

Harlech Court Bute Terrace Cardiff CF10 2FE

Daylight & Sunlight Report
prepared on behalf of
Harlech Court Limited
September 2024
Our Ref: 19-00360



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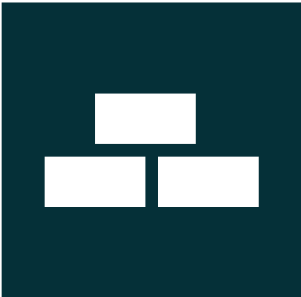
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1 EXECUTIVE SUMMARY

- 1.1 We have been instructed to compile a Daylight & Sunlight Report regarding the proposed development at Harlech Court, Cardiff. The proposed development comprises residential accommodation set over 28 storeys.
- 1.2 We have reviewed the Local Authority's planning policy and thereafter have conducted an analysis in accordance with Building Research Establishment's Report 209 "Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice" (2022 3rd Edition). This guidance is regarded as industry standard, and we regularly prepare such studies for local authorities throughout the UK.
- 1.3 We identified a number of properties as warranting inclusion within the scope of our analysis. Our study has been based upon a highly accurate laser scan of the site, subject properties and surrounding context and then had specialist, industry standard, software applied.

Neighbouring Results

- 1.4 The Vertical Sky Component (VSC) and Annual Probable Sunlight Hours (APSH) results confirm isolated areas of minor adverse impact to the Altolusso building adjacent to the site. When strictly applied, the VSC results show that 51% of the windows we have assessed will meet the BRE targets; however, when scrutinised, all of the windows within the building will meet the targets for Daylight Distribution (DD).
- 1.5 In our opinion, these minor adverse impacts are in keeping with the flexible approach suggested by the BRE, given the city centre location and the room uses as bedrooms in student accommodation, which is transient in nature.
- 1.6 We assessed 9 additional consented/proposed schemes surrounding the site, using a VSC façade analysis. In all cases, the impact from the proposal will be *de minimis*.

Within Results

- 1.7 When looking at the proposed accommodation within the development, the results of the internal Spatial Daylight Autonomy (SDA) test confirm 88% compliance, with 651 of 743 rooms within the proposed development meeting the BRE recommendations.
- 1.8 The majority of the infractions occur at lower levels, where it is difficult to achieve higher levels of daylight in a dense urban setting such as this. These rooms have been designed to accommodate daylight to the front parts of the room that, in most cases, should provide suitable mitigation.
- 1.9 The Sunlight Exposure (SE) results from the analysis confirm that 77% of the main habitable rooms within the scheme will meet the target values.
- 1.10 On the whole, the results of this assessment are positive and whilst there are some occasional shortfalls identified in the SDA test, the overall level of compliance is very good for this type of development set within a dense urban / city centre environment that is undergoing significant regeneration.
- 1.11 The BRE guide explains that the numerical guidelines should be interpreted flexibly, since natural lighting is only one of many factors in site layout design.
- 1.12 Overall, we believe the proposed development site benefits from good internal design practices and although there are some deviations from the guidance set out by the BRE (mainly to rooms where the accommodation is transient in nature), when it is interpreted flexibly and practically, as it is intended, the occupants of the building will enjoy more than adequate levels of daylight amenity.
- 1.13 The neighbouring studies also show that, whilst there are minor deviations from the guidance set out by the BRE, the neighbouring properties should still enjoy sufficient light levels to retain reasonable levels of amenity. Losses of this nature are inevitable where there is regeneration and the proposed site seeks to make efficient use of land, by increasing density, in line with the NPPF.
- 1.14 In summary we believe that the proposal works well in both respecting the levels of Daylight & Sunlight the neighbouring properties shall continue to receive and the occupiers within the development shall also receive good levels. On this basis we see no Daylight & Sunlight related reason why this proposal should not be granted planning permission

2 INTRODUCTION

INSTRUCTIONS

- 2.1 We received instructions from Harlech Court Ltd to prepare a Daylight & Sunlight Report in respect of the proposed development at Harlech Court, Bute Terrace, Cardiff CF10 2FE.
- 2.2 We confirm copies of our Terms of Engagement are held on file.

CONFLICT OF INTEREST

- 2.3 We confirm that, as far as we are aware, no conflict of interest exists either personally or with Rapleys, in connection with Harlech Court Ltd. We would further confirm that Professional Indemnity Insurance on a per claim basis is available in respect of this report.

DISCLOSURE

- 2.4 This report is specifically for the addressee stated above.

QUALITY ASSURANCE

- 2.5 This report has been prepared within the quality system operated at Rapleys LLP according to British Standard ISO 9001:2015.
- 2.6 We confirm that the undersigned is an appropriately qualified and experienced Chartered Surveyor experienced in the commercial property sector.

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3 BASIS OF ASSESSMENT

DETAILS OF THE PROPOSALS

- 3.1 The project broadly comprises the demolition of an existing six storey office block and the construction of a new residential apartment block arranged over circa 28 storeys.
- 3.2 The proposals we have analysed are those which were provided electronically by the project architect, CW Architects in a 3Dmodel, received via email on 16 May 2024. An initial set of indicative proposals were forwarded to us prior to this to assist our understanding of the proposals in general.
- 3.3 Rapleys have taken the information supplied upon which this report is based, in good faith, as being sufficiently accurate for these purposes. In the event inaccuracies become apparent, Rapleys would be willing to re visit the analysis subject to further instructions.

BACKGROUND TO THE ANALYSIS

- 3.4 In order to undertake the analysis, a 3D computer model was drawn in AutoCAD for the development site and the surrounding properties. This was based upon a 3D laser scan which is widely accepted by the industry as the most accurate method of gathering information for this purpose. The 3D laser scan was undertaken by a specialist sub-consultant and the survey area for their scan was determined following our desktop study.
- 3.5 Internal room layout information obtained by the laser scan was supplemented by a review of the Local Authority Planning archives and available online information.
- 3.6 Details of the proposals forwarded by the design team were incorporated into a 3D AutoCAD model.
- 3.7 Thereafter, industry standard Daylight and Sunlight analysis software was applied to the model. This produced the results which have been presented and commented upon within this report.
- 3.8 Images taken from the 3D model showing the development site as existing and as proposed, together with the relevant surrounding properties are within Appendix 1.

PLANNING GUIDANCE

- 4.1 We have undertaken a review of planning guidance supplied by Cardiff City Council. The Cardiff Local Plan was published in January 2016 and contains within it the following clauses which we consider to be relevant to the proposed development:

Policy H6: Change of use or redevelopment to residential use – states that:

“Change of use of redundant premises or redevelopment of redundant previously developed land for residential use will be permitted where the resulting residential accommodation and amenity will be satisfactory.”

Policy KP5: Good quality and sustainable design – states that:

“To help support the development of Cardiff as a world-class European Capital City, all new development will be required to be of a high quality, sustainable design and make a positive contribution to the creation of distinctive communities, places and spaces by ensuring no undue effect on the amenity of neighbouring occupiers and connecting positively to surrounding communities.”

Policy EN13: Air, noise, lights and contaminated land – states that:

“Development will not be permitted where it would cause or result in unacceptable harm to health, local amenity, the character and quality of the countryside, or interests of nature conservation, landscape or built heritage importance because of air, noise, light pollution or the presence of unacceptable levels of land contamination.”

- 4.2 Cardiff City Council also have a supplementary Tall Buildings guidance note published in January 2017. This will be a key document and in terms of Daylight & Sunlight Amenity, we have identified the following clauses of note:

2.2. To justify an appropriate location, proposals need to show a detailed context analysis at a variety of scales including street, block, neighbourhood, skyline and city.

All tall building proposals must demonstrate that:

- *No material harm is caused by overshadowing or overlooking.*

6.29. The proposal must demonstrate evidence of an acceptable level of impact in terms of microclimatic effects including wind tunnel effect, shadowing, solar glare and the effect of night time illumination.

6.30. A daylight and sunlight assessment should include a technical assessment as well as a 3D model sun path analysis illustrating the shadowing of the building at during each season and in the morning, midday and evening.

6.37. Tall buildings will not be permitted in locations where they would overshadow or overlook adjacent properties to the significant detriment of the amenity of neighbouring occupiers.

6.38. The proximity of two or more tall buildings can create significant issues of overlooking and overshadowing. Proposals adjacent to or in the vicinity of other tall buildings need to ensure that the privacy and amenity of existing and future residents and occupiers is not compromised, in addition to the implications of the proposal on existing views from neighbouring properties. Appropriate positioning and orientation of windows and habitable rooms may assist in mitigating amenity issues.

- 4.3 No specific guidance as to how levels of Daylight & Sunlight Amenity are to be reviewed are provided by the Local Authority. Nevertheless, by far the most common method of considering this subject is using the Building Research Establishment's Report 209 "Site Layout Planning for Daylight and Sunlight – A Guide to Good Practice" (2022 3rd Edition) [the BRE Report].
- 4.4 The BRE Report is widely recognised as the most appropriate way of undertaking a study such as this.

5 ASSESSMENT GUIDELINES

- 5.1 The BRE Report 209 – Site Layout Planning for Daylight and Sunlight, A guide to good practice, Third Edition (2022) [the BRE Report] provides guidance to designers, clients, consultants and planning officials on laying out proposed development sites to minimise impact on surrounding buildings and open spaces. This document is widely used in the construction industry.
- 5.2 The BRE Report states under paragraph 2.2.2:
- “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, storerooms, 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.”*
- 5.3 The BRE Report sets out criteria against which an assessment may be made of the levels of Daylight & Sunlight and the impact that development may cause.
- 5.4 An important point to note contained within the introduction of the BRE Report is:
- “The advice given here is not mandatory and the guide should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of the main factors in site layout design. In special circumstances the developer or planning authority may wish to use different target values. For example, in a historic city centre, or in an area with modern high rise buildings, a higher degree of obstruction may be unavoidable...”*
- 5.5 The basis of the BRE guide is suburban environments. It does not provide alternative targets specific to city centre or dense urban environments. The overarching recommendation to interpret the results flexibly, for any other environment besides suburban, is essential to any assessment.

NEIGHBOUR ASSESSMENT TYPES

VERTICAL SKY COMPONENT (VSC)

- 5.6 The VSC is a measure of the amount of light falling on a window; it is quantified as a ratio of the direct sky illuminance falling on the surface at a specific reference point against the horizontal illuminance under an unobstructed sky. The maximum possible ratio is just under 40% for a completely unobstructed vertical wall. The VSC values attained by windows of a building will not vary with the compass orientation of that building; therefore orientation does not give an appreciation of the interior daylighting.
- 5.7 The target value recommended is 27% but this is not to be strictly applied. This is because if the VSC for a window is less than 27% and is less than 0.8 times its former value, the BRE numerical guidelines will not be satisfied.
- 5.8 However, if the Vertical Sky Component is less than 27%, but more than 0.8 times its former value then daylight levels might still be adequate to the neighbouring property.
- 5.9 We find it useful to consider the Reduction Factor of 0.8, as a percentage equal to 80%, or put another way, a 20% reduction is recommended as the guideline figure within the BRE Report.

ANNUAL PROBABLE SUNLIGHT HOURS (APSH)

- 5.10 With regard to assessing Sunlight, the BRE Report gives recommendations for the assessment of the effect on sunlight enjoyed by individual windows. When considering sunlight, in the northern hemisphere, it is only those windows that face within 90 degrees of due south that will enjoy significant amounts of Sunlight. The BRE Report limits the extent of assessments required to only these windows. Sunlight Amenity is measured in terms of Annual Probable Sunlight Hours (APSH).
- 5.11 Any windows that face within 90 degrees of due north will be annotated as such within the analysis results.

- 5.12 The assessment analyses a point in each window which receives at least a quarter of Annual Probable Sunlight Hours (represented as 25% in the results tables). This includes at least 5% of Annual Probable Sunlight Hours during the winter months, between 21 September and 21 March. Again, a Reduction Factor of 0.8 is also applied to the results.

DAYLIGHT DISTRIBUTION (DD)

- 5.13 The Daylight Distribution is otherwise known as the 'no sky-line' (NSL) method and takes the VSC analysis a step further in looking at where in the room Daylight is received at the working plane (roughly desk or kitchen worktop height). After a development is complete, the area of a room with visible sky should, ideally be 0.8 times or more of the former area on the working plane prior to the development.

INTERNAL DAYLIGHT ASSESSMENT TYPES

SPATIAL DAYLIGHT AUTONOMY (SDA)

- 5.14 The Spatial Daylight Autonomy test is also referred to as the Illuminance Method. It involves using climate data (based on weather data collected every hour across various locations since the 1980s).
- 5.15 This information is used to calculate the illuminance from daylight at each point on an assessment grid placed within the room at the working plane at hourly intervals for a typical year.
- 5.16 Target illuminance (ET) for bedrooms is 100 lx, for living rooms, 150 lx and kitchens, 200 lx.
- 5.17 These levels should be achieved across at least 50% of the working plane in a daylit space for at least half of the possible daylight hours (4,380 hours).
- 5.18 The following reflectance values have been applied to our assessment:
- Surrounding – 0.4
 - External – 0.4
 - External Ground – 0.2
 - Internal Ceilings – 0.7
 - Internal Walls – 0.5
 - Internal Floors – 0.2

SUNLIGHT EXPOSURE (SE)

- 5.19 The BRE guide requires for all living rooms and conservatories (or special need non-domestic buildings) facing within 90 degrees of due South to be tested for sunlight.
- 5.20 It is recommended that each dwelling has at least one main living room window that faces within 90 degrees of due South. It also recognises that this is not always possible when it comes to flats. Therefore, if it can be demonstrated that the developer has made an effort to have as many of the windows to these types of rooms facing within 90 degrees of due South, this should be regarded as satisfactory.
- 5.21 The orientation of the site will play a big role in the proposal's compliance with this test. Obviously not all sites are well situated to receive direct sunlight, so a flexible approach is recommended on this basis.
- 5.22 A dwelling will appear reasonably sunlit provided at least one main window wall faces within 90° of due south and a habitable room, preferably a main living room, receive a total of at least 1.5 hours of sunlight on 21 March.

NEIGHBOURING RESULTS

6.1 We have carried out VSC façade studies to establish any potential effects upon emerging and consented scheme within the area, including the following:

- 25 Caroline Street;
- Cardiff Central Library;
- Guildford Crescent;
- Landore Court;
- Meridian Plaza;
- Radison Blu Hotel;
- The Copper Works;
- The Exchange; and
- Zenith Student Accommodation.

6.2 In all instances, the buildings will experience no impact from the proposal. The VSC Façade Study Images are shown in Appendix 7.

Facade Name	Facade Area (m ²)	Area Meeting VSC BRE Criteria (m ²)	% Meeting VSC BRE Criteria
25 Caroline Street	29.59	29.59	100%
Cardiff Central Library	975.12	975.12	100%
Guildford Crescent	1530.85	1530.85	100%
Landore Court	269.72	269.72	100%
Meridian Plaza	1645.39	1645.39	100%
Radison Blu Hotel	1813.65	1813.65	100%
The Copper Works	2366.00	2366.00	100%
The Exchange	1905.96	1905.96	100%
Zenith Student Accommodation	2140.53	2140.53	100%

6.3 The following section looks at the properties which do show some potential impact from the proposal and warrant further investigation:

6.4 The VSC, DD & APSH results are shown in the tables contained within **Appendix 2**. No Sky-Line contours are contained in **Appendix 3**.

UNITE STUDENTS – TY POINT HEARN

6.5 This 21-storey building comprises 17 floors of 144 student flats on top of a four-storey public car park, to the east of the proposed development. We obtained floor layouts from online research and information obtained by the laser survey and via the Cardiff planning portal.

VSC RESULTS

6.6 Of the 404 windows at this property that have been subject to an analysis, 400 (99%) meet the guidelines. Of the 4 windows that fail, all will experience minor reductions in VSC values (ie 0.78, 0.79, 0.79 & 0.74 times their former values, against a target of 0.8).

APSH RESULTS

6.7 The results show that 229 of the 252 rooms (91%) we have assessed will meet the BRE guidance for sunlight.

DAYLIGHT DISTRIBUTION RESULTS

6.8 Of the 292 rooms analysed for these properties, 258 (88%) meet the guidelines. This is a high proportion given the context of the location.

- 6.9 Of the remaining 34 rooms, all of which are believed to be bedrooms, 25 show minor adverse losses (ie – 20-29.99% reductions, against a target of 20%) and 9 show moderate adverse losses (30-39.99%).

283 HAYES BRIDGE ROAD

- 6.10 Located at the junction of Bute Terrace and Hayes Bridge Road, this property is a public House with potential residential accommodation at first floor level. We obtained floor layouts from information obtained by the laser survey.

VSC RESULTS

- 6.11 We have assessed 9 windows for VSC and all will meet the guidance set out by the BRE.

DAYLIGHT DISTRIBUTION RESULTS

- 6.12 The rooms we have assessed will demonstrate compliance with the BRE target values.

APSH RESULTS

- 6.13 The results confirm that all windows shall experience satisfactory levels of sunlight.

ALTOLUSSO – BUTE TERRACE

- 6.14 Located immediately adjacent to the proposed development site, this 23 storey residential building was constructed 2003-2005. We obtained floor layouts from online research and information obtained by the laser survey and via the Cardiff planning portal.

VSC RESULTS

- 6.15 Of the 562 windows at this property that have been subject to an analysis, 289 (55%) meet the guidelines. However, upon closer examination, of the 273 windows that fall below guidance, all except 63 belong to dual aspect rooms and/or rooms which have additional windows.

- 6.16 As the VSC assessment is a test of the light at the face of the window, it is notoriously difficult to satisfy the VSC guideline in anything other than a low-rise suburban setting and so it is important to consider the VSC results in conjunction with the Daylight Distribution results, which show the penetration of daylight within the room.

DAYLIGHT DISTRIBUTION RESULTS

- 6.17 All 272 rooms within Altolusso will meet the BRE target values, with 5 (1%) of these rooms actually showing gains in daylight penetration with the proposed development in place, compared to the existing scenario.

APSH RESULTS

- 6.18 These results demonstrate BRE compliance in each instance.

INTERNAL DAYLIGHT ASSESSMENT

- 6.19 We have assessed the daylight and sunlight amenity to all habitable rooms within the proposed development. The SDA results are contained within **Appendix 5** and the SE results within **Appendix 7**.

- 6.20 The following section contains commentary on the results from the analysis.

SPATIAL DAYLIGHT AUTONOMY (SDA) RESULTS

- 6.21 The results of the SDA test confirm that 651 of the 743 rooms (88%) tested are fully compliant with BRE recommendations – a very good pass rate for a new development within a dense built environment, such as this.

- 6.22 Of the rooms that fall below the guidelines, 41 are bedrooms, which, according to the guidance set out in the BRE have a lesser expectation of daylight. 15 of these bedrooms will achieve greater than 40% of their area meeting the required 100 Lux levels for bedrooms (and a further 11 rooms receiving 100 Lux to 30% of the room or more).

- 6.23 The 51 remaining rooms are living/kitchen/dining rooms. The majority of these spaces are larger in order to allow for more desirable 'open plan layouts'. It is therefore commonly accepted that they will naturally find it more difficult to achieve higher levels of daylight.

6.24 The daylight within the living/kitchen/dining areas on the lower levels is restricted due to the height and size of the neighbouring buildings and existing availability of natural light. We have worked with the design team to try and mitigate the lower light levels to these rooms. Comprehensive design work was undertaken ensuring that the window placements and room layouts optimise the available daylight.

6.25 The BRE does state under 2.1.15 that:

'Non-daylit internal kitchens should be avoided wherever possible, especially if the kitchen is used as a dining area too. Daylight levels in kitchen areas should be checked. If the layout means that a small internal kitchen is inevitable, it should be directly linked to a well daylit room.'

6.26 Therefore, we consider the current levels of daylight within the living/kitchen/diners to be acceptable as the kitchen/preparation area is connected to a well daylit living area, in almost all cases.

6.27 Whilst not demonstrating full compliance, the 88% pass rate for a building of this nature in a dense city centre environment is, in our view, is very good. Where there are areas that do not meet the guideline, many are unavoidable and we have ensured that, where possible, the scheme has been designed in a way that maximises daylight amenity for occupants.

SUNLIGHT EXPOSURE (SE) RESULTS

6.28 The orientation of the site will play a big role in the proposal's compliance with this test. On a site such as this, where rooms are placed around the perimeter of a building facing all azimuth angles, not all rooms will benefit from a southerly outlook and as such will not benefit from as high levels of sunlight as those that do.

6.29 A flexible approach is therefore recommended when reviewing these results. Where possible living rooms should be given a southerly aspect, to capitalise on sunlight access.

6.30 A dwelling will appear reasonably sunlit provided at least one main window wall faces within 90° of due south and a habitable room, preferably a main living room, receive a total of at least 1.5 hours of sunlight on 21 March.

6.31 The SE analysis shows that 226 of the 339 (67%) of living/kitchen/dining areas will meet the BRE target values. Given the nature of the building, and the limitations mentioned above, we believe this to be a reasonable pass rate. We have worked with the design team to maximise the potential for good daylight amenity and this can be illustrated by the pass rates of those rooms facing south.

6.32 The results show that 91% of the rooms with a southerly aspect meet or surpass the BRE recommendations for Sunlight Exposure.

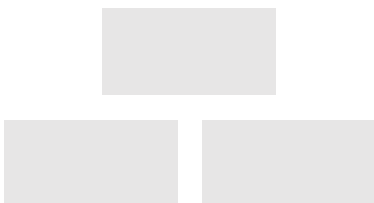
6.33 The rooms that do not face south, may not benefit from good access to sunlight, due to their aspect; however, they do benefit from good access to daylight, which will produce a high and consistent level of illuminance throughout the day. These types of spaces further benefit from a reduced chance of overheating.

6.34 Overall, the results show good levels of compliance when a flexible approach is undertaken, in accordance with the BRE Report.

7 CONCLUSIONS

- 7.1 We have assessed the impact of the proposed new massing at the site upon the Daylight and Sunlight amenity currently received by the subject properties surrounding the site.
- 7.2 The results of the analysis show that 72% of the 975 windows assessed will meet the BRE guidance for VSC, when the existing vs proposed scenario is assessed.
- 7.3 The Daylight Distribution results show that 94% of the 566 rooms tested will meet the BRE guidance.
- 7.4 The BRE target values for APSH will be met in 97% of the 519 windows assessed.
- 7.5 Overall, the impact upon the neighbouring properties will be minimal in most cases. The Altolusso building adjacent to the site shows deviations in the VSC analysis; however, the DD assessment shows 100% compliance. These results are considered positive in comparison with many city centre schemes we have analysed.
- 7.6 The results of the Spatial Daylight Autonomy test confirm that of the 743 rooms tested, 651 meet or surpass the BRE recommendations. The proposal therefore achieves a compliance rate of 88% across the building as a whole.
- 7.7 The results of the Sunlight Exposure test show that of the 67% of the main living areas within the scheme have at least one room meeting or surpassing the BRE recommendations. The majority of the units that fall short of the recommendations do not benefit from a southerly aspect and therefore would not be expected to achieve positive sunlight results. Given the shape of the building it will be impossible to have all units facing south, however best efforts have been made in this regard.
- 7.8 Whilst there are some instances where the results do not meet the recommendations, it is important to note that the BRE guide and NPPF both recommend flexibility when reviewing Daylight & Sunlight matters, where the efficient use of a site is at risk. Drawing directly from the BRE guide:
- "The guide is intended for building designers and their clients, consultants and planning officials. The advice given is not mandatory and this document should not be considered 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 the many factors in site layout design."*
- 7.9 Based on the above reasons we therefore conclude that the significant majority of the habitable rooms within the proposed development will have good access to daylight and sunlight, as well as the neighbouring properties. Given the urban nature of the site in a metropolitan town centre location, the results are considered to be positive. In our opinion the proposal has achieved the necessary balance in this case, we therefore believe that there is no Daylight and Sunlight related reason why planning permission should not be granted for this scheme.

Identification Drawings





02
01

Plan View

Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or
assumed.

Supplemented with site photography, Bing maps and Google
Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guildford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Existing Plan View

Scale	Date	Drawn
NTS	June 2024	RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02b-01



02
02

Plan View

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RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02b-02



02
03

3d View

Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

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Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Existing 3d View

Scale
NTS

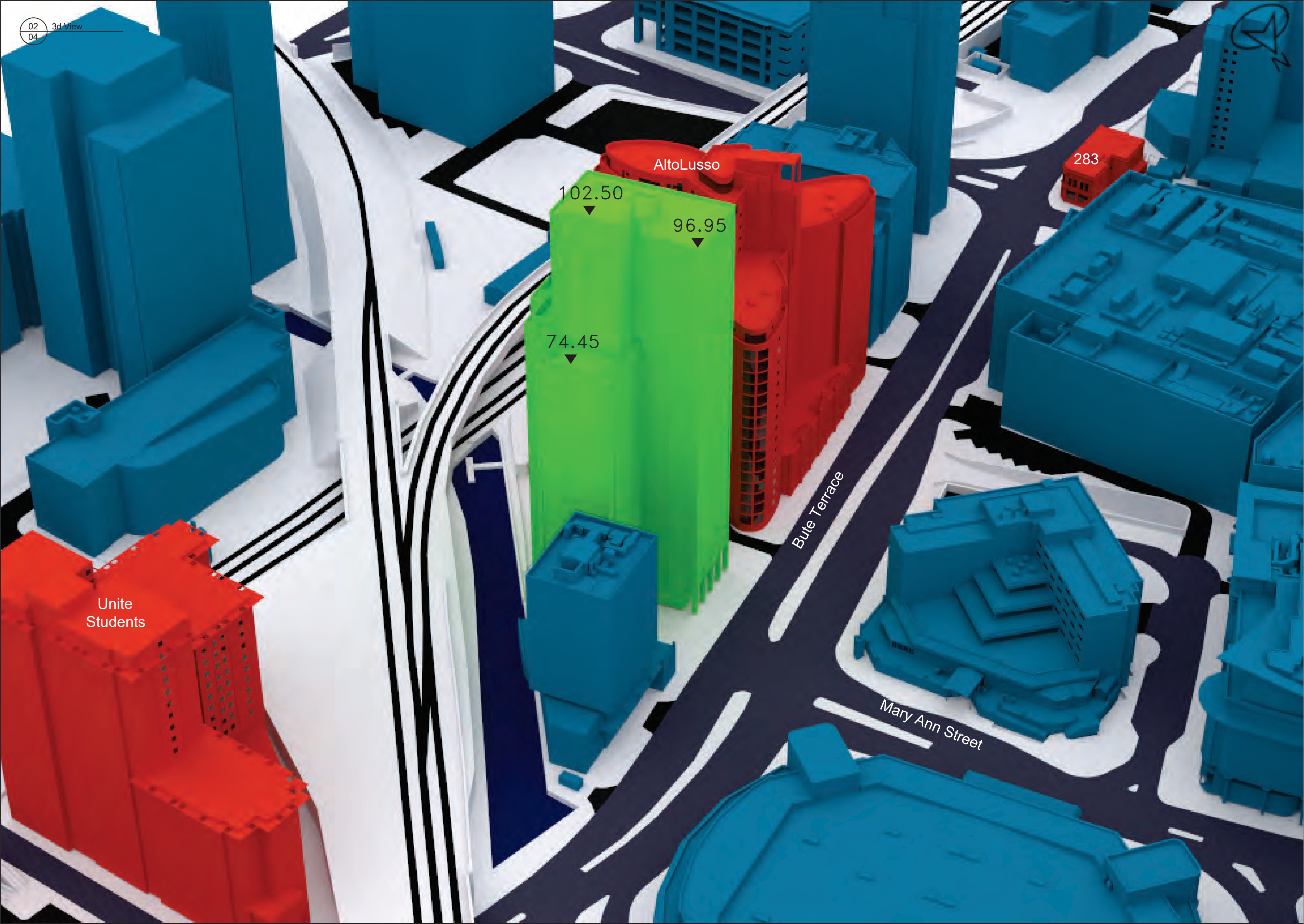
Date
June 2024

Drawn
RH

RAPLEYS

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Client
Harlech Court Limited
Job Title
Harlech Court, Cardiff

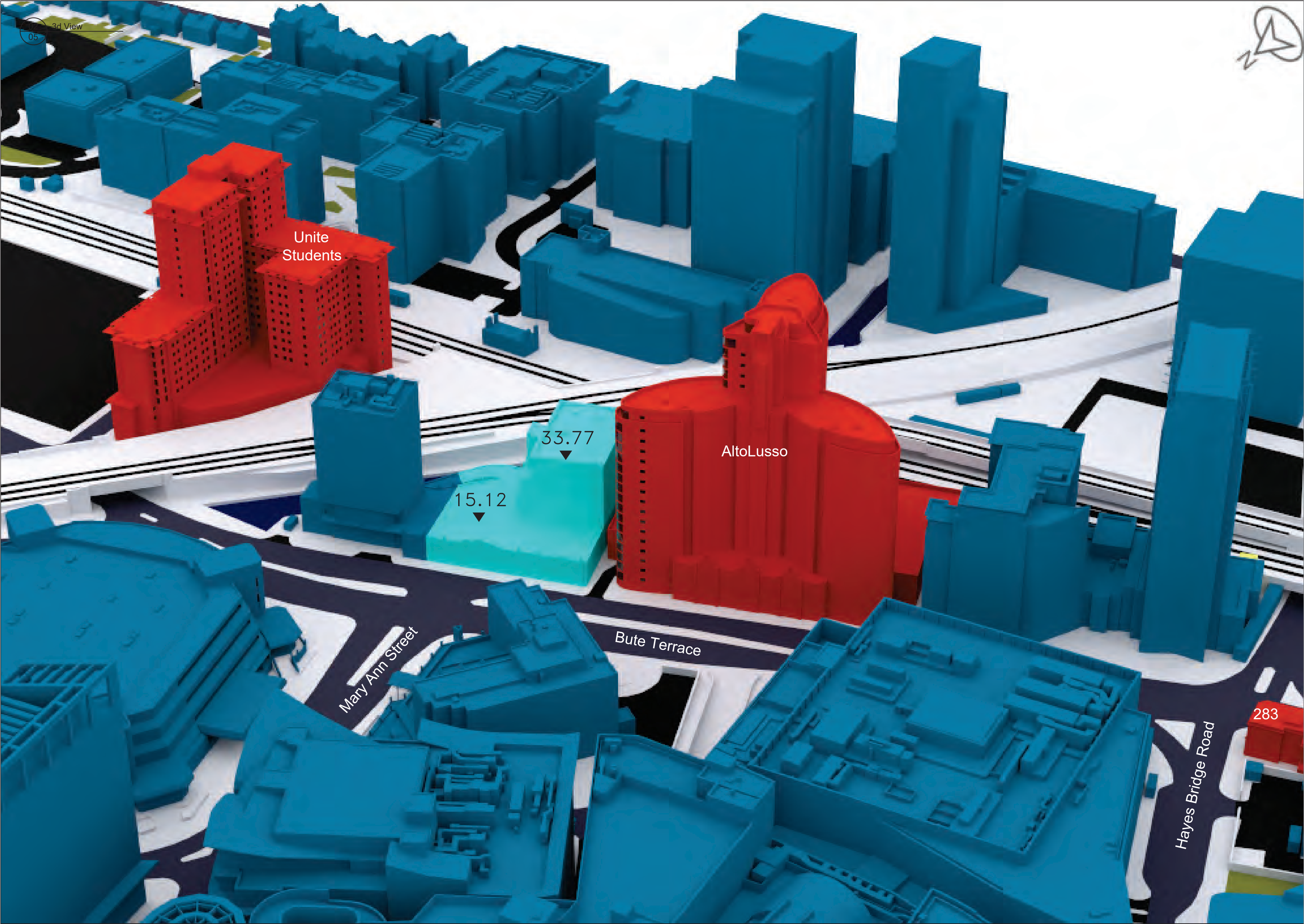
Drawing Title
Proposed 3d View

Scale
NTS
Date
June 2024
Drawn
RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02b-04



Analysis
Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)
Existing Model & Surrounding Model
Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg
Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.
Supplemented with site photography, Bing maps and Google Streetmaps.
Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guildford Crescent - Consented Scheme
21-01682-MJR - PDF Series
Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

Client
Harlech Court Limited
Job Title
Harlech Court, Cardiff

Drawing Title
Existing 3d View

Scale	Date	Drawn
NTS	June 2024	RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
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19-00360-02b-05



Analysis
Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)
Existing Model & Surrounding Model
Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg
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Proposed Model
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Ref: SKUP Model (May 2024).dwg

Client
Harlech Court Limited
Job Title
Harlech Court, Cardiff

Drawing Title
Proposed 3d View

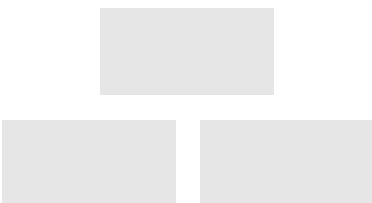
Scale NTS
Date June 2024
Drawn RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
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19-00360-02b-06

Daylight & Sunlight (VSC, DD & APSH) Results



Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria		
Unite Students-Ty Pont Haearn																									
Third	R1	Higher Education	LKD	W1	Existing Proposed	22.93 22.92	1.00	YES	336°N			13.00 12.00	*North 0.93	*North YES	0.00 0.00	*North 1.00	*North YES		41.00 38.00	0.93	YES	6.00 6.00	1.00	YES	
Third	R1	Higher Education	LKD	W2	Existing Proposed	29.87 27.73	0.93	YES	246°	26.40 25.32	0.96	YES	44.00 40.00	0.91	YES	7.00 7.00	1.00	YES		41.00 38.00	0.93	YES	6.00 6.00	1.00	YES
Third	R2	Higher Education	Bedroom	W3	Existing Proposed	29.62 27.36	0.92	YES	246°	29.62 27.36	0.92	YES	44.00 40.00	0.91	YES	7.00 7.00	1.00	YES		44.00 40.00	0.91	YES	7.00 7.00	1.00	YES
Third	R3	Higher Education	Bedroom	W4	Existing Proposed	29.28 26.92	0.92	YES	246°	29.28 26.92	0.92	YES	44.00 41.00	0.93	YES	6.00 6.00	1.00	YES		44.00 41.00	0.93	YES	6.00 6.00	1.00	YES
Third	R4	Higher Education	Bedroom	W5	Existing Proposed	28.35 25.92	0.91	YES	246°	28.35 25.92	0.91	YES	42.00 39.00	0.93	YES	7.00 7.00	1.00	YES		42.00 39.00	0.93	YES	7.00 7.00	1.00	YES
Third	R5	Higher Education	Bedroom	W6	Existing Proposed	28.07 25.55	0.91	YES	246°	28.07 25.55	0.91	YES	40.00 36.00	0.90	YES	5.00 5.00	1.00	YES		40.00 36.00	0.90	YES	5.00 5.00	1.00	YES
Third	R6	Higher Education	Bedroom	W7	Existing Proposed	27.27 24.72	0.91	YES	246°	27.27 24.72	0.91	YES	34.00 30.00	0.88	YES	5.00 5.00	1.00	YES		34.00 30.00	0.88	YES	5.00 5.00	1.00	YES
Third	R7	Higher Education	Bedroom	W8	Existing Proposed	26.05 23.43	0.90	YES	246°	26.05 23.43	0.90	YES	32.00 27.00	0.84	YES	4.00 4.00	1.00	YES		32.00 27.00	0.84	YES	4.00 4.00	1.00	YES
Third	R7	Higher Education	Bedroom	W9	Existing Proposed	25.14 22.47	0.89	YES	246°	25.14 22.47	0.89	YES	31.00 27.00	0.87	YES	4.00 4.00	1.00	YES		32.00 27.00	0.84	YES	4.00 4.00	1.00	YES
Third	R8	Higher Education	LKD	W10	Existing Proposed	21.67 18.97	0.88	YES	246°	21.67 18.97	0.88	YES	21.00 17.00	0.81	YES	2.00 2.00	1.00	YES		21.00 17.00	0.81	YES	2.00 2.00	1.00	YES
Third	R9	Higher Education	Bedroom	W11	Existing Proposed	20.57 17.83	0.87	YES	246°	20.57 17.83	0.87	YES	16.00 12.00	0.75	YES	0.00 0.00	1.00	YES		16.00 12.00	0.75	YES	0.00 0.00	1.00	YES
Third	R10	Higher Education	Bedroom	W12	Existing Proposed	17.83 15.09	0.85	YES	246°	17.83 15.09	0.85	YES	11.00 9.00	0.82	YES	0.00 0.00	1.00	YES		11.00 9.00	0.82	YES	0.00 0.00	1.00	YES
Third	R11	Higher Education	Bedroom	W13	Existing Proposed	16.79 14.06	0.84	YES	246°	16.79 14.06	0.84	YES	9.00 7.00	0.78	YES	0.00 0.00	1.00	YES		9.00 7.00	0.78	YES	0.00 0.00	1.00	YES
Third	R12	Higher Education	Bedroom	W14	Existing Proposed	14.92 12.48	0.84	YES	246°	14.92 12.48	0.84	YES	5.00 3.00	0.60	YES	0.00 0.00	1.00	YES		5.00 3.00	0.60	YES	0.00 0.00	1.00	YES
Third	R13	Higher Education	Bedroom	W15	Existing Proposed	10.39 10.25	0.99	YES	246°	10.39 10.25	0.99	YES	4.00 3.00	0.75	YES	0.00 0.00	1.00	YES							
Third	R13	Higher Education	Bedroom	W16	Existing Proposed	0.27 0.27	1.00	YES	156°	0.27 0.27	1.00	YES	0.00 0.00	1.00	YES	0.00 0.00	1.00	YES							
Third	R14	Higher Education	Bedroom	W17	Existing Proposed	1.27 1.27	1.00	YES	246°	5.33 5.26	0.99	YES	0.00 0.00	1.00	YES	0.00 0.00	1.00	YES		4.00 3.00	0.75	YES	0.00 0.00	1.00	YES
Third	R15	Higher Education	LKD	W18	Existing Proposed	2.87 2.87	1.00	YES	336°N	1.27 1.27	1.00	YES		*North	*North		*North	*North		0.00 0.00	1.00	YES	0.00 0.00	1.00	YES
Third	R15	Higher Education	LKD	W19	Existing Proposed	5.47 5.47	1.00	YES	336°N				*North	*North		*North	*North								
Third	R15	Higher Education	LKD	W20	Existing Proposed	9.27 9.27	1.00	YES	336°N				*North	*North		*North	*North								
Third	R15	Higher Education	LKD	W21	Existing Proposed	11.41 11.41	1.00	YES	336°N				*North	*North		*North	*North								
Third	R15	Higher Education	LKD	W22	Existing Proposed	10.85 10.85	1.00	YES	336°N				*North	*North		*North	*North								
Third	R15	Higher Education	LKD	W23	Existing Proposed	9.46 9.46	1.00	YES	336°N				*North	*North		*North	*North								
Third	R17	Higher Education	Bedroom	W25	Existing Proposed	25.17 24.28	0.96	YES	336°N	8.20 8.20	1.00	YES		*North	*North		*North	*North		*North	*North		*North	*North	
Third	R18	Higher Education	Bedroom	W26	Existing Proposed	26.29 25.34	0.96	YES	336°N	25.17 24.28	0.96	YES		*North	*North		*North	*North		*North	*North		*North	*North	
Third	R19	Higher Education	Bedroom	W27	Existing Proposed	27.18 26.16	0.96	YES	336°N	26.29 25.34	0.96	YES		*North	*North		*North	*North		*North	*North		*North	*North	
Third	R20	Higher Education	Bedroom	W28	Existing Proposed	28.85 27.66	0.96	YES	336°N	27.18 26.16	0.96	YES	9.00 4.00	*North	*North	0.00 0.00	*North	*North		*North	*North		*North	*North	
Third	R20	Higher Education	Bedroom	W29	Existing Proposed	29.26 24.95	0.85	YES	246°	39.00 33.00	0.85	YES	9.00 9.00	1.00	YES	1.00	YES								
Third	R21	Higher Education	Bedroom	W30	Existing Proposed	28.90 24.61	0.85	YES	246°	29.05 26.31	0.91	YES	37.00 30.00	0.81	YES	9.00 9.00	1.00	YES		39.00 34.00	0.87	YES	9.00 9.00	1.00	YES
Third	R22	Higher Education	Bedroom	W31	Existing Proposed	27.94 23.70	0.85	YES	246°	28.90 24.61	0.85	YES	34.00 27.00	0.79	YES	7.00 7.00	1.00	YES		37.00 30.00	0.81	YES	9.00 9.00	1.00	YES
Third	R23	Higher Education	Bedroom	W32	Existing Proposed	27.59 23.39	0.85	YES	246°	27.94 23.70	0.85	YES	34.00 27.00	0.79	YES	7.00 7.00	1.00	YES		34.00 27.00	0.79	YES	7.00 7.00	1.00	YES
Third	R24	Higher Education	Bedroom	W33	Existing Proposed	26.61 22.49	0.85	YES	246°	27.59 23.39	0.85	YES	31.00 23.00	0.74	NO	7.00 7.00	1.00	YES		34.00 27.00	0.79	YES	7.00 7.00	1.00	YES
Third	R25	Higher Education	Bedroom	W34	Existing Proposed	22.73 18.71	0.82	YES	246°	26.61 22.49	0.85	YES	25.00 17.00	0.68	NO	4.00 4.00	1.00	YES		31.00 23.00	0.74	NO	7.00 7.00	1.00	YES
Third	R26	Higher Education	Bedroom	W35	Existing Proposed	18.34 14.38	0.78	NO	246°	22.73 18.71	0.82	YES	14.00 6.00	0.43	NO	0.00 0.00	1.00	YES		25.00 17.00	0.68	NO	4.00 4.00	1.00	YES
Fourth	R1	Higher Education	LKD	W1	Existing Proposed	23.28 23.26	1.00	YES	336°N	18.34 14.38	0.78	NO	14.00 12.00	*North	*North	0.00 0.00	*North	*North		14.00 6.00	0.43	NO	0.00 0.00	1.00	YES
Fourth	R1	Higher Education	LKD	W2	Existing Proposed	30.58 28.42	0.93	YES	246°	26.93 25.84	0.96	YES	41.00 39.00	0.95	YES	6.00 6.00	1.00	YES							
Fourth	R2	Higher Education	Bedroom	W3	Existing Proposed	30.38 28.11	0.93	YES	246°	26.93 25.84	0.96	YES	44.00 41.00	0.93	YES	6.00 6.00	1.00	YES		42.00 39.00	0.93	YES	6.00 6.00	1.00	YES
Fourth	R3	Higher Education	Bedroom	W4	Existing Proposed	30.05 27.69	0.92	YES	246°	30.38 28.11	0.93	YES	44.00 42.00	0.95	YES	6.00 6.00	1.00	YES		44.00 42.00	0.93	YES	6.00 6.00	1.00	YES
Fourth	R4	Higher Education	Bedroom	W5	Existing Proposed	29.14 26.71	0.92	YES	246°	30.05 27.69	0.92	YES	42.00 39.00	0.93	YES	7.00 7.00	1.00	YES		44.00 42.00	0.95	YES	6.00 6.00	1.00	YES
Fourth	R5	Higher Education	Bedroom	W6	Existing Proposed	28.86 26.34	0.91	YES	246°	29.14 26.71	0.92	YES	40.00 36.00	0.90	YES	5.00 5.00	1.00	YES		42.00 39.00	0.93	YES	7.00 7.00	1.00	YES
Fourth	R6	Higher Education	Bedroom	W7	Existing Proposed	28.07 25.52	0.91	YES	246°	28.86 26.34	0.91	YES	36.00 32.00	0.89	YES	5.00 5.00	1.00	YES		40.00 36.00	0.90	YES	5.00 5.00	1.00	YES

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
									28.07	0.91	YES							36.00			5.00		
Fourth	R7	Higher Education	Bedroom	W8	Existing	26.86	0.90	YES	246°	25.52								32.00	0.89	YES	5.00	1.00	YES
					Proposed	24.25						34.00	0.85	YES	4.00	1.00	YES						
Fourth	R7	Higher Education	Bedroom	W9	Existing	25.94	0.90	YES	246°			29.00											
					Proposed	23.29						33.00	0.85	YES	4.00	1.00	YES						
									26.40	0.90	YES	28.00						34.00			4.00		
									23.77									29.00	0.85	YES	4.00	1.00	YES
Fourth	R8	Higher Education	LKD	W10	Existing	22.40	0.88	YES	246°			22.00	0.77	NO	2.00	1.00	YES						
					Proposed	19.72						17.00			2.00								
									22.40	0.88	YES							22.00			2.00		
									19.72									17.00	0.77	NO	2.00	1.00	YES
Fourth	R9	Higher Education	Bedroom	W11	Existing	21.30	0.87	YES	246°			20.00	0.85	YES	0.00	1.00	YES						
					Proposed	18.58						17.00			0.00								
									21.30	0.87	YES							20.00			0.00		
									18.58									17.00	0.85	YES	0.00	1.00	YES
Fourth	R10	Higher Education	Bedroom	W12	Existing	18.48	0.85	YES	246°			13.00	0.77	YES	0.00	1.00	YES						
					Proposed	15.76						10.00			0.00								
									18.48	0.85	YES							13.00			0.00		
									15.76									10.00	0.77	YES	0.00	1.00	YES
Fourth	R11	Higher Education	Bedroom	W13	Existing	17.37	0.84	YES	246°			11.00	0.73	YES	0.00	1.00	YES						
					Proposed	14.66						8.00			0.00								
									17.37	0.84	YES							11.00			0.00		
									14.66									8.00	0.73	YES	0.00	1.00	YES

Project Name: Harlech Court Project No.: 10-00860-020 Report Title: Daylight & Sunlight Analysis - Neighbour Date of Analysis: 11/06/2024																									
Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pri/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pri/Ex	Meets BRE Criteria	Annual	Pri/Ex	Meets BRE Criteria	Winter	Pri/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pri/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pri/Ex	Meets BRE Criteria		
Fourth	R12	Higher Education	Bedroom	W14	Existing Proposed	15.45 13.01	0.84	YES	246°	15.45 13.01	0.84	YES	6.00 4.00	0.67	YES	0.00 0.00	1.00	YES	6.00 4.00	0.67	YES	0.00 0.00	1.00	YES	
Fourth	R13	Higher Education	Bedroom	W15	Existing Proposed	10.85 10.71	0.99	YES	246°				5.00 4.00	0.80	YES	0.00 0.00	1.00	YES				0.00 0.00	1.00	YES	
Fourth	R13	Higher Education	Bedroom	W16	Existing Proposed	0.36 0.36	1.00	YES	156°				0.00 0.00	1.00	YES	0.00 0.00	1.00	YES				0.00 0.00	1.00	YES	
Fourth	R14	Higher Education	Bedroom	W17	Existing Proposed	1.61 1.61	1.00	YES	246°	5.60 5.53	0.99	YES	0.00 0.00	1.00	YES	0.00 0.00	1.00	YES	5.00 4.00	0.80	YES	0.00 0.00	1.00	YES	
Fourth	R15	Higher Education	LKD	W18	Existing Proposed	3.03 3.03	1.00	YES	336°N	1.61 1.61	1.00	YES		*North	*North		*North	*North	0.00 0.00	1.00	YES	0.00 0.00	1.00	YES	
Fourth	R15	Higher Education	LKD	W19	Existing Proposed	5.65 5.65	1.00	YES	336°N					*North	*North		*North	*North							
Fourth	R15	Higher Education	LKD	W20	Existing Proposed	9.48 9.48	1.00	YES	336°N					*North	*North		*North	*North							
Fourth	R15	Higher Education	LKD	W21	Existing Proposed	11.72 11.72	1.00	YES	336°N					*North	*North		*North	*North							
Fourth	R15	Higher Education	LKD	W22	Existing Proposed	11.18 11.18	1.00	YES	336°N					*North	*North		*North	*North							
Fourth	R15	Higher Education	LKD	W23	Existing Proposed	9.79 9.79	1.00	YES	336°N					*North	*North		*North	*North							
Fourth	R17	Higher Education	Bedroom	W25	Existing Proposed	26.17 25.28	0.97	YES	336°N	8.45 8.45	1.00	YES		*North	*North		*North	*North				*North	*North	*North	*North
Fourth	R18	Higher Education	Bedroom	W26	Existing Proposed	27.34 26.38	0.96	YES	336°N	26.17 25.28	0.97	YES		*North	*North		*North	*North				*North	*North	*North	*North
Fourth	R19	Higher Education	Bedroom	W27	Existing Proposed	28.23 27.21	0.96	YES	336°N	27.34 26.38	0.96	YES		*North	*North		*North	*North				*North	*North	*North	*North
Fourth	R20	Higher Education	Bedroom	W28	Existing Proposed	29.88 28.69	0.96	YES	336°N	28.23 27.21	0.96	YES	9.00 4.00	*North	*North	0.00 0.00	*North	*North				*North	*North	*North	*North
Fourth	R20	Higher Education	Bedroom	W29	Existing Proposed	29.94 25.63	0.86	YES	246°	29.91 27.16	0.91	YES	40.00 34.00	0.85	YES	9.00 9.00	1.00	YES	40.00 35.00	0.88	YES	9.00 9.00	1.00	YES	
Fourth	R21	Higher Education	Bedroom	W30	Existing Proposed	29.56 25.26	0.85	YES	246°	29.56 25.26	0.85	YES	38.00 31.00	0.82	YES	9.00 9.00	1.00	YES	38.00 31.00	0.82	YES	9.00 9.00	1.00	YES	
Fourth	R22	Higher Education	Bedroom	W31	Existing Proposed	28.54 24.31	0.85	YES	246°	28.54 24.31	0.85	YES	34.00 27.00	0.79	YES	7.00 7.00	1.00	YES	34.00 27.00	0.82	YES	7.00 7.00	1.00	YES	
Fourth	R23	Higher Education	Bedroom	W32	Existing Proposed	28.16 23.97	0.85	YES	246°	28.54 24.31	0.85	YES	34.00 27.00	0.79	YES	7.00 7.00	1.00	YES	34.00 27.00	0.79	YES	7.00 7.00	1.00	YES	
Fourth	R24	Higher Education	Bedroom	W33	Existing Proposed	27.12 23.01	0.85	YES	246°	28.16 23.97	0.85	YES	31.00 23.00	0.74	NO	7.00 7.00	1.00	YES	34.00 27.00	0.79	YES	7.00 7.00	1.00	YES	

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Fifth	R17	Higher Education	Bedroom	W25	Existing Proposed	27.31 26.43	0.97	YES	336°N	8.74					*North	*North			*North	*North				
Fifth	R18	Higher Education	Bedroom	W26	Existing Proposed	28.50 27.55	0.97	YES	336°N	27.31 26.43	0.97	YES			*North	*North			*North	*North				
Fifth	R19	Higher Education	Bedroom	W27	Existing Proposed	29.35 28.33	0.97	YES	336°N	28.50 27.55	0.97	YES			*North	*North			*North	*North				
Fifth	R20	Higher Education	Bedroom	W28	Existing Proposed	30.96 29.77	0.96	YES	336°N	29.35 28.33	0.97	YES			*North	*North			*North	*North				
Fifth	R20	Higher Education	Bedroom	W29	Existing Proposed	30.63 26.33	0.86	YES	246°	10.00 5.00 42.00 36.00			*North 0.86	*North YES	0.00 0.00 9.00 9.00	*North 1.00	*North YES							
Fifth	R21	Higher Education	Bedroom	W30	Existing Proposed	30.23 25.95	0.86	YES	246°	30.80 28.05	0.91	YES	40.00 33.00	0.83	YES	9.00 9.00	1.00 YES		42.00 37.00	0.88	YES	9.00 9.00	1.00	YES
										30.23 25.95	0.86	YES							40.00 33.00	0.83	YES	9.00 9.00	1.00	YES

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria	
Fifth	R22	Higher Education	Bedroom	W31	Existing Proposed	29.16 24.95	0.86	YES	246°	29.16 24.95	0.86	YES	34.00 27.00	0.79	YES	7.00 7.00	1.00	YES	34.00 27.00	0.79	YES	7.00 7.00	1.00	YES
Fifth	R23	Higher Education	Bedroom	W32	Existing Proposed	28.73 24.56	0.85	YES	246°	28.73 24.56	0.85	YES	33.00 26.00	0.79	YES	7.00 7.00	1.00	YES	33.00 26.00	0.79	YES	7.00 7.00	1.00	YES
Fifth	R24	Higher Education	Bedroom	W33	Existing Proposed	27.63 23.54	0.85	YES	246°	27.63 23.54	0.85	YES	31.00 23.00	0.74	NO	7.00 7.00	1.00	YES	31.00 23.00	0.74	NO	7.00 7.00	1.00	YES
Fifth	R25	Higher Education	Bedroom	W34	Existing Proposed	23.55 19.56	0.83	YES	246°	23.55 19.56	0.83	YES	25.00 18.00	0.72	NO	4.00 4.00	1.00	YES	25.00 18.00	0.72	NO	4.00 4.00	1.00	YES
Fifth	R26	Higher Education	Bedroom	W35	Existing Proposed	19.07 15.15	0.79	NO	246°	19.07 15.15	0.79	NO	14.00 8.00	0.57	NO	0.00 0.00	1.00	YES	14.00 8.00	0.57	NO	0.00 0.00	1.00	YES
Sixth	R1	Higher Education	LKD	W1	Existing Proposed	23.57 23.55	1.00	YES	336°N	23.57 23.55	1.00	YES	15.00 12.00	*North	*North	1.00 0.00	*North	*North	15.00 12.00	0.57	NO	0.00 0.00	1.00	YES
Sixth	R1	Higher Education	LKD	W2	Existing Proposed	31.75 25.57	0.93	YES	246°	27.66 26.56	0.96	YES	46.00 44.00	0.96	YES	10.00 10.00	1.00	YES	46.00 44.00	0.96	YES	10.00 10.00	1.00	YES
Sixth	R2	Higher Education	Bedroom	W3	Existing Proposed	31.71 29.42	0.93	YES	246°	31.71 29.42	0.93	YES	48.00 45.00	0.94	YES	10.00 9.00	0.90	YES	48.00 45.00	0.94	YES	10.00 9.00	0.91	YES
Sixth	R3	Higher Education	Bedroom	W4	Existing Proposed	31.40 29.04	0.92	YES	246°	31.40 29.04	0.92	YES	47.00 44.00	0.94	YES	10.00 9.00	0.90	YES	47.00 44.00	0.94	YES	10.00 9.00	0.90	YES
Sixth	R4	Higher Education	Bedroom	W5	Existing Proposed	30.61 28.18	0.92	YES	246°	30.61 28.18	0.92	YES	44.00 40.00	0.91	YES	8.00 7.00	0.88	YES	44.00 40.00	0.91	YES	8.00 7.00	0.88	YES
Sixth	R5	Higher Education	Bedroom	W6	Existing Proposed	30.34 27.84	0.92	YES	246°	30.34 27.84	0.92	YES	44.00 39.00	0.89	YES	8.00 7.00	0.88	YES	44.00 39.00	0.89	YES	8.00 7.00	0.88	YES
Sixth	R6	Higher Education	Bedroom	W7	Existing Proposed	29.61 27.08	0.91	YES	246°	29.61 27.08	0.91	YES	39.00 35.00	0.90	YES	6.00 6.00	1.00	YES	39.00 35.00	0.90	YES	6.00 6.00	1.00	YES
Sixth	R7	Higher Education	Bedroom	W8	Existing Proposed	28.48 25.89	0.91	YES	246°	28.48 25.89	0.91	YES	39.00 34.00	0.87	YES	4.00 4.00	1.00	YES	39.00 34.00	0.87	YES	4.00 4.00	1.00	YES
Sixth	R7	Higher Education	Bedroom	W9	Existing Proposed	27.60 24.98	0.91	YES	246°	27.60 24.98	0.91	YES	38.00 33.00	0.87	YES	4.00 4.00	1.00	YES	38.00 33.00	0.87	YES	4.00 4.00	1.00	YES
Sixth	R8	Higher Education	LKD	W10	Existing Proposed	24.03 21.40	0.89	YES	246°	24.03 21.40	0.89	YES	27.00 23.00	0.85	YES	2.00 2.00	1.00	YES	27.00 23.00	0.85	YES	2.00 2.00	1.00	YES
Sixth	R9	Higher Education	Bedroom	W11	Existing Proposed	23.11 20.45	0.88	YES	246°	23.11 20.45	0.88	YES	26.00 23.00	0.88	YES	0.00 0.00	1.00	YES	26.00 23.00	0.88	YES	0.00 0.00	1.00	YES
Sixth	R10	Higher Education	Bedroom	W12	Existing Proposed	20.19 17.53	0.87	YES	246°	20.19 17.53	0.87	YES	17.00 14.00	0.82	YES	0.00 0.00	1.00	YES	17.00 14.00	0.82	YES	0.00 0.00	1.00	YES
Sixth	R11	Higher Education	Bedroom	W13	Existing Proposed	18.90 16.25	0.86	YES	246°	18.90 16.25	0.86	YES	16.00 13.00	0.81	YES	0.00 0.00	1.00	YES	16.00 13.00	0.81	YES	0.00 0.00	1.00	YES
Sixth	R12	Higher Education	Bedroom	W14	Existing Proposed	16.88 14.48	0.86	YES	246°	16.88 14.48	0.86	YES	10.00 8.00	0.80	YES	0.00 0.00	1.00	YES	10.00 8.00	0.80	YES	0.00 0.00	1.00	YES
Sixth	R13	Higher Education	Bedroom	W15	Existing Proposed	12.16 12.02	0.99	YES	246°	12.16 12.02	0.99	YES	7.00 7.00	1.00	YES	0.00 0.00	1.00	YES	7.00 7.00	1.00	YES	0.00 0.00	1.00	YES
Sixth	R13	Higher Education	Bedroom	W16	Existing Proposed	0.68 0.68	1.00	YES	156°	0.68 0.68	1.00	YES	0.00 0.00	1.00	YES	0.00 0.00	1.00	YES	0.00 0.00	1.00	YES	0.00 0.00	1.00	YES
Sixth	R14	Higher Education	Bedroom	W17	Existing Proposed	2.67 2.67	1.00	YES	246°	2.67 2.67	1.00	YES	0.00 0.00	1.00	YES	0.00 0.00	1.00	YES	0.00 0.00	1.00	YES	0.00 0.00	1.00	YES
Sixth	R15	Higher Education	LKD	W18	Existing Proposed	3.47 3.47	1.00	YES	336°N	3.47 3.47	1.00	YES	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North
Sixth	R15	Higher Education	LKD	W19	Existing Proposed	6.11 6.11	1.00	YES	336°N	6.11 6.11	1.00	YES	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North
Sixth	R15	Higher Education	LKD	W20	Existing Proposed	10.00 12.45	1.00	YES	336°N	10.00 12.45	1.00	YES	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North
Sixth	R15	Higher Education	LKD	W21	Existing Proposed	12.45 12.45	1.00	YES	336°N	12.45 12.45	1.00	YES	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North
Sixth	R15	Higher Education	LKD	W22	Existing Proposed	12.00 10.58	1.00	YES	336°N	12.00 10.58	1.00	YES	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North
Sixth	R15	Higher Education	LKD	W23	Existing Proposed	10.58 10.58	1.00	YES	336°N	10.58 10.58	1.00	YES	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North
Sixth	R17	Higher Education	Bedroom	W25	Existing Proposed	28.52 27.65	0.97	YES	336°N	28.52 27.65	0.97	YES	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North
Sixth	R18	Higher Education	Bedroom	W26	Existing Proposed	29.69 28.74	0.97	YES	336°N	29.69 28.74	0.97	YES	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North
Sixth	R19	Higher Education	Bedroom	W27	Existing Proposed	30.50 29.48	0.97	YES	336°N	30.50 29.48	0.97	YES	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North
Sixth	R20	Higher Education	Bedroom	W28	Existing Proposed	32.01 30.82	0.96	YES	336°N	32.01 30.82	0.96	YES	12.00 7.00	*North	*North	0.00 0.00	*North	*North	*North	*North	*North	*North	*North	*North
Sixth	R20	Higher Education	Bedroom	W29	Existing Proposed	31.33 27.04	0.86	YES	246°	31.33 27.04	0.86	YES	41.00 35.00	0.85	YES	9.00 9.00	1.00	YES	41.00 35.00	0.85	YES	9.00 9.00	1.00	YES
Sixth	R21	Higher Education	Bedroom	W30	Existing Proposed	30.90 26.64	0.86	YES	246°	30.90 26.64	0.86	YES	41.00 34.00	0.83	YES	9.00 9.00	1.00	YES	41.00 34.00	0.83	YES	9.00 9.00	1.00	YES
Sixth	R22	Higher Education	Bedroom	W31	Existing Proposed	29.79 25.60	0.86	YES	246°	29.79 25.60	0.86	YES	35.00 28.00	0.80	YES	7.00 7.00	1.00	YES	35.00 28.00	0.80	YES	7.00 7.00	1.00	YES
Sixth	R23	Higher Education	Bedroom	W32	Existing Proposed	29.30 25.16	0.86	YES	246°	29.30 25.16	0.86	YES	34.00 27.00	0.79	YES	7.00 7.00	1.00	YES	34.00 27.00	0.79	YES	7.00 7.00	1.00	YES
Sixth	R24	Higher Education	Bedroom	W33	Existing Proposed	28.13 24.07	0.86	YES	246°	28.13 24.07	0.86	YES	32.00 25.00	0.78	YES	7.00 7.00	1.00	YES	32.00 25.00	0.78	YES	7.00 7.00	1.00	YES
Sixth	R25	Higher Education	Bedroom	W34	Existing Proposed	23.93 19.96	0.83	YES	246°	23.93 19.96	0.83	YES	25.00 19.00	0.76	NO	4.00 4.00	1.00	YES	25.00 19.00	0.76	NO	4.00 4.00	1.00	YES
Sixth	R26	Higher Education	Bedroom	W35	Existing Proposed	19.37 15.47	0.80	YES	246°	19.37 15.47	0.80	YES	14.00 8.00	0.57	NO	0.00 0.00	1.00	YES	14.00 8.00	0.57	NO	0.00 0.00	1.00	YES
Seventh	R1	Higher Education	LKD	W1	Existing Proposed	23.05 23.03	1.00	YES	336°N	23.05 23.03	1.00	YES	15.00 12.00	*North	*North	1.00 0.00	*North	*North	15.00 12.00	0.57	NO	0.00 0.00	1.00	YES
Seventh	R1	Higher Education	LKD	W2	Existing Proposed	31.79 29.60	0.93	YES	246°	27.42 26.31	0.96	YES	47.00 44.00	0.94	YES	12.00 11.00	0.92	YES	47.00 44.00	0.94	YES	12.00 11.00	0.92	YES
Seventh	R2	Higher Education	Bedroom	W3	Existing	31.87	0.93	YES	246°	31.87	0.93	YES	50.00	0.94	YES	13.00	0.92	YES	50.00	0.94	YES	13.00	0.92	YES

Project Name: Harlech Court
Project No.: 19-00380-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
					Proposed	29.59			31.87 29.59	0.93	YES	47.00			12.00			50.00 47.00	0.94	YES	13.00 12.00	0.92	YES
Seventh	R3	Higher Education	Bedroom	W4	Existing Proposed	31.60 29.23	0.93	YES	246"			52.00 49.00	0.94	YES	13.00 12.00	0.92	YES						
									31.60 29.23	0.93	YES							52.00 49.00	0.94	YES	13.00 12.00	0.92	YES
Seventh	R4	Higher Education	Bedroom	W5	Existing Proposed	30.94 28.52	0.92	YES	246"			46.00 43.00	0.93	YES	11.00 10.00	0.91	YES						
									30.94 28.52	0.92	YES							46.00 43.00	0.93	YES	11.00 10.00	0.91	YES
Seventh	R5	Higher Education	Bedroom	W6	Existing Proposed	30.70 28.21	0.92	YES	246"			46.00 42.00	0.91	YES	10.00 9.00	0.90	YES						
									30.70 28.21	0.92	YES							46.00 42.00	0.91	YES	10.00 9.00	0.90	YES
Seventh	R6	Higher Education	Bedroom	W7	Existing Proposed	30.02 27.52	0.92	YES	246"			44.00 41.00	0.93	YES	8.00 8.00	1.00	YES						
									30.02 27.52	0.92	YES							44.00 41.00	0.93	YES	8.00 8.00	1.00	YES
Seventh	R7	Higher Education	Bedroom	W8	Existing Proposed	28.92 26.37	0.91	YES	246"			40.00 36.00	0.90	YES	6.00 6.00	1.00	YES						
												40.00 36.00	0.90	YES	5.00 5.00	1.00	YES						
Seventh	R7	Higher Education	Bedroom	W9	Existing Proposed	28.12 25.53	0.91	YES	246"														
									28.52 25.95	0.91	YES							42.00 38.00	0.90	YES	6.00 6.00	1.00	YES

Project Name: Harlech Court
Project No.: 19-00380-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Seventh	R8	Higher Education	LKD	W10	Existing Proposed	24.74 22.14	0.89	YES	246°	24.74 22.14	0.89	YES	30.00 26.00	0.87	YES	2.00 2.00	1.00	YES						
Seventh	R9	Higher Education	Bedroom	W11	Existing Proposed	24.27 21.64	0.89	YES	246°	24.27 21.64	0.89	YES	27.00 24.00	0.89	YES	0.00 0.00	1.00	YES						
Seventh	R10	Higher Education	Bedroom	W12	Existing Proposed	21.38 18.76	0.88	YES	246°	21.38 18.76	0.88	YES	22.00 19.00	0.86	YES	0.00 0.00	1.00	YES						
Seventh	R11	Higher Education	Bedroom	W13	Existing Proposed	20.01 17.40	0.87	YES	246°	20.01 17.40	0.87	YES	19.00 16.00	0.84	YES	0.00 0.00	1.00	YES						
Seventh	R12	Higher Education	Bedroom	W14	Existing Proposed	17.95 15.58	0.87	YES	246°	17.95 15.58	0.87	YES	13.00 11.00	0.85	YES	0.00 0.00	1.00	YES						
Seventh	R13	Higher Education	Bedroom	W15	Existing Proposed	13.21 13.07	0.99	YES	246°	13.21 13.07	0.99	YES	7.00 7.00	1.00	YES	0.00 0.00	1.00	YES						
Seventh	R13	Higher Education	Bedroom	W16	Existing Proposed	1.00 1.00	1.00	YES	156°	1.00 1.00	1.00	YES	0.00 0.00	1.00	YES	0.00 0.00	1.00	YES						
Seventh	R14	Higher Education	Bedroom	W17	Existing Proposed	3.52 3.52	1.00	YES	246°	3.52 3.52	1.00	YES	2.00 2.00	1.00	YES	0.00 0.00	1.00	YES						
Seventh	R15	Higher Education	LKD	W18	Existing Proposed	3.78 3.78	1.00	YES	336°N	3.78 3.78	1.00	YES												
Seventh	R15	Higher Education	LKD	W19	Existing Proposed	6.45 6.45	1.00	YES	336°N	6.45 6.45	1.00	YES												
Seventh	R15	Higher Education	LKD	W20	Existing Proposed	10.35 10.35	1.00	YES	336°N	10.35 10.35	1.00	YES												
Seventh	R15	Higher Education	LKD	W21	Existing Proposed	12.91 12.91	1.00	YES	336°N	12.91 12.91	1.00	YES												
Seventh	R15	Higher Education	LKD	W22	Existing Proposed	12.46 12.46	1.00	YES	336°N	12.46 12.46	1.00	YES												
Seventh	R15	Higher Education	LKD	W23	Existing Proposed	10.97 10.97	1.00	YES	336°N	10.97 10.97	1.00	YES												
Seventh	R17	Higher Education	Bedroom	W25	Existing Proposed	29.68 28.81	0.97	YES	336°N	29.68 28.81	0.97	YES												
Seventh	R18	Higher Education	Bedroom	W26	Existing Proposed	30.84 29.90	0.97	YES	336°N	30.84 29.90	0.97	YES												
Seventh	R19	Higher Education	Bedroom	W27	Existing Proposed	31.60 30.59	0.97	YES	336°N	31.60 30.59	0.97	YES												
Seventh	R20	Higher Education	Bedroom	W28	Existing Proposed	32.99 31.81	0.96	YES	336°N	32.99 31.81	0.96	YES	12.00 7.00	*North	*North	0.00 0.00	*North	*North						
Seventh	R20	Higher Education	Bedroom	W29	Existing Proposed	32.01 27.76	0.87	YES	246°	32.01 27.76	0.87	YES	45.00 38.00	0.84	YES	10.00 10.00	1.00	YES						
Seventh	R21	Higher Education	Bedroom	W30	Existing Proposed	31.56 27.34	0.87	YES	246°	31.56 27.34	0.87	YES	44.00 36.00	0.82	YES	10.00 10.00	1.00	YES						
Seventh	R22	Higher Education	Bedroom	W31	Existing Proposed	30.41 26.25	0.86	YES	246°	30.41 26.25	0.86	YES	37.00 30.00	0.81	YES	7.00 7.00	1.00	YES						
Seventh	R23	Higher Education	Bedroom	W32	Existing Proposed	29.85 25.75	0.86	YES	246°	29.85 25.75	0.86	YES	35.00 29.00	0.83	YES	7.00 7.00	1.00	YES						
Seventh	R24	Higher Education	Bedroom	W33	Existing Proposed	28.60 24.58	0.86	YES	246°	28.60 24.58	0.86	YES	33.00 26.00	0.79	YES	7.00 7.00	1.00	YES						
Seventh	R25	Higher Education	Bedroom	W34	Existing Proposed	24.25 20.33	0.84	YES	246°	24.25 20.33	0.84	YES	26.00 20.00	0.77	NO	4.00 4.00	1.00	YES						
Seventh	R26	Higher Education	Bedroom	W35	Existing Proposed	19.61 15.75	0.80	YES	246°	19.61 15.75	0.80	YES	15.00 9.00	0.60	NO	0.00 0.00	1.00	YES						
Eighth	R1	Higher Education	LKD	W1	Existing Proposed	20.60 20.58	1.00	YES	336°N	20.60 20.58	1.00	YES	15.00 12.00	*North	*North	1.00 0.00	*North	*North						
Eighth	R1	Higher Education	LKD	W2	Existing Proposed	29.91 27.72	0.93	YES	246°	29.91 27.72	0.93	YES	40.00 37.00	0.93	YES	11.00 10.00	0.91	YES						
Eighth	R2	Higher Education	Bedroom	W3	Existing Proposed	30.07 27.79	0.92	YES	246°	30.07 27.79	0.92	YES	43.00 40.00	0.93	YES	11.00 10.00	0.91	YES						
Eighth	R3	Higher Education	Bedroom	W4	Existing Proposed	29.84 27.49	0.92	YES	246°	29.84 27.49	0.92	YES	44.00 41.00	0.93	YES	11.00 10.00	0.91	YES						
Eighth	R4	Higher Education	Bedroom	W5	Existing Proposed	29.31 26.91	0.92	YES	246°	29.31 26.91	0.92	YES	43.00 40.00	0.93	YES	11.00 10.00	0.91	YES						
Eighth	R5	Higher Education	Bedroom	W6	Existing Proposed	29.27 26.81	0.92	YES	246°	29.27 26.81	0.92	YES	42.00 38.00	0.90	YES	11.00 10.00	0.91	YES						
Eighth	R6	Higher Education	Bedroom	W7	Existing Proposed	28.46 25.98	0.91	YES	246°	28.46 25.98	0.91	YES	41.00 38.00	0.93	YES	9.00 9.00	1.00	YES						
Eighth	R7	Higher Education	Bedroom	W8	Existing Proposed	27.53 25.01	0.91	YES	246°	27.53 25.01	0.91	YES	37.00 33.00	0.89	YES	6.00 6.00	1.00	YES						
Eighth	R7	Higher Education	Bedroom	W9	Existing Proposed	26.83 24.27	0.90	YES	246°	26.83 24.27	0.90	YES	38.00 34.00	0.89	YES	6.00 6.00	1.00	YES						
Eighth	R8	Higher Education	LKD	W10	Existing Proposed	24.45 21.89	0.90	YES	246°	24.45 21.89	0.90	YES	33.00 29.00	0.88	YES	1.00 1.00	1.00	YES						
Eighth	R9	Higher Education	Bedroom	W11	Existing Proposed	25.73 23.15	0.90	YES	246°	25.73 23.15	0.90	YES	32.00 29.00	0.91	YES	0.00 0.00	1.00	YES						
Eighth	R10	Higher Education	Bedroom	W12	Existing Proposed	22.99 20.42	0.89	YES	246°	22.99 20.42	0.89	YES	27.00 24.00	0.89	YES	0.00 0.00	1.00	YES						
Eighth	R11	Higher Education	Bedroom	W13	Existing Proposed	21.57 19.01	0.88	YES	246°	21.57 19.01	0.88	YES	22.00 19.00	0.86	YES	0.00 0.00	1.00	YES						
Eighth	R12	Higher Education	Bedroom	W14	Existing Proposed	19.51 17.21	0.88	YES	246°	19.51 17.21	0.88	YES	17.00 15.00	0.88	YES	0.00 0.00	1.00	YES						
Eighth	R13	Higher Education	Bedroom	W15	Existing Proposed	14.81 14.68	0.99	YES	246°	14.81 14.68	0.99	YES	11.00 11.00	1.00	YES	0.00 0.00	1.00	YES						
Eighth	R13	Higher Education	Bedroom	W16	Existing Proposed	1.54 1.54	1.00	YES	156°	1.54 1.54	1.00	YES	4.00 4.00	1.00	YES	0.00 0.00	1.00	YES						
Eighth	R14	Higher Education	Bedroom	W17	Existing	4.71	1.00	YES	246°	8.17 8.11	0.99	YES	2.00	1.00	YES	0.00	1.00	YES						

