.14	100%	100
Second	R1	Residential	Bedroom	17.49	12.74	516	12.74	100%	100
	R2	Residential	Bedroom	13.30	9.39	638	9.39	100%	100
	R3	Residential	Bedroom	12.11	8.37	624	8.37	100%	100
	R4	Residential	LKD	25.87	20.11	306	20.11	100%	150
	R5	Residential	Bedroom	10.48	7.05	626	7.05	100%	100
	R6	Residential	Bedroom	10.96	7.40	693	7.40	100%	100
	R7	Residential	LKD	32.99	25.45	333	18.79	74%	150
	R8	Residential	Bedroom	9.22	5.99	764	5.99	100%	100
	R9	Residential	Bedroom	9.48	6.16	854	6.16	100%	100
	R10	Residential	LKD	33.83	26.52	741	26.52	100%	150
	R11	Residential	LKD	32.05	24.81	886	24.81	100%	150
	R12	Residential	Bedroom	10.73	7.12	802	7.12	100%	100
	R13	Residential	Bedroom	9.63	6.19	802	6.19	100%	100
	R14	Residential	Bedroom	9.64	6.24	706	6.24	100%	100
	R15	Residential	Bedroom	10.41	6.89	345	6.89	100%	100
	R16	Residential	LKD	31.79	24.89	312	24.32	98%	150
	R17	Residential	Bedroom	12.14	8.19	382	8.19	100%	100
	R18	Residential	Bedroom	12.17	8.22	462	8.22	100%	100
	R19	Residential	Bedroom	12.12	8.17	503	8.17	100%	100
	R20	Residential	Bedroom	12.15	8.20	527	8.20	100%	100
	R21	Residential	Bedroom	12.11	8.16	392	8.16	100%	100
	R22	Residential	Bedroom	12.12	8.17	400	8.17	100%	100
	R23	Residential	Bedroom	13.27	9.30	313	9.30	100%	100
	R24	Residential	Bedroom	13.28	9.30	335	9.30	100%	100
	R25	Residential	Bedroom	12.12	8.17	397	8.17	100%	100
	R26	Residential	Bedroom	12.14	8.18	427	8.18	100%	100
	R27	Residential	KD	46.68	37.25	306	36.92	99%	150
	R28	Residential	Lounge	31.17	24.16	188	15.50	64%	150
	R29	Residential	Bedroom	10.34	6.58	558	6.58	100%	100
	R30	Residential	Bedroom	12.18	8.22	420	8.22	100%	100
	R31	Residential	Bedroom	12.19	8.23	441	8.23	100%	100
	R32	Residential	Bedroom	12.16	8.21	438	8.21	100%	100
	R33	Residential	Bedroom	13.46	9.25	458	9.25	100%	100
Third	R1	Residential	Bedroom	26.26	19.20	768	19.20	100%	100
	R2	Residential	Bedroom	13.30	9.39	723	9.39	100%	100
	R3	Residential	Bedroom	12.11	8.37	718	8.37	100%	100
	R4	Residential	LKD	25.38	19.68	417	19.68	100%	150
	R5	Residential	Bedroom	11.15	7.55	731	7.55	100%	100
	R6	Residential	Bedroom	13.50	9.54	669	9.54	100%	100
	R7	Residential	LKD	34.92	27.43	400	24.48	89%	150
	R8	Residential	Bedroom	11.23	7.59	816	7.59	100%	100
	R9	Residential	Bedroom	13.84	9.82	692	9.82	100%	100
	R10	Residential	LKD	53.87	43.32	810	43.32	100%	150
	R11	Residential	Bedroom	10.23	6.76	919	6.76	100%	100

Floor Ref.	Room Ref.	Property Type	Room Use.	Room Area (m²)	Effective Area (m²)	Median Lux	Area Meeting Target Lux (m²)	Area Meeting Target Lux	Target Lux
Third	R12	Residential	Bedroom	13.22	9.12	612	9.12	100%	100
	R13	Residential	Bedroom	10.07	6.60	898	6.60	100%	100
	R14	Residential	Bedroom	9.63	6.24	736	6.24	100%	100
	R15	Residential	Bedroom	10.41	6.89	376	6.89	100%	100
	R16	Residential	LKD	31.80	24.89	343	24.83	100%	150
	R17	Residential	Bedroom	12.19	8.23	435	8.23	100%	100
	R18	Residential	Bedroom	12.15	8.20	495	8.20	100%	100
	R19	Residential	Bedroom	12.12	8.17	541	8.17	100%	100
	R20	Residential	Bedroom	15.17	10.13	929	10.13	100%	100
	R21	Residential	KD	25.69	19.97	412	19.97	100%	150
	R22	Residential	Lounge	20.24	15.22	476	15.22	100%	150
	R23	Residential	Bedroom	12.62	8.84	656	8.84	100%	100
	R24	Residential	Bedroom	12.67	8.88	649	8.88	100%	100
Fourth	R1	Residential	Bedroom	26.13	19.09	1025	19.09	100%	100
	R2	Residential	Bedroom	13.32	9.40	951	9.40	100%	100
	R3	Residential	Bedroom	12.93	9.07	995	9.07	100%	100
	R4	Residential	LKD	32.28	25.88	429	24.54	95%	150
	R5	Residential	Bedroom	11.90	8.15	928	8.15	100%	100
	R6	Residential	Bedroom	12.30	8.45	980	8.29	98%	100
	R7	Residential	LKD	38.87	31.41	662	29.52	94%	150
	R8	Residential	Bedroom	12.13	8.35	918	8.35	100%	100
	R9	Residential	Bedroom	13.49	9.53	940	9.53	100%	100
	R10	Residential	LKD	34.16	26.88	960	26.88	100%	150
	R11	Residential	LKD	32.05	24.81	1124	24.81	100%	150
	R12	Residential	Bedroom	10.73	7.13	940	7.13	100%	100
	R13	Residential	Bedroom	9.45	6.06	959	6.06	100%	100
	R14	Residential	Bedroom	9.65	6.25	833	6.25	100%	100
	R15	Residential	Bedroom	10.41	6.89	509	6.89	100%	100
	R16	Residential	LKD	31.80	24.89	460	24.89	100%	150
	R17	Residential	Bedroom	12.19	8.23	577	8.23	100%	100
	R18	Residential	Bedroom	12.19	8.23	634	8.23	100%	100
	R19	Residential	Bedroom	12.14	8.19	683	8.19	100%	100
	R20	Residential	Bedroom	15.34	10.24	1165	10.24	100%	100
	R21	Residential	KD	25.73	20.01	545	20.01	100%	150
	R22	Residential	Lounge	20.40	15.34	621	15.34	100%	150
	R23	Residential	Bedroom	12.71	8.91	770	8.91	100%	100
	R24	Residential	Bedroom	12.61	8.84	829	8.84	100%	100

CONSIL

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
			Block B			
Ground	R1	LKD	W1	173°	0	
			W2	173°	0	
			W3	173°	0	
			W4	173°	0	
			W5	173°	0	
			W6	173°	0	
			W7	173°	0	
			W8	173°	0	
			W9	173°	0	
			W10	173°	0	
			W11	173°	0	
			W12	173°	0	
			W13	173°	0	
			W14	173°	0	
			W15	173°	0	
			W16	173°	0	
			W17	173°	0	
			W18	173°	0	
			W19	173°	0	
			W20	173°	0	
			W21	173°	0	
			W22	173°	0	
			W23	173°	0	
			W24	173°	0	
			W25	83°N	1.3	
			W26	83°N	1.3	
			W27	83°N	1.3	
			W28	83°N	1	
			W29	83°N	0.6	
			W30	83°N	0.1	
			W31	83°N	1.3	
			W32	83°N	1.3	
			W33	83°N	0	
			W34	83°N	1.3	
			W35	83°N	1	
			W36	83°N	0.6	
			W37	83°N	0.1	
			W38	83°N	0	
			W583	263°	1.7	
			W584	263°	1.5	
			W585	263°	0.6	
			W586	263°	1.3	
			W587	263°	1.2	
			W588	263°	0.6	
			W589	263°	0.5	
			W590	263°	0.9	
			W591	263°	0.6	
					3.7	Medium
Ground	R2	Bedroom	W39	83°N	1.3	
			W40	83°N	1.3	
			W41	83°N	1.3	
			W42	83°N	1	
			W43	83°N	0.6	
			W44	83°N	0.1	
			W45	83°N	0	
			W46	83°N	1.3	
			W47	83°N	1.3	
			W48	83°N	1.3	
			W49	83°N	1	
			W50	83°N	0.6	
			W51	83°N	0.1	
			W52	83°N	0	
					1.3	Failed
Ground	R3	LKD	W53	83°N	1.7	
			W54	83°N	1.7	
			W55	83°N	1	
			W56	83°N	1.5	
			W57	83°N	2.9	
			W58	83°N	1.2	
			W59	83°N	2.9	
			W60	83°N	2.3	
			W61	83°N	2.4	
			W62	83°N	1.2	
			W63	83°N	2.8	

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Ground	R3	LKD	W64	83°N	2.8	
			W65	83°N	2.1	
			W66	83°N	2.1	
			W67	83°N	1.3	
					3.4	Medium
Ground	R4	Bedroom	W68	83°N	1.9	
			W69	83°N	1.9	
			W70	83°N	1.5	
			W71	83°N	1.5	
			W72	83°N	1.2	
			W73	83°N	2.4	
			W74	83°N	2.4	
			W75	83°N	2.5	
			W76	83°N	2.4	
			W77	83°N	1.2	
					3.5	Medium
Ground	R5	Bedroom	W78	83°N	1.5	
			W79	83°N	1.5	
			W80	83°N	0.8	
			W81	83°N	1.4	
			W82	83°N	1.2	
			W83	83°N	2.7	
			W84	83°N	2.7	
			W85	83°N	2.1	
			W86	83°N	2.3	
			W87	83°N	1.2	
					3.1	Medium
Ground	R6	Bedroom	W88	83°N	1.5	
			W89	83°N	0.8	
			W90	83°N	1.5	
			W91	83°N	1.4	
			W92	83°N	1.2	
			W93	83°N	2.7	
			W94	83°N	2.7	
			W95	83°N	2.1	
			W96	83°N	2.3	
			W97	83°N	1.2	
			W98	83°N	2.6	
			W99	83°N	2.6	
			W100	83°N	2	
			W101	83°N	2	
			W102	83°N	1.2	
					3.4	Medium
Ground	R7	Bedroom	W108	83°N	2	
			W109	83°N	2	
			W110	83°N	2	
			W111	83°N	2	
			W112	83°N	0.9	
					3.2	Medium
Ground	R8	LKD	W113	173°	3	
			W114	173°	3	
			W115	173°	3.7	
			W116	173°	3.5	
			W117	173°	0	
			W118	173°	3.5	
			W119	173°	3.5	
			W120	173°	0	
			W121	173°	0.4	
			W122	173°	3.8	
			W123	173°	3.8	
			W124	173°	0	
			W125	173°	3.8	
			W126	173°	0	
			W127	173°	0	
			W128	173°	3.8	
			W129	173°	3.8	
			W130	173°	4.2	
			W131	173°	0	
			W132	173°	0	
			W133	173°	3.6	
			W134	173°	3.6	
			W135	173°	3.4	
			W136	173°	0	
			W137	173°	0	
					4.8	High

