

# Ham Close Regeneration

Planning Application:

Daylight, Sunlight and  
Overshadowing Report

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**For and on behalf of Avison Young (UK) Limited**

# 1. Executive Summary

- 1.1 Avison Young has been instructed by Hill Residential to advise on daylight, sunlight and overshadowing matters in relation to the Proposed Development at Ham Close, Ham, Richmond upon Thames, TW10 7PG.
- 1.2 The assessment has been undertaken with regard to national, regional and local planning policy and, the advice and recommendations set out in the Building Research Establishment (BRE) report entitled 'Site layout planning for daylight and sunlight: A guide to good practice - 2011' (referred to in this report as the "BRE guidelines").
- 1.3 Section 1 of this report considers the potential daylight and sunlight effects that may occur to the surrounding (neighbouring) residential properties as a result of the Proposed Development and the potential overshadowing to existing amenity spaces in the vicinity of the development site.
- 1.4 Section 2 of this report considers the potential levels of daylight and sunlight that will be enjoyed within the residential units of the Proposed Development and the potential overshadowing to the proposed amenity spaces.

## Section 1 – Neighbouring Daylight, Sunlight and Overshadowing Effects

- 1.5 In accordance with the BRE guidelines, detailed daylight and sunlight assessments have been undertaken to quantify any alteration in light that may occur because of the Proposed Development, within existing residential habitable rooms and windows.
- 1.6 Assessments have therefore been carried out within neighbouring properties located on Woodville Road, Ashburnham Road, Mowbray Road and Sheridan Road.
- 1.7 The results of the technical analysis show that any daylight or sunlight reductions to the surrounding residential properties are generally within the BRE guidelines, with 96% VSC (Vertical Sky Component) compliance; 95% NSL (No Sky Line) compliance; and 100% APSH (Annual Probable Sunlight Hour) compliance.
- 1.8 Analysis found that 6 main windows (located within 14 Woodville Road, 16 Woodville Road and The Woodville Centre) experience a VSC reduction beyond the BRE guidelines (*i.e. less than 27% VSC retained, and a reduction of greater than 20% its existing VSC value*).
- 1.9 An additional window within 33 Ashburnham Road also falls short of the BRE guidelines, however, this window is the side pane of a bay window and is classed as a secondary window. The BRE guidelines suggest that it is the effect to the main habitable windows that should be given the principal consideration. With regard to bay windows, the BRE guidelines suggest that the centre window facing outwards can be taken as a main window. The main window to this room meets the BRE guidelines for both the reduction and retained criterion and therefore it can be considered that the effects upon this room can be considered acceptable.
- 1.10 The 4 main windows within 14 and 16 Woodville Road will experience a minor derogation from the BRE guidelines, whereby the reductions exceed the criteria by a maximum of 2.34%, which in our opinion equates to a minor adverse change.
- 1.11 The 2 main windows within The Woodville Centre are understood to serve one of the main social spaces within The Woodville Centre along with a further 5 windows. The results for these two windows

however show each will experience a minor derogation from the BRE guidelines, yet both will retain a VSC of at least 25% which is only 2% short of the BRE guidelines recommended criteria. It can therefore be considered that the room as a whole will continue to enjoy good levels of daylight.

- 1.12 With regard to the daylight distribution (NSL) assessments, 5 rooms will experience reductions beyond the BRE guidelines (within 14, 16, 18, 38 and 40 Woodville Road). The BRE guidelines suggest that a room should enjoy good levels of daylight distribution if 80% of the working plane is in front of the No-Sky Line (NSL). However, for built areas, and in our experience, this is often not achieved. It is our view that for built areas a target of 50% is reasonable. Each of these 5 rooms will continue to enjoy a NSL to over 59% of their room area with the Proposed Development in place and therefore although the reductions are beyond the BRE guidelines, the remaining NSL is considered acceptable for more built areas.
- 1.13 The sunlight (APSH) results show each window within the neighbouring properties that is orientated within 90 degrees of due south will continue to either enjoy very good levels of sunlight in accordance with the BRE guidelines or will experience a small reduction which is unnoticeable in accordance with the BRE guidelines.
- 1.14 The overshadowing results show that with the Proposed Development in place, both the playing fields associated with St. Richard's CE Primary school and the play space surrounding The Woodville Centre should continue to enjoy good levels of direct sunlight, in accordance with the BRE guidelines.

## **Section 2 – Proposed Daylight, Sunlight and Overshadowing Levels**

- 1.15 For the purposes of this assessment, the Proposed Development features open plan living/kitchen/dining rooms ('LKD's') where some of the kitchens/food preparation areas are located at the rear of deep open plan spaces. In many cases the kitchen areas are clearly intended to be predominantly artificially lit with electric lighting given their distance to a main or supplementary window.
- 1.16 In addition to the above, paragraph 2.1.14 of the BRE Guidelines states in respect of internal galley type kitchens that if these are not directly day-lit they should be directly linked to a well day-lit living room.
- 1.17 As such where the proposed floor plans indicate galley type kitchen areas to the rear of multi-use living/kitchen/dining ('LKD') rooms with no natural light due to the distance from windows, we have run assessments against both a 2% and 1.5% ADF target value, as a means of estimating the quantum of daylight in the front portion of the rooms (i.e. living/dining area).
- 1.18 The results of these assessments show that across all proposed blocks 85% of habitable residential rooms will receive levels of daylight which accord with the BRE Guidelines recommendations. In addition, the NSL assessment results show that across all proposed blocks 87% of habitable residential rooms will be in line with the BRE Guidelines recommendations. In our opinion, this is considered a very good level of compliance for a proposed scheme of this size and typology.
- 1.19 The APSH results show 76% of windows orientated within 90 degrees of due south will meet the BRE criteria for winter sunlight, and 67% of windows will meet the BRE criteria for total (annual) sunlight.
- 1.20 With regard to overshadowing (or 'sun hours on ground'), the results of our assessments show that all newly proposed communal amenity areas, except for 1 (30 of the 31 areas) will meet the BRE guidelines by achieving 2 hours of sun on ground to over 50% of the assessed area on 21<sup>st</sup> March, thereby comfortably meeting the BRE target criteria. In addition, the public amenity space known as Ham Village Green which is located within the red line boundary of the Site will also meet the BRE guidelines.

- 1.21 The one space which falls short is labelled as Area 42 within Appendix 10 and achieves 2 hours sun on ground to 39% of the area on 21<sup>st</sup> March. However, in the summer months, this increases to 89%.
- 1.22 The provision of a private garden is an additional beneficial amenity and the BRE guidelines recommend to purely focus on proposed communal amenity spaces, as not all residents have access to a private garden and so it is important to ensure that all residents have access to a well sunlit space. However, for completeness we have undertaken sun hours on ground assessments to the 42 private gardens that are proposed.
- 1.23 The results of the assessments show that of those gardens that are orientated within 90 degrees of due south the vast majority will enjoy at least 2 hours of sun on ground to over 50% of their garden's area. The one which falls short, labelled area 12 within Appendix 10, only does so by 2%, and enjoys 2 hours of sun on ground to 48% of its area.
- 1.24 The gardens which are orientated within 90 degrees of due north (29 gardens) fall short of the BRE guidelines, however this is as expected and as the gardens are private, it is up to the future occupier as to whether they are happy with a north facing garden or not. It can however be said that each of these gardens will enjoy very good levels of sunlight in the summer months, when the gardens are more likely to be used.
- 1.25 It can therefore be concluded that each resident throughout the Site, will have access to a reasonably sunlit amenity space.
- 1.26 In consideration of the above, it is our professional opinion that the Proposed Development is entirely acceptable in terms of daylight, sunlight, and overshadowing, despite a very small number of isolated transgressions, which are not uncommon when increasing development levels on an existing site of this nature.

## 2. Introduction

- 2.1 Avison Young has been instructed by Hill Residential to advise on daylight, sunlight and overshadowing matters in relation to the Proposed Development at Ham Close, Ham, Richmond upon Thames, TW10 7PG.
- 2.2 The scope of this report is to consider the potential daylight, sunlight and overshadowing effects that may occur to the surrounding residential properties as a result of the Proposed Development, as well as the levels of daylight and sunlight that will be enjoyed to the Proposed Development.
- 2.3 The assessment has been undertaken with regard to national, regional and local planning policy and, the advice and recommendations set out in the Building Research Establishment (BRE) report entitled 'Site layout planning for daylight and sunlight: A guide to good practice - 2011' (Referred to in this report as the "BRE guidelines").
- 2.4 A Site Plan and 3D Views of the scheme, detailed results tables, contour plots and the overshadowing assessments are given at Appendices 1 to 10.

### 3. Planning Policy

- 3.1 The following sections review the relevant legislation, national, regional and local planning policy and guidance requirements in terms of daylight, sunlight, overshadowing, light pollution and solar glare.

#### National Planning Policy

##### National Planning Policy Framework (NPPF), July 2021

- 3.2 There are no national planning policies directly relating to daylight, sunlight and overshadowing. However, Chapter 11 of the NPPF deals with "Making effective use of land." Under the sub-heading "Achieving appropriate densities" it states at paragraph 125:

*125. Where there is an existing or anticipated shortage of land for meeting identified housing needs, it is especially important that planning policies and decisions avoid homes being built at low densities and ensure that developments make optimal use of the potential of each site. In these circumstances; ...*

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

- 3.3 Additionally, Chapter 12 of the NPPF deals with 'Achieving well-designed places' and at paragraph 130 it states:

*130. Planning policies and decisions should ensure that developments:*

*... e) optimise the potential of the site to accommodate and sustain an appropriate amount and mix of development (including green and other public space) and support local facilities and transport networks; and*

*f) create places that are safe, inclusive and accessible and which promote health and well-being, with a high standard of amenity for existing and future users;*

##### National Planning Practice Guidance (NPPG), 2019

- 3.4 The NPPG is an online resource for planning practitioners. In respect to daylight and sunlight, the document titled 'Effective Use of Land' states at paragraph 007 (Reference ID 66-007-20190722):

*All developments should maintain acceptable living standards. What this means in practice, in relation to assessing appropriate levels of sunlight and daylight, will depend to some extent on the context for the development as well as its detailed design. For example in areas of high density historic buildings, or city centre locations where tall modern buildings predominate, lower daylight and daylight and sunlight levels at some windows may be unavoidable if new developments are to be in keeping with the general form of their surroundings.*

*In such situations good design (such as giving careful consideration to a building's massing and layout of habitable rooms) will be necessary to help make the best use of the site and maintain acceptable living standards.*



## Regional Planning Policy

### The London Plan, The Spatial Development Strategy for Greater London, March 2021

- 3.5 The London Plan sets out the Mayor's vision for London and outlines the strategic approach to economic, social, environmental and transport development in London over the next 20 - 25 years.
- 3.6 Policy D6 Housing Quality and Standards states:
- c) *Housing development should maximise the provision of dual aspect dwellings and normally avoid the provision of single aspect dwellings. A single aspect dwelling should only be provided where it is considered a more appropriate design solution to meet the requirements of Part B in Policy D3 Optimising site capacity through the design-led approach than a dual aspect dwelling, and it can be demonstrated that it will have adequate passive ventilation, daylight and privacy, and avoid overheating.*
  - d) *The design of development should provide sufficient daylight and sunlight to new and surrounding housing that is appropriate for its context, whilst avoiding overheating, minimising overshadowing and maximising the usability of outside amenity space.*
- 3.7 Policy D9 Tall Buildings states:
- 3) *environmental impact*
  - a) *wind, daylight, sunlight penetration and temperature conditions around the building(s) and neighbourhood must be carefully considered and not compromise comfort and the enjoyment of open spaces, including water spaces, around the building*
- 3.8 Policy D8 Public Realm states:
- j) *ensure that appropriate shade, shelter, seating and, where possible, areas of direct sunlight are provided, with other microclimatic considerations, including temperature and wind, taken into account in order to encourage people to spend time in a place.*
- 3.9 See below the guidance set out in the adopted Housing SPG, 2016, which forms part of the London Plan.

### Housing SPG, 2016 (Part of the London Plan)

- 3.10 The key policies from the Housing SPG of relevance to this assessment are detailed below.
- 3.11 Paragraph 1.3.45 states:

*[...] requires new development to avoid causing 'unacceptable harm' to the amenity of surrounding land and buildings, particularly in relation to privacy and overshadowing and where tall buildings are proposed. An appropriate degree of flexibility needs to be applied when using BRE guidelines to assess the daylight and sunlight impacts of new development on surrounding properties, as well as within new developments themselves. Guidelines should be applied sensitively to higher density development, especially in opportunity areas, town centres, large sites and accessible locations, where BRE advice suggests considering the use of alternative targets. This should take into account local circumstances; the need*

*to optimise housing capacity; and scope for the character and form of an area to change over time.*

3.12 Paragraph 1.3.46 states that:

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

## **Local Planning Policy**

### **London Borough of Richmond upon Thames Local Plan (Adopted 3 July 2018)**

3.13 The Site is located within the Site Allocation SA 15 which supports comprehensive redevelopment of this site, including demolition of the existing buildings and new build re-provision of all residential and non-residential buildings, plus the provision of additional new residential accommodation.

3.14 Policy LP 2 'Building Heights' states:

*The Council will require new buildings, including extensions and redevelopment of existing buildings, to respect and strengthen the setting of the borough's valued townscapes and landscapes, through appropriate building heights, by the following means: ...*

*... 4. take account of climatic effects, including overshadowing, diversion of wind speeds, heat island and glare;*

3.15 Policy LP 8 'Amenity and Living Conditions' states:

*All development will be required to protect the amenity and living conditions for occupants of new, existing, adjoining and neighbouring properties. The Council will:*

*1. ensure the design and layout of buildings enables good standards of daylight and sunlight to be achieved in new development and in existing properties affected by new development; where existing daylight and sunlight conditions are already substandard, they should be improved where possible;*

3.16 Paragraph 4.85 'Daylight, sunlight and solar glare' states:

*In assessing whether sunlight and daylight conditions are good, both inside buildings and in gardens and open spaces, the Council will have regard to the most recent Building Research Establishment guidance, both for new development, and for properties affected by new development. In some circumstances, mathematical calculations to assess daylighting and sunlighting may be an inappropriate measure, and an on-site judgement will often be necessary.*

3.17 Policy LP 35 'Housing Mix and Standards' states:

*D. Amenity space for all new dwellings, including conversions, should be:...*

*...c. orientated to take account of need for sunlight and shading;*

## Draft London Borough of Richmond upon Thames - Richmond Local Plan 'The best for our borough' (Not yet adopted – 10 December 2021)

3.18 Policy 46 'Amenity and living conditions' of the Richmond upon Thames draft Local Plan states:

*A. All development will be required to protect the amenity and living conditions for occupants of new, existing, adjoining and neighbouring properties. The Council will:*

*1. Ensure the design and layout of buildings enables good standards of daylight and sunlight to be achieved in new development and in existing properties affected by new development; where existing daylight and sunlight conditions are already substandard, they should be improved where possible;*

3.19 Paragraph 22.32 'Daylight, sunlight and solar glare' states:

*In assessing whether sunlight and daylight conditions are good, both inside buildings and in gardens and open spaces, the Council will have regard to the most recent Building Research Establishment guidance, both for new development, and for properties affected by new development. In some circumstances, mathematical calculations to assess daylighting and sunlighting may be an inappropriate measure, and an on-site judgement will often be necessary.*

3.20 Policy 13 'Housing Mix and Standards' states:

*D. Amenity space for all new dwellings, including conversions, should be:...*

*...c. orientated to take account of need for sunlight and shading;*

## Guidance

### Building Research Establishment Guidelines: Site Layout Planning for Daylight and Sunlight: A Guide to Good Practice, Second Edition, 2011

3.21 The BRE Guidelines provides "advice on site layout planning to achieve good daylighting and sunlighting, within buildings and in the open spaces between them."

3.22 It is intended for building designers, developers, consultants and Local Planning Authorities (LPAs). It is intended to be used in conjunction with the Chartered Institute of Building Services Engineers (CIBSE) publication Lighting guide: daylighting and window design.

3.23 The advice it gives is not mandatory and should not be used as an instrument of planning policy. Of particular relevance, it states within the opening summary:

3.24 This guide is a comprehensive revision of the 1991 edition of Site Layout Planning for Daylight and Sunlight: A Guide to Good Practice. It is purely advisory and the numerical target values within it may be varied to meet the needs of the development and its location.

3.25 In addition, paragraph 1.6 states:

*...its aim is to help rather than constrain the designer. Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site*

*layout design (see Section 5). In special circumstances, the developer or the planning authority may wish to use different target values. For example, in a historic city centre, or in an area with modern high-rise buildings, a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings.*

## 4. Section 1 - Neighbouring Daylight, Sunlight and Overshadowing Methodology

### Daylight

- 4.1 The recommendations for daylighting to existing residential buildings around a development site are set out in Part 2.2 of the BRE guidelines.

### Vertical Sky Component (VSC)

- 4.2 The amount of light available to a window depends upon the amount of unobstructed sky that can be seen from the centre of the window under consideration. The amount of visible sky and consequently the amount of available skylight is assessed by calculating the VSC at the centre of the window. The guidelines advise that bathrooms, toilets, storerooms, circulation areas and garages need not be analysed.
- 4.3 The VSC can be calculated by using the skylight indicator provided as part of the guidelines, by mathematical methods using what is known as a Waldram diagram or by 3D CAD modelling.
- 4.4 Paragraph 2.2.7 of the BRE guidelines states the following:-

*'If this vertical sky component is greater than 27% then enough skylight should still be reaching the window of the existing building. Any reduction below this level should be kept to a minimum. If the vertical sky component with the new development in place, is both less than 27% and less than 0.8 times its former value, then occupants of the existing building will notice the reduction in the amount of skylight.'*

- 4.5 It must be interpreted from this criterion that a 27% VSC constitutes adequacy, but where this value cannot be achieved a reduction of up to 0.8 times its former value (this is the same as saying a 20% reduction when compared against the existing condition) would not be noticeable and would not therefore be considered material.
- 4.6 The VSC calculation only measures sky visibility reaching the outside plane of the window under consideration, so this is considered more a measure of the potential for good daylight within a given room. Depending upon the room and window size, the room may still be adequately lit with a lesser VSC value than the target values referred to above.

### No-Sky Line (NSL or Daylight Distribution)

- 4.7 The BRE Guidelines advise that where room layouts are known, the effect on the daylight distribution can be calculated by plotting the NSL. In terms of the neighbouring receptors, it has not been possible to obtain room layouts for the neighbouring properties and therefore layouts have been assumed.
- 4.8 The NSL is a measure of the distribution of daylight at the 'working plane' within a room. The 'working plane' means a horizontal 'desktop' plane 0.85m in height for residential properties. The NSL divides those areas of the working plane which can receive direct sky light from those which cannot. If a significant area of the working plane (normally more than 20%) lies beyond the NSL (i.e. it receives no direct sky light), then the distribution of daylight in the room will look poor and supplementary electric lighting may be required.
- 4.9 The potential effects of daylight distribution in an existing building can be identified by plotting the NSL in each of the main rooms. For residential dwellings, this will include living rooms, dining rooms and

kitchens. Bedrooms should also be analysed, although they are less important. The BRE Guidelines identify that if the area of a room that does receive direct sky light is reduced to less than 0.8 times its former value, then this would be noticeable to its occupants.

## Sunlight

- 4.10 Recommendations for sunlight amenity are set out in Part 3.2 (existing residential neighbours) of the BRE guidelines.

### Annual Probable Sunlight Hours (APSH)

- 4.11 There is a requirement to assess windows of surrounding properties where the main windows face within 90 degrees of due south.
- 4.12 For new development, APSH calculations are taken at the centre of each window being assessed, on the plane of the inside face of the window wall. For existing neighbours, the outside face of the window wall is used.
- 4.13 The APSH method is based on the long-term average of the total number of hours during the year in which direct sunlight reaches the unobstructed ground allowing for average levels of cloudiness.
- 4.14 The sunlight availability indicator is then used to plot what percentage of the annual unobstructed total will reach the window reference point when obstructions and orientation are taken into account.
- 4.15 The BRE guidelines state:

*'In housing, the main requirement for sunlight is in living rooms, where it is valued at any time of day but especially in the afternoon. Sunlight is also required in conservatories. It is viewed as less important in bedrooms and in kitchens, where people prefer it in the morning rather than the afternoon.'*

- 4.16 Paragraphs 3.2.5 and 3.2.6 of the BRE guidelines sets the following recommendations:

*'If this window reference point can receive more than one quarter of annual probable sunlight hours, including at least 5% of annual probable sunlight hours during the winter months of 21st September and 21st March, then the room should still receive enough sunlight. The sunlight availability indicator in Appendix A can be used to check this.'*

*'Any reduction in sunlight access below this level should be kept to a minimum. If the available sunlight hours are both less than the amount given and less than 0.8 times their former value, either over the whole year or just during the winter months then the occupants of the existing building will notice the loss of sunlight.'*

- 4.17 To summarise the above, the target level of sunlight to a window is 25% annual probable sunlight hours, of which 5% should be in winter months. Where sunlight levels fall below the suggested level, a comparison with the existing condition is reviewed and if the ratio reduction is within 0.8 (the same as saying a 20% reduction) its former value or the reduction in sunlight received over the whole year is 4% or less, then the sunlight loss will not be noticeable.
- 4.18 Where sunlight reductions fall below a ratio of 0.8 (the same as saying greater than a 20% reduction) then the sunlight losses may be noticeable to occupants.
- 4.19 The BRE guidance identifies the main influencing factors affecting access to available sunlight are site orientation and degree of obstruction.

- 4.20 When considering existing neighbours these factors are clearly outside the control of the designer. In new development the BRE suggest that the aim should be to minimise the number of northerly facing dwellings, however in larger developments it is accepted this may not be possible.
- 4.21 In relation to sunlight (APSH) analysis, usually only windows which are oriented within 90 degrees of due south have been considered, as they have a reasonable expectation for sunlight. Where a room is served by multiple windows, if one or more windows is oriented within 90 degrees of due south the remaining windows serving the room will be considered regardless of orientation.

## Overshadowing

### Transient Overshadowing

- 4.22 The BRE Guidelines suggest that where large buildings are proposed which may affect a number of gardens or open spaces, it is useful to plot a shadow plan to illustrate the location of shadows at different times of the day and year. For the purpose of this assessment the overshadowing was mapped for the following three key dates in the year:
- 21st March (Spring Equinox);
  - 21st June (Summer Solstice); and
  - 21st December (Winter Solstice).
- 4.23 September 21st (Autumn Equinox) provides the same overshadowing images as March 21st (Spring Equinox) as the sun follows the same path at these corresponding times of year.

### Sun Hours on Ground

- 4.24 The sun on ground assessment is a more detailed test than the transient overshadowing assessment on a particular garden or amenity space. The test is designed to consider whether good levels of sunlight are likely to be enjoyed throughout the year.
- 4.25 The BRE Guidelines recommend that the availability of sunlight should be checked for all spaces where it will be required. It states *'this will normally include gardens, parks and playing fields, children's playgrounds, pools, sitting out areas such as those between buildings and in public squares and focal points'*.
- 4.26 The BRE Guidelines suggest that for a garden or amenity area to appear adequately sunlit throughout the year, at least half (50%) of the area should receive two or more hours of direct sunlight on 21st March.
- 4.27 The Spring Equinox, 21st March date is chosen as the sun is at its midpoint in the sky and represents average annual conditions, therefore sunlight amenity within the amenity area is expected to increase after this point, to a maximum on the summer solstice (21st June).
- 4.28 Using specialist software, the path of the sun is tracked at one-minute intervals to establish where sunlight falls on the ground and where it is prevented from doing so as a result of surrounding obstructions.
- 4.29 The 2011 BRE Guidelines then go on to suggest that if, as a result of new development, an existing garden or amenity area does not meet the guidance, or the area which can receive some sun on the 21st March is less than 0.8 times its former value then the loss of sunlight is likely to be noticeable.

## 5. Section 2 – Internal Daylight, Sunlight and Overshadowing Methodology

### Daylight

#### Average Daylight Factor (ADF)

5.1 The ADF assessment methodology is set out in the BRE guidelines.

5.2 The BRE Guidelines state in the opening Summary:

*'This guide gives advice on site layout planning to achieve good sunlighting and daylighting both within buildings and in the open spaces between them.'*

5.3 The Average Daylight Factor (ADF) is defined within the 2011 BRE Guidelines as the:

*'... ratio of total daylight flux incident on the working plane to the area of the working plane, expressed as a percentage of the outdoor illuminance on a horizontal plane due to an unobstructed CIE standard overcast sky. Thus a 1% ADF would mean that the average indoor illuminance would be one hundredth the outdoor unobstructed illuminance.'*

5.4 This calculation considers not only the amount of skylight falling on the vertical face of the window, but also the glazing size, transmittance value, average reflectance, room area and room use. It is therefore a more detailed analysis of the daylight levels within a room.

5.5 The following assumptions have been made in the ADF calculations:

- Glazing Transmittance: 0.68;
- Maintenance Factor: 0.8;
- Glazing Bar Correction: 0.9;
- Wall Reflectance 0.81;
- Floor Reflectance: 0.4;
- Ceiling Reflectance: 0.85.

5.6 The ADF criteria is the prescribed methodology for evaluating daylight within proposed accommodation and the ADF values based on room use are referenced by the BRE Guidelines. The values for those rooms that are most relevant for our assessments are:

- 2% for a kitchen or living/kitchen/dining room ('LKD');
- 1.5% for a living room or living/dining room ('LD'); and
- 1% for a bedroom.

5.7 Where a room is served by more than one purpose, it is suggested that the minimum ADF should be for the highest value, i.e. 2% for Living/Kitchen/ Dining rooms ('LKD's').



- 5.8 The ADF calculation determines the average illuminance on the working plane in a room, divided by the illuminance on an unobstructed surface outdoors.
- 5.9 It is designed to quantify the amount of daylight in a room as a whole and does not therefore illustrate the likely levels of daylight in the different areas of a large multiuse room.
- 5.10 For example, where the living room is generally situated at the front of the room, followed by the dining area and then the kitchen at the rear (which is common in most modern apartment block developments), the living and dining areas may receive good levels of daylight amenity, whilst the kitchen at the rear may not be expected to achieve a good level of daylight amenity. It is important therefore to take this into consideration.
- 5.11 In the case of the Proposed Development, the proposed units feature open plan living/kitchen/dining rooms ('LKD's') where some of the kitchens/food preparation areas are located at the rear of deep open plan spaces. In many cases the kitchen areas are clearly intended to be predominantly artificially lit with electric lighting given their distance to a main or supplementary window.
- 5.12 In addition to the above, paragraph 2.1.14 of the BRE Guidelines states in respect of internal galley type kitchens that if these are not directly day-lit they should be directly linked to a well day-lit living room.
- 5.13 As such where the proposed floor plans indicate galley type kitchen areas to the rear of multi-use living/kitchen/dining ('LKD') rooms with less natural light due to the distance from windows, we have run assessments using both 2% and 1.5% ADF target value, as a means of estimating the quantum of daylight in the front portion of the rooms (i.e. living/dining area).

### **No-Sky Line (NSL or Daylight Distribution)**

- 5.14 In conjunction with the ADF test the BRE guidelines suggest that the distribution of daylight is assessed using the No Sky Line (NSL) test. This test separates those areas of the working plane that can receive direct skylight and those that cannot.
- 5.15 When dealing with proposed properties the BRE guidelines suggest that a room should enjoy good levels of daylight distribution if 80% of the working plane is in front of the No-Sky Line.
- 5.16 However, for built areas, and in our experience, this is often not achieved. It is our view that for built areas or areas with increasing densification and where balconies are used for the provision of external private amenity but reduce the level of sky visibility entering deep into a room, a target of 50% is more reasonable.