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbourhood
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pri/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pri/Ex	Meets BRE Criteria	Annual Pri/Ex	Meets BRE Criteria	Winter Pri/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pri/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pri/Ex	Meets BRE Criteria
					Proposed	4.71				4.71	1.00	YES	2.00		0.00		2.00 2.00	1.00	YES	0.00 0.00	1.00	YES
Eighth	R15	Higher Education	LKD	W18	Existing Proposed	4.17 4.17	1.00	YES	336°N	4.71	1.00	YES	*North *North	*North *North	*	*						
Eighth	R15	Higher Education	LKD	W19	Existing Proposed	6.89 6.89	1.00	YES	336°N				*North *North	*North *North	*	*						
Eighth	R15	Higher Education	LKD	W20	Existing Proposed	10.82 10.82	1.00	YES	336°N				*North *North	*North *North	*	*						
Eighth	R15	Higher Education	LKD	W21	Existing Proposed	13.48 13.48	1.00	YES	336°N				*North *North	*North *North	*	*						
Eighth	R15	Higher Education	LKD	W22	Existing Proposed	13.05 13.05	1.00	YES	336°N				*North *North	*North *North	*	*						
Eighth	R15	Higher Education	LKD	W23	Existing Proposed	11.40 11.40	1.00	YES	336°N				*North *North	*North *North	*	*						
					Proposed	30.78 29.93	0.97	YES	336°N	9.94 9.94	1.00	YES	*North *North	*North *North	*	*	*North	*North			*North	*North
Eighth	R17	Higher Education	Bedroom	W25	Existing Proposed	31.92 31.00	0.97	YES	336°N	30.78 29.93	0.97	YES	*North *North	*North *North	*	*	*North	*North			*North	*North
Eighth	R18	Higher Education	Bedroom	W26	Existing Proposed	31.92 31.00	0.97	YES	336°N	31.92 31.00	0.97	YES					*North	*North			*North	*North

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Eighth	R19	Higher Education	Bedroom	W27	Existing Proposed	32.60 31.61	0.97	YES	336°N	32.60 31.61	0.97	YES		*North	*North		*North			*North			*North
Eighth	R20	Higher Education	Bedroom	W28	Existing Proposed	33.84 32.67	0.97	YES	336°N			12.00 7.00	*North	*North	0.00 0.00	*North	*North			*North			*North
Eighth	R20	Higher Education	Bedroom	W29	Existing Proposed	32.65 28.45	0.87	YES	246°			47.00 40.00	0.85	YES	10.00 10.00	1.00	YES			*North			*North
Eighth	R21	Higher Education	Bedroom	W30	Existing Proposed	32.19 28.02	0.87	YES	246°	33.25 30.56	0.92	YES						47.00 42.00	0.89	YES	10.00 10.00	1.00	YES
Eighth	R22	Higher Education	Bedroom	W31	Existing Proposed	31.02 26.92	0.87	YES	246°	32.19 28.02	0.87	YES						44.00 36.00	0.82	YES	10.00 10.00	1.00	YES
Eighth	R23	Higher Education	Bedroom	W32	Existing Proposed	30.39 26.35	0.87	YES	246°	31.02 26.92	0.87	YES						41.00 34.00	0.83	YES	8.00 8.00	1.00	YES
Eighth	R24	Higher Education	Bedroom	W33	Existing Proposed	29.05 25.09	0.86	YES	246°	30.39 26.35	0.87	YES						37.00 31.00	0.84	YES	7.00 7.00	1.00	YES
Eighth	R25	Higher Education	Bedroom	W34	Existing Proposed	24.49 20.63	0.84	YES	246°	29.05 25.09	0.86	YES						33.00 26.00	0.79	YES	7.00 7.00	1.00	YES
Eighth	R26	Higher Education	Bedroom	W35	Existing Proposed	19.71 15.90	0.81	YES	246°	24.49 20.63	0.84	YES						25.00 19.00	0.76	NO	4.00 4.00	1.00	YES
										19.71 15.90	0.81	YES						15.00 9.00	0.60	NO	0.00 0.00	1.00	YES
Ninth	R1	Higher Education	LKD	W1	Existing Proposed	14.32 14.31	1.00	YES	336°N			8.00 6.00	*North	*North	1.00 0.00	*North	*North						
Ninth	R1	Higher Education	LKD	W2	Existing Proposed	20.19 18.03	0.89	YES	246°			22.00 19.00	0.86	YES	6.00 5.00	0.83	YES						
Ninth	R2	Higher Education	Bedroom	W3	Existing Proposed	14.18 12.35	0.87	YES	246°	17.25 16.17	0.94	YES						22.00 19.00	0.86	YES	6.00 5.00	0.83	YES
Ninth	R3	Higher Education	Bedroom	W4	Existing Proposed	13.66 11.77	0.86	YES	246°	14.18 12.35	0.87	YES						32.00 29.00	0.91	YES	9.00 8.00	0.89	YES
Ninth	R4	Higher Education	Bedroom	W5	Existing Proposed	14.14 12.20	0.86	YES	246°	13.66 11.77	0.86	YES						15.00 12.00	0.80	YES	6.00 5.00	0.83	YES
Ninth	R5	Higher Education	Bedroom	W6	Existing Proposed	17.66 15.66	0.89	YES	246°	14.14 12.20	0.86	YES						32.00 29.00	0.91	YES	9.00 8.00	0.89	YES
Ninth	R6	Higher Education	Bedroom	W7	Existing Proposed	13.15 11.15	0.85	YES	246°	17.66 15.66	0.89	YES						31.00 27.00	0.87	YES	9.00 8.00	0.89	YES
Ninth	R7	Higher Education	Bedroom	W8	Existing Proposed	12.90 10.85	0.84	YES	246°	13.15 11.15	0.85	YES						14.00 10.00	0.71	YES	6.00 5.00	0.83	YES
Ninth	R7	Higher Education	Bedroom	W9	Existing Proposed	12.44 10.36	0.83	YES	246°			27.00 23.00	0.85	YES	8.00 7.00	0.88	YES						
Ninth	R8	Higher Education	LKD	W10	Existing Proposed	18.91 16.65	0.88	YES	246°			12.00 9.00	0.75	YES	4.00 4.00	1.00	YES						
Ninth	R9	Higher Education	Bedroom	W11	Existing Proposed	28.03 25.50	0.91	YES	246°	12.67 10.61	0.84	YES						35.00 32.00	0.91	YES	4.00 4.00	1.00	YES
Ninth	R10	Higher Education	Bedroom	W12	Existing Proposed	25.20 22.67	0.90	YES	246°	18.91 16.65	0.88	YES						39.00 36.00	0.92	YES	3.00 3.00	1.00	YES
Ninth	R11	Higher Education	Bedroom	W13	Existing Proposed	23.84 21.33	0.89	YES	246°	28.03 25.50	0.91	YES						35.00 32.00	0.91	YES	2.00 2.00	1.00	YES
Ninth	R12	Higher Education	Bedroom	W14	Existing Proposed	21.85 19.65	0.90	YES	246°	25.20 22.67	0.90	YES						31.00 29.00	0.94	YES	0.00 0.00	1.00	YES
Ninth	R13	Higher Education	Bedroom	W15	Existing Proposed	17.36 17.23	0.99	YES	246°	23.84 21.33	0.89	YES						23.00 21.00	0.91	YES	0.00 0.00	1.00	YES
Ninth	R13	Higher Education	Bedroom	W16	Existing Proposed	2.45 2.45	1.00	YES	156°	21.85 19.65	0.90	YES						17.00 17.00	1.00	YES	0.00 0.00	1.00	YES
Ninth	R14	Higher Education	Bedroom	W17	Existing Proposed	6.33 6.30	1.00	YES	246°	9.90 9.84	0.99	YES						7.00 7.00	1.00	YES	0.00 0.00	1.00	YES
Ninth	R15	Higher Education	LKD	W18	Existing Proposed	4.67 4.67	1.00	YES	336°N			5.00 5.00	1.00	YES	0.00 0.00	1.00	YES						
Ninth	R15	Higher Education	LKD	W19	Existing Proposed	7.43 7.43	1.00	YES	336°N	6.33 6.30	1.00	YES							1.00	YES	0.00 0.00	1.00	YES
Ninth	R15	Higher Education	LKD	W20	Existing Proposed	11.43 11.43	1.00	YES	336°N				*North	*North		*North	*North						
Ninth	R15	Higher Education	LKD	W21	Existing Proposed	14.26 14.26	1.00	YES	336°N				*North	*North		*North	*North						
Ninth	R15	Higher Education	LKD	W22	Existing Proposed	13.86 13.86	1.00	YES	336°N				*North	*North		*North	*North						
Ninth	R15	Higher Education	LKD	W23	Existing Proposed	11.91 11.91	1.00	YES	336°N				*North	*North		*North	*North						
Ninth	R17	Higher Education	Bedroom	W25	Existing Proposed	31.60 30.76	0.97	YES	336°N	10.56 10.56	1.00	YES								*North			*North
Ninth	R18	Higher Education	Bedroom	W26	Existing Proposed	32.76 31.85	0.97	YES	336°N	31.60 30.76	0.97	YES								*North			*North
Ninth	R19	Higher Education	Bedroom	W27	Existing Proposed	33.39 32.42	0.97	YES	336°N	32.76 31.85	0.97	YES								*North			*North
Ninth	R20	Higher Education	Bedroom	W28	Existing Proposed	34.49 33.35	0.97	YES	336°N														
Ninth	R20	Higher Education	Bedroom	W29	Existing Proposed	33.18 29.04	0.88	YES	246°			13.00 8.00	*North	*North	0.00 0.00	*North	*North			*North			*North
Ninth	R21	Higher Education	Bedroom	W30	Existing Proposed	32.73 28.63	0.87	YES	246°	33.84 31.20	0.92	YES						48.00 43.00	0.90	YES	11.00 11.00	1.00	YES
Ninth	R22	Higher Education	Bedroom	W31	Existing Proposed	31.61 27.59	0.87	YES	246°			45.00 37.00	0.82	YES	9.00 9.00	1.00	YES						
Ninth	R23	Higher Education	Bedroom	W32	Existing Proposed	30.94 26.97	0.87	YES	246°	32.73 28.63	0.87	YES						42.00 35.00	0.83	YES	8.00 8.00	1.00	YES
Ninth	R24	Higher Education	Bedroom	W33	Existing Proposed	29.50 25.60	0.87	YES	246°	31.61 27.59	0.87	YES						39.00 33.00	0.85	YES	7.00 7.00	1.00	YES
Ninth	R25	Higher Education	Bedroom	W34	Existing	24.63	0.85	YES	246°	30.94 26.97	0.87	YES						33.00 26.00	0.79	YES	7.00 7.00	1.00	YES
										29.50 25.60	0.87	YES						24.00	0.75	NO	4.00	1.00	YES

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Ninth	R26	Higher Education	Bedroom	W35	Proposed	20.83				24.63	0.85	YES	18.00			4.00			24.00			4.00		
					Existing	19.59	0.81	YES	246°	20.83			15.00	0.60	NO	0.00	1.00	YES	18.00	0.75	NO	4.00	1.00	YES
					Proposed	15.86				19.59	0.81	YES							15.00			0.00		
									15.86			9.00			0.00			9.00	0.60	NO	0.00	1.00	YES	
Tenth	R1	Higher Education	LKD	W1	Existing	31.74	0.92	YES	246°				43.00	0.93	YES	8.00	1.00	YES				8.00		
Tenth	R2	Higher Education	Bedroom	W2	Existing	30.90	0.92	YES	246°	31.74	0.92	YES	40.00			8.00			43.00			8.00		
					Proposed	28.43				29.28			46.00	0.93	YES	7.00	1.00	YES	40.00	0.93	YES			
									30.90	0.92	YES	43.00			7.00			46.00			7.00			
					Existing	28.22	0.91	YES	246°	28.43			41.00	0.93	YES	5.00	1.00	YES	43.00	0.93	YES	7.00	1.00	YES
Tenth	R3	Higher Education	Bedroom	W3	Existing	28.22	0.91	YES	246°				41.00	0.93	YES	5.00	1.00	YES				5.00		
					Proposed	25.75				28.22	0.91	YES	38.00			5.00			41.00			5.00		
									28.22	0.91	YES				5.00			41.00			5.00			
					Existing	27.12	0.91	YES	246°	25.75			40.00	0.95	YES	5.00	1.00	YES	38.00	0.93	YES	5.00	1.00	YES
Tenth	R4	Higher Education	Bedroom	W4	Existing	27.12	0.91	YES	246°				40.00	0.95	YES	5.00	1.00	YES				5.00		
					Proposed	24.70				27.12	0.91	YES	38.00			5.00			40.00			5.00		
									24.70						5.00			40.00			5.00			
									24.70						5.00			40.00	0.95	YES	5.00	1.00	YES	

Project Name: Harlech Court
Project No.: 19-00380-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Tenth	R5	Higher Education	Bedroom	W5	Existing Proposed	25.40 23.52	0.93	YES	246°	25.40 23.52	0.93	YES	33.00 32.00	0.97	YES	2.00 2.00	1.00	YES	33.00 32.00	0.97	YES	2.00 2.00	1.00	YES
Tenth	R6	Higher Education	Bedroom	W6	Existing Proposed	21.53 21.41	0.99	YES	246°				27.00 27.00 16.00 16.00	1.00	YES	0.00 0.00 0.00 0.00	1.00	YES						
Tenth	R6	Higher Education	Bedroom	W7	Existing Proposed	4.20 4.20	1.00	YES	156°	12.86 12.80	1.00	YES		1.00	YES		1.00	YES	29.00 29.00	1.00	YES	0.00 0.00	1.00	YES
Tenth	R7	Higher Education	Bedroom	W8	Existing Proposed	8.52 8.05	0.94	YES	246°	8.52 8.05	0.94	YES	12.00 11.00	0.92	YES	0.00 0.00	1.00	YES	12.00 11.00	0.92	YES	0.00 0.00	1.00	YES
Tenth	R8	Higher Education	LKD	W9	Existing Proposed	5.26 5.12	0.97	YES	336°N				*North	*North		*North	*North							
Tenth	R8	Higher Education	LKD	W10	Existing Proposed	8.11 8.05	0.99	YES	336°N				*North	*North		*North	*North							
Tenth	R8	Higher Education	LKD	W11	Existing Proposed	12.16 12.15	1.00	YES	336°N				*North	*North		*North	*North							
Tenth	R8	Higher Education	LKD	W12	Existing Proposed	15.28 15.28	1.00	YES	336°N				*North	*North		*North	*North							
Tenth	R8	Higher Education	LKD	W13	Existing Proposed	14.94 14.94	1.00	YES	336°N				*North	*North		*North	*North							
Tenth	R8	Higher Education	LKD	W14	Existing Proposed	12.62 12.62	1.00	YES	336°N				*North	*North		*North	*North							
Tenth	R10	Higher Education	Bedroom	W16	Existing Proposed	31.77 30.96	0.97	YES	336°N	11.36 11.33	1.00	YES							*North	*North		*North	*North	
Tenth	R11	Higher Education	Bedroom	W17	Existing Proposed	32.99 32.11	0.97	YES	336°N	31.77 30.96	0.97	YES							*North	*North		*North	*North	
Tenth	R12	Higher Education	Bedroom	W18	Existing Proposed	33.55 32.60	0.97	YES	336°N	32.99 32.11	0.97	YES							*North	*North		*North	*North	
Tenth	R13	Higher Education	Bedroom	W19	Existing Proposed	34.51 33.38	0.97	YES	336°N	33.55 32.60	0.97	YES	14.00 9.00 49.00 42.00	*North	*North	0.00 0.00 13.00 13.00	*North	*North		*North	*North		*North	*North
Tenth	R13	Higher Education	Bedroom	W20	Existing Proposed	33.31 29.26	0.88	YES	246°	33.91 31.32	0.92	YES	51.00 43.00	0.84	YES	13.00 13.00	1.00	YES	50.00 45.00	0.90	YES	13.00 13.00	1.00	YES
Tenth	R14	Higher Education	Bedroom	W21	Existing Proposed	32.91 28.89	0.88	YES	246°	32.91 28.89	0.88	YES	46.00 39.00	0.85	YES	11.00 11.00	1.00	YES	51.00 43.00	0.84	YES	13.00 13.00	1.00	YES
Tenth	R15	Higher Education	Bedroom	W22	Existing Proposed	32.01 28.07	0.88	YES	246°	32.01 28.07	0.88	YES	42.00 36.00	0.86	YES	7.00 7.00	1.00	YES	46.00 39.00	0.85	YES	11.00 11.00	1.00	YES
Tenth	R16	Higher Education	Bedroom	W23	Existing Proposed	31.41 27.52	0.88	YES	246°	31.41 27.52	0.88	YES	39.00 32.00	0.82	YES	6.00 6.00	1.00	YES	42.00 36.00	0.86	YES	7.00 7.00	1.00	YES
Tenth	R17	Higher Education	Bedroom	W24	Existing Proposed	29.93 26.13	0.87	YES	246°	29.93 26.13	0.87	YES	24.00 18.00	0.75	N/D	4.00 4.00	1.00	YES	39.00 32.00	0.82	YES	6.00 6.00	1.00	YES
Tenth	R18	Higher Education	Bedroom	W25	Existing Proposed	24.68 20.97	0.85	YES	246°	24.68 20.97	0.85	YES	14.00 8.00	0.57	N/D	0.00 0.00	1.00	YES	24.00 18.00	0.75	N/D	4.00 4.00	1.00	YES
Tenth	R19	Higher Education	Bedroom	W26	Existing Proposed	19.10 15.47	0.81	YES	246°	19.10 15.47	0.81	YES	47.00 44.00	0.94	YES	12.00 11.00	0.92	YES	47.00 44.00	0.94	YES	12.00 11.00	0.92	YES
Eleventh	R1	Higher Education	LKD	W1	Existing Proposed	33.96 31.57	0.93	YES	246°	33.96 31.57	0.93	YES	54.00 50.00	0.93	YES	16.00 15.00	0.94	YES	54.00 50.00	0.93	YES	16.00 15.00	0.94	YES
Eleventh	R2	Higher Education	Bedroom	W2	Existing Proposed	33.90 31.51	0.93	YES	246°	33.90 31.51	0.93	YES	51.00 47.00	0.92	YES	13.00 12.00	0.92	YES	51.00 47.00	0.92	YES	13.00 12.00	0.92	YES
Eleventh	R3	Higher Education	Bedroom	W3	Existing Proposed	32.14 29.76	0.93	YES	246°	32.14 29.76	0.93	YES	48.00 46.00	0.96	YES	11.00 11.00	1.00	YES	51.00 47.00	0.92	YES	13.00 12.00	0.92	YES
Eleventh	R4	Higher Education	Bedroom	W4	Existing Proposed	31.62 29.32	0.93	YES	246°	31.62 29.32	0.93	YES	45.00 43.00	0.96	YES	9.00 9.00	1.00	YES	48.00 46.00	0.96	YES	11.00 11.00	1.00	YES
Eleventh	R5	Higher Education	Bedroom	W5	Existing Proposed	30.49 28.75	0.94	YES	246°	30.49 28.75	0.94	YES	41.00 39.00	0.95	YES	5.00 5.00	1.00	YES	45.00 43.00	0.96	YES	9.00 9.00	1.00	YES
Eleventh	R6	Higher Education	Bedroom	W6	Existing Proposed	27.95 27.28	0.98	YES	246°				25.00 25.00	1.00	YES	3.00 3.00	1.00	YES						
Eleventh	R6	Higher Education	Bedroom	W7	Existing Proposed	7.58 7.58	1.00	YES	156°	17.76 17.43	0.98	YES							42.00 40.00	0.95	YES	6.00 6.00	1.00	YES
Eleventh	R7	Higher Education	Bedroom	W8	Existing Proposed	11.43 10.23	0.90	YES	246°	11.43 10.23	0.90	YES	17.00 17.00	1.00	YES	0.00 0.00	1.00	YES	17.00 17.00	1.00	YES	0.00 0.00	1.00	YES
Eleventh	R8	Higher Education	LKD	W9	Existing Proposed	5.95 5.57	0.94	YES	336°N				*North	*North		*North	*North							
Eleventh	R8	Higher Education	LKD	W10	Existing Proposed	8.86 8.52	0.96	YES	336°N				*North	*North		*North	*North							
Eleventh	R8	Higher Education	LKD	W11	Existing Proposed	12.59 12.33	0.98	YES	336°N				*North	*North		*North	*North							
Eleventh	R8	Higher Education	LKD	W12	Existing Proposed	15.83 15.76	1.00	YES	336°N				*North	*North		*North	*North							
Eleventh	R8	Higher Education	LKD	W13	Existing Proposed	15.82 15.82	1.00	YES	336°N				*North	*North		*North	*North							
Eleventh	R8	Higher Education	LKD	W14	Existing Proposed	13.93 13.93	1.00	YES	336°N				*North	*North		*North	*North							
Eleventh	R10	Higher Education	Bedroom	W16	Existing Proposed	30.30 29.60	0.98	YES	336°N	12.13 11.96	0.99	YES							*North	*North		*North	*North	
Eleventh	R11	Higher Education	Bedroom	W17	Existing Proposed	31.23 30.47	0.98	YES	336°N	30.30 29.60	0.98	YES							*North	*North		*North	*North	
Eleventh	R12	Higher Education	Bedroom	W18	Existing Proposed	31.89 31.07	0.97	YES	336°N	31.23 30.47	0.98	YES							*North	*North		*North	*North	
Eleventh	R13	Higher Education	Bedroom	W19	Existing Proposed	32.53 31.48	0.97	YES	336°N	31.89 31.07	0.97	YES	12.00 8.00	*North	*North	0.00 0.00	*North	*North		*North	*North		*North	*North
Eleventh	R13	Higher Education	Bedroom	W20	Existing Proposed	31.55 27.61	0.88	YES	246°				45.00 38.00	0.84	YES	13.00 13.00	1.00	YES						
Eleventh	R14	Higher Education	Bedroom	W21	Existing Proposed	31.31 27.40	0.88	YES	246°	32.04 29.55	0.92	YES	46.00 39.00	0.85	YES	13.00 13.00	1.00	YES	45.00 41.00	0.91	YES	13.00 13.00	1.00	YES
Eleventh	R15	Higher Education	Bedroom	W22	Existing Proposed	30.82 26.99	0.88	YES	246°	31.31 27.40	0.88	YES	45.00 38.00	0.84	YES	12.00 12.00	1.00	YES	46.00 39.00	0.85	YES	13.00 13.00	1.00	YES
Eleventh	R16	Higher Education	Bedroom	W23	Existing Proposed	30.61 26.83	0.88	YES	246°	30.82 26.99	0.88	YES	43.00 37.00	0.86	YES	11.00 11.00	1.00	YES	45.00 38.00	0.84	YES	12.00 12.00	1.00	YES
Eleventh	R17	Higher Education	Bedroom	W24	Existing	29.22	0.87	YES	246°	30.61 26.83	0.88	YES	41.00	0.83	YES	8.00	1.00	YES	43.00 37.00	0.86	YES	11.00 11.00	1.00	YES

Project Name: Harlech Court
Project No.: 19-00360-02b
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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Eleventh	R18	Higher Education	Bedroom	W25	Proposed	25.52			29.22	0.87	YES	34.00			8.00			41.00			8.00		
					Existing	24.25	0.85	YES	25.52			30.00	0.80	YES	3.00	1.00	YES	34.00	0.83	YES	8.00	1.00	YES
					Proposed	20.65			20.65			24.00			3.00			24.00					
Eleventh	R19	Higher Education	Bedroom	W26	Existing	17.95	0.80	YES	24.25	0.85	YES	14.00	0.57	NO	0.00	1.00	YES	30.00	0.80	YES	3.00	1.00	YES
					Proposed	14.42			20.65			8.00			0.00			24.00			3.00		
									17.95	0.80	YES	14.00			0.00			14.00			0.00		
Twelfth	R1	Higher Education	LKD	W1	Existing	35.56	0.94	YES	34.42			49.00	0.94	YES	14.00	0.93	YES	8.00	0.57	NO	0.00	1.00	YES
					Proposed	33.25			35.56	0.94	YES	46.00			13.00			49.00			14.00		
									33.25									46.00	0.94	YES	13.00	0.93	YES
Twelfth	R2	Higher Education	Bedroom	W2	Existing	36.25	0.94	YES	36.25	0.94	YES	57.00	0.93	YES	19.00	0.95	YES	57.00			19.00		
					Proposed	33.93			33.93			53.00			18.00			53.00	0.93	YES	18.00	0.95	YES
									36.25	0.94	YES							57.00					
Twelfth	R3	Higher Education	Bedroom	W3	Existing	35.43	0.93	YES	35.43	0.93	YES	57.00	0.93	YES	18.00	0.94	YES	57.00			18.00		
					Proposed	33.12			33.12			53.00			17.00			53.00	0.93	YES	17.00	0.94	YES
																		57.00					

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria	
Twelfth	R4	Higher Education	Bedroom	W4	Existing Proposed	35.65 33.36	0.94	YES	246°	35.65 33.36	0.94	YES	56.00 53.00	0.95	YES	18.00 17.00	0.94	YES	56.00 53.00	0.95	YES	18.00 17.00	0.94	YES
Twelfth	R5	Higher Education	Bedroom	W5	Existing Proposed	35.25 33.02	0.94	YES	246°	35.25 33.02	0.94	YES	53.00 50.00	0.94	YES	16.00 15.00	0.94	YES	53.00 50.00	0.94	YES	16.00 15.00	0.94	YES
Twelfth	R6	Higher Education	Bedroom	W6	Existing Proposed	34.88 32.96	0.94	YES	246°	34.88 32.96	0.94	YES	56.00 55.00	0.98	YES	18.00 18.00	1.00	YES	56.00 55.00	0.98	YES	18.00 18.00	1.00	YES
Twelfth	R6	Higher Education	Bedroom	W7	Existing Proposed	12.92 12.92	1.00	YES	156°	12.92 12.92	1.00	YES	38.00 38.00	1.00	YES	15.00 15.00	1.00	YES	38.00 38.00	1.00	YES	15.00 15.00	1.00	YES
Twelfth	R7	Higher Education	Bedroom	W8	Existing Proposed	14.45 12.65	0.88	YES	246°	23.90 22.94	0.96	YES	21.00 21.00	1.00	YES	4.00 4.00	1.00	YES	56.00 55.00	0.98	YES	18.00 18.00	1.00	YES
Twelfth	R8	Higher Education	LKD	W9	Existing Proposed	6.72 6.17	0.92	YES	336°N	14.45 12.65	0.88	YES	*North	*North	*North	*North	*North	*North	21.00 21.00	1.00	YES	4.00 4.00	1.00	YES
Twelfth	R8	Higher Education	LKD	W10	Existing Proposed	9.84 9.53	0.97	YES	336°N				*North	*North	*North	*North	*North	*North						
Twelfth	R8	Higher Education	LKD	W11	Existing Proposed	10.49 10.15	0.97	YES	336°N				*North	*North	*North	*North	*North	*North						
Twelfth	R8	Higher Education	LKD	W12	Existing Proposed	8.90 8.79	0.99	YES	336°N				*North	*North	*North	*North	*North	*North						
Twelfth	R8	Higher Education	LKD	W13	Existing Proposed	9.18 9.05	0.99	YES	336°N				*North	*North	*North	*North	*North	*North						
Twelfth	R8	Higher Education	LKD	W14	Existing Proposed	14.74 14.74	1.00	YES	336°N				*North	*North	*North	*North	*North	*North						
Twelfth	R10	Higher Education	Bedroom	W16	Existing Proposed	22.13 21.90	0.99	YES	336°N	9.99 9.75	0.98	YES	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North
Twelfth	R11	Higher Education	Bedroom	W17	Existing Proposed	20.52 20.17	0.98	YES	336°N	22.13 21.90	0.99	YES	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North
Twelfth	R12	Higher Education	Bedroom	W18	Existing Proposed	21.31 21.12	0.99	YES	336°N	20.52 20.17	0.98	YES	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North
Twelfth	R13	Higher Education	Bedroom	W19	Existing Proposed	22.71 22.45	0.99	YES	336°N	21.31 21.12	0.99	YES	4.00 3.00	*North	*North	0.00 0.00	*North	*North	*North	*North	*North	*North	*North	*North
Twelfth	R13	Higher Education	Bedroom	W20	Existing Proposed	15.43 12.45	0.81	YES	246°	19.07 17.45	0.92	YES	31.00 26.00	0.84	YES	10.00 9.00	0.90	YES	31.00 27.00	0.87	YES	10.00 9.00	0.90	YES
Twelfth	R14	Higher Education	Bedroom	W21	Existing Proposed	15.67 12.66	0.81	YES	246°	15.67 12.66	0.81	YES	18.00 13.00	0.72	NO	7.00 7.00	1.00	YES	18.00 13.00	0.72	NO	7.00 7.00	1.00	YES
Twelfth	R15	Higher Education	Bedroom	W22	Existing Proposed	15.61 12.70	0.81	YES	246°	15.61 12.70	0.81	YES	32.00 27.00	0.84	YES	9.00 9.00	1.00	YES	32.00 27.00	0.84	YES	9.00 9.00	1.00	YES
Twelfth	R16	Higher Education	Bedroom	W23	Existing Proposed	19.38 16.44	0.85	YES	246°	19.38 16.44	0.85	YES	33.00 29.00	0.88	YES	9.00 9.00	1.00	YES	33.00 29.00	0.88	YES	9.00 9.00	1.00	YES
Twelfth	R17	Higher Education	Bedroom	W24	Existing Proposed	15.19 12.32	0.81	YES	246°	15.19 12.32	0.81	YES	18.00 14.00	0.78	YES	7.00 7.00	1.00	YES	18.00 14.00	0.78	YES	7.00 7.00	1.00	YES
Twelfth	R18	Higher Education	Bedroom	W25	Existing Proposed	13.94 11.19	0.80	YES	246°	13.94 11.19	0.80	YES	30.00 25.00	0.83	YES	6.00 6.00	1.00	YES	30.00 25.00	0.83	YES	6.00 6.00	1.00	YES
Twelfth	R19	Higher Education	Bedroom	W26	Existing Proposed	10.46 7.70	0.74	NO	246°	10.46 7.70	0.74	NO	10.00 5.00	0.50	NO	1.00 1.00	1.00	YES	10.00 5.00	0.50	NO	1.00 1.00	1.00	YES
Thirteenth	R1	Higher Education	LKD	W1	Existing Proposed	36.45 34.21	0.94	YES	246°	36.45 34.21	0.94	YES	50.00 47.00	0.94	YES	15.00 14.00	0.93	YES	50.00 47.00	0.94	YES	15.00 14.00	0.93	YES
Thirteenth	R2	Higher Education	Bedroom	W2	Existing Proposed	37.33 35.09	0.94	YES	246°	37.33 35.09	0.94	YES	58.00 55.00	0.95	YES	20.00 19.00	0.95	YES	58.00 55.00	0.95	YES	20.00 19.00	0.95	YES
Thirteenth	R3	Higher Education	Bedroom	W3	Existing Proposed	36.87 34.64	0.94	YES	246°	36.87 34.64	0.94	YES	58.00 56.00	0.97	YES	20.00 20.00	1.00	YES	58.00 56.00	0.97	YES	20.00 20.00	1.00	YES
Thirteenth	R4	Higher Education	Bedroom	W4	Existing Proposed	37.18 34.97	0.94	YES	246°	37.18 34.97	0.94	YES	59.00 58.00	0.98	YES	20.00 20.00	1.00	YES	59.00 58.00	0.98	YES	20.00 20.00	1.00	YES
Thirteenth	R5	Higher Education	Bedroom	W5	Existing Proposed	36.89 34.69	0.94	YES	246°	36.89 34.69	0.94	YES	55.00 54.00	0.98	YES	18.00 18.00	1.00	YES	55.00 54.00	0.98	YES	18.00 18.00	1.00	YES
Thirteenth	R6	Higher Education	Bedroom	W6	Existing Proposed	37.19 35.02	0.94	YES	246°	37.19 35.02	0.94	YES	58.00 58.00	1.00	YES	20.00 20.00	1.00	YES	58.00 58.00	1.00	YES	20.00 20.00	1.00	YES
Thirteenth	R6	Higher Education	Bedroom	W7	Existing Proposed	14.88 14.88	1.00	YES	156°	26.03 24.95	0.96	YES	39.00 39.00	1.00	YES	17.00 17.00	1.00	YES	58.00 58.00	1.00	YES	20.00 20.00	1.00	YES
Thirteenth	R7	Higher Education	Bedroom	W8	Existing Proposed	15.78 13.86	0.88	YES	246°	15.78 13.86	0.88	YES	22.00 22.00	1.00	YES	5.00 5.00	1.00	YES	22.00 22.00	1.00	YES	5.00 5.00	1.00	YES
Thirteenth	R8	Higher Education	LKD	W9	Existing Proposed	15.47 14.76	0.95	YES	336°N				15.00 15.00	*North	*North	1.00 1.00	*North	*North						
Thirteenth	R8	Higher Education	LKD	W10	Existing Proposed	37.12 35.01	0.94	YES	246°				58.00 57.00	0.98	YES	20.00 20.00	1.00	YES						
Thirteenth	R8	Higher Education	LKD	W11	Existing Proposed	37.05 35.00	0.94	YES	246°				59.00 57.00	0.97	YES	20.00 20.00	1.00	YES						
Thirteenth	R10	Higher Education	Bedroom	W13	Existing Proposed	37.02 35.06	0.95	YES	246°	29.74 28.13	0.95	YES	60.00 56.00	0.93	YES	19.00 19.00	1.00	YES	59.00 59.00	1.00	YES	20.00 20.00	1.00	YES
Thirteenth	R10	Higher Education	Bedroom	W14	Existing Proposed	38.41 38.41	1.00	YES	156°	37.71 36.73	0.97	YES	82.00 82.00	1.00	YES	27.00 27.00	1.00	YES	97.00 93.00	0.96	YES	28.00 28.00	1.00	YES
Fourteenth	R1	Higher Education	LKD	W1	Existing Proposed	36.66 34.51	0.94	YES	246°	36.66 34.51	0.94	YES	50.00 47.00	0.94	YES	15.00 14.00	0.93	YES	50.00 47.00	0.94	YES	15.00 14.00	0.93	YES
Fourteenth	R2	Higher Education	Bedroom	W2	Existing Proposed	37.53 35.38	0.94	YES	246°	37.53 35.38	0.94	YES	57.00 54.00	0.95	YES	20.00 19.00	0.95	YES	57.00 54.00	0.95	YES	20.00 19.00	0.95	YES
Fourteenth	R3	Higher Education	Bedroom	W3	Existing Proposed	37.07 34.92	0.94	YES	246°	37.07 34.92	0.94	YES	58.00 56.00	0.97	YES	20.00 20.00	1.00	YES	58.00 56.00	0.97	YES	20.00 20.00	1.00	YES
Fourteenth	R4	Higher Education	Bedroom	W4	Existing Proposed	37.35 35.23	0.94	YES	246°	37.35 35.23	0.94	YES	58.00 57.00	0.98	YES	20.00 20.00	1.00	YES	58.00 57.00	0.98	YES	20.00 20.00	1.00	YES
Fourteenth	R5	Higher Education	Bedroom	W5	Existing Proposed	37.08 34.97	0.94	YES	246°	37.08 34.97	0.94	YES	55.00 54.00	0.98	YES	18.00 18.00	1.00	YES	55.00 54.00	0.98	YES	18.00 18.00	1.00	YES
Fourteenth	R6	Higher Education	Bedroom	W6	Existing Proposed	37.37 35.28	0.94	YES	246°	37.08 34.97	0.94	YES	57.00 57.00	1.00	YES	20.00 20.00	1.00	YES	55.00 54.00	0.98	YES	18.00 18.00	1.00	YES
Fourteenth	R6	Higher Education	Bedroom	W7	Existing Proposed	15.00 15.00	1.00	YES	156°	26.18 25.14	0.96	YES	40.00 40.00	1.00	YES	17.00 17.00	1.00	YES	57.00 57.00	1.00	YES	20.00 20.00	1.00	YES
Fourteenth	R7	Higher Education	Bedroom	W8	Existing	15.71	0.88	YES	246°				22.00	1.00	YES	5.00	1.00	YES				20.00	1.00	YES

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					Proposed	13.87			15.71	0.88	YES	22.00			5.00			22.00			5.00		
Fourteenth	R8	Higher Education	LKD	W9	Existing	15.59	0.96	YES	336°N			15.00	*North	*North	1.00	*North	*North	22.00	1.00	YES	5.00	1.00	YES
Fourteenth	R8	Higher Education	LKD	W10	Proposed	14.91			246°			15.00			1.00								
					Existing	27.29	0.95	YES				57.00	0.98	YES	20.00	1.00	YES						
Fourteenth	R8	Higher Education	LKD	W11	Proposed	35.27						56.00			20.00								
					Existing	37.21	0.95	YES	246°			58.00	0.98	YES	20.00	1.00	YES						
					Proposed	35.24						57.00			20.00								
									29.89	0.95	YES							58.00			20.00		
Fourteenth	R10	Higher Education	Bedroom	W13	Existing	37.22	0.95	YES	246°			60.00	0.95	YES	19.00	1.00	YES	58.00	1.00	YES	20.00	1.00	YES
					Proposed	35.34						57.00			19.00								
Fourteenth	R10	Higher Education	Bedroom	W14	Existing	38.40	1.00	YES	156°			82.00	1.00	YES	27.00	1.00	YES						
					Proposed	38.40						82.00			27.00								
									37.81	0.98	YES							97.00			28.00		
									36.87									94.00	0.97	YES	28.00	1.00	YES
Fifteenth	R1	Higher Education	LKD	W1	Existing	36.62	0.94	YES	246°			50.00	0.96	YES	15.00	0.93	YES						
					Proposed	34.55						48.00			14.00								
									36.62	0.94	YES							50.00			15.00		
									34.55									48.00	0.96	YES	14.00	0.93	YES
Fifteenth	R2	Higher Education	Bedroom	W2	Existing	37.49	0.94	YES	246°			57.00	0.96	YES	20.00	0.95	YES						
					Proposed	35.42						55.00			19.00								
									37.49	0.94	YES							57.00			20.00		
									35.42									55.00	0.96	YES	19.00	0.95	YES

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Fifteenth	R3	Higher Education	Bedroom	W3	Existing Proposed	37.02 34.96	0.94	YES	246°				56.00 54.00	0.96	YES	20.00 20.00	1.00	YES				56.00 54.00	0.96	YES
Fifteenth	R4	Higher Education	Bedroom	W4	Existing Proposed	37.29 35.25	0.95	YES	246°	37.02 34.96	0.94	YES							56.00 54.00	0.96	YES	20.00 20.00	1.00	YES
										37.29 35.25	0.95	YES							56.00 55.00	0.98	YES	20.00 20.00	1.00	YES
Fifteenth	R5	Higher Education	Bedroom	W5	Existing Proposed	37.03 35.01	0.95	YES	246°				54.00 54.00	1.00	YES	18.00 18.00	1.00	YES				54.00 54.00	1.00	YES
Fifteenth	R6	Higher Education	Bedroom	W6	Existing Proposed	37.33 35.34	0.95	YES	246°				58.00 58.00	1.00	YES	20.00 20.00	1.00	YES				54.00 54.00	1.00	YES
Fifteenth	R6	Higher Education	Bedroom	W7	Existing Proposed	15.21 15.21	1.00	YES	156°				38.00 38.00	1.00	YES	17.00 17.00	1.00	YES				58.00 58.00	1.00	YES
Fifteenth	R7	Higher Education	Bedroom	W8	Existing Proposed	15.58 13.82	0.89	YES	246°				21.00 21.00	1.00	YES	5.00 5.00	1.00	YES				21.00 21.00	1.00	YES
Fifteenth	R8	Higher Education	LKD	W9	Existing Proposed	15.80 15.15	0.96	YES	336°N				15.00 15.00	*North	*North	1.00 1.00	*North	*North				21.00 21.00	1.00	YES
Fifteenth	R8	Higher Education	LKD	W10	Existing Proposed	37.25 35.32	0.95	YES	246°				56.00 55.00	0.98	YES	20.00 20.00	1.00	YES						
Fifteenth	R8	Higher Education	LKD	W11	Existing Proposed	37.13 35.25	0.95	YES	246°				57.00 56.00	0.98	YES	20.00 20.00	1.00	YES						
Fifteenth	R10	Higher Education	Bedroom	W13	Existing Proposed	37.23 35.44	0.95	YES	246°				60.00 57.00	0.95	YES	19.00 19.00	1.00	YES				57.00 57.00	1.00	YES
Fifteenth	R10	Higher Education	Bedroom	W14	Existing Proposed	38.25 38.25	1.00	YES	156°				82.00 82.00	1.00	YES	27.00 27.00	1.00	YES						
Sixteenth	R1	Higher Education	LKD	W1	Existing Proposed	36.14 34.16	0.95	YES	246°	36.84	0.98	YES	50.00 48.00	0.96	YES	15.00 14.00	0.93	YES	94.00	0.97	YES	28.00 28.00	1.00	YES
Sixteenth	R2	Higher Education	Bedroom	W2	Existing Proposed	37.02 35.05	0.95	YES	246°				57.00 55.00	0.96	YES	20.00 19.00	0.95	YES				50.00 48.00	0.96	YES
Sixteenth	R3	Higher Education	Bedroom	W3	Existing Proposed	36.56 34.60	0.95	YES	246°				56.00 55.00	0.98	YES	20.00 20.00	1.00	YES				57.00 55.00	0.96	YES
Sixteenth	R4	Higher Education	Bedroom	W4	Existing Proposed	36.81 34.87	0.95	YES	246°				57.00 57.00	1.00	YES	20.00 20.00	1.00	YES				56.00 55.00	0.98	YES
Sixteenth	R5	Higher Education	Bedroom	W5	Existing Proposed	36.59 34.65	0.95	YES	246°				55.00 55.00	1.00	YES	18.00 18.00	1.00	YES				57.00 57.00	1.00	YES
Sixteenth	R6	Higher Education	Bedroom	W6	Existing Proposed	36.88 34.98	0.95	YES	246°				59.00 59.00	1.00	YES	20.00 20.00	1.00	YES				55.00 55.00	1.00	YES
Sixteenth	R6	Higher Education	Bedroom	W7	Existing Proposed	15.55 15.55	1.00	YES	156°				38.00 38.00	1.00	YES	16.00 16.00	1.00	YES						
Sixteenth	R7	Higher Education	Bedroom	W8	Existing Proposed	15.49 13.81	0.89	YES	246°				19.00 19.00	1.00	YES	5.00 5.00	1.00	YES				59.00 59.00	1.00	YES
Sixteenth	R8	Higher Education	LKD	W9	Existing Proposed	16.13 15.51	0.96	YES	336°N				15.00 15.00	*North	*North	1.00 1.00	*North	*North				19.00 19.00	1.00	YES
Sixteenth	R8	Higher Education	LKD	W10	Existing Proposed	36.78 34.94	0.95	YES	246°				57.00 56.00	0.98	YES	20.00 20.00	1.00	YES						
Sixteenth	R8	Higher Education	LKD	W11	Existing Proposed	36.61 34.82	0.95	YES	246°				56.00 55.00	0.98	YES	20.00 20.00	1.00	YES				57.00 57.00	1.00	YES
Sixteenth	R10	Higher Education	Bedroom	W13	Existing Proposed	36.83 35.13	0.95	YES	246°				60.00 57.00	0.95	YES	19.00 19.00	1.00	YES				57.00 57.00	1.00	YES
Sixteenth	R10	Higher Education	Bedroom	W14	Existing Proposed	37.72 37.72	1.00	YES	156°				82.00 82.00	1.00	YES	27.00 27.00	1.00	YES						
Seventeenth	R1	Higher Education	LKD	W1	Existing Proposed	33.97 32.09	0.94	YES	246°	36.42	0.98	YES	47.00 44.00	0.94	YES	16.00 14.00	0.88	YES	94.00	0.97	YES	28.00 28.00	1.00	YES
Seventeenth	R2	Higher Education	Bedroom	W2	Existing Proposed	34.73 32.85	0.95	YES	246°				50.00 48.00	0.96	YES	17.00 16.00	0.94	YES				47.00 44.00	0.94	YES
Seventeenth	R3	Higher Education	Bedroom	W3	Existing Proposed	34.13 32.27	0.95	YES	246°				50.00 50.00	1.00	YES	17.00 17.00	1.00	YES				50.00 48.00	0.96	YES
Seventeenth	R4	Higher Education	Bedroom	W4	Existing Proposed	34.52 32.68	0.95	YES	246°				50.00 50.00	1.00	YES	18.00 18.00	1.00	YES				50.00 50.00	1.00	YES
Seventeenth	R5	Higher Education	Bedroom	W5	Existing Proposed	34.17 32.34	0.95	YES	246°				49.00 49.00	1.00	YES	17.00 17.00	1.00	YES				50.00 50.00	1.00	YES
Seventeenth	R6	Higher Education	Bedroom	W6	Existing Proposed	34.72 32.92	0.95	YES	246°				54.00 54.00	1.00	YES	19.00 19.00	1.00	YES				49.00 49.00	1.00	YES
Seventeenth	R6	Higher Education	Bedroom	W7	Existing Proposed	15.76 15.76	1.00	YES	156°				40.00 40.00	1.00	YES	15.00 15.00	1.00	YES						
Seventeenth	R7	Higher Education	Bedroom	W8	Existing Proposed	16.17 14.58	0.90	YES	246°				15.00 15.00	1.00	YES	5.00 5.00	1.00	YES				63.00 63.00	1.00	YES
Seventeenth	R8	Higher Education	LKD	W9	Existing Proposed	16.31 15.72	0.96	YES	336°N				16.00 16.00	*North	*North	2.00 2.00	*North	*North				15.00 15.00	1.00	YES
Seventeenth	R8	Higher Education	LKD	W10	Existing Proposed	34.61 32.87	0.95	YES	246°				50.00 49.00	0.98	YES	18.00 18.00	1.00	YES						
Seventeenth	R8	Higher Education	LKD	W11	Existing Proposed	34.16 32.47	0.95	YES	246°				52.00 51.00	0.98	YES	19.00 19.00	1.00	YES						
Seventeenth	R10	Higher Education	Bedroom	W13	Existing Proposed	34.71 33.11	0.95	YES	246°				55.00 53.00	0.96	YES	20.00 20.00	1.00	YES				52.00 52.00	1.00	YES
Seventeenth	R10	Higher Education	Bedroom	W14	Existing Proposed	35.53 35.53	1.00	YES	156°				79.00 79.00	1.00	YES	27.00 27.00	1.00	YES						
Eighteenth	R1	Higher Education	LKD	W1	Existing Proposed	23.81 22.05	0.93	YES	246°				27.00 24.00	0.89	YES	12.00 10.00	0.83	YES				97.00 95.00	0.98	YES
Eighteenth	R2	Higher Education	Bedroom	W2	Existing Proposed	19.40 17.65	0.91	YES	246°				19.00 17.00	0.89	YES	8.00 7.00	0.88	YES				27.00 24.00	0.89	YES
Eighteenth	R3	Higher Education	Bedroom	W3	Existing Proposed	18.07 16.33	0.90	YES	246°				34.00 34.00	1.00	YES	10.00 10.00	1.00	YES				19.00 17.00	0.89	YES
Eighteenth	R4	Higher Education	Bedroom	W4	Existing Proposed	22.07 20.36	0.92	YES	246°				34.00 34.00	1.00	YES	10.00 10.00	1.00	YES				34.00 34.00	1.00	YES
Eighteenth	R5	Higher Education	Bedroom	W5	Existing Proposed	17.71 16.00	0.90	YES	246°				20.00 20.00	1.00	YES	9.00 9.00	1.00	YES				34.00 34.00	1.00	YES
Eighteenth	R6	Higher Education	Bedroom	W6	Existing Proposed	23.81 22.05	0.93	YES	246°				31.00 24.00	1.00	YES	11.00 10.00	1.00	YES				20.00 20.00	1.00	YES

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pt/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pt/Ex	Meets BRE Criteria	Annual	Pt/Ex	Meets BRE Criteria	Winter	Pt/Ex	Meets BRE Criteria	Total Sums per Room Annual	Pt/Ex	Meets BRE Criteria	Total Sums per Room Winter	Pt/Ex	Meets BRE Criteria
Eighteenth	R6	Higher Education	Bedroom	W7	Proposed Existing Proposed	22.12 14.17 14.17	1.00	YES	156'				31.00 27.00 27.00	1.00	YES	11.00 9.00 9.00	1.00	YES						
Eighteenth	R7	Higher Education	Bedroom	W8	Existing Proposed	20.71 19.75	0.95	YES	246'	18.14	0.96	YES	28.00 28.00	1.00	YES	5.00 5.00	1.00	YES	51.00 51.00	1.00	YES	14.00 14.00	1.00	YES
Eighteenth	R8	Higher Education	LKD	W9	Existing Proposed	14.61 14.14	0.97	YES	336'N	20.71 19.75	0.95	YES	6.00 6.00	*North	*North	2.00 2.00	*North	*North	28.00 28.00	1.00	YES	5.00 5.00	1.00	YES
Eighteenth	R8	Higher Education	LKD	W10	Existing Proposed	23.75 22.13	0.93	YES	246'				29.00 28.00	0.97	YES	9.00 9.00	1.00	YES						
Eighteenth	R8	Higher Education	LKD	W11	Existing Proposed	17.01 15.44	0.91	YES	246'				33.00 32.00	0.97	YES	13.00 13.00	1.00	YES						
Eighteenth	R10	Higher Education	Bedroom	W13	Existing Proposed	23.71 22.22	0.94	YES	246'	18.48 17.27	0.93	YES	33.00 31.00	0.94	YES	11.00 11.00	1.00	YES	42.00 42.00	1.00	YES	13.00 13.00	1.00	YES
Eighteenth	R10	Higher Education	Bedroom	W14	Existing Proposed	24.35 24.35	1.00	YES	156'	24.03 23.28	0.97	YES	39.00 39.00	1.00	YES	19.00 19.00	1.00	YES	62.00 60.00	0.97	YES	23.00 23.00	1.00	YES

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Nineteenth	R1	Higher Education	LKD	W1	Existing Proposed	38.11 36.47	0.96	YES	246°				55.00 53.00	0.96	YES	16.00 14.00	0.88	YES						
Nineteenth	R2	Higher Education	Bedroom	W2	Existing Proposed	38.84 37.21	0.96	YES	246°	38.11 36.47	0.96	YES	62.00 60.00	0.97	YES	21.00 19.00	0.90	YES	55.00 53.00	0.96	YES	16.00 14.00	0.88	YES
										38.84 37.21	0.96	YES						62.00 60.00	0.97	YES				
Nineteenth	R3	Higher Education	Bedroom	W3	Existing Proposed	38.82 37.21	0.96	YES	246°	38.82 37.21	0.96	YES	62.00 61.00	0.98	YES	21.00 20.00	0.95	YES	62.00 60.00	0.97	YES	21.00 19.00	0.90	YES
Nineteenth	R4	Higher Education	Bedroom	W4	Existing Proposed	38.82 37.22	0.96	YES	246°	38.82 37.21	0.96	YES	62.00 62.00	1.00	YES	21.00 21.00	1.00	YES	62.00 61.00	0.98	YES	21.00 20.00	0.95	YES
Nineteenth	R5	Higher Education	Bedroom	W5	Existing Proposed	38.81 37.22	0.96	YES	246°	38.82 37.22	0.96	YES	62.00 62.00	1.00	YES	21.00 21.00	1.00	YES	62.00 62.00	1.00	YES	21.00 21.00	1.00	YES
Nineteenth	R6	Higher Education	Bedroom	W6	Existing Proposed	38.79 37.22	0.96	YES	246°	38.81 37.22	0.96	YES	62.00 62.00	1.00	YES	21.00 21.00	1.00	YES	62.00 62.00	1.00	YES	21.00 21.00	1.00	YES
Nineteenth	R6	Higher Education	Bedroom	W7	Existing Proposed	31.42 31.42	1.00	YES	156°				70.00 70.00	1.00	YES	25.00 25.00	1.00	YES						
Nineteenth	R7	Higher Education	Bedroom	W8	Existing Proposed	30.55 29.16	0.95	YES	246°	35.10 34.32	0.98	YES	45.00 45.00	1.00	YES	11.00 11.00	1.00	YES	86.00 86.00	1.00	YES	27.00 27.00	1.00	YES
										30.55 29.16	0.95	YES						45.00 45.00	1.00	YES				
Nineteenth	R8	Higher Education	LKD	W9	Existing Proposed	31.81 31.30	0.98	YES	336°N				16.00 16.00	*North	*North	2.00 2.00	*North	*North	45.00 45.00	1.00	YES	11.00 11.00	1.00	YES
Nineteenth	R8	Higher Education	LKD	W10	Existing Proposed	38.72 37.22	0.96	YES	246°				62.00 61.00	0.98	YES	21.00 21.00	1.00	YES						
Nineteenth	R8	Higher Education	LKD	W11	Existing Proposed	38.69 37.23	0.96	YES	246°				62.00 61.00	0.98	YES	21.00 21.00	1.00	YES						
Nineteenth	R10	Higher Education	Bedroom	W13	Existing Proposed	38.62 37.26	0.96	YES	246°	36.38 35.23	0.97	YES	62.00 60.00	0.97	YES	21.00 21.00	1.00	YES	62.00 62.00	1.00	YES	21.00 21.00	1.00	YES
Nineteenth	R10	Higher Education	Bedroom	W14	Existing Proposed	39.09 39.09	1.00	YES	156°				83.00 83.00	1.00	YES	28.00 28.00	1.00	YES						
										38.85 38.17	0.98	YES							99.00 97.00	0.98	YES	30.00 30.00	1.00	YES
283 Hayes Bridge Road																								
First	R1	Residential	LKD	W1	Existing Proposed	26.91 26.91	1.00	YES	151°				59.00 59.00	1.00	YES	25.00 25.00	1.00	YES						
First	R1	Residential	LKD	W2	Existing Proposed	26.72 26.72	1.00	YES	151°				57.00 57.00	1.00	YES	24.00 24.00	1.00	YES						
First	R1	Residential	LKD	W3	Existing Proposed	26.29 26.29	1.00	YES	151°				55.00 55.00	1.00	YES	23.00 23.00	1.00	YES						
First	R1	Residential	LKD	W4	Existing Proposed	26.05 26.05	1.00	YES	151°				56.00 56.00	1.00	YES	23.00 23.00	1.00	YES						
First	R1	Residential	LKD	W5	Existing Proposed	21.41 21.22	0.99	YES	108°				37.00 37.00	1.00	YES	17.00 17.00	1.00	YES						
First	R1	Residential	LKD	W6	Existing Proposed	20.65 20.35	0.99	YES	66°N				10.00 10.00	*North	*North	2.00 2.00	*North	*North						
First	R1	Residential	LKD	W7	Existing Proposed	20.78 20.48	0.99	YES	66°N				15.00 15.00	*North	*North	3.00 3.00	*North	*North						
										24.03 23.92	1.00	YES							64.00 64.00	1.00	YES	25.00 25.00	1.00	YES
First	R2	Residential	Bedroom	W8	Existing Proposed	20.78 20.44	0.98	YES	66°N					*North	*North		*North	*North						
First	R2	Residential	Bedroom	W9	Existing Proposed	20.77 20.41	0.98	YES	66°N					*North	*North		*North	*North						
										20.78 20.43	0.98	YES								*North	*North		*North	*North
Altoussou																								
Ground	R1	Residential	LKD	W1	Existing Proposed	7.74 2.27	0.29	NO	89°N					*North	*North		*North	*North						
Ground	R1	Residential	LKD	W2	Existing Proposed	16.95 14.11	0.83	YES	54°N					*North	*North		*North	*North						
Ground	R1	Residential	LKD	W3	Existing Proposed	21.17 19.96	0.94	YES	35°N					*North	*North		*North	*North						
										16.92 14.21	0.84	YES								*North	*North		*North	*North
Ground	R2	Residential	LKD	W4	Existing Proposed	25.46 25.04	0.98	YES	13°N					*North	*North		*North	*North						
Ground	R2	Residential	LKD	W5	Existing Proposed	27.44 27.46	1.00	YES	353°N					*North	*North		*North	*North						
Ground	R2	Residential	LKD	W6	Existing Proposed	28.63 28.65	1.00	YES	321°N					*North	*North		*North	*North						
										26.97 26.84	1.00	YES								*North	*North		*North	*North
First	R1	Residential	LKD	W1	Existing Proposed	11.51 3.80	0.33	NO	89°N					*North	*North		*North	*North						
First	R1	Residential	LKD	W2	Existing Proposed	22.35 14.75	0.66	NO	54°N					*North	*North		*North	*North						
First	R1	Residential	LKD	W3	Existing Proposed	26.21 20.63	0.79	NO	35°N					*North	*North		*North	*North						
										21.94 15.00	0.68	NO								*North	*North		*North	*North
First	R2	Residential	LKD	W4	Existing Proposed	28.88 26.07	0.90	YES	13°N					*North	*North		*North	*North						
First	R2	Residential	LKD	W5	Existing Proposed	29.68 28.73	0.97	YES	353°N					*North	*North		*North	*North						
First	R2	Residential	LKD	W6	Existing Proposed	30.18 30.19	1.00	YES	321°N					*North	*North		*North	*North						
										29.49 28.08	0.95	YES								*North	*North		*North	*North
Second	R1	Residential	LKD	W1	Existing Proposed	18.11 10.26	0.57	NO	89°N					*North	*North		*North	*North						
Second	R1	Residential	LKD	W2	Existing Proposed	24.29 15.27	0.63	NO	54°N					*North	*North		*North	*North						
Second	R1	Residential	LKD	W3	Existing Proposed	27.95 21.25	0.76	NO	35°N					*North	*North		*North	*North						
										24.54 16.47	0.67	NO								*North	*North		*North	*North
Second	R2	Residential	LKD	W4	Existing Proposed	30.61 27.04	0.88	YES	13°N					*North	*North		*North	*North						
Second	R2	Residential	LKD	W5	Existing Proposed	31.24 29.95	0.96	YES	353°N					*North	*North		*North	*North						
Second	R2	Residential	LKD	W6	Existing Proposed	31.69 31.69	1.00	YES	321°N					*North	*North		*North	*North						
										31.10 29.26	0.94	YES								*North	*North		*North	*North
Third	R1	Residential	LKD	W1	Existing Proposed	31.13 31.13	1.00	YES	200°				71.00 71.00	1.00	YES	23.00 23.00	1.00	YES						
Third	R1	Residential	LKD	W2	Existing Proposed	30.98 30.98	1.00	YES	168°				72.00 72.00	1.00	YES	20.00 20.00	1.00	YES						
Third	R1	Residential	LKD	W3	Existing Proposed	30.61 30.61	1.00	YES	152°				71.00 71.00	1.00	YES	20.00 20.00	1.00	YES						
										30.86 30.86	1.00	YES							83.00 83.00	1.00	YES	23.00 23.00	1.00	YES
Third	R2	Residential	LKD	W4	Existing Proposed	30.29 30.29	1.00	YES	136°				62.00 62.00	1.00	YES	16.00 16.00	1.00	YES						
Third	R2	Residential	LKD	W5	Existing Proposed	30.43 30.16	0.99	YES	120°				56.00 56.00	1.00	YES	15.00 15.00	1.00	YES						
Third	R2	Residential	LKD	W6	Existing Proposed	31.16 27.34	0.88	YES	87°N				40.00 40.00	*North	*North	9.00 9.00	*North	*North						
										30.46 29.88	0.98	YES							65.00 65.00	1.00	YES	18.00 18.00	1.00	YES
Third	R3	Residential	Bedroom	W7	Existing Proposed	30.90 24.81	0.80	YES	75°N					*North	*North		*North	*North						
										30.90 24.81	0.80	YES								*North	*North		*North	*North
Third	R4	Residential	Bedroom	W8	Existing Proposed	30.30 23.11	0.76	NO	69°N					*North	*North		*North	*North						
										30.30 23.11	0.76	NO								*North	*North		*North	*North
Third	R5	Residential	LKD	W9	Existine	28.70	0.70	NO	60°N					*North	*North		*North	*North						

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pt/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pt/Ex	Meets BRE Criteria	Annual	Pt/Ex	Meets BRE Criteria	Winter	Pt/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pt/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pt/Ex	Meets BRE Criteria
Third	R5	Residential	LKD	W10	Proposed Existing Proposed	20.17 27.87 18.92	0.68	NO	57°N	28.18 19.38	0.69	NO	*North	*North			*North	*North		*North	*North		*North	*North
Third	R6	Residential	Bedroom	W11	Existing Proposed	25.71 15.79	0.61	NO	49°N				*North	*North			*North	*North						
Third	R6	Residential	Bedroom	W12	Existing Proposed	24.74 14.62	0.59	NO	46°N	25.32 15.32	0.61	NO	*North	*North			*North	*North					*North	*North
Third	R7	Residential	Bedroom	W13	Existing Proposed	21.37 11.04	0.52	NO	38°N				*North	*North			*North	*North						
Third	R7	Residential	Bedroom	W14	Existing Proposed	19.03 8.73	0.46	NO	34°N	20.20 9.89	0.49	NO	*North	*North			*North	*North					*North	*North
Third	R8	Residential	LKD	W15	Existing Proposed	24.41 16.56	0.68	NO	84°N	24.41 16.56	0.68	NO	*North	*North			*North	*North					*North	*North
Third	R9	Residential	LKD	W16	Existing Proposed	23.31 16.55	0.71	NO	84°N	23.31 16.55	0.71	NO	*North	*North			*North	*North					*North	*North

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria	
Third	R10	Residential	Bedroom	W17	Existing Proposed	20.95 18.68	0.89	YES	132°			28.00 28.00 30.00 30.00	1.00 1.00 1.00 1.00	YES YES YES YES	4.00 4.00 4.00 4.00	1.00 1.00 1.00 1.00	YES YES YES YES							
Third	R10	Residential	Bedroom	W18	Existing Proposed	22.38 19.53	0.87	YES	128°	21.67 19.11	0.88	YES						30.00 30.00	1.00	YES	4.00 4.00	1.00	YES	
Third	R11	Residential	Bedroom	W19	Existing Proposed	24.21 20.11	0.83	YES	120°	24.21 20.11	0.83	YES	35.00 34.00	0.97	YES	7.00 7.00	1.00 1.00	YES YES	30.00 30.00	1.00	YES	4.00 4.00	1.00	YES
Third	R12	Residential	LKD	W20	Existing Proposed	24.06 18.60	0.77	NO	112°			34.00 35.00	1.03	YES	9.00 9.00	1.00 1.00	YES YES							
Third	R12	Residential	LKD	W21	Existing Proposed	23.66 17.70	0.75	NO	109°			35.00 34.00	0.97	YES	10.00 10.00	1.00 1.00	YES YES				7.00 7.00	1.00	YES	
Third	R12	Residential	LKD	W22	Existing Proposed	23.15 16.62	0.72	NO	105°			35.00 35.00	1.00	YES	11.00 11.00	1.00 1.00	YES YES							
Third	R13	Residential	Bedroom	W23	Existing Proposed	21.94 14.86	0.68	NO	101°	23.62 17.64	0.75	NO						37.00 38.00	1.03	YES	11.00 11.00	1.00	YES	
Third	R13	Residential	Bedroom	W24	Existing Proposed	21.22 13.47	0.63	NO	98°			33.00 34.00 31.00 31.00	1.00 1.00 1.00 1.00	YES YES YES YES	8.00 8.00 10.00 10.00	1.25 1.25 1.00 1.00	YES YES YES YES							
Third	R14	Residential	Bedroom	W25	Existing Proposed	20.72 12.47	0.60	NO	95°	21.68 14.35	0.66	NO						33.00 34.00	1.03	YES	9.00 11.00	1.22	YES	
Third	R15	Residential	LKD	W26	Existing Proposed	20.26 10.33	0.51	NO	86°N	20.72 12.47	0.60	NO						32.00 32.00	1.00	YES	9.00 11.00	1.22	YES	
Third	R15	Residential	LKD	W27	Existing Proposed	25.87 15.61	0.60	NO	54°N															
Third	R15	Residential	LKD	W28	Existing Proposed	29.31 21.83	0.74	NO	35°N															
Third	R16	Residential	LKD	W29	Existing Proposed	31.82 27.95	0.88	YES	13°N	26.14 16.85	0.64	NO												
Third	R16	Residential	LKD	W30	Existing Proposed	32.44 31.07	0.96	YES	353°N															
Third	R16	Residential	LKD	W31	Existing Proposed	33.03 33.03	1.00	YES	321°N															
Fourth	R1	Residential	LKD	W1	Existing Proposed	31.81 31.81	1.00	YES	200°	32.33 30.34	0.94	YES												
Fourth	R1	Residential	LKD	W2	Existing Proposed	31.57 31.57	1.00	YES	168°			72.00 72.00 74.00 74.00	1.00 1.00 1.00 1.00	YES YES YES YES	23.00 23.00 21.00 21.00	1.00 1.00 1.00 1.00	YES YES YES YES							
Fourth	R1	Residential	LKD	W3	Existing Proposed	31.21 31.21	1.00	YES	152°	31.47 31.47	1.00	YES							84.00 84.00	1.00	YES	23.00 23.00	1.00	YES
Fourth	R2	Residential	LKD	W4	Existing Proposed	30.89 30.89	1.00	YES	136°			64.00 64.00 58.00 58.00	1.00 1.00 1.00 1.00	YES YES YES YES	17.00 17.00 16.00 16.00	1.00 1.00 1.00 1.00	YES YES YES YES							
Fourth	R2	Residential	LKD	W5	Existing Proposed	31.05 30.76	0.99	YES	120°			58.00 58.00 42.00 42.00	1.00 1.00 *North *North	YES YES *North *North	16.00 16.00 9.00 9.00	1.00 1.00 *North *North	YES YES *North *North							
Fourth	R2	Residential	LKD	W6	Existing Proposed	32.03 27.89	0.87	YES	87°N	31.11 30.47	0.98	YES							67.00 67.00	1.00	YES	19.00 19.00	1.00	YES
Fourth	R3	Residential	Bedroom	W7	Existing Proposed	31.99 25.34	0.79	NO	75°N	31.99 25.34	0.79	NO							*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R4	Residential	Bedroom	W8	Existing Proposed	31.51 23.62	0.75	NO	69°N	31.51 23.62	0.75	NO							*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R5	Residential	LKD	W9	Existing Proposed	30.07 20.67	0.69	NO	60°N										*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R5	Residential	LKD	W10	Existing Proposed	29.29 19.40	0.66	NO	57°N										*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R6	Residential	Bedroom	W11	Existing Proposed	27.18 16.22	0.60	NO	49°N	29.58 19.87	0.67	NO							*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R6	Residential	Bedroom	W12	Existing Proposed	26.20 15.02	0.57	NO	46°N										*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R7	Residential	Bedroom	W13	Existing Proposed	22.75 11.38	0.50	NO	38°N	26.79 15.74	0.59	NO							*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R7	Residential	Bedroom	W14	Existing Proposed	20.30 9.02	0.44	NO	34°N										*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R8	Residential	LKD	W15	Existing Proposed	25.65 16.92	0.66	NO	84°N	21.53 10.20	0.47	NO							*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R9	Residential	LKD	W16	Existing Proposed	25.65 16.92	0.66	NO	84°N	25.65 16.92	0.66	NO							*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R10	Residential	Bedroom	W17	Existing Proposed	24.62 16.92	0.69	NO	84°N	24.62 16.92	0.69	NO							*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R10	Residential	Bedroom	W18	Existing Proposed	21.73 19.04	0.88	YES	132°			28.00 28.00 31.00 31.00	1.00 1.00 1.00 1.00	YES YES YES YES	4.00 4.00 5.00 5.00	1.00 1.00 1.00 1.00	YES YES YES YES							
Fourth	R10	Residential	Bedroom	W18	Existing Proposed	23.36 19.93	0.85	YES	128°	22.55 19.49	0.86	YES							31.00 31.00	1.00	YES	5.00 5.00	1.00	YES
Fourth	R11	Residential	Bedroom	W19	Existing Proposed	25.67 20.53	0.80	YES	120°	25.67 20.53	0.80	YES	36.00 35.00	0.97	YES	8.00 8.00	1.00 1.00	YES YES				8.00 8.00	1.00	YES
Fourth	R12	Residential	LKD	W20	Existing Proposed	26.04 19.00	0.73	NO	112°			39.00 37.00 39.00 35.00	0.95 0.90 0.90 0.92	YES YES YES YES	10.00 10.00 11.00 11.00	1.00 1.00 1.00 1.00	YES YES YES YES							
Fourth	R12	Residential	LKD	W21	Existing Proposed	25.79 18.08	0.70	NO	109°			38.00 35.00	0.92	YES	11.00 11.00	1.00 1.00	YES YES							
Fourth	R12	Residential	LKD	W22	Existing Proposed	25.40 16.98	0.67	NO	105°			35.00			11.00	1.00	YES							
Fourth	R13	Residential	Bedroom	W23	Existing Proposed	24.33 15.17	0.62	NO	101°	25.74 18.02	0.70	NO							40.00 38.00	0.95	YES	11.00 11.00	1.00	YES
Fourth	R13	Residential	Bedroom	W24	Existing Proposed	23.62 13.76	0.58	NO	98°	24.07 14.65	0.61	NO							34.00 34.00	1.00	YES	9.00 11.00	1.22	YES
Fourth	R14	Residential	Bedroom	W25	Existing Proposed	23.14 12.74	0.55	NO	95°	23.14 12.74	0.55	NO							33.00 32.00	0.97	YES	9.00 11.00	1.22	YES
Fourth	R15	Residential	LKD	W26	Existing Proposed	22.64 10.56	0.47	NO	86°N										*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R15	Residential	LKD	W27	Existing Proposed	27.74 15.93	0.57	NO	54°N										*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R15	Residential	LKD	W28	Existing Proposed	30.77 22.37	0.73	NO	35°N										*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R16	Residential	LKD	W29	Existing Proposed	32.99 28.80	0.87	YES	13°N	27.95 17.23	0.62	NO							*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R16	Residential	LKD	W30	Existing Proposed	33.55 32.09	0.96	YES	353°N										*North *North	*North *North	*North *North	*North *North	*North *North	
Fourth	R16	Residential	LKD	W31	Existing Proposed	34.17 34.17	1.00	YES	321°N	33.46 31.32	0.94	YES							*North *North	*North *North	*North *North	*North *North	*North *North	
Fifth	R1	Residential	LKD	W1	Existing Proposed	32.49 32.49	1.00	YES	200°			72.00 72.00 75.00 75.00	1.00 1.00 1.00 1.00	YES YES YES YES	23.00 23.00 21.00 21.00	1.00 1.00 1.00 1.00	YES YES YES YES							
Fifth	R1	Residential	LKD	W2	Existing Proposed	32.15 32.15	1.00	YES	168°			74.00 74.00 74.00	1.00 1.00 1.00	YES YES YES	21.00 21.00 21.00	1.00 1.00 1.00	YES YES YES							
Fifth	R1	Residential	LKD	W3	Existing Proposed	31.79 31.79	1.00	YES	152°	32.06 32.06	1.00	YES							84.00 84.00			23.00 23.00		