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Ground	R9	LKD	W138	173°	3.8	
			W139	173°	3.8	
			W140	173°	4.9	
			W141	173°	0	
			W142	173°	0	
			W143	173°	4.1	
			W144	173°	4.1	
			W145	173°	4.7	
			W146	173°	0.2	
			W147	173°	0	
			W148	173°	3.3	
			W149	173°	3.3	
			W150	173°	4.7	
			W151	173°	1.1	
			W152	173°	0	
					5.6	High
Ground	R10	Bedroom	W153	173°	4.1	
			W154	173°	4.1	
			W155	173°	5.3	
			W156	173°	0.4	
			W157	173°	0	
			W158	173°	3.9	
			W159	173°	3.9	
			W160	173°	4.7	
			W161	173°	0.5	
			W162	173°	0	
					5.4	High
Ground	R11	Bedroom	W163	173°	3.5	
			W164	173°	3.5	
			W165	173°	4.4	
			W166	173°	0.4	
			W167	173°	0	
			W168	173°	3.6	
			W169	173°	3.6	
			W170	173°	5.1	
			W171	173°	1.7	
			W172	173°	0	
					5.9	High
Ground	R12	LKD	W173	173°	2.7	
			W174	173°	2.7	
			W175	173°	4.3	
			W176	173°	1.3	
			W177	173°	0	
			W178	173°	3.1	
			W179	173°	3.1	
			W180	173°	5	
			W181	173°	1.4	
			W182	173°	0	
			W183	173°	3.3	
			W184	173°	3.3	
			W185	173°	5.2	
			W186	173°	2	
			W187	173°	0	
					6	High
Ground	R13	LKD	W188	173°	2.4	
			W189	173°	2.4	
			W190	173°	3.4	
			W191	173°	0.6	
			W192	173°	0	
			W193	173°	3.8	
			W194	173°	2.8	
			W195	173°	2.8	
			W196	173°	4.7	
			W197	173°	2.2	
			W198	173°	0	
			W199	173°	2.4	
			W200	173°	2.4	
			W201	173°	4.3	
			W202	173°	2.6	
			W203	173°	0	
			W204	173°	2	
			W205	173°	2	
			W206	173°	4	
			W207	173°	1.7	
			W208	173°	0	
			W209	173°	3.7	
			W210	173°	2.3	

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Ground	R13	LKD	W211	173°	2.3	
			W212	173°	4.2	
			W213	173°	2.4	
			W214	173°	0	
					5.5	High
Ground	R14	Bedroom	W215	263°	2.4	
			W216	263°	2.4	
			W217	263°	2.5	
			W218	263°	1.8	
			W219	263°	2.4	
			W220	263°	1.8	
			W221	263°	1.6	
			W222	263°	1.4	
					3.7	Medium
Ground	R15	Bedroom	W223	263°	2.7	
			W224	263°	2.7	
			W225	263°	2.2	
			W226	263°	2.2	
			W227	263°	1.3	
			W228	263°	2.9	
			W229	263°	2.9	
			W230	263°	2.5	
			W231	263°	2.5	
			W232	263°	2	
			W233	263°	2	
			W234	263°	1.4	
			W235	263°	1.5	
					3.8	Medium
Ground	R16	Bedroom	W236	263°	2.6	
			W237	263°	2.6	
			W238	263°	2.6	
			W239	263°	2.5	
			W240	263°	2	
			W241	263°	2	
			W242	263°	1.7	
			W243	263°	1.5	
					3.8	Medium
Ground	R17	Bedroom	W244	263°	2.7	
			W245	263°	2.7	
			W246	263°	2.7	
			W247	263°	2.6	
			W248	263°	2.6	
			W249	263°	2.6	
			W250	263°	2.4	
			W251	263°	2	
					4.1	High
Ground	R18	LKD	W252	263°	3	
			W253	263°	3	
			W254	263°	2.6	
			W255	263°	2.7	
			W256	263°	1.6	
			W257	263°	3.2	
			W258	263°	3.2	
			W259	263°	2.8	
			W260	263°	2.9	
			W261	263°	2.3	
			W262	263°	2.3	
			W263	263°	1.8	
			W264	263°	1.8	
					4.2	High
Ground	R19	Bedroom	W265	263°	1.5	
			W266	263°	1.5	
			W267	263°	1.5	
			W268	263°	1.1	
			W269	263°	1.4	
			W270	263°	0.7	
			W271	263°	1.4	
			W272	263°	1.4	
			W273	263°	0.4	
			W274	263°	1.1	
			W275	263°	0.7	
			W276	263°	0	
			W277	263°	0.2	
			W278	263°	0	
					1.9	Minimum

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Ground	R20	LKD	W279	263°	1.8	
			W280	263°	1.8	
			W281	263°	1.8	
			W282	263°	1.3	
			W283	263°	0.8	
			W284	263°	0.4	
			W285	263°	0	
			W286	263°	1.5	
			W287	263°	1.5	
			W288	263°	1.5	
			W289	263°	1.3	
			W290	263°	0.8	
			W291	263°	0.2	
			W292	263°	0	
			W293	173°	0	
			W294	173°	0	
			W295	173°	0	
			W296	173°	0	
			W297	173°	0	
			W298	173°	0	
			W299	173°	0	
			W300	173°	0	
			W301	173°	0	
			W302	173°	0	
			W303	173°	0	
			W304	173°	0	
			W305	173°	0	
			W306	173°	0	
			W307	173°	0	
			W308	173°	0	
			W309	173°	0	
			W310	173°	0	
			W311	173°	0	
			W312	173°	0	
			W313	173°	0	
			W314	173°	0	
			W315	173°	0	
			W316	173°	0	
			W317	83°N	0	
			W318	83°N	0	
			W319	83°N	0.9	
			W320	83°N	0	
			W321	83°N	0.7	
			W322	83°N	0.2	
			W323	83°N	1.1	
			W324	83°N	1.1	
			W325	83°N	0.2	
					3.8	Medium
Ground	R21	Bedroom	W326	83°N	0	
			W327	83°N	0	
			W328	83°N	0	
			W329	83°N	0.1	
			W330	83°N	0.1	
			W331	83°N	0.2	
					0.2	Failed
Ground	R22	LKD	W332	83°N	0.5	
			W333	83°N	1.1	
			W334	83°N	1.2	
			W335	83°N	1.9	
			W336	83°N	2	
			W337	83°N	1.2	
			W338	83°N	2.1	
			W339	83°N	2.2	
			W340	83°N	1.2	
			W341	83°N	0.8	
			W342	83°N	1.3	
			W343	83°N	1.2	
			W344	83°N	2.1	
			W345	83°N	2	
			W346	83°N	1.2	
			W347	83°N	2.1	
			W348	83°N	2.2	
			W349	83°N	1.2	
			W350	83°N	0.8	
			W351	83°N	0.8	
			W352	83°N	0.8	
			W353	83°N	0.8	

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Ground	R22	LKD	W354	83°N	0.8	
			W355	83°N	0.8	
			W356	83°N	0.2	
			W357	83°N	2.9	
			W358	83°N	3	
			W359	83°N	3	
			W360	83°N	3	
			W361	83°N	3	
			W362	83°N	2.4	
			W363	83°N	0.2	
			W364	83°N	3.5	
			W365	83°N	3.5	
			W366	83°N	3.5	
			W367	83°N	3.5	
			W368	83°N	3.1	
			W369	83°N	2.4	
			W370	83°N	0.2	
			W371	83°N	3.6	
			W372	83°N	3.6	
			W373	83°N	3.6	
			W374	83°N	3.4	
			W375	83°N	3.1	
			W376	83°N	2.3	
			W377	83°N	0.2	
					3.6	Medium
Ground	R23	Bedroom	W378	83°N	0.6	
			W379	83°N	0.6	
			W380	83°N	0.3	
			W381	83°N	0.3	
			W382	83°N	0.1	
			W383	83°N	0.1	
					0.6	Failed
Ground	R24	LKD	W384	173°	3.5	
			W385	173°	3.8	
			W386	173°	0	
			W387	173°	1.3	
			W388	173°	3.8	
			W389	173°	0	
			W390	173°	1.5	
			W391	173°	3.8	
			W392	173°	0	
			W393	173°	1.7	
			W394	173°	3.7	
			W395	173°	0	
			W396	173°	1.9	
			W397	173°	3.7	
			W398	173°	0	
					4.7	High
Ground	R25	LKD	W399	353°N	0	
			W400	353°N	0	
			W401	353°N	0	
			W402	353°N	0	
			W403	353°N	0	
			W404	353°N	0	
			W405	353°N	0	
			W406	353°N	0	
			W407	353°N	0	
			W408	353°N	0	
			W409	353°N	0	
			W410	353°N	0	
			W411	353°N	0	
			W412	353°N	0	
			W413	353°N	0	
			W414	263°	0	
			W415	263°	0	
					0	Failed
Ground	R26	LKD	W416	353°N	0	
			W417	353°N	0	
			W418	353°N	0	
			W419	353°N	0	
			W420	353°N	0	
			W421	353°N	0	
			W422	353°N	0	
			W423	353°N	0	
			W424	353°N	0	
			W425	353°N	0	
			W426	353°N	0	

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Ground	R26	LKD	W427	353°N	0	
			W428	353°N	0	
			W429	353°N	0	
			W430	353°N	0	
			W431	353°N	0	
			W432	353°N	0	
			W433	353°N	0	
					0	Failed
Ground	R27	Bedroom	W434	353°N	0	
			W435	353°N	0	
			W436	353°N	0	
			W437	353°N	0	
					0	Failed
Ground	R28	LKD	W438	83°N	0	
			W439	83°N	0	
			W440	83°N	0	
			W441	83°N	0	
			W442	83°N	0	
			W443	83°N	0	
			W444	83°N	0	
			W445	83°N	0	
			W446	83°N	0	
			W447	83°N	0	
			W448	83°N	0	
			W449	83°N	0	
			W450	83°N	0	
			W451	83°N	0	
			W452	83°N	0	
			W453	83°N	0	
			W454	83°N	0	
			W456	83°N	0	
					0	Failed
Ground	R29	Bedroom	W455	83°N	0	
			W457	83°N	0	
			W458	83°N	0	
			W459	83°N	0	
			W460	83°N	0	
			W461	83°N	0	
			W462	83°N	0	
			W463	83°N	0	
			W464	83°N	0	
			W465	83°N	0	
			W466	83°N	0	
			W467	83°N	0	
			W468	83°N	0	
			W469	83°N	0	
			W470	83°N	0	
			W471	83°N	0	
			W472	83°N	0	
			W473	83°N	0	
					0	Failed
Ground	R30	LKD	W474	263°	0	
			W475	263°	0	
			W476	263°	0	
			W477	263°	0	
			W478	263°	0	
			W479	263°	0	
			W480	263°	0	
			W481	263°	0	
			W482	263°	0	
			W483	263°	0	
			W484	263°	0	
			W485	263°	0	
			W486	263°	0	
			W487	263°	0	
			W488	263°	0	
			W489	263°	0	
			W490	263°	0	
			W491	263°	0	
			W492	263°	0	
			W493	263°	0	
			W494	263°	0	
			W495	263°	0	
			W496	263°	0	
			W497	263°	0	
			W498	263°	0	
			W499	263°	0	