### **Sunlight**

- 5.17 Recommendations for sunlight amenity are set out in Part 3.1 (new development) of the BRE guidelines.

### **Annual Probable Sunlight Hours (APSH)**

- 5.18 With regard to sunlight penetration to proposed habitable rooms, and especially in built areas, a sunlight analysis is not always considered to be necessary. This is because the availability of sunlight is dependent on the orientation of a window and very often the size and shape of a site (which cannot be changed), as well as the bulk and massing of the existing surrounding properties. The daylight calculations are not dependent on the orientation of a window and, therefore, the design of the proposals, as well as the bulk and massing of the existing surrounding properties, will dictate whether good levels of daylight can be enjoyed.

- 5.19 The above view does not mean that sunlight availability is not considered during the design stages, as, where possible, dwellings should be designed to be dual aspect with main habitable room windows facing south. However, it must also be recognised that due to site constraints and other design issues this is not always possible, and schemes may therefore include some single aspect north facing apartments.
- 5.20 The BRE guidelines provide good practice and target levels, but as set out above it must be recognised that sunlight is highly dependent on orientation, surrounding obstructions and site constraints.
- 5.21 Within Greater London there are inevitably a large number of existing habitable rooms which receive levels of sunlight below those recommended by the BRE guidelines. These low levels of sunlight are not due to poor design but due to the inherent density of development in the area.
- 5.22 This is why the BRE guidelines suggest target values and good design rather than fixed numerical values, as the level of sunlight availability is not necessarily achievable within the design remit of the architect. However, it is recognised that sunlight is enjoyed within the home and the proposals have therefore evolved to ensure that sunlight availability to future residents of the Proposed Development is maximised where possible
- 5.23 For new development, APSH calculations are taken at the centre of each window being assessed, on the plane of the inside face of the window wall. For existing neighbours, the outside face of the window wall is used.
- 5.24 The APSH method is based on the long-term average of the total number of hours during the year in which direct sunlight reaches the unobstructed ground allowing for average levels of cloudiness.
- 5.25 The sunlight availability indicator is then used to plot what percentage of the annual unobstructed total will reach the window reference point when obstructions and orientation are taken into account.
- 5.26 The BRE guidelines state:

*'In housing, the main requirement for sunlight is in living rooms, where it is valued at any time of day but especially in the afternoon. Sunlight is also required in conservatories. It is viewed as less important in bedrooms and in kitchens, where people prefer it in the morning rather than the afternoon.'*

- 5.27 Paragraphs 3.1.15 and 3.1.16 of the BRE guidelines summarises the following recommendations:

*3.1.15 In general a dwelling, or non-domestic building which has a particular requirement for sunlight, will appear reasonably sunlit provided:*

- *At least one main window wall faces within 90 degrees of due south and*
- *The centre of at least one window to a main living room can receive 25% of annual probable sunlight hours, including at least 5% of annual probable sunlight hours in the winter months between 21 September and 21 March.*

*3.1.16 Where groups of dwellings are planned, site layout design should aim to maximise the number of dwellings with a main living room that meets the above recommendations.*

## Overshadowing

### Sun Hours on Ground

- 5.28 The BRE Guidelines acknowledge that the spaces between buildings have an important impact on their overall appearance and ambience. They state that the availability of sunlight should be checked for all open spaces where it will be required.
- 5.29 The BRE Guidelines state that different spaces will have different sun-lighting requirements and therefore it is difficult to suggest a hard and fast rule for all. They state that the Spring Equinox (21st March) can be selected as an assessment date as it represents average annual conditions.
- 5.30 The default recommendation is that at least half of the amenity area being assessed (i.e. 50% of its area) should receive at least 2 hours of sunlight on 21st March. The BRE Guidelines advise plotting the '2 hours sun contour' onto the amenity area in order to determine this.

## 6. Existing Site and Proposed Development

### Existing Site

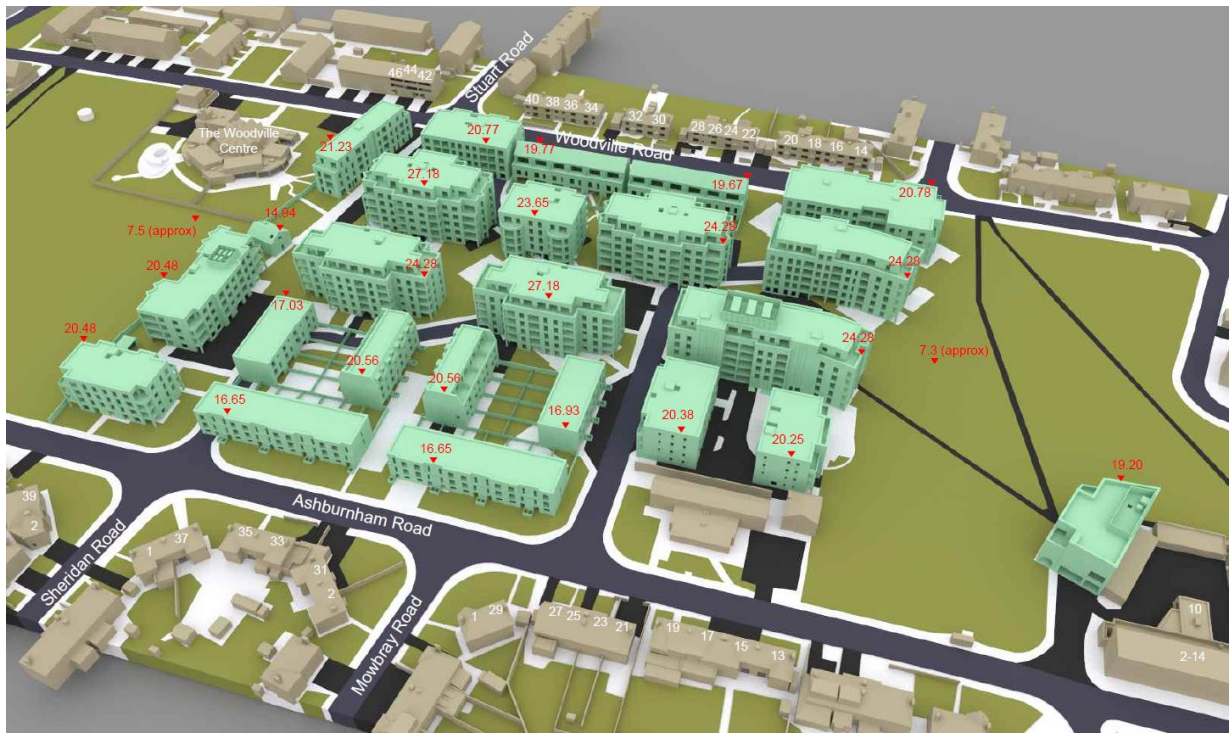
- 6.1 The existing site (the 'Site') is located at Ham Close, Ham, Richmond upon Thames, TW10 7PG and currently consists of a range of buildings of up to 5 storeys in height.
- 6.2 A massing model of the existing Site is illustrated in red on Figure 1 below and drawings Rel 02/01-03, located in Appendix 2.



**Figure 1** – Site Plan of the existing Site, illustrated indicatively in red

### Proposed Development

- 6.3 The proposed development consists of the demolition of existing buildings on-site and phased mixed-use development comprising 452 residential homes (Class C3) up to six storeys; a Community/Leisure Facility (Class F2) of up to 3 storeys in height, a "Makers Lab" (sui generis) of up to 2 storeys together with basement car parking and site wide landscaping ("Proposed Development").
- 6.4 A massing model of the Proposed Development is illustrated in green on Figure 2 below and drawings Rel 02/04 - 06, located in Appendix 2.



**Figure 2** – Site Plan of the Proposed Development, illustrated in green

## 7. Scope of Assessments

### Section 1 - Neighbouring Daylight, Sunlight and Overshadowing

7.1 Following research on the Valuation Office Agency website the following properties have been identified as containing some residential, or proposed to contain residential accommodation, and deemed to require assessment:

- 46 Woodville Road
- 44 Woodville Road
- 42 Woodville Road
- 40 Woodville Road
- 38 Woodville Road
- 36 Woodville Road
- 34 Woodville Road
- 32 Woodville Road
- 30 Woodville Road
- 28 Woodville Road
- 26 Woodville Road
- 24 Woodville Road
- 22 Woodville Road
- 20 Woodville Road
- 18 Woodville Road
- 16 Woodville Road
- 14 Woodville Road
- 13 Ashburnham Road
- 15 Ashburnham Road
- 17 Ashburnham Road
- 19 Ashburnham Road
- 21 Ashburnham Road
- 23 Ashburnham Road
- 25 Ashburnham Road
- 27 Ashburnham Road
- 29 Ashburnham Road
- 1 Mowbray Road
- 2 Mowbray Road
- 31 Ashburnham Road
- 33 Ashburnham Road
- 35 Ashburnham Road
- 37 Ashburnham Road
- 1 Sheridan Road
- 2 Sheridan Road
- 39 Ashburnham Road
- 65-77 Ham Street
- 2-14 Ashburnham Road
- The Woodville Centre

7.2 All of the other surrounding properties are either considered to be of sufficient distance from the Site so as not to require detailed assessment or are of a use that is not considered to have a reasonable expectation of daylight or sunlight to require detailed assessment.

7.3 Overshadowing Assessments have also been undertaken the play space surrounding The Woodville Centre and also the playing fields associated with St. Richard's CE Primary School. All other private or public amenity spaces are either considered to be of sufficient distance from the Proposed Development as to not be affected, or, do not fall within the Proposed Development's shadow path as to require detailed assessment.

### Section 2 - Internal Daylight, Sunlight and Overshadowing

7.4 To understand the likely effects, Average Daylight Factor (ADF), No-Sky Line (NSL) and Annual Probable Sunlight Hours (APSH) assessments have been undertaken to each of the proposed habitable rooms within the residential dwellings (i.e. living rooms, kitchens and bedrooms).

7.5 Detailed sun on ground and transient overshadowing analysis have also been undertaken to the Proposed Amenity Spaces and to the public amenity space to the east of the Site known as Ham Village Green which is located within the Red Line Boundary of the Site.

## 8. Section 1 - Neighbouring Daylight, Sunlight and Overshadowing Results

### Daylight and Sunlight

8.1 In accordance with the 2011 BRE Guidelines, only the neighbouring residential properties have been considered for the daylight and sunlight technical assessment as they are recognised as having a greater requirement for daylight and sunlight than commercial properties (*BRE Guidelines, Page 7, Section 2.2.2*). Any commercial properties in the vicinity, have therefore not been included within our assessments.

8.2 Non-habitable rooms such as bathrooms, WCs, storerooms and circulation spaces (such as hallways) have been discounted from our analysis where identified, as in accordance with the BRE Guidelines (*Page 7, Section 2.2.2*) which state:

*'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.'*

8.3 Please refer to Appendices 4 and 5 for the Daylight and Sunlight analysis tables and associated No Sky-Line contour drawings (*Rel 02 20-30*), upon which this report is based.

8.4 Technical analysis has determined that the following neighbouring properties assessed (listed below and the locations of which are shown in Figure 2 and Appendix 2) will comply with the BRE criterion for daylight (VSC and NSL) and sunlight (APSH), and thus will experience a negligible impact as a result of the Proposed Development:

- 46 Woodville Road
- 44 Woodville Road
- 42 Woodville Road
- 36 Woodville Road
- 34 Woodville Road
- 32 Woodville Road
- 30 Woodville Road
- 28 Woodville Road
- 26 Woodville Road
- 24 Woodville Road
- 22 Woodville Road
- 20 Woodville Road
- 13 Ashburnham Road
- 15 Ashburnham Road
- 17 Ashburnham Road
- 19 Ashburnham Road
- 21 Ashburnham Road
- 23 Ashburnham Road
- 25 Ashburnham Road
- 27 Ashburnham Road
- 29 Ashburnham Road
- 1 Mowbray Road
- 2 Mowbray Road
- 31 Ashburnham Road
- 35 Ashburnham Road
- 37 Ashburnham Road
- 1 Sheridan Road
- 2 Sheridan Road
- 39 Ashburnham Road
- 65-77 Ham Street
- 2-14 Ashburnham Road

- 8.5 The remaining properties also predominantly experience negligible reductions; however there are a few isolated instances which are discussed in further detail below:

### **40 Woodville Road**

- 8.6 This property is located directly to the north of the main Proposed Development and east of Stuart Road and it is understood to contain residential accommodation. Floor plans have not been able to be obtained for this property and therefore our reasonable assumptions as to the layout of the property have been applied. Floor plans are not required for the VSC daylight assessment.
- 8.7 Assessments have therefore been undertaken to 3 site-facing windows, which we understand may serve 3 rooms.

#### **DAYLIGHT**

- 8.8 The VSC results show that each of the site-facing windows will remain in accordance with the BRE guidelines, by either retaining more than 27% VSC or, experiencing a reduction which is within 20% of the existing baseline and considered to be unnoticeable.
- 8.9 In addition to the VSC tests, the daylight distribution results (NSL) show that all rooms, except for 1, will experience small reductions in daylight distribution which are within the BRE guidelines criteria.
- 8.10 The one room which falls short is understood to serve a living room on the ground floor of the property and although it falls short of the BRE guidelines, it retains a daylight distribution to 63% of the room's area which exceeds what is considered to be an acceptable level of daylight distribution for a built area. The overall daylight effects, when using the VSC and NSL tests are therefore not considered material and can be considered acceptable.

#### **SUNLIGHT**

- 8.11 The sunlight results show that each of the assessed rooms will meet the BRE guidelines and continue to receive good levels of sunlight with the Proposed Development in place. The proposals are therefore not considered to cause an unacceptable material deterioration to the levels of sunlight currently enjoyed.

### **38 Woodville Road**

- 8.12 This property is located directly east of 40 Woodville Road and is understood to contain residential accommodation.
- 8.13 Floor plans have been obtained for this property and therefore on the assumption these floor plans are correct, have been applied for the NSL assessment.
- 8.14 Assessments have therefore been undertaken to 3 site-facing windows, which we understand may serve 3 rooms.

#### **DAYLIGHT**

- 8.15 The VSC results show that each of the site-facing windows will remain in accordance with the BRE guidelines, by either retaining more than 27% VSC or, experiencing a reduction which is within 20% of the existing baseline and considered to be unnoticeable.
- 8.16 In addition to the VSC tests, the daylight distribution results (NSL) show that all rooms, except for 1, will experience small reductions in daylight distribution which are within the BRE guidelines criteria.



- 8.17 The one room which falls short is understood to serve a living room on the ground floor of the property and although it falls short of the BRE guidelines, it retains a daylight distribution to 74% of the room's area which exceeds what is considered to be an acceptable level of daylight distribution for a built area, and is only 6% short of the recommended BRE criteria. The overall daylight effects, when using the VSC and NSL tests are therefore not considered material and can be considered acceptable.

### **SUNLIGHT**

- 8.18 The sunlight results show that each of the assessed rooms will meet the BRE guidelines and continue to receive good levels of sunlight with the Proposed Development in place. The proposals are therefore not considered to cause an unacceptable material deterioration to the levels of sunlight currently enjoyed.

## **18 Woodville Road**

- 8.19 This property is located directly to the north of the main Proposed Development and is understood to contain residential accommodation. Floor plans have not been able to be obtained for this property and therefore our reasonable assumptions as to the layout of the property have been applied. Floor plans are not required for the VSC daylight assessment.

- 8.20 Assessments have therefore been undertaken to 5 site-facing windows, which we understand may serve 4 rooms.

### **DAYLIGHT**

- 8.21 The VSC results show that all (100%) of the 5 site-facing windows will remain in accordance with the BRE guidelines.

- 8.22 With regard to the NSL assessment, 3 rooms will meet the BRE guidelines criteria with the remaining 1 room falling below the BRE's target criteria for NSL with a reduction of 25%, in comparison to 20% (which is considered unnoticeable). This room will however continue to enjoy a NSL to over 73% of its room area with the Proposed Development in place and therefore although the reductions are beyond the BRE guidelines, the effect can be considered acceptable.

### **SUNLIGHT**

- 8.23 The sunlight results show that each of the assessed rooms will meet the BRE guidelines and continue to receive good levels of sunlight with the Proposed Development in place. The proposals are therefore not considered to cause an unacceptable material deterioration to the levels of sunlight currently enjoyed.

## **16 Woodville Road**

- 8.24 This property is located directly to the north of the main Proposed Development and is understood to contain residential accommodation. Floor plans have not been able to be obtained for this property and therefore our reasonable assumptions as to the layout of the property have been applied. Floor plans are not required for the VSC daylight assessment.

- 8.25 Assessments have therefore been undertaken to 5 site-facing windows, which we understand may serve 4 rooms.

### **DAYLIGHT**

- 8.26 The VSC results show that 3 of the site-facing windows will remain in accordance with the BRE guidelines.

- 8.27 The remaining 2 windows are understood to each serve the dual aspect living room and the dining room. However, if we were to look at the retained values, both rooms will retain a VSC of at least 24% which exceeds what is considered an acceptable level for a built area and is only 3% short of the BRE guidelines recommended criteria.
- 8.28 With regard to the NSL assessment, 3 rooms will meet the BRE guidelines criteria with the remaining 1 room falling below the BRE's target criteria. This room is understood to serve a dining room on the ground floor of the property and although it falls short of the BRE guidelines, it retains a daylight distribution to 69% of the room's area which exceeds what is considered to be an acceptable level of daylight distribution for a built area. The overall daylight effects, when using the VSC and NSL tests are therefore not considered material and can be considered acceptable.

### **SUNLIGHT**

- 8.29 The sunlight results show that each of the assessed rooms will meet the BRE guidelines and continue to receive good levels of sunlight with the Proposed Development in place. The proposals are therefore not considered to cause an unacceptable material deterioration to the levels of sunlight currently enjoyed.

### **14 Woodville Road**

- 8.30 This property is located directly to the north of the main Proposed Development and is understood to contain residential accommodation. Floor plans have not been able to be obtained for this property and therefore our reasonable assumptions as to the layout of the property have been applied. Floor plans are not required for the VSC daylight assessment.
- 8.31 Assessments have therefore been undertaken to 5 site-facing windows, which we understand may serve 4 rooms.

### **DAYLIGHT**

- 8.32 The VSC results show that 3 of the site-facing windows will remain in accordance with the BRE guidelines.
- 8.33 The remaining 2 windows are understood to each serve the dual aspect living room and the dining room. However, if we were to look at the retained values, both rooms will retain a VSC of at least 24% exceeds what is considered an acceptable level for a built area and is only 3% short of the BRE guidelines recommended criteria.
- 8.34 With regard to the NSL assessment, 3 rooms will meet the BRE guidelines criteria with the remaining 1 room falling below the BRE's target criteria. This room is understood to serve a dining room on the ground floor of the property and although it falls short of the BRE guidelines, it retains a daylight distribution to 59% of the room's area which exceeds what is considered to be an acceptable level of daylight distribution for built area. The overall daylight effects, when using the VSC and NSL tests are therefore not considered material and can be considered acceptable.

### **SUNLIGHT**

- 8.35 The sunlight results show that each of the assessed rooms will meet the BRE guidelines and continue to receive good levels of sunlight with the Proposed Development in place. The proposals are therefore not considered to cause an unacceptable material deterioration to the levels of sunlight currently enjoyed.

### 33 Ashburnham Road

- 8.36 This property is located directly to the south of the main Proposed Development and is understood to contain residential accommodation.
- 8.37 Floor plans have not been obtained for this property and therefore our reasonable assumptions as to the layout of the property have been applied for the NSL assessment.
- 8.38 Analysis has been undertaken against 8 site-facing windows and 4 assumed rooms.

#### DAYLIGHT

- 8.39 The VSC results show that all of the site-facing windows, except for 1, will remain in accordance with the BRE guidelines.
- 8.40 The remaining window is understood to each serve the ground floor dining room. However, this window is the side pane of a bay window and is classed as a secondary window. The BRE guidelines suggest that it is the effect to the main habitable windows that should be given the principal consideration. With regard to bay windows, the BRE guidelines suggest that the centre window facing outwards can be taken as a main window. The main window (W2) to this room meets the BRE guidelines reduction criteria and therefore it can be considered that the effects upon this room can be considered acceptable.
- 8.41 With regard to the NSL assessment, each of the 4 rooms will meet the BRE guidelines criteria. The overall daylight effects, when using the VSC and NSL tests are therefore not considered material and can be considered acceptable.

#### SUNLIGHT

- 8.42 The sunlight results show that each of the assessed rooms will meet the BRE guidelines and continue to receive good levels of sunlight with the Proposed Development in place. The proposals are therefore not considered to cause an unacceptable material deterioration to the levels of sunlight currently enjoyed.

### The Woodville Centre

- 8.43 This property is located west of the Proposed Development and is understood to serve as a day centre for individuals who suffer from dementia. We understand that the property therefore does not contain residential accommodation and instead serves as more of a social centre.
- 8.44 Floor plans have not been obtained for this property, however, some photos obtained from the Woodville Centre's facilities video has allowed us to draw our reasonable assumptions as to the layout of the property.
- 8.45 Analysis has been undertaken against 12 site-facing windows and 10 assumed rooms.

#### DAYLIGHT

- 8.46 The VSC results show that of the 12 of the site-facing windows all, except for 2, will remain in accordance with the BRE guidelines.
- 8.47 The remaining 2 windows are understood to serve one of the main social spaces within The Woodville Centre along with a further 5 windows. However, if we were to look at the retained values, both windows will retain a VSC of at least 25% which is only 2% short of the BRE guidelines recommended criteria. It can therefore be considered that the room as a whole will continue to enjoy good levels of daylight.

- 8.48 With regard to the NSL assessment, each of the 4 rooms will meet the BRE guidelines criteria. The overall daylight effects, when using the VSC and NSL tests are therefore not considered material and can be considered acceptable.

### **SUNLIGHT**

- 8.49 The sunlight results show that each of the assessed rooms will meet the BRE guidelines and continue to receive good levels of sunlight with the Proposed Development in place. The proposals are therefore not considered to cause an unacceptable material deterioration to the levels of sunlight currently enjoyed.

## **Overshadowing**

### **Sun Hours on Ground**

- 8.50 With the Development in place the 21st March 2-Hour Sun Hours on Ground assessments show that both areas of amenity space (the play space/outdoor space surrounding The Woodville Centre and the playing fields associated with St. Richard's CE Primary School), will not be impacted by the Development and will remain well sunlit for a built area, as over half of each amenity space will receive at least two hours of sunlight on the 21st March.
- 8.51 In conclusion, the overall effect of the Proposed Development on the tested amenity spaces is considered negligible.

### **Transient Overshadowing**

- 8.52 Transient overshadowing analysis has been run to assess the instances and duration of any additional shadow caused by the Proposed Development on the grounds of existing public amenity spaces.
- 8.53 Having plotted the shadows, shadows will cause minimal impacts during the year, with the only additional shadowing in March being cast over the play space and playing fields between 7:00am and 11:00am. In June this reduces to 6:00am and 9:00am.
- 8.54 Therefore, the effect of the Proposed Development in terms of overshadowing to the existing public amenity spaces throughout the year is therefore considered to be negligible.

## 9. Section 2 - Internal Daylight, Sunlight and Overshadowing Results

### Average Daylight Factor and Daylight Distribution Results

- 9.1 In the case of the Proposed Development, some of the proposed units feature open plan living/kitchen/dining rooms ('LKD's') where some of the kitchens/food preparation areas are located at the rear of deep open plan spaces. In many cases the kitchen areas are clearly intended to be predominantly artificially lit with electric lighting given their distance to a main or supplementary window.
- 9.2 In addition to the above, paragraph 2.1.14 of the BRE Guidelines states in respect of internal galley type kitchens that if these are not directly day-lit they should be directly linked to a well day-lit living room.
- 9.3 As such where the proposed floor plans indicate galley type kitchen areas to the rear of multi-use living/kitchen/dining ('LKD') rooms with less natural light due to the distance from windows, we have run assessments against both a 2% and 1.5% ADF target value, as a means of estimating the quantum of daylight in the front portion of the rooms (i.e. living/dining area).
- 9.4 A tabular set of ADF and NSL results for all the habitable rooms, as well as the floor plans showing the results are given at Appendices 9 and 10.
- 9.5 A summary of the ADF test results is given below. In total all 1335 habitable rooms were assessed, regardless of orientation:

Property	Number of Rooms Tested	Rooms satisfying BRE		Rooms not satisfying BRE
		No.	%	
Block A	52	47	90%	5
Block B	59	57	97%	2
Block C	111	100	90%	11
Block D	61	40	66%	21
Block E	97	80	82%	17
Block F	24	24	100%	0
Block G	42	42	100%	0
Block H	32	32	100%	0
Block I	97	82	85%	15
Block J	32	32	100%	0
Block K	42	40	95%	2
Block L	24	24	100%	0
Block M	130	106	82%	24
Block N	40	29	73%	11
Block O	35	27	77%	8
Block P	30	25	83%	5
Block Q	30	24	80%	6
Block R	52	31	60%	21
Block S	112	100	89%	12
Block TU	90	68	76%	22

Block V	101	91	90%	10
Block W	42	39	93%	3
<b>Total</b>	<b>1335</b>	<b>1140</b>	<b>85%</b>	<b>195</b>

- 9.6 Across all the proposed blocks, **85%** of the 1335 habitable rooms will enjoy good levels of daylight in accordance with BRE target criteria, when using the target criteria of 2% for a Living/Kitchen/Dining room and 1% ADF criteria for bedrooms.
- 9.7 If a lower 1.5% ADF target were applied (i.e. the minimum recommended ADF for a living room) to all LKD's and 1% ADF to bedrooms as an alternative target criteria, **90%** of rooms will meet the alternative criteria.
- 9.8 The NSL results show that approximately 80% of all rooms will achieve daylight distribution to 80%+ of the room areas in accordance with the BRE guidelines. This increases to 94% of all rooms if an alternative daylight distribution of 50%+ is applied, with the majority of the front portion of these rooms (i.e. the living/dining areas) achieving good levels of daylight distribution.
- 9.9 Those rooms that do not meet the suggested ADF and NSL criteria are generally influenced by projecting balconies overhead which restrict the quantum of direct daylight penetrating deep into the LKD rooms. However, these balconies do provide future occupants with high levels of external daylight amenity.
- 9.10 Therefore, there is a trade-off between achieving good levels of internal daylight amenity to all areas of proposed rooms and the provision of external private amenity spaces (balconies), which provide easy access to high levels of external daylight, and in most cases sunlight amenity.
- 9.11 These results represent a very high overall level of compliance, which is better than or broadly comparable to schemes of a similar typology across London.
- 9.12 On a block by block basis the daylight results are as follows:

#### **Block A**

- 9.13 Of the 52 rooms relevant for assessment, 90% (47) will meet the following criteria:
- All 24 (100%) bedrooms assessed will achieve an ADF target of 1%+;
  - All 14 (100%) LDs and Living Rooms assessed will achieve an ADF target of 1.5%+;
  - 9 (64%) of the 14 LKDs and Studios assessed will achieve an ADF target of 2%+.
- 9.14 The NSL assessment demonstrates that 96% (50 out of 52) of the rooms assessed will achieve over 80% daylight distribution; whilst 100% (52) of the rooms will achieve over 50%+ daylight distribution.

#### **Block B**

- 9.15 Of the 59 rooms relevant for assessment, 97% (57) will meet the following criteria:
- All 37 (100%) bedrooms assessed will achieve an ADF target of 1%+;
  - All (1) LDs (100%) assessed will achieve an ADF target of 1.5%+;

- 19 (90%) of the 21 LKDs assessed will achieve an ADF target of 2%+.

9.16 The NSL assessment demonstrates that 97% (57 out of 59) of the rooms assessed will achieve over 80% daylight distribution; whilst 98% (58) of the rooms will achieve over 50%+ daylight distribution.