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbourhood
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Fifth	R2	Residential	LKD	W4	Existing Proposed	31.47 31.47	1.00	YES	136°	32.06		65.00 69.00	1.00	YES	17.00 17.00	1.00	YES	84.00	1.00	YES	23.00	1.00	YES
Fifth	R2	Residential	LKD	W5	Existing Proposed	31.64 31.34	0.99	YES	120°			59.00 59.00	1.00	YES	16.00 16.00	1.00	YES						
Fifth	R2	Residential	LKD	W6	Existing Proposed	32.79 28.44	0.87	YES	87°N			42.00 42.00	*North	*North	9.00 9.00	*North	*North						
Fifth	R3	Residential	Bedroom	W7	Existing Proposed	32.98 25.87	0.78	NO	75°N	31.71 31.05	0.98	YES		*North	*North	*North	*North	67.00 67.00	1.00	YES	19.00 19.00	1.00	YES
Fifth	R4	Residential	Bedroom	W8	Existing Proposed	32.63 24.16	0.74	NO	69°N	32.98 25.87	0.78	NO		*North	*North	*North	*North	*North	*North				
Fifth	R5	Residential	LKD	W9	Existing Proposed	31.38 21.18	0.67	NO	60°N	32.63 24.16	0.74	NO		*North	*North	*North	*North	*North	*North				
Fifth	R5	Residential	LKD	W10	Existing Proposed	30.67 19.91	0.65	NO	57°N				*North	*North	*North	*North							
										30.93 20.38	0.66	NO						*North	*North				

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Fifth	R6	Residential	Bedroom	W11	Existing Proposed	28.58 16.69	0.58 0.56	NO	49°N														
Fifth	R6	Residential	Bedroom	W12	Existing Proposed	27.58 15.47	0.56	NO	46°N	28.18 16.20	0.57 NO		*North	*North		*North	*North		*North	*North		*North	*North
Fifth	R7	Residential	Bedroom	W13	Existing Proposed	24.02 11.75	0.49	NO	38°N				*North	*North		*North	*North						
Fifth	R7	Residential	Bedroom	W14	Existing Proposed	21.45 9.33	0.43	NO	34°N	22.74 10.54	0.46 NO		*North	*North		*North	*North						
Fifth	R8	Residential	LKD	W15	Existing Proposed	26.77 17.31	0.65	NO	84°N	26.77 17.31	0.65 NO		*North	*North		*North	*North						
Fifth	R9	Residential	LKD	W16	Existing Proposed	25.88 17.30	0.67	NO	84°N	25.88 17.30	0.67 NO		*North	*North		*North	*North						
Fifth	R10	Residential	Bedroom	W17	Existing Proposed	22.53 19.42	0.86	YES	132°			31.00 28.00 35.00 32.00	0.90 0.91	YES YES	4.00 6.00 6.00	1.00 1.00	YES YES		*North	*North		*North	*North
Fifth	R10	Residential	Bedroom	W18	Existing Proposed	24.37 20.34	0.83	YES	128°									35.00 32.00	0.91	YES	6.00 6.00	1.00 1.00	YES
Fifth	R11	Residential	Bedroom	W19	Existing Proposed	27.24 20.98	0.77	NO	120°			36.00 35.00	0.97	YES	8.00 8.00	1.00 1.00	YES						
Fifth	R12	Residential	LKD	W20	Existing Proposed	28.25 19.42	0.69	NO	112°			40.00 37.00 41.00 35.00 39.00 35.00	0.93 0.85 0.85 0.90	YES YES YES YES	10.00 10.00 11.00 11.00 11.00	1.00 1.00 1.00	YES YES YES						
Fifth	R12	Residential	LKD	W21	Existing Proposed	28.23 18.48	0.65	NO	109°														
Fifth	R12	Residential	LKD	W22	Existing Proposed	28.03 17.35	0.62	NO	105°														
Fifth	R13	Residential	Bedroom	W23	Existing Proposed	27.24 15.50	0.57	NO	101°	28.17 18.42	0.65 NO		37.00 34.00 36.00 32.00	0.92 0.89	YES YES	9.00 11.00 9.00 11.00	1.22 1.22	YES YES					
Fifth	R13	Residential	Bedroom	W24	Existing Proposed	26.64 14.05	0.53	NO	98°									37.00 34.00	0.92	YES	9.00 11.00	1.22 1.00	YES
Fifth	R14	Residential	Bedroom	W25	Existing Proposed	26.21 13.01	0.50	NO	95°			36.00 32.00	0.89	YES	9.00 11.00	1.22 1.00	YES						
Fifth	R15	Residential	LKD	W26	Existing Proposed	25.73 10.77	0.42	NO	86°N				*North	*North		*North	*North						
Fifth	R15	Residential	LKD	W27	Existing Proposed	29.88 16.22	0.54	NO	54°N				*North	*North		*North	*North						
Fifth	R15	Residential	LKD	W28	Existing Proposed	32.31 22.84	0.71	NO	35°N				*North	*North		*North	*North						
Fifth	R16	Residential	LKD	W29	Existing Proposed	34.07 29.52	0.87	YES	13°N	30.04 17.57	0.58 NO												
Fifth	R16	Residential	LKD	W30	Existing Proposed	34.52 32.98	0.96	YES	353°N				*North	*North		*North	*North						
Fifth	R16	Residential	LKD	W31	Existing Proposed	35.17 35.17	1.00	YES	321°N				*North	*North		*North	*North						
										34.47 32.17	0.93 YES								*North	*North		*North	*North
Sixth	R1	Residential	LKD	W1	Existing Proposed	33.15 33.15	1.00	YES	200°			74.00 74.00	1.00	YES	24.00 24.00	1.00	YES						
Sixth	R1	Residential	LKD	W2	Existing Proposed	32.72 32.72	1.00	YES	168°			75.00 75.00 75.00 74.00	1.00	YES	21.00 21.00 21.00	1.00	YES						
Sixth	R1	Residential	LKD	W3	Existing Proposed	32.36 32.36	1.00	YES	152°	32.64 32.64	1.00 YES							86.00 86.00	1.00	YES	24.00 24.00	1.00	YES
Sixth	R2	Residential	LKD	W4	Existing Proposed	32.05 32.05	1.00	YES	136°			65.00 65.00	1.00	YES	17.00 17.00	1.00	YES						
Sixth	R2	Residential	LKD	W5	Existing Proposed	32.22 31.91	0.99	YES	120°			59.00 59.00	1.00	YES	16.00 16.00	1.00	YES						
Sixth	R2	Residential	LKD	W6	Existing Proposed	31.51 29.00	0.87	YES	87°N			43.00 43.00	*North	*North	9.00 9.00	*North	*North						
Sixth	R3	Residential	Bedroom	W7	Existing Proposed	33.85 26.43	0.78	NO	75°N	32.31 31.62	0.98 YES							68.00 68.00	1.00	YES	19.00 19.00	1.00	YES
Sixth	R4	Residential	Bedroom	W8	Existing Proposed	33.60 24.71	0.74	NO	69°N	33.85 26.43	0.78 NO		*North	*North		*North	*North						
Sixth	R5	Residential	LKD	W9	Existing Proposed	32.49 21.74	0.67	NO	60°N	33.60 24.71	0.74 NO		*North	*North		*North	*North						
Sixth	R5	Residential	LKD	W10	Existing Proposed	31.83 20.46	0.64	NO	57°N				*North	*North		*North	*North						
Sixth	R6	Residential	Bedroom	W11	Existing Proposed	29.73 17.20	0.58	NO	49°N	32.08 20.94	0.65 NO		*North	*North		*North	*North						
Sixth	R6	Residential	Bedroom	W12	Existing Proposed	28.71 15.96	0.56	NO	46°N				*North	*North		*North	*North						
Sixth	R7	Residential	Bedroom	W13	Existing Proposed	25.03 12.16	0.49	NO	38°N	29.32 16.70	0.57 NO		*North	*North		*North	*North						
Sixth	R7	Residential	Bedroom	W14	Existing Proposed	22.34 9.69	0.43	NO	34°N				*North	*North		*North	*North						
Sixth	R8	Residential	LKD	W15	Existing Proposed	27.60 17.71	0.64	NO	84°N	23.69 10.93	0.46 NO												
Sixth	R9	Residential	LKD	W16	Existing Proposed	26.74 17.71	0.66	NO	84°N	27.60 17.71	0.64 NO		*North	*North		*North	*North						
Sixth	R10	Residential	Bedroom	W17	Existing Proposed	22.10 19.81	0.86	YES	132°	26.74 17.71	0.66 NO												
Sixth	R10	Residential	Bedroom	W18	Existing Proposed	25.21 20.78	0.82	YES	128°			33.00 29.00 36.00 32.00	0.88 0.89	YES YES	5.00 6.00 6.00	1.00 1.00	YES YES		*North	*North		*North	*North
Sixth	R11	Residential	Bedroom	W19	Existing Proposed	28.78 21.45	0.75	NO	120°	24.20 20.30	0.84 YES							36.00 32.00	0.89	YES	6.00 6.00	1.00	YES
Sixth	R12	Residential	LKD	W20	Existing Proposed	30.61 19.86	0.65	NO	112°	28.78 21.45	0.75 NO							39.00 35.00	0.90	YES	8.00 8.00	1.00	YES
Sixth	R12	Residential	LKD	W21	Existing Proposed	30.86 18.90	0.61	NO	109°			43.00 37.00 44.00 35.00	0.86 0.80	YES YES	10.00 10.00 11.00	1.00 1.00	YES YES						
Sixth	R12	Residential	LKD	W22	Existing Proposed	30.94 17.75	0.57	NO	105°			43.00 35.00	0.81	YES	11.00 11.00	1.00	YES						
Sixth	R13	Residential	Bedroom	W23	Existing Proposed	30.58 15.85	0.52	NO	101°	30.80 18.84	0.61 NO							44.00 38.00	0.86	YES	11.00 11.00	1.00	YES
Sixth	R13	Residential	Bedroom	W24	Existing Proposed	30.20 14.37	0.48	NO	98°			40.00 40.00 32.00	0.80	YES	11.00 11.00	1.10 1.10	YES						
Sixth	R14	Residential	Bedroom	W25	Existing Proposed	29.92 13.30	0.44	NO	95°	30.44 15.31	0.50 NO							40.00 34.00	0.85	YES	10.00 11.00	1.10	YES
Sixth	R15	Residential	LKD	W26	Existing Proposed	29.57 11.00	0.37	NO	86°N	29.92 13.30	0.44 NO							41.00 33.00	0.80	YES	11.00 11.00	1.10	YES
Sixth	R15	Residential	LKD	W27	Existing Proposed	32.22	0.51	NO	54°N				*North	*North		*North	*North						

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria	
Sixth	R15	Residential	LKD	W28	Proposed Existing Proposed	16.48 33.80 23.20	0.69	NO	35°N						*North	*North		*North	*North					
									32.33 17.85	0.55	NO									*North	*North		*North	*North
Sixth	R16	Residential	LKD	W29	Existing Proposed	34.95 30.07	0.86	YES	13°N					*North	*North		*North	*North						
Sixth	R16	Residential	LKD	W30	Existing Proposed	35.26 33.63	0.95	YES	353°N					*North	*North		*North	*North						
Sixth	R16	Residential	LKD	W31	Existing Proposed	35.95 35.95	1.00	YES	321°N					*North	*North		*North	*North						
									35.26 32.81	0.93	YES									*North	*North		*North	*North
Seventh	R1	Residential	LKD	W1	Existing Proposed	33.81 33.81	1.00	YES	200°				76.00 76.00	1.00	YES	24.00 24.00	1.00	YES						
Seventh	R1	Residential	LKD	W2	Existing Proposed	33.27 33.27	1.00	YES	168°				75.00 75.00	1.00	YES	21.00 21.00	1.00	YES						
Seventh	R1	Residential	LKD	W3	Existing Proposed	32.93 32.93	1.00	YES	152°				74.00 74.00	1.00	YES	21.00 21.00	1.00	YES						
									33.21 33.21	1.00	YES							88.00 88.00	1.00	YES	24.00 24.00	1.00	YES	

Project Name: Harlech Court
Project No.: 19-00380-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Seventh	R2	Residential	LKD	W4	Existing Proposed	32.62 32.62	1.00 YES	136°				65.00 65.00	1.00 1.00	YES YES	17.00 17.00	1.00 1.00	YES YES						
Seventh	R2	Residential	LKD	W5	Existing Proposed	32.80 32.49	0.99 YES	120°				59.00 59.00	1.00 1.00	YES YES	16.00 16.00	1.00 1.00	YES YES						
Seventh	R2	Residential	LKD	W6	Existing Proposed	34.18 29.57	0.87 YES	87°N				44.00 44.00	*North *North	*North *North	10.00 10.00	*North *North	*North *North						
Seventh	R3	Residential	Bedroom	W7	Existing Proposed	34.66 26.99	0.78 NO	75°N	32.90 32.19	0.98 YES								69.00 69.00	1.00 YES		20.00 20.00	1.00 YES	
Seventh	R4	Residential	Bedroom	W8	Existing Proposed	34.50 25.28	0.73 NO	69°N	34.66 26.99	0.78 NO									*North	*North	*North	*North	
Seventh	R5	Residential	LKD	W9	Existing Proposed	33.53 22.31	0.67 NO	60°N	34.50 25.28	0.73 NO									*North	*North	*North	*North	
Seventh	R5	Residential	LKD	W10	Existing Proposed	32.92 21.03	0.64 NO	57°N											*North	*North	*North	*North	
Seventh	R6	Residential	Bedroom	W11	Existing Proposed	30.83 17.76	0.58 NO	49°N											*North	*North	*North	*North	
Seventh	R6	Residential	Bedroom	W12	Existing Proposed	29.80 16.51	0.55 NO	46°N											*North	*North	*North	*North	
Seventh	R7	Residential	Bedroom	W13	Existing Proposed	26.02 12.62	0.49 NO	38°N	30.42 17.26	0.57 NO									*North	*North	*North	*North	
Seventh	R7	Residential	Bedroom	W14	Existing Proposed	23.21 10.09	0.43 NO	34°N											*North	*North	*North	*North	
Seventh	R8	Residential	LKD	W15	Existing Proposed	28.38 18.13	0.64 NO	84°N	24.62 11.36	0.46 NO									*North	*North	*North	*North	
Seventh	R9	Residential	LKD	W16	Existing Proposed	27.52 18.13	0.66 NO	84°N	28.38 18.13	0.64 NO									*North	*North	*North	*North	
Seventh	R10	Residential	Bedroom	W17	Existing Proposed	23.73 20.21	0.85 YES	132°	27.52 18.13	0.66 NO									*North	*North	*North	*North	
Seventh	R10	Residential	Bedroom	W18	Existing Proposed	25.91 21.22	0.82 YES	128°				34.00 29.00	0.85 0.86	YES YES	5.00 5.00	1.00 1.00	YES YES						
Seventh	R11	Residential	Bedroom	W19	Existing Proposed	29.90 21.93	0.73 NO	120°	24.83 20.72	0.83 YES								37.00 32.00	0.86 YES		6.00 6.00	1.00 YES	
Seventh	R12	Residential	LKD	W20	Existing Proposed	32.29 20.32	0.63 NO	112°	29.90 21.93	0.73 NO									*North	*North	*North	*North	
Seventh	R12	Residential	LKD	W21	Existing Proposed	32.83 19.35	0.59 NO	109°				43.00 37.00	0.86 0.80	YES YES	10.00 10.00	1.00 1.00	YES YES						
Seventh	R12	Residential	LKD	W22	Existing Proposed	33.23 18.17	0.55 NO	105°				44.00 35.00	0.80 0.80	YES YES	11.00 11.00	1.00 1.00	YES YES						
Seventh	R13	Residential	Bedroom	W23	Existing Proposed	33.52 16.22	0.48 NO	101°	32.78 19.28	0.59 NO									*North	*North	*North	*North	
Seventh	R13	Residential	Bedroom	W24	Existing Proposed	33.60 14.70	0.44 NO	98°				47.00 37.00	0.79 0.74	YES YES	12.00 12.00	1.00 1.00	YES YES						
Seventh	R14	Residential	Bedroom	W25	Existing Proposed	33.62 13.60	0.40 NO	95°	33.55 15.66	0.47 NO									*North	*North	*North	*North	
Seventh	R15	Residential	LKD	W26	Existing Proposed	33.73 11.23	0.33 NO	86°N				46.00 34.00	0.74 0.74	YES YES	12.00 12.00	1.00 1.00	YES YES						
Seventh	R15	Residential	LKD	W27	Existing Proposed	34.23 16.65	0.49 NO	54°N	33.62 13.60	0.40 NO									*North	*North	*North	*North	
Seventh	R15	Residential	LKD	W28	Existing Proposed	35.00 23.45	0.67 NO	35°N											*North	*North	*North	*North	
Seventh	R16	Residential	LKD	W29	Existing Proposed	35.62 30.49	0.86 YES	13°N	34.41 18.06	0.52 NO									*North	*North	*North	*North	
Seventh	R16	Residential	LKD	W30	Existing Proposed	35.87 34.16	0.95 YES	353°N											*North	*North	*North	*North	
Seventh	R16	Residential	LKD	W31	Existing Proposed	36.63 36.63	1.00 YES	321°N											*North	*North	*North	*North	
Eighth	R1	Residential	LKD	W1	Existing Proposed	34.40 34.40	1.00 YES	200°	25.90 33.33	0.93 YES									*North	*North	*North	*North	
Eighth	R1	Residential	LKD	W2	Existing Proposed	33.80 33.80	1.00 YES	168°				77.00 77.00	1.00 1.00	YES YES	24.00 24.00	1.00 1.00	YES YES						
Eighth	R1	Residential	LKD	W3	Existing Proposed	33.48 33.48	1.00 YES	152°				79.00 79.00	1.00 1.00	YES YES	22.00 22.00	1.00 1.00	YES YES						
Eighth	R2	Residential	LKD	W4	Existing Proposed	33.19 33.19	1.00 YES	136°	33.75 33.75	1.00 YES									*North	*North	*North	*North	
Eighth	R2	Residential	LKD	W5	Existing Proposed	33.38 33.06	0.99 YES	120°				67.00 67.00	1.00 1.00	YES YES	18.00 18.00	1.00 1.00	YES YES						
Eighth	R2	Residential	LKD	W6	Existing Proposed	34.81 30.15	0.87 YES	87°N				61.00 61.00	*North *North	*North *North	17.00 17.00	*North *North	*North *North						
Eighth	R3	Residential	Bedroom	W7	Existing Proposed	35.37 27.57	0.78 YES	75°N	33.48 32.76	0.98 YES									*North	*North	*North	*North	
Eighth	R4	Residential	Bedroom	W8	Existing Proposed	35.27 25.87	0.73 NO	69°N	35.37 27.57	0.78 YES									*North	*North	*North	*North	
Eighth	R5	Residential	LKD	W9	Existing Proposed	34.45 22.93	0.67 NO	60°N	35.27 25.87	0.73 NO									*North	*North	*North	*North	
Eighth	R5	Residential	LKD	W10	Existing Proposed	33.88 21.65	0.64 NO	57°N											*North	*North	*North	*North	
Eighth	R6	Residential	Bedroom	W11	Existing Proposed	31.75 18.39	0.58 NO	49°N	34.09 22.13	0.65 NO									*North	*North	*North	*North	
Eighth	R6	Residential	Bedroom	W12	Existing Proposed	30.72 17.12	0.56 NO	46°N											*North	*North	*North	*North	
Eighth	R7	Residential	Bedroom	W13	Existing Proposed	26.83 13.15	0.49 NO	38°N	31.34 17.88	0.57 NO									*North	*North	*North	*North	
Eighth	R7	Residential	Bedroom	W14	Existing Proposed	23.92 10.55	0.44 NO	34°N											*North	*North	*North	*North	
Eighth	R8	Residential	LKD	W15	Existing Proposed	29.02 18.58	0.64 NO	84°N	25.38 11.85	0.47 NO									*North	*North	*North	*North	
Eighth	R9	Residential	LKD	W16	Existing Proposed	28.17 18.57	0.66 NO	84°N											*North	*North	*North	*North	
Eighth	R10	Residential	Bedroom	W17	Existing Proposed	24.22 20.62	0.85 YES	132°	29.02 18.58	0.64 NO									*North	*North	*North	*North	
Eighth	R10	Residential	Bedroom	W18	Existing Proposed	26.52 21.69	0.82 YES	128°				34.00 29.00	0.85 0.86	YES YES	5.00 5.00	1.00 1.00	YES YES						
Eighth	R11	Residential	Bedroom	W19	Existing Proposed	30.78 22.45	0.73 NO	120°	25.38 21.16	0.83 YES									*North	*North	*North	*North	
									30.78 0.73	NO		41.00 35.00	0.85 0.85	YES YES	8.00 8.00	1.00 1.00	YES YES	41.00			8.00		

Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pri/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pri/Ex	Meets BRE Criteria	Annual	Pri/Ex	Meets BRE Criteria	Winter	Pri/Ex	Meets BRE Criteria	Total Sums per Room Annual	Pri/Ex	Meets BRE Criteria	Total Sums per Room Winter	Pri/Ex	Meets BRE Criteria
Eighth	R12	Residential	LKD	W20	Existing Proposed	33.36	0.62	NO	112"	22.45			45.00	0.82	YES	10.00	1.00	YES	35.00	0.85	YES	8.00	1.00	YES
Eighth	R12	Residential	LKD	W21	Existing Proposed	20.81	0.58	NO	109"				37.00	0.76	YES	10.00	1.00	YES						
Eighth	R12	Residential	LKD	W22	Existing Proposed	33.99	0.54	NO	105"				46.00			11.00	1.00	YES						
						19.82							35.00			11.00								
						34.49							47.00	0.77	YES	11.00	1.00	YES						
						18.60							36.00			11.00								
										32.95	0.58	NO							47.00			11.00		
Eighth	R13	Residential	Bedroom	W23	Existing Proposed	35.05	0.47	NO	101"	19.74			49.00	0.76	YES	12.00	1.00	YES	39.00	0.83	YES	11.00	1.00	YES
Eighth	R13	Residential	Bedroom	W24	Existing Proposed	16.61	0.43	NO	98"				37.00			12.00								
						35.34							48.00	0.71	YES	12.00	1.00	YES						
						15.05							34.00			12.00								
										35.16	0.46	NO							49.00			12.00		
Eighth	R14	Residential	Bedroom	W25	Existing Proposed	35.52	0.39	NO	95"	16.04			48.00	0.71	YES	12.00	1.00	YES	37.00	0.76	YES	12.00	1.00	YES
						13.92							34.00			12.00								
										35.52	0.39	NO							48.00			12.00		
										13.92									36.00	0.71	YES	12.00	1.00	YES

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbourhood
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	YSC	Pt/Ex	Meets BRE Criteria	Window Orientation	Room YSC	Pt/Ex	Meets BRE Criteria	Annual Pt/Ex	Meets BRE Criteria	Winter Pt/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pt/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pt/Ex	Meets BRE Criteria
Eighth	R15	Residential	LKD	W26	Existing Proposed	35.75 11.46	0.32	NO	86°N				*North	*North	*North	*North					
Eighth	R15	Residential	LKD	W27	Existing Proposed	35.64 16.81	0.47	NO	54°N				*North	*North	*North	*North					
Eighth	R15	Residential	LKD	W28	Existing Proposed	35.88 23.67	0.66	NO	35°N				*North	*North	*North	*North					
Eighth	R16	Residential	LKD	W29	Existing Proposed	36.19 30.84	0.85	YES	13°N	35.74 18.25	0.51	NO	*North	*North	*North	*North	*North	*North		*North	*North
Eighth	R16	Residential	LKD	W30	Existing Proposed	36.39 34.60	0.95	YES	353°N				*North	*North	*North	*North					
Eighth	R16	Residential	LKD	W31	Existing Proposed	37.23 37.23	1.00	YES	321°N	36.45 33.76	0.93	YES	*North	*North	*North	*North					
Ninth	R1	Residential	LKD	W1	Existing Proposed	34.94 34.94	1.00	YES	200°				79.00 79.00	1.00 1.00	YES YES	24.00 24.00	1.00 1.00	YES YES		*North	*North
Ninth	R1	Residential	LKD	W2	Existing Proposed	34.27 34.27	1.00	YES	168°				79.00 79.00	1.00 1.00	YES YES	22.00 22.00	1.00 1.00	YES YES			
Ninth	R1	Residential	LKD	W3	Existing Proposed	33.96 33.96	1.00	YES	152°	34.24 34.24	1.00	YES	76.00 76.00	1.00 1.00	YES YES	22.00 22.00	1.00 1.00	YES YES	91.00 91.00	1.00	YES
Ninth	R2	Residential	LKD	W4	Existing Proposed	33.71 33.71	1.00	YES	136°				67.00 67.00	1.00 1.00	YES YES	18.00 18.00	1.00 1.00	YES YES			
Ninth	R2	Residential	LKD	W5	Existing Proposed	33.90 33.59	0.99	YES	120°				61.00 61.00	1.00 1.00	YES YES	17.00 17.00	1.00 1.00	YES YES			
Ninth	R2	Residential	LKD	W6	Existing Proposed	35.30 30.70	0.87	YES	87°N	34.00 33.29	0.98	YES	*North	*North	*North	*North	*North	*North	70.00 70.00	1.00	YES
Ninth	R3	Residential	Bedroom	W7	Existing Proposed	35.87 28.15	0.78	YES	75°N				*North	*North	*North	*North					
Ninth	R4	Residential	Bedroom	W8	Existing Proposed	35.79 26.48	0.74	NO	69°N	35.87 28.15	0.78	YES	*North	*North	*North	*North				*North	*North
Ninth	R5	Residential	LKD	W9	Existing Proposed	35.02 23.58	0.67	NO	60°N	35.79 26.48	0.74	NO	*North	*North	*North	*North				*North	*North
Ninth	R5	Residential	LKD	W10	Existing Proposed	34.47 22.33	0.65	NO	57°N				*North	*North	*North	*North					
Ninth	R6	Residential	Bedroom	W11	Existing Proposed	32.37 19.10	0.59	NO	49°N	34.67 22.79	0.66	NO	*North	*North	*North	*North				*North	*North
Ninth	R6	Residential	Bedroom	W12	Existing Proposed	31.33 17.83	0.57	NO	46°N				*North	*North	*North	*North					
Ninth	R7	Residential	Bedroom	W13	Existing Proposed	27.38 13.78	0.50	NO	38°N	31.95 18.59	0.58	NO	*North	*North	*North	*North				*North	*North
Ninth	R7	Residential	Bedroom	W14	Existing Proposed	24.39 11.09	0.45	NO	34°N				*North	*North	*North	*North					
Ninth	R8	Residential	LKD	W15	Existing Proposed	29.44 19.04	0.65	NO	84°N	25.89 12.44	0.48	NO	*North	*North	*North	*North				*North	*North
Ninth	R9	Residential	LKD	W16	Existing Proposed	28.62 19.03	0.66	NO	84°N	29.44 19.04	0.65	NO	*North	*North	*North	*North				*North	*North
Ninth	R10	Residential	Bedroom	W17	Existing Proposed	24.61 21.05	0.86	YES	132°				34.00 29.00	0.85 0.86	YES YES	5.00 6.00	1.00 1.00	YES YES		*North	*North
Ninth	R10	Residential	Bedroom	W18	Existing Proposed	26.97 22.18	0.82	YES	128°	25.80 21.62	0.84	YES	37.00 32.00	0.86 0.86	YES YES	6.00 6.00	1.00 1.00	YES YES	37.00 32.00	0.86	YES
Ninth	R11	Residential	Bedroom	W19	Existing Proposed	31.31 22.98	0.73	NO	120°	31.31 22.98	0.73	NO	43.00 37.00	0.86 0.86	YES YES	9.00 9.00	1.00 1.00	YES YES	43.00 37.00	0.86	YES
Ninth	R12	Residential	LKD	W20	Existing Proposed	33.90 21.31	0.63	NO	112°				45.00 37.00	0.82 0.77	YES YES	10.00 10.00	1.00 1.00	YES YES			
Ninth	R12	Residential	LKD	W21	Existing Proposed	34.54 20.30	0.59	NO	109°				48.00 37.00	0.77 0.78	YES YES	12.00 12.00	1.00 1.00	YES YES			
Ninth	R12	Residential	LKD	W22	Existing Proposed	35.04 19.05	0.54	NO	105°	34.49 20.22	0.59	NO	49.00 38.00	0.78 0.76	YES YES	12.00 12.00	1.00 1.00	YES YES	49.00 41.00	0.84	YES
Ninth	R13	Residential	Bedroom	W23	Existing Proposed	35.61 17.01	0.48	NO	101°				49.00 37.00	0.76 0.71	YES YES	12.00 12.00	1.00 1.00	YES YES			
Ninth	R13	Residential	Bedroom	W24	Existing Proposed	35.90 15.41	0.43	NO	98°	35.72 16.43	0.46	NO	48.00 34.00	0.71 0.71	YES YES	12.00 12.00	1.00 1.00	YES YES	49.00 37.00	0.76	YES
Ninth	R14	Residential	Bedroom	W25	Existing Proposed	36.09 14.25	0.39	NO	95°	36.09 14.25	0.39	NO	48.00 34.00	0.71 0.71	YES YES	12.00 12.00	1.00 1.00	YES YES	48.00 34.00	0.71	YES
Ninth	R15	Residential	LKD	W26	Existing Proposed	36.35 11.71	0.32	NO	86°N				*North	*North	*North	*North					
Ninth	R15	Residential	LKD	W27	Existing Proposed	36.22 16.96	0.47	NO	54°N				*North	*North	*North	*North					
Ninth	R15	Residential	LKD	W28	Existing Proposed	36.45 23.86	0.65	NO	35°N				*North	*North	*North	*North					
Ninth	R16	Residential	LKD	W29	Existing Proposed	36.70 31.17	0.85	YES	13°N	36.32 18.43	0.51	NO	*North	*North	*North	*North	*North	*North		*North	*North
Ninth	R16	Residential	LKD	W30	Existing Proposed	36.88 35.01	0.95	YES	353°N				*North	*North	*North	*North					
Ninth	R16	Residential	LKD	W31	Existing Proposed	37.74 37.74	1.00	YES	321°N	36.95 34.16	0.92	YES	*North	*North	*North	*North					
Tenth	R1	Residential	LKD	W1	Existing Proposed	35.46 35.46	1.00	YES	200°				80.00 80.00	1.00 1.00	YES YES	25.00 25.00	1.00 1.00	YES YES		*North	*North
Tenth	R1	Residential	LKD	W2	Existing Proposed	34.71 34.71	1.00	YES	168°				79.00 79.00	1.00 1.00	YES YES	22.00 22.00	1.00 1.00	YES YES			
Tenth	R1	Residential	LKD	W3	Existing Proposed	34.42 34.42	1.00	YES	152°	34.69 34.69	1.00	YES	76.00 76.00	1.00 1.00	YES YES	22.00 22.00	1.00 1.00	YES YES	92.00 92.00	1.00	YES
Tenth	R2	Residential	LKD	W4	Existing Proposed	34.19 34.19	1.00	YES	136°				68.00 68.00	1.00 1.00	YES YES	19.00 19.00	1.00 1.00	YES YES			
Tenth	R2	Residential	LKD	W5	Existing Proposed	34.38 34.08	0.99	YES	120°				62.00 62.00	1.00 1.00	YES YES	18.00 18.00	1.00 1.00	YES YES			
Tenth	R2	Residential	LKD	W6	Existing Proposed	35.75 31.23	0.87	YES	87°N	34.47 33.78	0.98	YES	*North	*North	*North	*North	*North	*North	70.00 70.00	1.00	YES
Tenth	R3	Residential	Bedroom	W7	Existing Proposed	36.32 28.72	0.79	YES	75°N				*North	*North	*North	*North					
Tenth	R4	Residential	Bedroom	W8	Existing Proposed	36.28 27.09	0.75	YES	69°N	36.32 28.72	0.79	YES	*North	*North	*North	*North				*North	*North
Tenth	R5	Residential	LKD	W9	Existing Proposed	35.57 24.27	0.68	NO	60°N	36.28 27.09	0.75	YES	*North	*North	*North	*North				*North	*North
Tenth	R5	Residential	LKD	W10	Existing Proposed	35.05 23.05	0.66	NO	57°N				*North	*North	*North	*North					
Tenth	R6	Residential	Bedroom	W11	Existing Proposed	23.00 19.89	0.60	NO	49°N	35.24 23.50	0.67	NO	*North	*North	*North	*North				*North	*North
Tenth	R6	Residential	Bedroom	W12	Existing Proposed	31.97 18.63	0.58	NO	46°N				*North	*North	*North	*North					

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbourhood
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pri/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pri/Ex	Meets BRE Criteria	Annual	Pri/Ex	Meets BRE Criteria	Winter	Pri/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pri/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pri/Ex	Meets BRE Criteria	
Tenth	R7	Residential	Bedroom	W13	Existing Proposed	28.00 14.54	0.52	NO	38°N	19.38			*North	*North		*North	*North		*North	*North		*North	*North	
Tenth	R7	Residential	Bedroom	W14	Existing Proposed	24.52 11.75	0.47	NO	34°N	26.46 13.15	0.50	NO				*North	*North							
Tenth	R8	Residential	LKD	W15	Existing Proposed	29.82 19.53	0.65	NO	84°N	29.82 15.53	0.65	NO				*North	*North		*North	*North		*North	*North	
Tenth	R9	Residential	LKD	W16	Existing Proposed	29.02 19.49	0.67	NO	84°N	29.02 19.49	0.67	NO				*North	*North		*North	*North		*North	*North	
Tenth	R10	Residential	Bedroom	W17	Existing Proposed	24.98 21.47	0.86	YES	132°	35.00 30.00	0.86	YES	6.00 6.00	1.00 1.00	YES				*North	*North		*North	*North	
Tenth	R10	Residential	Bedroom	W18	Existing Proposed	27.40 22.67	0.83	YES	128°	38.00 33.00	0.87	YES	7.00 7.00	1.00 1.00	YES									
Tenth	R11	Residential	Bedroom	W19	Existing Proposed	31.81 23.53	0.74	NO	120°	26.20 22.08	0.84	YES	44.00 38.00	0.86 0.86	YES YES	10.00 10.00	1.00 1.00	YES YES	38.00 33.00	0.87	YES	7.00 7.00	1.00	YES
						31.81 23.53	0.74	NO		44.00 38.00	0.86	YES	10.00 10.00	1.00 1.00	YES YES			44.00 38.00	0.86	YES	10.00 10.00	1.00	YES	

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria			
Tenth	R12	Residential	LKD	W20	Existing	34.40	0.63	NO	112°	34.99 20.70	0.59	NO	48.00	0.83	YES	11.00	1.00	YES	50.00 42.00	0.84	YES	12.00 12.00	1.00	YES			
Tenth	R12	Residential	LKD	W21	Existing	21.82	0.59	NO	109°				40.00														
Tenth	R12	Residential	LKD	W22	Existing	35.04	0.55	NO	105°				49.00	0.78	YES	12.00	1.00	YES									
					Proposed	20.78				49.00	0.78	YES	12.00	1.00	YES												
					Proposed	35.54				38.00																	
					Proposed	19.51																					
Tenth	R13	Residential	Bedroom	W23	Existing	36.10	0.48	NO	101°	36.21 16.81	0.46	NO	49.00	0.76	YES	12.00	1.00	YES	49.00 37.00	0.76	YES	12.00 12.00	1.00	YES			
Tenth	R13	Residential	Bedroom	W24	Existing	17.41	0.43	NO	98°				37.00														
					Existing	36.40							48.00	0.71	YES	12.00	1.00	YES									
					Proposed	15.77				34.00																	
Tenth	R14	Residential	Bedroom	W25	Existing	36.59	0.40	NO	95°	36.59 14.57	0.40	NO	49.00	0.71	YES	12.00	1.00	YES	49.00 35.00	0.71	YES	12.00 12.00	1.00	YES			
					Proposed	14.57							35.00														
Tenth	R15	Residential	LKD	W26	Existing	36.87	0.32	NO	86°N	*North		*North		*North		*North		*North							*North	*North	*North
Tenth	R15	Residential	LKD	W27	Existing	11.95	0.47	NO	54°N	*North		*North		*North		*North											
Tenth	R15	Residential	LKD	W28	Existing	36.76	0.65	NO	35°N	*North		*North		*North		*North											
					Proposed	17.13				*North		*North		*North		*North											
					Proposed	36.97				*North		*North		*North		*North											
					Proposed	24.05				*North		*North		*North		*North											
Tenth	R16	Residential	LKD	W29	Existing	37.18	0.85	YES	13°N	36.85 18.62	0.51	NO	*North	*North		*North	*North	*North	*North	*North	*North						
Tenth	R16	Residential	LKD	W30	Existing	31.47	0.95	YES	353°N				*North	*North		*North	*North										
Tenth	R16	Residential	LKD	W31	Existing	37.31	1.00	YES	321°N				*North	*North		*North	*North										
					Proposed	35.37				*North	*North		*North	*North													
					Proposed	38.13				*North	*North		*North	*North													
					Proposed	38.13																					
Eleventh	R1	Residential	LKD	W1	Existing	35.94	1.00	YES	200°	35.12 35.12	1.00	YES	81.00	1.00	YES	26.00	1.00	YES	93.00 93.00	1.00	YES	26.00 26.00	1.00	YES			
Eleventh	R1	Residential	LKD	W2	Existing	35.94	1.00	YES	168°				81.00														
Eleventh	R1	Residential	LKD	W3	Existing	35.13	1.00	YES	152°				80.00	1.00	YES	23.00	1.00	YES									
					Proposed	35.13				76.00	1.00	YES	22.00	1.00	YES												
					Proposed	34.85				76.00																	
					Proposed	34.85																					
Eleventh	R2	Residential	LKD	W4	Existing	34.63	1.00	YES	136°	34.89 34.24	0.98	YES	68.00	1.00	YES	19.00	1.00	YES	71.00 71.00	1.00	YES	22.00 22.00	1.00	YES			
Eleventh	R2	Residential	LKD	W5	Existing	34.63	0.99	YES	120°				68.00														
Eleventh	R2	Residential	LKD	W6	Existing	34.80	0.88	YES	87°N				62.00	1.00	YES	18.00	1.00	YES									
					Proposed	34.53				46.00	*North	*North	12.00	*North	*North												
					Proposed	31.72				46.00																	
Eleventh	R3	Residential	Bedroom	W7	Existing	36.71	0.80	YES	75°N	36.71 29.27	0.80	YES	*North	*North		*North	*North	*North	*North	*North	*North						
Eleventh	R4	Residential	Bedroom	W8	Existing	36.71	0.75	YES	69°N				*North	*North		*North	*North										
Eleventh	R5	Residential	LKD	W9	Existing	36.71							*North	*North		*North	*North										
					Proposed	27.70				*North	*North		*North	*North													
Eleventh	R5	Residential	LKD	W9	Existing	36.09	0.69	NO	60°N	35.79 24.27	0.68	NO	*North	*North		*North	*North	*North	*North	*North	*North						
Eleventh	R5	Residential	LKD	W10	Existing	25.00							*North	*North		*North	*North										
Eleventh	R6	Residential	Bedroom	W11	Existing	35.62	0.67	NO	57°N				*North	*North		*North	*North										
					Proposed	23.84				*North	*North		*North	*North													
Eleventh	R6	Residential	Bedroom	W12	Existing	33.68	0.62	NO	49°N	33.27 20.29	0.61	NO	*North	*North		*North	*North	*North	*North	*North	*North						
Eleventh	R6	Residential	Bedroom	W12	Existing	20.79	0.60	NO	46°N				*North	*North		*North	*North										
Eleventh	R7	Residential	Bedroom	W13	Existing	32.67							*North	*North		*North	*North										
					Proposed	19.55				*North	*North		*North	*North													
Eleventh	R7	Residential	Bedroom	W14	Existing	28.71	0.54	NO	38°N	27.14 14.03	0.52	NO	*North	*North		*North	*North	*North	*North	*North	*North						
Eleventh	R7	Residential	Bedroom	W14	Existing	15.47	0.49	NO	34°N				*North	*North		*North	*North										
Eleventh	R8	Residential	LKD	W15	Existing	25.56							*North	*North		*North	*North										
					Proposed	12.59				*North	*North		*North	*North													
Eleventh	R8	Residential	LKD	W15	Existing	30.16	0.66	NO	84°N	30.16 20.05	0.66	NO	*North	*North		*North	*North	*North	*North	*North	*North						
Eleventh	R9	Residential	LKD	W16	Existing	20.05							*North	*North		*North	*North										
Eleventh	R10	Residential	Bedroom	W17	Existing	29.35	0.68	NO	84°N				*North	*North		*North	*North										
					Proposed	19.96				*North	*North		*North	*North													
Eleventh	R10	Residential	Bedroom	W18	Existing	25.32	0.86	YES	132°	26.58 22.54	0.85	YES	35.00	0.86	YES	6.00	1.00	YES	38.00 33.00	0.87	YES	7.00 7.00	1.00	YES			
Eleventh	R10	Residential	Bedroom	W18	Existing	21.90	0.83	YES	128°				30.00														
Eleventh	R11	Residential	Bedroom	W19	Existing	27.81	0.83	YES	128°				38.00	0.87	YES	7.00	1.00	YES									
					Proposed	23.16				33.00																	
Eleventh	R11	Residential	Bedroom	W19	Existing	32.26	0.75	NO	120°	32.26 24.08	0.75	NO	44.00	0.86	YES	10.00	1.00	YES	44.00 38.00	0.86	YES	10.00 10.00	1.00	YES			
Eleventh	R12	Residential	LKD	W20	Existing	24.08							49.00	0.84	YES	11.00	1.00	YES									
Eleventh	R12	Residential	LKD	W21	Existing	34.85	0.64	NO	112°				41.00														
Eleventh	R12	Residential	LKD	W22	Existing	22.34	0.60	NO	109°	49.00	0.78	YES	12.00	1.00	YES												
Eleventh	R12	Residential	LKD	W22	Existing	35.48	0.56	NO	105°	38.00																	
Eleventh	R12	Residential	LKD	W22	Existing	21.28				49.00	0.78	YES	12.00	1.00	YES												
					Proposed	19.98				38.00																	
Eleventh	R13	Residential	Bedroom	W23	Existing	36.53	0.49	NO	101°	36.64 17.21	0.47	NO	50.00	0.76	YES	12.00	1.00	YES	51.00 39.00	0.76	YES	12.00 12.00	1.00	YES			
Eleventh	R13	Residential	Bedroom	W24	Existing	17.83	0.44	NO	98°				38.00														
Eleventh	R14	Residential	Bedroom	W25	Existing	36.83	0.44	NO	98°				49.00	0.71	YES	12.00	1.00	YES									
					Proposed	16.13				35.00																	
Eleventh	R14	Residential	Bedroom	W25	Existing	37.02	0.40	NO	95°	37.02 14.91	0.40	NO	49.00	0.71	YES	12.00	1.00	YES	49.00 35.00	0.71	YES	12.00 12.00	1.00	YES			
Eleventh	R15	Residential	LKD	W26	Existing	14.91							35.00														
Eleventh	R15	Residential	LKD	W27	Existing	37.33	0.33	NO	86°N				*North	*North		*North	*North										
Eleventh	R15	Residential	LKD	W28	Existing	12.21	0.46	NO	54°N	*North	*North		*North	*North													
Eleventh	R15	Residential	LKD	W28	Existing	37.24	0.65	NO	35°N	*North	*North		*North	*North													
Eleventh	R15	Residential	LKD	W28	Existing	17.28				*North	*North		*North	*North													
					Proposed	37.45				*North	*North		*North	*North													
					Proposed	24.23				*North	*North		*North	*North													
Eleventh	R16	Residential	LKD	W29	Existing	37.61	0.84	YES	13°N	37.32 18.79	0.50	NO	*North	*North		*North	*North	*North	*North	*North	*North						
Eleventh	R16	Residential	LKD	W30	Existing	31.75	0.95	YES	353°N				*North	*North		*North	*North										
Eleventh	R16	Residential	LKD	W31	Existing	37.68	1.00	YES	321°N				*North	*North		*North	*North										
					Proposed	35.68				*North	*North		*North	*North													
					Proposed	38.44				*North	*North		*North	*North													
					Proposed	38.44																					
Twelfth	R1	Residential	LKD	W1	Existing	36.35	1.00	YES	200°	35.53 35.53	1.00	YES	81.00	1.00	YES	26.00	1.00	YES	93.00 93.00	1.00	YES	26.00 26.					

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
					Proposed	29.81																	
Twelfth	R4	Residential	Bedroom	W8	Existing	37.10	0.76	YES	69°N	37.06	0.80	YES							*North	*North		*North	*North
					Proposed	28.31				29.81			*North	*North		*North	*North						
					Proposed	28.31				37.10	0.76	YES							*North	*North		*North	*North
Twelfth	R5	Residential	LKD	W9	Existing	36.60	0.70	NO	60°N	28.31			*North	*North		*North	*North		*North	*North		*North	*North
Twelfth	R5	Residential	LKD	W10	Existing	36.19	0.68	NO	57°N				*North	*North		*North	*North						
					Proposed	24.69																	
					Proposed	24.69				36.34	0.69	NO											
Twelfth	R6	Residential	Bedroom	W11	Existing	34.42	0.63	NO	49°N	25.09			*North	*North		*North	*North		*North	*North		*North	*North
					Proposed	21.82																	
Twelfth	R6	Residential	Bedroom	W12	Existing	33.46	0.62	NO	46°N				*North	*North		*North	*North						
					Proposed	20.63																	
					Proposed	20.63				34.03	0.63	NO											
Twelfth	R7	Residential	Bedroom	W13	Existing	29.58	0.56	NO	38°N	21.34			*North	*North		*North	*North		*North	*North		*North	*North
					Proposed	16.60																	
Twelfth	R7	Residential	Bedroom	W14	Existing	26.43	0.52	NO	34°N				*North	*North		*North	*North						
					Proposed	13.70				28.01	0.54	NO											
					Proposed	13.70				15.15									*North	*North		*North	*North

Project Name: Harelech Court Project No.: ID-08089-020 Report Title: Daylight & Sunlight Analysis - Neighbour Date of Analysis: 11/06/2024																									
Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pt/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pt/Ex	Meets BRE Criteria	Annual	Pt/Ex	Meets BRE Criteria	Winter	Pt/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pt/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pt/Ex	Meets BRE Criteria		
Twelfth	R8	Residential	LKD	W15	Existing Proposed	30.52 20.61	0.68	NO	84°N				*North	*North		*North	*North								
Twelfth	R9	Residential	LKD	W16	Existing Proposed	29.66 20.44	0.69	NO	84°N	30.52 20.61	0.68	NO				*North	*North		*North	*North					
Twelfth	R10	Residential	Bedroom	W17	Existing Proposed	25.67 22.34	0.87	YES	132°	29.66 20.44	0.69	NO	36.00 31.00 39.00 34.00	0.86 0.87	YES YES	7.00 7.00 7.00 7.00	1.00 1.00 1.00 1.00	YES YES				*North	*North		
Twelfth	R10	Residential	Bedroom	W18	Existing Proposed	28.21 23.69	0.84	YES	128°																
Twelfth	R11	Residential	Bedroom	W19	Existing Proposed	32.70 24.65	0.75	NO	120°	26.95 23.02	0.85	YES	44.00 38.00	0.86	YES	10.00 10.00	1.00 1.00	YES	40.00 35.00	0.88	YES	8.00 8.00	1.00 1.00	YES	
Twelfth	R12	Residential	LKD	W20	Existing Proposed	35.26 22.88	0.65	NO	112°	32.70 24.65	0.75	NO	49.00 41.00 49.00 38.00	0.84 0.78	YES YES	11.00 11.00 12.00 12.00	1.00 1.00 1.00 1.00	YES YES	44.00 38.00	0.86	YES	10.00 10.00	1.00 1.00	YES	
Twelfth	R12	Residential	LKD	W21	Existing Proposed	35.88 21.80	0.61	NO	109°																
Twelfth	R12	Residential	LKD	W22	Existing Proposed	36.36 20.48	0.56	NO	105°				50.00 39.00	0.78	YES	12.00 12.00	1.00 1.00	YES							
Twelfth	R13	Residential	Bedroom	W23	Existing Proposed	36.91 18.27	0.49	NO	101°	35.83 21.72	0.61	NO	51.00 39.00 50.00 36.00	0.76 0.72	YES YES	12.00 12.00 13.00 13.00	1.00 1.00 1.00 1.00	YES YES	51.00 43.00	0.84	YES	12.00 12.00	1.00 1.00	YES	
Twelfth	R13	Residential	Bedroom	W24	Existing Proposed	37.21 16.55	0.44	NO	98°																
Twelfth	R14	Residential	Bedroom	W25	Existing Proposed	37.40 15.29	0.41	NO	95°	37.02 17.64	0.48	NO	50.00 36.00	0.72	YES	13.00 13.00	1.00 1.00	YES	52.00 40.00	0.77	YES	13.00 13.00	1.00 1.00	YES	
Twelfth	R15	Residential	LKD	W26	Existing Proposed	37.73 12.50	0.33	NO	86°N	37.40 15.29	0.41	NO		*North	*North		*North	*North							
Twelfth	R15	Residential	LKD	W27	Existing Proposed	37.67 17.45	0.46	NO	54°N																
Twelfth	R15	Residential	LKD	W28	Existing Proposed	37.87 24.39	0.64	NO	35°N																
Twelfth	R16	Residential	LKD	W29	Existing Proposed	37.98 31.98	0.84	YES	13°N	37.75 18.98	0.50	NO		*North	*North		*North	*North							
Twelfth	R16	Residential	LKD	W30	Existing Proposed	37.99 35.93	0.95	YES	353°N																
Twelfth	R16	Residential	LKD	W31	Existing Proposed	38.67 38.67	1.00	YES	321°N																
Thirteenth	R1	Residential	LKD	W1	Existing Proposed	36.73 36.73	1.00	YES	200°	38.09 35.05	0.92	YES	82.00 82.00 82.00 78.00	1.00 1.00 1.00 1.00	YES YES YES YES	26.00 26.00 24.00 24.00	1.00 1.00 1.00 1.00	YES YES YES YES				*North	*North		
Thirteenth	R1	Residential	LKD	W2	Existing Proposed	35.93 35.93	1.00	YES	168°																
Thirteenth	R1	Residential	LKD	W3	Existing Proposed	35.66 35.66	1.00	YES	152°	35.93 35.93	1.00	YES	78.00 78.00	1.00 1.00	YES YES	24.00 24.00	1.00 1.00	YES YES	94.00 94.00	1.00	YES	26.00 26.00			

Project Name: Hartree Court Project No.: 19-00360-02b Report Title: Daylight & Sunlight Analysis - Neighbour Date of Analysis: 11/06/2024																							
Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Fourteenth	R1	Residential	LKD	W1	Existing 37.07	1.00	YES	200°	35.23			82.00	1.00	YES	26.00	1.00	YES	*North	*North				
Fourteenth	R1	Residential	LKD	W2	Existing 37.07	1.00	YES	168°				82.00	1.00	YES	26.00	1.00	YES						
Fourteenth	R1	Residential	LKD	W3	Existing 36.04	1.00	YES	152°				82.00	1.00	YES	24.00	1.00	YES						
					Proposed 36.04				36.30	1.00	YES	78.00	1.00	YES	24.00	1.00	YES						
Fourteenth	R2	Residential	LKD	W4	Existing 35.84	1.00	YES	136°	36.30			71.00	1.00	YES	21.00	1.00	YES	94.00	1.00	YES	26.00	1.00	YES
Fourteenth	R2	Residential	LKD	W5	Existing 35.94	0.99	YES	120°				71.00	1.00	YES	21.00	1.00	YES						
Fourteenth	R2	Residential	LKD	W6	Existing 35.72	0.89	YES	87°N				65.00	1.00	YES	20.00	1.00	YES						
					Proposed 37.08							65.00			20.00								
Fourteenth	R3	Residential	Bedroom	W7	Existing 37.67	0.82	YES	75°N	36.04	0.98	YES	48.00	*North	*North	13.00	*North	*North	73.00	1.00	YES	23.00	1.00	YES
					Proposed 30.93				37.67	0.82	YES		*North	*North		*North	*North						
Fourteenth	R4	Residential	Bedroom	W8	Existing 37.81	0.78	YES	69°N					*North	*North		*North	*North	*North	*North				
					Proposed 29.61				37.81	0.78	YES												
									29.61									*North	*North		*North	*North	

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Fourteenth	R5	Residential	LKD	W9	Existing Proposed	37.60 27.48	0.73	YES	60°N															
Fourteenth	R5	Residential	LKD	W10	Existing Proposed	37.38 26.62	0.71	NO	57°N	37.46 26.94	0.72	NO												
Fourteenth	R6	Residential	Bedroom	W11	Existing Proposed	36.15 24.35	0.67	NO	49°N											*North	*North		*North	*North
Fourteenth	R6	Residential	Bedroom	W12	Existing Proposed	35.39 23.37	0.66	NO	46°N											*North	*North		*North	*North
Fourteenth	R7	Residential	Bedroom	W13	Existing Proposed	32.00 19.77	0.62	NO	38°N											*North	*North		*North	*North
Fourteenth	R7	Residential	Bedroom	W14	Existing Proposed	28.99 16.97	0.59	NO	34°N											*North	*North		*North	*North
Fourteenth	R8	Residential	LKD	W15	Existing Proposed	31.63 22.12	0.70	NO	84°N	30.50 18.37	0.60	NO								*North	*North		*North	*North
Fourteenth	R9	Residential	LKD	W16	Existing Proposed	30.31 21.62	0.71	NO	84°N	31.63 22.12	0.70	NO								*North	*North		*North	*North
Fourteenth	R10	Residential	Bedroom	W17	Existing Proposed	26.51 23.46	0.88	YES	132°	30.31 21.62	0.71	NO	37.00 32.00	0.86	YES	7.00 7.00	1.00	YES		*North	*North		*North	*North
Fourteenth	R10	Residential	Bedroom	W18	Existing Proposed	29.18 24.99	0.86	YES	128°				42.00 37.00	0.88	YES	9.00 9.00	1.00	YES						
Fourteenth	R11	Residential	Bedroom	W19	Existing Proposed	33.64 26.02	0.77	NO	120°	27.86 24.23	0.87	YES	49.00 44.00	0.90	YES	11.00 11.00	1.00	YES	42.00 37.00	0.88	YES	9.00 9.00	1.00	YES
Fourteenth	R12	Residential	LKD	W20	Existing Proposed	36.05 24.15	0.67	NO	112°	33.64 26.02	0.77	NO	54.00 47.00	0.87	YES	13.00 13.00	1.00	YES	49.00 44.00	0.90	YES	11.00 11.00	1.00	YES
Fourteenth	R12	Residential	LKD	W21	Existing Proposed	36.61 23.02	0.63	NO	109°				52.00 42.00	0.81	YES	13.00 13.00	1.00	YES						
Fourteenth	R12	Residential	LKD	W22	Existing Proposed	37.05 21.64	0.58	NO	105°				52.00 42.00	0.81	YES	13.00 13.00	1.00	YES						
Fourteenth	R13	Residential	Bedroom	W23	Existing Proposed	37.55 19.33	0.51	NO	101°	36.57 22.94	0.63	NO	53.00 42.00	0.79	YES	13.00 13.00	1.00	YES	54.00 47.00	0.87	YES	13.00 13.00	1.00	YES
Fourteenth	R13	Residential	Bedroom	W24	Existing Proposed	37.81 17.52	0.46	NO	98°				50.00 38.00	0.76	YES	13.00 13.00	1.00	YES						
Fourteenth	R14	Residential	Bedroom	W25	Existing Proposed	37.99 16.19	0.43	NO	95°	37.65 18.67	0.50	NO	50.00 38.00	0.76	YES	13.00 13.00	1.00	YES	53.00 42.00	0.79	YES	13.00 13.00	1.00	YES
Fourteenth	R15	Residential	LKD	W26	Existing Proposed	38.31 13.17	0.34	NO	86°N	37.99 16.19	0.43	NO							50.00 38.00	0.76	YES	13.00 13.00	1.00	YES
Fourteenth	R15	Residential	LKD	W27	Existing Proposed	38.30 17.81	0.47	NO	54°N				*North	*North		*North	*North							
Fourteenth	R15	Residential	LKD	W28	Existing Proposed	38.48 24.69	0.64	NO	35°N				*North	*North		*North	*North							
Fourteenth	R16	Residential	LKD	W29	Existing Proposed	38.50 32.31	0.84	YES	13°N	38.36 19.37	0.50	NO							*North	*North		*North	*North	
Fourteenth	R16	Residential	LKD	W30	Existing Proposed	38.40 36.26	0.94	YES	353°N				*North	*North		*North	*North							
Fourteenth	R16	Residential	LKD	W31	Existing Proposed	38.95 38.95	1.00	YES	321°N				*North	*North		*North	*North							
Fifteenth	R1	Residential	LKD	W1	Existing Proposed	37.32 37.32	1.00	YES	200°	38.52 35.37	0.92	YES	82.00 82.00	1.00	YES	26.00 26.00	1.00	YES		*North	*North		*North	*North
Fifteenth	R1	Residential	LKD	W2	Existing Proposed	37.32 36.60	1.00	YES	168°				82.00 83.00	1.00	YES	26.00 25.00	1.00	YES						
Fifteenth	R1	Residential	LKD	W3	Existing Proposed	36.60 36.36	1.00	YES	152°				83.00 79.00	1.00	YES	25.00 25.00	1.00	YES						
Fifteenth	R2	Residential	LKD	W4	Existing Proposed	36.19 36.19	1.00	YES	136°	36.60 36.60	1.00	YES	72.00 72.00	1.00	YES	22.00 22.00	1.00	YES	94.00 94.00	1.00	YES	26.00 26.00	1.00	YES
Fifteenth	R2	Residential	LKD	W5	Existing Proposed	36.29 36.10	0.99	YES	120°				65.00 65.00	1.00	YES	20.00 20.00	1.00	YES						
Fifteenth	R2	Residential	LKD	W6	Existing Proposed	37.35 33.63	0.90	YES	87°N				48.00 48.00	*North	*North	13.00 13.00	*North	*North						
Fifteenth	R3	Residential	Bedroom	W7	Existing Proposed	37.91 31.53	0.83	YES	75°N	36.38 35.84	0.99	YES							73.00 73.00	1.00	YES	23.00 23.00	1.00	YES
Fifteenth	R4	Residential	Bedroom	W8	Existing Proposed	38.09 30.31	0.80	YES	69°N	37.91 31.53	0.83	YES							*North	*North		*North	*North	
Fifteenth	R5	Residential	LKD	W9	Existing Proposed	38.03 28.41	0.75	YES	60°N	38.09 30.31	0.80	YES							*North	*North		*North	*North	
Fifteenth	R5	Residential	LKD	W10	Existing Proposed	37.93 27.68	0.73	YES	57°N				*North	*North		*North	*North							
Fifteenth	R6	Residential	Bedroom	W11	Existing Proposed	37.09 25.84	0.70	NO	49°N	37.97 27.95	0.74	YES							*North	*North		*North	*North	
Fifteenth	R6	Residential	Bedroom	W12	Existing Proposed	36.50 25.04	0.69	NO	46°N				*North	*North		*North	*North							
Fifteenth	R7	Residential	Bedroom	W13	Existing Proposed	33.63 21.95	0.65	NO	38°N	36.85 25.52	0.69	NO							*North	*North		*North	*North	
Fifteenth	R7	Residential	Bedroom	W14	Existing Proposed	30.89 19.38	0.63	NO	34°N				*North	*North		*North	*North							
Fifteenth	R8	Residential	LKD	W15	Existing Proposed	32.52 23.22	0.71	NO	84°N	32.26 20.67	0.64	NO							*North	*North		*North	*North	
Fifteenth	R9	Residential	LKD	W16	Existing Proposed	31.12 22.66	0.73	NO	84°N	32.52 23.22	0.71	NO							*North	*North		*North	*North	
Fifteenth	R10	Residential	Bedroom	W17	Existing Proposed	27.10 24.22	0.89	YES	132°	31.12 22.66	0.73	NO	40.00 35.00	0.88	YES	8.00 8.00	1.00	YES		*North	*North		*North	*North
Fifteenth	R10	Residential	Bedroom	W18	Existing Proposed	29.81 25.84	0.87	YES	128°				43.00 38.00	0.88	YES	9.00 9.00	1.00	YES						
Fifteenth	R11	Residential	Bedroom	W19	Existing Proposed	34.16 26.83	0.79	NO	120°	28.47 25.04	0.88	YES	50.00 45.00	0.90	YES	11.00 11.00	1.00	YES	43.00 38.00	0.88	YES	9.00 9.00	1.00	YES
Fifteenth	R12	Residential	LKD	W20	Existing Proposed	36.43 24.90	0.68	NO	112°	34.16 26.83	0.79	NO	54.00 49.00	0.91	YES	13.00 13.00	1.00	YES	50.00 45.00	0.90	YES	11.00 11.00	1.00	YES
Fifteenth	R12	Residential	LKD	W21	Existing Proposed	36.95 23.74	0.64	NO	109°				53.00 46.00	0.87	YES	13.00 13.00	1.00	YES						
Fifteenth	R12	Residential	LKD	W22	Existing Proposed	37.35 22.32	0.60	NO	105°				53.00 44.00	0.83	YES	13.00 13.00	1.00	YES						
Fifteenth	R13	Residential	Bedroom	W23	Existing Proposed	37.79 19.94	0.53	NO	101°	36.91 23.65	0.64	NO	54.00 43.00	0.80	YES	14.00 14.00	1.00	YES	55.00 50.00	0.91	YES	13.00 13.00	1.00	YES
Fifteenth	R13	Residential	Bedroom	W24	Existing Proposed	38.03 18.08	0.48	NO	98°				52.00 41.00	0.79	YES	15.00 15.00	1.00	YES						
Fifteenth	R14	Residential	Bedroom	W25	Existine	38.19	0.44	NO	95°	37.88 19.26	0.51	NO							55.00 44.00	0.80	YES	15.00 15.00	1.00	YES

Project Name: Harlech Court
Project No.: 19-00380-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
					Proposed	16.72				38.19	0.44	NO	40.00			15.00			52.00	0.77	YES	15.00	1.00	YES
Fifteenth	R15	Residential	LKD	W26	Existing	38.48	0.35	NO	86°N	16.72				*North	*North		*North	*North	40.00					
					Proposed	13.57																		
Fifteenth	R15	Residential	LKD	W27	Existing	38.45	0.47	NO	54°N					*North	*North		*North	*North						
					Proposed	18.02																		
Fifteenth	R15	Residential	LKD	W28	Existing	38.63	0.64	NO	35°N					*North	*North		*North	*North						
					Proposed	24.85																		
										38.51	0.51	NO												
										19.59														
Fifteenth	R16	Residential	LKD	W29	Existing	38.65	0.84	YES	13°N					*North	*North		*North	*North						
					Proposed	32.45																		
Fifteenth	R16	Residential	LKD	W30	Existing	38.53	0.94	YES	353°N					*North	*North		*North	*North						
					Proposed	36.39																		
Fifteenth	R16	Residential	LKD	W31	Existing	39.04	1.00	YES	321°N					*North	*North		*North	*North						
					Proposed	39.04																		
										38.65	0.92	YES												
										35.50														