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Ground	R30	LKD	W500	263°	0	
			W501	263°	0	
			W502	263°	0	
			W503	263°	0	
			W504	263°	0	
			W505	263°	0	
			W506	263°	0	
			W507	263°	0	
			W508	263°	0	
			W509	263°	0	
					0	Failed
Ground	R31	Bedroom	W510	353°N	0	
			W511	353°N	0	
			W512	353°N	0	
			W513	353°N	0	
			W514	353°N	0	
			W515	353°N	0	
					0	Failed
Ground	R32	Bedroom	W516	353°N	0	
			W517	353°N	0	
			W518	353°N	0	
			W519	353°N	0	
			W520	353°N	0	
			W521	353°N	0	
			W522	353°N	0	
			W523	353°N	0	
			W524	353°N	0	
					0	Failed
Ground	R33	Bedroom	W525	263°	0	
			W526	263°	0	
			W527	263°	0	
			W528	263°	0	
			W529	263°	0	
			W530	263°	0	
					0	Failed
Ground	R34	LKD	W531	263°	1.7	
			W532	263°	1.7	
			W533	263°	1.7	
			W534	263°	1.6	
			W535	263°	1.3	
			W536	263°	0.5	
			W537	263°	0	
			W538	263°	1.8	
			W539	263°	1.8	
			W540	263°	1.8	
			W541	263°	1.6	
			W542	263°	1.3	
			W543	263°	0.5	
			W544	263°	0	
			W545	263°	1.4	
			W546	263°	1.4	
			W547	263°	1.4	
			W548	263°	1.4	
			W549	263°	1.3	
			W550	263°	0.5	
			W551	263°	0	
			W552	263°	0	
			W553	263°	0	
			W554	263°	0	
			W555	263°	0	
			W556	263°	0	
			W557	263°	0	
			W558	263°	0	
			W559	263°	1.2	
			W560	263°	0.7	
			W561	263°	0	
			W562	263°	1.4	
			W563	263°	0.7	
			W564	263°	0	
			W565	263°	0.8	
			W566	263°	0.2	
			W567	263°	0	
			W568	263°	1.9	
			W569	263°	1	
			W570	263°	0	
			W571	263°	1.9	
			W572	263°	1.2	

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Ground	R34	LKD	W573	263°	0.2	
			W574	263°	1.2	
			W575	263°	0.7	
			W576	263°	0.3	
					3	Medium
Ground	R35	Bedroom	W577	263°	0.7	
			W578	263°	0.8	
			W579	263°	0.7	
			W580	263°	0.8	
			W581	263°	0.8	
			W582	263°	0.8	
					0.9	Failed
First	R1	LKD	W1	173°	0	
			W2	173°	0	
			W3	173°	0	
			W4	83°N	1.3	
			W5	83°N	1	
			W6	83°N	1.3	
			W7	83°N	0.6	
			W8	83°N	0	
			W235	263°	1.5	
			W236	263°	1.8	
					3.8	Medium
First	R2	Bedroom	W9	83°N	1.3	
			W10	83°N	1	
			W11	83°N	0.6	
			W12	83°N	1.3	
			W13	83°N	0	
					1.3	Failed
First	R3	Bedroom	W14	83°N	1.5	
			W15	83°N	0	
			W16	83°N	1.5	
			W17	83°N	1.5	
			W18	83°N	1.5	
			W19	83°N	1.4	
			W20	83°N	1.5	
			W21	83°N	1.4	
			W22	83°N	1.5	
			W23	83°N	0	
			W24	83°N	0.4	
			W25	83°N	1.6	
			W26	83°N	1.5	
			W27	83°N	1.5	
			W28	83°N	1.4	
			W29	83°N	0	
			W30	83°N	1.5	
			W31	83°N	0.4	
			W32	83°N	1.6	
			W33	83°N	1.6	
			W34	83°N	0	
			W35	83°N	1.4	
			W36	83°N	1.6	
			W37	83°N	0.4	
			W38	83°N	1.6	
			W39	83°N	1.6	
			W40	83°N	0	
			W41	83°N	1.4	
			W42	83°N	0.5	
			W43	83°N	0	
					1.9	Minimum
First	R4	Bedroom	W44	83°N	1.4	
			W45	83°N	1.3	
			W46	83°N	1.1	
			W47	83°N	2.3	
			W48	83°N	1.9	
			W49	83°N	1.1	
					2.3	Minimum
First	R5	Bedroom	W50	353°N	0	
			W51	83°N	0.7	
			W52	83°N	1.6	
			W53	83°N	0	
					1.7	Minimum
First	R6	Bedroom	W54	83°N	1.4	
			W55	83°N	0	
			W56	83°N	1.6	
			W57	173°	0	
					1.6	Minimum

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
First	R7	LKD	W58	173°	4.1	
			W59	173°	4.4	
			W60	173°	0.4	
			W61	173°	4.7	
			W62	173°	0.4	
			W63	173°	0	
			W64	173°	0.4	
			W65	173°	5	
			W66	173°	0	
			W67	173°	0	
			W68	173°	0.7	
			W69	173°	4.1	
			W70	173°	0	
			W71	173°	0.7	
			W72	173°	0	
					5.6	High
First	R8	Bedroom	W73	83°N	0.8	
			W74	173°	3.4	
			W75	173°	4	
			W76	173°	0	
					5.3	High
First	R9	Bedroom	W77	173°	4.1	
			W78	173°	0	
			W79	173°	3.4	
			W80	263°	0	
					4.4	High
First	R10	LKD	W81	173°	0	
			W82	173°	0	
			W83	173°	0	
			W84	173°	0	
			W85	173°	0	
			W86	173°	0	
			W87	173°	0	
			W88	173°	0	
			W89	173°	0	
			W90	173°	0	
			W91	173°	0	
			W92	173°	0	
			W93	173°	0	
			W94	173°	0	
			W95	173°	0	
			W96	173°	0	
			W97	173°	0	
			W98	173°	0	
			W99	173°	0	
			W100	173°	0	
			W101	173°	0	
					0	Failed
First	R11	Bedroom	W102	83°N	0	
			W103	173°	2.3	
			W104	173°	3.9	
			W106	173°	0	
					4.1	High
First	R12	LKD	W105	173°	4.2	
			W107	173°	3.6	
			W108	173°	0	
			W109	173°	2.4	
			W110	263°	0.3	
					5.4	High
First	R13	LKD	W111	173°	4.9	
					4.9	High
First	R14	Bedroom	W112	173°	0	
			W113	263°	1.7	
			W114	263°	1.9	
			W116	263°	0	
					2	Minimum
First	R15	Bedroom	W115	263°	1.9	
			W117	263°	1.7	
			W118	263°	0	
			W119	263°	0.4	
			W120	353°N	0	
					2	Minimum
First	R16	Bedroom	W121	263°	3.1	
					3.1	Medium
First	R17	Bedroom	W122	263°	2	
					2	Minimum

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
First	R18	Bedroom	W123	263°	2	
			W124	263°	1.3	
			W125	263°	1.5	
			W126	263°	0.8	
			W127	263°	0	
					2	Minimum
First	R19	LKD	W128	263°	2	
			W129	263°	1.3	
			W130	263°	0.8	
			W131	263°	1.5	
			W132	263°	0	
			W133	173°	0	
			W134	173°	0	
			W135	173°	0	
			W136	83°N	0.1	
			W137	83°N	1.1	
			W138	83°N	0.4	
			W139	83°N	1.5	
			W140	83°N	1.3	
			W141	83°N	0.5	
			W142	83°N	2.1	
			W143	83°N	1.2	
			W144	83°N	1.2	
			W145	83°N	0.8	
			W146	83°N	0.8	
					4.7	High
First	R20	Bedroom	W147	83°N	0.6	
			W148	83°N	0.6	
			W149	83°N	0.6	
			W150	83°N	0.6	
			W151	83°N	0.8	
			W152	83°N	1.4	
			W153	83°N	1.2	
			W154	83°N	2.1	
			W155	83°N	2	
			W156	83°N	1.2	
			W157	83°N	2.1	
			W158	83°N	2.1	
			W159	83°N	1.2	
					3.1	Medium
First	R21	Bedroom	W160	83°N	0.8	
			W161	83°N	1.3	
			W162	83°N	1.2	
			W163	83°N	2.1	
			W164	83°N	2	
			W165	83°N	1.2	
			W166	83°N	2.1	
			W167	83°N	2.1	
			W168	83°N	1.2	
					3.1	Medium
First	R22	Bedroom	W169	83°N	0.8	
			W170	83°N	1.3	
			W171	83°N	1.2	
			W172	83°N	2.1	
			W173	83°N	2	
			W174	83°N	1.2	
			W175	83°N	2.1	
			W176	83°N	2.1	
			W177	83°N	1.2	
					3.1	Medium
First	R23	Bedroom	W178	83°N	0.8	
			W179	83°N	1.4	
			W180	83°N	1.2	
			W181	83°N	2.1	
			W182	83°N	2	
			W183	83°N	1.2	
			W184	83°N	2.1	
			W185	83°N	2.1	
			W186	83°N	1.2	
					3.1	Medium
First	R24	Bedroom	W187	83°N	0.6	
			W188	83°N	0.6	
			W189	83°N	0.3	
			W190	83°N	0.3	
			W191	83°N	0.1	
			W192	83°N	0.2	
					0.6	Failed

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
First	R25	LKD	W193	83°N	0.2	
			W194	83°N	0.8	
			W195	83°N	0.8	
			W196	83°N	1.5	
			W197	83°N	1.5	
			W198	83°N	0.8	
			W199	83°N	1.5	
			W200	83°N	1.6	
			W201	83°N	0.8	
					2.7	Minimum
First	R26	Bedroom	W202	173°	3.7	
			W203	173°	0	
					3.7	Medium
First	R27	Bedroom	W203	173°	0	
			W204	173°	2	
					2	Minimum
First	R28	Bedroom	W205	353°N	0	
					0	Failed
First	R29	Bedroom	W206	353°N	0	
			W207	353°N	0	
					0	Failed
First	R30	Bedroom	W208	353°N	0	
					0	Failed
First	R31	LKD	W209	353°N	0	
					0	Failed
First	R32	Bedroom	W210	353°N	0	
			W211	353°N	0	
					0	Failed
First	R33	Bedroom	W212	353°N	0	
					0	Failed
First	R34	LKD	W213	173°	0	
			W214	83°N	0	
			W215	83°N	0	
					0	Failed
First	R35	LKD	W216	263°	0	
			W217	173°	0	
			W218	263°	0	
					0	Failed
First	R36	Bedroom	W219	353°N	0	
					0	Failed
First	R37	Bedroom	W220	353°N	0	
			W221	353°N	0	
			W222	353°N	0	
					0	Failed
First	R38	LKD	W223	353°N	0	
					0	Failed
First	R39	Bedroom	W224	353°N	0	
					0	Failed
First	R40	LKD	W225	263°	1.3	
					1.3	Failed
First	R41	Bedroom	W226	263°	0	
			W227	263°	0	
			W228	263°	0	
					0	Failed
First	R42	Bedroom	W229	263°	1.4	
					1.4	Failed
First	R43	Bedroom	W230	263°	1.6	
					1.6	Minimum
First	R44	Bedroom	W231	263°	1.9	
					1.9	Minimum
First	R45	Bedroom	W232	263°	2	
			W233	263°	1.5	
			W234	263°	1.5	
					3.1	Medium
Second	R1	LKD	W1	173°	0.8	
			W2	173°	0.4	
			W3	173°	0	
			W4	83°N	1.9	
			W5	83°N	1.6	
			W6	83°N	3.4	
			W7	83°N	1.9	
			W8	83°N	0.7	
			W10	83°N	0.7	
			W201	263°	1.8	
			W202	263°	2.2	
					6.3	High