### **Block C**

9.17 Of the 111 rooms relevant for assessment, 90% (100) will meet the following criteria:

- 67 (99%) of the 68 bedrooms assessed will achieve an ADF target of 1%+;
- All 2 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;
- 31 (76%) of the 41 LKDs assessed will achieve an ADF target of 2%+.

9.18 The NSL assessment demonstrates that 78% (87 out of 111) of the rooms assessed will achieve over 80% daylight distribution; whilst 95% (105) of the rooms will achieve over 50%+ daylight distribution.

### **Block D**

9.19 Of the 61 rooms relevant for assessment, 66% (40) will meet the following criteria:

- 18 (56%) of the 32 bedrooms assessed will achieve an ADF target of 1%+;
- All 8 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;
- 14 (67%) of the 21 LKDs assessed will achieve an ADF target of 2%+.

9.20 The NSL assessment demonstrates that 64% (39 out of 61) of the rooms assessed will achieve over 80% daylight distribution; whilst 74% (45) of the rooms will achieve over 50%+ daylight distribution.

### **Block E**

9.21 Of the 97 rooms relevant for assessment, 82% (80) will meet the following criteria:

- All 59 (100%) of the bedrooms assessed will achieve an ADF target of 1%+;
- 21 (55%) of the 38 LKDs assessed will achieve an ADF target of 2%+.

9.22 The NSL assessment demonstrates that 82% (80 out of 97) of the rooms assessed will achieve over 80% daylight distribution; whilst 99% (96) of the rooms will achieve over 50%+ daylight distribution.

### **Block F**

9.23 Of the 24 rooms relevant for assessment, 100% (24) will meet the following criteria:

- All 16 (100%) of the bedrooms assessed will achieve an ADF target of 1%+;
- All 4 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;

- All 4 (100%) LKDs assessed will achieve an ADF target of 2%+.

9.24 The NSL assessment demonstrates that 83% (20 out of 24) of the rooms assessed will achieve over 80% daylight distribution; whilst 100% (24) of the rooms will achieve over 50%+ daylight distribution.

### **Block G**

9.25 Of the 42 rooms relevant for assessment, 100% (42) will meet the following criteria:

- All 28 (100%) of the bedrooms assessed will achieve an ADF target of 1%+;
- All 7 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;
- All 7 (100%) LKDs assessed will achieve an ADF target of 2%+.

9.26 The NSL assessment demonstrates that 95% (40 out of 42) of the rooms assessed will achieve over 80% daylight distribution; whilst 100% (42) of the rooms will achieve over 50%+ daylight distribution.

### **Block H**

9.27 Of the 32 rooms relevant for assessment, 100% (32) will meet the following criteria:

- All 20 (100%) of the bedrooms assessed will achieve an ADF target of 1%+;
- All 8 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;
- All 8 (100%) LKDs assessed will achieve an ADF target of 2%+.

9.28 The NSL assessment demonstrates that 63% (20 out of 32) of the rooms assessed will achieve over 80% daylight distribution; whilst 94% (30) of the rooms will achieve over 50%+ daylight distribution.

### **Block I**

9.29 Of the 97 rooms relevant for assessment, 85% (82) will meet the following criteria:

- All 59 (100%) of the bedrooms assessed will achieve an ADF target of 1%+;
- All 2 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;
- 23 (61%) of the 38 LKDs assessed will achieve an ADF target of 2%+.

9.30 The NSL assessment demonstrates that 90% (87 out of 97) of the rooms assessed will achieve over 80% daylight distribution; whilst 99% (97) of the rooms will achieve over 50%+ daylight distribution.

### **Block J**

9.31 Of the 32 rooms relevant for assessment, 100% (32) will meet the following criteria:

- All 20 (100%) of the bedrooms assessed will achieve an ADF target of 1%+;



- All 8 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;
- All 4 (100%) LKDs assessed will achieve an ADF target of 2%+.

9.32 The NSL assessment demonstrates that 63% (20 out of 32) of the rooms assessed will achieve over 80% daylight distribution; whilst 94% (30) of the rooms will achieve over 50%+ daylight distribution.

### **Block K**

9.33 Of the 42 rooms relevant for assessment, 95% (40) will meet the following criteria:

- All 28 (100%) of the bedrooms assessed will achieve an ADF target of 1%+;
- All 7 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;
- 5 (71%) of the 7 LKDs assessed will achieve an ADF target of 2%+.

9.34 The NSL assessment demonstrates that 95% (40 out of 42) of the rooms assessed will achieve over 80% daylight distribution; whilst 100% (42) of the rooms will achieve over 50%+ daylight distribution.

### **Block L**

9.35 Of the 24 rooms relevant for assessment, 100% (24) will meet the following criteria:

- All 16 (100%) of the bedrooms assessed will achieve an ADF target of 1%+;
- All 4 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;
- All 4 (100%) LKDs assessed will achieve an ADF target of 2%+.

9.36 The NSL assessment demonstrates that 79% (19 out of 24) of the rooms assessed will achieve over 80% daylight distribution; whilst 100% (24) of the rooms will achieve over 50%+ daylight distribution.

### **Block M**

9.37 Of the 130 rooms relevant for assessment, 82% (106) will meet the following criteria:

- 61 (88%) of the 68 bedrooms assessed will achieve an ADF target of 1%+;
- All 9 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;
- 36 (69%) of the 52 LKDs assessed will achieve an ADF target of 2%+.

9.38 The NSL assessment demonstrates that 82% (106 out of 130) of the rooms assessed will achieve over 80% daylight distribution; whilst 96% (125) of the rooms will achieve over 50%+ daylight distribution.

### **Block N**

9.39 Of the 40 rooms relevant for assessment, 73% (29) will meet the following criteria:

- 14 (78%) of the 18 bedrooms assessed will achieve an ADF target of 1%+;
- 1 (25%) of the 4 LDs assessed will achieve an ADF target of 1.5%+;
- 14 (78%) of the 18 LKDs assessed will achieve an ADF target of 2%+.

9.40 The NSL assessment demonstrates that 78% (31 out of 40) of the rooms assessed will achieve over 80% daylight distribution; whilst 98% (39) of the rooms will achieve over 50%+ daylight distribution.

#### **Block O**

9.41 Of the 35 rooms relevant for assessment, 77% (27) will meet the following criteria:

- 19 (95%) of the 20 bedrooms assessed will achieve an ADF target of 1%+;
- All 3 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;
- 5 (42%) of the 12 LKDs assessed will achieve an ADF target of 2%+, however, this increases to 100% when an ADF target of 1.5%+ is applied.

9.42 The NSL assessment demonstrates that 89% (31 out of 35) of the rooms assessed will achieve over 80% daylight distribution; whilst 97 (34) of the rooms will achieve over 50%+ daylight distribution.

#### **Block P**

9.43 Of the 30 rooms relevant for assessment, 83% (25) will meet the following criteria:

- 19 (79%) of the 24 bedrooms assessed will achieve an ADF target of 1%+;
- All 6 (100%) of the LKDs assessed will achieve an ADF target of 2%+.

9.44 The NSL assessment demonstrates that 70% (21 out of 30) of the rooms assessed will achieve over 80% daylight distribution; whilst 97% (29) of the rooms will achieve over 50%+ daylight distribution.

#### **Block Q**

9.45 Of the 30 rooms relevant for assessment, 80% (24) will meet the following criteria:

- 18 (75%) of the 24 bedrooms assessed will achieve an ADF target of 1%+;
- All 6 (100%) LKDs assessed will achieve an ADF target of 2%+.

9.46 The NSL assessment demonstrates that 47% (14 out of 30) of the rooms assessed will achieve over 80% daylight distribution; whilst 73% (22) of the rooms will achieve over 50%+ daylight distribution.

#### **Block R**

9.47 Of the 52 rooms relevant for assessment, 60% (31) will meet the following criteria:

- 24 (75%) of the 32 bedrooms assessed will achieve an ADF target of 1%+;
- 7 (35%) of the 20 LKDs assessed will achieve an ADF target of 2%+, however, this increases to 100% when an ADF target of 1.5%+ is applied.

9.48 The NSL assessment demonstrates that 65% (34 out of 52) of the rooms assessed will achieve over 80% daylight distribution; whilst 92% (48) of the rooms will achieve over 50%+ daylight distribution.

#### **Block S**

9.49 Of the 112 rooms relevant for assessment, 89% (100) will meet the following criteria:

- All 69 (100%) of the bedrooms assessed will achieve an ADF target of 1%+; 2 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;
- 31 (72%) of the 43 LKDs assessed will achieve an ADF target of 2%+, however, this increases to 100% when an ADF target of 1.5%+ is applied.

9.50 The NSL assessment demonstrates that 91% (102 out of 112) of the rooms assessed will achieve over 80% daylight distribution; whilst 100% (112) of the rooms will achieve over 50%+ daylight distribution.

#### **Block TU**

9.51 Of the 90 rooms relevant for assessment, 76% (68) will meet the following criteria:

- 43 (81%) of the 53 bedrooms assessed will achieve an ADF target of 1%+;
- The 1 LD assessed will not achieve an ADF target of 1.5%+ (0%);
- 25 (69%) of the 36 LKDs assessed will achieve an ADF target of 2%+, however, this increases to 100% when an ADF target of 1.5%+ is applied.

9.52 The NSL assessment demonstrates that 64% (58 out of 90) of the rooms assessed will achieve over 80% daylight distribution; whilst 78% (70) of the rooms will achieve over 50%+ daylight distribution.

#### **Block V**

9.53 Of the 101 rooms relevant for assessment, 90% (91) will meet the following criteria:

- 46 (84%) of the 55 bedrooms assessed will achieve an ADF target of 1%+;
- All 4 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;
- 41 (98%) of the 42 LKDs assessed will achieve an ADF target of 2%+, however, this increases to 100% when an ADF target of 1.5%+ is applied.

9.54 The NSL assessment demonstrates that 82% (83 out of 101) of the rooms assessed will achieve over 80% daylight distribution; whilst 95% (96) of the rooms will achieve over 50%+ daylight distribution.

### **Block W**

9.55 Of the 42 rooms relevant for assessment, 93% (39) will meet the following criteria:

- All 20 (100%) of the bedrooms assessed will achieve an ADF target of 1%+;
- All 9 (100%) of the LDs assessed will achieve an ADF target of 1.5%+;
- 10 (77%) of the 13 LKDs assessed will achieve an ADF target of 2%+, however, this increases to 100% when an ADF target of 1.5%+ is applied.

9.56 The NSL assessment demonstrates that 79% (33 out of 42) of the rooms assessed will achieve over 80% daylight distribution; whilst 100% (42) of the rooms will achieve over 50%+ daylight distribution.

## **Annual Probable Sunlight Hours – Sunlight**

9.57 Requirements for the provision of sunlight to new residential buildings are set out in Part 3.1 of the BRE guidelines.

9.58 Sunlight is considered important for living rooms and conservatories but is generally viewed as less important in bedrooms and in kitchens.

9.59 The BRE guidelines accept site layout (i.e. orientation and overshadowing) as the most important factor affecting the duration of sunlight in buildings and it is appreciated that a site's existing layout and other design constraints may impose orientation or sunlight constraints which may not be possible to overcome.

9.60 Paragraph 3.1.6 of the BRE guidelines states:

*'A south-facing window will, in general, receive most sunlight, while a north facing one will only receive it on a handful of occasions (early morning and late in summer). East and west facing windows will receive sunlight only at certain times of the day.'*

9.61 Access to sunlight can be quantified for the interior of rooms and is based on the Annual Probable Sunlight Hours (APSH) method of assessment. The BRE Guidelines state:

*'BS 8206-2 recommends that interiors where the occupants expect sunlight should receive at least one quarter (25%) of APSH, including in the winter months between 21 September and 21 March at least 5% of APSH.'*

9.62 The BRE Guidelines also note that the above criterion is intended to give good access to sunlight, but that in special circumstances the planning authority may wish to choose a different value.

9.63 It is often not possible to achieve the 25% Annual and 5% Winter sunlight tests when assessing schemes in denser apartment blocks over three/four floors located near similarly sized blocks, particularly where a provision of private external amenity (i.e. balconies) is required. Balconies reduce the view of the sky dome/sun from the rear face of the window being assessed (i.e. the point of calculation under the BRE Guidelines).

- 9.64 In the case of the Proposed Development, the principal boundaries of the Site are orientated north-east, north-west, south-east and south-west. The elevations facing south-east and south-west therefore, have the ability to enjoy good levels of sunlight in accordance with the BRE guidelines, whilst the north-east and north-west elevations are expected to receive lower levels of sunlight.
- 9.65 Technical analysis indicates that of the 1066 windows orientated within 90 degrees of due south that are relevant for assessment, 808 windows (**76%**) will meet the recommended criteria for winter sunlight and 709 (**67%**) for total sunlight.
- 9.66 In consideration of the above, whilst there will be windows that fall below the recommended criteria for sunlight, these windows mainly serve less sensitive bedrooms; or are influenced by their north/west/east orientation and/or the presence of overhanging balconies, both of which restrict their access to available sunlight hours.
- 9.67 In our opinion and in consideration of the above, this represents an acceptable level of sunlight performance to proposed windows and is broadly comparable to schemes of a similar typology across London.

## **Overshadowing**

### **Sun Hours on Ground to Communal Areas**

- 9.68 The BRE guidelines suggest that for a garden or amenity area to appear adequately sunlit throughout the year, at least half (50%) of the area should receive two or more hours of direct sunlight on 21st March.
- 9.69 The Spring Equinox, 21st March date is chosen as it represents average annual conditions, therefore sunlight amenity within the amenity area is expected to increase after this point, to a maximum on the summer solstice (21st June).
- 9.70 Using specialist software, the path of the sun is tracked at one-minute intervals to establish where sunlight falls on the ground and where it is prevented from doing so as a result of surrounding obstructions.
- 9.71 The results of our assessments show that all proposed amenity areas, except for 1 (30 of the 31 areas) will meet the BRE guidelines by achieving 2 hours of sun on ground to over 50% of the assessed area on 21<sup>st</sup> March, thereby comfortably meeting the BRE target criteria. In addition, the public amenity space known as Ham Village Green which is located within the red line boundary of the Site will also meet the BRE guidelines.
- 9.72 The one space which falls short is labelled as Area 42 within Appendix 10 and achieves 2 hours sun on ground to 39% of the area on 21<sup>st</sup> March. However, in the summer months, this increases to 89%.
- 9.73 It can therefore be concluded that each resident throughout the Site will have access to a well sunlit amenity space in accordance with the BRE guidelines.

### **Sun Hours on Ground to Private Gardens**

- 9.74 The provision of a private garden is an additional beneficial amenity and the BRE guidelines recommend to purely focus on proposed communal amenity spaces, as not all residents have access to a private garden and so it is important to ensure that all residents have access to a well sunlit space. However,

for completeness we have undertaken sun hours on ground assessments to the 42 private gardens that are proposed.

- 9.75 The results of the assessments show that of those gardens that are orientated within 90 degrees of due south (13), 12 will enjoy at least 2 hours of sun on ground to over 50% of their garden's area. The one which falls short, labelled area 12 within Appendix 10, only does so by 2%, and enjoys 2 hours of sun on ground to 48% of its area.
- 9.76 The gardens which are orientated within 90 degrees of due north (29 gardens) fall short of the BRE guidelines, however this is as expected and as the gardens are private, it is up to the future occupier as to whether they are happy with a north facing garden or not. It can however be said that each of these gardens will enjoy very good levels of sunlight in the summer months, when the gardens are more likely to be used.
- 9.77 It can therefore be concluded that each resident throughout the Site will have access to a reasonably sunlit amenity space.

## 10. Conclusion

- 10.1 Section 1 of this report considered the potential daylight and sunlight effects that may occur to the surrounding (neighbouring) residential properties as a result of the Proposed Development.
- 10.2 Section 2 of this report considered the potential levels of daylight and sunlight that will be enjoyed within the Proposed Development and the potential overshadowing to the proposed amenity spaces.

### **Section 1 – Neighbouring Daylight, Sunlight and Overshadowing Effects**

- 10.3 The results of the technical analysis show that any daylight or sunlight reductions to the surrounding residential properties are generally within the BRE guidelines, with 96% VSC (Vertical Sky Component) compliance; 95% NSL (No-Sky line) compliance; and 100% APSH (Annual Probable Sunlight Hour) compliance.
- 10.4 Analysis found that 6 main windows (located within 14 Woodville Road, 16 Woodville Road and The Woodville Centre) experience a VSC reduction beyond the BRE guidelines (*i.e. less than 27% VSC retained, and a reduction of greater than 20% its existing VSC value*).
- 10.5 An additional window within 33 Ashburnham Road also falls short of the BRE guidelines, however, this window is the side pane of a bay window and is classed as a secondary window. The BRE guidelines suggest that it is the effect to the main habitable windows that should be given the principal consideration. With regard to bay windows, the BRE guidelines suggest that the centre window facing outwards can be taken as a main window. The main window to this room meets the BRE guidelines for both the reduction and retained criterion and therefore it can be considered that the effects upon this room can be considered acceptable.
- 10.6 The 4 main windows within 14 and 16 Woodville Road will experience a minor derogation from the BRE guidelines, whereby the reductions exceed the criteria by a maximum of 2.34%, which in our opinion equates to a minor adverse change.
- 10.7 The 2 main windows within The Woodville Centre are understood to serve one of the main social spaces within The Woodville Centre along with a further 5 windows. The results for these two windows however show each will experience a minor derogation from the BRE guidelines, yet both will retain a VSC of at least 25% which is only 2% short of the BRE guidelines recommended criteria. It can therefore be considered that the room as a whole will continue to enjoy good levels of daylight.
- 10.8 With regard to the daylight distribution (NSL) assessments, 5 rooms will experience reductions beyond the BRE guidelines (within 14, 16, 18, 38 and 40 Woodville Road). The BRE guidelines suggest that a room should enjoy good levels of daylight distribution if 80% of the working plane is in front of the No-Sky Line (NSL). However, for built areas, and in our experience, this is often not achieved. It is our view that for built areas that a target of 50% is reasonable. Each of these 5 rooms will continue to enjoy a NSL to over 59% of their room area with the Proposed Development in place and therefore although the reductions are beyond the BRE guidelines, the remaining NSL is considered acceptable for built areas.
- 10.9 The sunlight (APSH) results show each window within the neighbouring properties that is orientated within 90 degrees of due south will continue to either enjoy very good levels of sunlight in accordance with the BRE guidelines or will experience a small reduction which is unnoticeable in accordance with the BRE guidelines.

- 10.10 The overshadowing results show that with the Proposed Development in place, both the playing fields associated with St. Richard's CE Primary school and the play space surrounding The Woodville Centre should continue to enjoy good levels of direct sunlight, in accordance with the BRE guidelines.

## **Section 2 – Proposed Daylight, Sunlight and Overshadowing Levels**

- 10.11 The results of these assessments show that across all proposed blocks 85% of habitable residential rooms will levels of daylight which accord with the BRE Guidelines recommendations. In addition, the NSL assessment results show that across all proposed blocks 87% of habitable residential rooms will be in line with the BRE Guidelines recommendations. In our opinion, this is considered a very good level of compliance for a proposed scheme of this size and typology.
- 10.12 The APSH results show 76% of windows orientated within 90 degrees of due south will meet the BRE criteria for winter sunlight, and 67% of windows will meet the BRE criteria for total (annual) sunlight.
- 10.13 With regard to overshadowing (or 'sun hours on ground'), the results of our assessments show that all proposed communal amenity areas, except for 1 (30 of the 31 areas) will meet the BRE guidelines by achieving 2 hours of sun on ground to over 50% of the assessed area on 21<sup>st</sup> March, thereby comfortably meeting the BRE target criteria. In addition, the public amenity space known as Ham Village Green which is located within the red line boundary of the Site will also meet the BRE guidelines.
- 10.14 The one space which falls short is labelled as Area 42 within Appendix 10 and achieves 2 hours sun on ground to 39% of the area on 21<sup>st</sup> March. However, in the summer months, this increases to 89%.
- 10.15 The provision of a private garden is an additional beneficial amenity and the BRE guidelines recommend to focus on proposed communal amenity spaces, as not all residents have access to a private garden and so it is important to ensure that all residents have access to a well sunlit space. However, for completeness we have undertaken sun hours on ground assessments to the 42 private gardens that are proposed.
- 10.16 The results of the assessments show that of those gardens that are orientated within 90 degrees of due south the vast majority will enjoy at least 2 hours of sun on ground to over 50% of their garden's area. The one which falls short, labelled area 12 within Appendix 10, only does so by 2%, and enjoys 2 hours of sun on ground to 48% of it's area.
- 10.17 The gardens which are orientated within 90 degrees of due north (29 gardens) fall short of the BRE guidelines, however this is as expected and as the gardens are private, it is up to the future occupier as to whether they are happy with a north facing garden or not. It can however be said that each of these gardens will enjoy very good levels of sunlight in the summer months, when the gardens are more likely to be used.
- 10.18 It can therefore be concluded that each resident throughout the Site will have access to a well sunlit amenity space, in addition to their private garden.
- 10.19 In consideration of the above, it is our professional opinion that the Proposed Development is entirely acceptable in terms of daylight, sunlight, and overshadowing, despite a very small number of isolated transgressions, which are not uncommon when increasing development levels on an existing site of this nature.



# Appendix 1

## Daylight & Sunlight Principles

## Daylight & Sunlight Principles

The BRE Guidelines – Site Layout Planning for Daylight and Sunlight: A Guide to Good Practice are well established and are adopted by most Local Authorities as the appropriate scientific and empirical methods of measuring daylight and sunlight in order to provide objective data upon which to apply their planning policies. The Guidelines are not fixed standards but should be applied flexibly to take account of the specific circumstances of each case.

The Introduction of the Guidelines states:

*"The guide is intended for building designers and their clients, consultants and planning officials. The advice given here is not mandatory and this document should not be seen as an instrument of planning policy. Its aim is to help rather than constrain the developer. Although it gives numerical guidelines, these should be interpreted flexibly because natural lighting is only one of the many factors in site layout design."*

The 'flexibility' recommended in the Guidelines should reflect the specific characteristics of each case being considered. For example, as the numerical targets within the Guidelines have been derived on the basis of a low density suburban housing model, it is entirely appropriate to apply a more flexible approach when dealing with higher rise developments in a denser urban environment where the general scale of development is greater. In addition, where existing and proposed buildings have specific design features such as projecting balconies, deep recesses, bay windows etc., it is also equally valid to apply a degree of flexibility to take account of the effect of these particular design features. This does not mean that the recommendations and targets within the Guidelines can be disregarded but, instead, the 'flexibility' that should be applied should be founded on sound scientific principles that can be supported and justified. This requires a certain level of professional value judgement and experience.

### Daylighting

In respect of daylighting, the BRE Guidelines adopt different methods of measurement depending on whether the assessment is for the impact on existing neighbouring premises or for measuring the adequacy of proposed new dwellings. For safeguarding the daylight received by existing neighbouring residential buildings around a proposed development, the relevant recommendations are set out in Section 2.2 of the Guidelines.

The adequacy of daylight received by existing neighbouring dwellings is measured using two methods of measurement. First, it is necessary to measure the Vertical Sky Component (VSC) followed by the measurement of internal Daylight Distribution by plotting the position of the 'existing' and 'proposed' no sky line contour.

VSC is measured at the mid-point on the external face of the window serving a habitable room. For the purpose of the Guidelines, a "habitable" room is defined as a Kitchen, Living Room or Bedroom. Bathrooms, hallways and circulation space are excluded from this definition. In addition, many Local Authorities make a further distinction in respect of small kitchens. Where the internal area of a small kitchen limits the use to food preparation and is not of sufficient size to accommodate some other form of "habitable" use such as dining, the kitchen need not be classed as a "habitable" room in its own right.

VSC is a 'spot' measurement taken on the face of the window and is a measure of the availability of light from the sky from over the "existing" and "proposed" obstruction caused by buildings or structures in front of the window. As it is measured on the outside face of the window, one of the inevitable shortcomings is that it does not take account of the size of the window or the size or use of the room served by the window. For this reason, the BRE Guidelines require internal Daylight Distribution to be measured in addition to VSC.

The 'No Sky Line' contour plotted for the purpose of measuring internal Daylight Distribution identifies those areas within the room usually measured on a horizontal working plane set at table top level, where there is direct sky visibility. This therefore represents those parts within the room where the sky can be seen through the window. This second measure therefore takes account of the size of the window and the size of the room but is only more reliable than VSC when the actual room uses, layouts and dimensions are known. When interpreted in conjunction with the VSC value, the likely internal lighting conditions, and hence the quality of lighting within the room, can be assessed.

For VSC, the Guidelines states that:

*"If this Vertical Sky Component is greater than 27% then enough skylight should still be reaching the window of the existing building. Any reduction below this level should be kept to a minimum. If the Vertical Sky Component with the new development in place is both less than 27% and less than 0.8 times its former value, then the occupants of the existing building will notice the reduction in the amount of skylight."*

To put this in context, the maximum VSC value that can be received for a totally unobstructed vertical window is 40%. There are however circumstances where the VSC value is already below 27%. In such circumstances, it is permissible to reduce the existing VSC value by a factor of 0.2 (i.e. 20%) so that the value on the 'proposed' conditions remains more than 0.8 times its former value. The scientific reasoning for this permissible margin of reduction is that existing daylight (and sunlight) levels can be reduced by a factor of 20% before the loss becomes materially noticeable. This factor of reduction applies to VSC, daylight distribution, sunlight and overshadowing.

By contrast, the adequacy of daylight for proposed 'New-Build' dwellings is measured using the standards in the British Standard Code of Practice for Daylighting, BS8206 Part 2.

The British Standard relies upon the use of Average Daylight Factors (ADF) rather than VSC and Daylight Distribution. The use of ADF is referred to in the BRE Guidelines (Appendix C) but its use is usually limited as a supplementary 'check' of internal lighting conditions once the VSC and Daylight Distribution tests have been completed.

ADF is sometimes seen as a more accurate and representative measure of internal lighting conditions as it comprises a greater number of design factors and input variables/coefficients. That is, the value of ADF is derived from:

- The actual amount of daylight received by the window(s) serving the room expressed as the "angle of visible sky" which is derived from the VSC value and therefore represents the amount of light striking the face of the window.
- The loss of transmittance through the glazing.
- The size of the window (net area of glazing).
- The size of the room served by the window(s) (net internal surface area of the room).
- The internal reflectance values of the internal finishes within the room.
- The specific use of the room.

One of the main reasons why ADF is more appropriate for New-Build dwellings is that any of the above input variables can be changed during the course of the design process in order to achieve the required internal lighting values. The ability to make such changes is not usually available when dealing with existing neighbouring buildings.

Unlike the application of VSC and daylight distribution, the British Standard differentiates between different room uses. It places the highest ADF standard on Family Kitchens where the minimum target value is 2% df. Living Rooms should achieve 1.5% df, and Bedrooms 1.0% df.

## **Sunlighting**

The requirements for protecting sunlight to existing residential buildings are set out in section 3.2 of the BRE Guidelines.

The availability of sunlight varies throughout the year with the maximum amount of sunlight being available on the summer solstice and the minimum on the winter solstice. In view of this, the internationally accepted test date for measuring sunlight is the spring equinox (21 March), on which day the United Kingdom has equal periods of daylight and darkness and sunlight is available from approximately 08:30hrs to 17:30hrs. In addition, on that date, sunlight received perpendicular to the face of a window would only be received where that window faces within 90° of due south. The BRE Guidelines therefore limit the extent of testing for sunlight where a window faces within 90° of due south.

The sunlight standards are normally applied to the principal Living Room within each dwelling rather than to kitchens and bedrooms.