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Sixteenth	R1	Residential	LKD	W1	Existing Proposed	37.57 37.57	1.00 YES	200°				82.00 82.00	1.00 YES	YES	26.00 26.00	1.00 YES	YES						
Sixteenth	R1	Residential	LKD	W2	Existing Proposed	36.90 36.90	1.00 YES	168°				83.00 83.00	1.00 YES	YES	25.00 25.00	1.00 YES	YES						
Sixteenth	R1	Residential	LKD	W3	Existing Proposed	36.68 36.68	1.00 YES	152°				79.00 79.00	1.00 YES	YES	25.00 25.00	1.00 YES	YES						
Sixteenth	R2	Residential	LKD	W4	Existing Proposed	36.53 36.53	1.00 YES	136°	36.90 36.90	1.00 YES	YES	72.00 72.00	1.00 YES	YES	22.00 22.00	1.00 YES	YES	94.00 94.00	1.00 YES	YES	26.00 26.00	1.00 YES	YES
Sixteenth	R2	Residential	LKD	W5	Existing Proposed	36.64 36.47	1.00 YES	120°				65.00 65.00	1.00 YES	YES	20.00 20.00	1.00 YES	YES						
Sixteenth	R2	Residential	LKD	W6	Existing Proposed	37.62 34.14	0.91 YES	87°N				48.00 48.00	*North *North	*North *North	13.00 13.00	*North *North	*North *North						
Sixteenth	R3	Residential	Bedroom	W7	Existing Proposed	38.15 32.15	0.84 YES	75°N	36.72 36.22	0.99 YES	YES							71.00 73.00	1.00 YES	YES	23.00 23.00	1.00 YES	YES
Sixteenth	R4	Residential	Bedroom	W8	Existing Proposed	38.36 31.03	0.81 YES	69°N	38.15 32.15	0.84 YES	YES								*North	*North		*North	*North
Sixteenth	R5	Residential	LKD	W9	Existing Proposed	38.44 29.35	0.76 YES	60°N	38.36 31.03	0.81 YES	YES								*North	*North		*North	*North
Sixteenth	R5	Residential	LKD	W10	Existing Proposed	28.76 28.76	0.75 YES	57°N											*North	*North		*North	*North
Sixteenth	R6	Residential	Bedroom	W11	Existing Proposed	38.02 27.38	0.72 YES	49°N	38.44 28.98	0.75 YES	YES								*North	*North		*North	*North
Sixteenth	R6	Residential	Bedroom	W12	Existing Proposed	37.63 26.77	0.71 NO	46°N											*North	*North		*North	*North
Sixteenth	R7	Residential	Bedroom	W13	Existing Proposed	35.42 24.32	0.69 NO	38°N	37.86 27.13	0.72 YES	YES								*North	*North		*North	*North
Sixteenth	R7	Residential	Bedroom	W14	Existing Proposed	33.14 22.19	0.67 NO	34°N											*North	*North		*North	*North
Sixteenth	R8	Residential	LKD	W15	Existing Proposed	33.53 24.58	0.73 NO	84°N	34.28 23.26	0.68 NO	NO								*North	*North		*North	*North
Sixteenth	R9	Residential	LKD	W16	Existing Proposed	34.29 24.60	0.72 NO	84°N	33.53 24.58	0.73 NO	NO								*North	*North		*North	*North
Sixteenth	R10	Residential	Bedroom	W17	Existing Proposed	25.55 23.22	0.91 YES	135°	34.29 24.60	0.72 NO	NO								*North	*North		*North	*North
Sixteenth	R10	Residential	Bedroom	W18	Existing Proposed	27.73 24.77	0.89 YES	132°				36.00 41.00	0.88 YES	YES	7.00 7.00	1.00 YES	YES						
Sixteenth	R10	Residential	Bedroom	W19	Existing Proposed	30.32 26.27	0.87 YES	128°				36.00 40.00	0.89 YES	YES	9.00 9.00	1.00 YES	YES						
Sixteenth	R11	Residential	Bedroom	W20	Existing Proposed	34.27 27.21	0.79 YES	120°	27.69 24.62	0.89 YES	YES								45.00 40.00	0.89 YES	YES	9.00 9.00	1.00 YES
Sixteenth	R12	Residential	LKD	W21	Existing Proposed	36.56 25.58	0.70 NO	112°	34.27 27.21	0.79 YES	YES								50.00 45.00	0.90 YES	YES	11.00 11.00	1.00 YES
Sixteenth	R12	Residential	LKD	W22	Existing Proposed	37.10 24.41	0.66 NO	109°				56.00 51.00	0.91 YES	YES	14.00 14.00	1.00 YES	YES						
Sixteenth	R12	Residential	LKD	W23	Existing Proposed	37.51 23.12	0.62 NO	106°				54.00 48.00	0.89 YES	YES	14.00 14.00	1.00 YES	YES						
Sixteenth	R13	Residential	Bedroom	W24	Existing Proposed	37.85 21.38	0.56 NO	103°	37.06 24.37	0.66 NO	NO								56.00 51.00	0.91 YES	YES	14.00 14.00	1.00 YES
Sixteenth	R13	Residential	Bedroom	W25	Existing Proposed	38.07 20.22	0.53 NO	100°				46.00 55.00	0.82 YES	YES	15.00 15.00	1.00 YES	YES						
Sixteenth	R13	Residential	Bedroom	W26	Existing Proposed	38.23 18.94	0.50 NO	97°				45.00 51.00	0.78 YES	YES	14.00 14.00	1.00 YES	YES						
Sixteenth	R14	Residential	LKD	W27	Existing Proposed	38.64 15.04	0.39 NO	85°N	38.08 20.01	0.53 NO	NO								55.00 46.00	0.84 YES	YES	15.00 15.00	1.00 YES
Sixteenth	R14	Residential	LKD	W28	Existing Proposed	38.60 16.91	0.44 NO	64°N											*North	*North		*North	*North
Sixteenth	R14	Residential	LKD	W29	Existing Proposed	38.47 28.14	0.73 YES	24°N											*North	*North		*North	*North
Sixteenth	R14	Residential	LKD	W30	Existing Proposed	38.70 37.61	0.97 YES	343°N											*North	*North		*North	*North
Sixteenth	R14	Residential	LKD	W31	Existing Proposed	39.10 39.10	1.00 YES	322°N	38.63 27.50	0.71 YES	YES								*North	*North		*North	*North
Seventeenth	R1	Residential	LKD	W1	Existing Proposed	37.81 37.81	1.00 YES	200°				83.00 83.00	1.00 YES	YES	27.00 27.00	1.00 YES	YES						
Seventeenth	R1	Residential	LKD	W2	Existing Proposed	37.20 37.20	1.00 YES	168°				84.00 84.00	1.00 YES	YES	26.00 26.00	1.00 YES	YES						
Seventeenth	R1	Residential	LKD	W3	Existing Proposed	37.00 37.00	1.00 YES	152°				79.00 79.00	1.00 YES	YES	25.00 25.00	1.00 YES	YES						
Seventeenth	R2	Residential	LKD	W4	Existing Proposed	36.88 36.88	1.00 YES	136°	37.20 37.20	1.00 YES	YES								95.00 95.00	1.00 YES	YES	27.00 27.00	1.00 YES
Seventeenth	R2	Residential	LKD	W5	Existing Proposed	36.99 36.84	1.00 YES	120°				72.00 72.00	1.00 YES	YES	22.00 22.00	1.00 YES	YES						
Seventeenth	R2	Residential	LKD	W6	Existing Proposed	37.88 34.66	0.91 YES	87°N				65.00 65.00	1.00 YES	YES	20.00 20.00	1.00 YES	YES						
Seventeenth	R3	Residential	Bedroom	W7	Existing Proposed	38.36 32.78	0.85 YES	75°N	37.05 36.60	0.99 YES	YES								73.00 73.00	1.00 YES	YES	23.00 23.00	1.00 YES
Seventeenth	R4	Residential	Bedroom	W8	Existing Proposed	38.57 31.73	0.82 YES	69°N	38.36 32.78	0.85 YES	YES								*North	*North		*North	*North
Seventeenth	R5	Residential	LKD	W9	Existing Proposed	38.73 30.23	0.78 YES	60°N	38.57 31.73	0.82 YES	YES								*North	*North		*North	*North
Seventeenth	R5	Residential	LKD	W10	Existing Proposed	38.81 29.74	0.77 YES	57°N											*North	*North		*North	*North
Seventeenth	R6	Residential	Bedroom	W11	Existing Proposed	38.56 28.57	0.74 YES	49°N	38.78 29.92	0.77 YES	YES									*North	*North		*North
Seventeenth	R6	Residential	Bedroom	W12	Existing Proposed	38.28 28.10	0.73 YES	46°N											*North	*North		*North	*North
Seventeenth	R7	Residential	Bedroom	W13	Existing Proposed	29.22 19.40	0.66 NO	41°N	38.45 28.38	0.74 YES	YES								*North	*North		*North	*North
Seventeenth	R7	Residential	Bedroom	W14	Existing Proposed	32.74 22.80	0.70 NO	36°N											*North	*North		*North	*North
Seventeenth	R7	Residential	Bedroom	W15	Existing Proposed	32.97 22.98	0.70 NO	36°N											*North	*North		*North	*North
Seventeenth	R8	Residential	LKD	W16	Existing Proposed	30.92 23.16	0.75 NO	84°N	32.02 22.05	0.69 NO	NO									*North	*North		*North
Seventeenth	R8	Residential	LKD	W18	Existing Proposed	34.61 26.21	0.76 NO	84°N											*North	*North		*North	*North
Seventeenth	R9	Residential	LKD	W17	Existing Proposed	36.33 26.95	0.74 NO	84°N	33.20 25.05	0.75 NO	NO								*North	*North		*North	*North
Seventeenth	R10	Residential	LKD	W19	Existing	36.55	0.89	YES	344°N	36.33 26.95	0.74 NO	NO							*North	*North		*North	*North

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Seventeenth	R10	Residential	LKD	W20	Existing Proposed	32.57 38.42	0.67	N/O	64°N				*North	*North		*North	*North						
Seventeenth	R10	Residential	LKD	W21	Existing Proposed	38.70 27.82	0.72	YES	24°N				*North	*North		*North	*North						
Seventeenth	R10	Residential	LKD	W22	Existing Proposed	27.91 27.01	0.97	YES	324°N				*North	*North		*North	*North						
									36.61 28.51	0.78	YES								*North	*North		*North	*North
Eighteenth	R1	Residential	LKD	W1	Existing Proposed	38.06 38.06	1.00	YES	200°			84.00 84.00	1.00	YES	28.00 28.00	1.00	YES						
Eighteenth	R1	Residential	LKD	W2	Existing Proposed	37.50 37.50	1.00	YES	168°			86.00 86.00	1.00	YES	28.00 28.00	1.00	YES						
Eighteenth	R1	Residential	LKD	W3	Existing Proposed	37.32 37.32	1.00	YES	152°			81.00 81.00	1.00	YES	27.00 27.00	1.00	YES						
									37.50 37.50	1.00	YES							96.00 96.00	1.00	YES	28.00 28.00	1.00	YES
Eighteenth	R2	Residential	LKD	W4	Existing Proposed	37.23 37.23	1.00	YES	136°			74.00 74.00	1.00	YES	24.00 24.00	1.00	YES						
Eighteenth	R2	Residential	LKD	W5	Existing Proposed	37.34 37.21	1.00	YES	120°			67.00 67.00	1.00	YES	22.00 22.00	1.00	YES						
Eighteenth	R2	Residential	LKD	W6	Existing Proposed	38.15 35.19	0.92	YES	87°N			49.00 49.00	*North	*North	14.00 14.00	*North	*North						
									37.40 36.98	0.99	YES							74.00 74.00	1.00	YES	24.00 24.00	1.00	YES

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria	
Eighteenth	R3	Residential	Bedroom	W7	Existing Proposed	38.57 33.42	0.87	YES	75°N				*North	*North	*North	*North									
Eighteenth	R4	Residential	Bedroom	W8	Existing Proposed	38.75 32.43	0.84	YES	69°N	38.57 33.42	0.87	YES		*North	*North	*North	*North			*North	*North		*North	*North	
Eighteenth	R5	Residential	LKD	W9	Existing Proposed	38.90 31.02	0.80	YES	60°N	38.75 32.43	0.84	YES		*North	*North	*North	*North			*North	*North		*North	*North	
Eighteenth	R5	Residential	LKD	W10	Existing Proposed	38.96 30.55	0.78	YES	57°N				*North	*North	*North	*North									
Eighteenth	R6	Residential	Bedroom	W11	Existing Proposed	38.74 29.46	0.76	YES	49°N	38.94 30.72	0.79	YES		*North	*North	*North	*North			*North	*North		*North	*North	
Eighteenth	R6	Residential	Bedroom	W12	Existing Proposed	38.49 29.02	0.75	YES	46°N				*North	*North	*North	*North									
Eighteenth	R7	Residential	Bedroom	W13	Existing Proposed	29.63 20.40	0.69	NO	41°N	38.64 29.28	0.76	YES		*North	*North	*North	*North			*North	*North		*North	*North	
Eighteenth	R7	Residential	Bedroom	W14	Existing Proposed	33.25 24.08	0.72	NO	36°N				*North	*North	*North	*North									
Eighteenth	R8	Residential	LKD	W15	Existing Proposed	31.58 24.37	0.77	NO	84°N	31.88 22.63	0.71	NO		*North	*North	*North	*North			*North	*North		*North	*North	
Eighteenth	R8	Residential	LKD	W17	Existing Proposed	35.25 27.41	0.78	YES	84°N				*North	*North	*North	*North									
Eighteenth	R9	Residential	LKD	W16	Existing Proposed	36.88 28.10	0.76	YES	84°N	33.85 26.25	0.78	NO		*North	*North	*North	*North			*North	*North		*North	*North	
Eighteenth	R10	Residential	LKD	W18	Existing Proposed	36.82 33.00	0.90	YES	344°N	36.88 28.10	0.76	YES		*North	*North	*North	*North			*North	*North		*North	*North	
Eighteenth	R10	Residential	LKD	W19	Existing Proposed	38.63 26.66	0.69	NO	64°N				*North	*North	*North	*North									
Eighteenth	R10	Residential	LKD	W20	Existing Proposed	38.90 28.52	0.73	YES	24°N				*North	*North	*North	*North									
Eighteenth	R10	Residential	LKD	W21	Existing Proposed	28.07 27.22	0.97	YES	324°N				*North	*North	*North	*North									
						36.97 29.14	0.79	YES											*North	*North		*North	*North		
Nineteenth	R1	Residential	LKD	W1	Existing Proposed	38.30 38.30	1.00	YES	200°				84.00 84.00	1.00	YES	28.00 28.00	1.00	YES							
Nineteenth	R1	Residential	LKD	W2	Existing Proposed	37.79 37.79	1.00	YES	168°				86.00 86.00	1.00	YES	28.00 28.00	1.00	YES							
Nineteenth	R1	Residential	LKD	W3	Existing Proposed	37.63 37.63	1.00	YES	152°				81.00 81.00	1.00	YES	27.00 27.00	1.00	YES							
Nineteenth	R2	Residential	LKD	W4	Existing Proposed	37.57 37.57	1.00	YES	136°	37.79 37.79	1.00	YES	74.00 74.00	1.00	YES	24.00 24.00	1.00	YES	96.00 96.00	1.00	YES	28.00 28.00	1.00	YES	
Nineteenth	R2	Residential	LKD	W5	Existing Proposed	37.68 37.57	1.00	YES	120°				67.00 67.00	1.00	YES	22.00 22.00	1.00	YES							
Nineteenth	R2	Residential	LKD	W6	Existing Proposed	38.40 35.72	0.93	YES	87°N				*North	*North	*North	*North									
Nineteenth	R3	Residential	Bedroom	W7	Existing Proposed	38.77 34.08	0.88	YES	75°N	37.72 37.35	0.99	YES		*North	*North	*North	*North			74.00 74.00	1.00	YES	24.00 24.00	1.00	YES
Nineteenth	R4	Residential	Bedroom	W8	Existing Proposed	38.93 33.15	0.85	YES	69°N	38.77 34.08	0.88	YES		*North	*North	*North	*North				*North	*North		*North	*North
Nineteenth	R5	Residential	LKD	W9	Existing Proposed	39.06 31.84	0.82	YES	60°N	38.93 33.15	0.85	YES		*North	*North	*North	*North			*North	*North		*North	*North	
Nineteenth	R5	Residential	LKD	W10	Existing Proposed	39.11 31.40	0.80	YES	57°N				*North	*North	*North	*North									
Nineteenth	R6	Residential	Bedroom	W11	Existing Proposed	38.94 30.41	0.78	YES	49°N	39.09 31.56	0.81	YES		*North	*North	*North	*North			*North	*North		*North	*North	
Nineteenth	R6	Residential	Bedroom	W12	Existing Proposed	38.73 30.02	0.78	YES	46°N				*North	*North	*North	*North									
Nineteenth	R7	Residential	Bedroom	W13	Existing Proposed	30.50 21.99	0.72	NO	41°N	38.86 30.25	0.78	YES		*North	*North	*North	*North			*North	*North		*North	*North	
Nineteenth	R7	Residential	Bedroom	W14	Existing Proposed	34.14 25.58	0.75	NO	36°N				*North	*North	*North	*North									
Nineteenth	R8	Residential	LKD	W15	Existing Proposed	33.11 26.48	0.80	YES	84°N	32.70 24.16	0.74	NO		*North	*North	*North	*North			*North	*North		*North	*North	
Nineteenth	R8	Residential	LKD	W17	Existing Proposed	36.38 29.14	0.80	YES	84°N				*North	*North	*North	*North									
Nineteenth	R9	Residential	LKD	W16	Existing Proposed	37.59 29.44	0.78	YES	84°N	35.13 28.12	0.80	YES		*North	*North	*North	*North			*North	*North		*North	*North	
Nineteenth	R10	Residential	LKD	W18	Existing Proposed	37.07 33.45	0.90	YES	344°N	37.59 29.44	0.78	YES		*North	*North	*North	*North			*North	*North		*North	*North	
Nineteenth	R10	Residential	LKD	W19	Existing Proposed	38.77 27.54	0.71	YES	64°N				*North	*North	*North	*North									
Nineteenth	R10	Residential	LKD	W20	Existing Proposed	39.01 29.22	0.75	YES	24°N				*North	*North	*North	*North									
Nineteenth	R10	Residential	LKD	W21	Existing Proposed	28.31 27.51	0.97	YES	324°N				*North	*North	*North	*North									
						37.14 29.78	0.80	YES											*North	*North		*North	*North		
Twentieth	R1	Residential	LKD	W1	Existing Proposed	38.49 38.49	1.00	YES	199°				81.00 81.00	1.00	YES	28.00 28.00	1.00	YES							
Twentieth	R1	Residential	LKD	W2	Existing Proposed	37.73 37.73	1.00	YES	173°				83.00 83.00	1.00	YES	28.00 28.00	1.00	YES							
Twentieth	R1	Residential	LKD	W3	Existing Proposed	37.52 37.52	1.00	YES	144°				78.00 78.00	1.00	YES	27.00 27.00	1.00	YES							
Twentieth	R1	Residential	LKD	W4	Existing Proposed	37.72 37.50	0.99	YES	114°				62.00 62.00	1.00	YES	20.00 20.00	1.00	YES							
Twentieth	R1	Residential	LKD	W5	Existing Proposed	38.57 36.14	0.94	YES	88°N				*North	*North	*North	*North									
Twentieth	R2	Residential	Bedroom	W6	Existing Proposed	38.93 34.71	0.89	YES	75°N	37.78 37.54	0.99	YES		*North	*North	*North	*North			97.00 97.00	1.00	YES	28.00 28.00	1.00	YES
Twentieth	R2	Residential	Bedroom	W7	Existing Proposed	39.07 33.97	0.87	YES	68°N				*North	*North	*North	*North									
Twentieth	R3	Residential	LKD	W8	Existing Proposed	39.19 32.74	0.84	YES	59°N	38.98 34.46	0.88	YES		*North	*North	*North	*North			*North	*North		*North	*North	
Twentieth	R3	Residential	LKD	W9	Existing Proposed	39.13 32.04	0.82	YES	53°N				*North	*North	*North	*North									
Twentieth	R3	Residential	LKD	W10	Existing Proposed	38.93 31.53	0.81	YES	49°N				*North	*North	*North	*North									
Twentieth	R4	Residential	Bedroom	W11	Existing Proposed	37.67 29.94	0.79	YES	41°N	39.11 32.25	0.82	YES		*North	*North	*North	*North			*North	*North		*North	*North	
Twentieth	R4	Residential	Bedroom	W12	Existing Proposed	35.78 27.99	0.78	YES	36°N				*North	*North	*North	*North									
Twentieth	R5	Residential	LKD	W13	Existing Proposed	34.89 28.89	0.83	YES	84°N	36.53 28.76	0.79	YES		*North	*North	*North	*North			*North	*North		*North	*North	
Twentieth	R5	Residential	LKD	W15	Existing Proposed	37.55 30.97	0.82	YES	84°N				*North	*North	*North	*North									

Project Name: Harlech Court Project No.: 18-00369-009 Report Title: Daylight & Sunlight Analysis - Neighbour Date of Analysis: 11/06/2024																								
Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria	
Twentieth	R6	Residential	LKD	W14	Existing Proposed	38.34 30.89	0.81	YES	84°N	30.18			*North	*North		*North	*North		*North	*North		*North	*North	
Twentieth	R7	Residential	LKD	W16	Existing Proposed	37.41 34.01	0.91	YES	344°N	38.34 30.89	0.81	YES		*North	*North		*North	*North		*North	*North		*North	*North
Twentieth	R7	Residential	LKD	W17	Existing Proposed	38.88 28.51	0.73	YES	64°N				*North	*North		*North	*North							
Twentieth	R7	Residential	LKD	W18	Existing Proposed	39.40 30.00	0.77	YES	24°N				*North	*North		*North	*North							
Twentieth	R7	Residential	LKD	W19	Existing Proposed	28.77 28.03	0.97	YES	324°N				*North	*North		*North	*North							
						37.35 30.52	0.82	YES											*North	*North		*North	*North	
Twenty First	R1	Residential	LKD	W1	Existing Proposed	38.68 38.68	1.00	YES	196°			86.00 86.00	1.00 1.00	YES YES	29.00 29.00	1.00 1.00	YES YES							
Twenty First	R1	Residential	LKD	W2	Existing Proposed	38.64 38.64	1.00	YES	193°			86.00 86.00	1.00 1.00	YES YES	29.00 29.00	1.00 1.00	YES YES							
Twenty First	R1	Residential	LKD	W3	Existing Proposed	38.50 38.50	1.00	YES	181°			87.00 87.00	1.00 1.00	YES YES	29.00 29.00	1.00 1.00	YES YES							
Twenty First	R1	Residential	LKD	W4	Existing Proposed	37.75 37.75	1.00	YES	144°			78.00 78.00	1.00 1.00	YES YES	27.00 27.00	1.00 1.00	YES YES							
Twenty First	R1	Residential	LKD	W5	Existing Proposed	38.49 37.87	0.98	YES	107°			59.00 59.00	1.00 1.00	YES YES	19.00 19.00	1.00 1.00	YES YES							

Project Name: Harlech Court
Project No.: 19-00380-02b
Report Title: Daylight & Sunlight Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.		VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	Room VSC	Pr/Ex	Meets BRE Criteria	Annual	Pr/Ex	Meets BRE Criteria	Winter	Pr/Ex	Meets BRE Criteria	Total Suns per Room Annual	Pr/Ex	Meets BRE Criteria	Total Suns per Room Winter	Pr/Ex	Meets BRE Criteria
Twenty First	R1	Residential	LKD	W6	Existing Proposed	38.64 37.21	0.96 YES	YES	95°				51.00 51.00	1.00 1.00	YES YES	14.00 14.00	1.00 1.00	YES YES						
Twenty First	R1	Residential	LKD	W7	Existing Proposed	38.70 36.98	0.96 YES	YES	92°				49.00 49.00	1.00 1.00	YES YES	14.00 14.00	1.00 1.00	YES YES						
Twenty First	R1	Residential	LKD	W8	Existing Proposed	39.01 35.41	0.91 YES	YES	75°N				41.00 41.00	*North *North	*North *North	9.00 9.00	*North *North	*North *North						
Twenty First	R1	Residential	LKD	W9	Existing Proposed	39.05 35.38	0.91 YES	YES	75°N				41.00 41.00	*North *North	*North *North	9.00 9.00	*North *North	*North *North						
Twenty First	R2	Residential	Bedroom	W10	Existing Proposed	39.25 34.08	0.87 YES	YES	60°N	38.44 37.64	0.98 YES	YES			*North *North	*North *North	*North *North	*North *North				97.00 97.00	1.00 YES	YES
Twenty First	R2	Residential	Bedroom	W11	Existing Proposed	39.25 33.89	0.86 YES	YES	60°N						*North *North	*North *North	*North *North	*North *North				29.00 29.00	1.00 YES	YES
Twenty First	R4	Residential	Bedroom	W14	Existing Proposed	38.65 32.24	0.83 YES	YES	44°N	39.25 33.98	0.87 YES	YES			*North *North	*North *North	*North *North	*North *North				*North *North	*North *North	*North *North
Twenty First	R4	Residential	Bedroom	W15	Existing Proposed	36.48 29.82	0.82 YES	YES	38°N						*North *North	*North *North	*North *North	*North *North						
Twenty First	R4	Residential	Bedroom	W16	Existing Proposed	38.11 31.61	0.83 YES	YES	42°N						*North *North	*North *North	*North *North	*North *North						
Twenty First	R5	Residential	LKD	W17	Existing Proposed	37.76 32.45	0.86 YES	YES	84°N	37.19 30.61	0.82 YES	YES			*North *North	*North *North	*North *North	*North *North				*North *North	*North *North	*North *North
Twenty First	R5	Residential	LKD	W19	Existing Proposed	38.62 32.76	0.85 YES	YES	84°N						*North *North	*North *North	*North *North	*North *North						
Twenty First	R6	Residential	LKD	W18	Existing Proposed	38.87 32.19	0.83 YES	YES	84°N	38.29 32.64	0.85 YES	YES			*North *North	*North *North	*North *North	*North *North				*North *North	*North *North	*North *North
Twenty First	R7	Residential	LKD	W20	Existing Proposed	37.86 34.72	0.92 YES	YES	344°N	38.87 32.19	0.83 YES	YES			*North *North	*North *North	*North *North	*North *North				*North *North	*North *North	*North *North
Twenty First	R7	Residential	LKD	W21	Existing Proposed	34.04 33.20	0.98 YES	YES	324°N						*North *North	*North *North	*North *North	*North *North						
Twenty First	R7	Residential	LKD	W22	Existing Proposed	38.95 29.54	0.76 YES	YES	64°N						*North *North	*North *North	*North *North	*North *North						
Twenty First	R7	Residential	LKD	W23	Existing Proposed	39.16 30.84	0.79 YES	YES	24°N	37.01 32.23	0.87 YES	YES			*North *North	*North *North	*North *North	*North *North				*North *North	*North *North	*North *North
Twenty Second	R1	Residential	LKD	W1	Existing Proposed	33.37 33.31	1.00 YES	YES	144°				62.00 61.00	0.98 *North	YES *North	15.00 15.00	1.00 *North	YES *North						
Twenty Second	R1	Residential	LKD	W2	Existing Proposed	38.95 33.99	0.87 YES	YES	84°N				47.00 46.00	*North *North	*North *North	13.00 13.00	*North *North	*North *North						
Twenty Second	R1	Residential	LKD	W3	Existing Proposed	39.11 32.41	0.83 YES	YES	67°N				38.00 37.00	*North *North	*North *North	9.00 9.00	*North *North	*North *North						
Twenty Second	R1	Residential	LKD	W4	Existing Proposed	39.15 32.70	0.84 YES	YES	27°N				18.00 17.00	*North *North	*North *North	2.00 2.00	*North *North	*North *North						
Twenty Second	R1	Residential	LKD	W5	Existing Proposed	35.16 32.18	0.92 YES	YES	347°N				2.00 1.00	*North *North	*North *North	0.00 0.00	*North *North	*North *North						
Twenty Second	R1	Residential	LKD	W6	Existing Proposed	24.49 23.77	0.97 YES	YES	324°N				0.00 0.00	*North *North	*North *North	0.00 0.00	*North *North	*North *North						
										35.67 32.13	0.90 YES	YES							62.00 61.00	0.98 YES	YES	15.00 15.00	1.00 YES	YES

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
Unite Students-Ty Pont Haearn									
Third	R1	Higher Education	LKD	Area m2	22.45	18.24	18.16	1.00	YES
				% of room		81.25%	80.88%		
	R2	Higher Education	Bedroom	Area m2	9.63	8.32	7.11	0.86	YES
				% of room		86.38%	73.87%		
	R3	Higher Education	Bedroom	Area m2	9.63	7.91	5.92	0.75	NO
				% of room		82.14%	61.44%		
	R4	Higher Education	Bedroom	Area m2	9.63	8.48	7.51	0.89	YES
				% of room		88.07%	78.00%		
	R5	Higher Education	Bedroom	Area m2	9.63	8.74	5.84	0.67	NO
				% of room		90.81%	60.68%		
	R6	Higher Education	Bedroom	Area m2	9.75	7.85	5.87	0.75	NO
				% of room		80.49%	60.15%		
	R7	Higher Education	Bedroom	Area m2	18.64	18.16	17.44	0.96	YES
				% of room		97.46%	93.58%		
	R8	Higher Education	LKD	Area m2	20.08	14.33	10.53	0.73	NO
				% of room		71.35%	52.42%		
	R9	Higher Education	Bedroom	Area m2	13.05	8.91	7.54	0.85	YES
				% of room		68.29%	57.77%		
	R10	Higher Education	Bedroom	Area m2	9.62	5.04	4.19	0.83	YES
				% of room		52.41%	43.59%		
	R11	Higher Education	Bedroom	Area m2	9.62	5.60	4.90	0.88	YES
				% of room		58.15%	50.91%		
	R12	Higher Education	Bedroom	Area m2	9.62	8.33	5.80	0.70	NO
				% of room		86.59%	60.31%		
	R13	Higher Education	Bedroom	Area m2	9.62	2.22	2.04	0.92	YES
				% of room		23.09%	21.25%		
	R14	Higher Education	Bedroom	Area m2	16.62	1.80	1.80	1.00	YES
				% of room		10.83%	10.83%		
	R15	Higher Education	LKD	Area m2	83.86	65.24	65.24	1.00	YES
				% of room		77.79%	77.79%		
	R17	Higher Education	Bedroom	Area m2	9.87	9.63	9.59	1.00	YES
				% of room		97.60%	97.13%		
	R18	Higher Education	Bedroom	Area m2	10.48	10.24	10.12	0.99	YES
				% of room		97.69%	96.60%		
	R19	Higher Education	Bedroom	Area m2	11.72	10.90	10.87	1.00	YES
				% of room		93.04%	92.77%		
	R20	Higher Education	Bedroom	Area m2	20.27	18.05	18.05	1.00	YES
				% of room		89.02%	89.02%		
	R21	Higher Education	Bedroom	Area m2	9.49	7.50	5.93	0.79	NO
				% of room		78.98%	62.49%		
	R22	Higher Education	Bedroom	Area m2	9.49	8.85	8.38	0.95	YES
				% of room		93.17%	88.28%		
	R23	Higher Education	Bedroom	Area m2	9.49	7.21	6.06	0.84	YES
				% of room		75.96%	63.80%		
	R24	Higher Education	Bedroom	Area m2	9.49	7.86	6.61	0.84	YES
				% of room		82.75%	69.60%		
	R25	Higher Education	Bedroom	Area m2	9.49	6.95	6.23	0.90	YES
				% of room		73.17%	65.61%		
	R26	Higher Education	Bedroom	Area m2	9.49	8.54	7.36	0.86	YES
				% of room		89.90%	77.56%		
Fourth	R1	Higher Education	LKD	Area m2	22.45	18.39	18.22	0.99	YES
				% of room		81.93%	81.14%		
	R2	Higher Education	Bedroom	Area m2	9.63	8.49	7.33	0.86	YES
				% of room		88.12%	76.10%		
Fourth	R3	Higher Education	Bedroom	Area m2	9.63	8.10	6.14	0.76	NO
				% of room		84.12%	63.77%		
Fourth	R4	Higher Education	Bedroom	Area m2	9.63	8.56	7.75	0.90	YES

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R5	Higher Education	Bedroom	% of room Area m2	9.63	88.95% 8.90	80.48% 6.11	0.69	NO
	R6	Higher Education	Bedroom	% of room Area m2	9.75	92.42% 7.93	63.42% 6.13	0.77	NO
	R7	Higher Education	Bedroom	% of room Area m2 % of room	18.64	81.26% 18.17 97.51%	62.85% 17.50 93.91%	0.96	YES

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R8	Higher Education	LKD	Area m2	20.08	14.48	10.90	0.75	NO
				% of room		72.12%	54.25%		
	R9	Higher Education	Bedroom	Area m2	13.05	9.05	7.88	0.87	YES
				% of room		69.33%	60.34%		
	R10	Higher Education	Bedroom	Area m2	9.62	5.29	4.39	0.83	YES
				% of room		54.95%	45.58%		
	R11	Higher Education	Bedroom	Area m2	9.62	5.78	5.06	0.88	YES
				% of room		60.06%	52.59%		
	R12	Higher Education	Bedroom	Area m2	9.62	8.51	5.94	0.70	NO
				% of room		88.43%	61.72%		
	R13	Higher Education	Bedroom	Area m2	9.62	2.26	2.08	0.92	YES
				% of room		23.44%	21.63%		
	R14	Higher Education	Bedroom	Area m2	16.62	2.04	2.04	1.00	YES
				% of room		12.29%	12.29%		
	R15	Higher Education	LKD	Area m2	83.86	66.19	66.19	1.00	YES
				% of room		78.93%	78.93%		
	R17	Higher Education	Bedroom	Area m2	9.87	9.68	9.63	1.00	YES
				% of room		98.03%	97.60%		
	R18	Higher Education	Bedroom	Area m2	10.48	10.24	10.13	0.99	YES
				% of room		97.72%	96.67%		
	R19	Higher Education	Bedroom	Area m2	11.72	11.07	11.04	1.00	YES
				% of room		94.47%	94.21%		
	R20	Higher Education	Bedroom	Area m2	20.27	18.09	18.09	1.00	YES
				% of room		89.22%	89.22%		
	R21	Higher Education	Bedroom	Area m2	9.49	7.68	5.98	0.78	NO
				% of room		80.93%	62.99%		
	R22	Higher Education	Bedroom	Area m2	9.49	8.93	8.45	0.95	YES
				% of room		94.08%	89.02%		
	R23	Higher Education	Bedroom	Area m2	9.49	7.43	6.12	0.82	YES
				% of room		78.29%	64.42%		
	R24	Higher Education	Bedroom	Area m2	9.49	8.04	6.69	0.83	YES
				% of room		84.65%	70.50%		
	R25	Higher Education	Bedroom	Area m2	9.49	7.11	6.29	0.89	YES
				% of room		74.89%	66.28%		
	R26	Higher Education	Bedroom	Area m2	9.49	8.68	7.46	0.86	YES
				% of room		91.45%	78.63%		
Fifth	R1	Higher Education	LKD	Area m2	22.45	18.54	18.26	0.99	YES
				% of room		82.56%	81.33%		
	R2	Higher Education	Bedroom	Area m2	9.63	8.68	7.63	0.88	YES
				% of room		90.15%	79.20%		
	R3	Higher Education	Bedroom	Area m2	9.63	8.31	6.44	0.78	NO
				% of room		86.32%	66.89%		
	R4	Higher Education	Bedroom	Area m2	9.63	8.68	8.01	0.92	YES
				% of room		90.15%	83.14%		
	R5	Higher Education	Bedroom	Area m2	9.63	9.01	6.46	0.72	NO
				% of room		93.53%	67.10%		
	R6	Higher Education	Bedroom	Area m2	9.75	8.13	6.49	0.80	YES
				% of room		83.39%	66.58%		
	R7	Higher Education	Bedroom	Area m2	18.64	18.21	17.52	0.96	YES
				% of room		97.73%	94.02%		
	R8	Higher Education	LKD	Area m2	20.08	14.69	11.31	0.77	NO
				% of room		73.13%	56.30%		
	R9	Higher Education	Bedroom	Area m2	13.05	9.19	8.23	0.90	YES
				% of room		70.41%	63.03%		
	R10	Higher Education	Bedroom	Area m2	9.62	5.61	4.62	0.82	YES
				% of room		58.32%	48.02%		
	R11	Higher Education	Bedroom	Area m2	9.62	5.99	5.19	0.87	YES
				% of room		62.20%	53.92%		
	R12	Higher Education	Bedroom	Area m2	9.62	8.63	6.06	0.70	NO
				% of room		89.72%	62.96%		

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R13	Higher Education	Bedroom	Area m2	9.62	2.27	2.10	0.92	YES
				% of room		23.61%	21.83%		
	R14	Higher Education	Bedroom	Area m2	16.62	2.34	2.34	1.00	YES
				% of room		14.07%	14.07%		
	R15	Higher Education	LKD	Area m2	83.86	66.92	66.92	1.00	YES
				% of room		79.80%	79.80%		
	R17	Higher Education	Bedroom	Area m2	9.87	9.69	9.65	1.00	YES
				% of room		98.17%	97.77%		
	R18	Higher Education	Bedroom	Area m2	10.48	10.24	10.13	0.99	YES
				% of room		97.70%	96.64%		
	R19	Higher Education	Bedroom	Area m2	11.72	11.29	11.26	1.00	YES
				% of room		96.36%	96.10%		
	R20	Higher Education	Bedroom	Area m2	20.27	18.20	18.20	1.00	YES
				% of room		89.79%	89.79%		
	R21	Higher Education	Bedroom	Area m2	9.49	7.83	6.08	0.78	NO
				% of room		82.43%	64.04%		
	R22	Higher Education	Bedroom	Area m2	9.49	8.99	8.53	0.95	YES
				% of room		94.74%	89.85%		
	R23	Higher Education	Bedroom	Area m2	9.49	7.58	6.20	0.82	YES
				% of room		79.83%	65.36%		
	R24	Higher Education	Bedroom	Area m2	9.49	8.14	6.79	0.83	YES
				% of room		85.76%	71.54%		
	R25	Higher Education	Bedroom	Area m2	9.49	7.28	6.39	0.88	YES
				% of room		76.63%	67.27%		
	R26	Higher Education	Bedroom	Area m2	9.49	8.76	7.56	0.86	YES
				% of room		92.23%	79.64%		
Sixth	R1	Higher Education	LKD	Area m2	22.45	18.77	18.29	0.97	YES
				% of room		83.62%	81.48%		
	R2	Higher Education	Bedroom	Area m2	9.63	8.86	8.02	0.91	YES
				% of room		91.96%	83.31%		
	R3	Higher Education	Bedroom	Area m2	9.63	8.58	6.85	0.80	YES
				% of room		89.06%	71.15%		
	R4	Higher Education	Bedroom	Area m2	9.63	8.84	8.36	0.95	YES
				% of room		91.83%	86.83%		
	R5	Higher Education	Bedroom	Area m2	9.63	9.15	6.86	0.75	NO
				% of room		95.03%	71.25%		
	R6	Higher Education	Bedroom	Area m2	9.75	8.37	6.93	0.83	YES
				% of room		85.78%	71.02%		
	R7	Higher Education	Bedroom	Area m2	18.64	18.26	17.61	0.96	YES
				% of room		97.96%	94.50%		
	R8	Higher Education	LKD	Area m2	20.08	14.89	11.72	0.79	NO
				% of room		74.16%	58.35%		
	R9	Higher Education	Bedroom	Area m2	13.05	9.28	8.43	0.91	YES
				% of room		71.13%	64.58%		
	R10	Higher Education	Bedroom	Area m2	9.62	5.95	4.83	0.81	YES
				% of room		61.86%	50.20%		
	R11	Higher Education	Bedroom	Area m2	9.62	6.15	5.37	0.87	YES
				% of room		63.95%	55.78%		
	R12	Higher Education	Bedroom	Area m2	9.62	8.69	6.08	0.70	NO
				% of room		90.30%	63.21%		
	R13	Higher Education	Bedroom	Area m2	9.62	2.29	2.12	0.93	YES
				% of room		23.84%	22.07%		
	R14	Higher Education	Bedroom	Area m2	16.62	2.72	2.72	1.00	YES
				% of room		16.34%	16.34%		
	R15	Higher Education	LKD	Area m2	83.86	67.85	67.85	1.00	YES
				% of room		80.91%	80.91%		
	R17	Higher Education	Bedroom	Area m2	9.87	9.69	9.66	1.00	YES
				% of room		98.18%	97.82%		
	R18	Higher Education	Bedroom	Area m2	10.48	10.24	10.13	0.99	YES
				% of room		97.72%	96.70%		

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Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R19	Higher Education	Bedroom	Area m2	11.72	11.33	11.30	1.00	YES
				% of room		96.71%	96.46%		
	R20	Higher Education	Bedroom	Area m2	20.27	18.29	18.29	1.00	YES
				% of room		90.23%	90.23%		
	R21	Higher Education	Bedroom	Area m2	9.49	7.97	6.21	0.78	NO
				% of room		83.93%	65.44%		
	R22	Higher Education	Bedroom	Area m2	9.49	9.01	8.64	0.96	YES
				% of room		94.95%	90.95%		
	R23	Higher Education	Bedroom	Area m2	9.49	7.74	6.32	0.82	YES
				% of room		81.48%	66.53%		
	R24	Higher Education	Bedroom	Area m2	9.49	8.27	6.92	0.84	YES
				% of room		87.07%	72.91%		
	R25	Higher Education	Bedroom	Area m2	9.49	7.48	6.51	0.87	YES
				% of room		78.81%	68.57%		
	R26	Higher Education	Bedroom	Area m2	9.49	8.82	7.70	0.87	YES
				% of room		92.89%	81.10%		
Seventh	R1	Higher Education	LKD	Area m2	22.45	19.11	18.33	0.96	YES
				% of room		85.14%	81.64%		
	R2	Higher Education	Bedroom	Area m2	9.63	8.92	8.34	0.93	YES
				% of room		92.61%	86.56%		
	R3	Higher Education	Bedroom	Area m2	9.63	8.77	7.33	0.83	YES
				% of room		91.13%	76.08%		
	R4	Higher Education	Bedroom	Area m2	9.63	9.07	8.64	0.95	YES
				% of room		94.24%	89.76%		
	R5	Higher Education	Bedroom	Area m2	9.63	9.30	7.32	0.79	NO
				% of room		96.62%	75.97%		
	R6	Higher Education	Bedroom	Area m2	9.75	8.61	7.35	0.85	YES
				% of room		88.33%	75.34%		
	R7	Higher Education	Bedroom	Area m2	18.64	18.29	17.76	0.97	YES
				% of room		98.15%	95.27%		
	R8	Higher Education	LKD	Area m2	20.08	15.26	12.37	0.81	YES
				% of room		76.00%	61.58%		
	R9	Higher Education	Bedroom	Area m2	13.05	9.41	8.55	0.91	YES
				% of room		72.08%	65.54%		
	R10	Higher Education	Bedroom	Area m2	9.62	6.33	5.08	0.80	YES
				% of room		65.75%	52.78%		
	R11	Higher Education	Bedroom	Area m2	9.62	6.40	5.60	0.87	YES
				% of room		66.50%	58.16%		
	R12	Higher Education	Bedroom	Area m2	9.62	8.74	6.17	0.71	NO
				% of room		90.79%	64.10%		
	R13	Higher Education	Bedroom	Area m2	9.62	2.34	2.17	0.93	YES
				% of room		24.33%	22.58%		
	R14	Higher Education	Bedroom	Area m2	16.62	3.30	3.30	1.00	YES
				% of room		19.85%	19.85%		
	R15	Higher Education	LKD	Area m2	83.86	68.97	68.97	1.00	YES
				% of room		82.24%	82.24%		
	R17	Higher Education	Bedroom	Area m2	9.87	9.69	9.65	1.00	YES
				% of room		98.14%	97.81%		
	R18	Higher Education	Bedroom	Area m2	10.48	10.24	10.13	0.99	YES
				% of room		97.70%	96.67%		
	R19	Higher Education	Bedroom	Area m2	11.72	11.34	11.31	1.00	YES
				% of room		96.73%	96.49%		
	R20	Higher Education	Bedroom	Area m2	20.27	18.71	18.71	1.00	YES
				% of room		92.31%	92.31%		
	R21	Higher Education	Bedroom	Area m2	9.49	8.19	6.29	0.77	NO
				% of room		86.32%	66.22%		
	R22	Higher Education	Bedroom	Area m2	9.49	9.06	8.75	0.97	YES
				% of room		95.39%	92.12%		
	R23	Higher Education	Bedroom	Area m2	9.49	7.94	6.45	0.81	YES
				% of room		83.59%	67.90%		

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R24	Higher Education	Bedroom	Area m2	9.49	8.39	7.02	0.84	YES
				% of room		88.42%	73.96%		
	R25	Higher Education	Bedroom	Area m2	9.49	7.64	6.67	0.87	YES
				% of room		80.43%	70.26%		
	R26	Higher Education	Bedroom	Area m2	9.49	8.90	7.83	0.88	YES
				% of room		93.74%	82.52%		
Eighth	R1	Higher Education	LKD	Area m2	22.45	19.61	18.41	0.94	YES
				% of room		87.36%	81.99%		
	R2	Higher Education	Bedroom	Area m2	9.63	8.98	8.46	0.94	YES
				% of room		93.22%	87.83%		
	R3	Higher Education	Bedroom	Area m2	9.63	9.26	7.97	0.86	YES
				% of room		96.12%	82.79%		
	R4	Higher Education	Bedroom	Area m2	9.63	9.14	8.73	0.96	YES
				% of room		94.88%	90.67%		
	R5	Higher Education	Bedroom	Area m2	9.63	9.42	7.75	0.82	YES
				% of room		97.82%	80.53%		
	R6	Higher Education	Bedroom	Area m2	9.75	8.77	7.57	0.86	YES
				% of room		89.87%	77.57%		
	R7	Higher Education	Bedroom	Area m2	18.64	18.32	17.99	0.98	YES
				% of room		98.29%	96.51%		
	R8	Higher Education	LKD	Area m2	20.08	15.72	13.01	0.83	YES
				% of room		78.26%	64.80%		
	R9	Higher Education	Bedroom	Area m2	13.05	9.53	8.79	0.92	YES
				% of room		73.04%	67.31%		
	R10	Higher Education	Bedroom	Area m2	9.62	6.94	5.50	0.79	NO
				% of room		72.10%	57.18%		
	R11	Higher Education	Bedroom	Area m2	9.62	6.69	5.93	0.89	YES
				% of room		69.50%	61.67%		
	R12	Higher Education	Bedroom	Area m2	9.62	8.79	6.15	0.70	NO
				% of room		91.36%	63.88%		
	R13	Higher Education	Bedroom	Area m2	9.62	2.50	2.33	0.93	YES
				% of room		25.94%	24.21%		
	R14	Higher Education	Bedroom	Area m2	16.62	4.18	4.18	1.00	YES
				% of room		25.13%	25.13%		
	R15	Higher Education	LKD	Area m2	83.86	70.66	70.66	1.00	YES
				% of room		84.26%	84.26%		
	R17	Higher Education	Bedroom	Area m2	9.87	9.69	9.66	1.00	YES
				% of room		98.15%	97.85%		
	R18	Higher Education	Bedroom	Area m2	10.48	10.24	10.14	0.99	YES
				% of room		97.73%	96.75%		
	R19	Higher Education	Bedroom	Area m2	11.72	11.34	11.31	1.00	YES
				% of room		96.77%	96.54%		
	R20	Higher Education	Bedroom	Area m2	20.27	19.31	19.31	1.00	YES
				% of room		95.27%	95.27%		
	R21	Higher Education	Bedroom	Area m2	9.49	8.44	6.39	0.76	NO
				% of room		88.93%	67.31%		
	R22	Higher Education	Bedroom	Area m2	9.49	9.06	8.84	0.98	YES
				% of room		95.41%	93.08%		
	R23	Higher Education	Bedroom	Area m2	9.49	8.19	6.61	0.81	YES
				% of room		86.23%	69.58%		
	R24	Higher Education	Bedroom	Area m2	9.49	8.48	7.22	0.85	YES
				% of room		89.35%	76.05%		
	R25	Higher Education	Bedroom	Area m2	9.49	7.81	6.87	0.88	YES
				% of room		82.22%	72.31%		
	R26	Higher Education	Bedroom	Area m2	9.49	8.96	8.03	0.90	YES
				% of room		94.42%	84.54%		
Ninth	R1	Higher Education	LKD	Area m2	22.45	20.40	18.45	0.90	YES
				% of room		90.87%	82.18%		
	R2	Higher Education	Bedroom	Area m2	9.63	8.94	8.36	0.93	YES
				% of room		92.85%	86.77%		

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R3	Higher Education	Bedroom	Area m2	9.63	9.40	8.36	0.89	YES
				% of room		97.58%	86.84%		
	R4	Higher Education	Bedroom	Area m2	9.63	9.16	8.73	0.95	YES
				% of room		95.12%	90.62%		
	R5	Higher Education	Bedroom	Area m2	9.63	9.45	8.17	0.86	YES
				% of room		98.16%	84.89%		
	R6	Higher Education	Bedroom	Area m2	9.75	8.85	7.60	0.86	YES
				% of room		90.78%	77.95%		
	R7	Higher Education	Bedroom	Area m2	18.64	18.27	18.17	0.99	YES
				% of room		98.02%	97.50%		
	R8	Higher Education	LKD	Area m2	20.08	16.24	13.62	0.84	YES
				% of room		80.89%	67.80%		
	R9	Higher Education	Bedroom	Area m2	13.05	9.77	8.99	0.92	YES
				% of room		74.82%	68.88%		
	R10	Higher Education	Bedroom	Area m2	9.62	7.52	6.06	0.81	YES
				% of room		78.14%	62.94%		
	R11	Higher Education	Bedroom	Area m2	9.62	6.92	6.27	0.91	YES
				% of room		71.93%	65.20%		
	R12	Higher Education	Bedroom	Area m2	9.62	8.79	6.14	0.70	NO
				% of room		91.37%	63.83%		
	R13	Higher Education	Bedroom	Area m2	9.62	2.80	2.63	0.94	YES
				% of room		29.08%	27.33%		
	R14	Higher Education	Bedroom	Area m2	16.62	5.36	5.32	0.99	YES
				% of room		32.23%	32.02%		
	R15	Higher Education	LKD	Area m2	83.86	72.27	72.26	1.00	YES
				% of room		86.17%	86.17%		
	R17	Higher Education	Bedroom	Area m2	9.87	9.69	9.66	1.00	YES
				% of room		98.17%	97.89%		
	R18	Higher Education	Bedroom	Area m2	10.48	10.24	10.14	0.99	YES
				% of room		97.73%	96.79%		
	R19	Higher Education	Bedroom	Area m2	11.72	11.34	11.32	1.00	YES
				% of room		96.79%	96.57%		
	R20	Higher Education	Bedroom	Area m2	20.27	19.71	19.71	1.00	YES
				% of room		97.25%	97.25%		
	R21	Higher Education	Bedroom	Area m2	9.49	8.77	6.54	0.75	NO
				% of room		92.32%	68.91%		
	R22	Higher Education	Bedroom	Area m2	9.49	9.08	8.92	0.98	YES
				% of room		95.59%	93.98%		
	R23	Higher Education	Bedroom	Area m2	9.49	8.45	6.77	0.80	YES
				% of room		89.04%	71.33%		
	R24	Higher Education	Bedroom	Area m2	9.49	8.56	7.41	0.87	YES
				% of room		90.13%	78.07%		
	R25	Higher Education	Bedroom	Area m2	9.49	7.97	7.03	0.88	YES
				% of room		83.96%	74.05%		
	R26	Higher Education	Bedroom	Area m2	9.49	9.05	8.23	0.91	YES
				% of room		95.29%	86.68%		
Tenth	R1	Higher Education	LKD	Area m2	22.85	18.28	15.63	0.85	YES
				% of room		79.99%	68.37%		
	R2	Higher Education	Bedroom	Area m2	13.05	10.16	9.43	0.93	YES
				% of room		77.81%	72.28%		
	R3	Higher Education	Bedroom	Area m2	9.62	8.13	6.49	0.80	YES
				% of room		84.45%	67.44%		
	R4	Higher Education	Bedroom	Area m2	9.62	6.89	6.00	0.87	YES
				% of room		71.64%	62.35%		
	R5	Higher Education	Bedroom	Area m2	9.62	8.77	6.18	0.70	NO
				% of room		91.17%	64.25%		
	R6	Higher Education	Bedroom	Area m2	9.62	3.66	3.57	0.98	YES
				% of room		38.01%	37.14%		
	R7	Higher Education	Bedroom	Area m2	16.62	6.87	6.79	0.99	YES
				% of room		41.30%	40.87%		

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R8	Higher Education	LKD	Area m2	83.86	73.81	73.74	1.00	YES
				% of room		88.01%	87.93%		
	R10	Higher Education	Bedroom	Area m2	9.87	9.69	9.66	1.00	YES
				% of room		98.18%	97.92%		
	R11	Higher Education	Bedroom	Area m2	10.48	10.24	10.15	0.99	YES
				% of room		97.73%	96.81%		
	R12	Higher Education	Bedroom	Area m2	11.72	11.34	11.32	1.00	YES
				% of room		96.80%	96.61%		
	R13	Higher Education	Bedroom	Area m2	20.27	19.84	19.84	1.00	YES
				% of room		97.86%	97.86%		
	R14	Higher Education	Bedroom	Area m2	9.49	9.04	6.75	0.75	NO
				% of room		95.22%	71.06%		
	R15	Higher Education	Bedroom	Area m2	9.49	9.18	9.09	0.99	YES
				% of room		96.64%	95.69%		
	R16	Higher Education	Bedroom	Area m2	9.49	8.79	7.01	0.80	YES
				% of room		92.61%	73.79%		
	R17	Higher Education	Bedroom	Area m2	9.49	8.68	7.67	0.88	YES
				% of room		91.40%	80.80%		
	R18	Higher Education	Bedroom	Area m2	9.49	8.15	7.26	0.89	YES
				% of room		85.83%	76.47%		
	R19	Higher Education	Bedroom	Area m2	9.49	9.17	8.42	0.92	YES
				% of room		96.58%	88.69%		
Eleventh	R1	Higher Education	LKD	Area m2	22.85	20.83	18.18	0.87	YES
				% of room		91.17%	79.57%		
	R2	Higher Education	Bedroom	Area m2	13.05	11.41	10.82	0.95	YES
				% of room		87.43%	82.86%		
	R3	Higher Education	Bedroom	Area m2	9.62	8.98	7.65	0.85	YES
				% of room		93.30%	79.51%		
	R4	Higher Education	Bedroom	Area m2	9.62	7.40	6.36	0.86	YES
				% of room		76.90%	66.11%		
	R5	Higher Education	Bedroom	Area m2	9.62	8.95	7.13	0.80	YES
				% of room		92.99%	74.10%		
	R6	Higher Education	Bedroom	Area m2	9.62	6.22	6.17	0.99	YES
				% of room		64.67%	64.10%		
	R7	Higher Education	Bedroom	Area m2	16.62	11.98	11.12	0.93	YES
				% of room		72.06%	66.88%		
	R8	Higher Education	LKD	Area m2	83.86	76.40	76.05	1.00	YES
				% of room		91.11%	90.68%		
	R10	Higher Education	Bedroom	Area m2	9.87	9.69	9.67	1.00	YES
				% of room		98.19%	97.93%		
	R11	Higher Education	Bedroom	Area m2	10.48	10.24	10.13	0.99	YES
				% of room		97.69%	96.66%		
	R12	Higher Education	Bedroom	Area m2	11.72	11.33	11.31	1.00	YES
				% of room		96.71%	96.47%		
	R13	Higher Education	Bedroom	Area m2	20.27	19.89	19.89	1.00	YES
				% of room		98.10%	98.10%		
	R14	Higher Education	Bedroom	Area m2	9.49	9.14	6.92	0.76	NO
				% of room		96.24%	72.91%		
	R15	Higher Education	Bedroom	Area m2	9.49	9.25	9.17	0.99	YES
				% of room		97.39%	96.58%		
	R16	Higher Education	Bedroom	Area m2	9.49	8.94	7.16	0.80	YES
				% of room		94.21%	75.37%		
	R17	Higher Education	Bedroom	Area m2	9.49	8.77	7.85	0.89	YES
				% of room		92.42%	82.70%		
	R18	Higher Education	Bedroom	Area m2	9.49	8.47	7.71	0.91	YES
				% of room		89.19%	81.16%		
	R19	Higher Education	Bedroom	Area m2	9.49	9.22	8.59	0.93	YES
				% of room		97.15%	90.44%		
Twelfth	R1	Higher Education	LKD	Area m2	22.85	21.49	18.88	0.88	YES
				% of room		94.02%	82.63%		

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R2	Higher Education	Bedroom	Area m2	13.05	12.09	11.54	0.95	YES
				% of room		92.59%	88.38%		
	R3	Higher Education	Bedroom	Area m2	9.62	9.41	8.28	0.88	YES
				% of room		97.75%	86.01%		
	R4	Higher Education	Bedroom	Area m2	9.62	9.47	9.39	0.99	YES
				% of room		98.37%	97.61%		
	R5	Higher Education	Bedroom	Area m2	9.62	9.20	8.10	0.88	YES
				% of room		95.58%	84.13%		
	R6	Higher Education	Bedroom	Area m2	9.62	9.44	9.44	1.00	YES
				% of room		98.12%	98.10%		
	R7	Higher Education	Bedroom	Area m2	16.62	15.04	14.44	0.96	YES
				% of room		90.48%	86.88%		
	R8	Higher Education	LKD	Area m2	83.86	79.31	78.56	0.99	YES
				% of room		94.57%	93.68%		
	R10	Higher Education	Bedroom	Area m2	9.87	9.68	9.64	1.00	YES
				% of room		98.07%	97.67%		
	R11	Higher Education	Bedroom	Area m2	10.48	10.23	10.13	0.99	YES
				% of room		97.60%	96.62%		
	R12	Higher Education	Bedroom	Area m2	11.72	11.33	11.31	1.00	YES
				% of room		96.64%	96.47%		
	R13	Higher Education	Bedroom	Area m2	20.27	19.85	19.85	1.00	YES
				% of room		97.93%	97.93%		
	R14	Higher Education	Bedroom	Area m2	9.49	9.14	6.84	0.75	NO
				% of room		96.23%	72.00%		
	R15	Higher Education	Bedroom	Area m2	9.49	9.25	9.15	0.99	YES
				% of room		97.47%	96.33%		
	R16	Higher Education	Bedroom	Area m2	9.49	9.04	7.14	0.79	NO
				% of room		95.23%	75.23%		
	R17	Higher Education	Bedroom	Area m2	9.49	8.94	8.03	0.90	YES
				% of room		94.19%	84.55%		
	R18	Higher Education	Bedroom	Area m2	9.49	8.78	7.86	0.89	YES
				% of room		92.47%	82.74%		
	R19	Higher Education	Bedroom	Area m2	9.49	9.09	8.23	0.91	YES
				% of room		95.75%	86.67%		
Thirteenth	R1	Higher Education	LKD	Area m2	22.85	21.89	19.27	0.88	YES
				% of room		95.78%	84.34%		
	R2	Higher Education	Bedroom	Area m2	13.05	12.26	11.74	0.96	YES
				% of room		93.91%	89.98%		
	R3	Higher Education	Bedroom	Area m2	9.62	9.47	8.51	0.90	YES
				% of room		98.39%	88.48%		
	R4	Higher Education	Bedroom	Area m2	9.62	9.50	9.44	0.99	YES
				% of room		98.75%	98.12%		
	R5	Higher Education	Bedroom	Area m2	9.62	9.21	8.14	0.88	YES
				% of room		95.70%	84.56%		
	R6	Higher Education	Bedroom	Area m2	9.62	9.46	9.46	1.00	YES
				% of room		98.32%	98.30%		
	R7	Higher Education	Bedroom	Area m2	16.62	15.05	14.71	0.98	YES
				% of room		90.52%	88.51%		
	R8	Higher Education	LKD	Area m2	40.27	39.55	39.55	1.00	YES
				% of room		98.21%	98.21%		
	R10	Higher Education	Bedroom	Area m2	13.48	13.42	13.41	1.00	YES
				% of room		99.50%	99.47%		
Fourteenth	R1	Higher Education	LKD	Area m2	22.85	22.00	19.67	0.89	YES
				% of room		96.27%	86.05%		
	R2	Higher Education	Bedroom	Area m2	13.05	12.26	11.93	0.97	YES
				% of room		93.92%	91.42%		
	R3	Higher Education	Bedroom	Area m2	9.62	9.47	8.76	0.93	YES
				% of room		98.39%	91.01%		
	R4	Higher Education	Bedroom	Area m2	9.62	9.50	9.47	1.00	YES
				% of room		98.76%	98.40%		

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R5	Higher Education	Bedroom	Area m2	9.62	9.22	8.16	0.88	YES
				% of room		95.79%	84.76%		
	R6	Higher Education	Bedroom	Area m2	9.62	9.47	9.47	1.00	YES
				% of room		98.40%	98.38%		
	R7	Higher Education	Bedroom	Area m2	16.62	15.05	14.85	0.99	YES
				% of room		90.52%	89.37%		
	R8	Higher Education	LKD	Area m2	40.27	39.55	39.55	1.00	YES
				% of room		98.20%	98.20%		
	R10	Higher Education	Bedroom	Area m2	13.48	13.42	13.41	1.00	YES
				% of room		99.50%	99.48%		
Fifteenth	R1	Higher Education	LKD	Area m2	22.85	22.00	20.00	0.91	YES
				% of room		96.27%	87.52%		
	R2	Higher Education	Bedroom	Area m2	13.05	12.26	12.04	0.98	YES
				% of room		93.92%	92.27%		
	R3	Higher Education	Bedroom	Area m2	9.62	9.47	8.89	0.94	YES
				% of room		98.39%	92.43%		
	R4	Higher Education	Bedroom	Area m2	9.62	9.50	9.48	1.00	YES
				% of room		98.76%	98.55%		
	R5	Higher Education	Bedroom	Area m2	9.62	9.23	8.17	0.89	YES
				% of room		95.89%	84.87%		
	R6	Higher Education	Bedroom	Area m2	9.62	9.47	9.47	1.00	YES
				% of room		98.45%	98.43%		
	R7	Higher Education	Bedroom	Area m2	16.62	15.04	14.94	0.99	YES
				% of room		90.51%	89.86%		
	R8	Higher Education	LKD	Area m2	40.27	39.55	39.55	1.00	YES
				% of room		98.20%	98.20%		
	R10	Higher Education	Bedroom	Area m2	13.48	13.42	13.41	1.00	YES
				% of room		99.50%	99.48%		
Sixteenth	R1	Higher Education	LKD	Area m2	22.85	22.00	20.23	0.92	YES
				% of room		96.27%	88.52%		
	R2	Higher Education	Bedroom	Area m2	13.05	12.26	12.08	0.99	YES
				% of room		93.92%	92.58%		
	R3	Higher Education	Bedroom	Area m2	9.62	9.47	8.97	0.95	YES
				% of room		98.39%	93.21%		
	R4	Higher Education	Bedroom	Area m2	9.62	9.50	9.48	1.00	YES
				% of room		98.76%	98.56%		
	R5	Higher Education	Bedroom	Area m2	9.62	9.23	8.17	0.89	YES
				% of room		95.95%	84.93%		
	R6	Higher Education	Bedroom	Area m2	9.62	9.48	9.48	1.00	YES
				% of room		98.50%	98.48%		
	R7	Higher Education	Bedroom	Area m2	16.62	15.05	14.95	0.99	YES
				% of room		90.53%	89.97%		
	R8	Higher Education	LKD	Area m2	40.27	39.55	39.55	1.00	YES
				% of room		98.21%	98.21%		
	R10	Higher Education	Bedroom	Area m2	13.48	13.42	13.41	1.00	YES
				% of room		99.50%	99.49%		
Seventeenth	R1	Higher Education	LKD	Area m2	22.85	22.00	20.34	0.92	YES
				% of room		96.27%	88.99%		
	R2	Higher Education	Bedroom	Area m2	13.05	12.26	12.09	0.99	YES
				% of room		93.93%	92.62%		
	R3	Higher Education	Bedroom	Area m2	9.62	9.47	9.00	0.95	YES
				% of room		98.38%	93.48%		
	R4	Higher Education	Bedroom	Area m2	9.62	9.50	9.48	1.00	YES
				% of room		98.75%	98.54%		
	R5	Higher Education	Bedroom	Area m2	9.62	9.23	8.17	0.88	YES
				% of room		95.96%	84.87%		
	R6	Higher Education	Bedroom	Area m2	9.62	9.48	9.48	1.00	YES
				% of room		98.52%	98.51%		
	R7	Higher Education	Bedroom	Area m2	16.62	15.10	15.01	0.99	YES
				% of room		90.85%	90.34%		

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R8	Higher Education	LKD	Area m2	40.27	39.55	39.55	1.00	YES
				% of room		98.20%	98.20%		
	R10	Higher Education	Bedroom	Area m2	13.48	13.42	13.41	1.00	YES
				% of room		99.51%	99.49%		
Eighteenth	R1	Higher Education	LKD	Area m2	22.85	21.92	20.27	0.92	YES
				% of room		95.93%	88.68%		
	R2	Higher Education	Bedroom	Area m2	13.05	12.24	12.06	0.99	YES
				% of room		93.74%	92.41%		
	R3	Higher Education	Bedroom	Area m2	9.62	9.47	9.04	0.95	YES
				% of room		98.41%	93.92%		
	R4	Higher Education	Bedroom	Area m2	9.62	9.50	9.47	1.00	YES
				% of room		98.68%	98.46%		
	R5	Higher Education	Bedroom	Area m2	9.62	9.23	8.15	0.88	YES
				% of room		95.87%	84.72%		
Nineteenth	R6	Higher Education	Bedroom	Area m2	9.62	9.48	9.48	1.00	YES
				% of room		98.48%	98.46%		
	R7	Higher Education	Bedroom	Area m2	16.62	15.39	15.14	0.98	YES
				% of room		92.57%	91.08%		
	R8	Higher Education	LKD	Area m2	40.27	39.49	39.49	1.00	YES
				% of room		98.07%	98.07%		
	R10	Higher Education	Bedroom	Area m2	13.48	13.41	13.41	1.00	YES
				% of room		99.48%	99.46%		
	R1	Higher Education	LKD	Area m2	22.85	22.00	20.45	0.93	YES
				% of room		96.28%	89.48%		
	R2	Higher Education	Bedroom	Area m2	13.05	12.26	12.10	0.99	YES
				% of room		93.93%	92.67%		
	R3	Higher Education	Bedroom	Area m2	9.62	9.47	9.06	0.96	YES
				% of room		98.45%	94.15%		
	R4	Higher Education	Bedroom	Area m2	9.62	9.51	9.51	1.00	YES
				% of room		98.77%	98.77%		
	R5	Higher Education	Bedroom	Area m2	9.62	9.24	8.22	0.89	YES
				% of room		96.04%	85.41%		
	R6	Higher Education	Bedroom	Area m2	9.62	9.61	9.61	1.00	YES
				% of room		99.87%	99.87%		
	R7	Higher Education	Bedroom	Area m2	16.62	16.03	16.03	1.00	YES
				% of room		96.44%	96.44%		
	R8	Higher Education	LKD	Area m2	40.27	40.21	40.21	1.00	YES
				% of room		99.85%	99.85%		
	R10	Higher Education	Bedroom	Area m2	13.48	13.42	13.42	1.00	YES
				% of room		99.51%	99.50%		
283 Hayes Bridge Road									
First	R1	Residential	LKD	Area m2	38.02	38.02	38.02	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	Bedroom	Area m2	14.14	14.07	13.90	0.99	YES
				% of room		99.51%	98.34%		
Altolusso									
Ground	R1	Residential	LKD	Area m2	27.77	24.59	24.79	1.01	YES
				% of room		88.56%	89.29%		
	R2	Residential	LKD	Area m2	26.34	25.76	25.53	0.99	YES
				% of room		97.79%	96.94%		
First	R1	Residential	LKD	Area m2	27.77	26.87	25.87	0.96	YES
				% of room		96.78%	93.17%		
	R2	Residential	LKD	Area m2	26.34	25.95	25.57	0.99	YES
				% of room		98.50%	97.06%		
Second	R1	Residential	LKD	Area m2	27.77	27.34	26.55	0.97	YES
				% of room		98.47%	95.61%		

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R2	Residential	LKD	Area m2 % of room	26.34	25.97 98.59%	25.60 97.19%	0.99	YES
Third	R1	Residential	LKD	Area m2 % of room	31.04	31.04 100.00%	31.04 100.00%	1.00	YES
	R2	Residential	LKD	Area m2 % of room	31.04	31.04 100.00%	31.04 100.00%	1.00	YES
	R3	Residential	Bedroom	Area m2 % of room	7.20	7.01 97.31%	6.52 90.59%	0.93	YES
	R4	Residential	Bedroom	Area m2 % of room	12.41	12.14 97.82%	12.14 97.82%	1.00	YES
	R5	Residential	LKD	Area m2 % of room	21.04	20.48 97.31%	19.97 94.91%	0.98	YES
	R6	Residential	Bedroom	Area m2 % of room	11.41	9.69 84.98%	9.32 81.72%	0.96	YES
	R7	Residential	Bedroom	Area m2 % of room	14.30	13.74 96.04%	13.46 94.09%	0.98	YES
	R8	Residential	LKD	Area m2 % of room	11.20	11.08 98.93%	10.53 93.98%	0.95	YES
	R9	Residential	LKD	Area m2 % of room	11.19	11.10 99.20%	10.45 93.37%	0.94	YES
	R10	Residential	Bedroom	Area m2 % of room	17.20	16.07 93.43%	15.53 90.24%	0.97	YES
	R11	Residential	Bedroom	Area m2 % of room	22.87	22.46 98.19%	21.43 93.68%	0.95	YES
	R12	Residential	LKD	Area m2 % of room	22.43	20.57 91.72%	20.16 89.91%	0.98	YES
	R13	Residential	Bedroom	Area m2 % of room	13.46	12.45 92.51%	12.83 95.34%	1.03	YES
	R14	Residential	Bedroom	Area m2 % of room	8.33	6.74 80.86%	7.03 84.39%	1.04	YES
	R15	Residential	LKD	Area m2 % of room	26.34	26.27 99.72%	26.07 98.99%	0.99	YES
	R16	Residential	LKD	Area m2 % of room	26.34	26.06 98.95%	25.64 97.32%	0.98	YES
Fourth	R1	Residential	LKD	Area m2 % of room	31.04	30.73 98.99%	30.73 98.99%	1.00	YES
	R2	Residential	LKD	Area m2 % of room	31.04	31.04 100.00%	31.04 100.00%	1.00	YES
	R3	Residential	Bedroom	Area m2 % of room	7.20	7.01 97.31%	6.52 90.60%	0.93	YES
	R4	Residential	Bedroom	Area m2 % of room	12.41	12.14 97.82%	12.14 97.82%	1.00	YES
	R5	Residential	LKD	Area m2 % of room	21.04	20.82 98.92%	20.00 95.02%	0.96	YES
	R6	Residential	Bedroom	Area m2 % of room	11.41	10.26 89.99%	9.54 83.63%	0.93	YES
	R7	Residential	Bedroom	Area m2 % of room	14.30	13.72 95.95%	13.49 94.35%	0.98	YES
	R8	Residential	LKD	Area m2 % of room	11.20	11.08 98.93%	10.56 94.29%	0.95	YES
	R9	Residential	LKD	Area m2 % of room	11.19	11.10 99.21%	10.49 93.78%	0.95	YES
	R10	Residential	Bedroom	Area m2 % of room	17.20	16.25 94.44%	15.62 90.82%	0.96	YES
	R11	Residential	Bedroom	Area m2 % of room	22.87	22.48 98.30%	21.44 93.74%	0.95	YES
	R12	Residential	LKD	Area m2 % of room	22.43	21.01 93.68%	20.17 89.92%	0.96	YES
	R13	Residential	Bedroom	Area m2 % of room	13.46	12.73 94.53%	12.91 95.91%	1.01	YES

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R14	Residential	Bedroom	Area m2	8.33	6.91	7.05	1.02	YES
				% of room		82.90%	84.67%		
	R15	Residential	LKD	Area m2	26.34	26.31	26.28	1.00	YES
				% of room		99.88%	99.77%		
	R16	Residential	LKD	Area m2	26.34	26.11	25.68	0.98	YES
				% of room		99.12%	97.47%		
Fifth	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.01	6.52	0.93	YES
				% of room		97.31%	90.60%		
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
				% of room		97.82%	97.82%		
	R5	Residential	LKD	Area m2	21.04	20.89	20.02	0.96	YES
				% of room		99.26%	95.13%		
	R6	Residential	Bedroom	Area m2	11.41	11.18	9.73	0.87	YES
				% of room		98.01%	85.30%		
	R7	Residential	Bedroom	Area m2	14.30	13.73	13.54	0.99	YES
				% of room		96.00%	94.70%		
	R8	Residential	LKD	Area m2	11.20	11.08	10.59	0.96	YES
				% of room		98.93%	94.52%		
Sixth	R9	Residential	LKD	Area m2	11.19	11.10	10.52	0.95	YES
				% of room		99.21%	94.03%		
	R10	Residential	Bedroom	Area m2	17.20	16.21	15.54	0.96	YES
				% of room		94.22%	90.33%		
	R11	Residential	Bedroom	Area m2	22.87	22.50	21.46	0.95	YES
				% of room		98.35%	93.84%		
	R12	Residential	LKD	Area m2	22.43	21.77	20.17	0.93	YES
				% of room		97.09%	89.93%		
	R13	Residential	Bedroom	Area m2	13.46	13.05	12.85	0.98	YES
				% of room		96.94%	95.47%		
	R14	Residential	Bedroom	Area m2	8.33	7.07	7.07	1.00	YES
				% of room		84.86%	84.84%		
	R15	Residential	LKD	Area m2	26.34	26.31	26.31	1.00	YES
				% of room		99.88%	99.88%		
	R16	Residential	LKD	Area m2	26.34	26.15	25.70	0.98	YES
				% of room		99.28%	97.57%		
Sixth	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.01	6.52	0.93	YES
				% of room		97.31%	90.60%		
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
				% of room		97.82%	97.82%		
	R5	Residential	LKD	Area m2	21.04	20.90	20.03	0.96	YES
				% of room		99.31%	95.18%		
	R6	Residential	Bedroom	Area m2	11.41	11.21	9.85	0.88	YES
				% of room		98.29%	86.35%		
Sixth	R7	Residential	Bedroom	Area m2	14.30	13.71	13.54	0.99	YES
				% of room		95.87%	94.66%		
	R8	Residential	LKD	Area m2	11.20	11.08	10.62	0.96	YES
				% of room		98.93%	94.78%		
	R9	Residential	LKD	Area m2	11.19	11.10	10.56	0.95	YES
				% of room		99.21%	94.41%		
	R10	Residential	Bedroom	Area m2	17.20	16.33	15.61	0.96	YES
				% of room		94.90%	90.76%		
	R11	Residential	Bedroom	Area m2	22.87	22.50	21.47	0.95	YES
				% of room		98.36%	93.88%		