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Second	R2	Bedroom	W9	83°N	1.9	
			W11	83°N	1.6	
			W12	83°N	1.9	
			W13	83°N	3.4	
			W14	83°N	0.7	
			W15	83°N	0.7	
					3.4	Medium
Second	R3	Bedroom	W16	83°N	0	
			W17	83°N	1.5	
			W18	83°N	0	
					1.5	Minimum
Second	R4	Bedroom	W19	83°N	2.3	
					2.3	Minimum
Second	R5	Bedroom	W20	353°N	0	
			W21	83°N	0.7	
			W22	83°N	1.7	
			W23	83°N	0	
					1.7	Minimum
Second	R6	Bedroom	W24	83°N	1.4	
			W25	83°N	0	
			W26	83°N	1.6	
			W27	173°	0	
					1.7	Minimum
Second	R7	LKD	W28	173°	4.5	
			W29	173°	5.1	
			W30	173°	5.4	
			W31	173°	0.4	
			W32	173°	0.7	
			W33	173°	5.6	
			W34	173°	0.9	
			W35	173°	0	
			W36	173°	4.3	
			W37	173°	0	
			W38	173°	1.1	
			W39	173°	0	
			W40	173°	0.9	
			W41	173°	0	
			W42	173°	0	
					5.8	High
Second	R8	Bedroom	W43	83°N	0.2	
			W44	173°	3.8	
			W45	173°	4	
			W47	173°	0	
					5.5	High
Second	R9	Bedroom	W46	173°	4.1	
			W48	173°	3.4	
			W49	173°	0	
			W50	263°	0	
					4.4	High
Second	R10	LKD	W51	173°	5.4	
			W52	173°	5.4	
			W53	173°	5.8	
			W54	173°	5.4	
			W55	173°	5.8	
			W56	173°	5.4	
			W57	173°	5.8	
			W58	173°	5.4	
			W59	173°	5.8	
			W60	173°	0	
			W61	173°	5.4	
			W62	173°	5.4	
			W63	173°	0	
			W64	173°	5.4	
			W65	173°	0	
					5.9	High
Second	R11	Bedroom	W66	83°N	0	
			W67	173°	2.3	
			W68	173°	3.9	
			W70	173°	0	
					4.1	High
Second	R12	LKD	W69	173°	4.2	
			W71	173°	2.9	
			W72	173°	0	
			W73	263°	0.5	
					5	High
Second	R13	LKD	W74	173°	5.6	
					5.6	High

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Second	R14	Bedroom	W75	263°	1.9	
			W76	173°	0	
			W77	263°	2	
			W80	263°	0	
					2.1	Minimum
Second	R15	Bedroom	W78	263°	1.8	
			W79	263°	1.7	
			W81	353°N	0	
			W82	263°	0	
					2.2	Minimum
Second	R16	Bedroom	W83	263°	3.2	
					3.2	Medium
Second	R17	Bedroom	W84	263°	2.1	
			W85	263°	0.7	
			W86	263°	0	
					2.1	Minimum
Second	R18	Bedroom	W87	263°	3.3	
			W88	263°	2.8	
			W89	263°	3.4	
			W90	263°	3.3	
			W92	263°	0.9	
			W94	263°	0.9	
					3.4	Medium
Second	R19	LKD	W91	263°	4.2	
			W93	263°	4.2	
			W95	263°	2.8	
			W96	263°	4	
			W97	263°	0.9	
			W98	263°	0.9	
			W99	173°	0	
			W100	173°	0	
			W101	173°	0	
			W102	83°N	0.7	
			W103	83°N	1.6	
			W104	83°N	1.8	
			W105	83°N	0.9	
			W106	83°N	1.7	
			W107	83°N	2.1	
			W108	83°N	0.9	
			W109	83°N	1.2	
			W110	83°N	1.2	
			W111	83°N	0.8	
			W113	83°N	0.8	
					7	High
Second	R20	Bedroom	W112	83°N	0.6	
			W114	83°N	0.6	
			W115	83°N	0.6	
			W116	83°N	0.6	
			W117	83°N	0.8	
			W118	83°N	1.4	
			W119	83°N	2.1	
			W120	83°N	1.2	
			W121	83°N	2	
			W122	83°N	1.2	
			W123	83°N	2.1	
			W124	83°N	2.1	
			W125	83°N	1.2	
					3.1	Medium
Second	R21	LKD	W126	83°N	1	
			W127	83°N	1.6	
			W128	83°N	1.2	
			W129	83°N	2.1	
			W130	83°N	2	
			W131	83°N	1.2	
			W132	83°N	2.1	
			W133	83°N	2.2	
			W134	83°N	1.2	
					3.1	Medium

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Second	R22	Bedroom	W135	83°N	1	
			W136	83°N	1.6	
			W137	83°N	1.2	
			W138	83°N	2.1	
			W139	83°N	2	
			W140	83°N	1.2	
			W141	83°N	2.1	
			W142	83°N	2.2	
			W143	83°N	1.2	
					3.1	Medium
Second	R23	Bedroom	W144	83°N	1	
			W145	83°N	1.6	
			W146	83°N	1.2	
			W147	83°N	2.1	
			W148	83°N	2	
			W149	83°N	1.2	
			W150	83°N	2.1	
			W151	83°N	2.1	
			W152	83°N	1.2	
					3.1	Medium
Second	R24	Bedroom	W153	83°N	0.8	
			W154	83°N	0.8	
			W155	83°N	0.6	
			W156	83°N	0.6	
			W157	83°N	0.6	
			W158	83°N	0.6	
					0.8	Failed
Second	R25	LKD	W159	83°N	0.8	
			W160	83°N	1.3	
			W161	83°N	1.2	
			W162	83°N	2.1	
			W163	83°N	2	
			W164	83°N	1.2	
			W165	83°N	2.1	
			W166	83°N	2.1	
			W167	83°N	1.1	
					3.1	Medium
Second	R26	Bedroom	W168	173°	2	
					2	Minimum
Second	R27	LKD	W169	173°	0	
			W170	173°	4.8	
					4.8	High
Second	R28	LKD	W171	353°N	0	
			W172	353°N	0	
					0	Failed
Second	R29	Bedroom	W173	353°N	0	
					0	Failed
Second	R30	Bedroom	W174	353°N	0	
					0	Failed
Second	R31	LKD	W175	353°N	0	
					0	Failed
Second	R32	Bedroom	W176	353°N	0	
			W177	353°N	0	
					0	Failed
Second	R33	Bedroom	W178	353°N	0	
					0	Failed
Second	R34	LKD	W179	173°	0	
			W180	83°N	0	
			W181	83°N	0	
					0	Failed
Second	R35	LKD	W182	263°	0	
			W183	173°	0	
			W184	263°	0	
					0	Failed
Second	R36	Bedroom	W185	353°N	0	
					0	Failed
Second	R37	Bedroom	W186	353°N	0	
			W187	353°N	0	
			W188	353°N	0	
					0	Failed
Second	R38	LKD	W189	353°N	0	
					0	Failed
Second	R39	Bedroom	W190	353°N	0	
					0	Failed
Second	R40	LKD	W191	263°	1.8	
					1.8	Minimum

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Second	R41	Bedroom	W192	263°	0.4	
			W193	263°	0.4	
			W194	263°	0.6	
					0.6	Failed
Second	R42	Bedroom	W195	263°	1.9	
					1.9	Minimum
Second	R43	Bedroom	W196	263°	1.9	
					1.9	Minimum
Second	R44	LKD	W197	263°	1.9	
					1.9	Minimum
Second	R45	Bedroom	W198	263°	2.2	
			W199	263°	1.8	
			W200	263°	1.8	
					3.4	Medium
Third	R1	LKD	W1	173°	2.4	
			W2	173°	2.3	
			W3	173°	1.6	
			W4	173°	2	
			W5	173°	2.1	
			W6	173°	1	
			W7	173°	2.4	
			W8	173°	2.4	
			W9	173°	1.7	
			W10	173°	0.7	
			W11	173°	0.7	
			W12	83°N	1.5	
			W13	173°	0.6	
			W14	173°	0.6	
			W15	173°	0.6	
			W16	173°	0	
			W17	173°	0	
			W18	173°	0	
			W19	173°	0	
			W20	173°	0	
			W21	173°	0	
			W203	173°	4.1	
			W204	263°	2.1	
			W205	173°	4	
			W206	173°	4.2	
			W207	173°	2.8	
			W208	173°	2.1	
			W209	173°	3.1	
			W210	173°	1.9	
			W211	173°	2	
			W212	173°	1.7	
			W213	173°	0.9	
			W214	173°	1.2	
			W215	173°	2.2	
			W216	173°	0	
			W217	173°	0.2	
			W218	173°	0	
			W219	173°	0	
					6.9	High
Third	R2	Bedroom	W22	83°N	1.6	
			W23	83°N	1.4	
			W24	83°N	1.6	
			W25	83°N	3.3	
			W26	83°N	0.2	
					3.3	Medium
Third	R3	Bedroom	W27	83°N	1.8	
			W28	83°N	1.6	
			W29	83°N	1.8	
			W30	83°N	3.4	
			W31	83°N	0.2	
					3.4	Medium

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Third	R4	LKD	W32	83°N	1.8	
			W33	83°N	1.6	
			W34	83°N	1.8	
			W35	83°N	3.4	
			W36	83°N	0.2	
			W37	173°	4.5	
			W38	83°N	3.9	
			W39	83°N	3.8	
			W40	83°N	3.9	
			W41	173°	0	
			W42	83°N	4.2	
			W43	83°N	0.1	
					4.8	High
Third	R5	Bedroom	W44	173°	5.9	
			W45	173°	4.4	
			W46	173°	6.5	
			W47	173°	5.8	
			W48	173°	5.8	
			W49	173°	6.5	
			W50	173°	4.9	
			W51	173°	6.5	
			W52	173°	0	
			W54	173°	0	
					6.7	High
Third	R6	LKD	W53	173°	6.4	
			W55	173°	6.2	
			W56	173°	5.5	
			W57	173°	6.4	
			W58	173°	0	
			W59	173°	4.7	
			W60	173°	4.5	
			W61	173°	4.7	
			W62	173°	4.6	
			W63	173°	0	
					7.1	High
Third	R7	LKD	W64	173°	4.7	
			W65	173°	4.8	
			W66	173°	4.7	
			W67	173°	5.6	
			W68	173°	4.9	
			W69	173°	5.4	
			W70	173°	0	
			W71	173°	6.2	
			W72	173°	5.7	
			W74	173°	0	
					7.2	High
Third	R8	Bedroom	W73	173°	5	
			W75	173°	4.9	
			W76	173°	5.2	
			W77	173°	6.5	
			W78	173°	0	
			W79	173°	4.2	
			W80	173°	4.1	
			W81	173°	4.4	
			W82	173°	5.7	
			W83	173°	0	
					6.9	High
Third	R9	LKD	W84	263°	4.7	
			W85	263°	4.9	
			W86	263°	4.7	
			W87	263°	4.7	
			W88	173°	5.2	
			W89	263°	0.2	
			W90	173°	0	
			W91	263°	4.1	
			W92	263°	2.7	
			W94	263°	4.1	
			W95	263°	3.7	
			W99	263°	0.5	
					5.5	High
Third	R10	Bedroom	W93	263°	4.2	
			W96	263°	4.1	
			W97	263°	2.7	
			W98	263°	3.7	
			W101	263°	0.5	
					4.2	High