The recommendation for sunlight is:

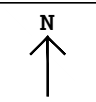
*"If this window reference point can receive more than one quarter of annual probable sunlight hours, including at least 5% of annual probable sunlight hours during the winter months of 21 September and 21 March, then the room should still receive enough sunlight .*

*Any reduction in sunlight access below this level should be kept to a minimum. If the availability of sunlight hours are both less than the amounts given and less than 0.8 times their former value, either over the whole year or just during the winter months, then the occupants of the existing building will notice the loss of sunlight."*

A good level of sunlight will therefore be achieved where a window achieves more than 25% APSH, of which 5% should be in the winter months. Where sunlight levels fall below this suggested recommendation, a comparison with the existing condition should be undertaken and if the reduction ratio is less than 0.2, i.e. the window continues to receive more than 0.8 times its existing sunlight levels, the impact on sunlight will be acceptable.

# Appendix 2

## Existing Site Plan and 3D Views



<b>Key:</b> Existing Proposed Consented Surrounding Context	<b>Sources of information</b> <b>Existing building</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER		<b>Surrounding buildings</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER		<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model		<b>Project Name</b> Ham Close, Richmond		<b>Drawn By</b> MF		<b>Scale @ A3</b> -		<b>Date</b> March 2022		 65 Gresham Street, London, EC2V 7NQ 08449 02 03 04 www.avisonyoung.co.uk
	<b>Drawing Title</b> Plan view		<b>Project No.</b> HA167_22		<b>Drawing No.</b> Rel 02/01		<b>Revision</b> -								



<b>Key:</b> Existing Proposed Consented Surrounding Context	<b>Sources of information</b> <b>Existing building</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Surrounding buildings</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model	<b>Project Name</b> Ham Close, Richmond	<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022	 65 Gresham Street, London, EC2V 7NQ 08449 02 03 04 www.avisonyoung.co.uk
				<b>Drawing Title</b> 3D view Existing scenario	<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/02	<b>Revision</b> -	

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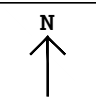








<b>Key:</b> Existing Proposed Consented Surrounding Context	<b>Sources of information</b> <b>Existing building</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER			<b>Surrounding buildings</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER			<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model			<b>Project Name</b> Ham Close, Richmond			<b>Drawn By</b> MF			<b>Scale @ A3</b> -			<b>Date</b> March 2022		
	<b>Drawing Title</b> 3D view									<b>Project No.</b> HA167_22			<b>Drawing No.</b> Rel 02/03			<b>Revision</b> -					
	<b>Existing scenario</b>																				
												65 Gresham Street, London, EC2V 7NQ 08449 02 03 04 www.avisonyoung.co.uk									

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# Proposed Site Plan and 3D Views



**Key:**

	Existing
	Proposed
	Consented
	Surrounding Context

Sources of information			
<p><b>Existing building</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Surrounding buildings</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>	

<b>Project Name</b>	Ham Close, Richmond
<b>Drawing Title</b>	Plan view
<b>Proposed scheme</b>	

<b>Drawn By</b>	MF	<b>Scale @ A3</b>	-	<b>Date</b>	March 2022
<b>Project No.</b>	HA167_22	<b>Drawing No.</b>	Rel 02/04	<b>Revision</b>	-



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<b>Key:</b> Existing Proposed Consented Surrounding Context	<b>Sources of information</b> <b>Existing building</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER			<b>Surrounding buildings</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER			<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model			<b>Project Name</b> Ham Close, Richmond			<b>Drawn By</b> MF			<b>Scale @ A3</b> -			<b>Date</b> March 2022		
	<b>Drawing Title</b> 3D view Propsoed scheme			<b>Project No.</b> HA167_22			<b>Drawing No.</b> Rel 02/05			<b>Revision</b> -			 65 Gresham Street, London, EC2V 7NQ 08449 02 03 04 www.avisonyoung.co.uk								

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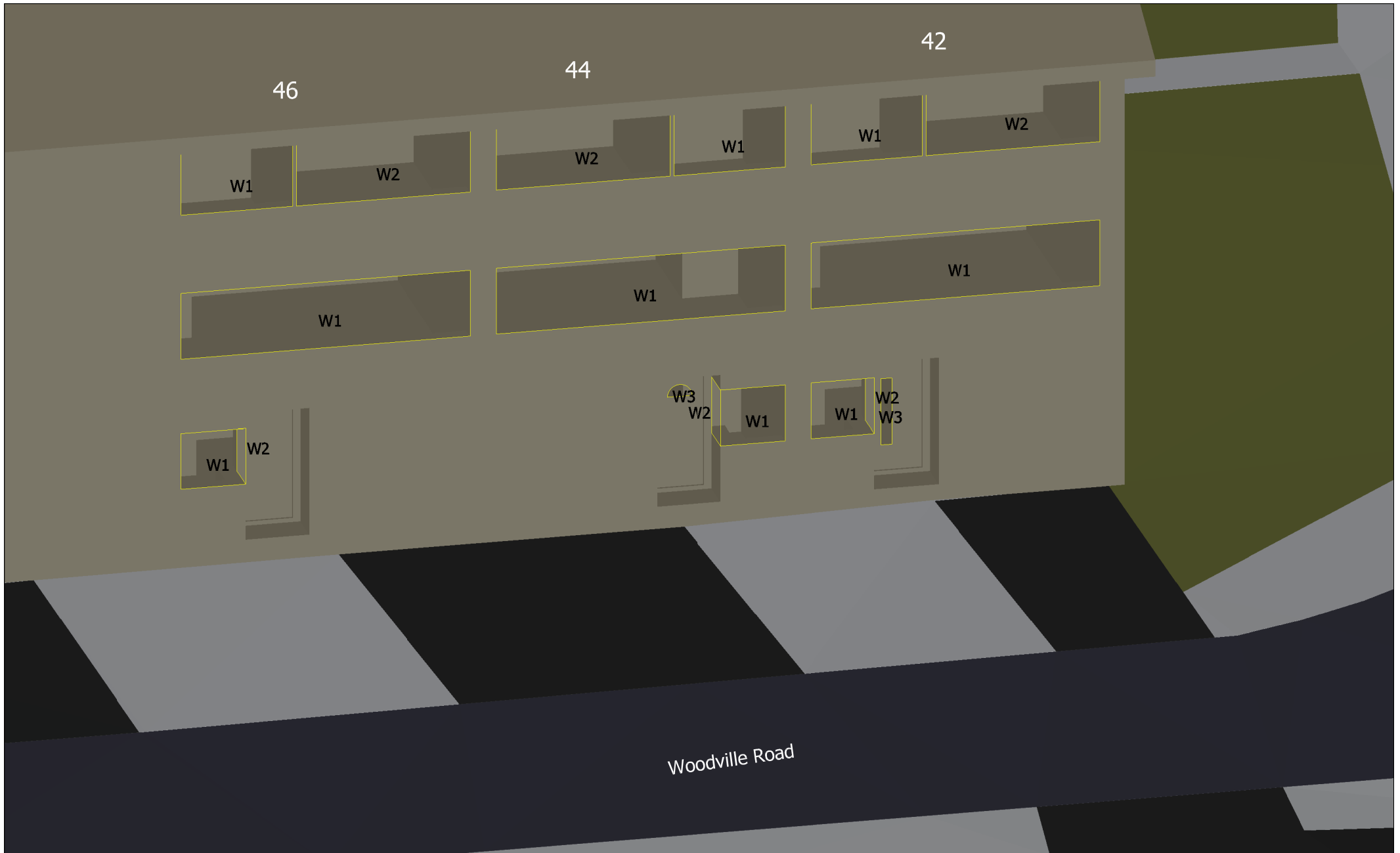


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	<b>Drawing Title</b> 3D view Proposed scheme			<b>Project No.</b> HA167_22			<b>Drawing No.</b> Rel 02/06			<b>Revision</b> -			 65 Gresham Street, London, EC2V 7NQ 08449 02 03 04 www.avisonyoung.co.uk								

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# Appendix 3






## Window Maps



<b>Key:</b> Existing Proposed Consented Surrounding Context	<b>Sources of information</b> <i>Existing buildings</i> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<i>Surrounding buildings</i> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<i>Proposed building</i> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model	<b>Project Name</b> Ham Close, Richmond	<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
	<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/07	<b>Revision</b> -	<b>Drawing Title</b> Window map	<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/07	<b>Revision</b> -

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<p><b>Key:</b></p> <ul style="list-style-type: none"> <li> Existing</li> <li> Proposed</li> <li> Consented</li> <li> Surrounding Context</li> </ul>	<p><b>Sources of information</b></p> <table border="0"> <tr> <td style="vertical-align: top;"> <p><i>Existing buildings</i></p> <p>Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p> </td> <td style="vertical-align: top;"> <p><i>Surrounding buildings</i></p> <p>Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p> </td> <td style="vertical-align: top;"> <p><i>Proposed building</i></p> <p>Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p> </td> </tr> </table>	<p><i>Existing buildings</i></p> <p>Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><i>Surrounding buildings</i></p> <p>Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><i>Proposed building</i></p> <p>Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>	<p><b>Project Name</b> Ham Close, Richmond</p> <p><b>Drawing Title</b> Window map</p>	<table border="0"> <tr> <td><b>Drawn By</b> MF</td> <td><b>Scale @ A3</b> -</td> <td><b>Date</b> March 2022</td> </tr> <tr> <td><b>Project No.</b> HA167_22</td> <td><b>Drawing No.</b> Rel 02/08</td> <td><b>Revision</b> -</td> </tr> </table>	<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022	<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/08	<b>Revision</b> -	<div style="text-align: center;">  <p><b>AVISON YOUNG</b></p> </div> <p>65 Gresham Street, London, EC2V 7NQ 08449 02 03 04 www.avisonyoung.co.uk</p>
<p><i>Existing buildings</i></p> <p>Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><i>Surrounding buildings</i></p> <p>Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><i>Proposed building</i></p> <p>Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>											
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<p><i>Existing buildings</i></p> <p>Accutiles: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><i>Surrounding buildings</i></p> <p>Accutiles: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><i>Proposed building</i></p> <p>Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>											
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<p><i>Existing buildings</i></p> <p>Accuracies: 28 Jan 2022</p> <p>002429_Ham Close, Richmond_HD_MASTER</p>	<p><i>Surrounding buildings</i></p> <p>Accuracies: 28 Jan 2022</p> <p>002429_Ham Close, Richmond_HD_MASTER</p>	<p><i>Proposed building</i></p> <p>Info received 25 Feb 2022</p> <p>2D scheme freeze drawing pack</p> <p>Info received 28 Feb 2022</p> <p>3D model</p>						

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<p><b>Key:</b></p> <ul style="list-style-type: none"> <li> Existing</li> <li> Proposed</li> <li> Consented</li> <li> Surrounding Context</li> </ul>	<p><b>Sources of information</b></p> <table border="0"> <tr> <td style="vertical-align: top;"> <p><i>Existing buildings</i></p> <p>Accutiles: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p> </td> <td style="vertical-align: top;"> <p><i>Surrounding buildings</i></p> <p>Accutiles: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p> </td> <td style="vertical-align: top;"> <p><i>Proposed building</i></p> <p>Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p> </td> </tr> </table>	<p><i>Existing buildings</i></p> <p>Accutiles: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><i>Surrounding buildings</i></p> <p>Accutiles: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><i>Proposed building</i></p> <p>Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>	<p><b>Project Name</b> Ham Close, Richmond</p> <p><b>Drawing Title</b> Window map</p>	<table border="0"> <tr> <td><b>Drawn By</b> MF</td> <td><b>Scale @ A3</b> -</td> <td><b>Date</b> March 2022</td> </tr> <tr> <td><b>Project No.</b> HA167_22</td> <td><b>Drawing No.</b> Rel 02/15</td> <td><b>Revision</b> -</td> </tr> </table>	<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022	<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/15	<b>Revision</b> -	<p style="text-align: center;"><b>AVISON YOUNG</b></p> <p style="font-size: small;">65 Gresham Street, London, EC2V 7NQ 08449 02 03 04 www.avisonyoung.co.uk</p>
<p><i>Existing buildings</i></p> <p>Accutiles: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><i>Surrounding buildings</i></p> <p>Accutiles: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><i>Proposed building</i></p> <p>Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>											
<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022											
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/15	<b>Revision</b> -											

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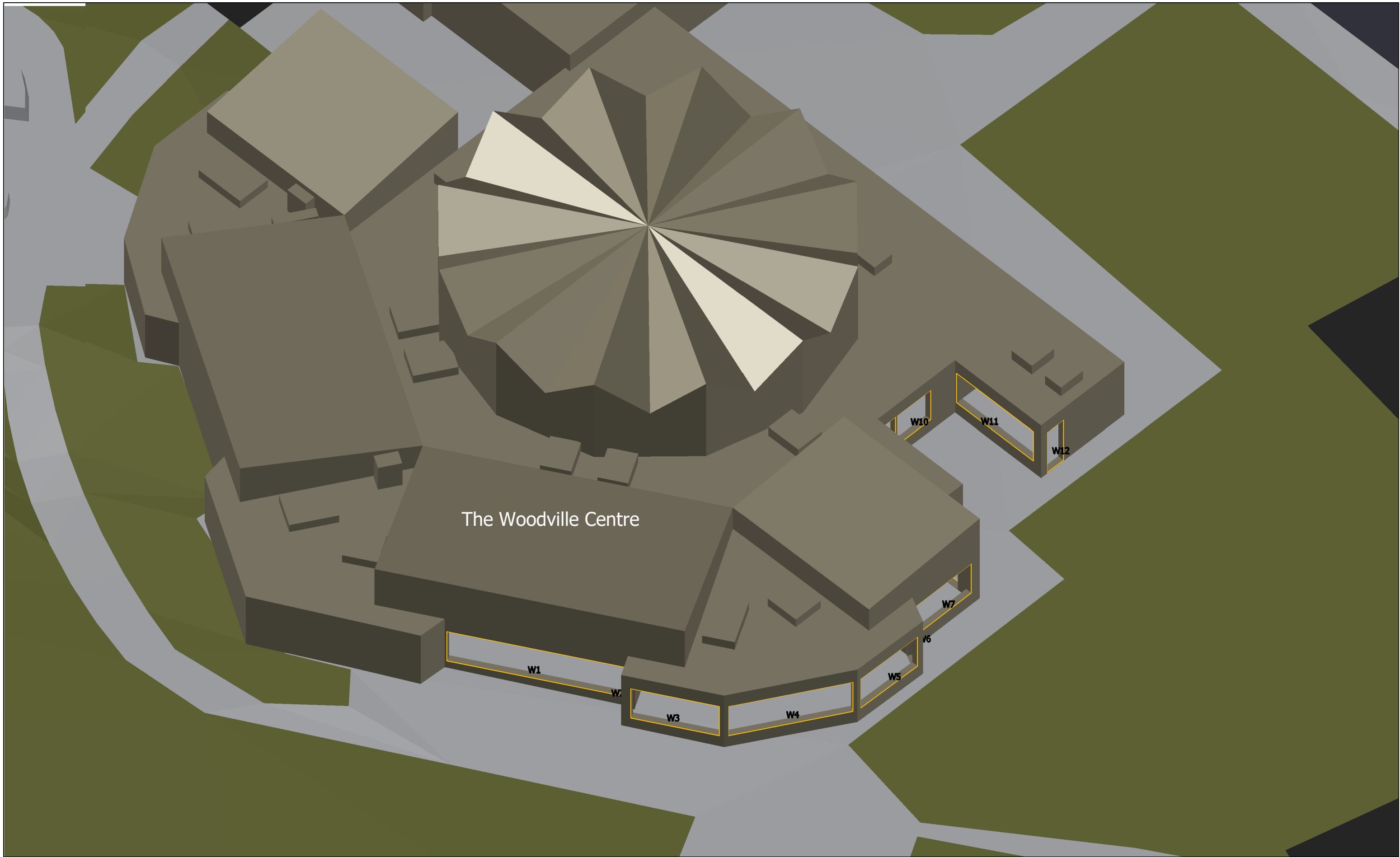
<b>Key:</b> Existing Proposed Consented Surrounding Context	<b>Sources of information</b> <table border="0"> <tr> <td style="vertical-align: top;"> <b>Existing building</b>            Accucities: 28 Jan 2022            002429_Ham Close, Richmond_HD_MASTER         </td> <td style="vertical-align: top;"> <b>Surrounding buildings</b>            Accucities: 28 Jan 2022            002429_Ham Close, Richmond_HD_MASTER         </td> <td style="vertical-align: top;"> <b>Proposed building</b>            Info received 25 Feb 2022            2D scheme freeze drawing pack            Info received 28 Feb 2022            3D model         </td> </tr> </table>			<b>Existing building</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Surrounding buildings</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model	<b>Project Name</b> Ham Close, Richmond	<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022	 65 Gresham Street, London, EC2V 7NQ 08449 02 03 04 www.avisonyoung.co.uk
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<b>Drawing Title</b> Window map	<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/16	<b>Revision</b> -								





<b>Key:</b> Existing Proposed Consented Surrounding Context	<b>Sources of information</b> <table border="0"> <tr> <td style="vertical-align: top;"> <b>Existing building</b>            Accucities: 28 Jan 2022            002429_Ham Close, Richmond_HD_MASTER         </td> <td style="vertical-align: top;"> <b>Surrounding buildings</b>            Accucities: 28 Jan 2022            002429_Ham Close, Richmond_HD_MASTER         </td> <td style="vertical-align: top;"> <b>Proposed building</b>            Info received 25 Feb 2022            2D scheme freeze drawing pack            Info received 28 Feb 2022            3D model         </td> </tr> </table>			<b>Existing building</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Surrounding buildings</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model	<b>Project Name</b> Ham Close, Richmond	<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022	 65 Gresham Street, London, EC2V 7NQ 08449 02 03 04 www.avisonyoung.co.uk
	<b>Existing building</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Surrounding buildings</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model								
<b>Drawing Title</b> Window map	<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/17	<b>Revision</b> -								

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The Woodville Centre

<b>Key:</b> Existing Proposed Consented Surrounding Context	<b>Sources of information</b>			<b>Project Name</b> Ham Close, Richmond	<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022	 65 Gresham Street, London, EC2V 7NQ 08449 02 03 04 www.avisonyoung.co.uk
	<b>Existing building</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Surrounding buildings</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model	<b>Drawing Title</b> Window map	<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/18	<b>Revision</b> -	
	<b>Key:</b> Existing Proposed Consented Surrounding Context			<b>Project Name</b> Ham Close, Richmond	<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022	
	<b>Sources of information</b>			<b>Drawing Title</b> Window map	<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/18	<b>Revision</b> -	

# Appendix 4

## VSC and APSH Tabular Results

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Daylight & Sunlight Analysis - Neighbour  
 Date of Analysis: 21/03/2022

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	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	
<b>46 Woodville Road</b>																					
First	R1	Residential	Living Room	W1	Existing	37.39	0.91	YES	149°	79.00	0.99	YES	27.00	0.96	YES	79.00	0.99	YES	27.00	0.96	YES
					Proposed	34.10				78.00			26.00			78.00			26.00		
Second	R1	Residential	Bedroom	W1	Existing	30.19	0.92	YES	149°	63.00	0.97	YES	26.00	0.92	YES	63.00	0.97	YES	26.00	0.92	YES
					Proposed	27.90				61.00			24.00			61.00			24.00		
	R2	Residential	Bedroom	W2	Existing	30.14	0.92	YES	149°	62.00	0.98	YES	25.00	0.96	YES	62.00	0.98	YES	25.00	0.96	YES
					Proposed	27.68				61.00			24.00			61.00			24.00		
<b>44 Woodville Road</b>																					
First	R1	Residential	Living Room	W1	Existing	37.25	0.90	YES	149°	78.00	0.99	YES	26.00	0.96	YES	78.00	0.99	YES	26.00	0.96	YES
					Proposed	33.50				77.00			25.00			77.00			25.00		
Second	R1	Residential	Bedroom	W1	Existing	30.00	0.91	YES	149°	63.00	0.98	YES	25.00	0.96	YES	63.00	0.98	YES	25.00	0.96	YES
					Proposed	27.17				62.00			24.00			62.00			24.00		
	R2	Residential	Bedroom	W2	Existing	30.07	0.91	YES	149°	62.00	0.98	YES	25.00	0.96	YES	62.00	0.98	YES	25.00	0.96	YES
					Proposed	27.38				61.00			24.00			61.00			24.00		
<b>42 Woodville Road</b>																					
First	R1	Residential	Living Room	W1	Existing	37.12	0.89	YES	149°	79.00	0.94	YES	27.00	0.81	YES	79.00	0.94	YES	27.00	0.81	YES
					Proposed	33.01				74.00			22.00			74.00			22.00		
Second	R1	Residential	Bedroom	W1	Existing	29.94	0.90	YES	149°	63.00	0.98	YES	25.00	0.96	YES	63.00	0.98	YES	25.00	0.96	YES
					Proposed	26.99				62.00			24.00			62.00			24.00		
	R2	Residential	Bedroom	W2	Existing	29.91	0.90	YES	149°	63.00	0.97	YES	25.00	0.92	YES	63.00	0.97	YES	25.00	0.92	YES
					Proposed	26.83				61.00			23.00			61.00			23.00		
<b>40 Woodville Road</b>																					
Ground	R2	Residential	Living Room	W2	Existing	34.13	0.80	YES	149°	76.00	0.88	YES	24.00	0.63	YES	76.00	0.88	YES	24.00	0.63	YES
					Proposed	27.25				67.00			15.00			67.00			15.00		
First	R1	Residential	Bedroom	W1	Existing	31.18	0.81	YES	149°	69.00	0.90	YES	25.00	0.72	YES	69.00	0.90	YES	25.00	0.72	YES
					Proposed	25.34				62.00			18.00			62.00			18.00		

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Daylight & Sunlight Analysis - Neighbour  
 Date of Analysis: 21/03/2022

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	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	
	R2	Residential	Bedroom	W2	Existing Proposed	31.05 25.60	0.82	YES	149°	69.00 63.00	0.91	YES	25.00 19.00	0.76	YES	62.00 69.00 63.00	0.90 0.91	YES YES	18.00 25.00 19.00	0.72 0.76	YES YES
<b>38 Woodville Road</b>																					
Ground	R2	Residential	Living Room	W2	Existing Proposed	33.80 28.00	0.83	YES	149°	79.00 69.00	0.87	YES	27.00 17.00	0.63	YES	79.00 69.00	0.87	YES	27.00 17.00	0.63	YES
First	R1	Residential	Bedroom	W1	Existing Proposed	30.78 26.46	0.86	YES	149°	70.00 64.00	0.91	YES	26.00 20.00	0.77	YES	70.00 64.00	0.91	YES	26.00 20.00	0.77	YES
	R2	Residential	Bedroom	W2	Existing Proposed	30.88 26.18	0.85	YES	149°	70.00 63.00	0.90	YES	26.00 19.00	0.73	YES	70.00 63.00	0.90	YES	26.00 19.00	0.73	YES
<b>36 Woodville Road</b>																					
Ground	R2	Residential	Living Room	W3	Existing Proposed	33.66 29.01	0.86	YES	149°	78.00 68.00	0.87	YES	26.00 16.00	0.62	YES	78.00 68.00	0.87	YES	26.00 16.00	0.62	YES
First	R1	Residential	Bedroom	W1	Existing Proposed	30.70 26.70	0.87	YES	149°	70.00 65.00	0.93	YES	26.00 21.00	0.81	YES	70.00 65.00	0.93	YES	26.00 21.00	0.81	YES
	R2	Residential	Bedroom	W2	Existing Proposed	30.62 27.01	0.88	YES	149°	70.00 66.00	0.94	YES	26.00 22.00	0.85	YES	70.00 66.00	0.94	YES	26.00 22.00	0.85	YES
<b>34 Woodville Road</b>																					
Ground	R2	Residential	Living Room	W2	Existing Proposed	33.58 29.34	0.87	YES	149°	77.00 69.00	0.90	YES	25.00 17.00	0.68	YES	77.00 69.00	0.90	YES	25.00 17.00	0.68	YES
First	R1	Residential	Bedroom	W1	Existing Proposed	30.48 27.43	0.90	YES	149°	71.00 67.00	0.94	YES	27.00 23.00	0.85	YES	71.00 67.00	0.94	YES	27.00 23.00	0.85	YES
	R2	Residential	Bedroom	W2	Existing Proposed	30.53 27.28	0.89	YES	149°	71.00 67.00	0.94	YES	27.00 23.00	0.85	YES	71.00 67.00	0.94	YES	27.00 23.00	0.85	YES
<b>32 Woodville Road</b>																					
Ground	R1	Residential	Living Room	W1	Existing Proposed	32.22 28.77	0.89	YES	149°	69.00 66.00	0.96	YES	22.00 19.00	0.86	YES						

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Daylight & Sunlight Analysis - Neighbour  
 Date of Analysis: 21/03/2022

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	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	
	R3	Residential	Dining Room	W4	Existing Proposed	32.21 28.90	0.90	YES	149°	67.00 63.00	0.94	YES	18.00 14.00	0.78	YES	69.00 66.00	0.96	YES	22.00 19.00	0.86	YES
				W5	Existing Proposed	22.33 22.33	1.00	YES	329°N	0.00 0.00	*North	*North	0.00 0.00	*North	*North						
															67.00 63.00	0.94	YES	18.00 14.00	0.78	YES	
First	R1	Residential	Bedroom	W1	Existing Proposed	31.47 28.63	0.91	YES	149°	68.00 68.00	1.00	YES	24.00 24.00	1.00	YES						
	R2	Residential	Bedroom	W2	Existing Proposed	31.53 28.64	0.91	YES	149°	70.00 68.00	0.97	YES	26.00 24.00	0.92	YES	68.00 68.00	1.00	YES	24.00 24.00	1.00	YES
															70.00 68.00	0.97	YES	26.00 24.00	0.92	YES	
<b>30 Woodville Road</b>																					
Ground	R1	Residential	Living Room	W1	Existing Proposed	31.90 28.51	0.89	YES	149°	66.00 63.00	0.95	YES	18.00 15.00	0.83	YES						
	R3	Residential	Dining Room	W5	Existing Proposed	32.67 29.23	0.89	YES	149°	73.00 68.00	0.93	YES	25.00 20.00	0.80	YES	66.00 63.00	0.95	YES	18.00 15.00	0.83	YES
				W6	Existing Proposed	21.53 21.53	1.00	YES	329°N	8.00 8.00	*North	*North	0.00 0.00	*North	*North						
															81.00 76.00	0.94	YES	25.00 20.00	0.80	YES	
First	R1	Residential	Bedroom	W1	Existing Proposed	31.78 28.76	0.90	YES	149°	70.00 68.00	0.97	YES	26.00 24.00	0.92	YES						
	R2	Residential	Bedroom	W2	Existing Proposed	31.58 28.69	0.91	YES	149°	71.00 69.00	0.97	YES	26.00 24.00	0.92	YES	70.00 68.00	0.97	YES	26.00 24.00	0.92	YES
															71.00 69.00	0.97	YES	26.00 24.00	0.92	YES	
<b>28 Woodville Road</b>																					
Ground	R2	Residential	Living Room	W2	Existing Proposed	33.55 29.77	0.89	YES	149°	77.00 72.00	0.94	YES	25.00 20.00	0.80	YES						
															77.00 72.00	0.94	YES	25.00 20.00	0.80	YES	
First	R1	Residential	Bedroom	W1	Existing Proposed	25.35 22.21	0.88	YES	149°	57.00 57.00	1.00	YES	24.00 24.00	1.00	YES						
	R2	Residential	Bedroom	W2	Existing Proposed	25.38 22.26	0.88	YES	149°	58.00 57.00	0.98	YES	25.00 24.00	0.96	YES	57.00 57.00	1.00	YES	24.00 24.00	1.00	YES
															58.00 57.00	0.98	YES	25.00 24.00	0.96	YES	
<b>26 Woodville Road</b>																					

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Daylight & Sunlight Analysis - Neighbour  
 Date of Analysis: 21/03/2022