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R12	Residential	LKD	Area m2	22.43	22.12	20.19	0.91	YES
				% of room		98.63%	90.00%		
	R13	Residential	Bedroom	Area m2	13.46	13.27	12.84	0.97	YES
				% of room		98.58%	95.40%		
	R14	Residential	Bedroom	Area m2	8.33	7.15	7.15	1.00	YES
				% of room		85.81%	85.79%		
	R15	Residential	LKD	Area m2	26.34	26.34	26.34	1.00	YES
				% of room		100.00%	100.00%		
	R16	Residential	LKD	Area m2	26.34	26.22	25.72	0.98	YES
				% of room		99.53%	97.63%		
Seventh	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.01	6.53	0.93	YES
				% of room		97.31%	90.61%		
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
				% of room		97.82%	97.82%		
	R5	Residential	LKD	Area m2	21.04	20.91	20.04	0.96	YES
				% of room		99.36%	95.24%		
	R6	Residential	Bedroom	Area m2	11.41	11.20	9.88	0.88	YES
				% of room		98.19%	86.62%		
	R7	Residential	Bedroom	Area m2	14.30	13.77	13.61	0.99	YES
				% of room		96.28%	95.19%		
	R8	Residential	LKD	Area m2	11.20	11.08	10.67	0.96	YES
				% of room		98.93%	95.27%		
Eighth	R9	Residential	LKD	Area m2	11.19	11.10	10.60	0.95	YES
				% of room		99.21%	94.74%		
	R10	Residential	Bedroom	Area m2	17.20	16.31	15.57	0.95	YES
				% of room		94.82%	90.49%		
	R11	Residential	Bedroom	Area m2	22.87	22.50	21.49	0.96	YES
				% of room		98.37%	93.95%		
	R12	Residential	LKD	Area m2	22.43	22.12	20.20	0.91	YES
				% of room		98.63%	90.06%		
	R13	Residential	Bedroom	Area m2	13.46	13.22	12.86	0.97	YES
				% of room		98.19%	95.56%		
	R14	Residential	Bedroom	Area m2	8.33	7.20	7.20	1.00	YES
				% of room		86.46%	86.44%		
	R15	Residential	LKD	Area m2	26.34	26.34	26.34	1.00	YES
				% of room		100.00%	100.00%		
	R16	Residential	LKD	Area m2	26.34	26.27	25.73	0.98	YES
				% of room		99.73%	97.66%		
Eighth	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.01	6.53	0.93	YES
				% of room		97.31%	90.62%		
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
				% of room		97.82%	97.82%		
	R5	Residential	LKD	Area m2	21.04	20.93	20.06	0.96	YES
				% of room		99.46%	95.34%		
Eighth	R6	Residential	Bedroom	Area m2	11.41	11.23	9.92	0.88	YES
				% of room		98.43%	87.00%		
	R7	Residential	Bedroom	Area m2	14.30	13.79	13.62	0.99	YES
				% of room		96.40%	95.23%		
	R8	Residential	LKD	Area m2	11.20	11.08	10.72	0.97	YES
				% of room		98.93%	95.75%		
	R9	Residential	LKD	Area m2	11.19	11.10	10.65	0.96	YES
				% of room		99.21%	95.21%		

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R10	Residential	Bedroom	Area m2	17.20	16.27	15.57	0.96	YES
				% of room		94.56%	90.52%		
	R11	Residential	Bedroom	Area m2	22.87	22.50	21.52	0.96	YES
				% of room		98.37%	94.10%		
	R12	Residential	LKD	Area m2	22.43	22.12	20.20	0.91	YES
				% of room		98.64%	90.07%		
	R13	Residential	Bedroom	Area m2	13.46	13.35	13.01	0.97	YES
				% of room		99.15%	96.66%		
	R14	Residential	Bedroom	Area m2	8.33	7.25	7.25	1.00	YES
				% of room		87.07%	87.05%		
	R15	Residential	LKD	Area m2	26.34	26.34	26.34	1.00	YES
				% of room		100.00%	100.00%		
	R16	Residential	LKD	Area m2	26.34	26.33	25.76	0.98	YES
				% of room		99.97%	97.79%		
Ninth	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.01	6.53	0.93	YES
				% of room		97.36%	90.68%		
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
				% of room		97.82%	97.82%		
	R5	Residential	LKD	Area m2	21.04	20.95	20.08	0.96	YES
				% of room		99.54%	95.42%		
	R6	Residential	Bedroom	Area m2	11.41	11.16	9.87	0.88	YES
				% of room		97.86%	86.52%		
	R7	Residential	Bedroom	Area m2	14.30	13.73	13.58	0.99	YES
				% of room		95.98%	94.97%		
	R8	Residential	LKD	Area m2	11.20	11.09	10.80	0.97	YES
				% of room		98.97%	96.46%		
Tenth	R9	Residential	LKD	Area m2	11.19	11.10	10.70	0.96	YES
				% of room		99.21%	95.67%		
	R10	Residential	Bedroom	Area m2	17.20	16.29	15.60	0.96	YES
				% of room		94.70%	90.70%		
	R11	Residential	Bedroom	Area m2	22.87	22.51	21.57	0.96	YES
				% of room		98.43%	94.31%		
	R12	Residential	LKD	Area m2	22.43	22.12	20.21	0.91	YES
				% of room		98.64%	90.13%		
	R13	Residential	Bedroom	Area m2	13.46	13.21	12.88	0.98	YES
				% of room		98.12%	95.71%		
	R14	Residential	Bedroom	Area m2	8.33	7.31	7.31	1.00	YES
				% of room		87.77%	87.75%		
	R15	Residential	LKD	Area m2	26.34	26.34	26.34	1.00	YES
				% of room		100.00%	100.00%		
	R16	Residential	LKD	Area m2	26.34	26.34	25.76	0.98	YES
				% of room		100.00%	97.81%		
Tenth	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.02	6.55	0.93	YES
				% of room		97.41%	90.92%		
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
Tenth				% of room		97.82%	97.82%		
	R5	Residential	LKD	Area m2	21.04	20.96	20.10	0.96	YES
				% of room		99.62%	95.51%		
	R6	Residential	Bedroom	Area m2	11.41	11.18	9.89	0.88	YES
				% of room		98.04%	86.75%		
	R7	Residential	Bedroom	Area m2	14.30	13.75	13.61	0.99	YES
				% of room		96.14%	95.15%		

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R8	Residential	LKD	Area m2	11.20	11.10	10.88	0.98	YES
				% of room		99.07%	97.15%		
	R9	Residential	LKD	Area m2	11.19	11.10	10.77	0.97	YES
				% of room		99.24%	96.26%		
	R10	Residential	Bedroom	Area m2	17.20	16.33	15.64	0.96	YES
				% of room		94.94%	90.91%		
	R11	Residential	Bedroom	Area m2	22.87	22.53	21.65	0.96	YES
				% of room		98.51%	94.64%		
	R12	Residential	LKD	Area m2	22.43	22.13	20.23	0.91	YES
				% of room		98.66%	90.20%		
	R13	Residential	Bedroom	Area m2	13.46	13.21	12.91	0.98	YES
				% of room		98.11%	95.90%		
	R14	Residential	Bedroom	Area m2	8.33	7.36	7.36	1.00	YES
				% of room		88.37%	88.35%		
	R15	Residential	LKD	Area m2	26.34	26.34	26.34	1.00	YES
				% of room		100.00%	100.00%		
	R16	Residential	LKD	Area m2	26.34	26.34	25.77	0.98	YES
				% of room		100.00%	97.84%		
Eleventh	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.03	6.57	0.93	YES
				% of room		97.58%	91.22%		
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
				% of room		97.83%	97.83%		
	R5	Residential	LKD	Area m2	21.04	20.97	20.11	0.96	YES
				% of room		99.65%	95.54%		
	R6	Residential	Bedroom	Area m2	11.41	11.24	9.96	0.89	YES
				% of room		98.56%	87.31%		
	R7	Residential	Bedroom	Area m2	14.30	13.81	13.67	0.99	YES
				% of room		96.54%	95.57%		
	R8	Residential	LKD	Area m2	11.20	11.10	10.94	0.99	YES
				% of room		99.11%	97.66%		
	R9	Residential	LKD	Area m2	11.19	11.11	10.82	0.97	YES
				% of room		99.26%	96.69%		
	R10	Residential	Bedroom	Area m2	17.20	16.43	15.77	0.96	YES
				% of room		95.53%	91.66%		
	R11	Residential	Bedroom	Area m2	22.87	22.56	21.74	0.96	YES
				% of room		98.62%	95.06%		
	R12	Residential	LKD	Area m2	22.43	22.13	20.26	0.92	YES
				% of room		98.66%	90.34%		
	R13	Residential	Bedroom	Area m2	13.46	13.29	13.00	0.98	YES
				% of room		98.69%	96.60%		
	R14	Residential	Bedroom	Area m2	8.33	7.39	7.39	1.00	YES
				% of room		88.68%	88.67%		
	R15	Residential	LKD	Area m2	26.34	26.34	26.34	1.00	YES
				% of room		100.00%	100.00%		
	R16	Residential	LKD	Area m2	26.34	26.34	25.77	0.98	YES
				% of room		100.00%	97.85%		
Twelfth	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.04	6.63	0.94	YES
				% of room		97.81%	92.11%		
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
				% of room		97.82%	97.82%		
	R5	Residential	LKD	Area m2	21.04	20.98	20.11	0.96	YES
				% of room		99.67%	95.57%		

Project Name: Harlech Court
Project No.: 19-00360-02b
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Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R6	Residential	Bedroom	Area m2	11.41	11.24	9.91	0.88	YES
				% of room		98.57%	86.87%		
	R7	Residential	Bedroom	Area m2	14.30	13.85	13.72	0.99	YES
				% of room		96.87%	95.91%		
	R8	Residential	LKD	Area m2	11.20	11.10	11.00	0.99	YES
				% of room		99.13%	98.24%		
	R9	Residential	LKD	Area m2	11.19	11.11	10.90	0.98	YES
				% of room		99.28%	97.39%		
	R10	Residential	Bedroom	Area m2	17.20	16.27	15.67	0.96	YES
				% of room		94.59%	91.06%		
	R11	Residential	Bedroom	Area m2	22.87	22.59	21.89	0.97	YES
				% of room		98.78%	95.69%		
	R12	Residential	LKD	Area m2	22.43	22.13	20.29	0.92	YES
				% of room		98.66%	90.47%		
	R13	Residential	Bedroom	Area m2	13.46	13.28	13.02	0.98	YES
				% of room		98.63%	96.74%		
	R14	Residential	Bedroom	Area m2	8.33	7.43	7.43	1.00	YES
				% of room		89.16%	89.15%		
	R15	Residential	LKD	Area m2	26.34	26.34	26.34	1.00	YES
				% of room		100.00%	100.00%		
	R16	Residential	LKD	Area m2	26.34	26.34	25.78	0.98	YES
				% of room		100.00%	97.86%		
Thirteenth	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.06	6.70	0.95	YES
				% of room		98.09%	93.09%		
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
				% of room		97.82%	97.82%		
	R5	Residential	LKD	Area m2	21.04	20.98	20.18	0.96	YES
				% of room		99.70%	95.90%		
	R6	Residential	Bedroom	Area m2	11.41	11.24	9.96	0.89	YES
				% of room		98.54%	87.36%		
	R7	Residential	Bedroom	Area m2	14.30	13.89	13.75	0.99	YES
				% of room		97.09%	96.15%		
	R8	Residential	LKD	Area m2	11.20	11.12	11.08	1.00	YES
				% of room		99.24%	98.94%		
Fourteenth	R9	Residential	LKD	Area m2	11.19	11.11	10.98	0.99	YES
				% of room		99.32%	98.12%		
	R10	Residential	Bedroom	Area m2	17.20	16.44	15.89	0.97	YES
				% of room		95.59%	92.39%		
	R11	Residential	Bedroom	Area m2	22.87	22.63	22.06	0.97	YES
				% of room		98.93%	96.44%		
	R12	Residential	LKD	Area m2	22.43	22.13	20.36	0.92	YES
				% of room		98.67%	90.76%		
	R13	Residential	Bedroom	Area m2	13.46	13.24	13.02	0.98	YES
				% of room		98.37%	96.75%		
	R14	Residential	Bedroom	Area m2	8.33	7.45	7.45	1.00	YES
				% of room		89.47%	89.46%		
	R15	Residential	LKD	Area m2	26.34	26.34	26.34	1.00	YES
				% of room		100.00%	100.00%		
	R16	Residential	LKD	Area m2	26.34	26.34	25.78	0.98	YES
				% of room		100.00%	97.86%		
	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.07	6.78	0.96	YES
				% of room		98.21%	94.15%		

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
				% of room		97.83%	97.83%		
	R5	Residential	LKD	Area m2	21.04	20.99	20.31	0.97	YES
				% of room		99.72%	96.53%		
	R6	Residential	Bedroom	Area m2	11.41	11.27	9.96	0.88	YES
				% of room		98.79%	87.37%		
	R7	Residential	Bedroom	Area m2	14.30	14.02	13.95	0.99	YES
				% of room		98.05%	97.55%		
	R8	Residential	LKD	Area m2	11.20	11.13	11.11	1.00	YES
				% of room		99.33%	99.18%		
	R9	Residential	LKD	Area m2	11.19	11.12	11.04	0.99	YES
				% of room		99.39%	98.71%		
	R10	Residential	Bedroom	Area m2	17.20	16.37	15.91	0.97	YES
				% of room		95.18%	92.50%		
	R11	Residential	Bedroom	Area m2	22.87	22.67	22.14	0.98	YES
				% of room		99.10%	96.80%		
	R12	Residential	LKD	Area m2	22.43	22.13	20.43	0.92	YES
				% of room		98.68%	91.10%		
	R13	Residential	Bedroom	Area m2	13.46	13.27	13.10	0.99	YES
				% of room		98.54%	97.35%		
	R14	Residential	Bedroom	Area m2	8.33	7.47	7.47	1.00	YES
				% of room		89.64%	89.63%		
	R15	Residential	LKD	Area m2	26.34	26.34	26.34	1.00	YES
				% of room		100.00%	100.00%		
	R16	Residential	LKD	Area m2	26.34	26.34	25.78	0.98	YES
				% of room		100.00%	97.86%		
Fifteenth	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.07	6.82	0.96	YES
				% of room		98.23%	94.68%		
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
				% of room		97.82%	97.82%		
	R5	Residential	LKD	Area m2	21.04	20.99	20.47	0.98	YES
				% of room		99.73%	97.28%		
	R6	Residential	Bedroom	Area m2	11.41	11.18	9.98	0.89	YES
				% of room		98.00%	87.47%		
	R7	Residential	Bedroom	Area m2	14.30	13.94	13.93	1.00	YES
				% of room		97.48%	97.39%		
	R8	Residential	LKD	Area m2	11.20	11.14	11.13	1.00	YES
				% of room		99.47%	99.41%		
	R9	Residential	LKD	Area m2	11.19	11.14	11.13	1.00	YES
				% of room		99.54%	99.53%		
	R10	Residential	Bedroom	Area m2	17.20	16.35	15.95	0.98	YES
				% of room		95.06%	92.69%		
	R11	Residential	Bedroom	Area m2	22.87	22.70	22.19	0.98	YES
				% of room		99.24%	97.01%		
	R12	Residential	LKD	Area m2	22.43	22.14	20.55	0.93	YES
				% of room		98.71%	91.62%		
	R13	Residential	Bedroom	Area m2	13.46	13.25	13.15	0.99	YES
				% of room		98.46%	97.68%		
	R14	Residential	Bedroom	Area m2	8.33	7.46	7.46	1.00	YES
				% of room		89.61%	89.60%		
	R15	Residential	LKD	Area m2	26.34	26.34	26.34	1.00	YES
				% of room		100.00%	100.00%		
	R16	Residential	LKD	Area m2	26.34	26.34	25.79	0.98	YES
				% of room		100.00%	97.89%		
Sixteenth	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		

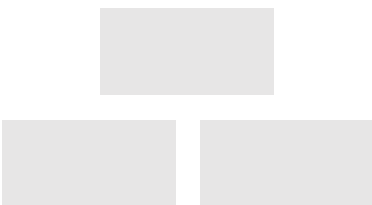
Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

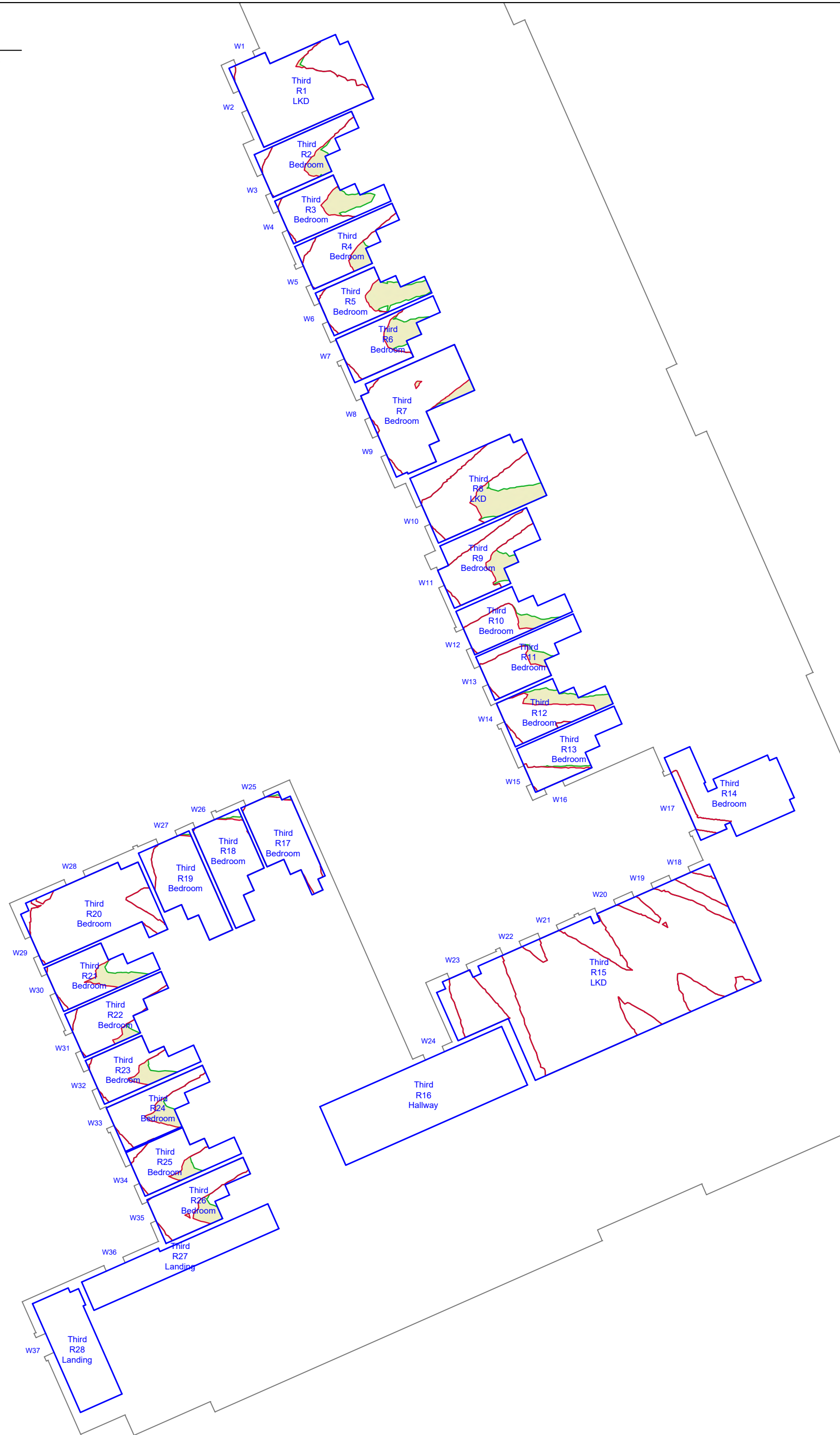
Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.07	6.83	0.97	YES
				% of room		98.23%	94.82%		
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
				% of room		97.82%	97.82%		
	R5	Residential	LKD	Area m2	21.04	20.99	20.70	0.99	YES
				% of room		99.74%	98.38%		
	R6	Residential	Bedroom	Area m2	11.41	11.25	10.30	0.92	YES
				% of room		98.65%	90.31%		
	R7	Residential	Bedroom	Area m2	14.30	14.04	14.04	1.00	YES
				% of room		98.21%	98.16%		
	R8	Residential	LKD	Area m2	11.20	11.15	11.15	1.00	YES
				% of room		99.57%	99.57%		
Seventeenth	R9	Residential	LKD	Area m2	11.19	11.15	11.15	1.00	YES
				% of room		99.68%	99.68%		
	R10	Residential	Bedroom	Area m2	17.20	16.95	16.56	0.98	YES
				% of room		98.53%	96.23%		
	R11	Residential	Bedroom	Area m2	22.87	22.04	21.20	0.96	YES
				% of room		96.35%	92.68%		
	R12	Residential	LKD	Area m2	22.43	22.15	21.70	0.98	YES
				% of room		98.77%	96.77%		
	R13	Residential	Bedroom	Area m2	13.46	13.23	13.23	1.00	YES
				% of room		98.31%	98.25%		
	R14	Residential	LKD	Area m2	62.49	62.49	62.44	1.00	YES
				% of room		100.00%	99.92%		
	R1	Residential	LKD	Area m2	31.04	30.99	30.99	1.00	YES
				% of room		99.83%	99.83%		
Eighteenth	R2	Residential	LKD	Area m2	31.04	31.02	31.02	1.00	YES
				% of room		99.93%	99.93%		
	R3	Residential	Bedroom	Area m2	7.20	6.98	6.74	0.97	YES
				% of room		96.89%	93.55%		
	R4	Residential	Bedroom	Area m2	12.41	12.20	12.20	1.00	YES
				% of room		98.33%	98.31%		
	R5	Residential	LKD	Area m2	21.04	21.04	21.04	1.00	YES
				% of room		99.96%	99.96%		
	R6	Residential	Bedroom	Area m2	11.41	11.18	10.81	0.97	YES
				% of room		98.03%	94.76%		
	R7	Residential	Bedroom	Area m2	12.60	12.17	12.17	1.00	YES
				% of room		96.58%	96.58%		
	R8	Residential	LKD	Area m2	19.64	19.23	18.68	0.97	YES
				% of room		97.89%	95.10%		
	R9	Residential	LKD	Area m2	11.19	11.10	11.10	1.00	YES
				% of room		99.25%	99.23%		
	R10	Residential	LKD	Area m2	19.68	19.68	19.60	1.00	YES
				% of room		100.00%	99.59%		
	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.07	6.84	0.97	YES
				% of room		98.23%	95.03%		
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
				% of room		97.82%	97.82%		
	R5	Residential	LKD	Area m2	21.04	20.99	20.98	1.00	YES
				% of room		99.75%	99.70%		
	R6	Residential	Bedroom	Area m2	11.41	11.25	11.21	1.00	YES
				% of room		98.67%	98.33%		
	R7	Residential	Bedroom	Area m2	12.34	11.80	11.80	1.00	YES
				% of room		95.58%	95.58%		

Project Name: Harlech Court
Project No.: 19-00360-02b
Report Title: Daylight Distribution Analysis - Neighbour
Date of Analysis: 11/06/2024

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R8	Residential	LKD	Area m2	19.64	19.16	18.83	0.98	YES
				% of room		97.53%	95.86%		
	R9	Residential	LKD	Area m2	11.19	11.17	11.17	1.00	YES
				% of room		99.80%	99.80%		
	R10	Residential	LKD	Area m2	19.68	19.68	19.58	1.00	YES
				% of room		99.97%	99.48%		
Nineteenth	R1	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	LKD	Area m2	31.04	31.04	31.04	1.00	YES
				% of room		100.00%	100.00%		
	R3	Residential	Bedroom	Area m2	7.20	7.07	6.85	0.97	YES
				% of room		98.23%	95.17%		
	R4	Residential	Bedroom	Area m2	12.41	12.14	12.14	1.00	YES
				% of room		97.82%	97.82%		
	R5	Residential	LKD	Area m2	21.04	20.99	20.99	1.00	YES
				% of room		99.76%	99.72%		
	R6	Residential	Bedroom	Area m2	11.41	11.24	11.22	1.00	YES
				% of room		98.59%	98.41%		
	R7	Residential	Bedroom	Area m2	12.34	11.94	11.93	1.00	YES
				% of room		96.71%	96.68%		
	R8	Residential	LKD	Area m2	19.64	19.16	18.85	0.98	YES
				% of room		97.53%	95.96%		
	R9	Residential	LKD	Area m2	11.19	11.17	11.17	1.00	YES
				% of room		99.82%	99.82%		
	R10	Residential	LKD	Area m2	19.68	19.68	19.60	1.00	YES
				% of room		99.97%	99.59%		
Twentieth	R1	Residential	LKD	Area m2	45.13	45.13	45.13	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	Bedroom	Area m2	14.15	13.95	13.93	1.00	YES
				% of room		98.56%	98.42%		
	R3	Residential	LKD	Area m2	36.78	36.78	36.78	1.00	YES
				% of room		100.00%	100.00%		
	R4	Residential	Bedroom	Area m2	16.02	15.74	15.74	1.00	YES
				% of room		98.27%	98.25%		
	R5	Residential	LKD	Area m2	19.64	19.26	18.97	0.98	YES
				% of room		98.08%	96.56%		
	R6	Residential	LKD	Area m2	11.19	11.17	11.17	1.00	YES
				% of room		99.86%	99.86%		
	R7	Residential	LKD	Area m2	19.68	19.68	19.63	1.00	YES
				% of room		99.97%	99.74%		
Twenty First	R1	Residential	LKD	Area m2	59.94	59.94	59.94	1.00	YES
				% of room		100.00%	100.00%		
	R2	Residential	Bedroom	Area m2	13.30	13.05	12.47	0.96	YES
				% of room		98.12%	93.78%		
	R4	Residential	Bedroom	Area m2	21.33	20.49	20.49	1.00	YES
				% of room		96.04%	96.04%		
	R5	Residential	LKD	Area m2	19.64	19.32	19.02	0.98	YES
				% of room		98.37%	96.86%		
	R6	Residential	LKD	Area m2	11.19	11.17	11.17	1.00	YES
				% of room		99.86%	99.86%		
	R7	Residential	LKD	Area m2	19.68	19.68	18.96	0.96	YES
				% of room		99.97%	96.29%		
Twenty Second	R1	Residential	LKD	Area m2	33.59	33.59	33.59	1.00	YES
				% of room		100.00%	100.00%		

Daylight Distribution Contour drawings





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.

Supplemented with site photography, Bing maps and Google Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guilford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

KEY

- Room Area (Measured Layout)
- Room Area (Assumed Layout)
- Existing No Sky Area
- Proposed No Sky Area
- Area of Loss/Gain

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Daylight Distribution
Contours

Scale

NTS

Date

June 2024

Drawn

RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02b-07





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.

Supplemented with site photography, Bing maps and Google Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guilford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

KEY

- Room Area (Measured Layout)
- Room Area (Assumed Layout)
- Existing No Sky Area
- Proposed No Sky Area
- Area of Loss/Gain

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Daylight Distribution
Contours

Scale

NTS

Date

June 2024

Drawn

RH

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MANCHESTER M2 2BY
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19-00360-02b-08





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)
Existing Model & Surrounding Model
Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg
Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or
assumed.
Supplemented with site photography, Bing maps and Google
Streetmaps.
Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guilford Crescent - Consented Scheme
21-01682-MJR - PDF Series
Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

KEY

- Room Area (Measured Layout)
- Room Area (Assumed Layout)
- Existing No Sky Area
- Proposed No Sky Area
- Area of Loss/Gain

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Daylight Distribution
Contours

Scale
NTS

Date
June 2024

Drawn
RH

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19-00360-02b-09





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.

Supplemented with site photography, Bing maps and Google Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guilford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

KEY

- Room Area (Measured Layout)
- Room Area (Assumed Layout)
- Existing No Sky Area
- Proposed No Sky Area
- Area of Loss/Gain

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Daylight Distribution
Contours

Scale

NTS

Date

June 2024

Drawn

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19-00360-02b-10





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.

Supplemented with site photography, Bing maps and Google Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guilford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

KEY

- Room Area (Measured Layout)
- Room Area (Assumed Layout)
- Existing No Sky Area
- Proposed No Sky Area
- Area of Loss/Gain

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Daylight Distribution
Contours

Scale

NTS

Date

June 2024

Drawn

RH

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19-00360-02b-11





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.

Supplemented with site photography, Bing maps and Google Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Gulford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

- KEY**
- Room Area (Measured Layout)
 - Room Area (Assumed Layout)
 - Existing No Sky Area
 - Proposed No Sky Area
 - Area of Loss/Gain

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
**Daylight Distribution
Contours**

Scale
NTS

Date
June 2024

Drawn
RH

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19-00360-02b-12





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.

Supplemented with site photography, Bing maps and Google Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guilford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

- KEY**
- Room Area (Measured Layout)
 - Room Area (Assumed Layout)
 - Existing No Sky Area
 - Proposed No Sky Area
 - Area of Loss/Gain

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
**Daylight Distribution
Contours**

Scale
NTS

Date
June 2024

Drawn
RH

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19-00360-02b-13





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.

Supplemented with site photography, Bing maps and Google Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guilford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

- KEY**
- Room Area (Measured Layout)
 - Room Area (Assumed Layout)
 - Existing No Sky Area
 - Proposed No Sky Area
 - Area of Loss/Gain

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
**Daylight Distribution
Contours**

Scale
NTS

Date
June 2024

Drawn
RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02b-14





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.

Supplemented with site photography, Bing maps and Google Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Gulford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

- KEY
- Room Area (Measured Layout)
 - Room Area (Assumed Layout)
 - Existing No Sky Area
 - Proposed No Sky Area
 - Area of Loss/Gain

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Daylight Distribution
Contours

Scale
NTS

Date
June 2024

Drawn
RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02b-15





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.

Supplemented with site photography, Bing maps and Google Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guildford Crescent - Consented Scheme
21-01682-MJRN - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

KEY

- Room Area (Measured Layout)
- Room Area (Assumed Layout)
- Existing No Sky Area
- Proposed No Sky Area
- Area of Loss/Gain

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Daylight Distribution
Contours

Scale

NTS

Date

June 2024

Drawn

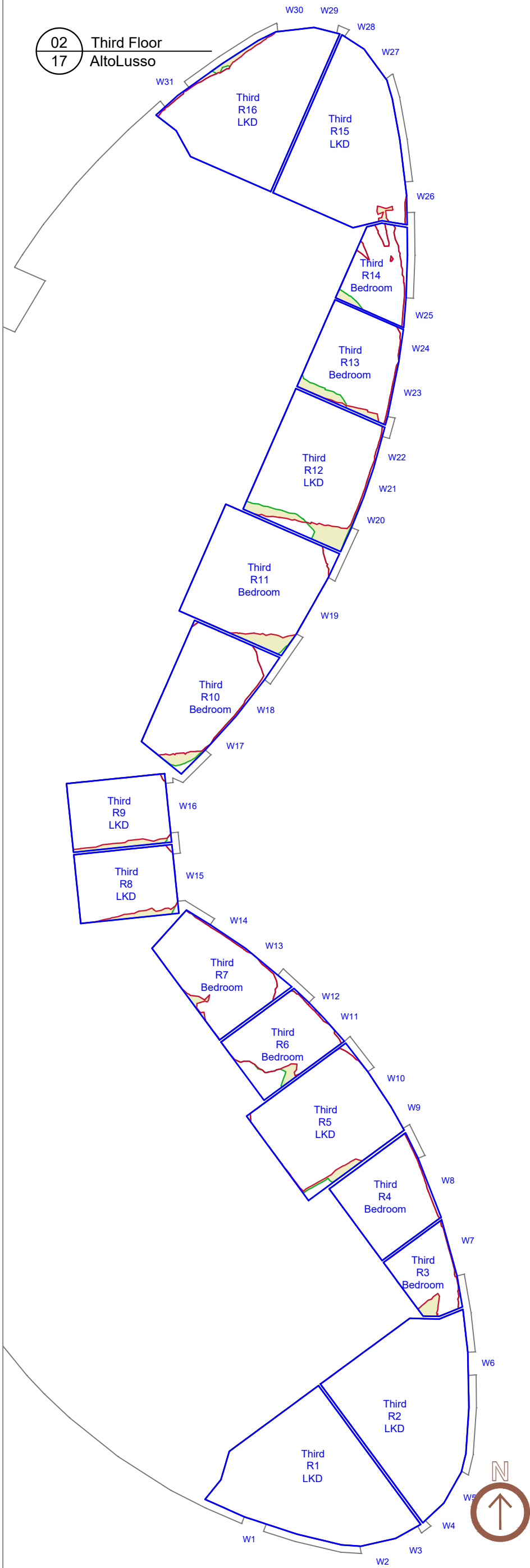
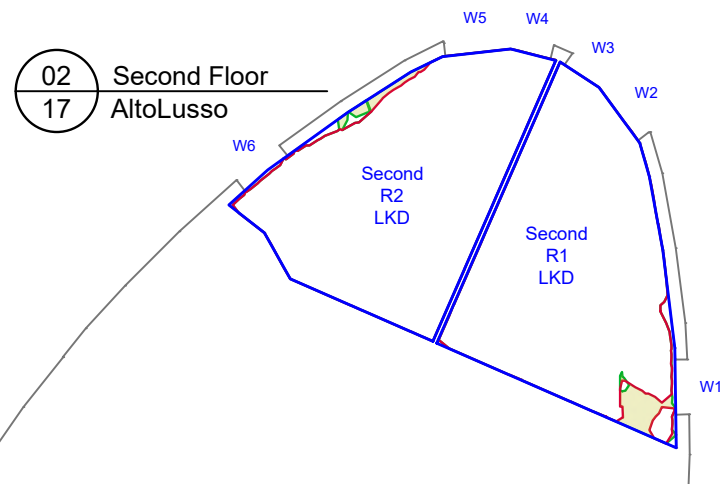
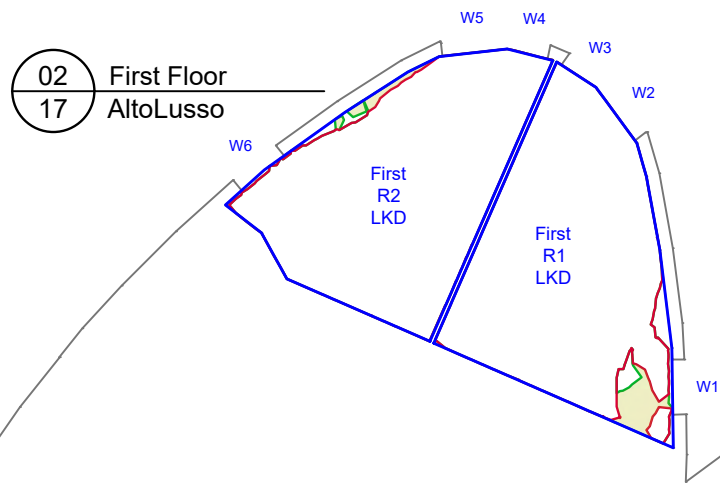
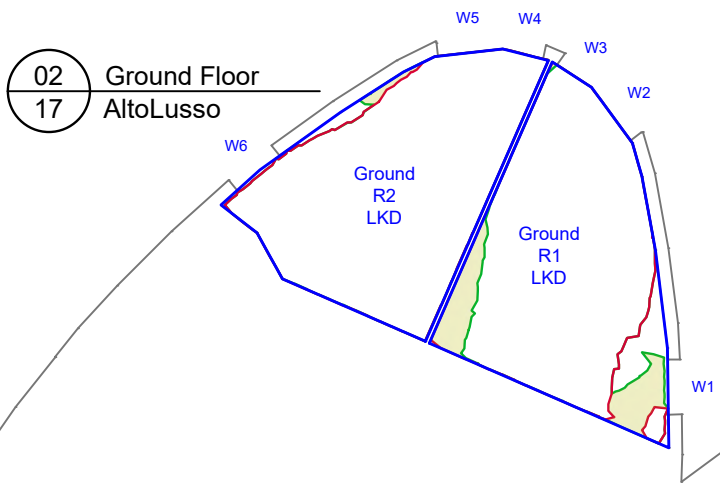
RH

RAPLEYS

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MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02b-16





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.

Supplemented with site photography, Bing maps and Google Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guilford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

- KEY
- Room Area (Measured Layout)
 - Room Area (Assumed Layout)
 - Existing No Sky Area
 - Proposed No Sky Area
 - Area of Loss/Gain

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Daylight Distribution
Contours

Scale
NTS

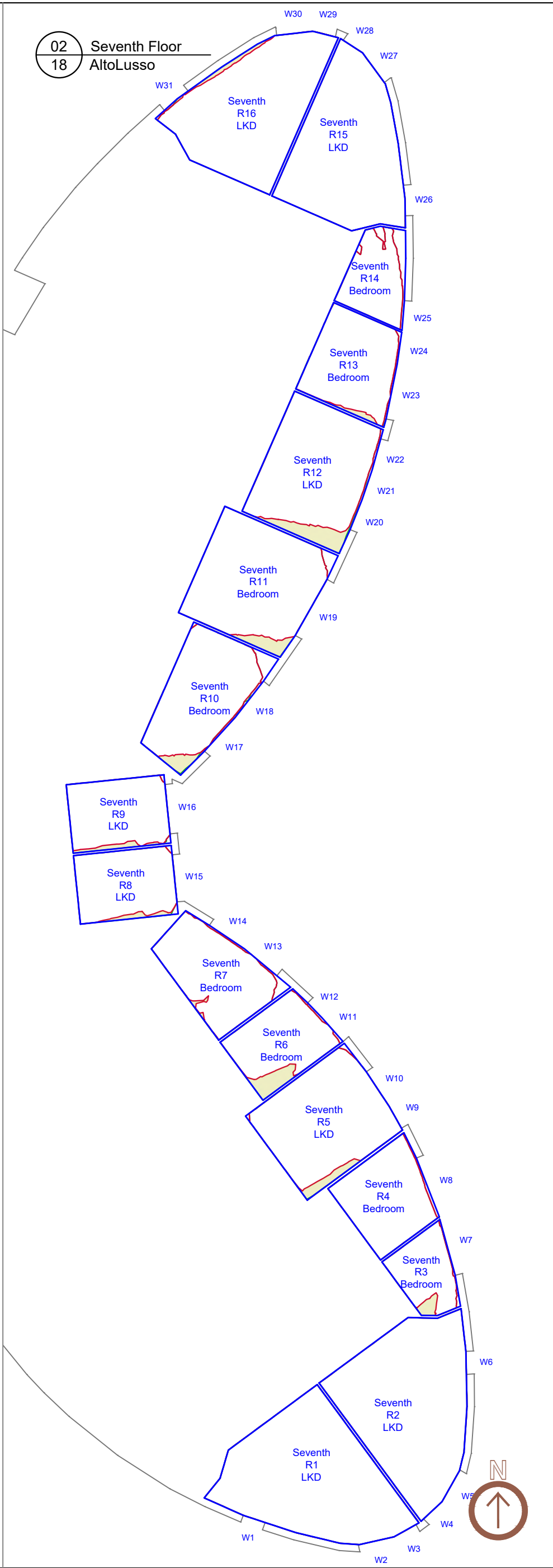
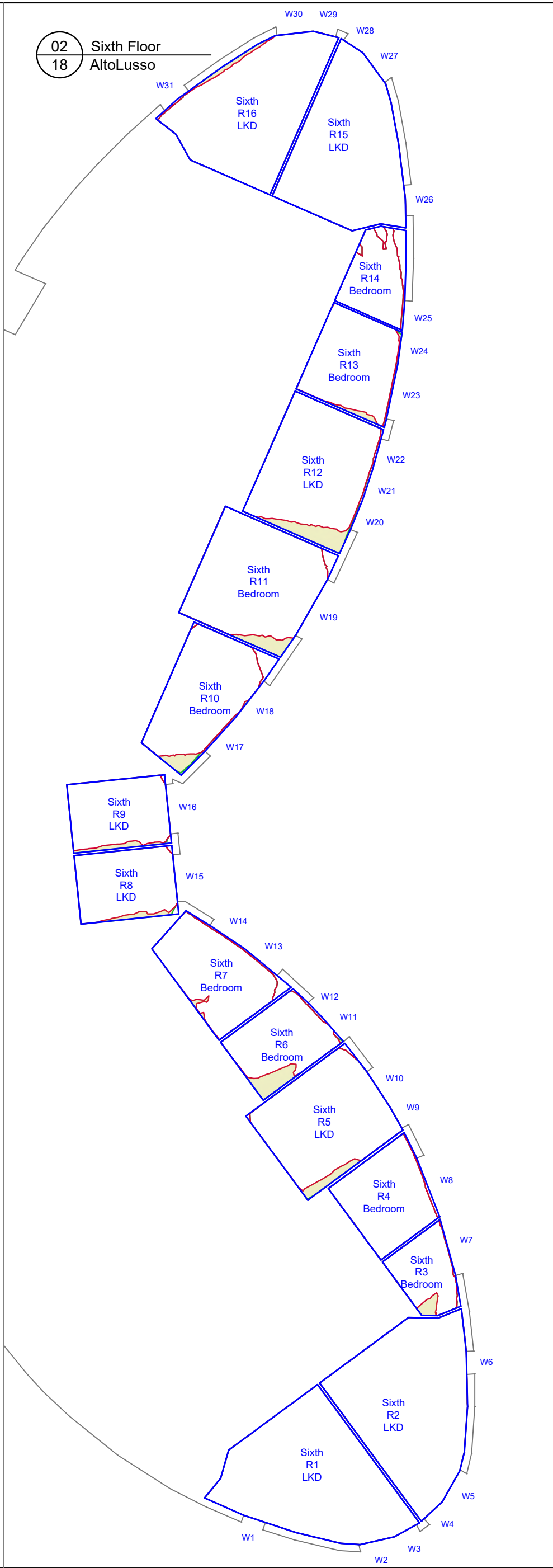
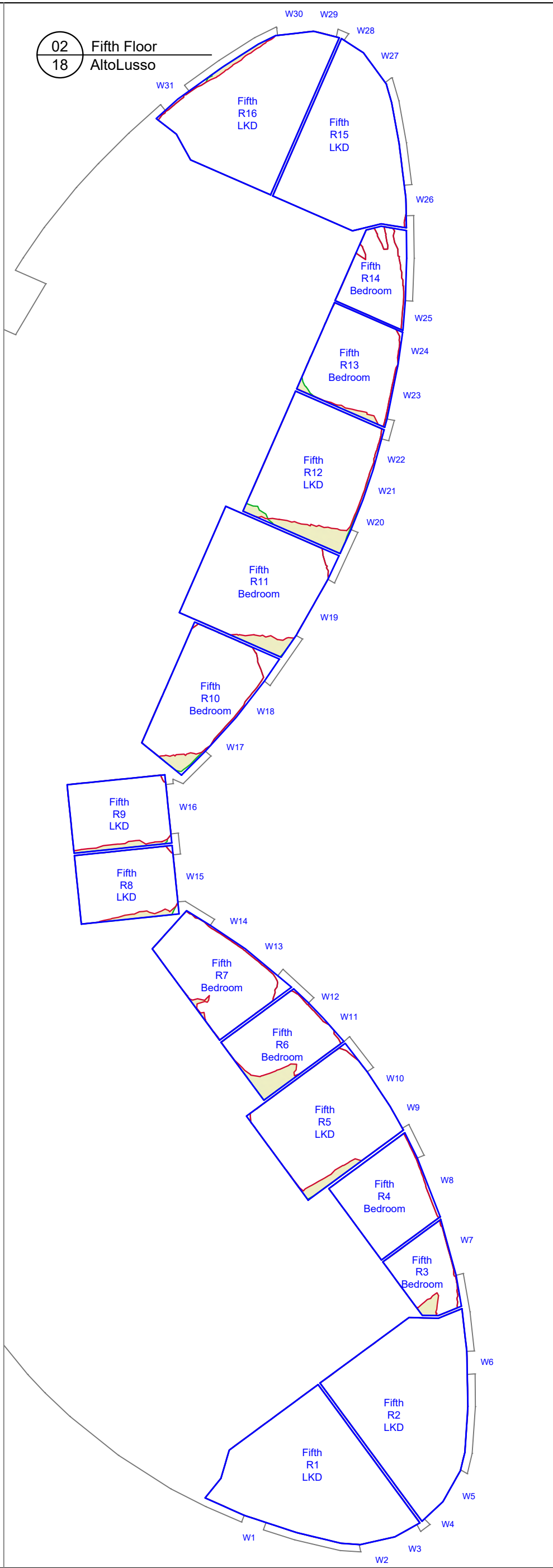
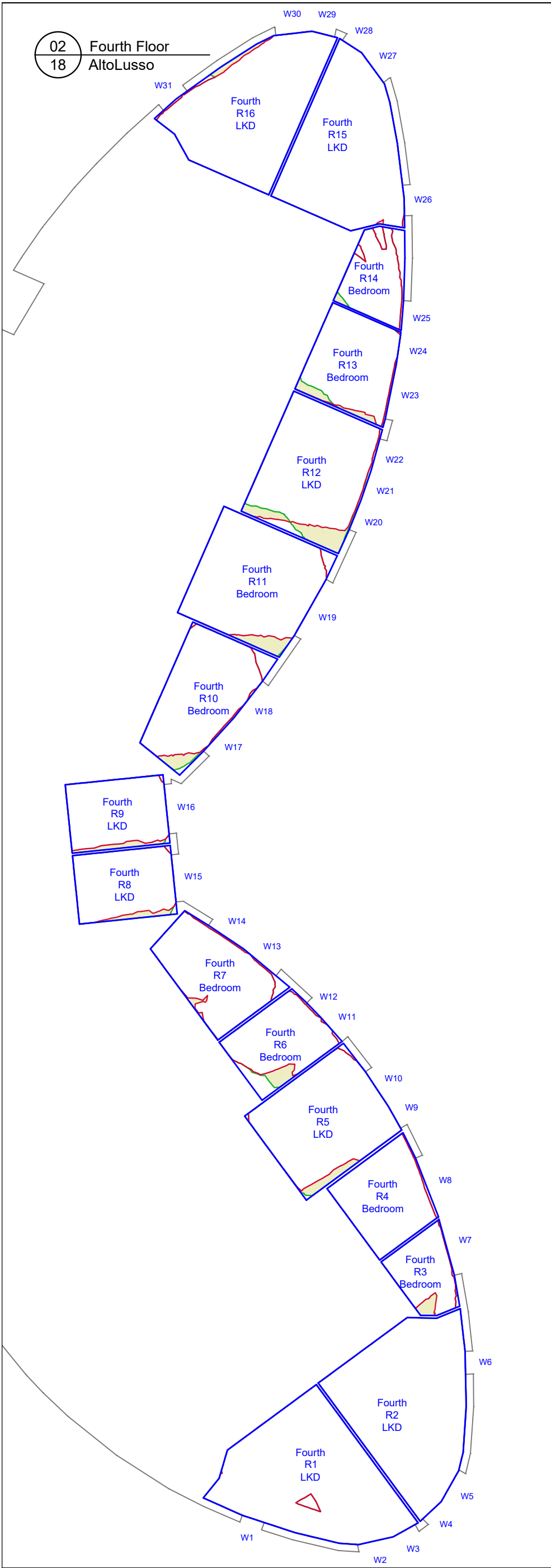
Date
June 2024

Drawn
RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02b-17



Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.

Supplemented with site photography, Bing maps and Google Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guilford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

KEY

- Room Area (Measured Layout)
- Room Area (Assumed Layout)
- Existing No Sky Area
- Proposed No Sky Area
- Area of Loss/Gain

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Daylight Distribution
Contours

Scale

NTS

Date

June 2024

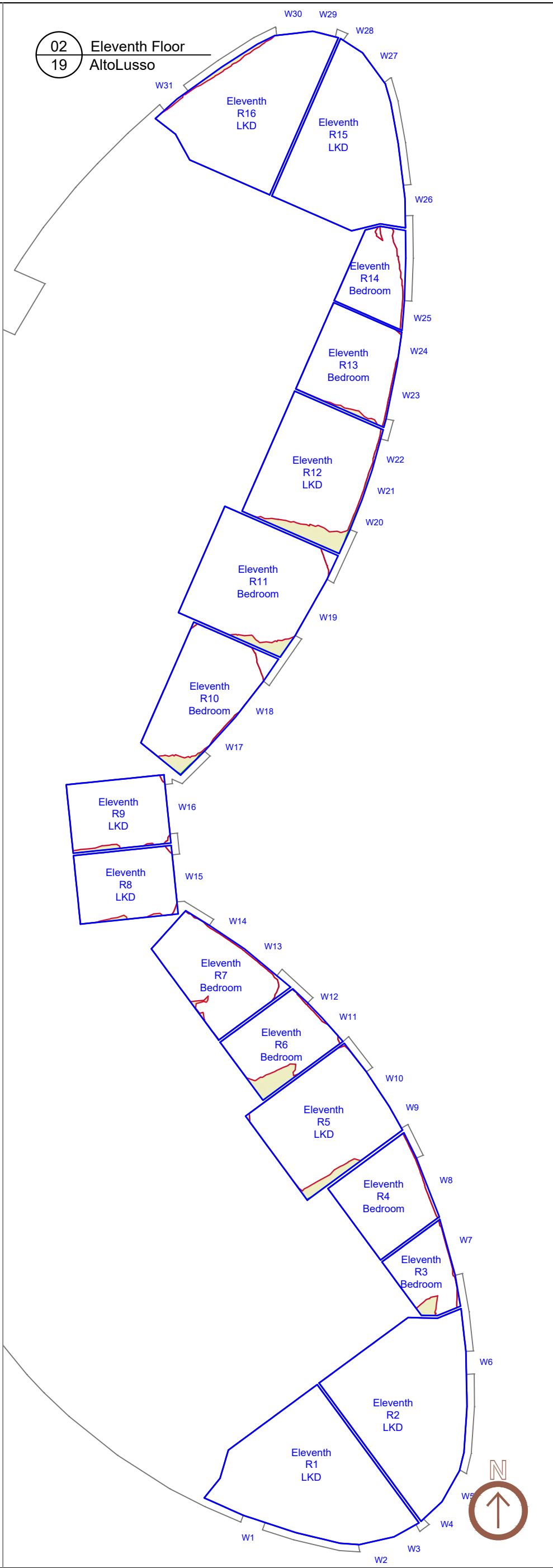
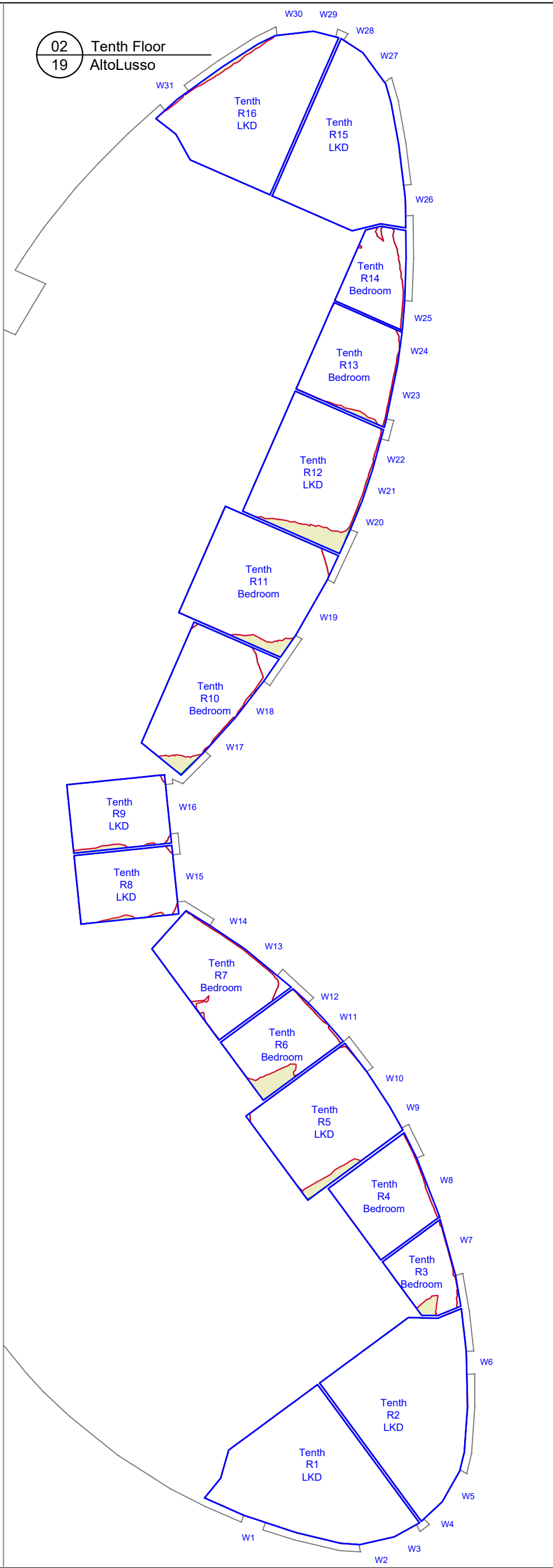
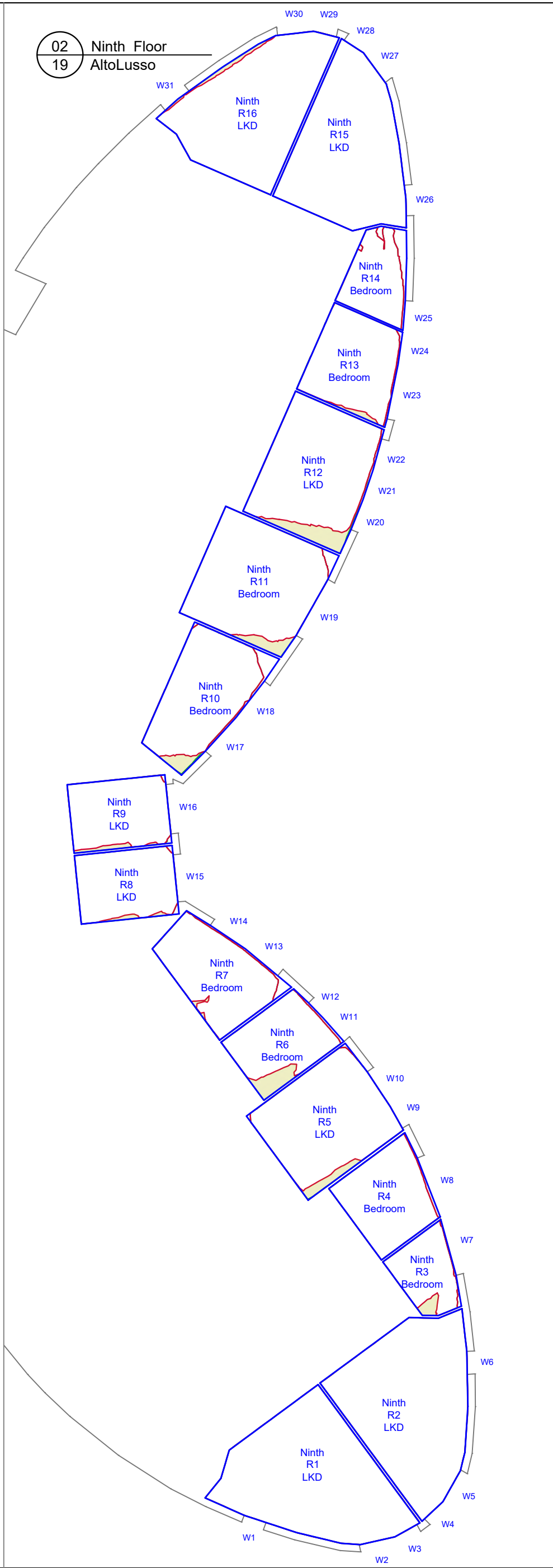
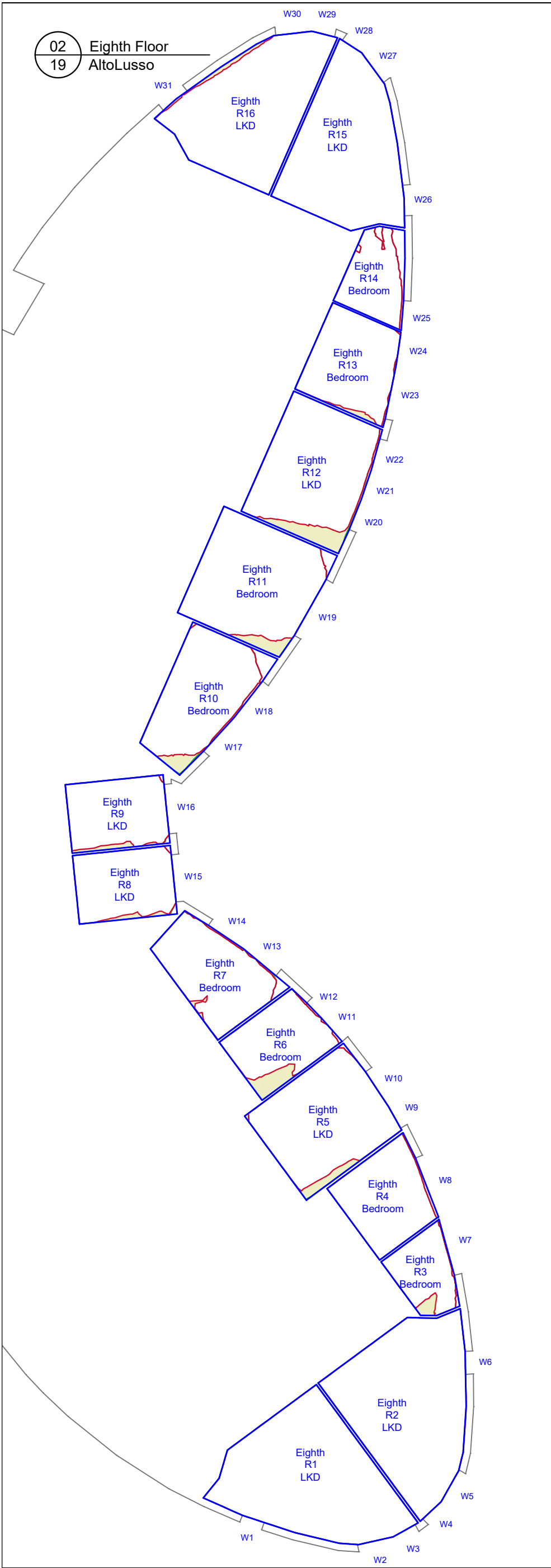
Drawn

RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02b-18



Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or
assumed.

Supplemented with site photography, Bing maps and Google
Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guilford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

KEY

- Room Area (Measured Layout)
- Room Area (Assumed Layout)
- Existing No Sky Area
- Proposed No Sky Area
- Area of Loss/Gain

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Daylight Distribution
Contours

Scale

NTS

Date

June 2024

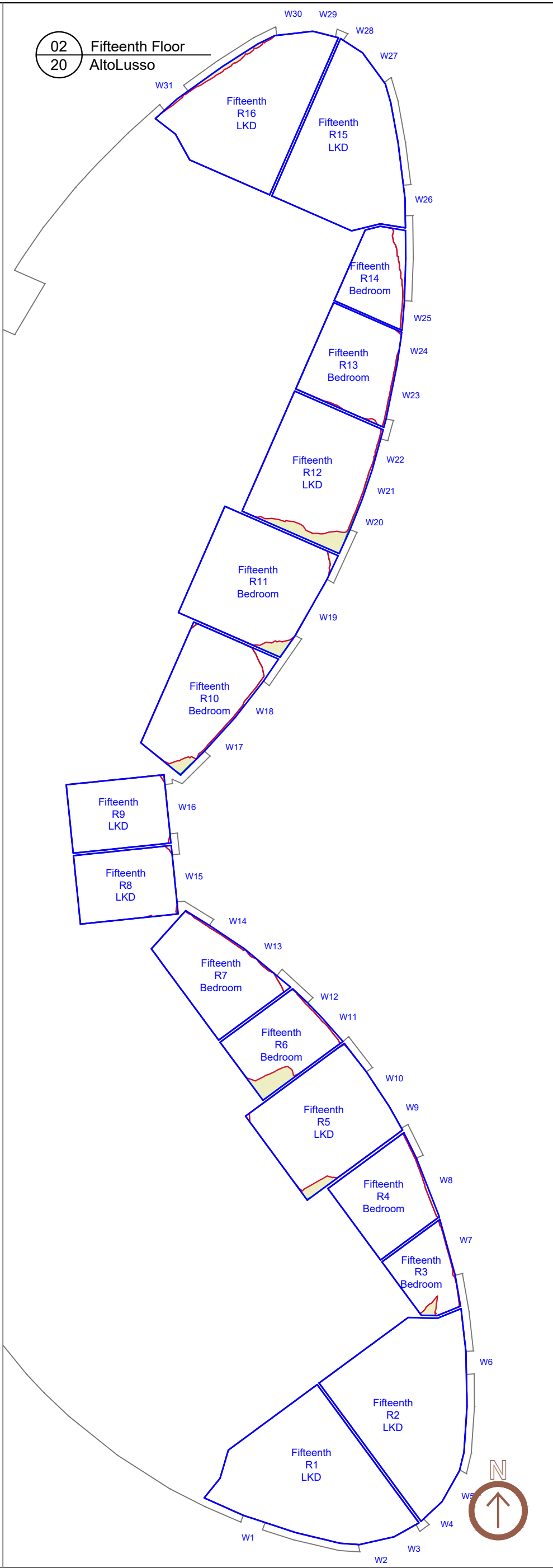
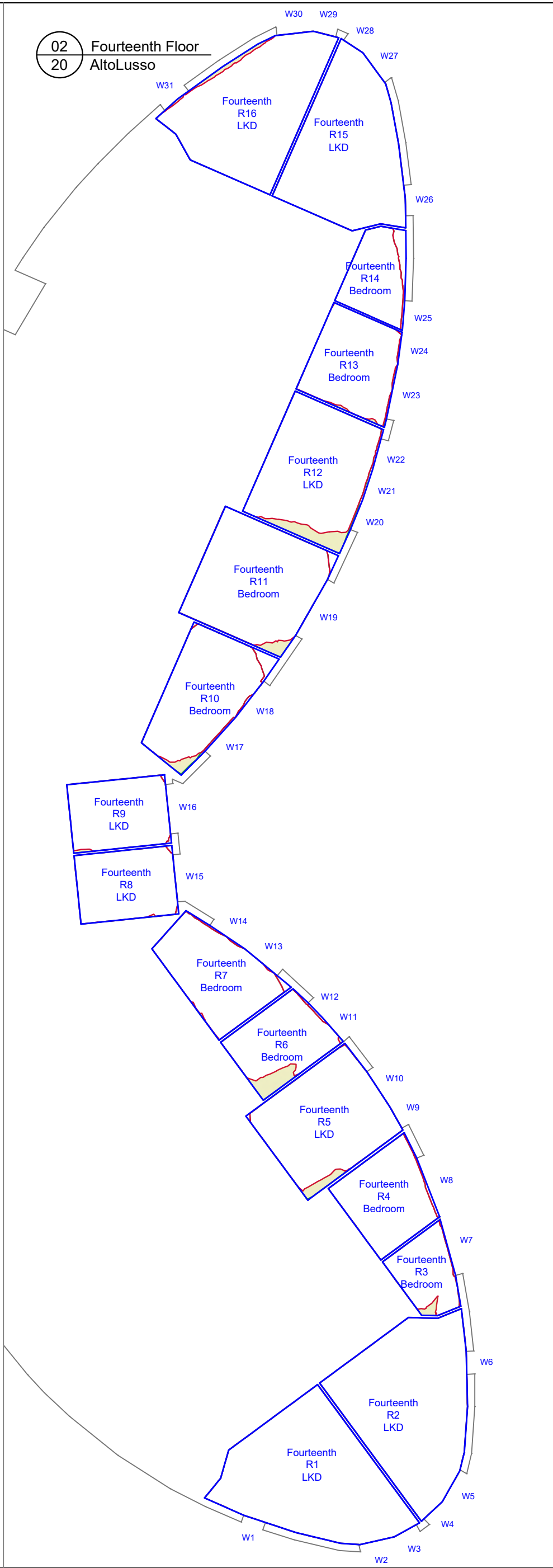
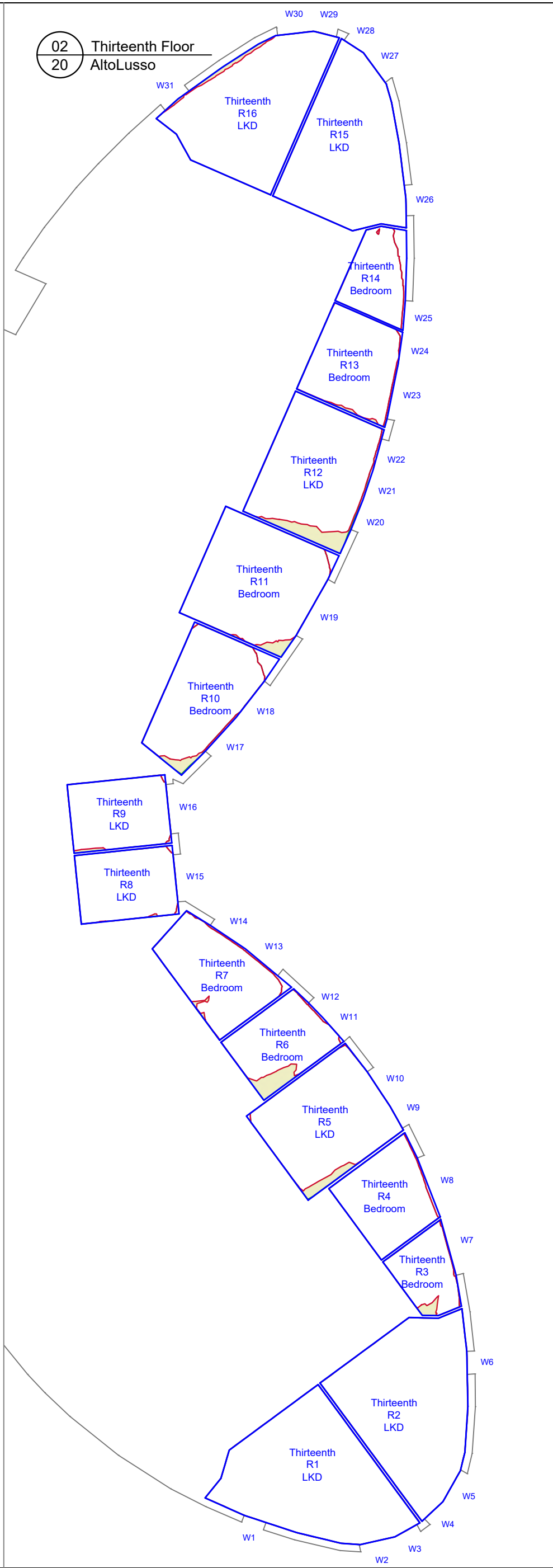
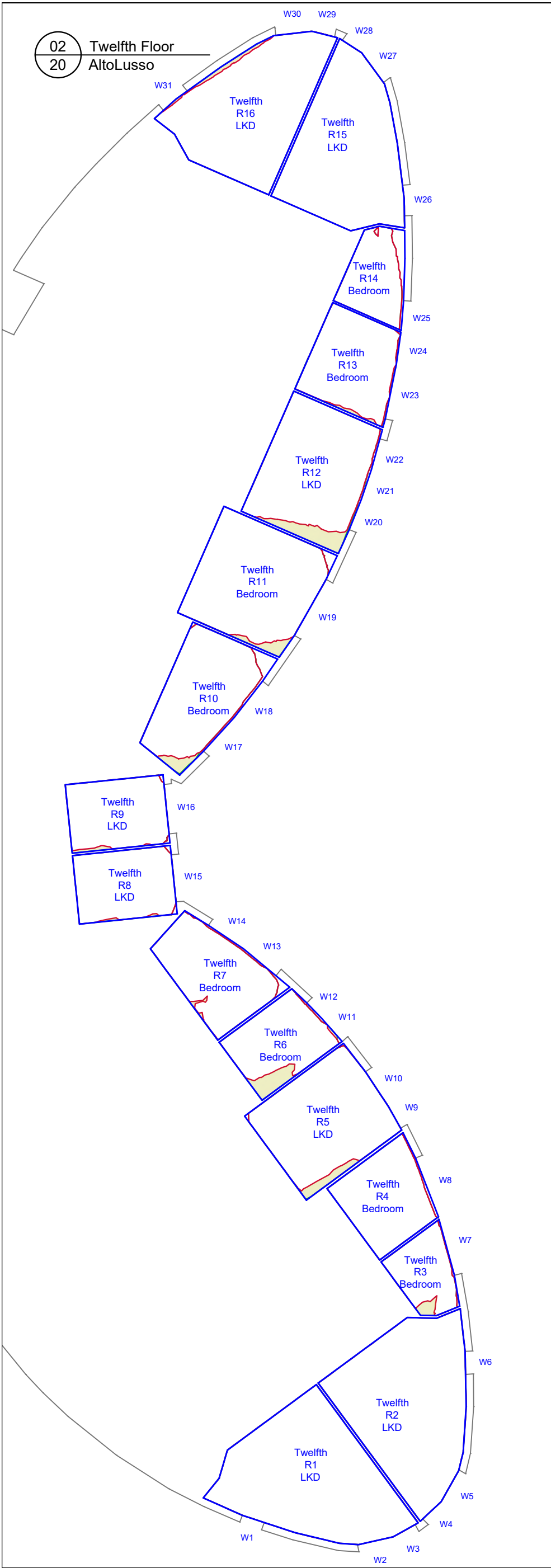
Drawn

RH

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19-00360-02b-19



Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file

Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or
assumed.