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Third	R11	Bedroom	W100	263°	4	
			W102	263°	4.1	
			W103	263°	2.5	
			W104	263°	3.7	
			W105	263°	0.5	
					4.1	High
Third	R12	LKD	W106	173°	4	
			W107	173°	3.9	
			W108	173°	4	
			W109	173°	2.8	
			W110	173°	3	
			W111	173°	2	
			W112	173°	1.6	
			W113	263°	2.2	
			W114	173°	1.8	
			W115	173°	0.9	
			W116	173°	1.1	
			W117	173°	2.1	
			W118	173°	0	
			W119	173°	0.1	
			W120	173°	0	
			W121	173°	0	
			W122	173°	1.6	
			W123	173°	2.2	
			W124	173°	2.3	
			W125	173°	1.4	
			W126	173°	1.9	
			W127	173°	1	
			W128	173°	1	
			W129	173°	2.2	
			W130	83°N	1.5	
			W131	173°	0.5	
			W132	173°	0.6	
			W133	173°	0	
			W134	173°	0.5	
			W135	173°	0	
			W136	173°	0	
			W137	173°	0	
					6.9	High
Third	R13	Bedroom	W138	83°N	0.8	
			W139	83°N	1.3	
			W140	83°N	1.2	
			W141	83°N	2.1	
			W142	83°N	2	
			W143	83°N	1.2	
			W144	83°N	2.1	
			W145	83°N	2.2	
			W146	83°N	1.2	
					3.1	Medium
Third	R14	Bedroom	W147	83°N	1	
			W148	83°N	1.6	
			W149	83°N	1.2	
			W150	83°N	2.1	
			W151	83°N	2	
			W152	83°N	1.2	
			W153	83°N	2.1	
			W154	83°N	2.1	
			W155	83°N	1.2	
					3.1	Medium
Third	R15	Bedroom	W156	83°N	0.8	
			W157	83°N	0.8	
			W158	83°N	0.6	
			W159	83°N	0.6	
			W160	83°N	0.6	
			W161	83°N	0.6	
					0.8	Failed
Third	R16	Bedroom	W162	83°N	0.8	
			W163	83°N	1.4	
			W164	83°N	1.2	
			W165	83°N	2.1	
			W166	83°N	2	
			W167	83°N	1.2	
			W168	83°N	2.1	
			W169	83°N	2.1	
			W170	83°N	1.2	
					3.1	Medium

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Third	R17	Bedroom	W171	173°	5.1	
					5.1	High
Third	R18	LKD	W172	173°	5.3	
			W173	173°	4.6	
					5.3	High
Third	R19	LKD	W174	353°N	0	
			W175	353°N	0	
			W176	353°N	0	
					0	Failed
Third	R20	Bedroom	W177	353°N	0	
					0	Failed
Third	R21	Bedroom	W178	353°N	0	
					0	Failed
Third	R22	LKD	W179	353°N	0	
					0	Failed
Third	R23	Bedroom	W180	353°N	0	
			W181	353°N	0	
			W182	353°N	0	
					0	Failed
Third	R24	Bedroom	W183	353°N	0	
					0	Failed
Third	R25	Bedroom	W184	173°	0	
			W185	83°N	0	
			W186	83°N	0	
					0	Failed
Third	R26	Bedroom	W187	263°	0	
			W188	173°	0	
			W189	263°	0	
					0	Failed
Third	R27	Bedroom	W190	353°N	0	
					0	Failed
Third	R28	LKD	W191	353°N	0	
			W192	353°N	0	
			W193	353°N	0	
			W194	353°N	0	
					0	Failed
Third	R29	Bedroom	W195	353°N	0	
					0	Failed
Third	R30	Bedroom	W196	353°N	0	
					0	Failed
Third	R31	Bedroom	W197	263°	2.3	
					2.3	Minimum
Third	R32	Bedroom	W198	263°	1.4	
			W199	263°	1.4	
			W200	263°	1.5	
					1.5	Minimum
Third	R33	LKD	W201	263°	2.4	
					2.4	Minimum
Third	R34	Bedroom	W202	263°	2.3	
					2.3	Minimum
Fourth	R1	LKD	W1	173°	5.7	
			W2	173°	5	
			W3	173°	5.7	
			W4	173°	6.1	
			W5	83°N	2.3	
			W6	173°	0	
			W90	263°	2.7	
			W91	173°	6.2	
			W92	173°	5.8	
			W93	173°	5.3	
			W94	173°	2.9	
			W95	173°	5.1	
			W96	173°	2.9	
			W97	173°	1.9	
			W98	173°	3	
			W99	173°	2.3	
			W100	173°	0	
			W101	173°	1.2	
			W102	173°	0	
					9.5	High
Fourth	R2	Bedroom	W7	83°N	2.3	
					2.3	Minimum
Fourth	R3	Bedroom	W8	263°	3	
					3	Medium

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fourth	R4	LKD	W9	263°	3	
			W10	173°	6.2	
			W11	173°	5.8	
			W12	173°	5.3	
			W13	173°	5.1	
			W14	173°	0	
			W15	173°	5.7	
			W16	173°	4.9	
			W17	173°	5.6	
			W18	173°	2.9	
			W19	173°	6.1	
			W20	173°	3	
			W21	173°	1.2	
			W22	173°	2.8	
			W23	173°	0	
			W24	173°	1.8	
			W25	173°	2.2	
			W26	173°	0	
			W27	83°N	1.8	
					9.5	High
Fourth	R5	Bedroom	W28	83°N	2.2	
					2.2	Minimum
Fourth	R6	Bedroom	W29	83°N	0.8	
			W30	83°N	1.1	
			W31	83°N	1.1	
					1.1	Failed
Fourth	R7	LKD	W32	83°N	2	
					2	Minimum
Fourth	R8	Bedroom	W33	153°	3.9	
			W34	173°	2.6	
			W35	193°	4.2	
			W36	153°	4.3	
			W37	173°	2.6	
			W38	193°	4.2	
			W39	153°	4.3	
					4.7	High
Fourth	R9	LKD	W41	193°	4.2	
			W42	153°	4.3	
			W43	173°	2.6	
			W44	193°	4.2	
			W45	153°	4.3	
			W46	173°	1.2	
			W47	193°	1.5	
			W48	333°N	0	
			W49	353°N	0	
			W50	13°N	0	
			W51	333°N	0	
			W52	353°N	0	
			W53	13°N	0	
			W54	333°N	0	
					4.7	High
Fourth	R10	Bedroom	W56	13°N	0	
			W57	333°N	0	
			W58	353°N	0	
			W59	13°N	0	
			W60	333°N	0	
			W61	353°N	0	
			W62	13°N	0	
					0	Failed
Fourth	R11	LKD	W63	353°N	0	
			W64	353°N	0	
			W65	353°N	0	
					0	Failed
Fourth	R12	Bedroom	W66	353°N	0	
			W67	353°N	0	
					0	Failed
Fourth	R13	LKD	W68	353°N	0	
			W69	353°N	0	
					0	Failed
Fourth	R14	Bedroom	W70	353°N	0	
					0	Failed
Fourth	R15	Bedroom	W71	173°	0	
			W72	83°N	0	
			W73	83°N	0	
					0	Failed

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fourth	R16	Bedroom	W74	263°	0.1	
			W75	173°	0	
			W76	263°	0	
					0.1	Failed
Fourth	R17	Bedroom	W77	353°N	0	
					0	Failed
Fourth	R18	LKD	W78	353°N	0	
			W79	353°N	0	
					0	Failed
Fourth	R19	Bedroom	W80	353°N	0	
			W81	353°N	0	
					0	Failed
Fourth	R20	LKD	W82	353°N	0	
			W83	353°N	0	
			W84	353°N	0	
					0	Failed
Fourth	R21	LKD	W85	263°	2.7	
					2.7	Minimum
Fourth	R22	Bedroom	W86	263°	2	
			W87	263°	2	
			W88	263°	1.8	
					2	Minimum
Fourth	R23	Bedroom	W89	263°	2.7	
					2.7	Minimum
Fifth	R1	LKD	W1	170°	6	
			W2	116°	5.6	
			W3	146°	6.2	
			W4	140°	4.8	
			W5	200°	5.5	
			W6	86°N	3.9	
			W7	176°	4.8	
			W8	110°	3.3	
			W9	63°N	2.6	
			W10	103°	2.9	
			W11	63°N	2	
			W14	90° Hz	0	
			W132	283°N	2.6	
			W133	243°	3.2	
			W134	283°N	2.6	
			W135	243°	3.3	
			W136	283°N	3.3	
			W137	236°	4	
			W138	260°	4.7	
			W139	206°	6.9	
			W140	173°	3.1	
			W141	110°	2.9	
			W142	230°	6.5	
			W143	230°	2.2	
			W144	86°N	3.9	
			W145	176°	8.2	
			W146	140°	4.8	
			W147	200°	7.9	
			W148	116°	5.6	
			W149	146°	7.5	
			W150	170°	7.9	
			W151	90° Hz	0	
					9.5	High
Fifth	R2	Bedroom	W12	103°	2.6	
			W13	63°N	1.9	
			W15	103°	2.6	
			W16	63°N	1.9	
					2.6	Minimum
Fifth	R3	Bedroom	W17	103°	2.6	
			W126	63°N	1.9	
					2.6	Minimum
Fifth	R4	LKD	W18	153°	5.4	
			W19	193°	5.4	
			W20	153°	4.3	
			W21	193°	6.7	
			W22	153°	6.6	
			W23	193°	7.5	
			W24	153°	7.4	
			W25	193°	4.2	
			W124	153°	2.6	
			W125	193°	3.7	
					8.5	High