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	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						
Ground	R2	Residential	Living Room	W2	Existing	0.88	YES	149°	73.00	0.96	YES	24.00	0.83	YES	73.00	0.96	YES	24.00	0.83	YES						
					Proposed	29.57	70.00	20.00																		
First	R1	Residential	Bedroom	W1	Existing	0.87	YES	149°	58.00	0.98	YES	25.00	0.96	YES	58.00	0.98	YES	25.00	0.96	YES						
					Proposed	22.17	57.00	24.00																		
	R2	Residential	Bedroom	W2	Existing	0.87	YES	149°	58.00	0.98	YES	25.00	0.96	YES	58.00	0.98	YES	25.00	0.96	YES						
					Proposed	22.14	57.00	24.00																		
<b>24 Woodville Road</b>																										
Ground	R2	Residential	Living Room	W2	Existing	0.87	YES	114°	59.00	0.92	YES	18.00	0.78	YES	79.00	0.94	YES	25.00	0.84	YES						
					Proposed	24.91	54.00	14.00																		
				W3	Existing	0.89	YES	149°	79.00	0.94	YES	25.00	0.84	YES							74.00	0.93	YES	25.00	0.84	YES
					Proposed	30.09	74.00	21.00																		
W4	Existing	0.90	YES	184° Inc	72.00	0.93	YES	25.00	0.84	YES	67.00	0.94	YES	21.00	0.84	YES										
	Proposed	27.58	72.00	21.00																						
First	R1	Residential	Bedroom	W1	Existing	0.87	YES	149°	57.00	0.98	YES	24.00	0.96	YES	57.00	0.98	YES	24.00	0.96	YES						
					Proposed	22.04	56.00	23.00																		
<b>22 Woodville Road</b>																										
Ground	R2	Residential	Living Room	W2	Existing	0.89	YES	149°	74.00	0.92	YES	24.00	0.83	YES	74.00	0.92	YES	24.00	0.83	YES						
					Proposed	29.40	68.00	20.00																		
First	R1	Residential	Bedroom	W1	Existing	0.88	YES	149°	57.00	0.96	YES	24.00	0.92	YES	57.00	0.96	YES	24.00	0.92	YES						
					Proposed	21.94	55.00	22.00																		
<b>20 Woodville Road</b>																										
Ground	R1	Residential	Dining Room	W1	Existing	0.88	YES	149°	71.00	0.93	YES	24.00	0.88	YES	71.00	0.93	YES	24.00	0.88	YES						
					Proposed	27.47	66.00	21.00																		
	R3	Residential	Living Room	W5	Existing	0.87	YES	149°	67.00	0.90	YES	19.00	0.74	YES							66.00	0.90	YES	19.00	0.74	YES
					Proposed	27.39	60.00	14.00																		
W6	Existing	1.00	YES	329°N	0.00	*North	*North	0.00	*North	*North	0.00	0.90	YES	14.00	0.74	YES										
	Proposed	15.34	0.00	0.00																						
First	R1	Residential	Bedroom	W1	Existing	0.89	YES	149°	69.00	0.97	YES	25.00	0.96	YES	69.00	0.97	YES	25.00	0.96	YES						
					Proposed	26.53	67.00	24.00																		

Project Name: Ham Close  
 Project No.: HA 167\_R02  
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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	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	
	R2	Residential	Bedroom	W2	Existing Proposed	29.56 26.09	0.88	YES	149°	69.00 66.00	0.96	YES	25.00 23.00	0.92	YES	69.00 66.00	0.96	YES	25.00 23.00	0.92	YES
<b>18 Woodville Road</b>																					
Ground	R1	Residential	Dining Room	W1	Existing Proposed	30.85 24.96	0.81	YES	149°	64.00 59.00	0.92	YES	16.00 12.00	0.75	YES	64.00 59.00	0.92	YES	16.00 12.00	0.75	YES
	R3	Residential	Living Room	W4	Existing Proposed	31.67 26.74	0.84	YES	149°	70.00 65.00	0.93	YES	24.00 20.00	0.83	YES	70.00 65.00	0.93	YES	24.00 20.00	0.83	YES
				W5	Existing Proposed	14.13 14.13	1.00	YES	329°N	0.00 0.00	*North	*North	0.00 0.00	*North	*North	70.00 65.00	0.93	YES	24.00 20.00	0.83	YES
First	R1	Residential	Bedroom	W1	Existing Proposed	29.67 24.91	0.84	YES	149°	68.00 64.00	0.94	YES	24.00 20.00	0.83	YES	68.00 64.00	0.94	YES	24.00 20.00	0.83	YES
	R2	Residential	Bedroom	W2	Existing Proposed	29.57 25.56	0.86	YES	149°	68.00 64.00	0.94	YES	24.00 21.00	0.88	YES	68.00 64.00	0.94	YES	24.00 21.00	0.88	YES
<b>16 Woodville Road</b>																					
Ground	R1	Residential	Dining Room	W1	Existing Proposed	30.89 24.47	0.79	NO	149°	66.00 59.00	0.89	YES	22.00 17.00	0.77	YES	66.00 59.00	0.89	YES	22.00 17.00	0.77	YES
	R3	Residential	Living Room	W6	Existing Proposed	32.14 25.16	0.78	NO	149°	68.00 59.00	0.87	YES	18.00 11.00	0.61	YES	68.00 59.00	0.87	YES	18.00 11.00	0.61	YES
				W7	Existing Proposed	15.38 15.38	1.00	YES	329°N	0.00 0.00	*North	*North	0.00 0.00	*North	*North	68.00 59.00	0.87	YES	18.00 11.00	0.61	YES
First	R1	Residential	Bedroom	W1	Existing Proposed	29.77 24.65	0.83	YES	149°	67.00 63.00	0.94	YES	23.00 19.00	0.83	YES	67.00 63.00	0.94	YES	23.00 19.00	0.83	YES
	R2	Residential	Bedroom	W2	Existing Proposed	29.93 24.42	0.82	YES	149°	69.00 62.00	0.90	YES	25.00 19.00	0.76	YES	69.00 62.00	0.90	YES	25.00 19.00	0.76	YES
<b>14 Woodville Road</b>																					
Ground	R1	Residential	Dining Room	W1	Existing Proposed	31.38 24.40	0.78	NO	149°	64.00 55.00	0.86	YES	16.00 8.00	0.50	YES	64.00 55.00	0.86	YES	16.00 8.00	0.50	YES
	R3	Residential	Living Room	W5	Existing Proposed	32.12 24.94	0.78	NO	149°	68.00 59.00	0.87	YES	23.00 16.00	0.70	YES	68.00 59.00	0.87	YES	23.00 16.00	0.70	YES





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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	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
<b>17 Ashburnham Road</b>																				
Ground	R1	Residential	Dining Room	W1	Existing Proposed	32.58 31.20	0.96	YES	329°N		*North *North	*North *North	*North *North							
	R3	Residential	Living Room	W4	Existing Proposed	32.53 31.37	0.96	YES	329°N		*North *North	*North *North	*North *North		*North	*North		*North	*North	
First	R1	Residential	Bedroom	W1	Existing Proposed	33.44 31.80	0.95	YES	329°N		*North *North	*North *North	*North *North							
	R2	Residential	Bedroom	W2	Existing Proposed	33.34 31.64	0.95	YES	329°N		*North *North	*North *North	*North *North		*North	*North		*North	*North	
<b>19 Ashburnham Road</b>																				
Ground	R1	Residential	Dining Room	W1	Existing Proposed	31.78 30.57	0.96	YES	329°N		*North *North	*North *North	*North *North							
	R3	Residential	Living Room	W4	Existing Proposed	32.36 31.11	0.96	YES	329°N		*North *North	*North *North	*North *North		*North	*North		*North	*North	
First	R1	Residential	Bedroom	W1	Existing Proposed	33.22 31.52	0.95	YES	329°N		*North *North	*North *North	*North *North							
	R2	Residential	Bedroom	W2	Existing Proposed	33.12 31.43	0.95	YES	329°N		*North *North	*North *North	*North *North		*North	*North		*North	*North	
<b>21 Ashburnham Road</b>																				
Ground	R1	Residential	Living Room	W1	Existing Proposed	34.26 32.78	0.96	YES	329°N		*North *North	*North *North	*North *North							
First	R1	Residential	Bedroom	W1	Existing Proposed	28.45 26.84	0.94	YES	329°N		*North *North	*North *North	*North *North							
<b>23 Ashburnham Road</b>																				
Ground	R1	Residential	Living Room	W1	Existing Proposed	35.18 33.64	0.96	YES	329°N		*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	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
First	R1	Residential	Bedroom	W1	Existing Proposed	28.75 27.18	0.95	YES	329°N		*North	*North	*North	*North						
<b>25 Ashburnham Road</b>																				
Ground	R1	Residential	Living Room	W1	Existing Proposed	35.06 33.52	0.96	YES	329°N		*North	*North	*North	*North						
First	R1	Residential	Bedroom	W1	Existing Proposed	28.64 27.15	0.95	YES	329°N		*North	*North	*North	*North						
<b>27 Ashburnham Road</b>																				
Ground	R1	Residential	Living Room	W1	Existing Proposed	31.96 30.42	0.95	YES	329°N		*North	*North	*North	*North						
First	R1	Residential	Bedroom	W1	Existing Proposed	28.54 27.18	0.95	YES	329°N		*North	*North	*North	*North						
	R2	Residential	Residential	W2	Existing Proposed	29.69 28.30	0.95	YES	329°N		*North	*North	*North	*North						
<b>29 Ashburnham Road</b>																				
Ground	R1	Residential	Living Room	W1	Existing Proposed	34.59 33.39	0.97	YES	289°N		*North	*North	*North	*North						
First	R1	Residential	Bedroom	W1	Existing Proposed	28.42 27.69	0.97	YES	289°N		*North	*North	*North	*North						
<b>1 Mowbray Road</b>																				
Ground	R1	Residential	Living Room	W1	Existing Proposed	35.34 34.30	0.97	YES	289°N		*North	*North	*North	*North						
First	R1	Residential	Bedroom	W1	Existing Proposed	36.66 35.93	0.98	YES	289°N		*North	*North	*North	*North						
<b>2 Mowbray Road</b>																				



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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	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	16.92			15.00			2.00			17.00			2.00			
First	R1	Residential	Bedroom	W1	Existing Proposed	29.88 28.25	0.95	YES	329°N		*North	*North	*North	*North	15.00	0.88	YES	2.00	1.00	YES	
	R2	Residential	Bedroom	W2	Existing Proposed	29.85 28.12	0.94	YES	329°N		*North	*North	*North	*North		*North	*North		*North	*North	
<b>35 Ashburnham Road</b>																					
Ground	R1	Residential	Dining Room	W1	Existing Proposed	31.78 28.96	0.91	YES	329°N		*North	*North	*North	*North							
	R3	Residential	Living Room	W3	Existing Proposed	31.61 29.02	0.92	YES	329°N	6.00 5.00	*North	*North	0.00 0.00	*North	*North		*North	*North		*North	
				W4	Existing Proposed	27.78 27.78	1.00	YES	149°	48.00 48.00	1.00	YES	17.00 17.00	1.00	YES	54.00			17.00	1.00	YES
First	R1	Residential	Bedroom	W1	Existing Proposed	29.98 28.09	0.94	YES	329°N		*North	*North	*North	*North	53.00	0.98	YES	17.00	1.00	YES	
	R2	Residential	Bedroom	W2	Existing Proposed	29.91 28.10	0.94	YES	329°N		*North	*North	*North	*North		*North	*North		*North	*North	
<b>37 Ashburnham Road</b>																					
Ground	R1	Residential	Dining Room	W1	Existing Proposed	33.66 31.08	0.92	YES	283°N		*North	*North	*North	*North							
	R3	Residential	Living Room	W5	Existing Proposed	33.08 31.00	0.94	YES	283°N	37.00 35.00	*North	*North	9.00 9.00	*North	*North		*North	*North		*North	
				W6	Existing Proposed	25.81 25.81	1.00	YES	103°	37.00 37.00	1.00	YES	3.00 3.00	1.00	YES	74.00			12.00	1.00	YES
First	R1	Residential	Bedroom	W1	Existing Proposed	31.64 29.62	0.94	YES	283°N		*North	*North	*North	*North	72.00	0.97	YES	12.00	1.00	YES	
	R2	Residential	Bedroom	W2	Existing Proposed	31.58 29.72	0.94	YES	283°N		*North	*North	*North	*North		*North	*North		*North	*North	
<b>1 Sheridan Road</b>																					

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	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
Ground	R1	Residential	Dining Room	W1	Existing Proposed	32.80 31.23	0.95	YES	283°N		*North	*North	*North	*North						
	R3	Residential	Living Room	W4	Existing Proposed	33.18 31.18	0.94	YES	283°N		*North	*North	*North	*North		*North	*North		*North	*North
First	R1	Residential	Bedroom	W1	Existing Proposed	31.45 29.92	0.95	YES	283°N		*North	*North	*North	*North		*North	*North		*North	*North
	R2	Residential	Bedroom	W2	Existing Proposed	31.52 29.81	0.95	YES	283°N		*North	*North	*North	*North		*North	*North		*North	*North
<b>2 Sheridan Road</b>																				
Ground	R2	Residential	Residential	W2	Existing Proposed	36.12 34.45	0.95	YES	17°N		*North	*North	*North	*North						
	R3	Residential	Residential	W3 W4	Existing Proposed Existing Proposed	34.93 33.63 28.44 28.43	0.96 1.00	YES YES	17°N 107°	11.00 11.00 33.00 33.00	*North 1.00	*North YES	0.00 0.00 5.00 5.00	*North 1.00	*North YES	33.00 33.00	1.00	YES	5.00 5.00	1.00
First	R1	Residential	Residential	W1	Existing Proposed	37.57 35.97	0.96	YES	17°N		*North	*North	*North	*North						
	R2	Residential	Residential	W2	Existing Proposed	33.62 32.30	0.96	YES	17°N		*North	*North	*North	*North		*North	*North		*North	*North
<b>39 Ashburnham Road</b>																				
Ground	R2	Residential	Residential	W2	Existing Proposed	35.59 33.41	0.94	YES	17°N		*North	*North	*North	*North		*North	*North		*North	*North
First	R1	Residential	Residential	W1	Existing Proposed	33.96 31.98	0.94	YES	17°N		*North	*North	*North	*North		*North	*North		*North	*North
<b>65-77 Ham Street</b>																				
First	R1	Residential	Kitchen	W1	Existing Proposed	38.28 35.28	0.92	YES	239°	66.00 62.00	0.94	YES	24.00 20.00	0.83	YES	66.00			24.00	

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	R2	Residential	Hallway	W2	Existing Proposed	37.75 34.75	0.92	YES	239°	64.00 60.00	0.94	YES	23.00 19.00	0.83	YES	62.00 64.00	0.94	YES	20.00 23.00	0.83	YES
	R3	Residential	Hallway	W3	Existing Proposed	37.69 34.71	0.92	YES	239°	64.00 61.00	0.95	YES	23.00 20.00	0.87	YES	64.00 61.00	0.94	YES	23.00 20.00	0.87	YES
	R4	Residential	Kitchen	W4	Existing Proposed	38.09 35.15	0.92	YES	239°	66.00 63.00	0.95	YES	24.00 21.00	0.88	YES	66.00 63.00	0.95	YES	24.00 21.00	0.88	YES
	R5	Residential	Kitchen	W5	Existing Proposed	37.96 35.14	0.93	YES	239°	66.00 63.00	0.95	YES	24.00 21.00	0.88	YES	66.00 63.00	0.95	YES	24.00 21.00	0.88	YES
	R6	Residential	Hallway	W6	Existing Proposed	37.33 34.68	0.93	YES	239°	64.00 60.00	0.94	YES	23.00 20.00	0.87	YES	64.00 60.00	0.94	YES	23.00 20.00	0.87	YES
	R7	Residential	Hallway	W7	Existing Proposed	37.12 34.68	0.93	YES	239°	64.00 61.00	0.95	YES	23.00 21.00	0.91	YES	64.00 61.00	0.95	YES	23.00 21.00	0.91	YES
	R8	Residential	Kitchen	W8	Existing Proposed	37.29 35.05	0.94	YES	239°	66.00 64.00	0.97	YES	24.00 23.00	0.96	YES	66.00 64.00	0.97	YES	24.00 23.00	0.96	YES
	R9	Residential	Kitchen	W9	Existing Proposed	36.75 34.78	0.95	YES	239°	64.00 62.00	0.97	YES	22.00 21.00	0.95	YES	64.00 62.00	0.97	YES	22.00 21.00	0.95	YES
	R10	Residential	Hallway	W10	Existing Proposed	35.57 33.77	0.95	YES	239°	59.00 57.00	0.97	YES	18.00 17.00	0.94	YES	59.00 57.00	0.97	YES	18.00 17.00	0.94	YES
Second	R1	Residential	Bedroom	W1	Existing Proposed	38.94 36.83	0.95	YES	239°	66.00 64.00	0.97	YES	24.00 22.00	0.92	YES	66.00 64.00	0.97	YES	24.00 22.00	0.92	YES
	R2	Residential	Bathroom	W2	Existing Proposed	38.96 36.90	0.95	YES	239°	66.00 64.00	0.97	YES	24.00 22.00	0.92	YES	66.00 64.00	0.97	YES	24.00 22.00	0.92	YES
	R3	Residential	Bathroom	W3	Existing Proposed	38.95 36.94	0.95	YES	239°	66.00 64.00	0.97	YES	24.00 22.00	0.92	YES	66.00 64.00	0.97	YES	24.00 22.00	0.92	YES
	R4	Residential	Bedroom	W4	Existing Proposed	38.91 36.92	0.95	YES	239°	66.00 64.00	0.97	YES	24.00 22.00	0.92	YES	66.00 64.00	0.97	YES	24.00 22.00	0.92	YES
	R5	Residential	Bedroom	W5	Existing Proposed	38.88 36.98	0.95	YES	239°	66.00 64.00	0.97	YES	24.00 22.00	0.92	YES	66.00 64.00	0.97	YES	24.00 22.00	0.92	YES

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	R6	Residential	Bathroom	W6	Existing Proposed	38.87 37.14	0.96	YES	239°	66.00 64.00	0.97	YES	24.00 22.00	0.92	YES	66.00 64.00	0.97	YES	24.00 22.00	0.92	YES
	R7	Residential	Bathroom	W7	Existing Proposed	38.83 37.23	0.96	YES	239°	66.00 64.00	0.97	YES	24.00 23.00	0.96	YES	66.00 64.00	0.97	YES	24.00 22.00	0.92	YES
	R8	Residential	Bedroom	W8	Existing Proposed	38.72 37.25	0.96	YES	239°	66.00 64.00	0.97	YES	24.00 23.00	0.96	YES	66.00 64.00	0.97	YES	24.00 23.00	0.96	YES
	R9	Residential	Bedroom	W9	Existing Proposed	38.58 37.30	0.97	YES	239°	66.00 64.00	0.97	YES	24.00 23.00	0.96	YES	66.00 64.00	0.97	YES	24.00 23.00	0.96	YES
	R10	Residential	Bathroom	W10	Existing Proposed	38.45 37.31	0.97	YES	239°	66.00 65.00	0.98	YES	24.00 23.00	0.96	YES	66.00 64.00	0.97	YES	24.00 23.00	0.96	YES
<b>2-14 Ashburnham Road</b>																					
First	R1	Residential	Kitchen	W1	Existing Proposed	33.05 32.34	0.98	YES	329°N		*North	*North	*North	*North							
	R2	Residential	Hallway	W2	Existing Proposed	32.04 31.25	0.98	YES	329°N		*North	*North	*North	*North		*North	*North		*North	*North	
	R3	Residential	Hallway	W3	Existing Proposed	33.22 32.32	0.97	YES	329°N		*North	*North	*North	*North		*North	*North		*North	*North	
	R4	Residential	Kitchen	W4	Existing Proposed	34.71 33.66	0.97	YES	329°N		*North	*North	*North	*North		*North	*North		*North	*North	
	R5	Residential	Kitchen	W5	Existing Proposed	35.73 34.49	0.97	YES	329°N		*North	*North	*North	*North		*North	*North		*North	*North	
	R6	Residential	Hallway	W6	Existing Proposed	35.86 34.43	0.96	YES	329°N		*North	*North	*North	*North		*North	*North		*North	*North	
	R7	Residential	Hallway	W7	Existing Proposed	36.42 34.75	0.95	YES	329°N		*North	*North	*North	*North		*North	*North		*North	*North	
	R8	Residential	Kitchen	W8	Existing Proposed	37.32 35.33	0.95	YES	329°N		*North	*North	*North	*North		*North	*North		*North	*North	



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	R9	Residential	Kitchen	W9	Existing Proposed	37.65 35.28	0.94	YES	329°N		*North *North		*North *North			*North *North		*North *North		*North *North
	R10	Residential	Hallway	W10	Existing Proposed	37.36 34.66	0.93	YES	329°N		*North *North		*North *North			*North *North		*North *North		*North *North
	R11	Residential	Hallway	W11	Existing Proposed	37.52 34.40	0.92	YES	329°N		*North *North		*North *North			*North *North		*North *North		*North *North
	R12	Residential	Kitchen	W12	Existing Proposed	38.15 34.49	0.90	YES	329°N		*North *North		*North *North			*North *North		*North *North		*North *North
	R13	Residential	Kitchen	W13	Existing Proposed	38.24 34.09	0.89	YES	329°N		*North *North		*North *North			*North *North		*North *North		*North *North
	R14	Residential	Hallway	W14	Existing Proposed	37.82 33.15	0.88	YES	329°N		*North *North		*North *North			*North *North		*North *North		*North *North
	R15	Residential	Hallway	W15	Existing Proposed	37.88 32.69	0.86	YES	329°N		*North *North		*North *North			*North *North		*North *North		*North *North
	R16	Residential	Kitchen	W16	Existing Proposed	38.41 32.77	0.85	YES	329°N		*North *North		*North *North			*North *North		*North *North		*North *North
Second	R1	Residential	Bedroom	W1	Existing Proposed	37.68 37.21	0.99	YES	329°N		*North *North		*North *North			*North *North		*North *North		*North *North
	R2	Residential	Bathroom	W2	Existing Proposed	37.65 37.14	0.99	YES	329°N		*North *North		*North *North			*North *North		*North *North		*North *North
	R3	Residential	Bathroom	W3	Existing Proposed	37.94 37.35	0.98	YES	329°N		*North *North		*North *North			*North *North		*North *North		*North *North
	R4	Residential	Bedroom	W4	Existing Proposed	38.09 37.39	0.98	YES	329°N		*North *North		*North *North			*North *North		*North *North		*North *North
	R5	Residential	Bedroom	W5	Existing Proposed	38.36 37.53	0.98	YES	329°N		*North *North		*North *North			*North *North		*North *North		*North *North
	R6	Residential	Bathroom	W6	Existing	38.59	0.98	YES	329°N		*North *North		*North *North			*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	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	37.64															
	R7	Residential	Bathroom	W7	Existing Proposed	38.71 37.59	0.97	YES	329°N	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	
	R8	Residential	Bedroom	W8	Existing Proposed	38.76 37.43	0.97	YES	329°N	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	
	R9	Residential	Bedroom	W9	Existing Proposed	38.84 37.26	0.96	YES	329°N	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	
	R10	Residential	Bathroom	W10	Existing Proposed	38.92 37.11	0.95	YES	329°N	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	
	R11	Residential	Bathroom	W11	Existing Proposed	38.96 36.85	0.95	YES	329°N	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	
	R12	Residential	Bedroom	W12	Existing Proposed	38.95 36.51	0.94	YES	329°N	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	
	R13	Residential	Bedroom	W13	Existing Proposed	38.97 36.20	0.93	YES	329°N	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	
	R14	Residential	Bathroom	W14	Existing Proposed	39.00 35.90	0.92	YES	329°N	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	
	R15	Residential	Bathroom	W15	Existing Proposed	39.00 35.59	0.91	YES	329°N	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	
	R16	Residential	Bedroom	W16	Existing Proposed	38.99 35.24	0.90	YES	329°N	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	*North	
<b>The Woodville Centre</b>																					
Ground	R1	School	Class Room	W1	Existing Proposed	36.52 33.27	0.91	YES	118°	67.00 64.00	0.96	YES	22.00 20.00	0.91	YES	67.00 64.00	0.96	YES	22.00 20.00	0.91	YES
	R2	School	Class Room	W2	Existing Proposed	20.17 19.89	0.99	YES	208°	49.00 48.00	0.98	YES	21.00 20.00	0.95	YES	49.00 48.00	0.98	YES	21.00 20.00	0.95	YES
				W3	Existing Proposed	36.60 32.63	0.89	YES	118°	67.00 66.00	0.99	YES	23.00 22.00	0.96	YES	67.00 66.00	0.99	YES	23.00 22.00	0.96	YES
				W4	Existing	35.76	0.79	YES	89°N	49.00	*North	*North	15.00	*North	*North	49.00	*North	*North	15.00	*North	*North

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	VSC	Pr/Ex	Meets BRE Criteria	Window Orientation	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
				W5	Proposed 28.30 Existing 35.46	0.71	NO	59°N	46.00 33.00	*North	*North	14.00 6.00	*North	*North						
				W6	Proposed 25.11 Existing 28.58	0.81	YES	355°N	26.00 4.00	*North	*North	3.00 0.00	*North	*North						
				W7	Proposed 23.28 Existing 34.39	0.72	NO	58°N	0.00 25.00	*North	*North	0.00 2.00	*North	*North						
				W8	Proposed 24.71 Existing 28.96 Proposed 27.30	0.94	YES	328°N	20.00 0.00 0.00	*North	*North	1.00 0.00 0.00	*North	*North						
	R3	School	Class Room	W9	Existing 20.94 Proposed 17.48	0.83	YES	58°N		*North	*North		*North	*North	67.00 66.00	0.99	YES	23.00 22.00	0.96	YES
				W10	Existing 27.48 Proposed 23.22	0.84	YES	58°N		*North	*North		*North	*North						
	R4	School	Class Room	W11	Existing 23.62 Proposed 22.25	0.94	YES	148°	54.00 50.00	0.93	YES	4.00 4.00	1.00	YES						
				W12	Existing 35.11 Proposed 27.38	0.78	YES	58°N	30.00 21.00	*North	*North	3.00 1.00	*North	*North						
															57.00 51.00	0.89	YES	7.00 5.00	0.71	YES