Supplemented with site photography, Bing maps and Google
Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guilford Crescent - Consented Scheme
21-01662-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

KEY

- Room Area (Measured Layout)
- Room Area (Assumed Layout)
- Existing No Sky Area
- Proposed No Sky Area
- Area of Loss/Gain

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Daylight Distribution
Contours

Scale

NTS

Date

June 2024

Drawn

RH

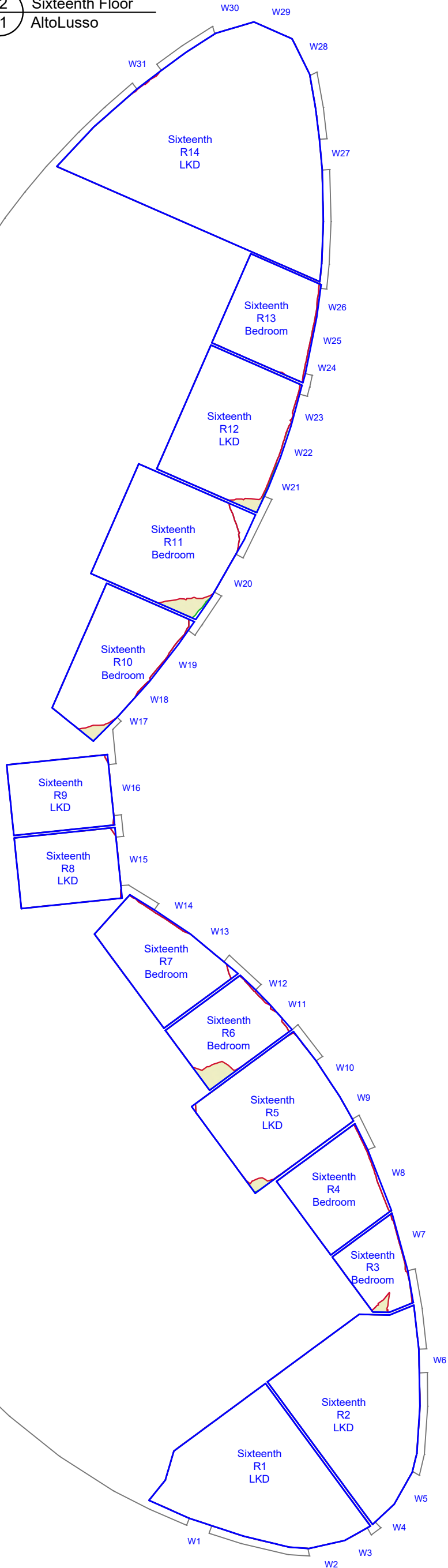
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Tel: 0870 777 6292 www.rapleys.com

19-00360-02b-20

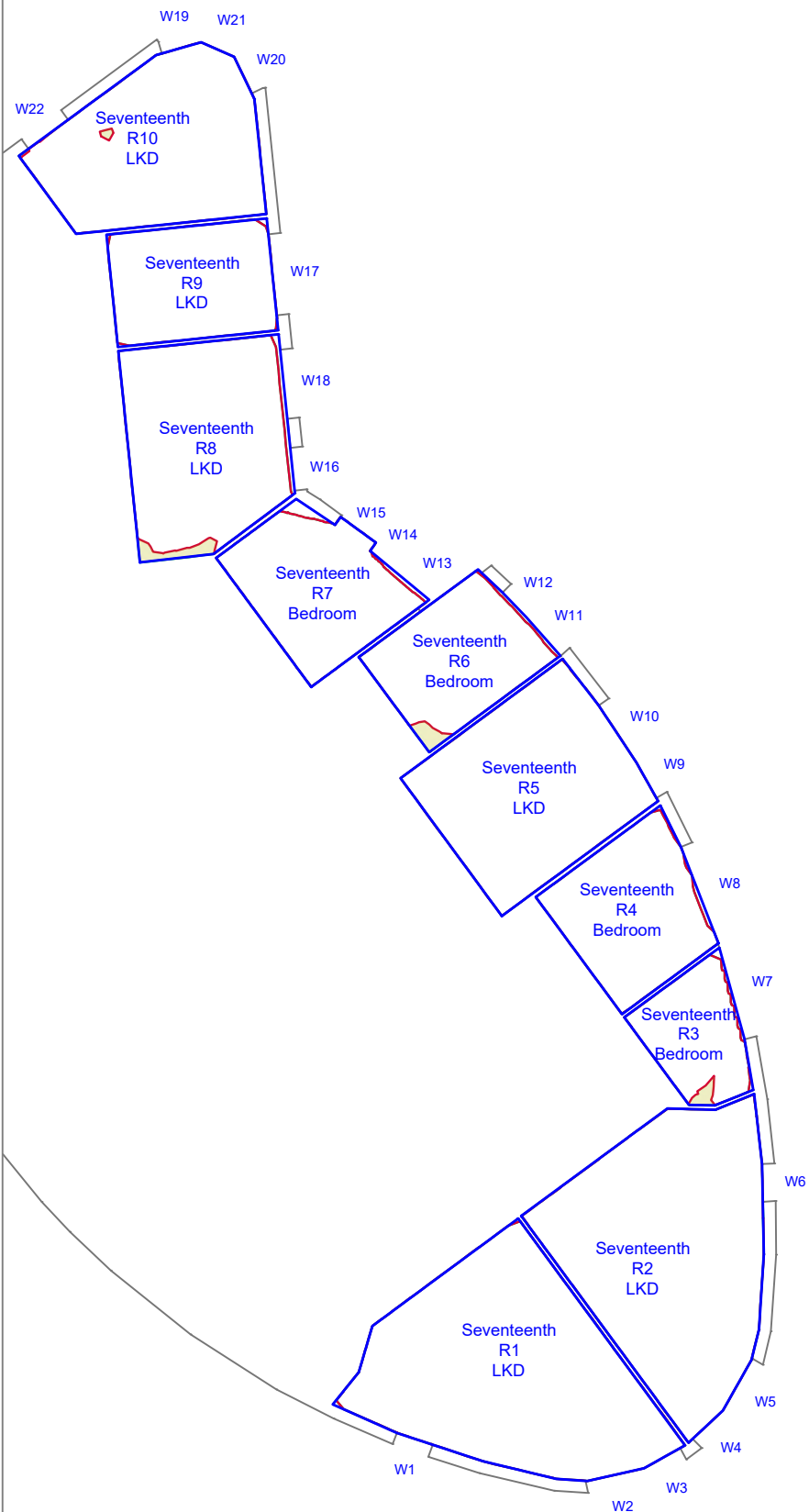
02
21

Sixteenth Floor
AltoLusso



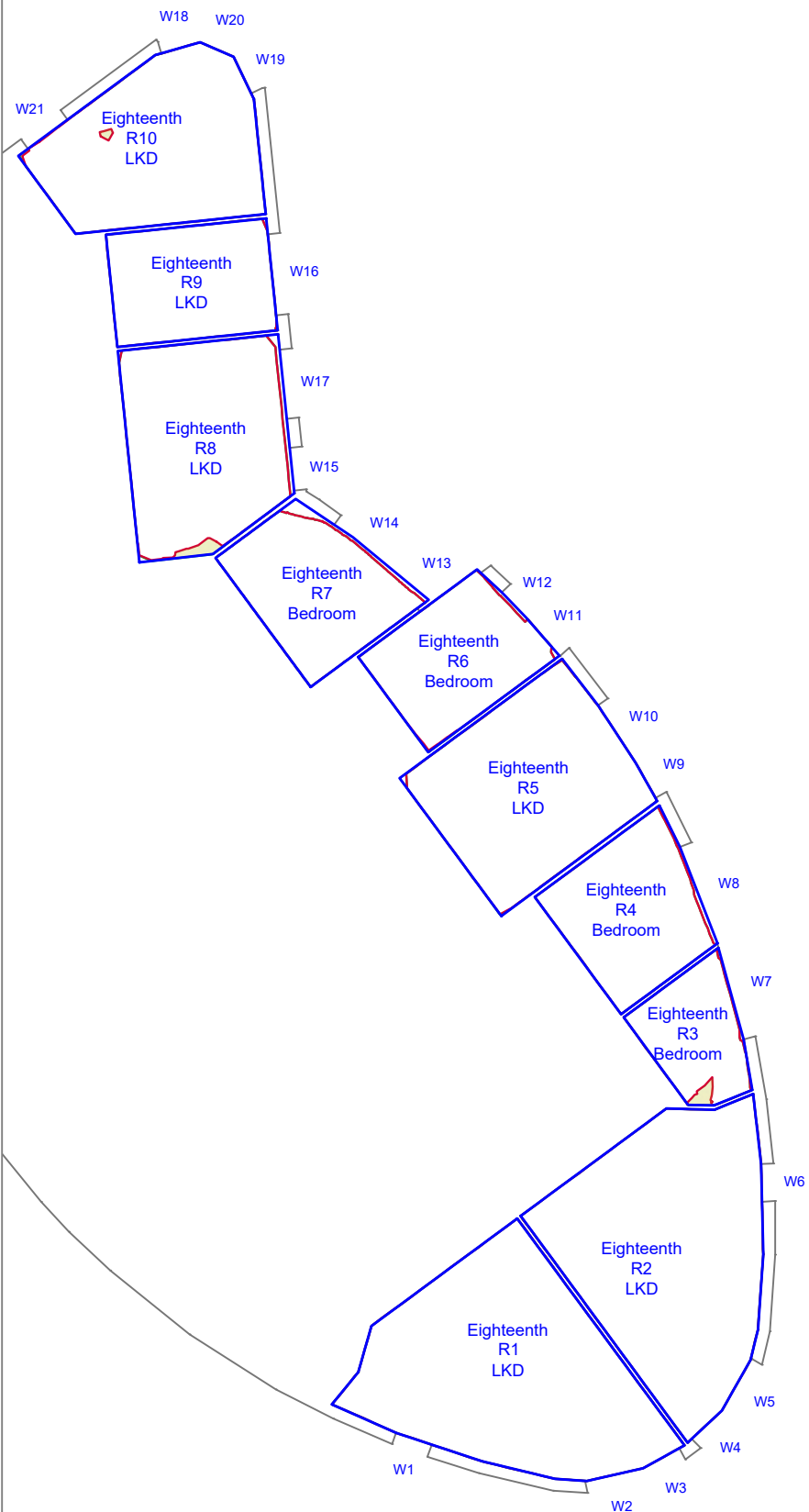
02
21

Seventeenth Floor
AltoLusso



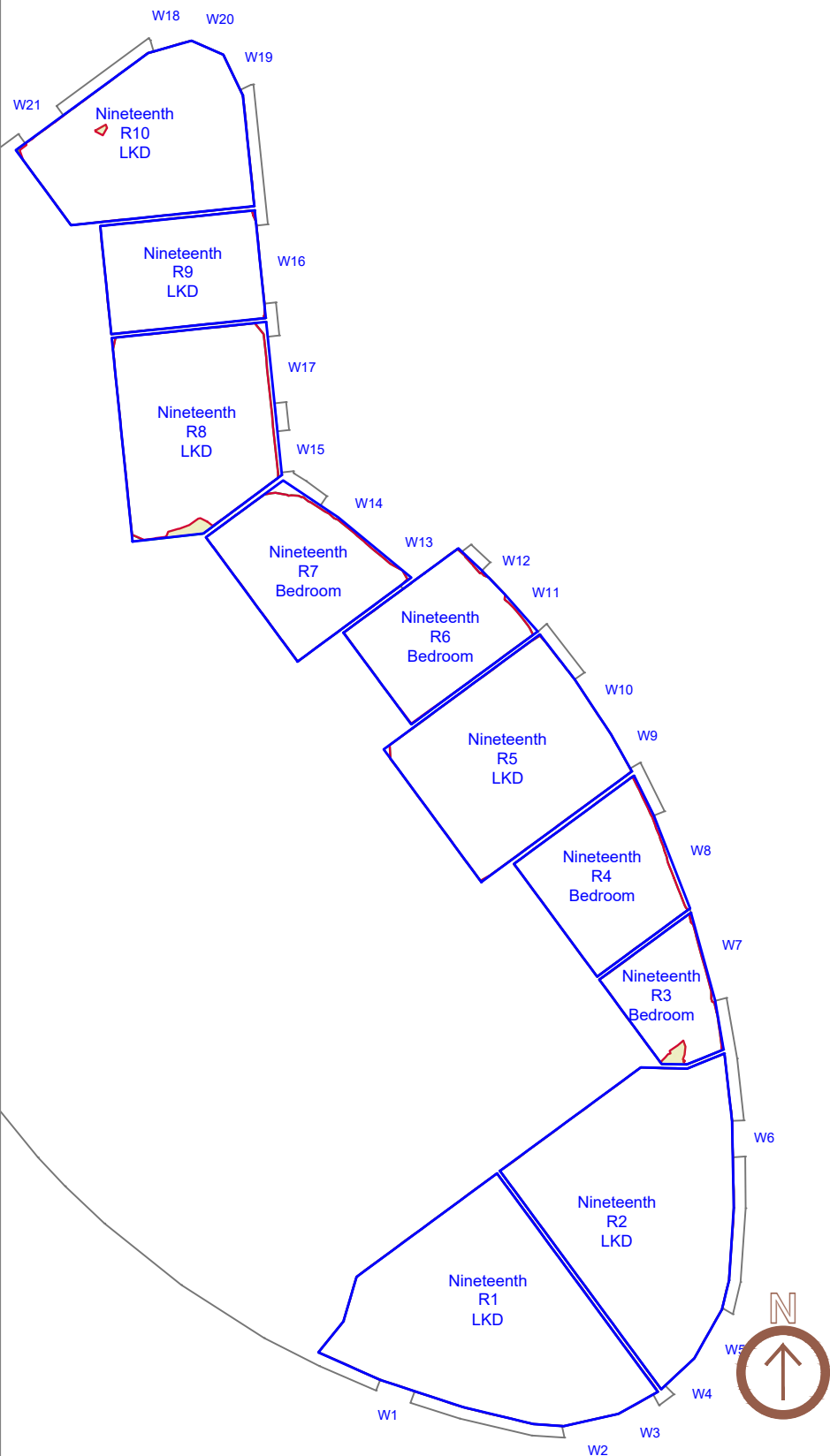
02
21

Eighteenth Floor
AltoLusso



02
21

Nineteenth Floor
AltoLusso



Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.

Supplemented with site photography, Bing maps and Google Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guilford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

- KEY
- Room Area (Measured Layout)
 - Room Area (Assumed Layout)
 - Existing No Sky Area
 - Proposed No Sky Area
 - Area of Loss/Gain

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Daylight Distribution
Contours

Scale
NTS

Date
June 2024

Drawn
RH

RAPLEYS

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MANCHESTER M2 2BY
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19-00360-02b-21

Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or assumed.

Supplemented with site photography, Bing maps and Google Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guilford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

KEY

- Room Area (Measured Layout)
- Room Area (Assumed Layout)
- Existing No Sky Area
- Proposed No Sky Area
- Area of Loss/Gain

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Daylight Distribution
Contours

Scale
NTS

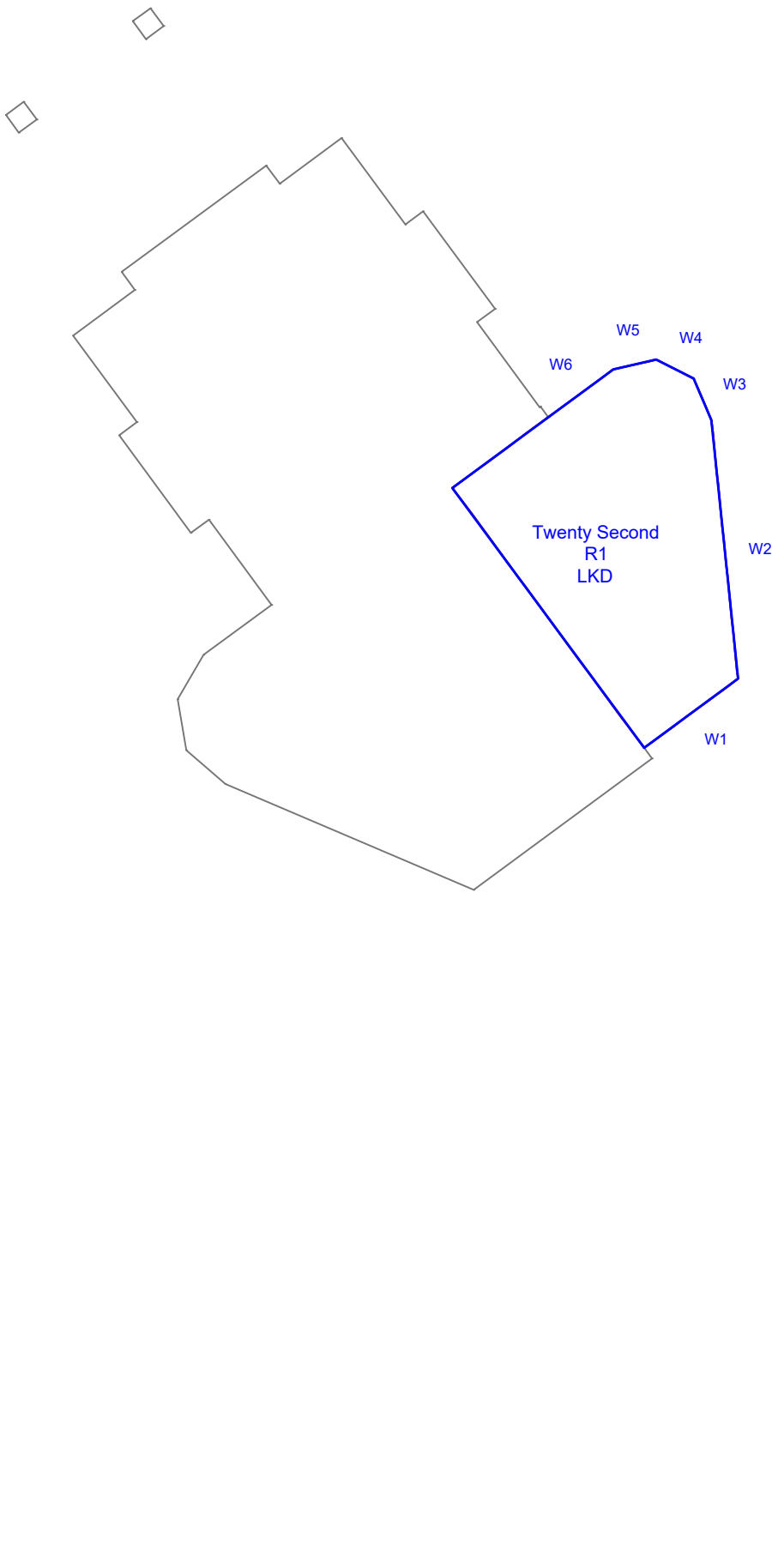
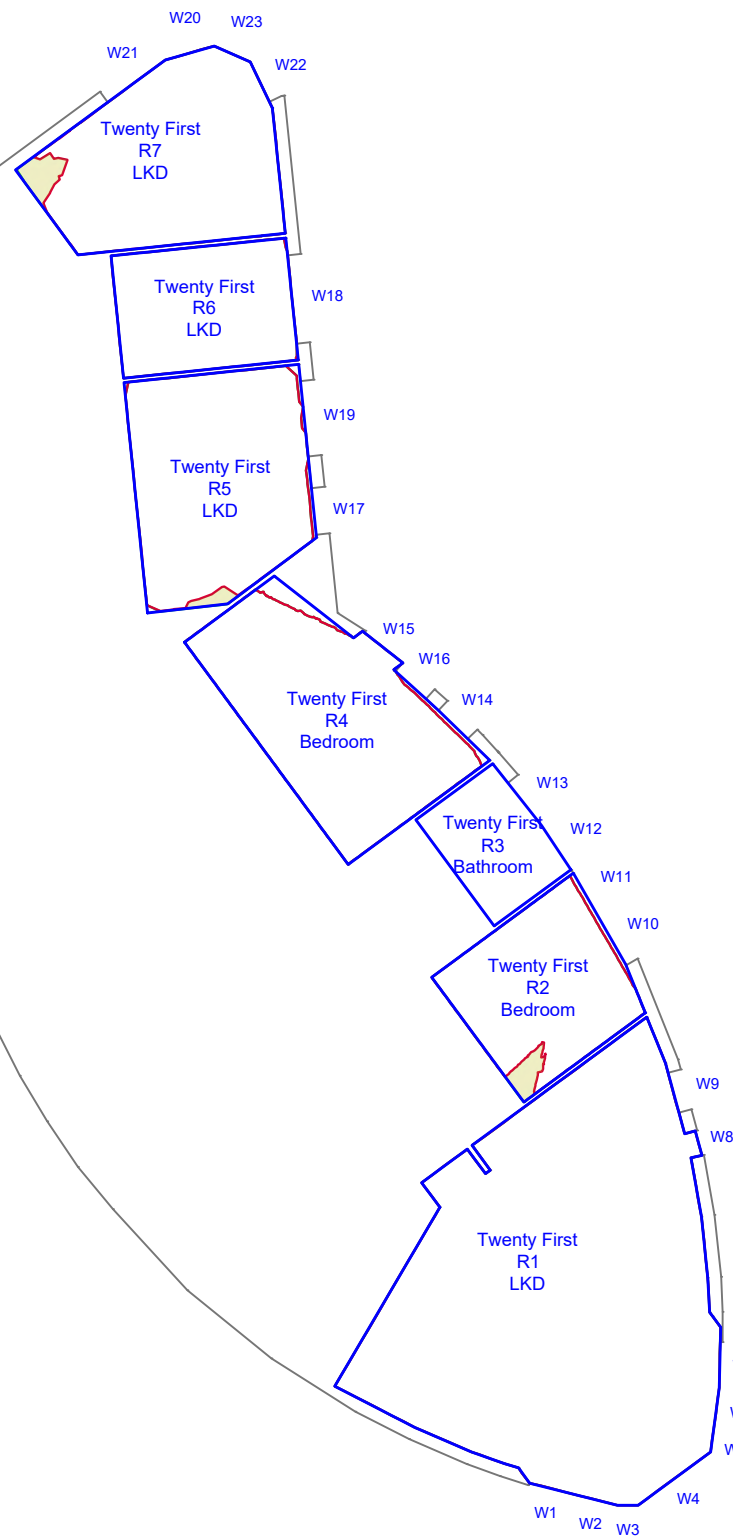
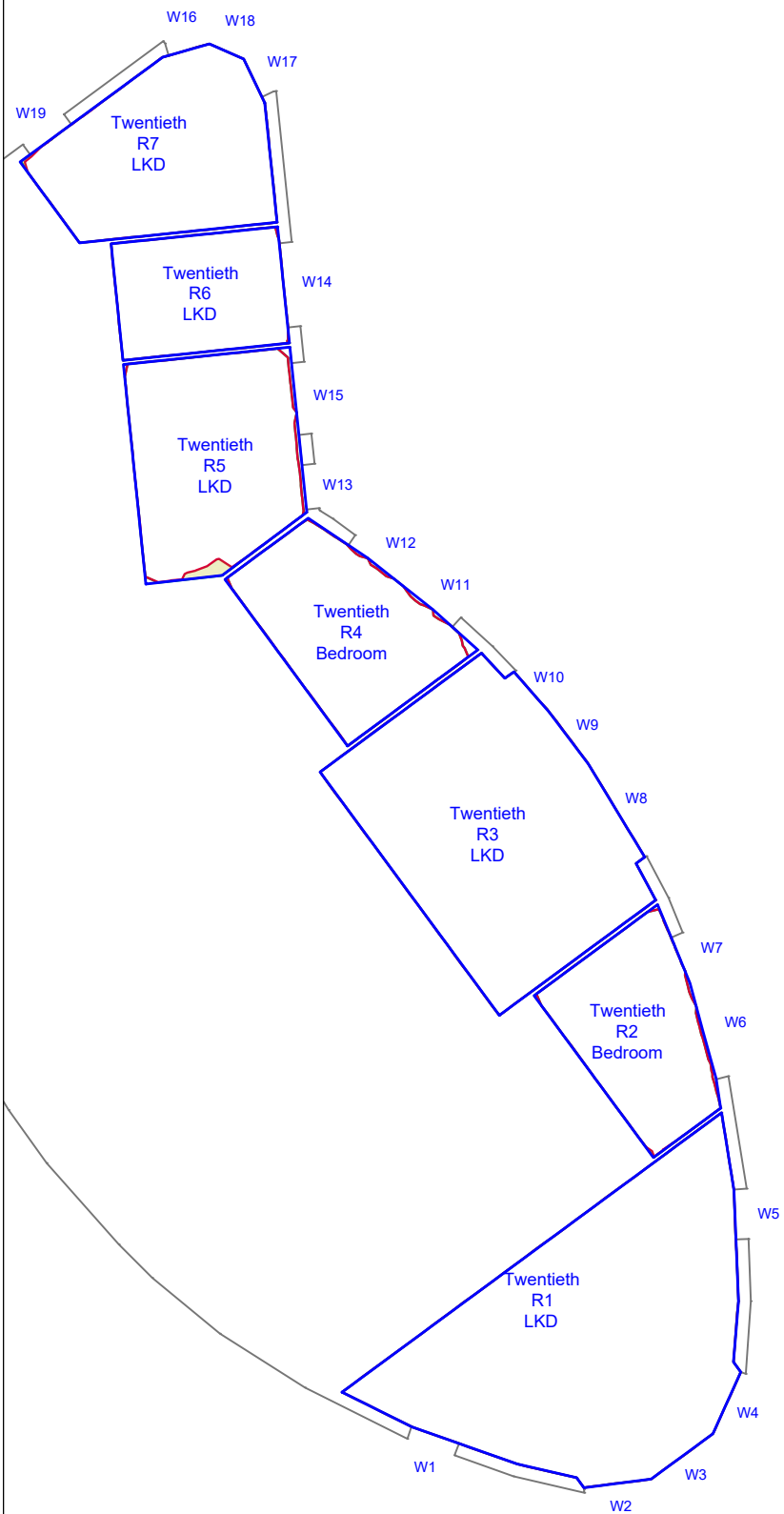
Date
June 2024

Drawn
RH

RAPLEYS

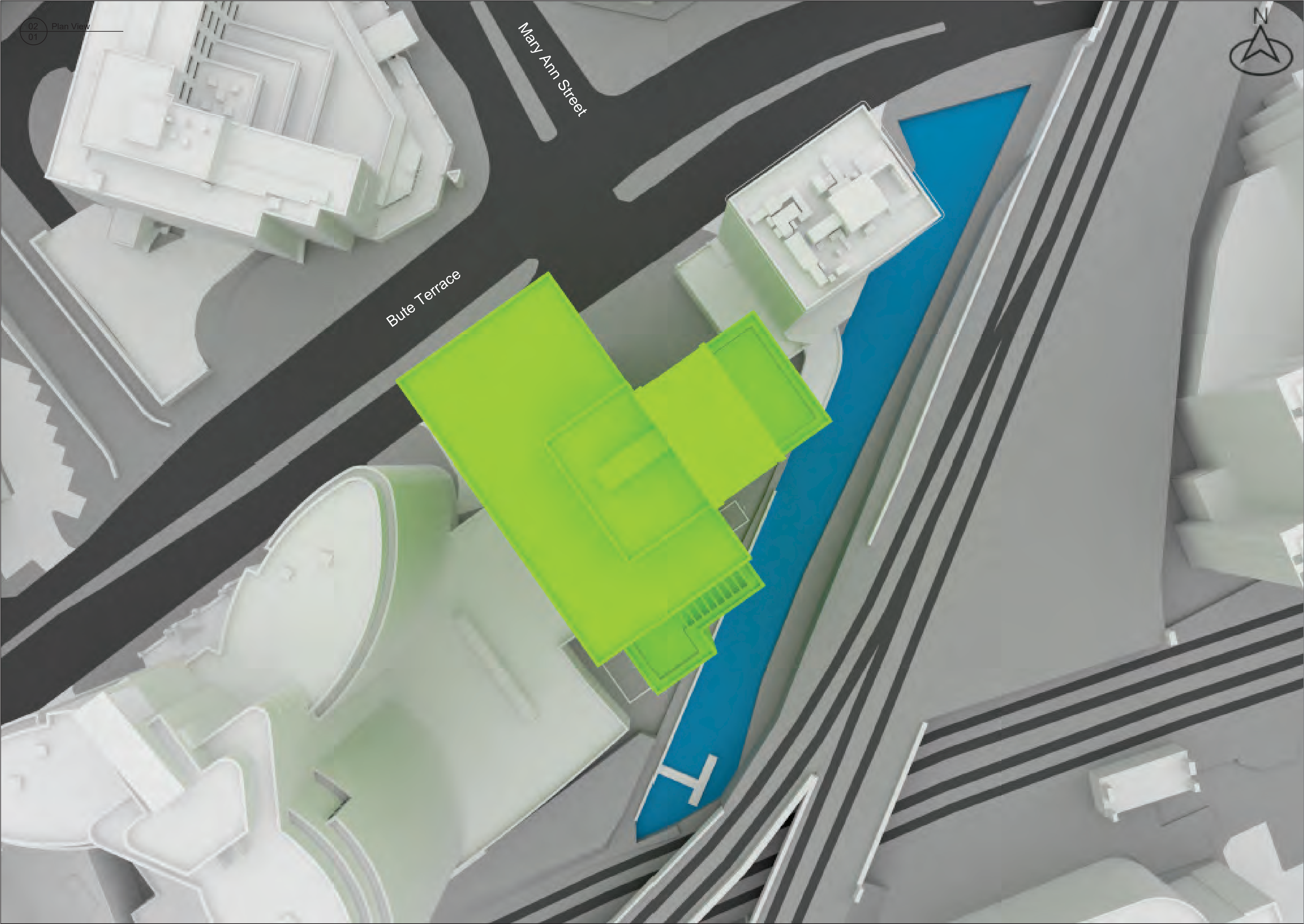
55 Spring Gardens,
MANCHESTER M2 2BY
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19-00360-02b-22



IDA Images





02 Plan View
01



Analysis
Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Surrounding Model
Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg
Supplemented with site photography, Bing maps and Google
Streetsmaps.

Guildford Crescent - Consented Scheme
'21-01682-MJR' - PDF Series

Proposed Model
Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Proposed Plan View

Scale
NTS

Date
August 2024

Drawn
RH

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MANCHESTER M2 2BY
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19-00360-02a-01



02 3d View
02

Analysis
Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)
Surrounding Model
Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg
Supplemented with site photography, Bing maps and Google
Streetmaps.
Guildford Crescent - Consented Scheme
'21-01682-MJR' - PDF Series
Proposed Model
Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Proposed 3d View

Scale	Date	Drawn
NTS	August 2024	RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-02



Analysis
Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Surrounding Model
Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Supplemented with site photography, Bing maps and Google
Streetsmaps.

Guildford Crescent - Consented Scheme
'21-01682-MJR' - PDF Series

Proposed Model
Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Proposed 3d View

Scale	Date	Drawn
NTS	August 2024	RH

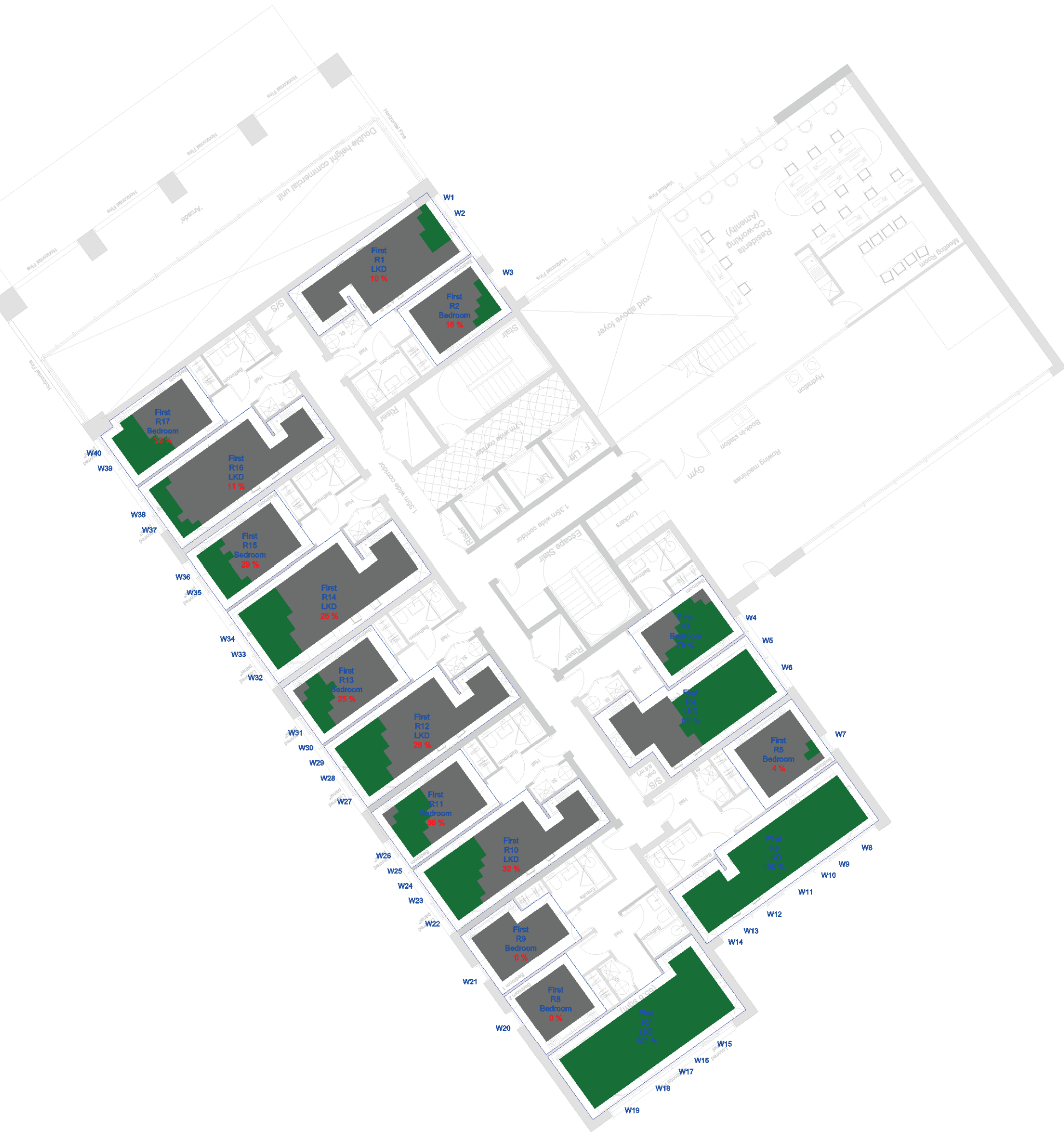
RAPLEYS

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MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-03

SDA Results





Analysis
Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)
Surrounding Model
Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg
Supplemented with site photography, Bing maps and Google Streetmaps.
Guildford Crescent - Consented Scheme
21-01682-MJR - PDF Series
Proposed Model
Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY
Area meeting required target lux
Area not meeting required target lux

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Illuminance Method

Scale
NTS

Date
August 2024

Drawn
RH

RAPLEYS

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MANCHESTER M2 2BY
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19-00360-02a-04



02 Third Floor
05 Harlech Court



02 Fourth Floor
05 Harlech Court



Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Supplemented with site photography, Bing maps and Google
Streetmaps.

Guildford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model

Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY

- Area meeting required target lux
- Area not meeting required target lux

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Illuminance Method

Scale

NTS

Date

August 2024

Drawn

RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-05





Analysis
Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)
Surrounding Model
Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg
Supplemented with site photography, Bing maps and Google Streetmaps.
Guildford Crescent - Consented Scheme
'21-01682-MJR' - PDF Series
Proposed Model
Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY
Area meeting required target lux
Area not meeting required target lux

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Illuminance Method

Scale
NTS

Date
August 2024

Drawn
RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-06





Analysis
Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Surrounding Model
Models derived from 3d terrestrial laser scan survey pointcloud and AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Supplemented with site photography, Bing maps and Google Streetmaps.

Guildford Crescent - Consented Scheme
Z1-01682-MJR - PDF Series

Proposed Model
Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY

Area meeting required target lux

Area not meeting required target lux

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Illuminance Method

Scale
NTS

Date
August 2024

Drawn
RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-07





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Supplemented with site photography, Bing maps and Google
Streetsmaps.

Guildford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model

Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY

- Area meeting required target lux
- Area not meeting required target lux

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Illuminance Method

Scale

NTS

Date

August 2024

Drawn

RH

RAPLEYS

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MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-08





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Supplemented with site photography, Bing maps and Google
Streetmaps.

Guildford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY

- Area meeting required target lux
- Area not meeting required target lux

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Illuminance Method

Scale
NTS

Date
August 2024

Drawn
RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-09





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Supplemented with site photography, Bing maps and Google
Streetsmaps.

Guildford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY

- Area meeting required target lux
- Area not meeting required target lux

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Illuminance Method

Scale
NTS

Date
August 2024

Drawn
RH

RAPLEYS

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MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-10





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Supplemented with site photography, Bing maps and Google
Streetsmaps.

Guildford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model

Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY

- Area meeting required target lux
- Area not meeting required target lux

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Illuminance Method

Scale

NTS

Date

August 2024

Drawn

RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-11





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Supplemented with site photography, Bing maps and Google
Streetsmaps.

Guildford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model

Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY

- Area meeting required target lux
- Area not meeting required target lux

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Illuminance Method

Scale

NTS

Date

August 2024

Drawn

RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-12





Analysis
Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)
Surrounding Model
Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg
Supplemented with site photography, Bing maps and Google
Streetsmaps.
Guildford Crescent - Consented Scheme
21-01682-MJR - PDF Series
Proposed Model
Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY
Area meeting required target lux
Area not meeting required target lux

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Illuminance Method

Scale Date Drawn
NTS August 2024 RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-13





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Surrounding Mode

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities tile.
Ref: 003284_Harlech Court, Bute St, Cardiff HD_MASTER.dwg

Supplemented with site photography, Bing maps and Google Streetmaps.

Guildford Crescent - Consented Scheme
'21-01682-MJR' - PDF Series

Proposed Model

Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY

■ Area meeting required target lux

■ Area not meeting required target lux

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Illuminance Method

Scale

NTS

Date _____

August 2024

Drawn

RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-14





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Supplemented with site photography, Bing maps and Google
Streetsmaps.

Guildford Crescent - Consented Scheme
'21-01682-MJR' - PDF Series

Proposed Model
Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY

- Area meeting required target lux
- Area not meeting required target lux

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Illuminance Method

Scale
NTS

Date
August 2024

Drawn
RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-15





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Supplemented with site photography, Bing maps and Google
Streetsmaps.

Guildford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model

Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY

- Area meeting required target lux
- Area not meeting required target lux

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Illuminance Method

Scale

NTS

Date

August 2024

Drawn

RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-16



02 Twenty Seventh Floor
17 Harlech Court



02 Twenty Eighth Floor
17 Harlech Court



Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Supplemented with site photography, Bing maps and Google
Streetsmaps.

Guildford Crescent - Consented Scheme
"21-01682-MJR" - PDF Series

Proposed Model
Received 18.07.2024
Ref: CWA PAC Proposals (July 2024) CLEAN FOR EMAIL (1).dwg

KEY

- Area meeting required target lux
- Area not meeting required target lux

Client
Harlech Court Limited

Job Title
Harlech Court, Cardiff

Drawing Title
Illuminance Method

Scale
NTS

Date
August 2024

Drawn
RH

RAPLEYS

55 Spring Gardens,
MANCHESTER M2 2BY
Tel: 0870 777 6292 www.rapleys.com

19-00360-02a-17



Project Name: Harlech Court, Cardiff - No Meshes Project No.: 19-00360-02a Report Title: SDA BS En17037 Analysis - Proposed Scheme Date of Analysis: 20/08/2024														
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria	
									Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours		
Harlech Court														
First	R1	Residential	LKD	18.24	12.42	49	1.26	10%	150	50%	50%	4380	NO	
	R2	Residential	Bedroom	9.85	6.40	50	1.01	16%	100	50%	50%	4380	NO	
	R3	Residential	Bedroom	10.31	6.79	117	4.75	70%	100	50%	50%	4380	YES	
	R4	Residential	LKD	19.60	13.69	189	8.18	60%	150	50%	50%	4380	YES	
	R5	Residential	Bedroom	9.94	6.51	129	4.79	74%	100	50%	50%	4380	YES	
	R6	Residential	LKD	22.77	16.08	943	16.08	100%	150	50%	50%	4380	YES	
	R7	Residential	LKD	23.62	17.35	533	17.35	100%	150	50%	50%	4380	YES	
	R8	Residential	Bedroom	8.26	5.17	85	1.57	30%	100	50%	50%	4380	NO	
	R9	Residential	Bedroom	10.01	6.38	74	2.38	37%	100	50%	50%	4380	NO	
	R10	Residential	LKD	20.16	13.95	88	4.53	32%	150	50%	50%	4380	NO	
	R11	Residential	Bedroom	11.61	7.77	72	2.78	36%	100	50%	50%	4380	NO	
	R12	Residential	LKD	20.16	13.95	75	3.91	28%	150	50%	50%	4380	NO	
	R13	Residential	Bedroom	11.61	7.77	56	1.94	25%	100	50%	50%	4380	NO	
	R14	Residential	LKD	23.86	17.35	70	4.43	26%	150	50%	50%	4380	NO	
	R15	Residential	Bedroom	11.61	7.77	67	2.22	29%	100	50%	50%	4380	NO	
	R16	Residential	LKD	20.16	13.95	38	1.51	11%	150	50%	50%	4380	NO	
	R17	Residential	Bedroom	11.44	7.60	83	2.87	38%	100	50%	50%	4380	NO	
Second	R1	Residential	LKD	24.22	17.81	391	17.81	100%	150	50%	50%	4380	YES	
	R2	Residential	LKD	18.24	12.42	52	1.62	13%	150	50%	50%	4380	NO	
	R3	Residential	Bedroom	9.86	6.41	51	1.10	17%	100	50%	50%	4380	NO	
	R4	Residential	LKD	21.48	15.52	139	7.14	46%	150	50%	50%	4380	NO	
	R5	Residential	Bedroom	7.30	4.41	167	3.76	85%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	7.97	4.94	158	4.15	84%	100	50%	50%	4380	YES	
	R7	Residential	Bedroom	7.48	4.55	207	4.55	100%	100	50%	50%	4380	YES	
	R8	Residential	LKD	22.91	16.72	287	12.02	72%	150	50%	50%	4380	YES	
	R9	Residential	LKD	19.13	13.54	570	13.54	100%	150	50%	50%	4380	YES	
	R10	Residential	Bedroom	8.32	5.17	199	5.17	100%	100	50%	50%	4380	YES	
	R11	Residential	Bedroom	7.24	4.34	366	4.34	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	21.59	16.19	275	15.57	96%	150	50%	50%	4380	YES	
	R13	Residential	Bedroom	7.99	4.96	190	4.96	100%	100	50%	50%	4380	YES	
	R14	Residential	Bedroom	10.31	6.79	60	1.07	16%	100	50%	50%	4380	NO	
	R15	Residential	LKD	19.60	13.69	165	7.41	54%	150	50%	50%	4380	YES	
	R16	Residential	Bedroom	9.94	6.51	137	5.33	82%	100	50%	50%	4380	YES	
	R17	Residential	LKD	22.77	16.08	998	16.08	100%	150	50%	50%	4380	YES	
	R18	Residential	LKD	23.62	17.35	573	17.35	100%	150	50%	50%	4380	YES	
	R19	Residential	Bedroom	8.26	5.17	97	2.31	45%	100	50%	50%	4380	NO	
	R20	Residential	Bedroom	10.01	6.38	85	2.67	42%	100	50%	50%	4380	NO	
	R21	Residential	LKD	20.16	13.95	109	5.33	38%	150	50%	50%	4380	NO	
	R22	Residential	Bedroom	11.61	7.77	90	3.61	46%	100	50%	50%	4380	NO	
	R23	Residential	LKD	20.16	13.95	95	4.53	32%	150	50%	50%	4380	NO	
	R24	Residential	Bedroom	11.61	7.77	69	2.59	33%	100	50%	50%	4380	NO	
	R25	Residential	LKD	23.86	17.35	86	5.20	30%	150	50%	50%	4380	NO	
	R26	Residential	Bedroom	11.61	7.77	78	2.87	37%	100	50%	50%	4380	NO	
	R27	Residential	LKD	20.16	13.95	46	1.87	13%	150	50%	50%	4380	NO	
	R28	Residential	Bedroom	11.61	7.77	95	3.61	46%	100	50%	50%	4380	NO	
	R29	Residential	LKD	21.24	15.37	482	15.37	100%	150	50%	50%	4380	YES	
	R30	Residential	Bedroom	7.66	4.70	517	4.70	100%	100	50%	50%	4380	YES	
	R31	Residential	Bedroom	7.57	4.59	375	4.59	100%	100	50%	50%	4380	YES	
Third	R1	Residential	LKD	24.22	17.81	393	17.81	100%	150	50%	50%	4380	YES	
	R2	Residential	LKD	18.24	12.42	59	2.07	17%	150	50%	50%	4380	NO	
	R3	Residential	Bedroom	9.86	6.41	56	1.10	17%	100	50%	50%	4380	NO	
	R4	Residential	LKD	21.48	15.52	148	7.67	49%	150	50%	50%	4380	NO	
	R5	Residential	Bedroom	7.30	4.41	176	4.04	92%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	7.97	4.94	167	4.41	89%	100	50%	50%	4380	YES	
	R7	Residential	Bedroom	7.48	4.55	218	4.55	100%	100	50%	50%	4380	YES	
	R8	Residential	LKD	22.91	16.72	318	12.96	78%	150	50%	50%	4380	YES	
	R9	Residential	LKD	19.13	13.54	617	13.54	100%	150	50%	50%	4380	YES	
	R10	Residential	Bedroom	8.32	5.17	231	5.17	100%	100	50%	50%	4380	YES	
	R11	Residential	Bedroom	7.24	4.34	356	4.34	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	21.59	16.19	291	16.10	99%	150	50%	50%	4380	YES	
	R13	Residential	Bedroom	7.99	4.96	200	4.96	100%	100	50%	50%	4380	YES	
	R14	Residential	Bedroom	10.31	6.79	63	1.26	19%	100	50%	50%	4380	NO	
	R15	Residential	LKD	19.60	13.69	163	7.51	55%	150	50%	50%	4380	YES	
	R16	Residential	Bedroom	9.94	6.51	144	5.70	88%	100	50%	50%	4380	YES	
	R17	Residential	LKD	22.77	16.08	1066	16.08	100%	150	50%	50%	4380	YES	
	R18	Residential	LKD	23.62	17.35	593	17.35	100%	150	50%	50%	4380	YES	
	R19	Residential	Bedroom	8.26	5.17	104	2.95	57%	100	50%	50%	4380	YES	
	R20	Residential	Bedroom	10.01	6.38	93	2.95	46%	100	50%	50%	4380	NO	
	R21	Residential	LKD	20.16	13.95	126	5.95	43%	150	50%	50%	4380	NO	
	R22	Residential	Bedroom	11.61	7.77	100	3.89	50%	100	50%	50%	4380	YES	
	R23	Residential	LKD	20.16	13.95	110	5.15	37%	150	50%	50%	4380	NO	
	R24	Residential	Bedroom	11.61	7.77	78	3.24	42%	100	50%	50%	4380	NO	
	R25	Residential	LKD	23.86	17.35	97	5.78	33%	150	50%	50%	4380	NO	
	R26	Residential	Bedroom	11.61	7.77	87	3.15	40%	100	50%	50%	4380	NO	
	R27	Residential	LKD	20.16	13.95	51	1.78	13%	150	50%	50%	4380	NO	
	R28	Residential	Bedroom	11.61	7.77	104	3.98	51%	100	50%	50%	4380	YES	
	R29	Residential	LKD	21.24	15.37	357	15.37	100%	150	50%	50%	4380	YES	
	R30	Residential	Bedroom	7.66	4.70	384	4.70	100%	100	50%	50%	4380	YES	
	R31	Residential	Bedroom	7.57	4.59	574	4.59	100%	100	50%	50%	4380	YES	
Fourth	R1	Residential	LKD	24.22	17.81	605	17.81	100%	150	50%	50%	4380	YES	
	R2	Residential	LKD	18.24	12.42	63	2.16	17%	150	50%	50%	4380	NO	
	R3	Residential	Bedroom	9.86	6.41	60	1.37	21%	100	50%	50%	4380	NO	
	R4	Residential	LKD	21.48	15.52	156	7.94	51%	150	50%	50%	4380	YES	
	R5	Residential	Bedroom	7.30	4.41	185	4.13	94%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	7.97	4.94	175	4.76	96%	100	50%	50%	4380	YES	
	R7	Residential	Bedroom	7.48	4.55	230	4.55	100%	100	50%	50%	4380	YES	

Project Name: Harlech Court, Cardiff - No Meshes
Project No.: 19-00360-02a
Report Title: SDA BS En17037 Analysis - Proposed Scheme
Date of Analysis: 20/08/2024

										Criteria				Meets Criteria
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux		Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R8	Residential	LKD	22.91	16.72	340	13.52	81%		150	50%	50%	4380	YES
	R9	Residential	LKD	19.13	13.54	659	13.54	100%		150	50%	50%	4380	YES
	R10	Residential	Bedroom	8.32	5.17	794	5.17	100%		100	50%	50%	4380	YES
	R11	Residential	Bedroom	7.24	4.34	369	4.34	100%		100	50%	50%	4380	YES
	R12	Residential	LKD	21.59	16.19	307	16.19	100%		150	50%	50%	4380	YES
	R13	Residential	Bedroom	7.99	4.96	210	4.96	100%		100	50%	50%	4380	YES
	R14	Residential	Bedroom	10.31	6.79	68	1.26	19%		100	50%	50%	4380	NO
	R15	Residential	LKD	19.60	13.69	172	7.99	58%		150	50%	50%	4380	YES
	R16	Residential	Bedroom	9.94	6.51	152	6.15	94%		100	50%	50%	4380	YES
	R17	Residential	LKD	22.77	16.08	1096	16.08	100%		150	50%	50%	4380	YES
	R18	Residential	LKD	23.62	17.35	621	17.35	100%		150	50%	50%	4380	YES
	R19	Residential	Bedroom	8.26	5.17	110	3.69	71%		100	50%	50%	4380	YES
	R20	Residential	Bedroom	10.01	6.38	98	3.14	49%		100	50%	50%	4380	NO
	R21	Residential	LKD	20.16	13.95	130	6.40	46%		150	50%	50%	4380	NO
	R22	Residential	Bedroom	11.61	7.77	114	4.53	58%		100	50%	50%	4380	YES
	R23	Residential	LKD	20.16	13.95	120	5.51	39%		150	50%	50%	4380	NO
	R24	Residential	Bedroom	11.61	7.77	100	3.89	50%		100	50%	50%	4380	YES
	R25	Residential	LKD	23.86	17.35	109	6.46	37%		150	50%	50%	4380	NO
	R26	Residential	Bedroom	11.61	7.77	96	3.70	48%		100	50%	50%	4380	NO
	R27	Residential	LKD	20.16	13.95	55	2.13	15%		150	50%	50%	4380	NO
	R28	Residential	Bedroom	11.61	7.77	108	4.35	56%		100	50%	50%	4380	YES
	R29	Residential	LKD	21.24	15.37	381	15.37	100%		150	50%	50%	4380	YES
	R30	Residential	Bedroom	7.66	4.70	411	4.70	100%		100	50%	50%	4380	YES
	R31	Residential	Bedroom	7.57	4.59	605	4.59	100%		100	50%	50%	4380	YES
Fifth	R1	Residential	LKD	24.22	17.81	630	17.81	100%		150	50%	50%	4380	YES
	R2	Residential	LKD	18.24	12.42	68	2.61	21%		150	50%	50%	4380	NO
	R3	Residential	Bedroom	9.86	6.41	63	1.46	23%		100	50%	50%	4380	NO
	R4	Residential	LKD	21.48	15.52	164	8.39	54%		150	50%	50%	4380	YES
	R5	Residential	Bedroom	7.30	4.41	191	4.13	94%		100	50%	50%	4380	YES
	R6	Residential	Bedroom	7.97	4.94	182	4.85	98%		100	50%	50%	4380	YES
	R7	Residential	Bedroom	7.48	4.55	241	4.55	100%		100	50%	50%	4380	YES
	R8	Residential	LKD	22.91	16.72	359	14.37	86%		150	50%	50%	4380	YES
	R9	Residential	LKD	19.13	13.54	698	13.54	100%		150	50%	50%	4380	YES
	R10	Residential	Bedroom	8.32	5.17	256	5.17	100%		100	50%	50%	4380	YES
	R11	Residential	Bedroom	7.24	4.34	384	4.34	100%		100	50%	50%	4380	YES
	R12	Residential	LKD	21.59	16.19	320	16.19	100%		150	50%	50%	4380	YES
	R13	Residential	Bedroom	7.99	4.96	218	4.96	100%		100	50%	50%	4380	YES
	R14	Residential	Bedroom	10.31	6.79	71	1.45	21%		100	50%	50%	4380	NO
	R15	Residential	LKD	19.60	13.69	191	8.37	61%		150	50%	50%	4380	YES
	R16	Residential	Bedroom	9.94	6.51	160	6.33	97%		100	50%	50%	4380	YES
	R17	Residential	LKD	22.77	16.08	1097	16.08	100%		150	50%	50%	4380	YES
	R18	Residential	LKD	23.62	17.35	651	17.35	100%		150	50%	50%	4380	YES
	R19	Residential	Bedroom	8.26	5.17	116	4.25	82%		100	50%	50%	4380	YES
	R20	Residential	Bedroom	10.01	6.38	105	3.72	58%		100	50%	50%	4380	YES
	R21	Residential	LKD	20.16	13.95	143	6.75	48%		150	50%	50%	4380	NO
	R22	Residential	Bedroom	11.61	7.77	117	4.63	60%		100	50%	50%	4380	YES
	R23	Residential	LKD	20.16	13.95	129	6.04	43%		150	50%	50%	4380	NO
	R24	Residential	Bedroom	11.61	7.77	93	3.70	48%		100	50%	50%	4380	NO
Sixth	R25	Residential	LKD	23.86	17.35	116	6.75	39%		150	50%	50%	4380	NO
	R26	Residential	Bedroom	11.61	7.77	101	3.98	51%		100	50%	50%	4380	YES
	R27	Residential	LKD	20.16	13.95	59	2.40	17%		150	50%	50%	4380	NO
	R28	Residential	Bedroom	11.61	7.77	114	4.63	60%		100	50%	50%	4380	YES
	R29	Residential	LKD	21.24	15.37	413	15.37	100%		150	50%	50%	4380	YES
	R30	Residential	Bedroom	7.66	4.70	429	4.70	100%		100	50%	50%	4380	YES
	R31	Residential	Bedroom	7.57	4.59	629	4.59	100%		100	50%	50%	4380	YES
	R1	Residential	LKD	24.22	17.81	448	17.81	100%		150	50%	50%	4380	YES
	R2	Residential	LKD	18.24	12.42	73	3.06	25%		150	50%	50%	4380	NO
	R3	Residential	Bedroom	9.86	6.41	67	1.83	29%		100	50%	50%	4380	NO
	R4	Residential	LKD	21.48	15.52	171	8.65	56%		150	50%	50%	4380	YES
	R5	Residential	Bedroom	7.30	4.41	200	4.13	94%		100	50%	50%	4380	YES
	R6	Residential	Bedroom	7.97	4.94	188	4.94	100%		100	50%	50%	4380	YES
	R7	Residential	Bedroom	7.48	4.55	246	4.55	100%		100	50%	50%	4380	YES
	R8	Residential	LKD	22.91	16.72	374	15.87	95%		150	50%	50%	4380	YES
	R9	Residential	LKD	19.13	13.54	722	13.54	100%		150	50%	50%	4380	YES
	R10	Residential	Bedroom	8.32	5.17	267	5.17	100%		100	50%	50%	4380	YES
	R11	Residential	Bedroom	7.24	4.34	427	4.34	100%		100	50%	50%	4380	YES
	R12	Residential	LKD	21.59	16.19	337	16.19	100%		150	50%	50%	4380	YES
	R13	Residential	Bedroom	7.99	4.96	227	4.96	100%		100	50%	50%	4380	YES
	R14	Residential	Bedroom	10.31	6.79	75	1.65	24%		100	50%	50%	4380	NO
	R15	Residential	LKD	19.60	13.69	194	8.46	62%		150	50%	50%	4380	YES
	R16	Residential	Bedroom	9.94	6.51	169	6.42	99%		100	50%	50%	4380	YES
	R17	Residential	LKD	22.77	16.08	1139	16.08	100%		150	50%	50%	4380	YES
	R18	Residential	LKD	23.62	17.35	679	17.35	100%		150	50%	50%	4380	YES
	R19	Residential	Bedroom	8.26	5.17	121	4.71	91%		100	50%	50%	4380	YES
	R20	Residential	Bedroom	10.01	6.38	110	3.72	58%		100	50%	50%	4380	YES
	R21	Residential	LKD	20.16	13.95	155	7.19	52%		150	50%	50%	4380	YES
	R22	Residential	Bedroom	11.61	7.77	122	5.00	64%		100	50%	50%	4380	YES
Seventh	R23	Residential	LKD	20.16	13.95	137	6.48	46%		150	50%	50%	4380	NO
	R24	Residential	Bedroom	11.61	7.77	96	3.70	48%		100	50%	50%	4380	NO
	R25	Residential	LKD	23.86	17.35	121	7.13	41%		150	50%	50%	4380	NO
	R26	Residential	Bedroom	11.61	7.77	105	4.26	55%		100	50%	50%	4380	YES
	R27	Residential	LKD	20.16	13.95	60	2.40	17%		150	50%	50%	4380	NO
	R28	Residential	Bedroom	11.61	7.77	123	4.90	63%		100	50%	50%	4380	YES
	R29	Residential	LKD	21.24	15.37	431	15.37	100%		150	50%	50%	4380	YES
	R30	Residential	Bedroom	7.66	4.70	445	4.70	100%		100	50%	50%	4380	YES
	R31	Residential	Bedroom	7.57	4.59	649	4.59	100%		100	50%	50%	4380	YES
	R1	Residential	LKD	24.22	17.81	703	17.81	100%		150	50%	50%	4380	YES
	R2	Residential	LKD	18.24	12.42	77	3.51	28%		150	50%	50%	4380	NO
	R3	Residential	Bedroom	9.86	6.41	75	2.20	34%		100	50%	50%	4380	NO

Project Name: Harlech Court, Cardiff - No Meshes
Project No.: 19-00360-02a
Report Title: SDA BS En1037 Analysis - Proposed Scheme
Date of Analysis: 20/08/2024

									Criteria				Meets Criteria
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R4	Residential	LKD	21.48	15.52	176	9.10	59%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	7.30	4.41	206	4.13	94%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	7.97	4.94	194	4.94	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	7.48	4.55	253	4.55	100%	100	50%	50%	4380	YES
	R8	Residential	LKD	22.91	16.72	392	16.06	96%	150	50%	50%	4380	YES
	R9	Residential	LKD	19.13	13.54	769	13.54	100%	150	50%	50%	4380	YES
	R10	Residential	Bedroom	8.32	5.17	878	5.17	100%	100	50%	50%	4380	YES
	R11	Residential	Bedroom	7.24	4.34	412	4.34	100%	100	50%	50%	4380	YES
	R12	Residential	LKD	21.59	16.19	348	16.19	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	7.99	4.96	234	4.96	100%	100	50%	50%	4380	YES
	R14	Residential	Bedroom	10.31	6.79	79	1.94	29%	100	50%	50%	4380	NO
	R15	Residential	LKD	19.60	13.69	210	9.60	70%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	9.94	6.51	175	6.42	99%	100	50%	50%	4380	YES
	R17	Residential	LKD	22.77	16.08	1213	16.08	100%	150	50%	50%	4380	YES
	R18	Residential	LKD	23.62	17.35	704	17.35	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	8.26	5.17	127	4.99	96%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	10.01	6.38	115	4.00	63%	100	50%	50%	4380	YES
	R21	Residential	LKD	20.16	13.95	156	7.19	52%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	11.61	7.77	134	5.55	71%	100	50%	50%	4380	YES
	R23	Residential	LKD	20.16	13.95	142	6.48	46%	150	50%	50%	4380	NO
	R24	Residential	Bedroom	11.61	7.77	115	4.63	60%	100	50%	50%	4380	YES
	R25	Residential	LKD	23.86	17.35	126	7.42	43%	150	50%	50%	4380	NO
	R26	Residential	Bedroom	11.61	7.77	109	4.44	57%	100	50%	50%	4380	YES
	R27	Residential	LKD	20.16	13.95	64	2.58	18%	150	50%	50%	4380	NO
	R28	Residential	Bedroom	11.61	7.77	129	5.37	69%	100	50%	50%	4380	YES
	R29	Residential	LKD	21.24	15.37	442	15.37	100%	150	50%	50%	4380	YES
	R30	Residential	Bedroom	7.66	4.70	457	4.70	100%	100	50%	50%	4380	YES
	R31	Residential	Bedroom	7.57	4.59	663	4.59	100%	100	50%	50%	4380	YES
Eighth	R1	Residential	LKD	24.22	17.81	509	17.81	100%	150	50%	50%	4380	YES
	R2	Residential	LKD	18.24	12.42	87	3.87	31%	150	50%	50%	4380	NO
	R3	Residential	Bedroom	9.86	6.41	85	2.47	39%	100	50%	50%	4380	NO
	R4	Residential	LKD	21.48	15.52	181	9.46	61%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	7.30	4.41	212	4.22	96%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	7.97	4.94	200	4.94	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	7.48	4.55	261	4.55	100%	100	50%	50%	4380	YES
	R8	Residential	LKD	22.91	16.72	406	16.34	98%	150	50%	50%	4380	YES
	R9	Residential	LKD	19.13	13.54	799	13.54	100%	150	50%	50%	4380	YES
	R10	Residential	Bedroom	8.32	5.17	282	5.17	100%	100	50%	50%	4380	YES
	R11	Residential	Bedroom	7.24	4.34	422	4.34	100%	100	50%	50%	4380	YES
	R12	Residential	LKD	21.59	16.19	365	16.19	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	7.99	4.96	240	4.96	100%	100	50%	50%	4380	YES
	R14	Residential	Bedroom	10.31	6.79	82	2.04	30%	100	50%	50%	4380	NO
	R15	Residential	LKD	19.60	13.69	218	10.46	76%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	9.94	6.51	183	6.51	100%	100	50%	50%	4380	YES
	R17	Residential	LKD	22.77	16.08	1241	16.08	100%	150	50%	50%	4380	YES
	R18	Residential	LKD	23.62	17.35	726	17.35	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	8.26	5.17	134	5.08	98%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	10.01	6.38	120	4.19	66%	100	50%	50%	4380	YES
Ninth	R1	Residential	LKD	24.22	17.81	538	17.81	100%	150	50%	50%	4380	YES
	R2	Residential	LKD	18.24	12.42	104	4.50	36%	150	50%	50%	4380	NO
	R3	Residential	Bedroom	9.86	6.41	97	3.11	49%	100	50%	50%	4380	NO
	R4	Residential	LKD	21.48	15.52	185	9.81	63%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	7.30	4.41	218	4.41	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	7.97	4.94	205	4.94	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	7.48	4.55	270	4.55	100%	100	50%	50%	4380	YES
	R8	Residential	LKD	22.91	16.72	420	16.43	98%	150	50%	50%	4380	YES
	R9	Residential	LKD	19.13	13.54	855	13.54	100%	150	50%	50%	4380	YES
	R10	Residential	Bedroom	8.32	5.17	935	5.17	100%	100	50%	50%	4380	YES
	R11	Residential	Bedroom	7.24	4.34	466	4.34	100%	100	50%	50%	4380	YES
	R12	Residential	LKD	21.59	16.19	379	16.19	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	7.99	4.96	246	4.96	100%	100	50%	50%	4380	YES
	R14	Residential	Bedroom	10.31	6.79	86	2.33	34%	100	50%	50%	4380	NO
	R15	Residential	LKD	19.60	13.69	226	11.03	81%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	9.94	6.51	189	6.51	100%	100	50%	50%	4380	YES
	R17	Residential	LKD	22.77	16.08	1226	16.08	100%	150	50%	50%	4380	YES
	R18	Residential	LKD	23.62	17.35	739	17.35	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	8.26	5.17	146	5.17	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	10.01	6.38	124	4.29	67%	100	50%	50%	4380	YES
R30	R21	Residential	LKD	20.16	13.95	178	8.08	58%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	11.61	7.77	142	6.38	82%	100	50%	50%	4380	YES
	R23	Residential	LKD	20.16	13.95	159	7.28	52%	150	50%	50%	4380	YES
	R24	Residential	Bedroom	11.61	7.77	113	4.90	63%	100	50%	50%	4380	YES
	R25	Residential	LKD	23.86	17.35	139	8.09	47%	150	50%	50%	4380	NO
	R26	Residential	Bedroom	11.61	7.77	123	5.46	70%	100	50%	50%	4380	YES
	R27	Residential	LKD	20.16	13.95	70	2.93	21%	150	50%	50%	4380	NO
	R28	Residential	Bedroom	11.61	7.77	138	6.11	79%	100	50%	50%	4380	YES
	R29	Residential	LKD	21.24	15.37	460	15.37	100%	150	50%	50%	4380	YES
	R30	Residential	Bedroom	7.66	4.70	478	4.70	100%	100	50%	50%	4380	YES

Project Name: Harlech Court, Cardiff - No Meshes
Project No.: 19-00360-02a
Report Title: SDA BS En17037 Analysis - Proposed Scheme
Date of Analysis: 20/08/2024

Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
									Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R31	Residential	Bedroom	7.57	4.59	690	4.59	100%	100	50%	50%	4380	YES
Tenth	R1	Residential	LKD	24.22	17.81	860	17.81	100%	150	50%	50%	4380	YES
	R2	Residential	LKD	18.24	12.42	125	5.04	41%	150	50%	50%	4380	NO
	R3	Residential	Bedroom	9.86	6.41	112	3.84	60%	100	50%	50%	4380	YES
	R4	Residential	LKD	21.48	15.52	191	10.71	69%	150	50%	50%	4380	YES
	R5	Residential	Bedroom	7.30	4.41	225	4.41	100%	100	50%	50%	4380	YES
	R6	Residential	Bedroom	7.97	4.94	210	4.94	100%	100	50%	50%	4380	YES
	R7	Residential	Bedroom	7.48	4.55	279	4.55	100%	100	50%	50%	4380	YES
	R8	Residential	LKD	22.91	16.72	436	16.72	100%	150	50%	50%	4380	YES
	R9	Residential	LKD	19.13	13.54	892	13.54	100%	150	50%	50%	4380	YES
	R10	Residential	Bedroom	8.32	5.17	294	5.17	100%	100	50%	50%	4380	YES
	R11	Residential	Bedroom	7.24	4.34	472	4.34	100%	100	50%	50%	4380	YES
	R12	Residential	LKD	21.59	16.19	389	16.19	100%	150	50%	50%	4380	YES
	R13	Residential	Bedroom	7.99	4.96	252	4.96	100%	100	50%	50%	4380	YES
	R14	Residential	Bedroom	10.31	6.79	89	2.33	34%	100	50%	50%	4380	NO
	R15	Residential	LKD	19.60	13.69	227	10.93	80%	150	50%	50%	4380	YES
	R16	Residential	Bedroom	9.94	6.51	195	6.51	100%	100	50%	50%	4380	YES
	R17	Residential	LKD	22.77	16.08	1245	16.08	100%	150	50%	50%	4380	YES
	R18	Residential	LKD	23.62	17.35	759	17.35	100%	150	50%	50%	4380	YES
	R19	Residential	Bedroom	8.26	5.17	161	5.17	100%	100	50%	50%	4380	YES
	R20	Residential	Bedroom	10.01	6.38	133	4.57	72%	100	50%	50%	4380	YES
	R21	Residential	LKD	20.16	13.95	181	8.17	59%	150	50%	50%	4380	YES
	R22	Residential	Bedroom	11.61	7.77	156	7.31	94%	100	50%	50%	4380	YES
	R23	Residential	LKD	20.16	13.95	169	7.73	55%	150	50%	50%	4380	YES
	R24	Residential	Bedroom	11.61	7.77	134	5.92	76%	100	50%	50%	4380	YES
	R25	Residential	LKD	23.86	17.35	148	8.58	49%	150	50%	50%	4380	NO
	R26	Residential	Bedroom	11.61	7.77	128	5.64	73%	100	50%	50%	4380	YES
	R27	Residential	LKD	20.16	13.95	72	3.29	24%	150	50%	50%	4380	NO
	R28	Residential	Bedroom	11.61	7.77	148	6.85	88%	100	50%	50%	4380	YES
	R29	Residential	LKD	21.24	15.37	472	15.37	100%	150	50%	50%	4380	YES
	R30	Residential	Bedroom	7.66	4.70	486	4.70	100%	100	50%	50%	4380	YES
	R31	Residential	Bedroom	7.57	4.59	701	4.59	100%	100	50%	50%	4380	YES

Project Name: Harlech Court, Cardiff - No Meshes
Project No.: 19-00360-02a
Report Title: SDA BS En17037 Analysis - Proposed Scheme
Date of Analysis: 20/08/2024