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fifth	R5	LKD	W26	153°	4.4	
			W27	193°	7.5	
			W28	153°	7.6	
			W29	193°	7.5	
			W30	153°	7.6	
			W31	193°	7.4	
			W32	153°	6.6	
					8.6	High
Fifth	R6	LKD	W33	193°	6.5	
			W34	153°	7.3	
			W35	193°	7.5	
			W36	153°	7.6	
			W37	193°	7.3	
			W38	153°	7.6	
			W39	193°	4.4	
					9	High
Fifth	R7	LKD	W40	153°	4.4	
			W41	193°	6.5	
			W42	153°	6.9	
			W43	193°	6	
			W44	153°	6.2	
			W45	193°	5	
			W46	153°	5.1	
			W47	193°	4	
			W48	153°	3.5	
			W53	193°	2.2	
					7.7	High
Fifth	R8	Bedroom	W49	283°N	2.6	
			W50	243°	3.2	
			W51	283°N	2.6	
			W55	243°	3.2	
					3.2	Medium
Fifth	R9	Bedroom	W52	243°	3.2	
			W54	283°N	2.6	
					3.2	Medium
Fifth	R10	LKD	W56	283°N	2.6	
			W57	243°	3.3	
			W58	283°N	3.3	
			W59	236°	4	
			W60	260°	4.7	
			W61	206°	6.5	
			W62	230°	6.5	
			W63	176°	7.2	
			W64	200°	6.9	
			W65	146°	5.8	
			W66	170°	5.5	
			W67	90° Hz	0	
			W68	146°	7.5	
			W69	170°	7.9	
			W70	200°	7.9	
			W71	116°	5.6	
			W72	176°	8.2	
			W73	140°	4.8	
			W74	230°	6.5	
			W75	86°N	3.9	
			W76	206°	6.9	
			W77	110°	3.3	
			W78	260°	4.7	
			W79	63°N	2.6	
			W80	116°	2.1	
			W81	103°	2.9	
			W82	63°N	2	
			W83	103°	2.6	
			W84	63°N	1.9	
			W85	90° Hz	0	
					9.5	High
Fifth	R11	Bedroom	W86	103°	2.6	
			W87	63°N	1.9	
			W88	103°	2.6	
			W89	63°N	1.9	
			W90	103°	2.6	
					2.6	Minimum
Fifth	R12	Bedroom	W91	13°N	0	
			W92	333°N	0	
			W93	13°N	0	
			W94	333°N	0	
					0	Failed

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fifth	R13	Bedroom	W95	333°N	0	
			W96	13°N	0	
			W97	333°N	0	
			W98	13°N	0	
					0	Failed
Fifth	R14	Bedroom	W99	333°N	0	
			W100	13°N	0	
			W101	333°N	0	
			W102	13°N	0	
					0	Failed
Fifth	R15	Bedroom	W103	13°N	0	
			W104	333°N	0	
			W105	13°N	0	
			W106	333°N	0	
					0	Failed
Fifth	R16	Bedroom	W107	333°N	0	
			W108	13°N	0	
			W109	333°N	0	
			W110	13°N	0	
					0	Failed
Fifth	R17	Bedroom	W111	333°N	0	
			W112	13°N	0	
			W113	333°N	0	
			W114	13°N	0	
					0	Failed
Fifth	R18	Bedroom	W115	333°N	0	
			W116	13°N	0	
			W117	333°N	0	
			W118	13°N	0	
					0	Failed
Fifth	R19	Bedroom	W119	13°N	0	
			W120	333°N	0	
			W121	333°N	0	
			W122	13°N	0	
			W123	333°N	0	
					0	Failed
Fifth	R20	Bedroom	W127	243°	3.2	
			W128	283°N	2.6	
			W129	243°	3.2	
			W130	283°N	2.6	
			W131	243°	3.2	
					3.2	Medium
Block C						
First	R1	LKD	W1	83°N	0	
			W2	83°N	0	
			W3	83°N	0	
					0	Failed
First	R2	LKD	W4	83°N	0	
			W5	83°N	0	
			W6	83°N	0.1	
					0.1	Failed
First	R3	Bedroom	W7	263°	2.1	
					2.1	Minimum
First	R4	Bedroom	W8	263°	0.3	
			W9	263°	0.6	
					0.9	Failed
First	R5	Bedroom	W10	263°	0.3	
			W11	263°	0	
					0.3	Failed
First	R6	Bedroom	W12	263°	0	
					0	Failed
Second	R1	LKD	W1	83°N	0	
			W2	83°N	0	
			W3	83°N	0	
					0	Failed
Second	R2	LKD	W4	83°N	0	
			W5	83°N	0.7	
			W6	83°N	1.7	
					1.7	Minimum
Second	R3	Bedroom	W7	263°	2.5	
					2.5	Minimum
Second	R4	Bedroom	W8	263°	2.5	
			W9	263°	1.3	
					2.6	Minimum

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Second	R5	Bedroom	W10	263°	0.5	
			W11	263°	0.3	
					0.5	Failed
Second	R6	Bedroom	W12	263°	0	
					0	Failed
Third	R1	LKD	W1	83°N	0	
			W2	83°N	0	
			W3	83°N	0.3	
					0.3	Failed
Third	R2	LKD	W4	83°N	0.9	
			W5	83°N	2.1	
			W6	83°N	2.1	
					2.1	Minimum
Third	R3	Bedroom	W7	263°	2.5	
					2.5	Minimum
Third	R4	Bedroom	W8	263°	2.5	
			W9	263°	1.9	
					2.8	Minimum
Third	R5	Bedroom	W10	263°	1.9	
			W11	263°	1.6	
					1.9	Minimum
Third	R6	Bedroom	W12	263°	0.5	
					0.5	Failed
Fourth	R1	LKD	W1	83°N	0	
			W2	83°N	1.5	
			W3	83°N	1.1	
					2.1	Minimum
Fourth	R2	Bedroom	W4	83°N	1.1	
			W5	83°N	2.1	
					2.1	Minimum
Fourth	R3	Bedroom	W6	83°N	2.1	
					2.1	Minimum
Fourth	R4	Bedroom	W7	263°	2.5	
					2.5	Minimum
Fourth	R5	Bedroom	W8	263°	2.5	
			W9	263°	1.9	
					2.8	Minimum
Fourth	R6	Bedroom	W10	263°	1.9	
			W11	263°	2.5	
					2.8	Minimum
Fourth	R7	Bedroom	W12	263°	0.9	
					0.9	Failed
Fifth	R1	Bedroom	W1	63°N	1.4	
			W2	83°N	1.9	
			W3	103°	2	
			W4	63°N	1.4	
			W5	83°N	1.9	
			W6	103°	2	
					2	Minimum
Fifth	R2	LKD	W7	63°N	0	
			W8	83°N	1.9	
			W9	103°	2	
			W10	63°N	1.4	
			W11	83°N	1.9	
			W12	103°	2	
			W13	63°N	1.4	
			W14	83°N	1.9	
			W15	103°	2	
			W16	333°N	0	
			W17	353°N	0	
			W18	13°N	0	
			W19	333°N	0	
			W20	353°N	0	
			W21	13°N	0	
			W22	333°N	0	
			W23	353°N	0	
			W24	13°N	0	
			W25	353°N	0	
			W26	333°N	0.2	
			W27	353°N	0	
			W28	13°N	0	
			W29	333°N	0.2	
			W30	353°N	0	
			W31	13°N	0	
			W32	243°	2.5	
			W33	263°	1.5	
			W34	283°N	2	

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fifth	R2	LKD	W35	243°	2.5	
			W36	263°	1.5	
			W37	283°N	1.1	
					4.5	High
Fifth	R3	Bedroom	W38	243°	2.5	
			W39	263°	1.5	
			W40	283°N	2	
			W41	243°	2.5	
					2.5	Minimum
Fifth	R4	Bedroom	W42	283°N	2	
			W43	243°	2.5	
			W44	263°	1.5	
			W45	283°N	2	
			W46	243°	2.5	
					2.5	Minimum
Fifth	R5	Bedroom	W47	283°N	2	
			W48	243°	2.5	
			W49	263°	2	
			W50	283°N	1.2	
					2.8	Minimum
			Block D			
Ground	R1	Bedroom	W1	83°N	0	
			W2	83°N	0	
			W3	83°N	0	
					0	Failed
Ground	R2	LKD	W4	83°N	1.4	
			W5	83°N	0	
			W6	83°N	1	
					1.9	Minimum
Ground	R3	Bedroom	W7	173°	3.4	
					3.4	Medium
Ground	R4	LKD	W8	173°	3.9	
			W9	173°	3.7	
			W10	173°	0	
			W11	173°	0	
					5.2	High
Ground	R5	Bedroom	W12	173°	3.9	
			W13	173°	0	
			W14	173°	0	
			W15	173°	4	
			W16	173°	0	
			W17	173°	0	
					4	Medium
Ground	R6	Bedroom	W18	173°	0	
			W19	83°N	1.9	
					1.9	Minimum
Ground	R7	LKD	W20	83°N	0.4	
			W21	353°N	0	
			W22	353°N	0	
					0.4	Failed
Ground	R8	LKD	W23	353°N	0	
					0	Failed
Ground	R9	Bedroom	W24	353°N	0	
					0	Failed
Ground	R10	LKD	W25	353°N	0	
			W26	353°N	0	
			W27	353°N	0	
					0	Failed
Ground	R11	LKD	W28	353°N	0	
			W29	353°N	0	
			W30	353°N	0	
					0	Failed
Ground	R12	Bedroom	W31	353°N	0	
					0	Failed
Ground	R13	LKD	W32	353°N	0	
					0	Failed
Ground	R14	LKD	W33	353°N	0	
			W34	353°N	0	
			W35	263°	0	
					0	Failed
Ground	R15	Bedroom	W36	263°	1.6	
			W37	173°	0	
					1.6	Minimum
Ground	R16	Bedroom	W38	173°	3.7	
					3.7	Medium

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Ground	R17	Bedroom	W39	173°	3.5	
			W40	173°	3.4	
					3.5	Medium
Ground	R18	LKD	W41	173°	3.8	
					3.8	Medium
Ground	R19	LKD	W42	173°	3.6	
					3.6	Medium
Ground	R20	Bedroom	W43	173°	2.4	
			W44	173°	2.5	
					2.5	Minimum
First	R1	LKD	W1	83°N	2.5	
			W2	353°N	0	
			W3	83°N	0.9	
					2.6	Minimum
First	R2	Bedroom	W4	173°	2.1	
			W5	173°	2.3	
					2.3	Minimum
First	R3	Bedroom	W6	173°	4	
					4	Medium
First	R4	Bedroom	W7	173°	4.5	
					4.5	High
First	R5	Bedroom	W8	173°	4.2	
			W9	173°	0.6	
			W10	173°	4.4	
			W11	173°	0.8	
					4.4	High
First	R6	LKD	W12	173°	0	
			W13	173°	0	
			W14	173°	0	
			W15	173°	0	
			W16	83°N	2.4	
			W17	83°N	0.9	
			W18	83°N	1.7	
					2.9	Minimum
First	R7	Bedroom	W19	83°N	2.4	
			W20	353°N	0	
					2.4	Minimum
First	R8	LKD	W21	353°N	0	
			W22	353°N	0	
					0	Failed
First	R9	LKD	W23	353°N	0	
					0	Failed
First	R10	Bedroom	W24	353°N	0	
					0	Failed
First	R11	LKD	W25	353°N	0	
			W26	353°N	0	
			W27	353°N	0	
					0	Failed
First	R12	Bedroom	W28	353°N	0	
			W29	353°N	0	
					0	Failed
First	R13	Bedroom	W30	353°N	0	
			W31	353°N	0	
					0	Failed
First	R14	LKD	W32	353°N	0	
			W33	353°N	0	
			W34	353°N	0	
					0	Failed
First	R15	Bedroom	W35	353°N	0	
					0	Failed
First	R16	LKD	W36	353°N	0	
					0	Failed
First	R17	Bedroom	W37	353°N	0	
					0	Failed
First	R18	LKD	W38	353°N	0	
			W39	353°N	0	
					0	Failed
First	R19	LKD	W40	263°	0.7	
			W41	263°	0.8	
			W42	263°	2.1	
			W43	173°	0	
			W44	173°	0	
			W45	173°	0	
			W46	173°	0	
			W47	173°	4	
					5.4	High