# NSL Tabular Results

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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
<b>46 Woodville Road</b>									
First	R1	Residential	Living Room	Area m2 % of room	24.48	24.48 99.99%	24.48 99.99%	1.00	YES
Second	R1	Residential	Bedroom	Area m2 % of room	5.63	5.53 98.39%	5.53 98.39%	1.00	YES
	R2	Residential	Bedroom	Area m2 % of room	12.08	11.86 98.21%	11.86 98.21%	1.00	YES
<b>44 Woodville Road</b>									
First	R1	Residential	Living Room	Area m2 % of room	24.48	24.48 99.99%	24.37 99.54%	1.00	YES
Second	R1	Residential	Bedroom	Area m2 % of room	5.63	5.54 98.52%	5.54 98.52%	1.00	YES
	R2	Residential	Bedroom	Area m2 % of room	12.08	11.86 98.17%	11.86 98.17%	1.00	YES
<b>42 Woodville Road</b>									
First	R1	Residential	Living Room	Area m2 % of room	24.48	24.48 99.99%	24.41 99.70%	1.00	YES
Second	R1	Residential	Bedroom	Area m2 % of room	5.63	5.54 98.53%	5.54 98.53%	1.00	YES
	R2	Residential	Bedroom	Area m2 % of room	12.08	11.92 98.67%	11.92 98.67%	1.00	YES
<b>40 Woodville Road</b>									
Ground	R2	Residential	Living Room	Area m2 % of room	18.24	17.79 97.58%	11.52 63.19%	0.65	NO
First	R1	Residential	Bedroom	Area m2 % of room	6.41	6.12 95.48%	6.12 95.48%	1.00	YES
	R2	Residential	Bedroom	Area m2 % of room	7.40	7.08 95.73%	7.04 95.13%	0.99	YES
<b>38 Woodville Road</b>									
Ground	R2	Residential	Living Room	Area m2 % of room	17.37	16.58 95.45%	12.79 73.66%	0.77	NO
First	R1	Residential	Bedroom	Area m2 % of room	6.34	6.08 95.93%	6.08 95.93%	1.00	YES
	R2	Residential	Bedroom	Area m2 % of room	7.40	7.22 97.60%	7.22 97.55%	1.00	YES
<b>36 Woodville Road</b>									
Ground	R2	Residential	Living Room	Area m2 % of room	18.40	17.43 94.73%	14.22 77.28%	0.82	YES
First	R1	Residential	Bedroom	Area m2 % of room	6.34	5.91 93.34%	5.91 93.34%	1.00	YES
	R2	Residential	Bedroom	Area m2 % of room	7.40	7.17 96.95%	7.13 96.38%	0.99	YES
<b>34 Woodville Road</b>									
Ground	R2	Residential	Living Room	Area m2 % of room	17.68	16.80 95.01%	13.98 79.04%	0.83	YES
First	R1	Residential	Bedroom	Area m2 % of room	6.33	6.01 94.95%	6.01 94.94%	1.00	YES
	R2	Residential	Bedroom	Area m2	7.40	7.11	7.11		

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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
% of room						96.16%	96.12%	1.00	YES
<b>32 Woodville Road</b>									
Ground	R1	Residential	Living Room	Area m2	9.98	9.82	9.82	1.00	YES
				% of room		98.36%	98.34%		
	R3	Residential	Dining Room	Area m2	15.79	15.69	14.44	0.92	YES
				% of room		99.38%	91.41%		
First	R1	Residential	Bedroom	Area m2	10.68	10.53	10.53	1.00	YES
				% of room		98.58%	98.57%		
	R2	Residential	Bedroom	Area m2	12.71	12.59	12.58	1.00	YES
				% of room		99.11%	99.05%		
<b>30 Woodville Road</b>									
Ground	R1	Residential	Living Room	Area m2	10.05	9.89	9.89	1.00	YES
				% of room		98.38%	98.38%		
	R3	Residential	Dining Room	Area m2	15.98	15.93	14.76	0.93	YES
				% of room		99.68%	92.39%		
First	R1	Residential	Bedroom	Area m2	10.75	10.61	10.61	1.00	YES
				% of room		98.71%	98.72%		
	R2	Residential	Bedroom	Area m2	12.86	12.73	12.73	1.00	YES
				% of room		98.98%	98.97%		
<b>28 Woodville Road</b>									
Ground	R2	Residential	Living Room	Area m2	16.86	16.70	15.73	0.94	YES
				% of room		99.01%	93.25%		
First	R1	Residential	Bedroom	Area m2	4.82	4.67	4.67	1.00	YES
				% of room		96.93%	96.92%		
	R2	Residential	Bedroom	Area m2	9.18	9.12	9.12	1.00	YES
				% of room		99.32%	99.32%		
<b>26 Woodville Road</b>									
Ground	R2	Residential	Living Room	Area m2	16.86	16.67	15.61	0.94	YES
				% of room		98.83%	92.56%		
First	R1	Residential	Bedroom	Area m2	4.41	4.21	4.21	1.00	YES
				% of room		95.59%	95.57%		
	R2	Residential	Bedroom	Area m2	9.18	9.13	9.13	1.00	YES
				% of room		99.40%	99.40%		
<b>24 Woodville Road</b>									
Ground	R2	Residential	Living Room	Area m2	16.86	16.64	14.51	0.87	YES
				% of room		98.66%	86.04%		
First	R1	Residential	Bedroom	Area m2	13.47	13.16	13.14	1.00	YES
				% of room		97.72%	97.60%		
<b>22 Woodville Road</b>									
Ground	R2	Residential	Living Room	Area m2	16.86	16.57	16.16	0.98	YES
				% of room		98.23%	95.82%		
First	R1	Residential	Bedroom	Area m2	13.47	13.15	13.15	1.00	YES
				% of room		97.65%	97.64%		
<b>20 Woodville Road</b>									
Ground	R1	Residential	Dining Room	Area m2	10.30	9.98	10.01	1.00	YES
				% of room		96.92%	97.23%		
	R3	Residential	Living Room	Area m2	15.33	15.03	13.90	0.93	YES
				% of room		98.05%	90.71%		

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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
First	R1	Residential	Bedroom	Area m2	10.37	10.24	10.19	1.00	YES
				% of room		98.69%	98.23%		
	R2	Residential	Bedroom	Area m2	11.59	11.45	10.87	0.95	YES
				% of room		98.82%	93.82%		
<b>18 Woodville Road</b>									
Ground	R1	Residential	Dining Room	Area m2	10.30	10.02	7.56	0.75	NO
				% of room		97.29%	73.37%		
	R3	Residential	Living Room	Area m2	15.33	15.10	15.09	1.00	YES
				% of room		98.53%	98.46%		
First	R1	Residential	Bedroom	Area m2	10.37	10.25	8.89	0.87	YES
				% of room		98.84%	85.71%		
	R2	Residential	Bedroom	Area m2	11.59	11.47	11.36	0.99	YES
				% of room		98.94%	98.00%		
<b>16 Woodville Road</b>									
Ground	R1	Residential	Dining Room	Area m2	10.30	10.01	7.10	0.71	NO
				% of room		97.24%	68.91%		
	R3	Residential	Living Room	Area m2	15.33	15.19	12.10	0.80	YES
				% of room		99.10%	78.91%		
First	R1	Residential	Bedroom	Area m2	10.37	10.26	8.50	0.83	YES
				% of room		98.87%	81.93%		
	R2	Residential	Bedroom	Area m2	11.59	11.46	10.76	0.94	YES
				% of room		98.88%	92.83%		
<b>14 Woodville Road</b>									
Ground	R1	Residential	Dining Room	Area m2	10.30	10.14	6.10	0.60	NO
				% of room		98.48%	59.24%		
	R3	Residential	Living Room	Area m2	15.33	15.29	12.45	0.81	YES
				% of room		99.76%	81.20%		
First	R1	Residential	Bedroom	Area m2	10.37	10.23	8.28	0.81	YES
				% of room		98.61%	79.86%		
	R2	Residential	Bedroom	Area m2	11.59	11.47	10.86	0.95	YES
				% of room		98.94%	93.70%		
<b>13 Ashburnham Road</b>									
Ground	R1	Residential	Dining Room	Area m2	10.52	10.34	10.34	1.00	YES
				% of room		98.29%	98.28%		
	R3	Residential	Living Room	Area m2	14.52	14.52	14.52	1.00	YES
				% of room		100.00%	100.00%		
First	R1	Residential	Bedroom	Area m2	10.95	10.79	10.78	1.00	YES
				% of room		98.51%	98.51%		
	R2	Residential	Bedroom	Area m2	10.41	10.23	10.23	1.00	YES
				% of room		98.31%	98.31%		
<b>15 Ashburnham Road</b>									
Ground	R1	Residential	Dining Room	Area m2	10.52	10.31	10.31	1.00	YES
				% of room		97.96%	97.96%		
	R3	Residential	Living Room	Area m2	14.52	14.52	14.52	1.00	YES
				% of room		100.00%	100.00%		
First	R1	Residential	Bedroom	Area m2	10.41	10.22	10.22	1.00	YES
				% of room		98.17%	98.16%		
	R2	Residential	Bedroom	Area m2	10.95	10.78	10.78	1.00	YES
				% of room		98.47%	98.47%		
<b>17 Ashburnham Road</b>									

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Ground	R1	Residential	Dining Room	Area m2	10.52	10.30	10.30	1.00	YES
				% of room		97.94%	97.94%		
	R3	Residential	Living Room	Area m2	14.52	14.28	14.28	1.00	YES
				% of room		98.33%	98.33%		
First	R1	Residential	Bedroom	Area m2	10.95	10.79	10.79	1.00	YES
				% of room		98.55%	98.54%		
	R2	Residential	Bedroom	Area m2	10.41	10.23	10.23	1.00	YES
				% of room		98.30%	98.30%		
<b>19 Ashburnham Road</b>									
Ground	R1	Residential	Dining Room	Area m2	10.24	10.03	10.03	1.00	YES
				% of room		97.86%	97.87%		
	R3	Residential	Living Room	Area m2	14.52	14.27	14.27	1.00	YES
				% of room		98.28%	98.27%		
First	R1	Residential	Bedroom	Area m2	10.41	10.21	10.21	1.00	YES
				% of room		98.12%	98.11%		
	R2	Residential	Bedroom	Area m2	10.66	10.50	10.50	1.00	YES
				% of room		98.53%	98.53%		
<b>21 Ashburnham Road</b>									
Ground	R1	Residential	Living Room	Area m2	15.97	15.75	15.75	1.00	YES
				% of room		98.61%	98.61%		
First	R1	Residential	Bedroom	Area m2	9.88	9.76	9.76	1.00	YES
				% of room		98.75%	98.74%		
<b>23 Ashburnham Road</b>									
Ground	R1	Residential	Living Room	Area m2	15.88	15.79	15.79	1.00	YES
				% of room		99.48%	99.48%		
First	R1	Residential	Bedroom	Area m2	9.24	9.17	9.17	1.00	YES
				% of room		99.23%	99.23%		
<b>25 Ashburnham Road</b>									
Ground	R1	Residential	Living Room	Area m2	15.88	15.78	15.78	1.00	YES
				% of room		99.42%	99.43%		
First	R1	Residential	Bedroom	Area m2	9.24	9.16	9.16	1.00	YES
				% of room		99.09%	99.09%		
<b>27 Ashburnham Road</b>									
Ground	R1	Residential	Living Room	Area m2	15.75	15.42	15.42	1.00	YES
				% of room		97.91%	97.91%		
First	R1	Residential	Bedroom	Area m2	9.88	9.75	9.75	1.00	YES
				% of room		98.65%	98.65%		
	R2	Residential	Residential	Area m2	2.80	2.73	2.73	1.00	YES
				% of room		97.54%	97.54%		
<b>29 Ashburnham Road</b>									
Ground	R1	Residential	Living Room	Area m2	15.97	15.77	15.77	1.00	YES
				% of room		98.75%	98.75%		
First	R1	Residential	Bedroom	Area m2	9.88	9.77	9.77	1.00	YES
				% of room		98.85%	98.85%		
<b>1 Mowbray Road</b>									
Ground	R1	Residential	Living Room	Area m2	15.88	15.78	15.78	1.00	YES
				% of room		99.39%	99.39%		
First	R1	Residential	Bedroom	Area m2	9.24	9.16	9.16		



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% of room						99.09%	99.09%	1.00	YES
<b>2 Mowbray Road</b>									
Ground	R1	Residential	Dining Room	Area m2	10.24	10.05	10.05	1.00	YES
				% of room		98.07%	98.06%		
	R3	Residential	Living Room	Area m2	14.52	14.52	14.52	1.00	YES
				% of room		100.00%	100.00%		
First	R1	Residential	Bedroom	Area m2	10.95	10.78	10.78	1.00	YES
				% of room		98.50%	98.49%		
	R2	Residential	Bedroom	Area m2	10.41	10.20	10.20	1.00	YES
				% of room		98.01%	98.00%		
<b>31 Ashburnham Road</b>									
Ground	R1	Residential	Dining Room	Area m2	10.24	10.03	10.03	1.00	YES
				% of room		97.95%	97.95%		
	R3	Residential	Living Room	Area m2	14.52	14.52	14.52	1.00	YES
				% of room		100.00%	100.00%		
First	R1	Residential	Bedroom	Area m2	10.95	10.78	10.78	1.00	YES
				% of room		98.44%	98.44%		
	R2	Residential	Bedroom	Area m2	10.41	10.22	10.21	1.00	YES
				% of room		98.18%	98.13%		
<b>33 Ashburnham Road</b>									
Ground	R1	Residential	Dining Room	Area m2	10.24	9.57	9.54	1.00	YES
				% of room		93.45%	93.16%		
	R3	Residential	Living Room	Area m2	14.52	14.04	12.28	0.87	YES
				% of room		96.69%	84.56%		
First	R1	Residential	Bedroom	Area m2	10.95	10.78	10.78	1.00	YES
				% of room		98.50%	98.49%		
	R2	Residential	Bedroom	Area m2	10.41	10.22	10.22	1.00	YES
				% of room		98.19%	98.19%		
<b>35 Ashburnham Road</b>									
Ground	R1	Residential	Dining Room	Area m2	10.24	10.03	10.04	1.00	YES
				% of room		97.91%	97.96%		
	R3	Residential	Living Room	Area m2	14.52	14.52	14.52	1.00	YES
				% of room		100.00%	100.00%		
First	R1	Residential	Bedroom	Area m2	10.95	10.79	10.79	1.00	YES
				% of room		98.52%	98.52%		
	R2	Residential	Bedroom	Area m2	10.41	10.22	10.22	1.00	YES
				% of room		98.17%	98.13%		
<b>37 Ashburnham Road</b>									
Ground	R1	Residential	Dining Room	Area m2	10.24	10.05	10.05	1.00	YES
				% of room		98.11%	98.11%		
	R3	Residential	Living Room	Area m2	14.52	14.52	14.52	1.00	YES
				% of room		100.00%	100.00%		
First	R1	Residential	Bedroom	Area m2	10.95	10.76	10.76	1.00	YES
				% of room		98.30%	98.30%		
	R2	Residential	Bedroom	Area m2	10.41	10.22	10.22	1.00	YES
				% of room		98.19%	98.18%		
<b>1 Sheridan Road</b>									
Ground	R1	Residential	Dining Room	Area m2	10.24	10.03	10.03	1.00	YES
				% of room		97.91%	97.91%		
	R3	Residential	Living Room	Area m2	14.52	14.25	14.25		

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 Report Title: Daylight Distribution Analysis - Neighbour  
 Date of Analysis: 21/03/2022

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
				% of room		98.10%	98.10%	1.00	YES
First	R1	Residential	Bedroom	Area m2	10.95	10.78	10.78	1.00	YES
				% of room		98.46%	98.45%	1.00	YES
	R2	Residential	Bedroom	Area m2	10.41	10.22	10.22	1.00	YES
				% of room		98.18%	98.17%	1.00	YES
<b>2 Sheridan Road</b>									
Ground	R2	Residential	Residential	Area m2	15.61	15.39	15.39	1.00	YES
				% of room		98.59%	98.59%	1.00	YES
	R3	Residential	Residential	Area m2	15.00	14.84	14.84	1.00	YES
				% of room		98.91%	98.91%	1.00	YES
First	R1	Residential	Residential	Area m2	15.61	15.43	15.43	1.00	YES
				% of room		98.89%	98.88%	1.00	YES
	R2	Residential	Residential	Area m2	15.00	14.76	14.76	1.00	YES
				% of room		98.40%	98.38%	1.00	YES
<b>39 Ashburnham Road</b>									
Ground	R2	Residential	Residential	Area m2	15.72	15.42	15.41	1.00	YES
				% of room		98.10%	98.04%	1.00	YES
First	R1	Residential	Residential	Area m2	15.72	15.51	15.51	1.00	YES
				% of room		98.68%	98.65%	1.00	YES
<b>65-77 Ham Street</b>									
First	R1	Residential	Kitchen	Area m2	10.61	10.03	10.03	1.00	YES
				% of room		94.50%	94.49%	1.00	YES
	R2	Residential	Hallway	Area m2	6.75	6.54	6.54	1.00	YES
				% of room		96.83%	96.83%	1.00	YES
	R3	Residential	Hallway	Area m2	6.75	6.54	6.54	1.00	YES
				% of room		96.82%	96.81%	1.00	YES
	R4	Residential	Kitchen	Area m2	10.46	9.91	9.90	1.00	YES
				% of room		94.71%	94.69%	1.00	YES
	R5	Residential	Kitchen	Area m2	10.46	9.90	9.90	1.00	YES
				% of room		94.69%	94.67%	1.00	YES
	R6	Residential	Hallway	Area m2	6.75	6.54	6.54	1.00	YES
				% of room		96.85%	96.85%	1.00	YES
	R7	Residential	Hallway	Area m2	6.75	6.53	6.53	1.00	YES
				% of room		96.74%	96.74%	1.00	YES
	R8	Residential	Kitchen	Area m2	10.46	9.91	9.91	1.00	YES
				% of room		94.71%	94.70%	1.00	YES
	R9	Residential	Kitchen	Area m2	10.46	9.91	9.91	1.00	YES
				% of room		94.73%	94.72%	1.00	YES
	R10	Residential	Hallway	Area m2	7.05	6.83	6.83	1.00	YES
				% of room		96.87%	96.87%	1.00	YES
Second	R1	Residential	Bedroom	Area m2	10.61	10.21	10.20	1.00	YES
				% of room		96.18%	96.17%	1.00	YES
	R2	Residential	Bathroom	Area m2	6.75	6.29	6.28	1.00	YES
				% of room		93.05%	93.02%	1.00	YES
	R3	Residential	Bathroom	Area m2	6.75	6.30	6.30	1.00	YES
				% of room		93.32%	93.29%	1.00	YES
	R4	Residential	Bedroom	Area m2	10.46	10.10	10.10	1.00	YES
				% of room		96.57%	96.55%	1.00	YES
	R5	Residential	Bedroom	Area m2	10.46	10.10	10.09	1.00	YES
				% of room		96.52%	96.50%	1.00	YES
	R6	Residential	Bathroom	Area m2	6.75	6.29	6.29	1.00	YES
				% of room		93.12%	93.10%	1.00	YES
	R7	Residential	Bathroom	Area m2	6.75	6.29	6.29	1.00	YES
				% of room		93.18%	93.17%	1.00	YES
	R8	Residential	Bedroom	Area m2	10.46	10.10	10.10	1.00	YES
				% of room		96.54%	96.53%	1.00	YES

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Daylight Distribution Analysis - Neighbour  
 Date of Analysis: 21/03/2022

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R9	Residential	Bedroom	Area m2	10.46	10.10	10.10		
				% of room		96.61%	96.59%	1.00	YES
	R10	Residential	Bathroom	Area m2	7.05	6.55	6.55		
				% of room		92.91%	92.91%	1.00	YES
<b>2-14 Ashburnham Road</b>									
First	R1	Residential	Kitchen	Area m2	10.61	9.72	9.72		
				% of room		91.61%	91.61%	1.00	YES
	R2	Residential	Hallway	Area m2	6.75	5.22	5.22		
				% of room		77.32%	77.32%	1.00	YES
	R3	Residential	Hallway	Area m2	6.75	6.17	6.17		
				% of room		91.31%	91.31%	1.00	YES
	R4	Residential	Kitchen	Area m2	10.46	9.87	9.87		
				% of room		94.40%	94.40%	1.00	YES
	R5	Residential	Kitchen	Area m2	10.46	9.91	9.91		
				% of room		94.76%	94.76%	1.00	YES
	R6	Residential	Hallway	Area m2	6.75	6.54	6.54		
				% of room		96.83%	96.83%	1.00	YES
	R7	Residential	Hallway	Area m2	6.75	6.54	6.54		
				% of room		96.86%	96.86%	1.00	YES
	R8	Residential	Kitchen	Area m2	10.46	9.89	9.89		
				% of room		94.53%	94.53%	1.00	YES
	R9	Residential	Kitchen	Area m2	10.46	9.91	9.91		
				% of room		94.73%	94.72%	1.00	YES
	R10	Residential	Hallway	Area m2	6.75	6.54	6.54		
				% of room		96.85%	96.85%	1.00	YES
	R11	Residential	Hallway	Area m2	6.75	6.54	6.54		
				% of room		96.76%	96.76%	1.00	YES
	R12	Residential	Kitchen	Area m2	10.46	9.86	9.85		
				% of room		94.22%	94.16%	1.00	YES
	R13	Residential	Kitchen	Area m2	10.46	9.86	9.86		
				% of room		94.30%	94.28%	1.00	YES
	R14	Residential	Hallway	Area m2	6.75	6.54	6.53		
				% of room		96.83%	96.74%	1.00	YES
	R15	Residential	Hallway	Area m2	6.75	6.54	6.08		
				% of room		96.79%	90.07%	0.93	YES
	R16	Residential	Kitchen	Area m2	10.46	9.89	9.53		
				% of room		94.54%	91.14%	0.96	YES
Second	R1	Residential	Bedroom	Area m2	10.61	10.22	10.22		
				% of room		96.30%	96.30%	1.00	YES
	R2	Residential	Bathroom	Area m2	6.75	6.30	6.30		
				% of room		93.19%	93.19%	1.00	YES
	R3	Residential	Bathroom	Area m2	6.75	6.29	6.29		
				% of room		93.17%	93.17%	1.00	YES
	R4	Residential	Bedroom	Area m2	10.46	10.07	10.07		
				% of room		96.23%	96.23%	1.00	YES
	R5	Residential	Bedroom	Area m2	10.46	10.10	10.10		
				% of room		96.58%	96.58%	1.00	YES
	R6	Residential	Bathroom	Area m2	6.75	6.32	6.32		
				% of room		93.51%	93.51%	1.00	YES
	R7	Residential	Bathroom	Area m2	6.75	6.30	6.30		
				% of room		93.19%	93.19%	1.00	YES
	R8	Residential	Bedroom	Area m2	10.46	10.07	10.07		
				% of room		96.31%	96.31%	1.00	YES
	R9	Residential	Bedroom	Area m2	10.46	10.10	10.10		
				% of room		96.61%	96.60%	1.00	YES
	R10	Residential	Bathroom	Area m2	6.75	6.34	6.34		
				% of room		93.83%	93.82%	1.00	YES
	R11	Residential	Bathroom	Area m2	6.75	6.19	6.19		
				% of room		91.62%	91.58%	1.00	YES
	R12	Residential	Bedroom	Area m2	10.46	10.03	10.03		

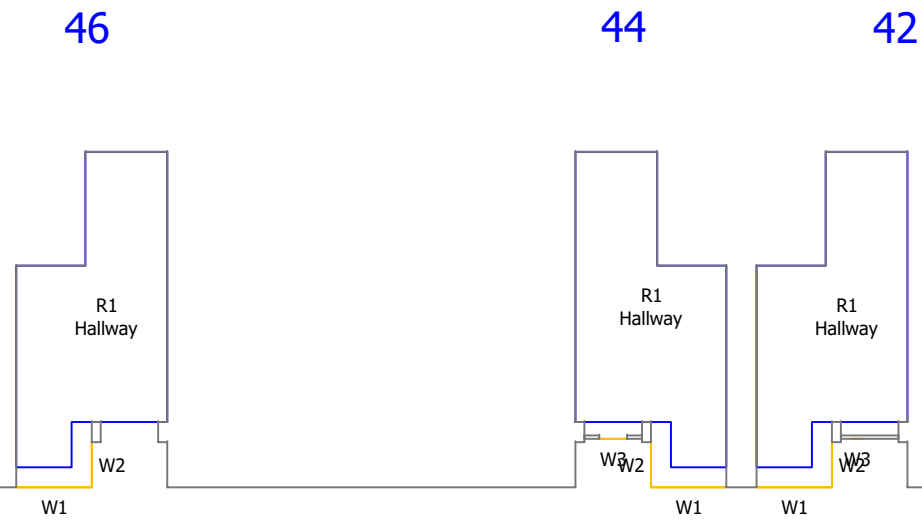
Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Daylight Distribution Analysis - Neighbour  
 Date of Analysis: 21/03/2022

Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Existing	Lit Area Proposed	Pr/Ex	Meets BRE Criteria
	R13	Residential	Bedroom	% of room Area m2	10.46	95.89% 10.04	95.86% 10.04	1.00	YES
	R14	Residential	Bathroom	% of room Area m2	6.75	96.01% 6.32	95.99% 6.31	1.00	YES
	R15	Residential	Bathroom	% of room Area m2	6.75	93.52% 6.30	93.47% 6.29	1.00	YES
	R16	Residential	Bedroom	% of room Area m2	10.46	93.29% 10.07	93.09% 10.06	1.00	YES
				% of room		96.28%	96.15%	1.00	YES
<b>The Woodville Centre</b>									
Ground	R1	School	Class Room	Area m2	58.61	58.48	58.42		
				% of room		99.77%	99.67%	1.00	YES
	R2	School	Class Room	Area m2	94.34	94.34	93.54		
				% of room		100.00%	99.15%	0.99	YES
	R3	School	Class Room	Area m2	14.49	14.28	13.10		
				% of room		98.55%	90.44%	0.92	YES
	R4	School	Class Room	Area m2	18.89	18.89	18.88		
				% of room		100.00%	99.94%	1.00	YES

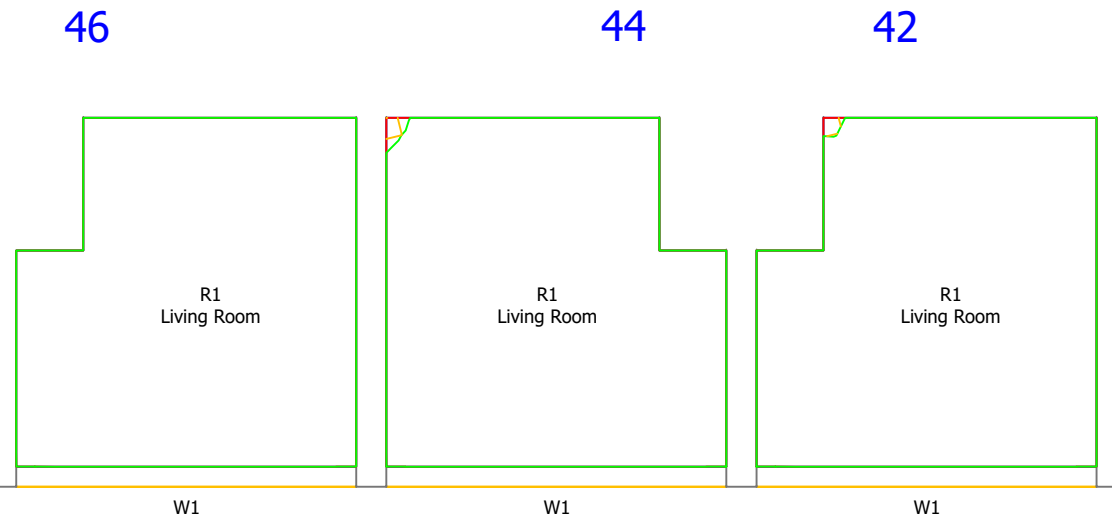
# Appendix 5

## NSL Contour Plots

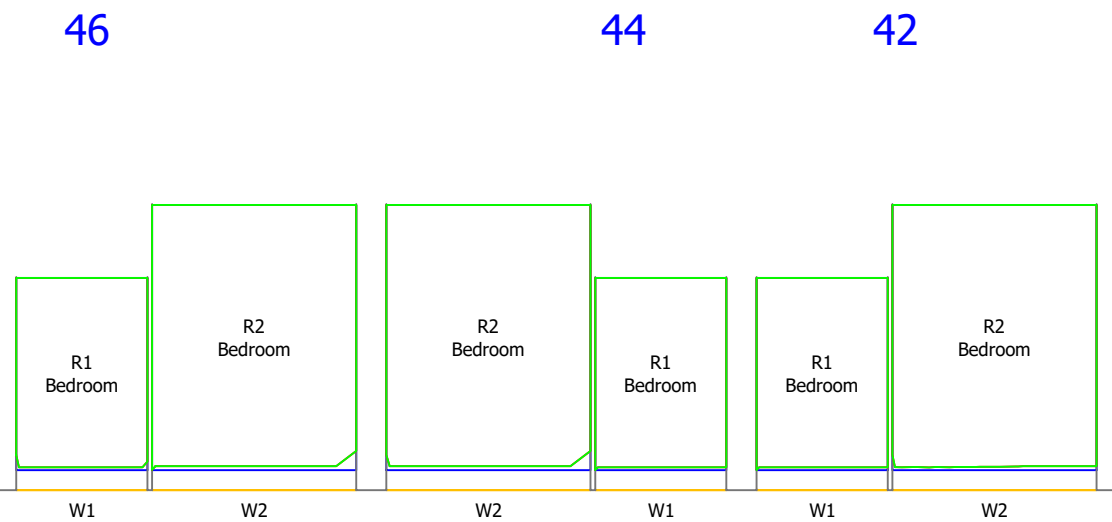
Ground Floor  
Woodville Road



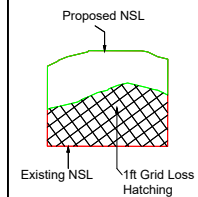
1st Floor  
Woodville Road



2nd Floor  
Woodville Road



Key:



Sources of information

Existing building  
Accuracies: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings  
Accuracies: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building  
Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

Project Name

Ham Close, Richmond

Drawing Title

Daylight Distribution

Contour Plot

Drawn By

MF

Project No.