										Criteria				Meets Criteria
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux		Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
Eleventh	R1	Residential	LKD	24.22	17.81	632	17.81	100%		150	50%	50%	4380	YES
	R2	Residential	LKD	18.24	12.42	140	5.94	48%		150	50%	50%	4380	NO
	R3	Residential	Bedroom	9.86	6.41	129	4.94	77%		100	50%	50%	4380	YES
	R4	Residential	LKD	21.48	15.52	194	10.80	70%		150	50%	50%	4380	YES
	R5	Residential	Bedroom	7.30	4.41	231	4.41	100%		100	50%	50%	4380	YES
	R6	Residential	Bedroom	7.97	4.94	216	4.94	100%		100	50%	50%	4380	YES
	R7	Residential	Bedroom	7.48	4.55	285	4.55	100%		100	50%	50%	4380	YES
	R8	Residential	LKD	22.91	16.72	458	16.72	100%		150	50%	50%	4380	YES
	R9	Residential	LKD	19.13	13.54	978	13.54	100%		150	50%	50%	4380	YES
	R10	Residential	Bedroom	8.32	5.17	300	5.17	100%		100	50%	50%	4380	YES
	R11	Residential	Bedroom	7.24	4.34	453	4.34	100%		100	50%	50%	4380	YES
	R12	Residential	LKD	21.59	16.19	396	16.19	100%		150	50%	50%	4380	YES
	R13	Residential	Bedroom	7.99	4.96	255	4.96	100%		100	50%	50%	4380	YES
	R14	Residential	Bedroom	10.31	6.79	92	2.62	39%		100	50%	50%	4380	NO
	R15	Residential	LKD	19.60	13.69	240	11.22	82%		150	50%	50%	4380	YES
	R16	Residential	Bedroom	9.94	6.51	199	6.51	100%		100	50%	50%	4380	YES
	R17	Residential	LKD	22.77	16.08	1307	16.08	100%		150	50%	50%	4380	YES
	R18	Residential	LKD	23.62	17.35	770	17.35	100%		150	50%	50%	4380	YES
	R19	Residential	Bedroom	8.26	5.17	181	5.17	100%		100	50%	50%	4380	YES
	R20	Residential	Bedroom	10.01	6.38	157	4.96	78%		100	50%	50%	4380	YES
	R21	Residential	LKD	20.16	13.95	194	8.70	62%		150	50%	50%	4380	YES
	R22	Residential	Bedroom	11.61	7.77	165	7.59	98%		100	50%	50%	4380	YES
	R23	Residential	LKD	20.16	13.95	183	8.26	59%		150	50%	50%	4380	YES
	R24	Residential	Bedroom	11.61	7.77	133	5.92	76%		100	50%	50%	4380	YES
	R25	Residential	LKD	23.86	17.35	159	9.35	54%		150	50%	50%	4380	YES
	R26	Residential	Bedroom	11.61	7.77	137	6.20	80%		100	50%	50%	4380	YES
	R27	Residential	LKD	20.16	13.95	78	3.55	25%		150	50%	50%	4380	NO
	R28	Residential	Bedroom	11.61	7.77	154	7.31	94%		100	50%	50%	4380	YES
	R29	Residential	LKD	21.24	15.37	496	15.37	100%		150	50%	50%	4380	YES
	R30	Residential	Bedroom	7.66	4.70	493	4.70	100%		100	50%	50%	4380	YES
	R31	Residential	Bedroom	7.57	4.59	713	4.59	100%		100	50%	50%	4380	YES
Twelfth	R1	Residential	LKD	24.22	17.81	960	17.81	100%		150	50%	50%	4380	YES
	R2	Residential	LKD	18.24	12.42	156	6.66	54%		150	50%	50%	4380	YES
	R3	Residential	Bedroom	9.86	6.41	147	5.40	84%		100	50%	50%	4380	YES
	R4	Residential	LKD	21.48	15.52	201	11.06	71%		150	50%	50%	4380	YES
	R5	Residential	Bedroom	7.30	4.41	236	4.41	100%		100	50%	50%	4380	YES
	R6	Residential	Bedroom	7.97	4.94	222	4.94	100%		100	50%	50%	4380	YES
	R7	Residential	Bedroom	7.48	4.55	293	4.55	100%		100	50%	50%	4380	YES
	R8	Residential	LKD	22.91	16.72	481	16.72	100%		150	50%	50%	4380	YES
	R9	Residential	LKD	19.13	13.54	1043	13.54	100%		150	50%	50%	4380	YES
	R10	Residential	Bedroom	8.32	5.17	988	5.17	100%		100	50%	50%	4380	YES
	R11	Residential	Bedroom	7.24	4.34	456	4.34	100%		100	50%	50%	4380	YES
	R12	Residential	LKD	21.59	16.19	391	16.19	100%		150	50%	50%	4380	YES
	R13	Residential	Bedroom	7.99	4.96	259	4.96	100%		100	50%	50%	4380	YES
	R14	Residential	Bedroom	10.31	6.79	94	2.81	41%		100	50%	50%	4380	NO
	R15	Residential	LKD	19.60	13.69	239	11.22	82%		150	50%	50%	4380	YES
	R16	Residential	Bedroom	9.94	6.51	203	6.51	100%		100	50%	50%	4380	YES
	R17	Residential	LKD	22.77	16.08	1324	16.08	100%		150	50%	50%	4380	YES
	R18	Residential	LKD	23.62	17.35	782	17.35	100%		150	50%	50%	4380	YES
	R19	Residential	Bedroom	8.26	5.17	208	5.17	100%		100	50%	50%	4380	YES
	R20	Residential	Bedroom	10.01	6.38	193	5.43	85%		100	50%	50%	4380	YES
	R21	Residential	LKD	20.16	13.95	222	9.42	68%		150	50%	50%	4380	YES
	R22	Residential	Bedroom	11.61	7.77	185	7.77	100%		100	50%	50%	4380	YES
	R23	Residential	LKD	20.16	13.95	202	8.88	64%		150	50%	50%	4380	YES
	R24	Residential	Bedroom	11.61	7.77	160	6.94	89%		100	50%	50%	4380	YES
	R25	Residential	LKD	23.86	17.35	175	10.12	58%		150	50%	50%	4380	YES
	R26	Residential	Bedroom	11.61	7.77	155	7.68	99%		100	50%	50%	4380	YES
	R27	Residential	LKD	20.16	13.95	84	3.82	27%		150	50%	50%	4380	NO
	R28	Residential	Bedroom	11.61	7.77	166	7.68	99%		100	50%	50%	4380	YES
	R29	Residential	LKD	21.24	15.37	510	15.37	100%		150	50%	50%	4380	YES
	R30	Residential	Bedroom	7.66	4.70	499	4.70	100%		100	50%	50%	4380	YES
	R31	Residential	Bedroom	7.57	4.59	723	4.59	100%		100	50%	50%	4380	YES
Thirteenth	R1	Residential	LKD	24.22	17.81	986	17.81	100%		150	50%	50%	4380	YES
	R2	Residential	LKD	18.24	12.42	166	6.84	55%		150	50%	50%	4380	YES
	R3	Residential	Bedroom	9.86	6.41	158	6.04	94%		100	50%	50%	4380	YES
	R4	Residential	LKD	21.48	15.52	204	11.42	74%		150	50%	50%	4380	YES
	R5	Residential	Bedroom	7.30	4.41	239	4.41	100%		100	50%	50%	4380	YES
	R6	Residential	Bedroom	7.97	4.94	226	4.94	100%		100	50%	50%	4380	YES
	R7	Residential	Bedroom	7.48	4.55	301	4.55	100%		100	50%	50%	4380	YES
	R8	Residential	LKD	22.91	16.72	499	16.72	100%		150	50%	50%	4380	YES
	R9	Residential	LKD	19.13	13.54	1077	13.54	100%		150	50%	50%	4380	YES
	R10	Residential	Bedroom	8.32	5.17	993	5.17	100%		100	50%	50%	4380	YES
	R11	Residential	Bedroom	7.24	4.34	462	4.34	100%		100	50%	50%	4380	YES
	R12	Residential	LKD	21.59	16.19	397	16.19	100%		150	50%	50%	4380	YES
	R13	Residential	Bedroom	7.99	4.96	259	4.96	100%		100	50%	50%	4380	YES
	R14	Residential	Bedroom	10.31	6.79	96	2.91	43%		100	50%	50%	4380	NO
	R15	Residential	LKD	19.60	13.69	250	11.41	83%		150	50%	50%	4380	YES
	R16	Residential	Bedroom	9.94	6.51	205	6.51	100%		100	50%	50%	4380	YES
	R17	Residential	LKD	22.77	16.08	1314	16.08	100%		150	50%	50%	4380	YES
	R18	Residential	LKD	23.62	17.35	795	17.35	100%		150	50%	50%	4380	YES
	R19	Residential	Bedroom	8.26	5.17	228	5.17	100%		100	50%	50%	4380	YES
	R20	Residential	Bedroom	10.01	6.38	223	6.00	94%		100	50%	50%	4380	YES
	R21	Residential	LKD	20.16	13.95	235	9.68	69%		150	50%	50%	4380	YES
	R22	Residential	Bedroom	11.61	7.77	222	7.77	100%		100	50%	50%	4380	YES
	R23	Residential	LKD	20.16	13.95	223	9.50	68%		150	50%	50%	4380	YES
	R24	Residential	Bedroom	11.61	7.77	202	7.77	100%		100	50%	50%	4380	YES
	R25	Residential	LKD	23.86	17.35	195	10.99	63%		150	50%	50%	4380	YES
	R26	Residential	Bedroom	11.61	7.77	197	7.77	100%		100	50%	50%	4380	YES
	R27	Residential	LKD	20.16	13.95	93	4.71	34%		150	50%	50%	4380	NO

Project Name: Harlech Court, Cardiff - No Meshes Project No.: 19-00360-02a Report Title: SDA BS En17037 Analysis - Proposed Scheme Date of Analysis: 20/08/2024														
									Criteria					
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	Meets Criteria	
	R28	Residential	Bedroom	11.61	7.77	205	7.77	100%	100	50%	50%	4380	YES	
	R29	Residential	LKD	21.24	15.37	539	15.37	100%	150	50%	50%	4380	YES	
	R30	Residential	Bedroom	7.66	4.70	504	4.70	100%	100	50%	50%	4380	YES	
	R31	Residential	Bedroom	7.57	4.59	727	4.59	100%	100	50%	50%	4380	YES	
Fourteenth	R1	Residential	LKD	24.22	17.81	707	17.81	100%	150	50%	50%	4380	YES	
	R2	Residential	LKD	18.24	12.42	171	7.38	59%	150	50%	50%	4380	YES	
	R3	Residential	Bedroom	9.86	6.41	162	6.13	96%	100	50%	50%	4380	YES	
	R4	Residential	LKD	21.48	15.52	209	11.51	74%	150	50%	50%	4380	YES	
	R5	Residential	Bedroom	7.30	4.41	243	4.41	100%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	7.97	4.94	229	4.94	100%	100	50%	50%	4380	YES	
	R7	Residential	Bedroom	7.48	4.55	300	4.55	100%	100	50%	50%	4380	YES	
	R8	Residential	LKD	22.91	16.72	509	16.72	100%	150	50%	50%	4380	YES	
	R9	Residential	LKD	19.13	13.54	1107	13.54	100%	150	50%	50%	4380	YES	
	R10	Residential	Bedroom	8.32	5.17	309	5.17	100%	100	50%	50%	4380	YES	
	R11	Residential	Bedroom	7.24	4.34	498	4.34	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	21.59	16.19	416	16.19	100%	150	50%	50%	4380	YES	
	R13	Residential	Bedroom	7.99	4.96	260	4.96	100%	100	50%	50%	4380	YES	
	R14	Residential	Bedroom	10.31	6.79	98	3.20	47%	100	50%	50%	4380	NO	
	R15	Residential	LKD	19.60	13.69	248	11.31	83%	150	50%	50%	4380	YES	
	R16	Residential	Bedroom	9.94	6.51	208	6.51	100%	100	50%	50%	4380	YES	
	R17	Residential	LKD	22.77	16.08	1324	16.08	100%	150	50%	50%	4380	YES	
	R18	Residential	LKD	23.62	17.35	808	17.35	100%	150	50%	50%	4380	YES	
	R19	Residential	Bedroom	8.26	5.17	249	5.17	100%	100	50%	50%	4380	YES	
	R20	Residential	Bedroom	10.01	6.38	249	6.38	100%	100	50%	50%	4380	YES	
	R21	Residential	LKD	20.16	13.95	266	10.84	78%	150	50%	50%	4380	YES	
	R22	Residential	Bedroom	11.61	7.77	240	7.77	100%	100	50%	50%	4380	YES	
	R23	Residential	LKD	20.16	13.95	263	10.84	78%	150	50%	50%	4380	YES	
	R24	Residential	Bedroom	11.61	7.77	212	7.77	100%	100	50%	50%	4380	YES	
	R25	Residential	LKD	23.86	17.35	232	12.05	69%	150	50%	50%	4380	YES	
	R26	Residential	Bedroom	11.61	7.77	238	7.77	100%	100	50%	50%	4380	YES	
	R27	Residential	LKD	20.16	13.95	111	5.60	40%	150	50%	50%	4380	NO	
	R28	Residential	Bedroom	11.61	7.77	243	7.77	100%	100	50%	50%	4380	YES	
	R29	Residential	LKD	21.24	15.37	539	15.37	100%	150	50%	50%	4380	YES	
	R30	Residential	Bedroom	7.66	4.70	505	4.70	100%	100	50%	50%	4380	YES	
	R31	Residential	Bedroom	7.57	4.59	736	4.59	100%	100	50%	50%	4380	YES	
Fifteenth	R1	Residential	LKD	24.22	17.81	715	17.81	100%	150	50%	50%	4380	YES	
	R2	Residential	LKD	18.24	12.42	173	7.56	61%	150	50%	50%	4380	YES	
	R3	Residential	Bedroom	9.86	6.41	166	6.31	99%	100	50%	50%	4380	YES	
	R4	Residential	LKD	21.48	15.52	213	11.69	75%	150	50%	50%	4380	YES	
	R5	Residential	Bedroom	7.30	4.41	246	4.41	100%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	7.97	4.94	232	4.94	100%	100	50%	50%	4380	YES	
	R7	Residential	Bedroom	7.48	4.55	303	4.55	100%	100	50%	50%	4380	YES	
	R8	Residential	LKD	22.91	16.72	517	16.72	100%	150	50%	50%	4380	YES	
	R9	Residential	LKD	19.13	13.54	1114	13.54	100%	150	50%	50%	4380	YES	
	R10	Residential	Bedroom	8.32	5.17	1020	5.17	100%	100	50%	50%	4380	YES	
	R11	Residential	Bedroom	7.24	4.34	476	4.34	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	21.59	16.19	420	16.19	100%	150	50%	50%	4380	YES	
	R13	Residential	Bedroom	7.99	4.96	261	4.96	100%	100	50%	50%	4380	YES	
	R14	Residential	Bedroom	10.31	6.79	98	3.30	49%	100	50%	50%	4380	NO	
	R15	Residential	LKD	19.60	13.69	251	11.50	84%	150	50%	50%	4380	YES	
	R16	Residential	Bedroom	9.94	6.51	211	6.51	100%	100	50%	50%	4380	YES	
	R17	Residential	LKD	22.77	16.08	1373	16.08	100%	150	50%	50%	4380	YES	
	R18	Residential	LKD	23.62	17.35	817	17.35	100%	150	50%	50%	4380	YES	
	R19	Residential	Bedroom	8.26	5.17	271	5.17	100%	100	50%	50%	4380	YES	
	R20	Residential	Bedroom	10.01	6.38	263	6.38	100%	100	50%	50%	4380	YES	
	R21	Residential	LKD	20.16	13.95	324	11.37	82%	150	50%	50%	4380	YES	
	R22	Residential	Bedroom	11.61	7.77	269	7.77	100%	100	50%	50%	4380	YES	
	R23	Residential	LKD	20.16	13.95	317	11.37	82%	150	50%	50%	4380	YES	
	R24	Residential	Bedroom	11.61	7.77	243	7.77	100%	100	50%	50%	4380	YES	
	R25	Residential	LKD	23.86	17.35	272	13.68	79%	150	50%	50%	4380	YES	
	R26	Residential	Bedroom	11.61	7.77	286	7.77	100%	100	50%	50%	4380	YES	
	R27	Residential	LKD	20.16	13.95	142	6.66	48%	150	50%	50%	4380	NO	
	R28	Residential	Bedroom	11.61	7.77	298	7.77	100%	100	50%	50%	4380	YES	
	R29	Residential	LKD	21.24	15.37	569	15.37	100%	150	50%	50%	4380	YES	
	R30	Residential	Bedroom	7.66	4.70	512	4.70	100%	100	50%	50%	4380	YES	
	R31	Residential	Bedroom	7.57	4.59	743	4.59	100%	100	50%	50%	4380	YES	
Sixteenth	R1	Residential	LKD	24.22	17.81	726	17.81	100%	150	50%	50%	4380	YES	
	R2	Residential	LKD	18.24	12.42	174	7.56	61%	150	50%	50%	4380	YES	
	R3	Residential	Bedroom	9.86	6.41	169	6.31	99%	100	50%	50%	4380	YES	
	R4	Residential	LKD	21.48	15.52	215	11.78	76%	150	50%	50%	4380	YES	
	R5	Residential	Bedroom	7.30	4.41	249	4.41	100%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	7.97	4.94	236	4.94	100%	100	50%	50%	4380	YES	
	R7	Residential	Bedroom	7.48	4.55	309	4.55	100%	100	50%	50%	4380	YES	
	R8	Residential	LKD	22.91	16.72	524	16.72	100%	150	50%	50%	4380	YES	
	R9	Residential	LKD	19.13	13.54	1127	13.54	100%	150	50%	50%	4380	YES	
	R10	Residential	Bedroom	8.32	5.17	318	5.17	100%	100	50%	50%	4380	YES	
	R11	Residential	Bedroom	7.24	4.34	484	4.34	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	21.59	16.19	425	16.19	100%	150	50%	50%	4380	YES	
	R13	Residential	Bedroom	7.99	4.96	263	4.96	100%	100	50%	50%	4380	YES	
	R14	Residential	Bedroom	10.31	6.79	100	3.39	50%	100	50%	50%	4380	YES	
	R15	Residential	LKD	19.60	13.69	257	11.60	85%	150	50%	50%	4380	YES	
	R16	Residential	Bedroom	9.94	6.51	213	6.51	100%	100	50%	50%	4380	YES	
	R17	Residential	LKD	22.77	16.08	1382	16.08	100%	150	50%	50%	4380	YES	
	R18	Residential	LKD	23.62	17.35	832	17.35	100%	150	50%	50%	4380	YES	
	R19	Residential	Bedroom	8.26	5.17	289	5.17	100%	100	50%	50%	4380	YES	
	R20	Residential	Bedroom	10.01	6.38	278	6.38	100%	100	50%	50%	4380	YES	
	R21	Residential	LKD	20.16	13.95	364	11.55	83%	150	50%	50%	4380	YES	
	R22	Residential	Bedroom	11.61	7.77	320	7.77	100%	100	50%	50%	4380	YES	
	R23	Residential	LKD	20.16	13.95	370	11.64	83%	150	50%	50%	4380	YES	

Project Name: Harlech Court, Cardiff - No Meshes Project No.: 19-00360-02a Report Title: SDA BS En17037 Analysis - Proposed Scheme Date of Analysis: 20/08/2024														
									Criteria					
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	Meets Criteria	
	R24	Residential	Bedroom	11.61	7.77	308	7.77	100%	100	50%	50%	4380	YES	
	R25	Residential	LKD	23.86	17.35	326	14.26	82%	150	50%	50%	4380	YES	
	R26	Residential	Bedroom	11.61	7.77	344	7.77	100%	100	50%	50%	4380	YES	
	R27	Residential	LKD	20.16	13.95	172	7.73	55%	150	50%	50%	4380	YES	
	R28	Residential	Bedroom	11.61	7.77	348	7.77	100%	100	50%	50%	4380	YES	
	R29	Residential	LKD	21.24	15.37	588	15.37	100%	150	50%	50%	4380	YES	
	R30	Residential	Bedroom	7.66	4.70	513	4.70	100%	100	50%	50%	4380	YES	
	R31	Residential	Bedroom	7.57	4.59	746	4.59	100%	100	50%	50%	4380	YES	
Seventeenth	R1	Residential	LKD	24.22	17.81	1036	17.81	100%	150	50%	50%	4380	YES	
	R2	Residential	LKD	18.24	12.42	177	7.65	62%	150	50%	50%	4380	YES	
	R3	Residential	Bedroom	9.86	6.41	172	6.41	100%	100	50%	50%	4380	YES	
	R4	Residential	LKD	21.48	15.52	217	11.96	77%	150	50%	50%	4380	YES	
	R5	Residential	Bedroom	7.30	4.41	251	4.41	100%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	7.97	4.94	238	4.94	100%	100	50%	50%	4380	YES	
	R7	Residential	Bedroom	7.48	4.55	311	4.55	100%	100	50%	50%	4380	YES	
	R8	Residential	LKD	22.91	16.72	530	16.72	100%	150	50%	50%	4380	YES	
	R9	Residential	LKD	19.13	13.54	1133	13.54	100%	150	50%	50%	4380	YES	
	R10	Residential	Bedroom	8.32	5.17	320	5.17	100%	100	50%	50%	4380	YES	
	R11	Residential	Bedroom	7.24	4.34	514	4.34	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	21.59	16.19	432	16.19	100%	150	50%	50%	4380	YES	
	R13	Residential	Bedroom	7.99	4.96	266	4.96	100%	100	50%	50%	4380	YES	
	R14	Residential	Bedroom	10.31	6.79	102	3.68	54%	100	50%	50%	4380	YES	
	R15	Residential	LKD	19.60	13.69	270	12.83	94%	150	50%	50%	4380	YES	
	R16	Residential	Bedroom	9.94	6.51	216	6.51	100%	100	50%	50%	4380	YES	
	R17	Residential	LKD	22.77	16.08	1363	16.08	100%	150	50%	50%	4380	YES	
	R18	Residential	LKD	23.62	17.35	841	17.35	100%	150	50%	50%	4380	YES	
	R19	Residential	Bedroom	8.26	5.17	312	5.17	100%	100	50%	50%	4380	YES	
	R20	Residential	Bedroom	10.01	6.38	296	6.38	100%	100	50%	50%	4380	YES	
	R21	Residential	LKD	20.16	13.95	405	11.64	83%	150	50%	50%	4380	YES	
	R22	Residential	Bedroom	11.61	7.77	324	7.77	100%	100	50%	50%	4380	YES	
	R23	Residential	LKD	20.16	13.95	409	11.90	85%	150	50%	50%	4380	YES	
	R24	Residential	Bedroom	11.61	7.77	301	7.77	100%	100	50%	50%	4380	YES	
	R25	Residential	LKD	23.86	17.35	368	14.55	84%	150	50%	50%	4380	YES	
	R26	Residential	Bedroom	11.61	7.77	372	7.77	100%	100	50%	50%	4380	YES	
	R27	Residential	LKD	20.16	13.95	189	8.17	59%	150	50%	50%	4380	YES	
	R28	Residential	Bedroom	11.61	7.77	368	7.77	100%	100	50%	50%	4380	YES	
	R29	Residential	LKD	21.24	15.37	596	15.37	100%	150	50%	50%	4380	YES	
	R30	Residential	Bedroom	7.66	4.70	515	4.70	100%	100	50%	50%	4380	YES	
	R31	Residential	Bedroom	7.57	4.59	755	4.59	100%	100	50%	50%	4380	YES	
Eighteenth	R1	Residential	LKD	24.22	17.81	1055	17.81	100%	150	50%	50%	4380	YES	
	R2	Residential	LKD	18.24	12.42	182	7.74	62%	150	50%	50%	4380	YES	
	R3	Residential	Bedroom	9.86	6.41	175	6.41	100%	100	50%	50%	4380	YES	
	R4	Residential	LKD	21.48	15.52	218	11.96	77%	150	50%	50%	4380	YES	
	R5	Residential	Bedroom	7.30	4.41	251	4.41	100%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	7.97	4.94	240	4.94	100%	100	50%	50%	4380	YES	
	R7	Residential	Bedroom	7.48	4.55	315	4.55	100%	100	50%	50%	4380	YES	
	R8	Residential	LKD	22.91	16.72	535	16.72	100%	150	50%	50%	4380	YES	
	R9	Residential	LKD	19.13	13.54	1145	13.54	100%	150	50%	50%	4380	YES	
	R10	Residential	Bedroom	8.32	5.17	1066	5.17	100%	100	50%	50%	4380	YES	
	R11	Residential	Bedroom	7.24	4.34	501	4.34	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	21.59	16.19	443	16.19	100%	150	50%	50%	4380	YES	
	R13	Residential	Bedroom	7.99	4.96	274	4.96	100%	100	50%	50%	4380	YES	
	R14	Residential	Bedroom	10.31	6.79	104	4.07	60%	100	50%	50%	4380	YES	
	R15	Residential	LKD	19.60	13.69	267	12.93	94%	150	50%	50%	4380	YES	
	R16	Residential	Bedroom	9.94	6.51	222	6.51	100%	100	50%	50%	4380	YES	
	R17	Residential	LKD	22.77	16.08	1384	16.08	100%	150	50%	50%	4380	YES	
	R18	Residential	LKD	23.62	17.35	848	17.35	100%	150	50%	50%	4380	YES	
	R19	Residential	Bedroom	8.26	5.17	330	5.17	100%	100	50%	50%	4380	YES	
	R20	Residential	Bedroom	10.01	6.38	310	6.38	100%	100	50%	50%	4380	YES	
	R21	Residential	LKD	20.16	13.95	458	11.90	85%	150	50%	50%	4380	YES	
	R22	Residential	Bedroom	11.61	7.77	346	7.77	100%	100	50%	50%	4380	YES	
	R23	Residential	LKD	20.16	13.95	460	12.08	87%	150	50%	50%	4380	YES	
	R24	Residential	Bedroom	11.61	7.77	323	7.77	100%	100	50%	50%	4380	YES	
	R25	Residential	LKD	23.86	17.35	403	15.13	87%	150	50%	50%	4380	YES	
	R26	Residential	Bedroom	11.61	7.77	377	7.77	100%	100	50%	50%	4380	YES	
	R27	Residential	LKD	20.16	13.95	203	8.70	62%	150	50%	50%	4380	YES	
	R28	Residential	Bedroom	11.61	7.77	378	7.77	100%	100	50%	50%	4380	YES	
	R29	Residential	LKD	21.24	15.37	614	15.37	100%	150	50%	50%	4380	YES	
	R30	Residential	Bedroom	7.66	4.70	522	4.70	100%	100	50%	50%	4380	YES	
	R31	Residential	Bedroom	7.57	4.59	761	4.59	100%	100	50%	50%	4380	YES	
Nineteenth	R1	Residential	LKD	24.22	17.81	1074	17.81	100%	150	50%	50%	4380	YES	
	R2	Residential	LKD	18.24	12.42	189	8.10	65%	150	50%	50%	4380	YES	
	R3	Residential	Bedroom	9.86	6.41	178	6.41	100%	100	50%	50%	4380	YES	
	R4	Residential	LKD	21.48	15.52	223	12.04	78%	150	50%	50%	4380	YES	
	R5	Residential	Bedroom	7.30	4.41	254	4.41	100%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	7.97	4.94	241	4.94	100%	100	50%	50%	4380	YES	
	R7	Residential	Bedroom	7.48	4.55	317	4.55	100%	100	50%	50%	4380	YES	
	R8	Residential	LKD	22.91	16.72	537	16.72	100%	150	50%	50%	4380	YES	
	R9	Residential	LKD	19.13	13.54	1153	13.54	100%	150	50%	50%	4380	YES	
	R10	Residential	Bedroom	8.32	5.17	1099	5.17	100%	100	50%	50%	4380	YES	
	R11	Residential	Bedroom	7.24	4.34	519	4.34	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	21.59	16.19	477	16.19	100%	150	50%	50%	4380	YES	
	R13	Residential	Bedroom	7.99	4.96	290	4.96	100%	100	50%	50%	4380	YES	
	R14	Residential	Bedroom	10.31	6.79	107	4.17	61%	100	50%	50%	4380	YES	
	R15	Residential	LKD	19.60	13.69	285	13.21	97%	150	50%	50%	4380	YES	
	R16	Residential	Bedroom	9.94	6.51	229	6.51	100%	100	50%	50%	4380	YES	
	R17	Residential	LKD	22.77	16.08	1448	16.08	100%	150	50%	50%	4380	YES	
	R18	Residential	LKD	23.62	17.35	857	17.35	100%	150	50%	50%	4380	YES	
	R19	Residential	Bedroom	8.26	5.17	346	5.17	100%	100	50%	50%	4380	YES	

Project Name: Harlech Court, Cardiff - No Meshes Project No.: 19-00360-02a Report Title: SDA BS En17037 Analysis - Proposed Scheme Date of Analysis: 20/08/2024														
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria	
									Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours		
	R20	Residential	Bedroom	10.01	6.38	326	6.38	100%	100	50%	50%	4380	YES	
	R21	Residential	LKD	20.16	13.95	472	12.26	88%	150	50%	50%	4380	YES	
	R22	Residential	Bedroom	11.61	7.77	397	7.77	100%	100	50%	50%	4380	YES	
	R23	Residential	LKD	20.16	13.95	488	12.35	89%	150	50%	50%	4380	YES	
	R24	Residential	Bedroom	11.61	7.77	388	7.77	100%	100	50%	50%	4380	YES	
	R25	Residential	LKD	23.86	17.35	435	15.80	91%	150	50%	50%	4380	YES	
	R26	Residential	Bedroom	11.61	7.77	405	7.77	100%	100	50%	50%	4380	YES	
	R27	Residential	LKD	20.16	13.95	220	9.24	66%	150	50%	50%	4380	YES	
	R28	Residential	Bedroom	11.61	7.77	397	7.77	100%	100	50%	50%	4380	YES	
	R29	Residential	LKD	21.24	15.37	621	15.37	100%	150	50%	50%	4380	YES	
	R30	Residential	Bedroom	7.66	4.70	523	4.70	100%	100	50%	50%	4380	YES	
R31	Residential	Bedroom	7.57	4.59	767	4.59	100%	100	50%	50%	4380	YES		
Twentieth	R1	Residential	LKD	24.22	17.81	878	17.81	100%	150	50%	50%	4380	YES	
	R2	Residential	LKD	18.24	12.42	198	8.64	70%	150	50%	50%	4380	YES	
	R3	Residential	Bedroom	9.86	6.41	198	6.41	100%	100	50%	50%	4380	YES	
	R4	Residential	LKD	21.48	15.52	225	12.22	79%	150	50%	50%	4380	YES	
	R5	Residential	Bedroom	7.30	4.41	257	4.41	100%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	7.97	4.94	242	4.94	100%	100	50%	50%	4380	YES	
	R7	Residential	Bedroom	7.48	4.55	321	4.55	100%	100	50%	50%	4380	YES	
	R8	Residential	LKD	22.91	16.72	539	16.72	100%	150	50%	50%	4380	YES	
	R9	Residential	LKD	19.13	13.54	1164	13.54	100%	150	50%	50%	4380	YES	
	R10	Residential	Bedroom	8.32	5.17	343	5.17	100%	100	50%	50%	4380	YES	
	R11	Residential	Bedroom	7.24	4.34	576	4.34	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	21.59	16.19	494	16.19	100%	150	50%	50%	4380	YES	
	R13	Residential	Bedroom	7.99	4.96	310	4.96	100%	100	50%	50%	4380	YES	
	R14	Residential	LKD	38.42	31.07	583	31.07	100%	150	50%	50%	4380	YES	
	R15	Residential	LKD	22.78	16.36	2397	16.36	100%	150	50%	50%	4380	YES	
	R16	Residential	Bedroom	11.61	7.77	378	7.77	100%	100	50%	50%	4380	YES	
	R17	Residential	LKD	20.16	13.95	516	13.32	96%	150	50%	50%	4380	YES	
	R18	Residential	Bedroom	11.61	7.77	353	7.77	100%	100	50%	50%	4380	YES	
	R19	Residential	LKD	23.86	17.35	461	16.96	98%	150	50%	50%	4380	YES	
	R20	Residential	Bedroom	11.61	7.77	442	7.77	100%	100	50%	50%	4380	YES	
	R21	Residential	LKD	20.16	13.95	235	9.77	70%	150	50%	50%	4380	YES	
	R22	Residential	Bedroom	11.61	7.77	430	7.77	100%	100	50%	50%	4380	YES	
	R23	Residential	LKD	21.24	15.37	636	15.37	100%	150	50%	50%	4380	YES	
	R24	Residential	Bedroom	7.66	4.70	527	4.70	100%	100	50%	50%	4380	YES	
	R25	Residential	Bedroom	7.57	4.59	769	4.59	100%	100	50%	50%	4380	YES	
Twenty First	R1	Residential	LKD	24.22	17.81	941	17.81	100%	150	50%	50%	4380	YES	
	R2	Residential	LKD	18.24	12.42	218	9.54	77%	150	50%	50%	4380	YES	
	R3	Residential	Bedroom	9.86	6.41	219	6.41	100%	100	50%	50%	4380	YES	
	R4	Residential	Bedroom	10.31	6.79	117	5.62	83%	100	50%	50%	4380	YES	
	R5	Residential	LKD	21.60	15.48	1600	15.48	100%	150	50%	50%	4380	YES	
	R6	Residential	LKD	22.78	16.36	2479	16.36	100%	150	50%	50%	4380	YES	
	R7	Residential	Bedroom	11.61	7.77	392	7.77	100%	100	50%	50%	4380	YES	
	R8	Residential	LKD	20.16	13.95	545	13.68	98%	150	50%	50%	4380	YES	
	R9	Residential	Bedroom	11.61	7.77	366	7.77	100%	100	50%	50%	4380	YES	
	R10	Residential	LKD	23.86	17.35	480	17.35	100%	150	50%	50%	4380	YES	
	R11	Residential	Bedroom	11.61	7.77	457	7.77	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	20.16	13.95	246	10.04	72%	150	50%	50%	4380	YES	
	R13	Residential	Bedroom	11.61	7.77	445	7.77	100%	100	50%	50%	4380	YES	
	R14	Residential	LKD	21.24	15.37	650	15.37	100%	150	50%	50%	4380	YES	
	R15	Residential	Bedroom	7.66	4.70	524	4.70	100%	100	50%	50%	4380	YES	
	R16	Residential	Bedroom	7.57	4.59	769	4.59	100%	100	50%	50%	4380	YES	
Twenty Second	R1	Residential	LKD	24.22	17.81	952	17.81	100%	150	50%	50%	4380	YES	
	R2	Residential	LKD	18.24	12.42	224	9.54	77%	150	50%	50%	4380	YES	
	R3	Residential	Bedroom	9.86	6.41	223	6.41	100%	100	50%	50%	4380	YES	
	R4	Residential	Bedroom	10.31	6.79	117	5.72	84%	100	50%	50%	4380	YES	
	R5	Residential	LKD	21.60	15.48	1615	15.48	100%	150	50%	50%	4380	YES	
	R6	Residential	LKD	22.78	16.36	2431	16.36	100%	150	50%	50%	4380	YES	
	R7	Residential	Bedroom	11.61	7.77	441	7.77	100%	100	50%	50%	4380	YES	
	R8	Residential	LKD	20.16	13.95	551	13.77	99%	150	50%	50%	4380	YES	
	R9	Residential	Bedroom	11.61	7.77	436	7.77	100%	100	50%	50%	4380	YES	
	R10	Residential	LKD	23.86	17.35	491	17.35	100%	150	50%	50%	4380	YES	
	R11	Residential	Bedroom	11.61	7.77	452	7.77	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	20.16	13.95	248	11.01	79%	150	50%	50%	4380	YES	
	R13	Residential	Bedroom	11.61	7.77	446	7.77	100%	100	50%	50%	4380	YES	
	R14	Residential	LKD	21.24	15.37	639	15.37	100%	150	50%	50%	4380	YES	
	R15	Residential	Bedroom	7.66	4.70	524	4.70	100%	100	50%	50%	4380	YES	
	R16	Residential	Bedroom	7.57	4.59	776	4.59	100%	100	50%	50%	4380	YES	
Twenty Third	R1	Residential	LKD	24.22	17.81	963	17.81	100%	150	50%	50%	4380	YES	
	R2	Residential	LKD	18.24	12.42	226	9.63	78%	150	50%	50%	4380	YES	
	R3	Residential	Bedroom	9.86	6.41	224	6.41	100%	100	50%	50%	4380	YES	
	R4	Residential	LKD	32.18	25.37	493	25.37	100%	150	50%	50%	4380	YES	
	R5	Residential	Bedroom	11.26	7.35	884	7.35	100%	100	50%	50%	4380	YES	
	R6	Residential	Bedroom	8.99	5.75	1042	5.75	100%	100	50%	50%	4380	YES	
	R8	Residential	Bedroom	10.31	6.79	116	5.62	83%	100	50%	50%	4380	YES	
	R9	Residential	LKD	21.60	15.48	1629	15.48	100%	150	50%	50%	4380	YES	
	R10	Residential	LKD	22.78	16.36	2425	16.36	100%	150	50%	50%	4380	YES	
	R11	Residential	Bedroom	11.61	7.77	402	7.77	100%	100	50%	50%	4380	YES	
	R12	Residential	LKD	20.16	13.95	558	13.95	100%	150	50%	50%	4380	YES	
	R13	Residential	Bedroom	11.61	7.77	377	7.77	100%	100	50%	50%	4380	YES	
	R14	Residential	LKD	23.86	17.35	498	17.35	100%	150	50%	50%	4380	YES	
	R15	Residential	Bedroom	11.61	7.77	458	7.77	100%	100	50%	50%	4380	YES	
	R16	Residential	LKD	20.16	13.95	257	11.10	80%	150	50%	50%	4380	YES	
	R17	Residential	Bedroom	11.61	7.77	450	7.77	100%	100	50%	50%	4380	YES	
	R18	Residential	LKD	21.24	15.37	648	15.37	100%	150	50%	50%	4380	YES	
	R19	Residential	Bedroom	7.66	4.70	528	4.70	100%	100	50%	50%	4380	YES	
	R20	Residential	Bedroom	7.57	4.59	776	4.59	100%	100	50%	50%	4380	YES	
Twenty Fourth	R1	Residential	LKD	24.22	17.81	965	17.81	100%	150	50%	50%	4380	YES	

Project Name: Harlech Court, Cardiff - No Meshes
Project No.: 19-00360-02a
Report Title: SDA BS En17037 Analysis - Proposed Scheme
Date of Analysis: 20/08/2024

										Criteria				Meets Criteria
Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux		Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R2	Residential	LKD	18.24	12.42	226	9.63	78%		150	50%	50%	4380	YES
	R3	Residential	Bedroom	9.86	6.41	224	6.41	100%		100	50%	50%	4380	YES
	R4	Residential	LKD	32.18	25.37	496	25.37	100%		150	50%	50%	4380	YES
	R5	Residential	Bedroom	11.26	7.35	886	7.35	100%		100	50%	50%	4380	YES
	R6	Residential	Bedroom	8.99	5.75	1047	5.75	100%		100	50%	50%	4380	YES
	R8	Residential	Bedroom	10.31	6.79	117	5.62	83%		100	50%	50%	4380	YES
	R9	Residential	LKD	21.60	15.48	1633	15.48	100%		150	50%	50%	4380	YES
	R10	Residential	LKD	22.78	16.36	2475	16.36	100%		150	50%	50%	4380	YES
	R11	Residential	Bedroom	11.61	7.77	405	7.77	100%		100	50%	50%	4380	YES
	R12	Residential	LKD	20.16	13.95	569	13.95	100%		150	50%	50%	4380	YES
	R13	Residential	Bedroom	11.61	7.77	382	7.77	100%		100	50%	50%	4380	YES
	R14	Residential	LKD	23.86	17.35	500	17.35	100%		150	50%	50%	4380	YES
	R15	Residential	Bedroom	11.61	7.77	474	7.77	100%		100	50%	50%	4380	YES
	R16	Residential	LKD	20.16	13.95	252	11.10	80%		150	50%	50%	4380	YES
	R17	Residential	Bedroom	11.61	7.77	460	7.77	100%		100	50%	50%	4380	YES
	R18	Residential	LKD	21.24	15.37	651	15.37	100%		150	50%	50%	4380	YES
	R19	Residential	Bedroom	7.66	4.70	530	4.70	100%		100	50%	50%	4380	YES
	R20	Residential	Bedroom	7.57	4.59	780	4.59	100%		100	50%	50%	4380	YES
Twenty Fifth	R1	Residential	LKD	24.22	17.81	970	17.81	100%		150	50%	50%	4380	YES
	R2	Residential	LKD	18.24	12.42	227	9.63	78%		150	50%	50%	4380	YES
	R3	Residential	Bedroom	9.86	6.41	226	6.41	100%		100	50%	50%	4380	YES
	R4	Residential	LKD	32.18	25.37	500	25.37	100%		150	50%	50%	4380	YES
	R5	Residential	Bedroom	11.26	7.35	894	7.35	100%		100	50%	50%	4380	YES
	R6	Residential	Bedroom	8.99	5.75	1047	5.75	100%		100	50%	50%	4380	YES
	R8	Residential	Bedroom	10.31	6.79	117	5.72	84%		100	50%	50%	4380	YES
	R9	Residential	LKD	21.60	15.48	1656	15.48	100%		150	50%	50%	4380	YES
	R10	Residential	LKD	22.78	16.36	2422	16.36	100%		150	50%	50%	4380	YES
	R11	Residential	Bedroom	11.61	7.77	451	7.77	100%		100	50%	50%	4380	YES
	R12	Residential	LKD	20.16	13.95	564	13.95	100%		150	50%	50%	4380	YES
	R13	Residential	Bedroom	11.61	7.77	445	7.77	100%		100	50%	50%	4380	YES
	R14	Residential	LKD	23.86	17.35	503	17.35	100%		150	50%	50%	4380	YES
	R15	Residential	Bedroom	11.61	7.77	476	7.77	100%		100	50%	50%	4380	YES
	R16	Residential	LKD	20.16	13.95	260	11.10	80%		150	50%	50%	4380	YES
	R17	Residential	Bedroom	11.61	7.77	462	7.77	100%		100	50%	50%	4380	YES
	R18	Residential	LKD	21.24	15.37	664	15.37	100%		150	50%	50%	4380	YES
	R19	Residential	Bedroom	7.66	4.70	533	4.70	100%		100	50%	50%	4380	YES
	R20	Residential	Bedroom	7.57	4.59	780	4.59	100%		100	50%	50%	4380	YES
Twenty Sixth	R1	Residential	LKD	24.22	17.81	974	17.81	100%		150	50%	50%	4380	YES
	R2	Residential	LKD	18.24	12.42	228	9.72	78%		150	50%	50%	4380	YES
	R3	Residential	Bedroom	9.86	6.41	228	6.41	100%		100	50%	50%	4380	YES
	R4	Residential	LKD	32.18	25.37	507	25.37	100%		150	50%	50%	4380	YES
	R5	Residential	Bedroom	11.26	7.35	902	7.35	100%		100	50%	50%	4380	YES
	R6	Residential	Bedroom	8.99	5.75	1050	5.75	100%		100	50%	50%	4380	YES
	R8	Residential	Bedroom	10.31	6.79	117	5.82	86%		100	50%	50%	4380	YES
	R9	Residential	LKD	21.60	15.48	1673	15.48	100%		150	50%	50%	4380	YES
	R10	Residential	LKD	22.78	16.36	2451	16.36	100%		150	50%	50%	4380	YES
	R11	Residential	Bedroom	11.61	7.77	407	7.77	100%		100	50%	50%	4380	YES
	R12	Residential	LKD	20.16	13.95	566	13.95	100%		150	50%	50%	4380	YES
	R13	Residential	Bedroom	11.61	7.77	386	7.77	100%		100	50%	50%	4380	YES
	R14	Residential	LKD	23.86	17.35	506	17.35	100%		150	50%	50%	4380	YES
	R15	Residential	Bedroom	11.61	7.77	464	7.77	100%		100	50%	50%	4380	YES
	R16	Residential	LKD	20.16	13.95	253	11.10	80%		150	50%	50%	4380	YES
	R17	Residential	Bedroom	11.61	7.77	458	7.77	100%		100	50%	50%	4380	YES
	R18	Residential	LKD	21.24	15.37	652	15.37	100%		150	50%	50%	4380	YES
	R19	Residential	Bedroom	7.66	4.70	535	4.70	100%		100	50%	50%	4380	YES
	R20	Residential	Bedroom	7.57	4.59	783	4.59	100%		100	50%	50%	4380	YES
Twenty Seventh	R1	Residential	LKD	24.22	17.81	976	17.81	100%		150	50%	50%	4380	YES
	R2	Residential	LKD	18.24	12.42	231	9.81	79%		150	50%	50%	4380	YES
	R3	Residential	Bedroom	9.86	6.41	231	6.41	100%		100	50%	50%	4380	YES
	R4	Residential	LKD	32.18	25.37	521	25.37	100%		150	50%	50%	4380	YES
	R5	Residential	Bedroom	11.26	7.35	907	7.35	100%		100	50%	50%	4380	YES
	R6	Residential	Bedroom	8.99	5.75	1051	5.75	100%		100	50%	50%	4380	YES
	R8	Residential	Bedroom	10.31	6.79	118	5.91	87%		100	50%	50%	4380	YES
	R9	Residential	LKD	21.60	15.48	1667	15.48	100%		150	50%	50%	4380	YES
	R10	Residential	LKD	22.78	16.36	2487	16.36	100%		150	50%	50%	4380	YES
	R11	Residential	Bedroom	11.61	7.77	410	7.77	100%		100	50%	50%	4380	YES
	R12	Residential	LKD	20.16	13.95	579	13.95	100%		150	50%	50%	4380	YES
	R13	Residential	Bedroom	11.61	7.77	386	7.77	100%		100	50%	50%	4380	YES
	R14	Residential	LKD	23.86	17.35	507	17.35	100%		150	50%	50%	4380	YES
	R15	Residential	Bedroom	11.61	7.77	465	7.77	100%		100	50%	50%	4380	YES
	R16	Residential	LKD	20.16	13.95	262	11.28	81%		150	50%	50%	4380	YES
	R17	Residential	Bedroom	11.61	7.77	460	7.77	100%		100	50%	50%	4380	YES
	R18	Residential	LKD	21.24	15.37	666	15.37	100%		150	50%	50%	4380	YES
	R19	Residential	Bedroom	7.66	4.70	537	4.70	100%		100	50%	50%	4380	YES
	R20	Residential	Bedroom	7.57	4.59	783	4.59	100%		100	50%	50%	4380	YES
Twenty Eighth	R1	Residential	LKD	24.22	17.81	978	17.81	100%		150	50%	50%	4380	YES
	R2	Residential	LKD	18.24	12.42	233	9.90	80%		150	50%	50%	4380	YES
	R3	Residential	Bedroom	9.86	6.41	238	6.41	100%		100	50%	50%	4380	YES
	R4	Residential	Bedroom	10.31	6.79	122	6.11	90%		100	50%	50%	4380	YES
	R5	Residential	LKD	21.60	15.48	1680	15.48	100%		150	50%	50%	4380	YES
	R6	Residential	LKD	22.78	16.36	2452	16.36	100%		150	50%	50%	4380	YES
	R7	Residential	Bedroom	11.61	7.77	457	7.77	100%		100	50%	50%	4380	YES
	R8	Residential	LKD	20.16	13.95	569	13.95	100%		150	50%	50%	4380	YES
	R9	Residential	Bedroom	11.61	7.77	449	7.77	100%		100	50%	50%	4380	YES
	R10	Residential	LKD	23.86	17.35	510	17.35	100%		150	50%	50%	4380	YES
	R11	Residential	Bedroom	11.61	7.77	480	7.77	100%		100	50%	50%	4380	YES
	R12	Residential	LKD	20.16	13.95	255	11.19	80%		150	50%	50%	4380	YES
	R13	Residential	Bedroom	11.61	7.77	467	7.77	100%		100	50%	50%	4380	YES
	R14	Residential	LKD	21.24	15.37	654	15.37	100%		150	50%	50%	4380	YES

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Floor Ref	Room Ref	Property Type	Room Use	Room Area m2	Effective Area	Median Lux	Area Meeting Req Lux	% of Area Meeting Req Lux	Criteria				Meets Criteria
									Req Lux	Req % of Effective Area	Req % of Daylight Hours	Daylight Hours	
	R15	Residential	Bedroom	7.66	4.70	541	4.70	100%	100	50%	50%	4380	YES
	R16	Residential	Bedroom	7.57	4.59	784	4.59	100%	100	50%	50%	4380	YES

SE Results



Project Name: Harlech Court, Cardiff - No Meshes
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Date: 20/08/2024

Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Harlech Court							
First	R1	Residential	LKD	W1	54°N	0	
				W2	54°N	0	
						0	Failed
First	R2	Residential	Bedroom	W3	54°N	0	
						0	Failed
First	R3	Residential	Bedroom	W4	54°N	0.9	
						0.9	Failed
First	R4	Residential	LKD	W5	54°N	1.3	
				W6	54°N	1	
						1.3	Failed
First	R5	Residential	Bedroom	W7	54°N	0.9	
						0.9	Failed
First	R6	Residential	LKD	W8	144°	6.2	
				W9	144°	2.7	
				W10	144°	5.9	
				W11	144°	5.5	
				W12	144°	4.9	
				W13	144°	2	
				W14	144°	3.6	
						6.3	High
First	R7	Residential	LKD	W15	144°	1.9	
				W16	144°	0.7	
				W17	144°	1.8	
				W18	144°	2	
				W19	144°	2.1	
						2.1	Minimum
First	R8	Residential	Bedroom	W20	234°	2.2	
						2.2	Minimum
First	R9	Residential	Bedroom	W21	234°	2.1	
						2.1	Minimum
First	R10	Residential	LKD	W22	234°	2.1	
				W23	234°	0.6	
				W24	234°	1.6	
						2.1	Minimum
First	R11	Residential	Bedroom	W25	234°	1.7	
				W26	234°	0.6	
						1.7	Minimum
First	R12	Residential	LKD	W27	234°	2.3	
				W28	234°	0.4	
				W29	234°	1.4	
						2.3	Minimum
First	R13	Residential	Bedroom	W30	234°	1.3	
				W31	234°	0.3	
						1.3	Failed
First	R14	Residential	LKD	W32	234°	2	
				W33	234°	1.2	
				W34	234°	0.1	
						2	Minimum
First	R15	Residential	Bedroom	W35	234°	1.1	
				W36	234°	0	
						1.1	Failed
First	R16	Residential	LKD	W37	234°	0.9	
				W38	234°	0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
						0.9	Failed
First	R17	Residential	Bedroom	W39	234°	0.8	
				W40	234°	0	
						0.8	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Second	R1	Residential	LKD	W1	324°N	0	Failed
				W2	324°N	0	
				W3	324°N	0	
				W4	54°N	0	
				W5	54°N	0	
				W6	54°N	0	
				W7	54°N	0	
Second	R2	Residential	LKD	W8	54°N	0	Failed
				W9	54°N	0	
Second	R3	Residential	Bedroom	W10	54°N	0	Failed
Second	R4	Residential	LKD	W11	324°N	0	Failed
				W12	324°N	0	
				W13	324°N	0	
Second	R5	Residential	Bedroom	W14	324°N	0	Failed
				W15	324°N	0	
Second	R6	Residential	Bedroom	W16	324°N	0	Failed
Second	R7	Residential	Bedroom	W17	324°N	0	Failed
				W18	324°N	0	
Second	R8	Residential	LKD	W19	324°N	0	Failed
				W20	54°N	0.4	
				W21	54°N	0	
Second	R9	Residential	LKD	W22	54°N	0.4	Minimum
				W23	54°N	1.5	
				W24	54°N	0	
				W25	54°N	0.5	
				W26	54°N	1	
				W27	144°	5.2	
Second	R10	Residential	Bedroom	W28	144°	2.8	High
				W29	144°	4.8	
Second	R11	Residential	LKD	W30	144°	4.4	High
				W31	144°	2.1	
				W32	144°	4	
Second	R12	Residential	Bedroom	W33	144°	3.3	Medium
				W34	54°N	0.6	
Second	R13	Residential	Bedroom	W35	54°N	1.3	Failed
Second	R14	Residential	LKD	W36	54°N	0.8	Failed
				W37	54°N	0	
Second	R15	Residential	Bedroom	W38	54°N	0.9	Failed
				W39	144°	6.3	
Second	R16	Residential	LKD	W40	144°	6.1	Failed

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)		Rating
				W41	144°	2.8		
				W42	144°	5.6		
				W43	144°	5		
				W44	144°	2.1		
				W45	144°	3.7		High

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Second	R18	Residential	LKD	W46	144°	2	
				W47	144°	0.7	
				W48	144°	1.8	
				W49	144°	2	
				W50	144°	2.1	
						2.1	Minimum
Second	R19	Residential	Bedroom	W51	234°	2.2	
						2.2	Minimum
Second	R20	Residential	Bedroom	W52	234°	2.1	
						2.1	Minimum
Second	R21	Residential	LKD	W53	234°	2.1	
				W54	234°	1.8	
				W55	234°	0.6	
						2.1	Minimum
Second	R22	Residential	Bedroom	W56	234°	1.7	
				W57	234°	0.6	
						1.7	Minimum
Second	R23	Residential	LKD	W58	234°	2.3	
				W59	234°	1.5	
				W60	234°	0.4	
						2.3	Minimum
Second	R24	Residential	Bedroom	W61	234°	1.3	
				W62	234°	0.3	
						1.3	Failed
Second	R25	Residential	LKD	W63	234°	2	
				W64	234°	0.2	
				W65	234°	1.2	
						2	Minimum
Second	R26	Residential	Bedroom	W66	234°	0	
				W67	234°	1	
						1.1	Failed
Second	R27	Residential	LKD	W68	234°	0	
				W69	234°	0.9	
						0.9	Failed
Second	R28	Residential	Bedroom	W70	234°	0	
				W71	234°	0.8	
						0.8	
Second	R29	Residential	LKD	W72	234°	0	
				W73	234°	0.2	
				W74	234°	0.5	
				W75	234°	0.9	
				W76	324°N	0	
				W77	324°N	0	
				W78	324°N	0.1	
						0.9	Failed
Second	R30	Residential	Bedroom	W79	324°N	0	
				W80	324°N	0	
				W81	324°N	0	
						0	Failed
Second	R31	Residential	Bedroom	W82	324°N	0	
				W83	324°N	0	
						0	Failed
Third	R1	Residential	LKD	W1	324°N	0	
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Third	R2	Residential	LKD	W5	54°N	0	Failed
						0	
				W6	54°N	0	
Third	R3	Residential	Bedroom	W7	54°N	0	Failed
						0	
				W8	54°N	0	
Third	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Third	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Third	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
						0	
Third	R6	Residential	Bedroom	W14	324°N	0	Failed
						0	
Third	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	
Third	R8	Residential	LKD	W16	324°N	0	Failed
				W17	324°N	0	
				W18	54°N	0.4	
						0.4	
Third	R9	Residential	LKD	W19	54°N	0.4	Minimum
				W20	54°N	0	
				W21	54°N	1.5	
				W22	54°N	0	
				W23	54°N	0.5	
				W24	54°N	1	
						1.6	
Third	R10	Residential	Bedroom	W25	144°	5.4	High
						5.4	
Third	R11	Residential	Bedroom	W26	144°	5	High
				W27	144°	2.7	
						5	
Third	R12	Residential	LKD	W28	144°	4.4	High
				W29	144°	2.1	
				W30	144°	4	
						4.4	
Third	R13	Residential	Bedroom	W31	144°	3.3	Medium
						3.3	
Third	R14	Residential	Bedroom	W32	54°N	0.6	Failed
						0.6	
Third	R15	Residential	LKD	W33	54°N	1.3	Failed
				W34	54°N	0.6	
				W35	54°N	0	
						1.3	
Third	R16	Residential	Bedroom	W36	54°N	0.9	Failed
						0.9	
Third	R17	Residential	LKD	W37	144°	6.3	High
				W38	144°	6.1	
				W39	144°	2.8	
				W40	144°	5.6	
				W41	144°	5	
				W42	144°	4.3	
				W43	144°	1.9	
Third	R18	Residential	LKD	W44	144°	2	Minimum
				W45	144°	0.7	
				W46	144°	1.8	
				W47	144°	2	
				W48	144°	2.1	
Third	R19	Residential	Bedroom	W49	234°	2.2	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Third	R20	Residential	Bedroom	W50	234°	2.2	Minimum
						2.1	
						2.1	Minimum
Third	R21	Residential	LKD	W51	234°	2.1	
				W52	234°	1.8	
				W53	234°	0.6	
						2.1	Minimum

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Third	R22	Residential	Bedroom	W54 W55	234° 234°	1.7	Minimum
						0.6	
						1.7	
Third	R23	Residential	LKD	W56 W57 W58	234° 234° 234°	2.3	Minimum
						1.5	
						0.4	
Third	R24	Residential	Bedroom	W59 W60	234° 234°	1.3	Failed
						0.3	
						1.3	
Third	R25	Residential	LKD	W61 W62 W63	234° 234° 234°	2	Minimum
						1.2	
						0.1	
Third	R26	Residential	Bedroom	W64 W65	234° 234°	0	Failed
						1	
						1.1	
Third	R27	Residential	LKD	W66 W67	234° 234°	0.9	Failed
						0	
						0.9	
Third	R28	Residential	Bedroom	W68 W69	234° 234°	0	Failed
						0.8	
						0.8	
Third	R29	Residential	LKD	W70	234°	0.8	Failed
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	
						0.8	
Third	R30	Residential	Bedroom	W75 W76	324°N 324°N	0	Failed
						0	
						0	
Third	R31	Residential	Bedroom	W77	324°N	0.5	Failed
						0.5	
Fourth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
				W5	54°N	0	
						0	
Fourth	R2	Residential	LKD	W6 W7	54°N 54°N	0	Failed
						0	
						0	
Fourth	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	
Fourth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Fourth	R5	Residential	Bedroom	W12 W13	324°N 324°N	0	Failed
						0	
						0	
Fourth	R6	Residential	Bedroom	W14	324°N	0	Failed
						0	
Fourth	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fourth	R8	Residential	LKD	W16	324°N	0	
				W17	324°N	0	
				W18	54°N	0.4	
						0.4	Failed

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fourth	R9	Residential	LKD	W19	54°N	0	Minimum
				W20	54°N	0.4	
				W21	54°N	1.5	
				W22	54°N	0.5	
				W23	54°N	0	
				W24	54°N	1	
Fourth	R10	Residential	Bedroom	W25	144°	1.6	High
						5.2	
Fourth	R11	Residential	Bedroom	W26	144°	5	High
				W27	144°	2.7	
Fourth	R12	Residential	LKD	W28	144°	5	High
				W29	144°	2.3	
Fourth	R13	Residential	Bedroom	W30	144°	4.3	High
				W31	144°	4	
Fourth	R14	Residential	Bedroom	W32	54°N	4.4	Medium
						3.3	
Fourth	R15	Residential	LKD	W33	54°N	0.6	Failed
				W34	54°N	0.6	
Fourth	R16	Residential	Bedroom	W35	54°N	0	Failed
				W36	54°N	1.5	
Fourth	R17	Residential	LKD	W37	144°	0.9	High
				W38	144°	6.3	
Fourth	R18	Residential	LKD	W39	144°	2.8	Minimum
				W40	144°	5.9	
Fourth	R19	Residential	Bedroom	W41	144°	5.6	Minimum
				W42	144°	5	
Fourth	R20	Residential	Bedroom	W43	144°	4.3	Minimum
				W44	144°	1.9	
Fourth	R21	Residential	LKD	W45	144°	6.3	Minimum
				W46	144°	2	
Fourth	R22	Residential	Bedroom	W47	144°	0.7	Minimum
				W48	144°	1.8	
Fourth	R23	Residential	LKD	W49	234°	2	Minimum
				W50	234°	2.2	
Fourth	R24	Residential	Bedroom	W51	234°	2.1	Minimum
				W52	234°	2.1	
Fourth	R25	Residential	LKD	W53	234°	0.6	Minimum
				W54	234°	1.6	
Fourth	R26	Residential	Bedroom	W55	234°	2.1	Minimum
				W56	234°	0.6	
Fourth	R27	Residential	LKD	W57	234°	1.7	Minimum
				W58	234°	2.3	
Fourth	R28	Residential	Bedroom	W59	234°	0.4	Minimum
				W60	234°	1.4	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fourth	R25	Residential	LKD	W60	234°	1.4	Failed
						1.4	
				W61	234°	2	
				W62	234°	0.2	
Fourth	R26	Residential	Bedroom	W63	234°	1.2	Minimum
						2	
				W64	234°	1.1	
				W65	234°	0	
Fourth	R27	Residential	LKD			1.1	Failed
				W66	234°	0	
				W67	234°	0.9	
						0.9	
Fourth	R28	Residential	Bedroom	W68	234°	0.8	Failed
				W69	234°	0	
						0.8	
						0.8	
Fourth	R29	Residential	LKD	W70	234°	0.9	Failed
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
Fourth	R30	Residential	Bedroom	W74	324°N	0	Failed
						0.9	
				W75	324°N	0	
				W76	324°N	0	
Fourth	R31	Residential	Bedroom			0	Failed
				W77	324°N	0.5	
						0.5	
						0.5	
Fifth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
Fifth	R2	Residential	LKD	W5	54°N	0	Failed
						0	
				W6	54°N	0	
				W7	54°N	0	
Fifth	R3	Residential	Bedroom			0	Failed
				W8	54°N	0	
						0	
						0	
Fifth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Fifth	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
						0	
						0	
Fifth	R6	Residential	Bedroom	W14	324°N	0	Failed
						0	
						0	
						0	
Fifth	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	
						0	
						0	
Fifth	R8	Residential	LKD	W16	324°N	0	Failed
				W17	324°N	0	
				W18	54°N	0.5	
						0.5	
Fifth	R9	Residential	LKD	W19	54°N	0.4	Failed
				W20	54°N	0	
				W21	54°N	1.4	
				W22	54°N	0.4	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
				W23	54°N	0	Minimum
				W24	54°N	1	
						1.6	
Fifth	R10	Residential	Bedroom	W25	144°	5.4	High
						5.4	
Fifth	R11	Residential	Bedroom	W26	144°	5	High
				W27	144°	2.7	
						5	
Fifth	R12	Residential	LKD	W28	144°	2.3	High
				W29	144°	4.3	
				W30	144°	4	
						4.4	
Fifth	R13	Residential	Bedroom	W31	144°	3.3	Medium
						3.3	
Fifth	R14	Residential	Bedroom	W32	54°N	0.6	Failed
						0.6	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fifth	R15	Residential	LKD	W33	54°N	1.5	
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	Minimum
Fifth	R16	Residential	Bedroom	W36	54°N	0.9	
						0.9	Failed
Fifth	R17	Residential	LKD	W37	144°	6.3	
				W38	144°	2.8	
				W39	144°	5.9	
				W40	144°	5.6	
				W41	144°	5	
				W42	144°	2.1	
				W43	144°	3.7	
						6.3	High
Fifth	R18	Residential	LKD	W44	144°	2	
				W45	144°	0.7	
				W46	144°	1.8	
				W47	144°	2	
				W48	144°	2.1	
						2.1	Minimum
Fifth	R19	Residential	Bedroom	W49	234°	2.2	
						2.2	Minimum
Fifth	R20	Residential	Bedroom	W50	234°	2.1	
						2.1	Minimum
Fifth	R21	Residential	LKD	W51	234°	2.1	
				W52	234°	0.6	
				W53	234°	1.6	
						2.1	Minimum
Fifth	R22	Residential	Bedroom	W54	234°	1.7	
				W55	234°	0.6	
						1.7	Minimum
Fifth	R23	Residential	LKD	W56	234°	2.3	
				W57	234°	0.4	
				W58	234°	1.4	
						2.3	Minimum
Fifth	R24	Residential	Bedroom	W59	234°	1.3	
				W60	234°	0.3	
						1.3	Failed
Fifth	R25	Residential	LKD	W61	234°	2	
				W62	234°	1.2	
				W63	234°	0.2	
						2	Minimum
Fifth	R26	Residential	Bedroom	W64	234°	1.1	
				W65	234°	0.1	
						1.1	Failed
Fifth	R27	Residential	LKD	W66	234°	1	
				W67	234°	0	
						1	Failed
Fifth	R28	Residential	Bedroom	W68	234°	0.9	
				W69	234°	0	
						0.9	Failed
Fifth	R29	Residential	LKD	W70	234°	0.9	
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
						0.9	Failed
Fifth	R30	Residential	Bedroom	W75	324°N	0	
				W76	324°N	0	
						0	Failed
Fifth	R31	Residential	Bedroom	W77	324°N	0.5	
						0.5	Failed

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Sixth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
				W5	54°N	0	
						0	
Sixth	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
Sixth	R3	Residential	Bedroom	W8	54°N	0	Failed
Sixth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Sixth	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
						0	
Sixth	R6	Residential	Bedroom	W14	324°N	0	Failed
Sixth	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	
Sixth	R8	Residential	LKD	W16	324°N	0	Failed
				W17	324°N	0	
				W18	54°N	0.7	
						0.7	
Sixth	R9	Residential	LKD	W19	54°N	0	Minimum
				W20	54°N	0.5	
				W21	54°N	1.6	
				W22	54°N	0	
				W23	54°N	0.5	
				W24	54°N	1	
						1.6	
Sixth	R10	Residential	Bedroom	W25	144°	5.4	High
Sixth	R11	Residential	Bedroom	W26	144°	2.8	High
						4.8	
						4.9	
Sixth	R12	Residential	LKD	W28	144°	4.4	High
				W29	144°	2.1	
				W30	144°	4	
						4.4	
Sixth	R13	Residential	Bedroom	W31	144°	3.3	Medium
Sixth	R14	Residential	Bedroom	W32	54°N	0.6	Failed
						0.6	
Sixth	R15	Residential	LKD	W33	54°N	1.5	Minimum
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	
Sixth	R16	Residential	Bedroom	W36	54°N	0.9	Failed
Sixth	R17	Residential	LKD	W37	144°	6.3	
				W38	144°	6.1	
				W39	144°	2.8	
				W40	144°	5.6	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
				W41	144°	5	High
				W42	144°	2.1	
				W43	144°	3.7	
						6.3	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Sixth	R18	Residential	LKD	W44	144°	2	
				W45	144°	0.7	
				W46	144°	1.8	
				W47	144°	2	
				W48	144°	2.1	
						2.1	Minimum
Sixth	R19	Residential	Bedroom	W49	234°	2.2	
						2.2	Minimum
Sixth	R20	Residential	Bedroom	W50	234°	2.1	
						2.1	Minimum
Sixth	R21	Residential	LKD	W51	234°	2.1	
				W52	234°	1.8	
				W53	234°	0.6	
						2.1	Minimum
Sixth	R22	Residential	Bedroom	W54	234°	1.7	
				W55	234°	0.6	
						1.7	Minimum
Sixth	R23	Residential	LKD	W56	234°	2.3	
				W57	234°	1.5	
				W58	234°	0.4	
						2.3	Minimum
Sixth	R24	Residential	Bedroom	W59	234°	1.3	
				W60	234°	0.4	
						1.3	Failed
Sixth	R25	Residential	LKD	W61	234°	2.1	
				W62	234°	0.3	
				W63	234°	1.3	
						2.1	Minimum
Sixth	R26	Residential	Bedroom	W64	234°	0.2	
				W65	234°	1.2	
						1.2	Failed
Sixth	R27	Residential	LKD	W66	234°	0.1	
				W67	234°	1.1	
						1.1	Failed
Sixth	R28	Residential	Bedroom	W68	234°	0	
				W69	234°	1	
						1	Failed
Sixth	R29	Residential	LKD	W70	234°	1	
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	
						1	Failed
Sixth	R30	Residential	Bedroom	W75	324°N	0	
				W76	324°N	0	
						0	Failed
Sixth	R31	Residential	Bedroom	W77	324°N	0.5	
						0.5	Failed
Seventh	R1	Residential	LKD	W1	324°N	0	
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
				W5	54°N	0	
						0	Failed
Seventh	R2	Residential	LKD	W6	54°N	0	
				W7	54°N	0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
						0	Failed
Seventh	R3	Residential	Bedroom	W8	54°N	0	
						0	Failed
Seventh	R4	Residential	LKD	W9	324°N	0	
				W10	324°N	0	
				W11	324°N	0	
						0	Failed

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Seventh	R5	Residential	Bedroom	W12 W13	324°N 324°N	0	
						0	
						0	Failed
Seventh	R6	Residential	Bedroom	W14	324°N	0	
						0	Failed
Seventh	R7	Residential	Bedroom	W15	324°N	0	
						0	Failed
Seventh	R8	Residential	LKD	W16 W17 W18	324°N 324°N 54°N	0	
						0	
						0.9	
						0.9	Failed
Seventh	R9	Residential	LKD	W19 W20 W21 W22 W23 W24	54°N 54°N 54°N 54°N 54°N 54°N	0.8	
						0	
						1.8	
						0	
						0.7	
						1.2	
						1.9	Minimum
Seventh	R10	Residential	Bedroom	W25	144°	5.2	
						5.2	High
Seventh	R11	Residential	Bedroom	W26 W27	144° 144°	5	
						2.7	
						5	High
Seventh	R12	Residential	LKD	W28 W29 W30	144° 144° 144°	4.4	
						2.1	
						4	
						4.4	High
Seventh	R13	Residential	Bedroom	W31	144°	3.3	
						3.3	Medium
Seventh	R14	Residential	Bedroom	W32	54°N	0.6	
						0.6	Failed
Seventh	R15	Residential	LKD	W33 W34 W35	54°N 54°N 54°N	1.5	
						0.6	
						0	
						1.5	Minimum
Seventh	R16	Residential	Bedroom	W36	54°N	0.9	
						0.9	Failed
Seventh	R17	Residential	LKD	W37 W38 W39 W40 W41 W42 W43	144° 144° 144° 144° 144° 144° 144°	6.3	
						6.1	
						2.8	
						5.6	
						5	
						4.3	
						1.9	
						6.3	High
Seventh	R18	Residential	LKD	W44 W45 W46 W47 W48	144° 144° 144° 144° 144°	2	
						0.7	
						1.8	
						2	
						2.1	
						2.1	Minimum
Seventh	R19	Residential	Bedroom	W49	234°	2.2	
						2.2	Minimum
Seventh	R20	Residential	Bedroom	W50	234°	2.1	
						2.1	Minimum
Seventh	R21	Residential	LKD	W51	234°	2.1	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Seventh	R22	Residential	Bedroom	W52	234°	0.6	Minimum
				W53	234°	1.6	
						2.1	
				W54	234°	0.6	
				W55	234°	1.7	
						1.7	Minimum