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
First	R20	Bedroom	W48	173°	3.9	
			W49	173°	3.8	
					3.9	Medium
First	R21	Bedroom	W50	173°	4	
					4	Medium
First	R22	Bedroom	W51	173°	3.6	
			W52	173°	2.4	
			W53	173°	2.5	
					4	Medium
First	R23	LKD	W54	263°	1.4	
			W55	353°N	0	
			W56	263°	3	
					3.1	Medium
Second	R1	LKD	W1	83°N	2.9	
			W2	353°N	0	
			W3	83°N	0.9	
					2.9	Minimum
Second	R2	Bedroom	W4	173°	2.1	
			W5	173°	2.3	
					2.3	Minimum
Second	R3	Bedroom	W6	173°	4.2	
					4.2	High
Second	R4	Bedroom	W7	173°	4.7	
					4.7	High
Second	R5	Bedroom	W8	173°	4.4	
			W9	173°	0	
			W10	173°	4.5	
			W11	173°	0	
					4.5	High
Second	R6	LKD	W12	173°	1.7	
			W13	173°	0	
			W14	173°	0	
			W15	173°	0	
			W16	83°N	2.4	
			W17	83°N	0.9	
			W18	83°N	1.7	
					3.9	Medium
Second	R7	Bedroom	W19	83°N	0	
			W20	83°N	0	
					0	Failed
Second	R8	LKD	W21	353°N	0	
			W22	353°N	0	
			W23	353°N	0	
			W24	353°N	0	
			W25	353°N	0	
			W26	353°N	0	
			W27	353°N	0	
					0	Failed
Second	R9	LKD	W28	353°N	0	
					0	Failed
Second	R10	Bedroom	W29	353°N	0	
					0	Failed
Second	R11	LKD	W30	353°N	0	
			W31	353°N	0	
			W32	353°N	0	
			W33	353°N	0	
			W34	353°N	0	
			W35	353°N	0	
			W36	353°N	0	
			W37	353°N	0	
			W38	353°N	0	
			W42	60°N	0	
			W43	283°N	0	
			W44	67°N	0	
			W45	276°N	0	
			W46	290°N	0	
			W47	60°N	0	
			W48	283°N	0	
			W49	60°N	0	
			W50	283°N	0	
			W51	67°N	0	
			W52	276°N	0	
			W53	290°N	0	
			W54	60°N	0	
			W56	283°N	0	
					0	Failed

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Second	R12	Bedroom	W38	353°N	0	
			W39	353°N	0	
			W40	353°N	0	
			W41	353°N	0	
			W55	67°N	0	
			W57	283°N	0	
			W58	67°N	0	
			W59	60°N	0	
			W60	276°N	0	
			W63	60°N	0	
			W64	290°N	0	
			W66	283°N	0	
			W67	67°N	0	
			W69	67°N	0	
					0	Failed
Second	R13	Bedroom	W42	353°N	0	
			W43	353°N	0	
			W44	353°N	0	
			W45	353°N	0	
			W70	283°N	0	
			W71	276°N	0	
			W72	60°N	0	
			W73	60°N	0	
			W74	290°N	0	
			W75	283°N	0	
			W76	67°N	0	
			W77	67°N	0	
			W79	283°N	0	
			W80	276°N	0	
					0	Failed
Second	R14	LKD	W46	353°N	0	
			W47	353°N	0	
			W48	353°N	0	
			W49	353°N	0	
			W50	353°N	0	
			W51	353°N	0	
			W52	353°N	0	
			W53	353°N	0	
			W81	60°N	0	
			W83	60°N	0	
			W84	290°N	0	
			W85	283°N	0	
			W86	67°N	0	
			W88	67°N	0	
			W89	283°N	0	
			W90	276°N	0	
			W92	60°N	0	
			W93	60°N	0	
			W94	290°N	0	
			W95	283°N	0	
			W97	67°N	0	
			W98	67°N	0	
			W100	353°N	0	
					0	Failed
Second	R15	Bedroom	W54	353°N	0	
					0	Failed
Second	R16	LKD	W55	353°N	0	
					0	Failed
Second	R17	Bedroom	W56	353°N	0	
			W57	353°N	0	
			W58	353°N	0	
			W59	353°N	0	
					0	Failed
Second	R18	LKD	W60	353°N	0	
			W61	353°N	0	
			W62	263°	0.6	
					0.6	Failed
Second	R19	LKD	W63	263°	1.7	
			W64	263°	1.8	
			W65	263°	2.8	
			W66	173°	2.7	
			W67	173°	0	
			W68	173°	0	
			W69	173°	0	
			W70	173°	4.5	
					6.6	High

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Second	R20	Bedroom	W71	173°	4.3	
			W72	173°	4.2	
					4.3	High
Second	R21	Bedroom	W73	173°	4.3	
					4.3	High
Second	R22	Bedroom	W74	173°	3.8	
			W75	173°	2.4	
			W76	173°	2.5	
					4.2	High
Second	R23	LKD	W77	263°	1.9	
			W78	353°N	0	
			W79	263°	3.5	
					3.5	Medium
Third	R1	LKD	W1	83°N	2.9	
			W2	353°N	0	
			W3	83°N	0.9	
					2.9	Minimum
Third	R2	Bedroom	W4	173°	2.2	
			W5	173°	2.3	
					2.3	Minimum
Third	R3	Bedroom	W6	173°	4.3	
					4.3	High
Third	R4	Bedroom	W7	173°	5.5	
			W8	173°	4.4	
			W9	173°	0.2	
					6.2	High
Third	R5	LKD	W10	173°	4.4	
			W11	173°	0	
			W12	173°	4.5	
			W13	173°	0	
			W19	63°N	0.1	
			W20	83°N	0.4	
			W21	103°	0	
			W22	83°N	0	
			W23	63°N	0	
			W24	103°	1.1	
			W25	63°N	2.6	
			W26	83°N	2.3	
			W27	353°N	0	
			W28	13°N	0	
			W29	333°N	0	
			W30	353°N	0	
					6.6	High
Third	R6	Bedroom	W14	173°	0	
			W15	173°	0	
			W16	173°	1.8	
			W17	173°	0	
			W18	83°N	2.4	
					3.7	Medium
Third	R7	Bedroom	W31	13°N	0	
			W32	333°N	0	
			W33	353°N	0	
			W34	13°N	0	
			W35	333°N	0	
					0	Failed
Third	R8	LKD	W36	13°N	0	
			W37	333°N	0	
			W39	333°N	0	
			W40	13°N	0	
			W41	353°N	0	
			W61	13°N	0	
			W62	333°N	0	
					0	Failed
Third	R9	Bedroom	W65	13°N	0	
			W68	333°N	0	
					0	Failed
Third	R10	LKD	W78	13°N	0	
			W82	333°N	0	
			W87	13°N	0	
			W91	333°N	0	
					0	Failed

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Third	R11	LKD	W96	13°N	0	
			W99	333°N	0	
			W101	13°N	0	
			W102	333°N	0	
			W103	353°N	0	
			W104	13°N	0	
			W105	333°N	0	
					0	Failed
Third	R12	Bedroom	W107	13°N	0	
			W108	333°N	0	
			W109	333°N	0	
			W110	13°N	0	
			W111	353°N	0	
					0	Failed
Third	R13	LKD	W112	353°N	0	
			W113	13°N	0	
			W114	353°N	0	
			W115	263°	3	
			W116	333°N	1	
			W117	283°N	3.3	
			W118	243°	3.8	
			W119	263°	2.1	
			W120	283°N	1.2	
			W121	243°	0.9	
			W122	263°	0	
			W123	283°N	0	
			W129	173°	4.5	
			W130	173°	4.4	
					7.4	High
Third	R14	Bedroom	W124	263°	3	
			W125	173°	1.7	
			W126	173°	0	
			W127	173°	0	
			W128	173°	0	
					4.7	High
Third	R15	Bedroom	W131	173°	4.4	
			W132	173°	4.9	
					5.9	High
Third	R16	Bedroom	W133	173°	4	
					4	Medium
Third	R17	LKD	W134	263°	1.9	
			W135	353°N	0	
			W136	263°	3.5	
					3.5	Medium
Fourth	R1	LKD	W1	83°N	2.8	
			W2	353°N	0	
			W3	83°N	0.9	
					2.8	Minimum
Fourth	R2	Bedroom	W4	153°	1.3	
			W5	193°	1.7	
			W6	173°	0.9	
			W7	153°	1.3	
					1.7	Minimum
Fourth	R3	LKD	W8	193°	1.7	
			W9	153°	1.3	
			W10	173°	1.1	
			W11	193°	1.7	
			W12	153°	1.4	
			W13	173°	0.7	
			W14	193°	0	
			W15	63°N	0.1	
			W16	83°N	1.9	
			W17	103°	1.8	
			W18	63°N	1.2	
			W19	103°	1.8	
			W20	63°N	1.2	
			W21	83°N	1.7	
			W22	103°	1.8	
			W23	83°N	1.7	
			W24	333°N	0	
			W25	353°N	0	
			W26	13°N	0	
			W27	333°N	0	
			W28	353°N	0	
			W29	13°N	0	
			W30	333°N	0	
					2.3	Minimum

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fourth	R4	Bedroom	W31	13°N	0	
			W32	333°N	0	
			W33	353°N	0	
			W34	13°N	0	
			W35	333°N	0	
					0	Failed
Fourth	R5	Bedroom	W36	13°N	0	
			W37	333°N	0	
			W38	353°N	0	
			W39	13°N	0	
			W40	333°N	0	
			W41	353°N	0	
			W42	13°N	0	
					0	Failed
Fourth	R6	Bedroom	W43	333°N	0	
			W44	353°N	0	
			W45	13°N	0	
			W46	333°N	0	
					0	Failed
Fourth	R7	Bedroom	W47	13°N	0	
			W48	333°N	0	
			W49	353°N	0	
			W50	13°N	0	
			W51	333°N	0	
			W52	353°N	0	
			W53	13°N	0	
			W54	333°N	0	
					0	Failed
Fourth	R8	LKD	W55	13°N	0	
			W56	333°N	0	
			W57	13°N	0	
			W58	353°N	0	
			W59	333°N	0	
			W60	13°N	0	
			W61	353°N	0	
			W62	243°	2.2	
			W63	263°	1.3	
			W64	283°N	1.7	
			W65	243°	2.2	
			W66	263°	1.3	
			W67	283°N	1.2	
			W68	263°	1.3	
			W69	243°	2.2	
			W70	153°	0.2	
			W71	283°N	1.7	
			W72	173°	0.3	
			W73	193°	0.8	
			W74	153°	0.8	
			W75	173°	0.6	
			W76	193°	0.4	
			W77	153°	0	
					2.7	Minimum
Fourth	R9	Bedroom	W78	193°	0	
			W79	153°	0	
			W80	173°	0	
			W81	193°	0	
					0	Failed
Fourth	R10	LKD	W82	263°	1.9	
			W83	353°N	0	
			W84	263°	3.5	
					3.5	Medium
Block E						
Ground	R1	Bedroom	W1	158°	6.8	
					6.8	High
Ground	R2	LKD	W2	38°N	0	
			W3	83°N	1.6	
					1.6	Minimum
Ground	R3	LKD	W4	83°N	2.1	
			W5	353°N	0	
					2.1	Minimum
Ground	R4	Bedroom	W6	353°N	0	
					0	Failed
Ground	R5	Bedroom	W7	8°N	0	
					0	Failed