HA167\_22

Scale @ A3

-

Drawing No.

Rel 02/20

Date

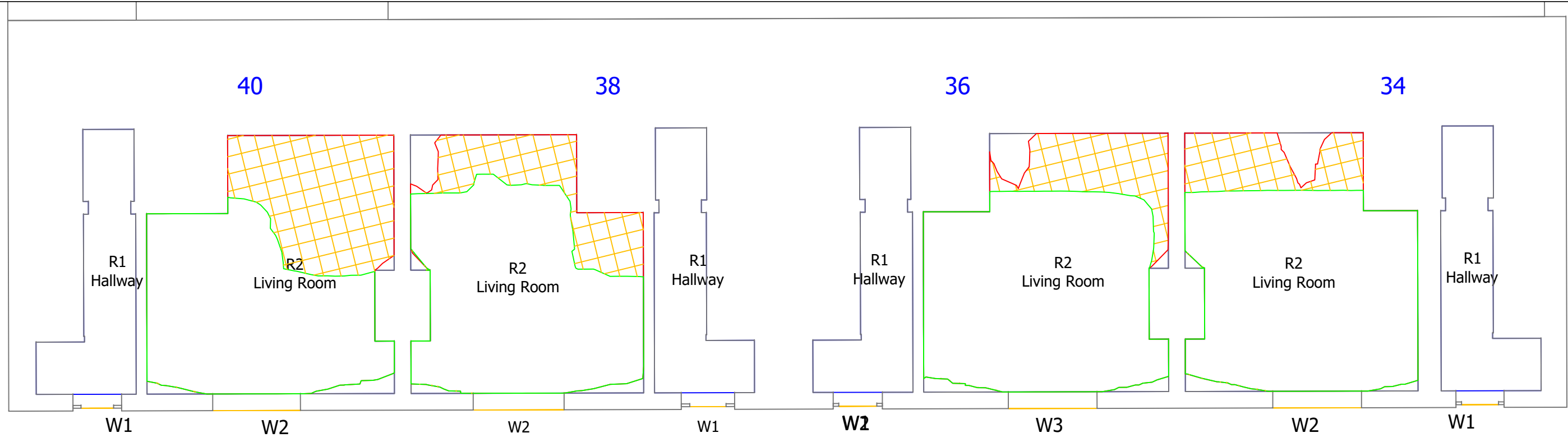
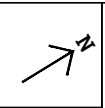
March 2022

Revision

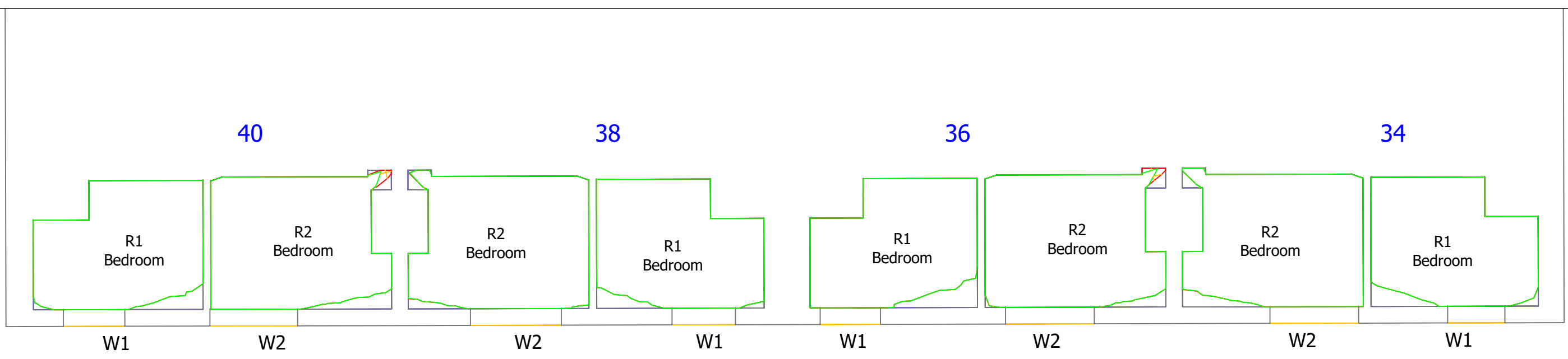
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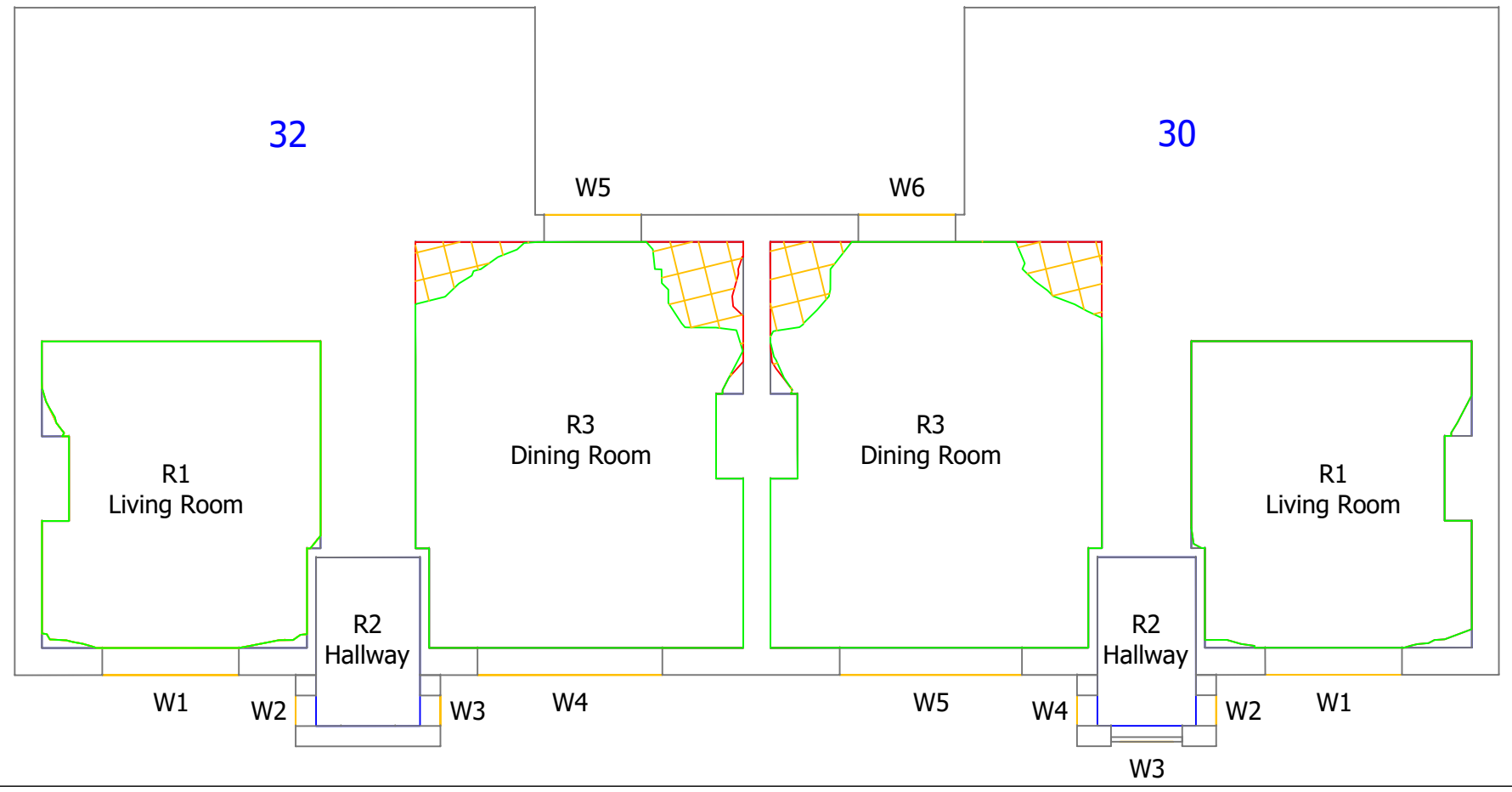
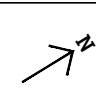


Ground Floor  
Woodville Road

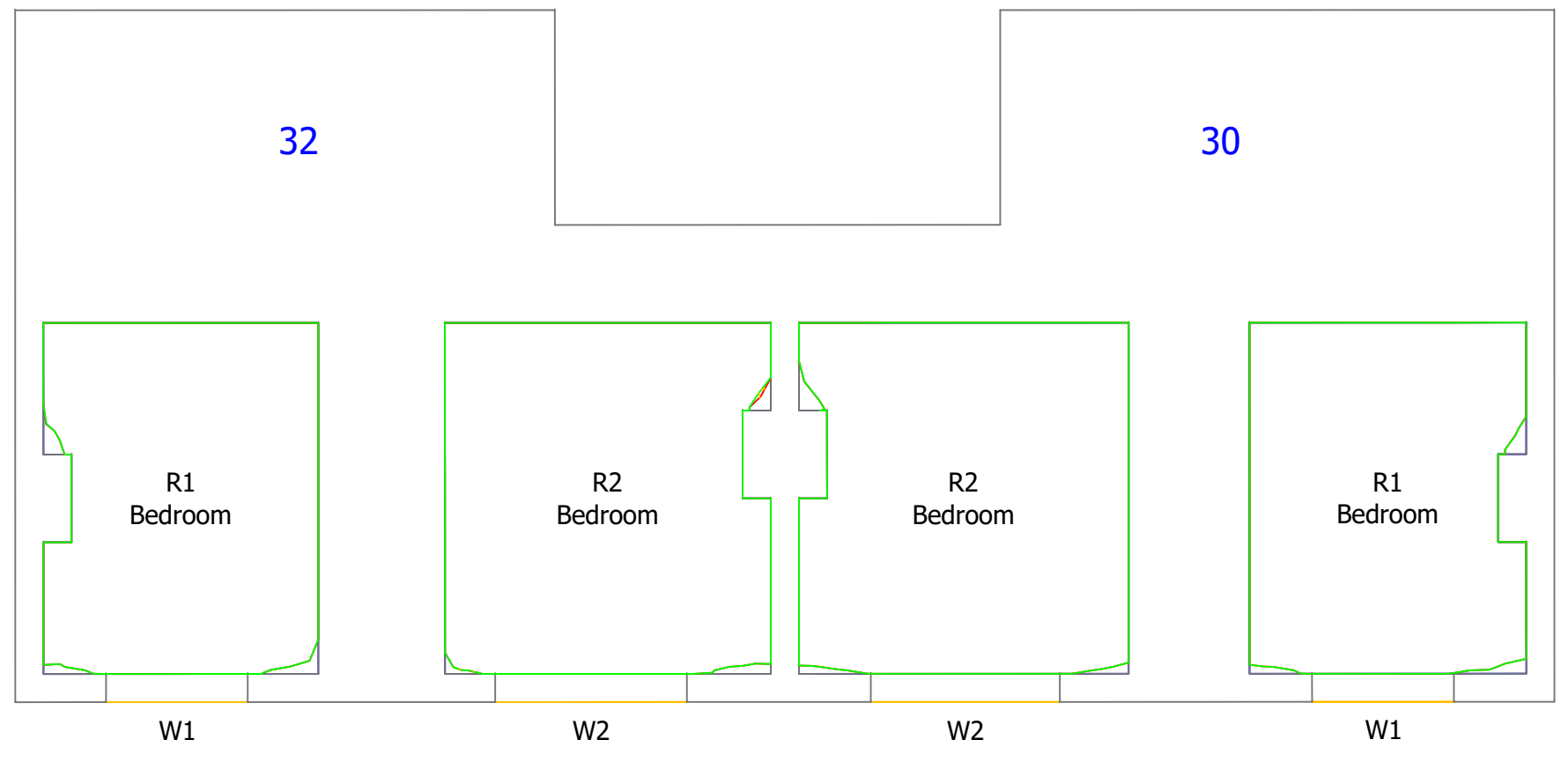


1st Floor  
Woodville Road

<b>Key:</b> 	<b>Sources of information</b> <table border="0"> <tr> <td style="vertical-align: top;"> <b>Existing building</b>            Accuties: 28 Jan 2022            002429_Ham Close, Richmond_HD_MASTER         </td> <td style="vertical-align: top;"> <b>Surrounding buildings</b>            Accuties: 28 Jan 2022            002429_Ham Close, Richmond_HD_MASTER         </td> <td style="vertical-align: top;"> <b>Proposed building</b>            Info received 25 Feb 2022            2D scheme freeze drawing pack            Info received 28 Feb 2022            3D model         </td> </tr> </table>			<b>Existing building</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Surrounding buildings</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model	<b>Project Name</b> Ham Close, Richmond	<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
	<b>Existing building</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Surrounding buildings</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model							
<b>Daylight Distribution</b> <b>Contour Plot</b>			<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/21	<b>Revision</b> -	 65 Gresham Street, London, EC2V 7NQ 08449 02 03 04 www.avisonyoung.co.uk				

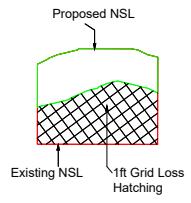


Ground Floor  
Woodville Road



1st Floor  
Woodville Road

Key:



Sources of information		
Existing building Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Surrounding buildings Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Proposed building Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model

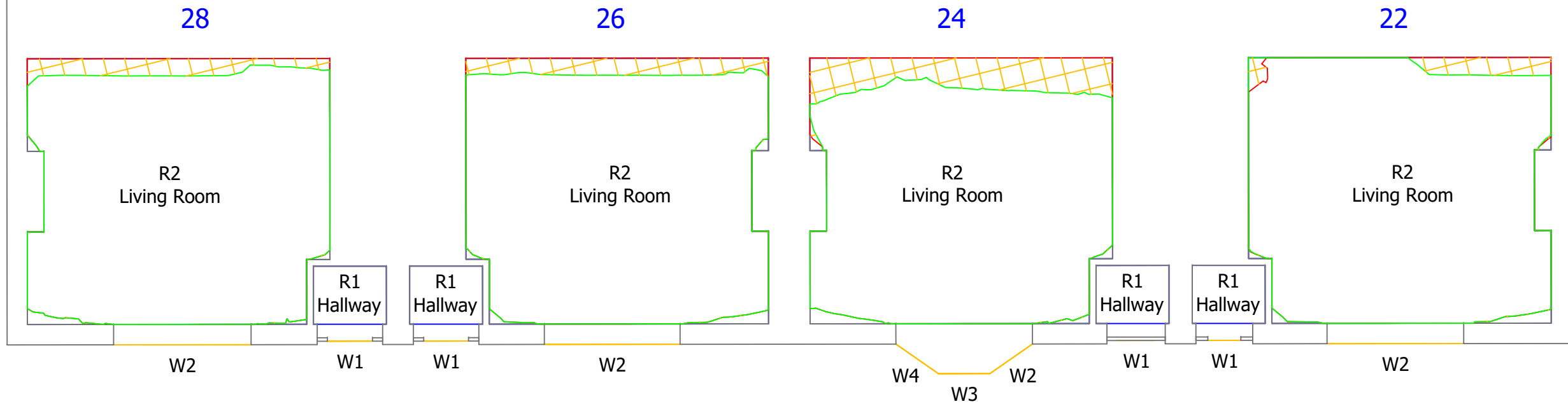
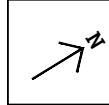
Project Name Ham Close, Richmond
Drawing Title Daylight Distribution Contour Plot

Drawn By MF	Scale @ A3 -	Date March 2022
Project No. HA167_22	Drawing No. Rel 02/22	Revision -

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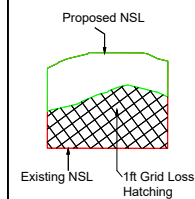


Ground Floor  
Woodville Road



1st Floor  
Woodville Road

Key:



Sources of information

Existing building  
Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings  
Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building  
Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

Project Name  
Ham Close, Richmond

Drawing Title  
Daylight Distribution  
Contour Plot

Drawn By  
MF

Project No.  
HA167\_22

Scale @ A3  
-

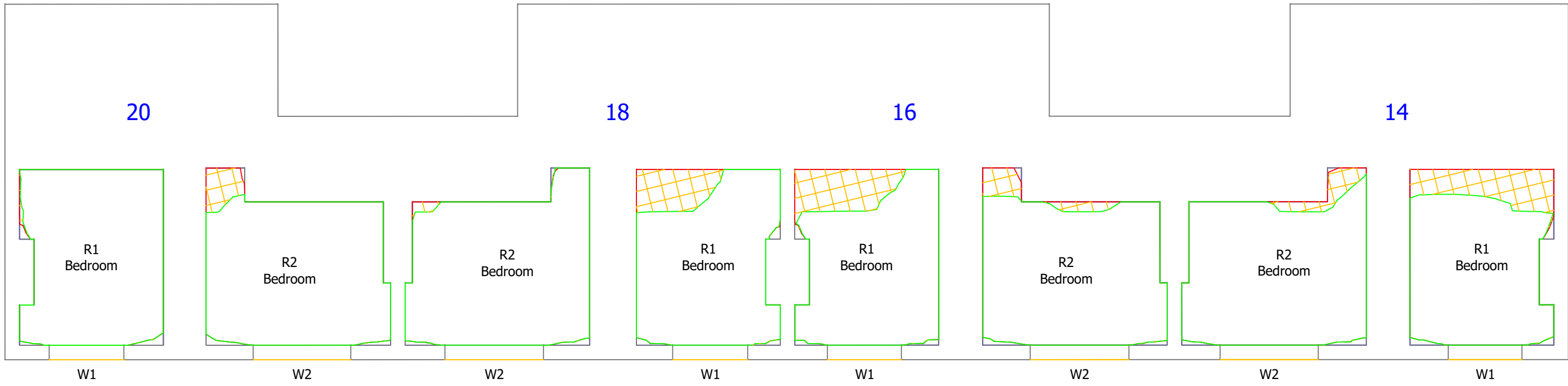
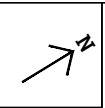
Drawing No.  
Rel 02/23

Date  
March 2022

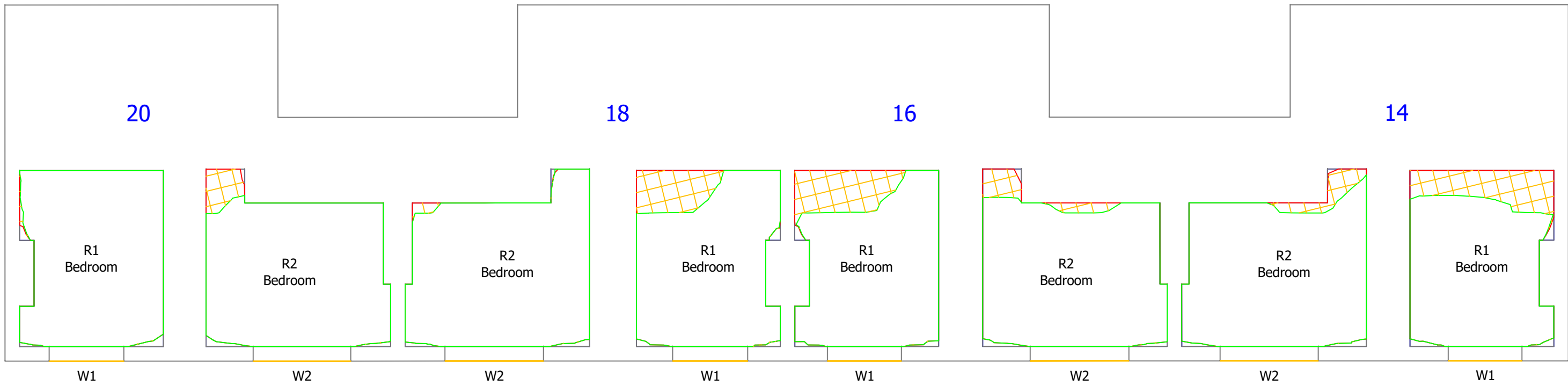
Revision  
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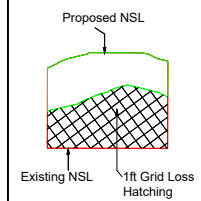


Ground Floor  
Woodville Road



1st Floor  
Woodville Road

Key:



Sources of information

Existing building  
Accuracies: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings  
Accuracies: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building  
Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

Project Name  
Ham Close, Richmond

Drawing Title  
Daylight Distribution  
Contour Plot

Drawn By  
MF

Project No.  
HA167\_22

Scale @ A3  
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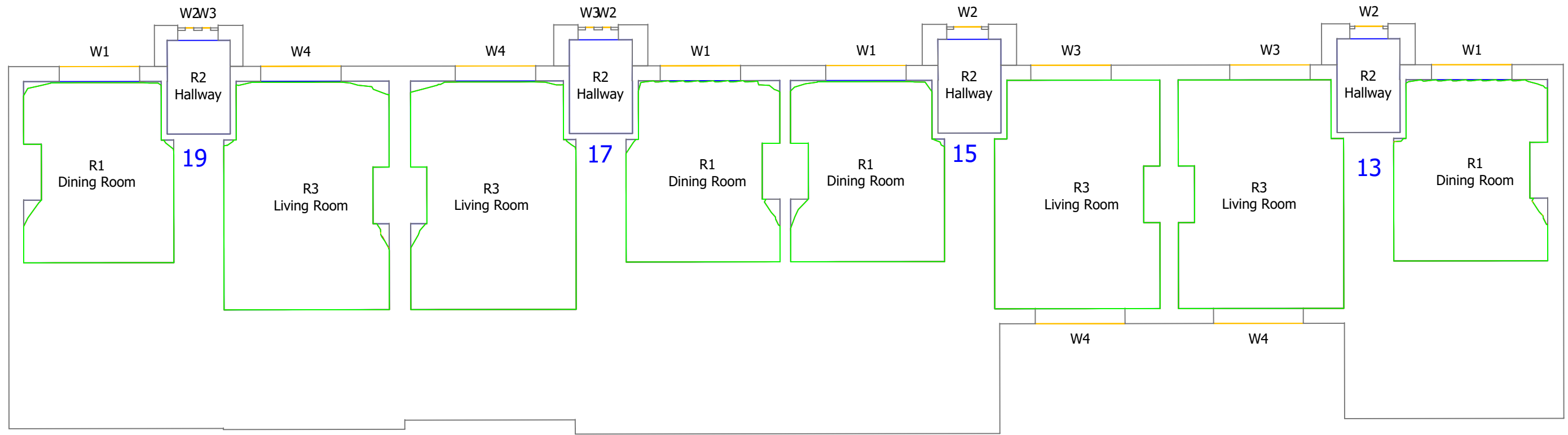
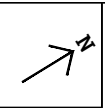
Drawing No.  
Rel 02/24

Date  
March 2022

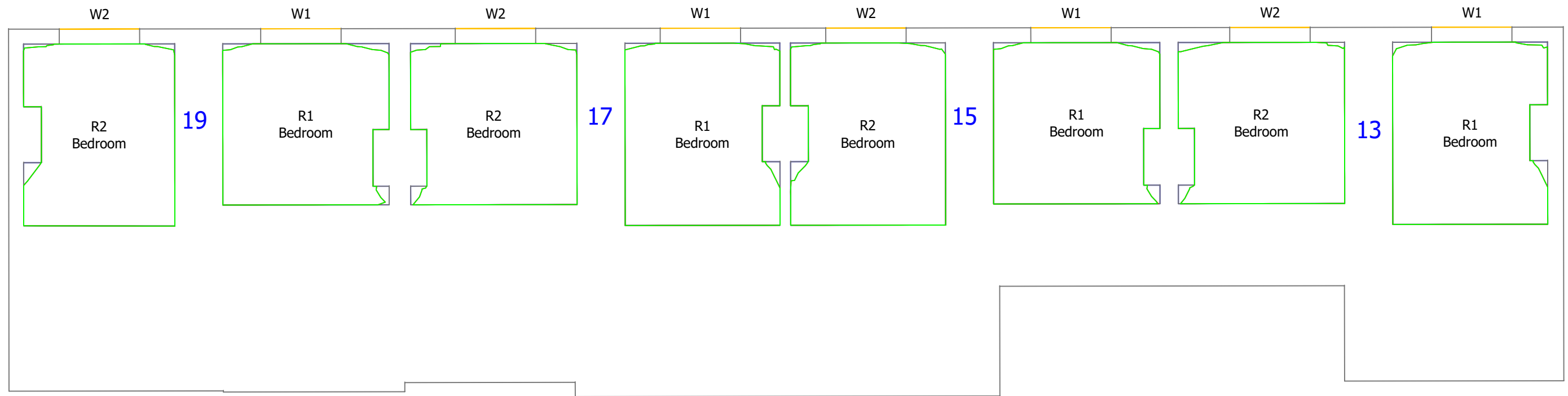
Revision  
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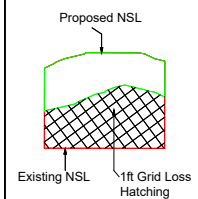


Ground Floor  
Ashburnham Road



1st Floor  
Ashburnham Road

Key:



Sources of information

Existing building  
Accuracies: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings  
Accuracies: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building  
Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