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Seventh	R23	Residential	LKD	W56	234°	2.4	
				W57	234°	0.5	
				W58	234°	1.5	
						2.4	Minimum
Seventh	R24	Residential	Bedroom	W59	234°	0.5	
				W60	234°	1.5	
						1.5	Minimum
Seventh	R25	Residential	LKD	W61	234°	2.1	
				W62	234°	1.4	
				W63	234°	0.3	
						2.1	Minimum
Seventh	R26	Residential	Bedroom	W64	234°	0.2	
				W65	234°	1.2	
						1.3	Failed
Seventh	R27	Residential	LKD	W66	234°	1.2	
				W67	234°	0.1	
						1.2	Failed
Seventh	R28	Residential	Bedroom	W68	234°	0.1	
				W69	234°	1.1	
						1.1	Failed
Seventh	R29	Residential	LKD	W70	234°	1.1	
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	
						1.1	Failed
Seventh	R30	Residential	Bedroom	W75	324°N	0	
				W76	324°N	0	
						0	Failed
Seventh	R31	Residential	Bedroom	W77	324°N	0.5	
						0.5	Failed
Eighth	R1	Residential	LKD	W1	324°N	0	
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
				W5	54°N	0	
						0	Failed
Eighth	R2	Residential	LKD	W6	54°N	0	
				W7	54°N	0	
						0	Failed
Eighth	R3	Residential	Bedroom	W8	54°N	0	
						0	Failed
Eighth	R4	Residential	LKD	W9	324°N	0	
				W10	324°N	0	
				W11	324°N	0	
						0	Failed
Eighth	R5	Residential	Bedroom	W12	324°N	0	
				W13	324°N	0	
						0	Failed
Eighth	R6	Residential	Bedroom	W14	324°N	0	
						0	Failed
Eighth	R7	Residential	Bedroom	W15	324°N	0	
						0	Failed
Eighth	R8	Residential	LKD	W16	324°N	0	
				W17	324°N	0	
				W18	54°N	0.9	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
						0.9	Failed
Eighth	R9	Residential	LKD	W19	54°N	0	
				W20	54°N	0.8	
				W21	54°N	1.9	
				W22	54°N	0.8	
				W23	54°N	0	
				W24	54°N	1.2	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Eighth	R10	Residential	Bedroom	W25	144°	5.4	
						5.4	High
Eighth	R11	Residential	Bedroom	W26	144°	5	
				W27	144°	2.7	
						5	High
Eighth	R12	Residential	LKD	W28	144°	4.4	
				W29	144°	2.1	
				W30	144°	4	
						4.4	High
Eighth	R13	Residential	Bedroom	W31	144°	3.3	
						3.3	Medium
Eighth	R14	Residential	Bedroom	W32	54°N	0.6	
						0.6	Failed
Eighth	R15	Residential	LKD	W33	54°N	1.5	
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	Minimum
Eighth	R16	Residential	Bedroom	W36	54°N	0.9	
						0.9	Failed
Eighth	R17	Residential	LKD	W37	144°	6.3	
				W38	144°	2.8	
				W39	144°	5.9	
				W40	144°	5.6	
				W41	144°	5	
				W42	144°	4.3	
				W43	144°	1.9	
						6.3	High
Eighth	R18	Residential	LKD	W44	144°	2	
				W45	144°	0.7	
				W46	144°	1.8	
				W47	144°	2	
				W48	144°	2.1	
						2.1	Minimum
Eighth	R19	Residential	Bedroom	W49	234°	2.2	
						2.2	Minimum
Eighth	R20	Residential	Bedroom	W50	234°	2.1	
						2.1	Minimum
Eighth	R21	Residential	LKD	W51	234°	2.2	
				W52	234°	0.6	
				W53	234°	1.7	
						2.2	Minimum
Eighth	R22	Residential	Bedroom	W54	234°	1.8	
				W55	234°	0.6	
						1.8	Minimum
Eighth	R23	Residential	LKD	W56	234°	2.4	
				W57	234°	0.6	
				W58	234°	1.6	
						2.4	Minimum
Eighth	R24	Residential	Bedroom	W59	234°	1.5	
				W60	234°	0.5	
						1.5	Minimum
Eighth	R25	Residential	LKD	W61	234°	2.2	
				W62	234°	0.4	
				W63	234°	1.4	
						2.2	Minimum
Eighth	R26	Residential	Bedroom	W64	234°	1.4	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)		Rating
Eighth	R27	Residential	LKD	W65	234°	0.3		Failed
						1.4		
				W66	234°	0.3		Failed
				W67	234°	1.3		
Eighth	R28	Residential	Bedroom	W68	234°	1.2		Failed
				W69	234°	0.3		
						1.2		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Eighth	R29	Residential	LKD	W70	234°	1.3	Failed
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	
						1.3	
Eighth	R30	Residential	Bedroom	W75	324°N	0	Failed
				W76	324°N	0	
						0	
Eighth	R31	Residential	Bedroom	W77	324°N	0.5	Failed
						0.5	
Ninth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
				W5	54°N	0	
						0	
Ninth	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
Ninth	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	
Ninth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Ninth	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
						0	
Ninth	R6	Residential	Bedroom	W14	324°N	0	Failed
						0	
Ninth	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	
Ninth	R8	Residential	LKD	W16	324°N	0	Failed
				W17	324°N	0	
				W18	54°N	0.9	
						0.9	
Ninth	R9	Residential	LKD	W19	54°N	0.8	Minimum
				W20	54°N	0	
				W21	54°N	1.9	
				W22	54°N	0.8	
				W23	54°N	0	
				W24	54°N	1.2	
						1.9	
Ninth	R10	Residential	Bedroom	W25	144°	5.2	High
						5.2	
Ninth	R11	Residential	Bedroom	W26	144°	2.8	High
				W27	144°	4.8	
						4.9	
Ninth	R12	Residential	LKD	W28	144°	4.4	High
				W29	144°	2.1	
				W30	144°	4	
						4.4	
Ninth	R13	Residential	Bedroom	W31	144°	3.3	Medium
						3.3	
Ninth	R14	Residential	Bedroom	W32	54°N	0.6	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
						0.6	Failed
Ninth	R15	Residential	LKD	W33	54°N	1.5	
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	
Ninth	R16	Residential	Bedroom	W36	54°N	0.9	
						0.9	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Ninth	R17	Residential	LKD	W37	144°	6.3	High
				W38	144°	2.8	
				W39	144°	5.9	
				W40	144°	5.6	
				W41	144°	5	
				W42	144°	2.1	
				W43	144°	3.7	
Ninth	R18	Residential	LKD	W44	144°	2	Minimum
					144°	0.7	
					144°	1.8	
					144°	2	
					144°	2.1	
						2.1	
Ninth	R19	Residential	Bedroom	W49	234°	2.3	Minimum
						2.3	
Ninth	R20	Residential	Bedroom	W50	234°	2.2	Minimum
						2.2	
Ninth	R21	Residential	LKD	W51	234°	2.3	Minimum
				W52	234°	2	
				W53	234°	0.6	
						2.3	
Ninth	R22	Residential	Bedroom	W54	234°	1.9	Minimum
				W55	234°	0.6	
						1.9	
Ninth	R23	Residential	LKD	W56	234°	2.5	Minimum
				W57	234°	1.7	
				W58	234°	0.6	
						2.5	
Ninth	R24	Residential	Bedroom	W59	234°	1.6	Minimum
				W60	234°	0.6	
						1.6	
Ninth	R25	Residential	LKD	W61	234°	2.4	Minimum
				W62	234°	1.6	
				W63	234°	0.6	
						2.4	
Ninth	R26	Residential	Bedroom	W64	234°	1.5	Minimum
				W65	234°	0.5	
						1.5	
Ninth	R27	Residential	LKD	W66	234°	1.5	Minimum
				W67	234°	0.5	
						1.5	
Ninth	R28	Residential	Bedroom	W68	234°	1.5	Minimum
				W69	234°	0.5	
						1.5	
Ninth	R29	Residential	LKD	W70	234°	1.7	Minimum
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	
						1.7	
Ninth	R30	Residential	Bedroom	W75	324°N	0	Failed
				W76	324°N	0	
						0	
Ninth	R31	Residential	Bedroom	W77	324°N	0.5	Failed
						0.5	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Tenth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
				W5	54°N	0	
						0	
Tenth	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
Tenth	R3	Residential	Bedroom	W8	54°N	0	Failed
Tenth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Tenth	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
						0	
Tenth	R6	Residential	Bedroom	W14	324°N	0	Failed
Tenth	R7	Residential	Bedroom	W15	324°N	0	Failed
Tenth	R8	Residential	LKD	W16	324°N	0	Failed
				W17	324°N	0	
				W18	54°N	0.9	
						0.9	
Tenth	R9	Residential	LKD	W19	54°N	0	Minimum
				W20	54°N	0.8	
				W21	54°N	1.9	
				W22	54°N	0	
				W23	54°N	0.8	
				W24	54°N	1.2	
						1.9	
Tenth	R10	Residential	Bedroom	W25	144°	5.4	High
Tenth	R11	Residential	Bedroom	W26	144°	2.8	High
				W27	144°	4.8	
						4.9	
Tenth	R12	Residential	LKD	W28	144°	4.4	High
				W29	144°	2.1	
				W30	144°	4	
						4.4	
Tenth	R13	Residential	Bedroom	W31	144°	3.3	Medium
Tenth	R14	Residential	Bedroom	W32	54°N	0.6	Failed
Tenth	R15	Residential	LKD	W33	54°N	1.5	Minimum
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	
Tenth	R16	Residential	Bedroom	W36	54°N	0.9	Failed
Tenth	R17	Residential	LKD	W37	144°	6.3	
				W38	144°	6.1	
				W39	144°	2.8	
				W40	144°	5.6	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
				W41	144°	5	High
				W42	144°	2.1	
				W43	144°	3.7	
						6.3	
Tenth	R18	Residential	LKD	W44	144°	2	Minimum
				W45	144°	0.7	
				W46	144°	1.8	
				W47	144°	2	
				W48	144°	2.1	Minimum
						2.1	
Tenth	R19	Residential	Bedroom	W49	234°	2.4	Minimum
						2.4	
Tenth	R20	Residential	Bedroom	W50	234°	2.3	Minimum
						2.3	
Tenth	R21	Residential	LKD	W51	234°	2.4	Minimum
				W52	234°	0.6	
				W53	234°	1.9	
						2.4	
Tenth	R22	Residential	Bedroom	W54	234°	0.6	Minimum
				W55	234°	2	
						2	
Tenth	R23	Residential	LKD	W56	234°	2.7	Minimum
				W57	234°	0.6	
				W58	234°	1.9	
						2.7	
Tenth	R24	Residential	Bedroom	W59	234°	0.6	Minimum
				W60	234°	1.9	
						1.9	
Tenth	R25	Residential	LKD	W61	234°	2.6	Minimum
				W62	234°	0.6	
				W63	234°	1.8	
						2.6	
Tenth	R26	Residential	Bedroom	W64	234°	0.6	Minimum
				W65	234°	1.8	
						1.8	
Tenth	R27	Residential	LKD	W66	234°	0.6	Minimum
				W67	234°	1.9	
						1.9	
Tenth	R28	Residential	Bedroom	W68	234°	0.6	Minimum
				W69	234°	1.8	
						1.8	
Tenth	R29	Residential	LKD	W70	234°	1.8	Minimum
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	
						1.8	
Tenth	R30	Residential	Bedroom	W75	324°N	0	Failed
				W76	324°N	0	
						0	
Tenth	R31	Residential	Bedroom	W77	324°N	0.5	Failed
						0.5	
Eleventh	R1	Residential	LKD	W1	324°N	0	
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
				W5	54°N	0	Failed
						0	
Eleventh	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
Eleventh	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	
Eleventh	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Eleventh	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
Eleventh	R6	Residential	Bedroom	W14	324°N	0	Failed
						0	
Eleventh	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	
Eleventh	R8	Residential	LKD	W16	324°N	0	Failed
				W17	324°N	0	
				W18	54°N	0.9	
						0.9	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Eleventh	R9	Residential	LKD	W19	54°N	0.8	
				W20	54°N	0	
				W21	54°N	1.9	
				W22	54°N	0	
				W23	54°N	0.8	
				W24	54°N	1.2	
						1.9	Minimum
Eleventh	R10	Residential	Bedroom	W25	144°	5.4	
						5.4	
Eleventh	R11	Residential	Bedroom	W26	144°	5	
				W27	144°	2.7	
						5	
Eleventh	R12	Residential	LKD	W28	144°	4.4	
				W29	144°	2.1	
				W30	144°	4	
						4.4	
Eleventh	R13	Residential	Bedroom	W31	144°	3.3	
						3.3	
Eleventh	R14	Residential	Bedroom	W32	54°N	0.6	
						0.6	
Eleventh	R15	Residential	LKD	W33	54°N	1.5	
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	
Eleventh	R16	Residential	Bedroom	W36	54°N	0.9	
						0.9	
Eleventh	R17	Residential	LKD	W37	144°	6.3	
				W38	144°	6.1	
				W39	144°	2.8	
				W40	144°	5.6	
				W41	144°	5	
				W42	144°	4.3	
				W43	144°	1.9	
						6.3	
Eleventh	R18	Residential	LKD	W44	144°	2	
				W45	144°	0.7	
				W46	144°	1.8	
				W47	144°	2	
				W48	144°	2.1	
						2.1	
Eleventh	R19	Residential	Bedroom	W49	234°	2.5	
						2.5	
Eleventh	R20	Residential	Bedroom	W50	234°	2.4	
						2.4	
Eleventh	R21	Residential	LKD	W51	234°	2.6	
				W52	234°	0.6	
				W53	234°	2.1	
						2.6	
Eleventh	R22	Residential	Bedroom	W54	234°	2.2	
				W55	234°	0.6	
						2.2	
Eleventh	R23	Residential	LKD	W56	234°	2.9	
				W57	234°	0.6	
				W58	234°	2.1	
						2.9	
Eleventh	R24	Residential	Bedroom	W59	234°	2	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Eleventh	R25	Residential	LKD	W60	234°	0.6	Minimum
						2	
				W61	234°	2.9	
				W62	234°	2.1	
Eleventh	R26	Residential	Bedroom	W63	234°	0.6	Minimum
						2.9	
				W64	234°	0.6	
				W65	234°	2.2	
Eleventh	R27	Residential	LKD			2.2	Minimum
				W66	234°	2.1	
				W67	234°	0.6	
						2.1	
Eleventh	R28	Residential	Bedroom	W68	234°	0.6	Minimum
				W69	234°	2	
						2	
						2	
Eleventh	R29	Residential	LKD	W70	234°	2	Minimum
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
Eleventh	R30	Residential	Bedroom	W74	324°N	0	Failed
						2	
				W75	324°N	0	
				W76	324°N	0	
Eleventh	R31	Residential	Bedroom			0	Failed
				W77	324°N	0.5	
						0.5	
						0.5	
Twelfth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
Twelfth	R2	Residential	LKD	W5	54°N	0	Failed
						0	
				W6	54°N	0	
				W7	54°N	0	
Twelfth	R3	Residential	Bedroom			0	Failed
				W8	54°N	0	
						0	
						0	
Twelfth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Twelfth	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
						0	
						0	
Twelfth	R6	Residential	Bedroom	W14	324°N	0	Failed
						0	
						0	
						0	
Twelfth	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	
						0	
						0	
Twelfth	R8	Residential	LKD	W16	324°N	0	Failed
				W17	324°N	0	
				W18	54°N	0.9	
						0.9	
Twelfth	R9	Residential	LKD	W19	54°N	0	
				W20	54°N	0.8	
				W21	54°N	1.9	
				W22	54°N	0.8	

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				W23	54°N	0	Minimum
				W24	54°N	1.2	
						1.9	
Twelfth	R10	Residential	Bedroom	W25	144°	5.2	High
						5.2	
Twelfth	R11	Residential	Bedroom	W26	144°	5	High
				W27	144°	2.7	
						5	
Twelfth	R12	Residential	LKD	W28	144°	2.3	High
				W29	144°	4.3	
				W30	144°	4	
						4.4	
Twelfth	R13	Residential	Bedroom	W31	144°	3.3	Medium
						3.3	
Twelfth	R14	Residential	Bedroom	W32	54°N	0.6	Failed
						0.6	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twelfth	R15	Residential	LKD	W33	54°N	1.5	
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	Minimum
Twelfth	R16	Residential	Bedroom	W36	54°N	0.9	
						0.9	Failed
Twelfth	R17	Residential	LKD	W37	144°	6.3	
				W38	144°	2.8	
				W39	144°	5.9	
				W40	144°	5.6	
				W41	144°	5	
				W42	144°	4.3	
				W43	144°	1.9	
						6.3	High
Twelfth	R18	Residential	LKD	W44	144°	2	
				W45	144°	0.7	
				W46	144°	1.8	
				W47	144°	2	
				W48	144°	2.1	
						2.1	Minimum
Twelfth	R19	Residential	Bedroom	W49	234°	2.7	
						2.7	Minimum
Twelfth	R20	Residential	Bedroom	W50	234°	2.6	
						2.6	Minimum
Twelfth	R21	Residential	LKD	W51	234°	2.8	
				W52	234°	2.5	
				W53	234°	0.6	
						2.8	Minimum
Twelfth	R22	Residential	Bedroom	W54	234°	2.5	
				W55	234°	0.6	
						2.5	Minimum
Twelfth	R23	Residential	LKD	W56	234°	3.2	
				W57	234°	2.5	
				W58	234°	0.6	
						3.2	Medium
Twelfth	R24	Residential	Bedroom	W59	234°	2.4	
				W60	234°	0.6	
						2.4	Minimum
Twelfth	R25	Residential	LKD	W61	234°	3.3	
				W62	234°	0.6	
				W63	234°	2.5	
						3.3	Medium
Twelfth	R26	Residential	Bedroom	W64	234°	2.4	
				W65	234°	0.6	
						2.4	Minimum
Twelfth	R27	Residential	LKD	W66	234°	0.6	
				W67	234°	2.2	
						2.2	Minimum
Twelfth	R28	Residential	Bedroom	W68	234°	2.1	
				W69	234°	0.6	
						2.1	Minimum
Twelfth	R29	Residential	LKD	W70	234°	2.1	
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
						2.1	Minimum
Twelfth	R30	Residential	Bedroom	W75 W76	324°N 324°N	0	Failed
						0	
						0	
Twelfth	R31	Residential	Bedroom	W77	324°N	0.5	Failed
						0.5	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Thirteenth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
				W5	54°N	0	
						0	
Thirteenth	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
Thirteenth	R3	Residential	Bedroom	W8	54°N	0	Failed
Thirteenth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Thirteenth	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
						0	
Thirteenth	R6	Residential	Bedroom	W14	324°N	0	Failed
						0	
Thirteenth	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	
Thirteenth	R8	Residential	LKD	W16	324°N	0	Failed
				W17	324°N	0	
				W18	54°N	0.9	
						0.9	
Thirteenth	R9	Residential	LKD	W19	54°N	0.8	Minimum
				W20	54°N	0	
				W21	54°N	1.9	
				W22	54°N	0.8	
				W23	54°N	0	
				W24	54°N	1.2	
						1.9	
Thirteenth	R10	Residential	Bedroom	W25	144°	5.2	High
						5.2	
Thirteenth	R11	Residential	Bedroom	W26	144°	5	High
				W27	144°	2.7	
						5	
Thirteenth	R12	Residential	LKD	W28	144°	2.3	High
				W29	144°	4.3	
				W30	144°	4	
						4.4	
Thirteenth	R13	Residential	Bedroom	W31	144°	3.3	Medium
						3.3	
Thirteenth	R14	Residential	Bedroom	W32	54°N	0.6	Failed
						0.6	
Thirteenth	R15	Residential	LKD	W33	54°N	1.5	Minimum
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	
Thirteenth	R16	Residential	Bedroom	W36	54°N	0.9	Failed
						0.9	
Thirteenth	R17	Residential	LKD	W37	144°	6.3	
				W38	144°	2.8	
				W39	144°	5.9	
				W40	144°	5.6	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
				W41	144°	5	High
				W42	144°	2.1	
				W43	144°	3.7	
						6.3	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Thirteenth	R18	Residential	LKD	W44	144°	2	
				W45	144°	0.7	
				W46	144°	1.8	
				W47	144°	2	
				W48	144°	2.1	
						2.1	Minimum
Thirteenth	R19	Residential	Bedroom	W49	234°	3	
						3	
Thirteenth	R20	Residential	Bedroom	W50	234°	2.9	
						2.9	
Thirteenth	R21	Residential	LKD	W51	234°	3.1	
				W52	234°	0.6	
				W53	234°	2.7	
				3.1		Medium	
Thirteenth	R22	Residential	Bedroom	W54	234°	0.6	
				W55	234°	2.9	
				2.9		Minimum	
Thirteenth	R23	Residential	LKD	W56	234°	3.7	
				W57	234°	0.6	
				W58	234°	2.9	
				3.7		Medium	
Thirteenth	R24	Residential	Bedroom	W59	234°	0.6	
				W60	234°	2.9	
				2.9		Minimum	
Thirteenth	R25	Residential	LKD	W61	234°	3.5	
				W62	234°	2.7	
				W63	234°	0.6	
				3.5		Medium	
Thirteenth	R26	Residential	Bedroom	W64	234°	2.6	
				W65	234°	0.6	
				2.6		Minimum	
Thirteenth	R27	Residential	LKD	W66	234°	2.5	
				W67	234°	0.6	
				2.5		Minimum	
Thirteenth	R28	Residential	Bedroom	W68	234°	2.3	
				W69	234°	0.6	
				2.3		Minimum	
Thirteenth	R29	Residential	LKD	W70	234°	2.6	
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	
				2.6		Minimum	
Thirteenth	R30	Residential	Bedroom	W75	324°N	0	
				W76	324°N	0	
				0		Failed	
Thirteenth	R31	Residential	Bedroom	W77	324°N	0.5	
						0.5	
Fourteenth	R1	Residential	LKD	W1	324°N	0	
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
				W5	54°N	0	
				0		Failed	
Fourteenth	R2	Residential	LKD	W6	54°N	0	
				W7	54°N	0	

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						0	Failed
Fourteenth	R3	Residential	Bedroom	W8	54°N	0	
						0	Failed
Fourteenth	R4	Residential	LKD	W9	324°N	0	
				W10	324°N	0	
				W11	324°N	0	
						0	Failed

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fourteenth	R5	Residential	Bedroom	W12 W13	324°N 324°N	0	
						0	
						0	Failed
Fourteenth	R6	Residential	Bedroom	W14	324°N	0	
						0	Failed
Fourteenth	R7	Residential	Bedroom	W15	324°N	0	
						0	Failed
Fourteenth	R8	Residential	LKD	W16	324°N	0	
				W17	324°N	0	
				W18	54°N	0.9	
						0.9	Failed
Fourteenth	R9	Residential	LKD	W19	54°N	0	
				W20	54°N	0.8	
				W21	54°N	1.9	
				W22	54°N	0	
				W23	54°N	0.8	
				W24	54°N	1.2	
						1.9	Minimum
Fourteenth	R10	Residential	Bedroom	W25	144°	5.4	
						5.4	High
Fourteenth	R11	Residential	Bedroom	W26	144°	2.8	
				W27	144°	4.8	
						4.9	High
Fourteenth	R12	Residential	LKD	W28	144°	4.4	
				W29	144°	2.1	
				W30	144°	4	
						4.4	High
Fourteenth	R13	Residential	Bedroom	W31	144°	3.3	
						3.3	Medium
Fourteenth	R14	Residential	Bedroom	W32	54°N	0.6	
						0.6	Failed
Fourteenth	R15	Residential	LKD	W33	54°N	1.5	
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	Minimum
Fourteenth	R16	Residential	Bedroom	W36	54°N	0.9	
						0.9	Failed
Fourteenth	R17	Residential	LKD	W37	144°	6.3	
				W38	144°	6.1	
				W39	144°	2.8	
				W40	144°	5.6	
				W41	144°	5	
				W42	144°	2.1	
				W43	144°	3.7	
						6.3	High
Fourteenth	R18	Residential	LKD	W44	144°	2	
				W45	144°	0.7	
				W46	144°	1.8	
				W47	144°	2	
				W48	144°	2.1	
						2.1	Minimum
Fourteenth	R19	Residential	Bedroom	W49	234°	3.3	
						3.3	Medium
Fourteenth	R20	Residential	Bedroom	W50	234°	3.3	
						3.3	Medium
Fourteenth	R21	Residential	LKD	W51	234°	3.6	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fourteenth	R22	Residential	Bedroom	W52	234°	0.8	Medium
				W53	234°	3.2	
						3.6	
				W54	234°	3.4	
				W55	234°	0.8	
						3.4	Medium

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fourteenth	R23	Residential	LKD	W56	234°	4	Medium
				W57	234°	0.6	
				W58	234°	3.1	
						4	
Fourteenth	R24	Residential	Bedroom	W59	234°	2.9	Minimum
				W60	234°	0.6	
						2.9	
Fourteenth	R25	Residential	LKD	W61	234°	3.7	Medium
				W62	234°	0.6	
				W63	234°	2.9	
						3.7	
Fourteenth	R26	Residential	Bedroom	W64	234°	0.7	Medium
				W65	234°	2.9	
						3	
Fourteenth	R27	Residential	LKD	W66	234°	0.9	Medium
				W67	234°	3.3	
						3.4	
Fourteenth	R28	Residential	Bedroom	W68	234°	1.2	Medium
				W69	234°	3.5	
						3.6	
Fourteenth	R29	Residential	LKD	W70	234°	3.7	Medium
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	
						3.7	
Fourteenth	R30	Residential	Bedroom	W75	324°N	0	Failed
				W76	324°N	0	
						0	
Fourteenth	R31	Residential	Bedroom	W77	324°N	0.5	Failed
						0.5	
Fifteenth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
				W5	54°N	0	
						0	
Fifteenth	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
Fifteenth	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	
Fifteenth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Fifteenth	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
						0	
Fifteenth	R6	Residential	Bedroom	W14	324°N	0	Failed
						0	
Fifteenth	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	
Fifteenth	R8	Residential	LKD	W16	324°N	0	
				W17	324°N	0	
				W18	54°N	0.9	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
						0.9	Failed
Fifteenth	R9	Residential	LKD	W19	54°N	0.8	
				W20	54°N	0	
				W21	54°N	1.9	
				W22	54°N	0	
				W23	54°N	0.8	
				W24	54°N	1.2	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fifteenth	R10	Residential	Bedroom	W25	144°	5.2	
						5.2	High
Fifteenth	R11	Residential	Bedroom	W26	144°	5	
				W27	144°	2.7	
						5	High
Fifteenth	R12	Residential	LKD	W28	144°	4.4	
				W29	144°	2.1	
				W30	144°	4	
						4.4	High
Fifteenth	R13	Residential	Bedroom	W31	144°	3.3	
						3.3	Medium
Fifteenth	R14	Residential	Bedroom	W32	54°N	0.6	
						0.6	Failed
Fifteenth	R15	Residential	LKD	W33	54°N	1.5	
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	Minimum
Fifteenth	R16	Residential	Bedroom	W36	54°N	0.9	
						0.9	Failed
Fifteenth	R17	Residential	LKD	W37	144°	6.3	
				W38	144°	6.1	
				W39	144°	2.8	
				W40	144°	5.6	
				W41	144°	5	
				W42	144°	4.3	
				W43	144°	1.9	
						6.3	High
Fifteenth	R18	Residential	LKD	W44	144°	2	
				W45	144°	0.7	
				W46	144°	1.8	
				W47	144°	2	
				W48	144°	2.1	
						2.1	Minimum
Fifteenth	R19	Residential	Bedroom	W49	234°	3.8	
						3.8	Medium
Fifteenth	R20	Residential	Bedroom	W50	234°	3.9	
						3.9	Medium
Fifteenth	R21	Residential	LKD	W51	234°	4.1	
				W52	234°	3.7	
				W53	234°	1.1	
						4.1	High
Fifteenth	R22	Residential	Bedroom	W54	234°	3.6	
				W55	234°	1	
						3.6	Medium
Fifteenth	R23	Residential	LKD	W56	234°	4.1	
				W57	234°	3.4	
				W58	234°	0.9	
						4.2	High
Fifteenth	R24	Residential	Bedroom	W59	234°	3.4	
				W60	234°	1	
						3.4	Medium
Fifteenth	R25	Residential	LKD	W61	234°	4.4	
				W62	234°	3.8	
				W63	234°	1.4	
						4.7	High
Fifteenth	R26	Residential	Bedroom	W64	234°	1.8	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fifteenth	R27	Residential	LKD	W65	234°	4.5	High
						4.5	
				W66	234°	4.7	
				W67	234°	2.2	
Fifteenth	R28	Residential	Bedroom			4.8	High
				W68	234°	2.2	
				W69	234°	4.8	
						4.8	High

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Fifteenth	R29	Residential	LKD	W70	234°	4.9	High
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	
						4.9	
Fifteenth	R30	Residential	Bedroom	W75	324°N	0	Failed
				W76	324°N	0	
						0	
Fifteenth	R31	Residential	Bedroom	W77	324°N	0.5	Failed
						0.5	
Sixteenth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
				W5	54°N	0	
						0	
Sixteenth	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
Sixteenth	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	
Sixteenth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Sixteenth	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
						0	
Sixteenth	R6	Residential	Bedroom	W14	324°N	0	Failed
						0	
Sixteenth	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	
Sixteenth	R8	Residential	LKD	W16	324°N	0	Failed
				W17	324°N	0	
				W18	54°N	0.9	
						0.9	
Sixteenth	R9	Residential	LKD	W19	54°N	0	Minimum
				W20	54°N	0.8	
				W21	54°N	1.9	
				W22	54°N	0.8	
				W23	54°N	0	
				W24	54°N	1.2	
						1.9	
Sixteenth	R10	Residential	Bedroom	W25	144°	5.8	High
						5.8	
Sixteenth	R11	Residential	Bedroom	W26	144°	5	High
				W27	144°	2.1	
						5	
Sixteenth	R12	Residential	LKD	W28	144°	2.3	High
				W29	144°	4.3	
				W30	144°	4	
						4.4	
Sixteenth	R13	Residential	Bedroom	W31	144°	3.3	Medium
						3.3	
Sixteenth	R14	Residential	Bedroom	W32	54°N	0.6	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
						0.6	Failed
Sixteenth	R15	Residential	LKD	W33	54°N	1.5	
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	
Sixteenth	R16	Residential	Bedroom	W36	54°N	0.9	
						0.9	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Sixteenth	R17	Residential	LKD	W37	144°	6.3	High
				W38	144°	2.8	
				W39	144°	5.9	
				W40	144°	5.6	
				W41	144°	5	
				W42	144°	4.3	
				W43	144°	1.9	
Sixteenth	R18	Residential	LKD	W44	144°	2	Minimum
				W45	144°	0.7	
				W46	144°	1.8	
				W47	144°	2	
				W48	144°	2.1	
						2.1	
Sixteenth	R19	Residential	Bedroom	W49	234°	4.3	High
						4.3	
Sixteenth	R20	Residential	Bedroom	W50	234°	4.1	High
						4.1	
Sixteenth	R21	Residential	LKD	W51	234°	4.2	High
				W52	234°	1.3	
				W53	234°	3.7	
						4.2	
Sixteenth	R22	Residential	Bedroom	W54	234°	1.3	Medium
				W55	234°	3.8	
						3.8	
Sixteenth	R23	Residential	LKD	W56	234°	4.5	High
				W57	234°	1.2	
				W58	234°	3.7	
						4.5	
Sixteenth	R24	Residential	Bedroom	W59	234°	1.3	Medium
				W60	234°	4	
						4	
Sixteenth	R25	Residential	LKD	W61	234°	5.2	High
				W62	234°	2	
				W63	234°	4.6	
						5.5	
Sixteenth	R26	Residential	Bedroom	W64	234°	4.7	High
				W65	234°	2.2	
						4.8	
Sixteenth	R27	Residential	LKD	W66	234°	2.2	High
				W67	234°	4.8	
						4.8	
Sixteenth	R28	Residential	Bedroom	W68	234°	4.9	High
				W69	234°	2.5	
						5	
Sixteenth	R29	Residential	LKD	W70	234°	5.2	High
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	
						5.2	
Sixteenth	R30	Residential	Bedroom	W75	324°N	0	Failed
				W76	324°N	0	
						0	
Sixteenth	R31	Residential	Bedroom	W77	324°N	0.5	Failed
						0.5	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Seventeenth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
				W5	54°N	0	
						0	
Seventeenth	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
Seventeenth	R3	Residential	Bedroom	W8	54°N	0	Failed
Seventeenth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Seventeenth	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
						0	
Seventeenth	R6	Residential	Bedroom	W14	324°N	0	Failed
Seventeenth	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	
Seventeenth	R8	Residential	LKD	W16	324°N	0	Failed
				W17	324°N	0	
				W18	54°N	0.9	
						0.9	
Seventeenth	R9	Residential	LKD	W19	54°N	0.8	Minimum
				W20	54°N	0	
				W21	54°N	1.9	
				W22	54°N	0.8	
				W23	54°N	0	
				W24	54°N	1.2	
						1.9	
Seventeenth	R10	Residential	Bedroom	W25	144°	6.1	High
Seventeenth	R11	Residential	Bedroom	W26	144°	2.8	High
				W27	144°	5.4	
						5.4	
Seventeenth	R12	Residential	LKD	W28	144°	2.6	High
				W29	144°	4.5	
				W30	144°	4.1	
						4.8	
Seventeenth	R13	Residential	Bedroom	W31	144°	3.3	Medium
Seventeenth	R14	Residential	Bedroom	W32	54°N	0.6	Failed
						0.6	
Seventeenth	R15	Residential	LKD	W33	54°N	1.5	Minimum
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	
Seventeenth	R16	Residential	Bedroom	W36	54°N	0.9	Failed
Seventeenth	R17	Residential	LKD	W37	144°	6.3	
				W38	144°	2.8	
				W39	144°	5.9	
				W40	144°	5.6	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
				W41	144°	5	
				W42	144°	2.1	
				W43	144°	3.7	
Seventeenth	R18	Residential	LKD			6.3	High
						2	
						0.7	
						1.8	
						2	
						2.1	
						2.1	Minimum
Seventeenth	R19	Residential	Bedroom	W49	234°	4.4	High
						4.4	
Seventeenth	R20	Residential	Bedroom	W50	234°	4.3	High
						4.3	
Seventeenth	R21	Residential	LKD	W51	234°	4.5	
				W52	234°	1.7	
				W53	234°	4	
Seventeenth	R22	Residential	Bedroom			4.5	High
						4.2	
						1.6	
Seventeenth	R23	Residential	LKD	W54	234°	4.2	High
				W55	234°	1.6	
						4.2	
Seventeenth	R24	Residential	Bedroom	W56	234°	5	
				W57	234°	1.8	
				W58	234°	4.5	
Seventeenth	R25	Residential	LKD			5.3	High
						4.5	
						2.1	
Seventeenth	R26	Residential	Bedroom	W59	234°	4.6	High
				W60	234°	2.1	
						4.6	
Seventeenth	R27	Residential	LKD	W61	234°	5.5	
				W62	234°	4.8	
				W63	234°	2.2	
Seventeenth	R28	Residential	Bedroom			5.7	High
						4.8	
						2.4	
Seventeenth	R29	Residential	LKD	W64	234°	4.9	High
				W65	234°	2.4	
						4.9	
Seventeenth	R30	Residential	Bedroom	W66	234°	5.1	
				W67	234°	2.6	
						5.1	High
Seventeenth	R31	Residential	Bedroom	W68	234°	5	
				W69	234°	2.6	
						5	High
Seventeenth	R32	Residential	LKD	W70	234°	5.2	
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	
Seventeenth	R33	Residential	Bedroom			5.2	High
						0	
						0	
Seventeenth	R34	Residential	Bedroom			0	Failed
						0.5	Failed
						0.5	
Eighteenth	R1	Residential	LKD	W75	324°N	0	
				W76	324°N	0	
				W77	324°N	0	
				W78	324°N	0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
				W5	54°N	0	Failed
						0	
Eighteenth	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
Eighteenth	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	
Eighteenth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	Failed
				0			
Eighteenth	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
Eighteenth	R6	Residential	Bedroom	W14	324°N	0	Failed
						0	
Eighteenth	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	
Eighteenth	R8	Residential	LKD	W16	324°N	0	Failed
				W17	324°N	0	
				W18	54°N	0.9	Failed
				0.9			

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Eighteenth	R9	Residential	LKD	W19	54°N	0.8	
				W20	54°N	0	
				W21	54°N	1.9	
				W22	54°N	0.8	
				W23	54°N	0	
				W24	54°N	1.2	
						1.9	Minimum
Eighteenth	R10	Residential	Bedroom	W25	144°	6.1	
						6.1	High
Eighteenth	R11	Residential	Bedroom	W26	144°	6.1	
				W27	144°	2.8	
						6.1	High
Eighteenth	R12	Residential	LKD	W28	144°	5.5	
				W29	144°	2.8	
				W30	144°	4.8	
						5.5	High
Eighteenth	R13	Residential	Bedroom	W31	144°	3.5	
						3.5	Medium
Eighteenth	R14	Residential	Bedroom	W32	54°N	0.6	
						0.6	Failed
Eighteenth	R15	Residential	LKD	W33	54°N	1.5	
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	Minimum
Eighteenth	R16	Residential	Bedroom	W36	54°N	0.9	
						0.9	Failed
Eighteenth	R17	Residential	LKD	W37	144°	6.6	
				W38	144°	6.1	
				W39	144°	2.8	
				W40	144°	5.6	
				W41	144°	5	
				W42	144°	2.1	
				W43	144°	3.7	
						6.6	High
Eighteenth	R18	Residential	LKD	W44	144°	2	
				W45	144°	0.7	
				W46	144°	1.8	
				W47	144°	2	
				W48	144°	2.1	
						2.1	Minimum
Eighteenth	R19	Residential	Bedroom	W49	234°	4.8	
						4.8	High
Eighteenth	R20	Residential	Bedroom	W50	234°	4.7	
						4.7	High
Eighteenth	R21	Residential	LKD	W51	234°	4.9	
				W52	234°	4.6	
				W53	234°	2	
						4.9	High
Eighteenth	R22	Residential	Bedroom	W54	234°	4.6	
				W55	234°	2.1	
						4.6	High
Eighteenth	R23	Residential	LKD	W56	234°	5.5	
				W57	234°	4.8	
				W58	234°	2.3	
						5.7	High
Eighteenth	R24	Residential	Bedroom	W59	234°	4.7	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Eighteenth	R25	Residential	LKD	W60	234°	2.3	High
						4.8	
				W61	234°	5.6	
				W62	234°	2.4	
Eighteenth	R26	Residential	Bedroom	W63	234°	5	High
						5.8	
				W64	234°	2.6	
				W65	234°	5.1	
Eighteenth	R27	Residential	LKD			5.1	High
				W66	234°	2.6	
				W67	234°	5.1	
						5.1	
Eighteenth	R28	Residential	Bedroom	W68	234°	2.6	High
				W69	234°	5.1	
						5.1	
						5.1	
Eighteenth	R29	Residential	LKD	W70	234°	5.2	High
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	
						5.2	
Eighteenth	R30	Residential	Bedroom	W75	324°N	0	Failed
				W76	324°N	0	
						0	
Eighteenth	R31	Residential	Bedroom	W77	324°N	0.5	Failed
						0.5	
Nineteenth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0	
				W3	54°N	0	
				W4	54°N	0	
				W5	54°N	0	
						0	
Nineteenth	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
Nineteenth	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	
Nineteenth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Nineteenth	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
						0	
Nineteenth	R6	Residential	Bedroom	W14	324°N	0	Failed
						0	
Nineteenth	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	
Nineteenth	R8	Residential	LKD	W16	324°N	0	Failed
				W17	324°N	0	
				W18	54°N	0.9	
						0.9	
Nineteenth	R9	Residential	LKD	W19	54°N	0.8	Failed
				W20	54°N	0	
				W21	54°N	1.9	
				W22	54°N	0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
				W23	54°N	0.8	Minimum
				W24	54°N	1.2	
						1.9	
Nineteenth	R10	Residential	Bedroom	W25	144°	6.1	High
						6.1	
Nineteenth	R11	Residential	Bedroom	W26	144°	6.1	High
				W27	144°	2.8	
						6.1	
Nineteenth	R12	Residential	LKD	W28	144°	2.1	High
				W29	144°	5.5	
				W30	144°	5.1	
						5.5	
Nineteenth	R13	Residential	Bedroom	W31	144°	4	Medium
						4	
Nineteenth	R14	Residential	Bedroom	W32	54°N	0.6	Failed
						0.6	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Nineteenth	R15	Residential	LKD	W33	54°N	1.5	
				W34	54°N	0.6	
				W35	54°N	0	
						1.5	Minimum
Nineteenth	R16	Residential	Bedroom	W36	54°N	0.9	
						0.9	Failed
Nineteenth	R17	Residential	LKD	W37	144°	6.9	
				W38	144°	6.1	
				W39	144°	2.8	
				W40	144°	6.9	
				W41	144°	6.1	
				W42	144°	4.8	
				W43	144°	1.9	
						6.9	High
Nineteenth	R18	Residential	LKD	W44	144°	2	
				W45	144°	0.7	
				W46	144°	1.8	
				W47	144°	2	
				W48	144°	2.1	
						2.1	Minimum
Nineteenth	R19	Residential	Bedroom	W49	234°	5.1	
						5.1	High
Nineteenth	R20	Residential	Bedroom	W50	234°	5.1	
						5.1	High
Nineteenth	R21	Residential	LKD	W51	234°	5.2	
				W52	234°	2.4	
				W53	234°	4.7	
						5.2	High
Nineteenth	R22	Residential	Bedroom	W54	234°	2.4	
				W55	234°	5	
						5	High
Nineteenth	R23	Residential	LKD	W56	234°	5.7	
				W57	234°	2.3	
				W58	234°	4.9	
						5.7	High
Nineteenth	R24	Residential	Bedroom	W59	234°	2.4	
				W60	234°	5	
						5	High
Nineteenth	R25	Residential	LKD	W61	234°	5.8	
				W62	234°	5.1	
				W63	234°	2.6	
						5.8	High
Nineteenth	R26	Residential	Bedroom	W64	234°	2.6	
				W65	234°	5.1	
						5.1	High
Nineteenth	R27	Residential	LKD	W66	234°	5.1	
				W67	234°	2.6	
						5.1	High
Nineteenth	R28	Residential	Bedroom	W68	234°	2.6	
				W69	234°	5.1	
						5.1	High
Nineteenth	R29	Residential	LKD	W70	234°	5.2	
				W71	324°N	0	
				W72	324°N	0	
				W73	324°N	0	
				W74	324°N	0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
						5.2	High
Nineteenth	R30	Residential	Bedroom	W75	324°N	0	
				W76	324°N	0	
						0	Failed
Nineteenth	R31	Residential	Bedroom	W77	324°N	0.5	
						0.5	Failed

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twentieth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0.5	
				W3	54°N	0.2	
				W4	54°N	0	
				W5	54°N	0	
						0.5	
Twentieth	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
Twentieth	R3	Residential	Bedroom	W8	54°N	0	Failed
Twentieth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
						0	
Twentieth	R5	Residential	Bedroom	W12	324°N	0	Failed
				W13	324°N	0	
						0	
Twentieth	R6	Residential	Bedroom	W14	324°N	0	Failed
Twentieth	R7	Residential	Bedroom	W15	324°N	0	Failed
						0	
Twentieth	R8	Residential	LKD	W16	324°N	0	Failed
				W17	324°N	0	
				W18	54°N	0.9	
						0.9	
Twentieth	R9	Residential	LKD	W19	54°N	0	Minimum
				W20	54°N	0.8	
				W21	54°N	1.9	
				W22	54°N	0	
				W23	54°N	0.8	
				W24	54°N	1.2	
						1.9	
Twentieth	R10	Residential	Bedroom	W25	144°	6.1	High
Twentieth	R11	Residential	Bedroom	W26	144°	2.8	High
				W27	144°	6	
						6	
Twentieth	R12	Residential	LKD	W28	144°	5.7	High
				W29	144°	2.8	
				W30	144°	5.1	
						5.7	
Twentieth	R13	Residential	Bedroom	W31	144°	4	Medium
						4	
Twentieth	R14	Residential	LKD	W32	54°N	0.6	High
				W33	54°N	1.5	
				W34	54°N	0.8	
				W35	54°N	0.5	
				W36	144°	2.1	
				W37	144°	3.3	
				W38	144°	2.2	
						5.2	
Twentieth	R15	Residential	LKD	W39	144°	5.7	
				W40	144°	6.7	
				W41	144°	6.2	
				W42	234°	5.8	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twentieth	R16	Residential	Bedroom	W43	144°	5.8	High
				W44	234°	2.6	
				W45	234°	4.9	
						9.5	
Twentieth	R16	Residential	Bedroom	W46	234°	5.1	High
				W47	234°	2.6	
						5.1	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twentieth	R17	Residential	LKD	W48	234°	5.8	High
				W49	234°	2.6	
				W50	234°	5.1	
						5.8	
Twentieth	R18	Residential	Bedroom	W51	234°	5	High
				W52	234°	2.6	
						5	
Twentieth	R19	Residential	LKD	W53	234°	5.8	High
				W54	234°	2.6	
				W55	234°	5.1	
						5.8	
Twentieth	R20	Residential	Bedroom	W56	234°	5.1	High
				W57	234°	2.6	
						5.1	
Twentieth	R21	Residential	LKD	W58	234°	2.6	High
				W59	234°	5.1	
						5.1	
Twentieth	R22	Residential	Bedroom	W60	234°	5	High
				W61	234°	2.6	
						5	
Twentieth	R23	Residential	LKD	W62	234°	5.2	High
				W63	324°N	0	
				W64	324°N	0	
				W65	324°N	0	
				W66	324°N	0	
Twentieth	R24	Residential	Bedroom	W67	324°N	0	Failed
				W68	324°N	0	
						0	
Twentieth	R25	Residential	Bedroom	W69	324°N	0.5	Failed
						0.5	
Twenty First	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0.6	
				W3	54°N	0.4	
				W4	54°N	0.1	
				W5	54°N	0	
Twenty First	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
Twenty First	R3	Residential	Bedroom	W8	54°N	0	Failed
Twenty First	R4	Residential	Bedroom	W9	54°N	0.6	Failed
Twenty First	R5	Residential	LKD	W10	54°N	1.5	High
				W11	54°N	0.6	
				W12	54°N	0.8	
				W13	144°	6.8	
				W14	144°	6.5	
				W15	144°	3.2	
				W16	144°	5.5	
Twenty First	R6	Residential	LKD	W17	144°	6.5	High
				W18	144°	6.8	
				W19	144°	3.6	
				W20	234°	5.8	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)		Rating
Twenty First	R7	Residential	Bedroom	W21	144°	6.1		
				W22	144°	6.8		
				W23	234°	5.1		
				W24	234°	2.6		
						9.5	High	
				W25	234°	5.1		
				W26	234°	2.6		
						5.1	High	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twenty First	R8	Residential	LKD	W27	234°	5.8	High
				W28	234°	5.1	
				W29	234°	2.6	
						5.8	
Twenty First	R9	Residential	Bedroom	W30	234°	5	High
				W31	234°	2.6	
						5	
Twenty First	R10	Residential	LKD	W32	234°	5.8	High
				W33	234°	5.1	
				W34	234°	2.6	
						5.8	
Twenty First	R11	Residential	Bedroom	W35	234°	5.1	High
				W36	234°	2.6	
						5.1	
Twenty First	R12	Residential	LKD	W37	234°	5.1	High
				W38	234°	2.6	
						5.1	
Twenty First	R13	Residential	Bedroom	W39	234°	5	High
				W40	234°	2.6	
						5	
Twenty First	R14	Residential	LKD	W41	234°	5.2	High
				W42	324°N	0	
				W43	324°N	0	
				W44	324°N	0	
				W45	324°N	0	
						5.2	
Twenty First	R15	Residential	Bedroom	W46	324°N	0	Failed
				W47	324°N	0	
						0	
Twenty First	R16	Residential	Bedroom	W48	324°N	0.5	Failed
						0.5	
Twenty Second	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0.6	
				W3	54°N	0.4	
				W4	54°N	0.1	
				W5	54°N	0	
						0.6	
Twenty Second	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
Twenty Second	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	
Twenty Second	R4	Residential	Bedroom	W9	54°N	0.6	Failed
						0.6	
Twenty Second	R5	Residential	LKD	W10	54°N	1.5	High
				W11	54°N	0.8	
				W12	54°N	0.6	
				W13	144°	6.8	
				W14	144°	6.8	
				W15	144°	6.1	
				W16	144°	2.8	
						6.8	
Twenty Second	R6	Residential	LKD	W17	144°	6.5	
				W18	144°	6.8	
				W19	144°	6.4	
				W20	234°	5.8	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)		Rating
Twenty Second	R7	Residential	Bedroom	W21	144°	3.4		High
				W22	144°	6.5		
				W23	234°	2.6		
				W24	234°	4.9		
						9.5		
				W25	234°	2.6		
				W26	234°	5.1		
						5.1		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twenty Second	R8	Residential	LKD	W27	234°	5.8	
				W28	234°	2.6	
				W29	234°	5.1	
						5.8	High
Twenty Second	R9	Residential	Bedroom	W30	234°	2.6	
				W31	234°	5.1	
						5.1	High
Twenty Second	R10	Residential	LKD	W32	234°	5.8	
				W33	234°	2.6	
				W34	234°	5.1	
						5.8	High
Twenty Second	R11	Residential	Bedroom	W35	234°	2.6	
				W36	234°	5.1	
						5.1	High
Twenty Second	R12	Residential	LKD	W37	234°	2.6	
				W38	234°	5.1	
						5.1	High
Twenty Second	R13	Residential	Bedroom	W39	234°	2.6	
				W40	234°	5.1	
						5.1	High
Twenty Second	R14	Residential	LKD	W41	234°	5.2	
				W42	324°N	0	
				W43	324°N	0	
				W44	324°N	0	
				W45	324°N	0	
						5.2	High
Twenty Second	R15	Residential	Bedroom	W46	324°N	0	
				W47	324°N	0	
						0	Failed
Twenty Second	R16	Residential	Bedroom	W48	324°N	0.5	
						0.5	Failed
Twenty Third	R1	Residential	LKD	W1	324°N	0	
				W2	54°N	0.6	
				W3	54°N	0.4	
				W4	54°N	0.1	
				W5	54°N	0	
						0.6	Failed
Twenty Third	R2	Residential	LKD	W6	54°N	0	
				W7	54°N	0	
						0	Failed
Twenty Third	R3	Residential	Bedroom	W8	54°N	0	
						0	Failed
Twenty Third	R4	Residential	LKD	W9	324°N	0	
				W10	324°N	0	
				W11	324°N	0	
				W12	324°N	0	
				W13	324°N	0	
				W14	324°N	0	
				W15	324°N	0	
				W16	324°N	0	
						0	Failed
Twenty Third	R5	Residential	Bedroom	W17	144°	5	
				W18	144°	5	
				W19	144°	4.9	
				W20	144°	4.7	
						5	High

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)		Rating
Twenty Third	R6	Residential	Bedroom	W20	144°	4.7		
				W21	144°	4.4		
				W22	144°	4.1		
				W23	144°	3.7		
				W24	144°	3.4		
						4.7	High	
Twenty Third	R8	Residential	Bedroom	W25	54°N	0.6		
						0.6		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twenty Third	R9	Residential	LKD	W26	54°N	1.5	
				W27	54°N	0.6	
				W28	54°N	0.8	
				W29	144°	6.8	
				W30	144°	6.5	
				W31	144°	3.2	
				W32	144°	5.5	
						7.2	High
Twenty Third	R10	Residential	LKD	W33	144°	6.5	
				W34	144°	6.8	
				W35	144°	6.4	
				W36	234°	5.8	
				W37	144°	3.4	
				W38	144°	6.5	
				W39	234°	2.6	
				W40	234°	4.9	
Twenty Third	R11	Residential	Bedroom	W41	234°	5.1	
				W42	234°	2.6	
Twenty Third	R12	Residential	LKD			5.1	High
				W43	234°	5.8	
Twenty Third	R12	Residential	LKD	W44	234°	2.6	
				W45	234°	5.1	
Twenty Third	R13	Residential	Bedroom			5.8	High
				W46	234°	5	
Twenty Third	R13	Residential	Bedroom	W47	234°	2.6	
						5	
Twenty Third	R14	Residential	LKD			5	High
				W48	234°	5.8	
Twenty Third	R14	Residential	LKD	W49	234°	5.1	
				W50	234°	2.6	
Twenty Third	R15	Residential	Bedroom			5.8	High
				W51	234°	2.6	
Twenty Third	R15	Residential	Bedroom	W52	234°	5.1	
						5.1	
Twenty Third	R16	Residential	LKD	W53	234°	5.1	
				W54	234°	2.6	
Twenty Third	R16	Residential	LKD			5.1	High
				W55	234°	2.6	
Twenty Third	R17	Residential	Bedroom	W56	234°	5.1	
						5.1	
Twenty Third	R17	Residential	Bedroom			5.1	High
				W57	234°	5.2	
Twenty Third	R18	Residential	LKD	W58	324°N	0	
				W59	324°N	0	
				W60	324°N	0	
				W61	324°N	0	
Twenty Third	R18	Residential	LKD			5.2	High
				W62	324°N	0	
Twenty Third	R19	Residential	Bedroom	W63	324°N	0	
						0	
Twenty Third	R19	Residential	Bedroom			0	Failed
				W64	324°N	0.5	
Twenty Third	R20	Residential	Bedroom			0.5	Failed
				W1	324°N	0	
Twenty Fourth	R1	Residential	LKD	W2	54°N	0.6	
				W3	54°N	0.4	
				W4	54°N	0.1	
				W5	54°N	0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
						0.6	Failed
Twenty Fourth	R2	Residential	LKD	W6 W7	54°N 54°N	0	Failed
						0	
						0	
Twenty Fourth	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twenty Fourth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
				W12	324°N	0	
				W13	324°N	0	
				W14	324°N	0	
				W15	324°N	0	
				W16	324°N	0	
				0			
Twenty Fourth	R5	Residential	Bedroom	W17	144°	5	High
				W18	144°	5	
				W19	144°	4.9	
				W20	144°	4.7	
				5			
Twenty Fourth	R6	Residential	Bedroom	W20	144°	4.7	High
				W21	144°	4.4	
				W22	144°	4.1	
				W23	144°	3.7	
				W24	144°	3.4	
				4.7			
Twenty Fourth	R8	Residential	Bedroom	W25	54°N	0.6	Failed
						0.6	
Twenty Fourth	R9	Residential	LKD	W26	54°N	1.5	High
				W27	54°N	0.6	
				W28	54°N	0.8	
				W29	144°	6.8	
				W30	144°	6.5	
				W31	144°	3.2	
				W32	144°	5.5	
				7.2			
Twenty Fourth	R10	Residential	LKD	W33	144°	6.5	High
				W34	144°	6.8	
				W35	144°	3.6	
				W36	234°	5.8	
				W37	144°	6.1	
				W38	144°	6.8	
				W39	234°	5.1	
				W40	234°	2.6	
				9.5			
Twenty Fourth	R11	Residential	Bedroom	W41	234°	5.1	High
				W42	234°	2.6	
				5.1			
Twenty Fourth	R12	Residential	LKD	W43	234°	5.8	High
				W44	234°	5.1	
				W45	234°	2.6	
				5.8			
Twenty Fourth	R13	Residential	Bedroom	W46	234°	5	High
				W47	234°	2.6	
				5			
Twenty Fourth	R14	Residential	LKD	W48	234°	5.8	High
				W49	234°	2.6	
				W50	234°	5.1	
				5.8			
Twenty Fourth	R15	Residential	Bedroom	W51	234°	5.1	High
				W52	234°	2.6	
				5.1			

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twenty Fourth	R16	Residential	LKD	W53	234°	2.6	
				W54	234°	5.1	
						5.1	High
Twenty Fourth	R17	Residential	Bedroom	W55	234°	5	
				W56	234°	2.6	
						5	High

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twenty Fourth	R18	Residential	LKD	W57	234°	5.2	High
				W58	324°N	0	
				W59	324°N	0	
				W60	324°N	0	
				W61	324°N	0	
						5.2	
Twenty Fourth	R19	Residential	Bedroom	W62	324°N	0	Failed
				W63	324°N	0	
						0	
Twenty Fourth	R20	Residential	Bedroom	W64	324°N	0.5	Failed
						0.5	
Twenty Fifth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0.6	
				W3	54°N	0.4	
				W4	54°N	0.1	
				W5	54°N	0	
						0.6	
Twenty Fifth	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
Twenty Fifth	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	
Twenty Fifth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
				W12	324°N	0	
				W13	324°N	0	
				W14	324°N	0	
				W15	324°N	0	
				W16	324°N	0	
						0	
Twenty Fifth	R5	Residential	Bedroom	W17	144°	5	High
				W18	144°	5	
				W19	144°	4.9	
				W20	144°	4.7	
						5	
Twenty Fifth	R6	Residential	Bedroom	W20	144°	4.7	High
				W21	144°	4.4	
				W22	144°	4.1	
				W23	144°	3.7	
				W24	144°	3.4	
Twenty Fifth	R8	Residential	Bedroom	W25	54°N	0.6	Failed
						0.6	
Twenty Fifth	R9	Residential	LKD	W26	54°N	1.5	High
				W27	54°N	0.8	
				W28	54°N	0.6	
				W29	144°	6.8	
				W30	144°	6.8	
				W31	144°	6.1	
				W32	144°	2.8	
						6.8	
Twenty Fifth	R10	Residential	LKD	W33	144°	6.5	
				W34	144°	6.8	
				W35	144°	6.4	
				W36	234°	5.8	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)		Rating
Twenty Fifth	R11	Residential	Bedroom	W37	144°	3.4		
				W38	144°	6.5		
				W39	234°	2.6		
				W40	234°	4.9		
						9.5	High	
				W41	234°	2.6		
W42	234°	5.1						
		5.1		High				

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twenty Fifth	R12	Residential	LKD	W43	234°	5.8	High
				W44	234°	2.6	
				W45	234°	5.1	
						5.8	
Twenty Fifth	R13	Residential	Bedroom	W46	234°	2.6	High
				W47	234°	5.1	
						5.1	
						5.1	
Twenty Fifth	R14	Residential	LKD	W48	234°	5.8	High
				W49	234°	5.1	
				W50	234°	2.6	
						5.8	
Twenty Fifth	R15	Residential	Bedroom	W51	234°	5.1	High
				W52	234°	2.6	
						5.1	
						5.1	
Twenty Fifth	R16	Residential	LKD	W53	234°	5.1	High
				W54	234°	2.6	
						5.1	
						5.1	
Twenty Fifth	R17	Residential	Bedroom	W55	234°	5	High
				W56	234°	2.6	
						5	
						5	
Twenty Fifth	R18	Residential	LKD	W57	234°	5.2	High
				W58	324°N	0	
				W59	324°N	0	
				W60	324°N	0	
				W61	324°N	0	
						5.2	
Twenty Fifth	R19	Residential	Bedroom	W62	324°N	0	Failed
				W63	324°N	0	
						0	
						0	
Twenty Fifth	R20	Residential	Bedroom	W64	324°N	0.5	Failed
						0.5	
						0.5	
						0.5	
Twenty Sixth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0.6	
				W3	54°N	0.4	
				W4	54°N	0.1	
				W5	54°N	0	
						0.6	
Twenty Sixth	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
						0	
Twenty Sixth	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	
						0	
						0	
Twenty Sixth	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
				W12	324°N	0	
				W13	324°N	0	
				W14	324°N	0	
				W15	324°N	0	
				W16	324°N	0	
						0	
						0	
Twenty Sixth	R5	Residential	Bedroom	W17	144°	5	High
				W18	144°	5	
				W19	144°	4.9	
				W20	144°	4.7	
						5	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)		Rating
Twenty Sixth	R6	Residential	Bedroom	W20	144°	4.7		
				W21	144°	4.4		
				W22	144°	4.1		
				W23	144°	3.7		
				W24	144°	3.4		
						4.7	High	
Twenty Sixth	R8	Residential	Bedroom	W25	54°N	0.6		
						0.6	Failed	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twenty Sixth	R9	Residential	LKD	W26	54°N	1.5	
				W27	54°N	0.8	
				W28	54°N	0.6	
				W29	144°	6.8	
				W30	144°	6.5	
				W31	144°	3.2	
				W32	144°	5.5	
						7.2	High
Twenty Sixth	R10	Residential	LKD	W33	144°	6.5	
				W34	144°	6.8	
				W35	144°	3.6	
				W36	234°	5.8	
				W37	144°	6.1	
				W38	144°	6.8	
				W39	234°	2.6	
W40	234°	4.9					
						9.5	High
Twenty Sixth	R11	Residential	Bedroom	W41	234°	5.1	
				W42	234°	2.6	
						5.1	High
Twenty Sixth	R12	Residential	LKD	W43	234°	5.8	
				W44	234°	2.6	
				W45	234°	5.1	
						5.8	High
Twenty Sixth	R13	Residential	Bedroom	W46	234°	5	
				W47	234°	2.6	
						5	High
Twenty Sixth	R14	Residential	LKD	W48	234°	5.8	
				W49	234°	2.6	
				W50	234°	5.1	
						5.8	High
Twenty Sixth	R15	Residential	Bedroom	W51	234°	2.6	
				W52	234°	5.1	
						5.1	High
Twenty Sixth	R16	Residential	LKD	W53	234°	2.6	
				W54	234°	5.1	
						5.1	High
Twenty Sixth	R17	Residential	Bedroom	W55	234°	2.6	
				W56	234°	5.1	
						5.1	High
Twenty Sixth	R18	Residential	LKD	W57	234°	5.2	
				W58	324°N	0	
				W59	324°N	0	
				W60	324°N	0	
				W61	324°N	0	
						5.2	High
Twenty Sixth	R19	Residential	Bedroom	W62	324°N	0	
				W63	324°N	0	
						0	Failed
Twenty Sixth	R20	Residential	Bedroom	W64	324°N	0.5	
						0.5	
Twenty Seventh	R1	Residential	LKD	W1	324°N	0	
				W2	54°N	0.6	
				W3	54°N	0.4	
				W4	54°N	0.1	
				W5	54°N	0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
						0.6	Failed
Twenty Seventh	R2	Residential	LKD	W6 W7	54°N 54°N	0	Failed
						0	
						0	
Twenty Seventh	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twenty Seventh	R4	Residential	LKD	W9	324°N	0	Failed
				W10	324°N	0	
				W11	324°N	0	
				W12	324°N	0	
				W13	324°N	0	
				W14	324°N	0	
				W15	324°N	0	
				W16	324°N	0	
Twenty Seventh	R5	Residential	Bedroom	W17	144°	5	High
				W18	144°	5	
				W19	144°	5	
				W20	144°	4.8	
Twenty Seventh	R6	Residential	Bedroom	W20	144°	4.8	High
				W21	144°	4.3	
				W22	144°	4	
				W23	144°	3.6	
				W24	144°	3.4	
Twenty Seventh	R8	Residential	Bedroom	W25	54°N	4.8	High
						0.6	
Twenty Seventh	R9	Residential	LKD	W25	54°N	0.6	Failed
				W26	54°N	1.5	
				W27	54°N	0.8	
				W28	54°N	0.6	
				W29	144°	6.8	
				W30	144°	6.8	
				W31	144°	6.1	
				W32	144°	2.8	
Twenty Seventh	R10	Residential	LKD	W32	144°	6.8	High
				W33	144°	6.5	
				W34	144°	6.8	
				W35	144°	3.6	
				W36	234°	5.8	
				W37	144°	6.1	
				W38	144°	6.8	
				W39	234°	5.1	
Twenty Seventh	R11	Residential	Bedroom	W40	234°	2.6	High
				9.5			
				5.1			
Twenty Seventh	R12	Residential	LKD	W41	234°	5.1	High
				W42	234°	2.6	
				5.1			
Twenty Seventh	R13	Residential	Bedroom	W43	234°	5.8	High
				W44	234°	5.1	
				W45	234°	2.6	
Twenty Seventh	R14	Residential	Bedroom	W46	234°	5.8	High
				W47	234°	2.6	
				5			
Twenty Seventh	R15	Residential	Bedroom	W48	234°	5.8	High
				W49	234°	5.1	
				W50	234°	2.6	
Twenty Seventh	R16	Residential	Bedroom	W51	234°	5.8	High
				W52	234°	5.1	
				2.6			

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twenty Seventh	R16	Residential	LKD	W53	234°	5.1	
				W54	234°	2.6	
						5.1	High
Twenty Seventh	R17	Residential	Bedroom	W55	234°	2.6	
				W56	234°	5.1	
						5.1	High

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)	Rating
Twenty Seventh	R18	Residential	LKD	W57	234°	5.2	High
				W58	324°N	0	
				W59	324°N	0	
				W60	324°N	0	
				W61	324°N	0	
						5.2	
Twenty Seventh	R19	Residential	Bedroom	W62	324°N	0	Failed
				W63	324°N	0	
						0	
Twenty Seventh	R20	Residential	Bedroom	W64	324°N	0.5	Failed
						0.5	
Twenty Eighth	R1	Residential	LKD	W1	324°N	0	Failed
				W2	54°N	0.6	
				W3	54°N	0.4	
				W4	54°N	0.1	
				W5	54°N	0	
						0.6	
Twenty Eighth	R2	Residential	LKD	W6	54°N	0	Failed
				W7	54°N	0	
						0	
Twenty Eighth	R3	Residential	Bedroom	W8	54°N	0	Failed
						0	
Twenty Eighth	R4	Residential	Bedroom	W9	54°N	0.6	Failed
						0.6	
Twenty Eighth	R5	Residential	LKD	W10	54°N	1.5	High
				W11	54°N	0.8	
				W12	54°N	0.6	
				W13	144°	6.8	
				W14	144°	6.8	
				W15	144°	6.1	
				W16	144°	2.8	
						6.8	
Twenty Eighth	R6	Residential	LKD	W17	144°	6.5	High
				W18	144°	6.8	
				W19	144°	6.4	
				W20	234°	5.8	
				W21	144°	3.4	
				W22	144°	6.5	
				W23	234°	2.6	
				W24	234°	4.9	
Twenty Eighth	R7	Residential	Bedroom	W25	234°	2.6	High
				W26	234°	5.1	
						5.1	
Twenty Eighth	R8	Residential	LKD	W27	234°	5.8	High
				W28	234°	2.6	
				W29	234°	5.1	
Twenty Eighth	R9	Residential	Bedroom	W30	234°	2.6	High
				W31	234°	5.1	
						5.1	
Twenty Eighth	R10	Residential	LKD	W32	234°	5.8	High
				W33	234°	2.6	
				W34	234°	5.1	
Twenty Eighth	R11	Residential	Bedroom	W35	234°	5.8	High
						5.1	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)		Rating		
Twenty Eighth	R12	Residential	LKD	W36	234°	2.6		High		
						5.1				
Twenty Eighth	R12	Residential	LKD	W37	234°	2.6		High		
						W38	234°		5.1	
									5.1	
Twenty Eighth	R13	Residential	Bedroom	W39	234°	5		High		
						W40	234°		2.6	
									5	

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	Window Orientation	Proposed Sunlight Exposure (Hours)		Rating
Twenty Eighth	R14	Residential	LKD	W41	234°	5.2		
				W42	324°N	0		
				W43	324°N	0		
				W44	324°N	0		
				W45	324°N	0		
						5.2	High	
Twenty Eighth	R15	Residential	Bedroom	W46	324°N	0		
				W47	324°N	0		
						0	Failed	
Twenty Eighth	R16	Residential	Bedroom	W48	324°N	0.5		

VSC Facade Study Images





Analysis

Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)

Existing Model & Surrounding Model

Models derived from 3d terrestrial laser scan survey pointcloud and
AccuCities file.
Ref: 003284_Harlech Court, Bute St, Cardiff_HD_MASTER.dwg

Internal room layouts derived from pointcloud wherever possible.
All other room information is from plans as detailed below or
assumed.

Supplemented with site photography, Bing maps and Google
Streetmaps.

Ref: Harlech Court Cardiff - Plans Research - ROL.pdf
Guildford Crescent - Consented Scheme
21-01682-MJR - PDF Series

Proposed Model
Received 16.05.2024
Ref: SKUP Model (May 2024).dwg

Client

Harlech Court Limited

Job Title

Harlech Court, Cardiff

Drawing Title

Proposed 3d View
VSC Facade Study

Scale

NTS

Date

June 2024

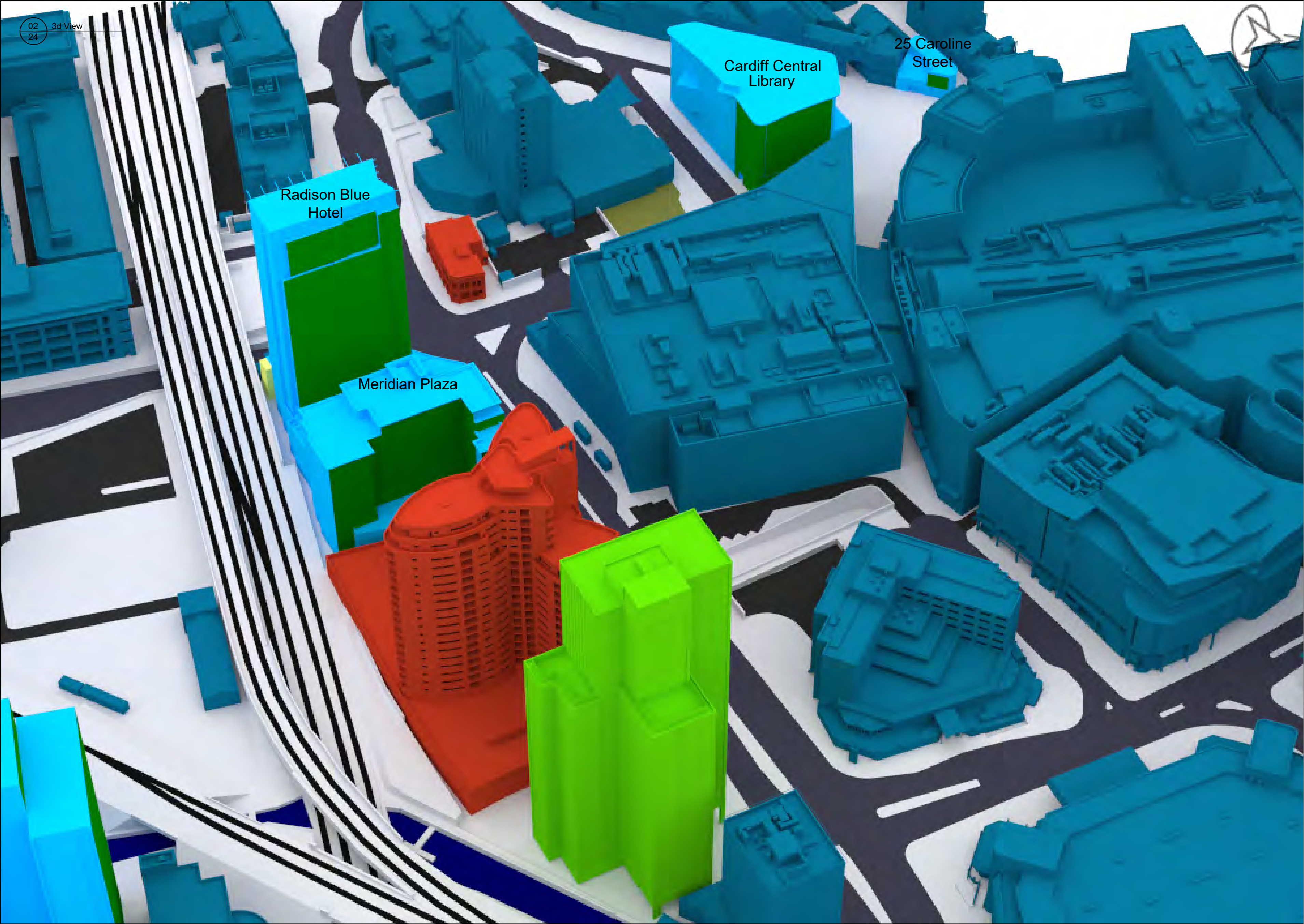
Drawn

RH

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Tel: 0870 777 6292 www.rapleys.com

19-00360-02b-23



02
24

3d View

Radison Blue
Hotel

Meridian Plaza

Cardiff Central
Library

25 Caroline
Street

Analysis
Produced using Waldram Tools
MBS Survey Software Ltd (www.mbs-software.co.uk)
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Drawing Title
Proposed 3d View
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Scale	Date	Drawn
NTS	June 2024	RH

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19-00360-02b-24

Zenith Student
Accommodation

The Copper
Works

Radison
Blue Hotel

Meridian
Plaza

Analysis

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Drawing Title

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VSC Facade Study

Scale

NTS

Date

June 2024

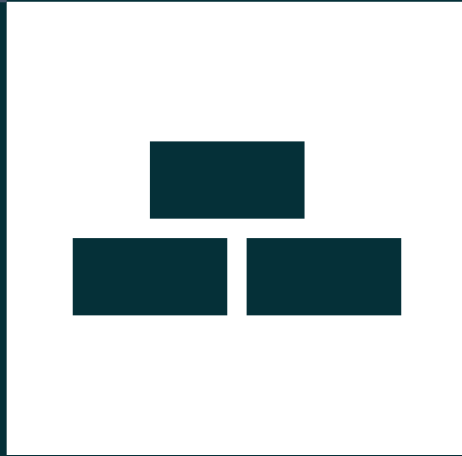
Drawn

RH

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19-00360-02b-25



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