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Ground	R6	Bedroom	W8	38°N	0	
			W9	353°N	0	
					0	Failed
Ground	R7	LKD	W10	38°N	0	
			W11	353°N	0	
					0	Failed
Ground	R8	Bedroom	W12	68°N	0	
					0	Failed
Ground	R9	Bedroom	W13	68°N	0	
					0	Failed
Ground	R10	Bedroom	W14	68°N	0.2	
					0.2	Failed
Ground	R11	Bedroom	W15	68°N	0.6	
					0.6	Failed
Ground	R12	Bedroom	W16	68°N	1.4	
					1.4	Failed
Ground	R13	Bedroom	W17	68°N	1.6	
					1.6	Minimum
Ground	R14	Bedroom	W18	83°N	2	
					2	Minimum
Ground	R15	Bedroom	W19	263°	2.7	
					2.7	Minimum
Ground	R16	Bedroom	W20	248°	3.4	
					3.4	Medium
Ground	R17	KD	W21	248°	3.3	
					3.3	Medium
Ground	R18	Lounge	W22	248°	2.1	
					2.1	Minimum
Ground	R19	Bedroom	W23	248°	2.1	
					2.1	Minimum
Ground	R20	Bedroom	W24	248°	2.1	
					2.1	Minimum
First	R1	Bedroom	W1	188°	6.6	
					6.6	High
First	R2	Bedroom	W2	188°	6.6	
					6.6	High
First	R3	Bedroom	W3	188°	6.6	
					6.6	High
First	R4	LKD	W4	173°	0	
					0	Failed
First	R5	Bedroom	W5	156°	6.6	
					6.6	High
First	R6	Bedroom	W6	156°	6.6	
					6.6	High
First	R7	LKD	W7	173°	0	
					0	Failed
First	R8	Bedroom	W8	158°	6.8	
					6.8	High
First	R9	Bedroom	W9	158°	6.8	
					6.8	High
First	R10	LKD	W10	158°	6.7	
			W11	83°N	1.6	
			W12	8°N	0	
					6.7	High
First	R11	Bedroom	W13	8°N	0	
					0	Failed
First	R12	Bedroom	W14	8°N	0	
					0	Failed
First	R13	Bedroom	W15	8°N	0	
					0	Failed
First	R14	Bedroom	W16	38°N	0	
			W17	353°N	0	
					0	Failed
First	R15	LKD	W18	38°N	0	
			W19	353°N	0	
					0	Failed
First	R16	Bedroom	W20	68°N	0	
					0	Failed
First	R17	Bedroom	W21	68°N	0	
					0	Failed
First	R18	Bedroom	W22	68°N	0.2	
					0.2	Failed
First	R19	Bedroom	W23	68°N	1	
					1	Failed
First	R20	Bedroom	W24	68°N	1.6	
					1.6	Minimum

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
First	R21	Bedroom	W25	68°N	1.6	
					1.6	Minimum
First	R22	Bedroom	W26	83°N	2	
					2	Minimum
First	R23	Bedroom	W27	263°	2.7	
					2.7	Minimum
First	R24	Bedroom	W28	278°N	2.4	
					2.4	Minimum
First	R25	Bedroom	W29	278°N	2.3	
					2.3	Minimum
First	R26	KD	W30	278°N	2.3	
			W31	278°N	2.3	
					2.5	Minimum
First	R27	Lounge	W32	278°N	2.1	
					2.1	Minimum
First	R28	Bedroom	W33	278°N	2.1	
					2.1	Minimum
First	R29	Bedroom	W34	278°N	2.4	
					2.4	Minimum
First	R30	Bedroom	W35	278°N	2.4	
					2.4	Minimum
First	R31	Bedroom	W36	278°N	2.4	
					2.4	Minimum
First	R32	Bedroom	W37	278°N	2.4	
					2.4	Minimum
Second	R1	Bedroom	W1	188°	6.6	
					6.6	High
Second	R2	Bedroom	W2	188°	6.6	
					6.6	High
Second	R3	Bedroom	W3	188°	6.6	
					6.6	High
Second	R4	LKD	W4	173°	0	
					0	Failed
Second	R5	Bedroom	W5	156°	6.6	
					6.6	High
Second	R6	Bedroom	W6	156°	6.6	
					6.6	High
Second	R7	LKD	W7	173°	0	
					0	Failed
Second	R8	Bedroom	W8	158°	6.8	
					6.8	High
Second	R9	Bedroom	W9	158°	6.8	
					6.8	High
Second	R10	LKD	W10	158°	6.7	
			W11	38°N	0	
			W12	83°N	1.6	
					6.7	High
Second	R11	LKD	W13	83°N	2.1	
			W14	8°N	0	
			W15	353°N	0	
					2.1	Minimum
Second	R12	Bedroom	W16	353°N	0	
					0	Failed
Second	R13	Bedroom	W17	8°N	0	
					0	Failed
Second	R14	Bedroom	W18	38°N	0	
					0	Failed
Second	R15	Bedroom	W19	353°N	0	
					0	Failed
Second	R16	LKD	W20	38°N	0	
			W21	353°N	0	
					0	Failed
Second	R17	Bedroom	W22	68°N	0	
					0	Failed
Second	R18	Bedroom	W23	68°N	0	
					0	Failed
Second	R19	Bedroom	W24	68°N	0.6	
					0.6	Failed
Second	R20	Bedroom	W25	68°N	1.6	
					1.6	Minimum
Second	R21	Bedroom	W26	68°N	1.6	
					1.6	Minimum
Second	R22	Bedroom	W27	68°N	1.6	
					1.6	Minimum
Second	R23	Bedroom	W28	83°N	2	
					2	Minimum

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Second	R24	Bedroom	W29	263°	2.7	
					2.7	Minimum
Second	R25	Bedroom	W30	278°N	2.4	
					2.4	Minimum
Second	R26	Bedroom	W31	278°N	2.3	
					2.3	Minimum
Second	R27	KD	W32	278°N	2.3	
			W33	278°N	2.3	
					2.5	Minimum
Second	R28	Lounge	W34	278°N	2.3	
					2.3	Minimum
Second	R29	Bedroom	W35	278°N	2.2	
					2.2	Minimum
Second	R30	Bedroom	W36	278°N	2.5	
					2.5	Minimum
Second	R31	Bedroom	W37	278°N	2.5	
					2.5	Minimum
Second	R32	Bedroom	W38	278°N	2.5	
					2.5	Minimum
Second	R33	Bedroom	W39	278°N	2.5	
					2.5	Minimum
Third	R1	Bedroom	W1	188°	6.6	
			W29	278°N	2.6	
					7.6	High
Third	R2	Bedroom	W2	188°	6.6	
					6.6	High
Third	R3	Bedroom	W3	188°	6.6	
					6.6	High
Third	R4	LKD	W4	173°	0	
					0	Failed
Third	R5	Bedroom	W5	156°	6.6	
					6.6	High
Third	R6	Bedroom	W6	156°	6.6	
					6.6	High
Third	R7	LKD	W7	173°	0	
					0	Failed
Third	R8	Bedroom	W8	158°	6.8	
					6.8	High
Third	R9	Bedroom	W9	158°	6.8	
					6.8	High
Third	R10	LKD	W10	158°	6.7	
			W11	83°N	1.6	
			W12	8°N	0	
					6.7	High
Third	R11	Bedroom	W13	8°N	0	
					0	Failed
Third	R12	Bedroom	W14	8°N	0	
					0	Failed
Third	R13	Bedroom	W15	8°N	0	
					0	Failed
Third	R14	Bedroom	W16	38°N	0	
					0	Failed
Third	R15	Bedroom	W17	353°N	0	
					0	Failed
Third	R16	LKD	W18	38°N	0	
			W19	353°N	0	
					0	Failed
Third	R17	Bedroom	W20	68°N	0	
					0	Failed
Third	R18	Bedroom	W21	68°N	0.1	
					0.1	Failed
Third	R19	Bedroom	W22	68°N	1.6	
					1.6	Minimum
Third	R20	Bedroom	W23	83°N	2	
			W24	8°N	0	
					2	Minimum
Third	R21	KD	W25	278°N	2.3	
					2.3	Minimum
Third	R22	Lounge	W26	278°N	2.3	
					2.3	Minimum
Third	R23	Bedroom	W27	278°N	2.3	
					2.3	Minimum
Third	R24	Bedroom	W28	278°N	2.5	
					2.5	Minimum
Fourth	R1	Bedroom	W1	188°	6.6	
			W32	278°N	2.6	
					7.6	High

Floor Ref.	Room Ref.	Room Use.	Window Ref.	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fourth	R2	Bedroom	W2	188°	6.6	
					6.6	High
Fourth	R3	Bedroom	W3	188°	6.6	
					6.6	High
Fourth	R4	LKD	W4	188°	6.6	
					6.6	High
Fourth	R5	Bedroom	W5	188°	6.6	
					6.6	High
Fourth	R6	Bedroom	W6	188°	6.6	
					6.6	High
Fourth	R7	LKD	W7	188°	6.6	
			W8	188°	6.6	
					6.6	High
Fourth	R8	Bedroom	W9	188°	6.6	
					6.6	High
Fourth	R9	Bedroom	W10	188°	6.6	
					6.6	High
Fourth	R10	LKD	W11	188°	6.6	
			W12	38°N	0	
			W13	83°N	1.8	
					8.4	High
Fourth	R11	LKD	W14	83°N	2.1	
			W15	8°N	0	
			W16	353°N	0	
					2.1	Minimum
Fourth	R12	Bedroom	W17	353°N	0	
					0	Failed
Fourth	R13	Bedroom	W18	8°N	0	
					0	Failed
Fourth	R14	Bedroom	W19	38°N	0	
					0	Failed
Fourth	R15	Bedroom	W20	353°N	0	
					0	Failed
Fourth	R16	LKD	W21	38°N	0	
			W22	353°N	0	
					0	Failed
Fourth	R17	Bedroom	W23	68°N	0	
					0	Failed
Fourth	R18	Bedroom	W24	68°N	1.6	
					1.6	Minimum
Fourth	R19	Bedroom	W25	68°N	1.6	
					1.6	Minimum
Fourth	R20	Bedroom	W26	83°N	2	
			W27	8°N	0	
					2	Minimum
Fourth	R21	KD	W28	278°N	2.3	
					2.3	Minimum
Fourth	R22	Lounge	W29	278°N	2.3	
					2.3	Minimum
Fourth	R23	Bedroom	W30	278°N	2.3	
					2.3	Minimum
Fourth	R24	Bedroom	W31	278°N	2.5	
					2.5	Minimum