Project Name  
Ham Close, Richmond

Drawing Title  
Daylight Distribution  
Contour Plot

Drawn By  
MF

Project No.  
HA167\_22

Scale @ A3  
-

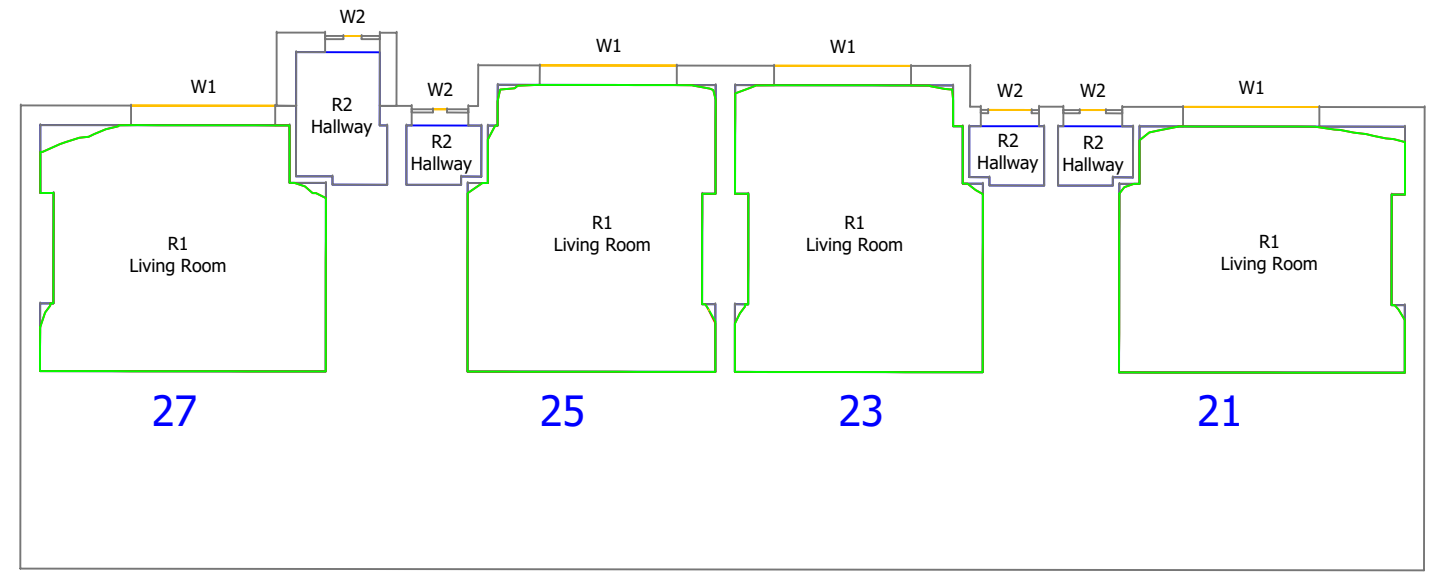
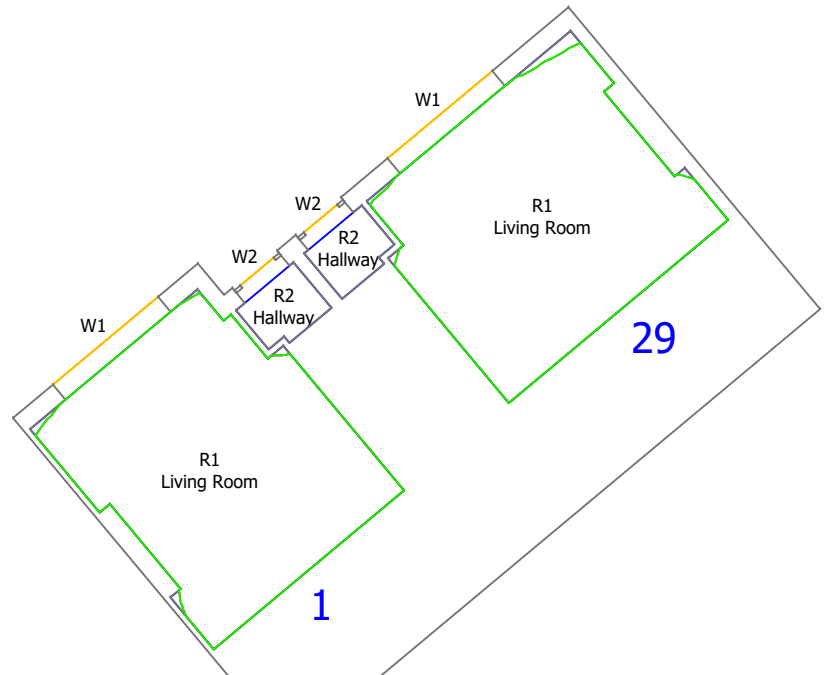
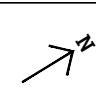
Drawing No.  
Rel 02/25

Date  
March 2022

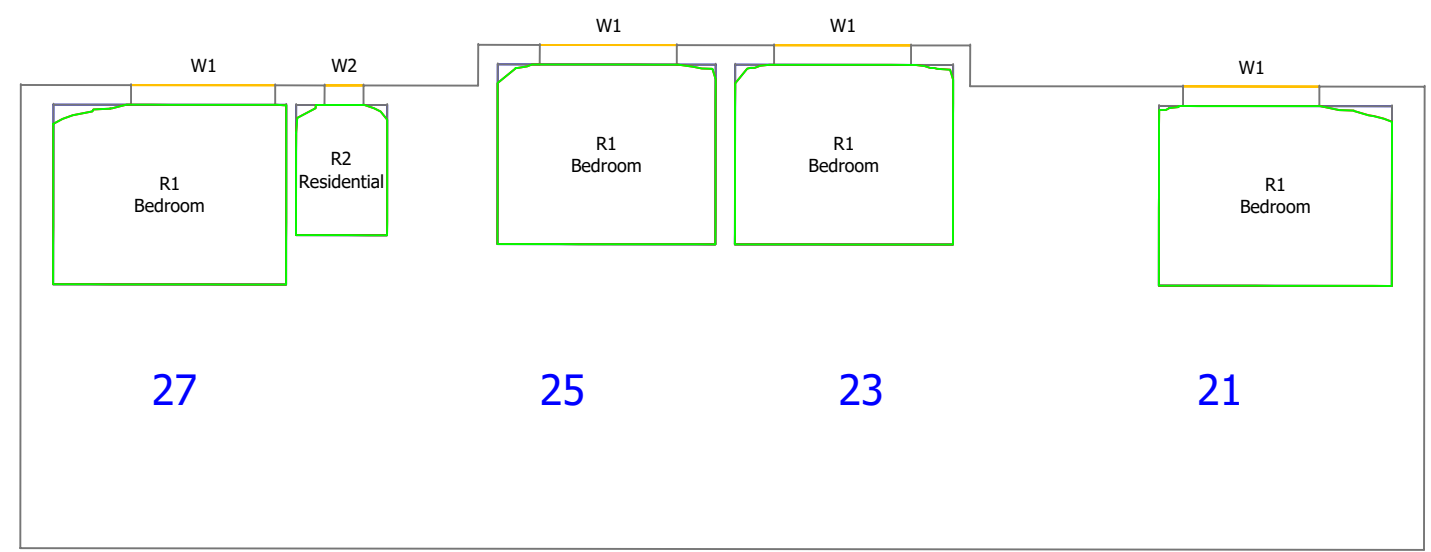
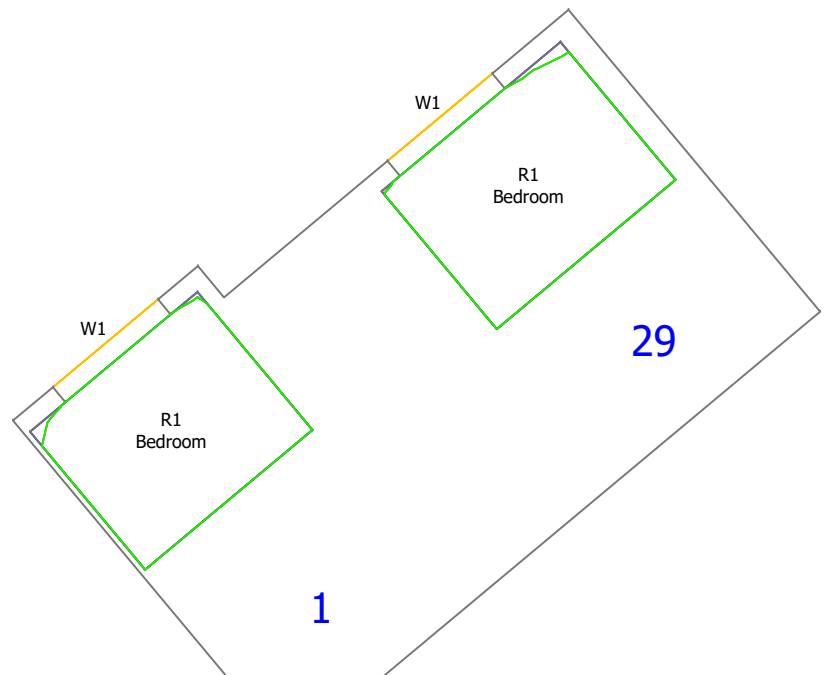
Revision  
-



65 Gresham Street, London, EC2V 7NQ  
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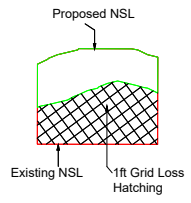


Ground Floor  
Ashburnham Road/Mowbray Road



1st Floor  
Ashburnham Road/Mowbray Road

Key:



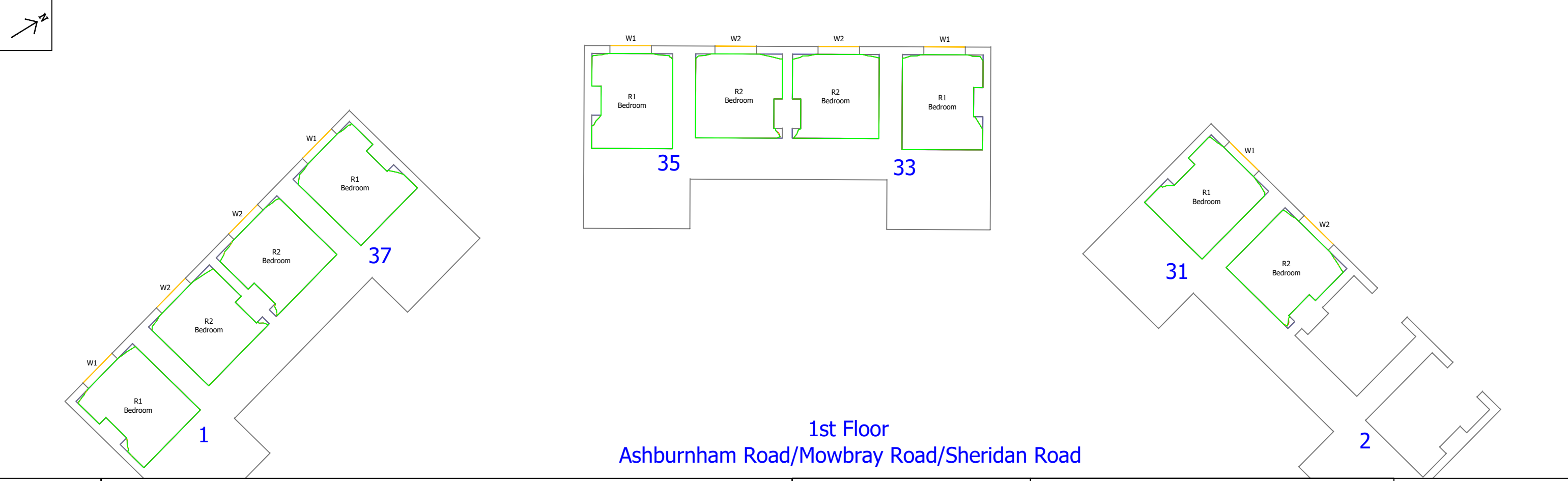
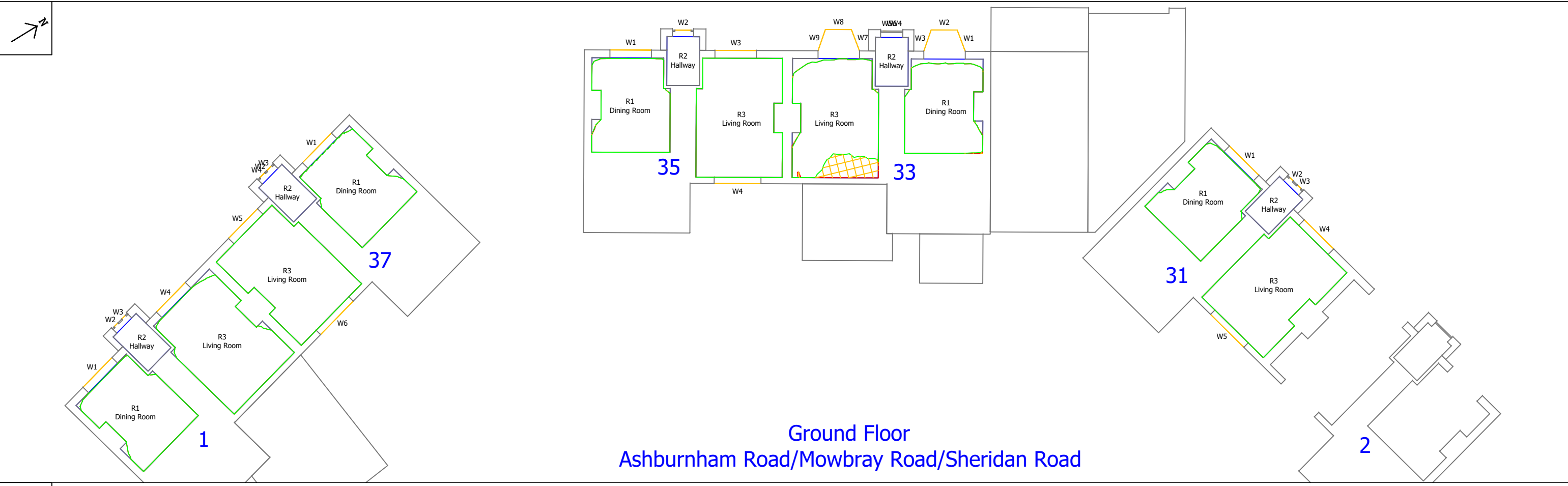
Sources of information	
<b>Existing building</b> Accuracies: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Surrounding buildings</b> Accuracies: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER
<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model	

<b>Project Name</b>	Ham Close, Richmond
<b>Drawing Title</b>	Daylight Distribution
<b>Contour Plot</b>	

<b>Drawn By</b>	MF	<b>Scale @ A3</b>	-	<b>Date</b>	March 2022
<b>Project No.</b>	HA167_22	<b>Drawing No.</b>	Rel 02/26	<b>Revision</b>	-

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**Key:**

- Proposed NSL
- Existing NSL
- 1ft Grid Loss Hatching

**Sources of information**

<p><b>Existing building</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Surrounding buildings</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>
--	--	--

**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/27	<b>Revision</b> -

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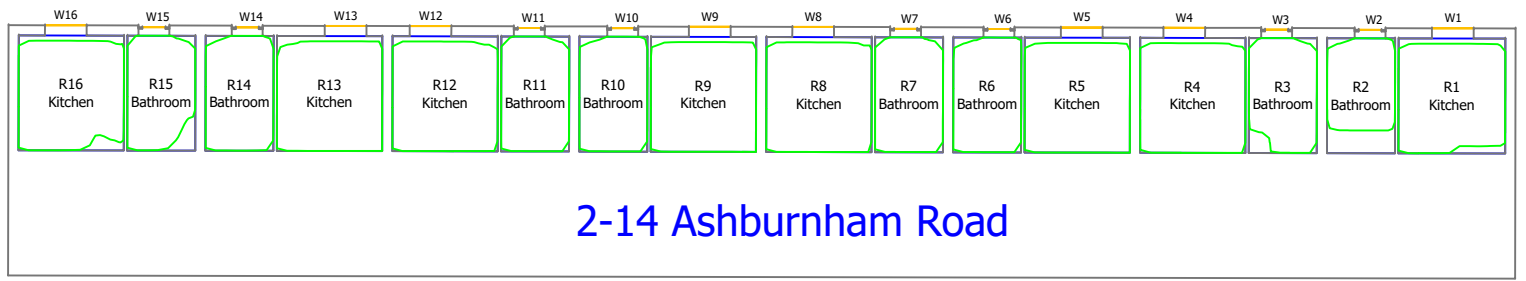
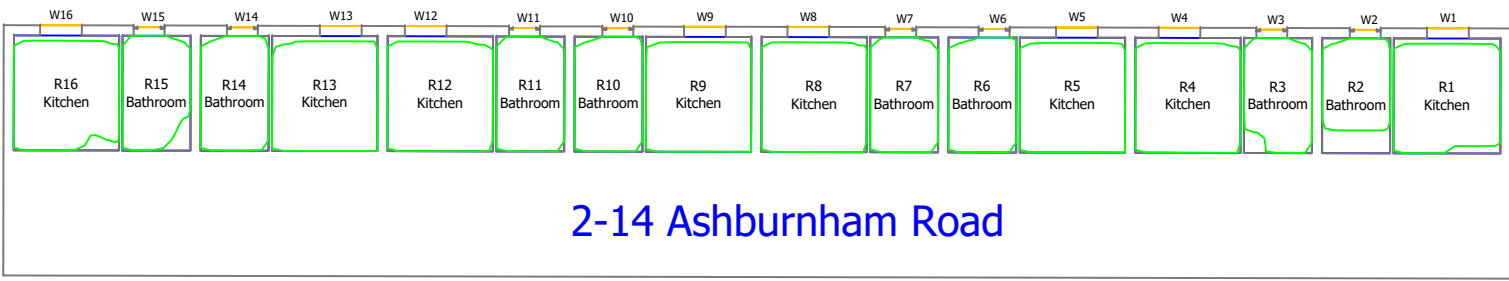
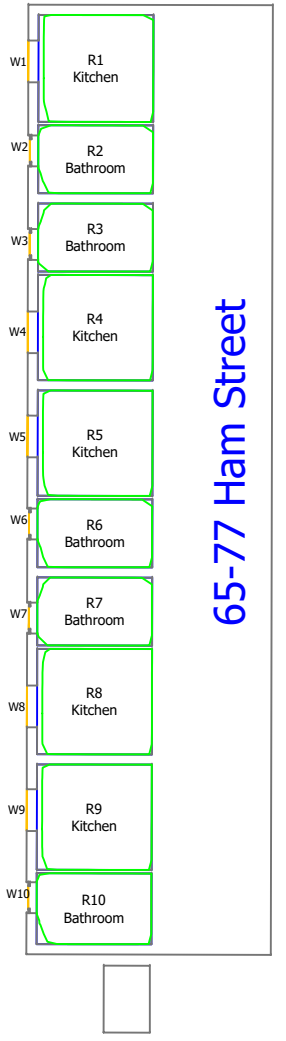
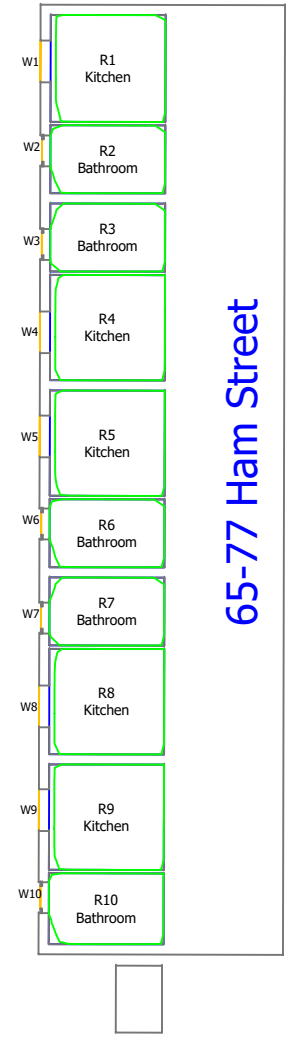
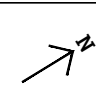


<p>Key:</p>	<p><b>Sources of information</b></p>		
	<p><b>Existing building</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Surrounding buildings</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>

<p><b>Project Name</b> Ham Close, Richmond</p>
<p><b>Drawing Title</b> Daylight Distribution Contour Plot</p>

<p><b>Drawn By</b> MF</p>	<p><b>Scale @ A3</b> -</p>	<p><b>Date</b> March 2022</p>
<p><b>Project No.</b> HA167_22</p>	<p><b>Drawing No.</b> Rel 02/28</p>	<p><b>Revision</b> -</p>

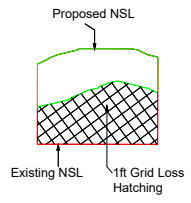
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1st Floor

2nd Floor

Key:



Sources of information

<p><b>Existing building</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Surrounding buildings</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>
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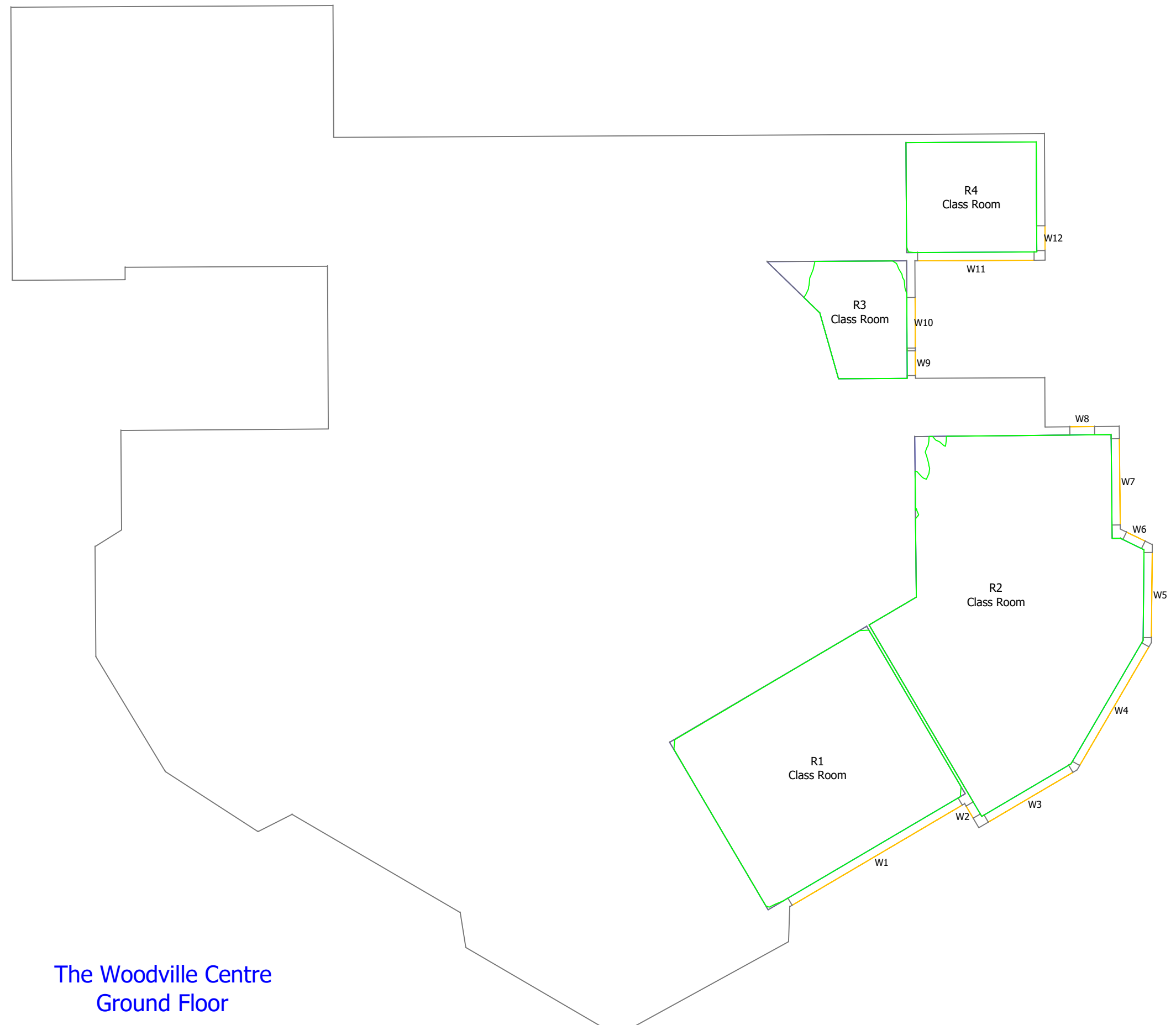
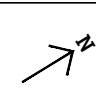
**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/29	<b>Revision</b> -

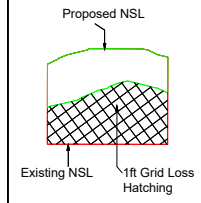


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The Woodville Centre  
Ground Floor

Key:



Sources of information

**Existing building**  
Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

**Surrounding buildings**  
Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

**Proposed building**  
Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

**Drawn By**  
MF

**Project No.**  
HA167\_22

**Scale @ A3**  
-

**Drawing No.**  
Rel 02/90

**Date**  
March 2022

**Revision**  
-



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# Appendix 6

## Transient Overshadowing Analysis Plots



07:00







07:00



08:00



08:00

- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st March

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

Rel 02/300

**Revision**

-

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09:00







09:00



10:00



10:00

- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st March

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

Rel 02/301

**Revision**

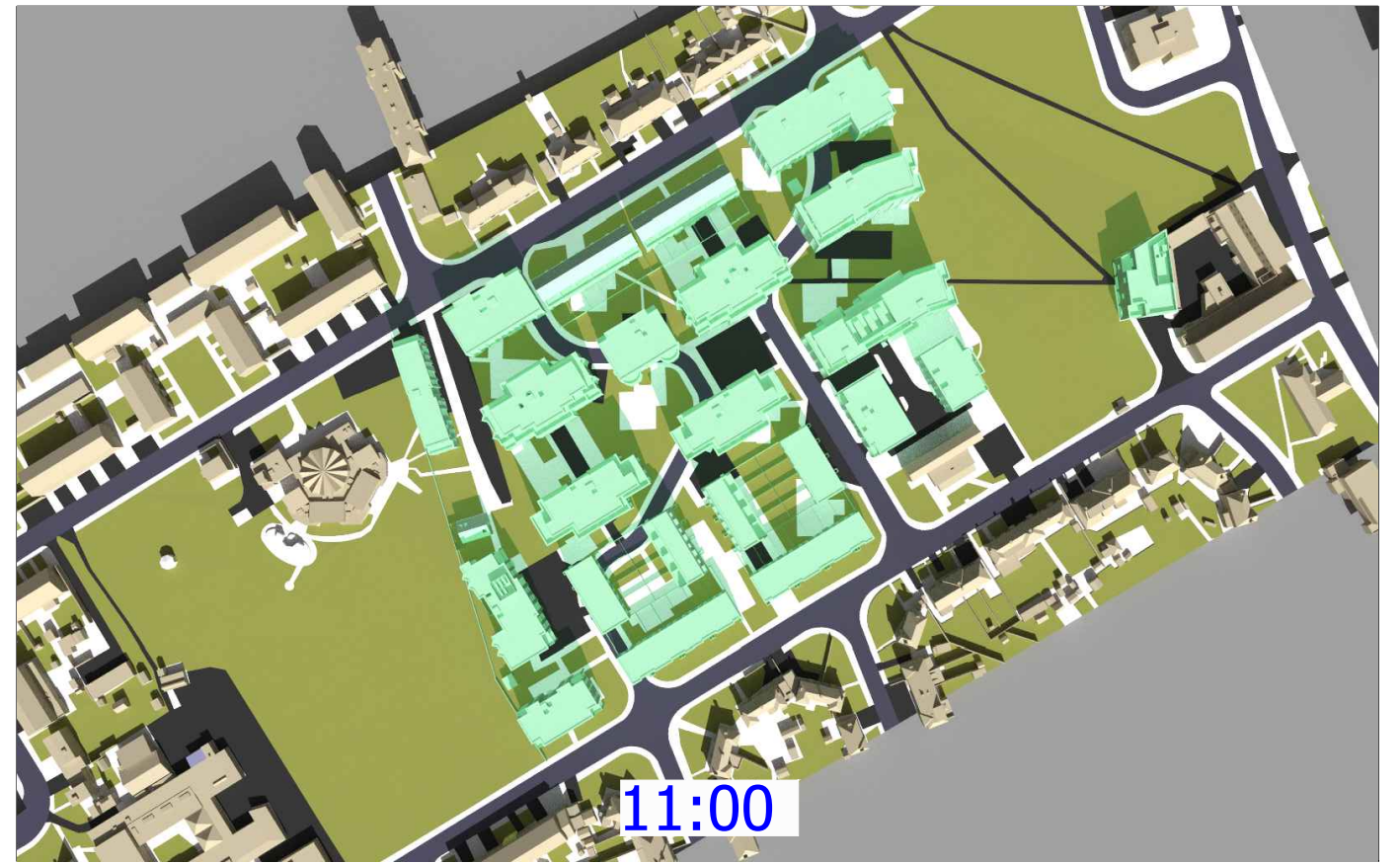
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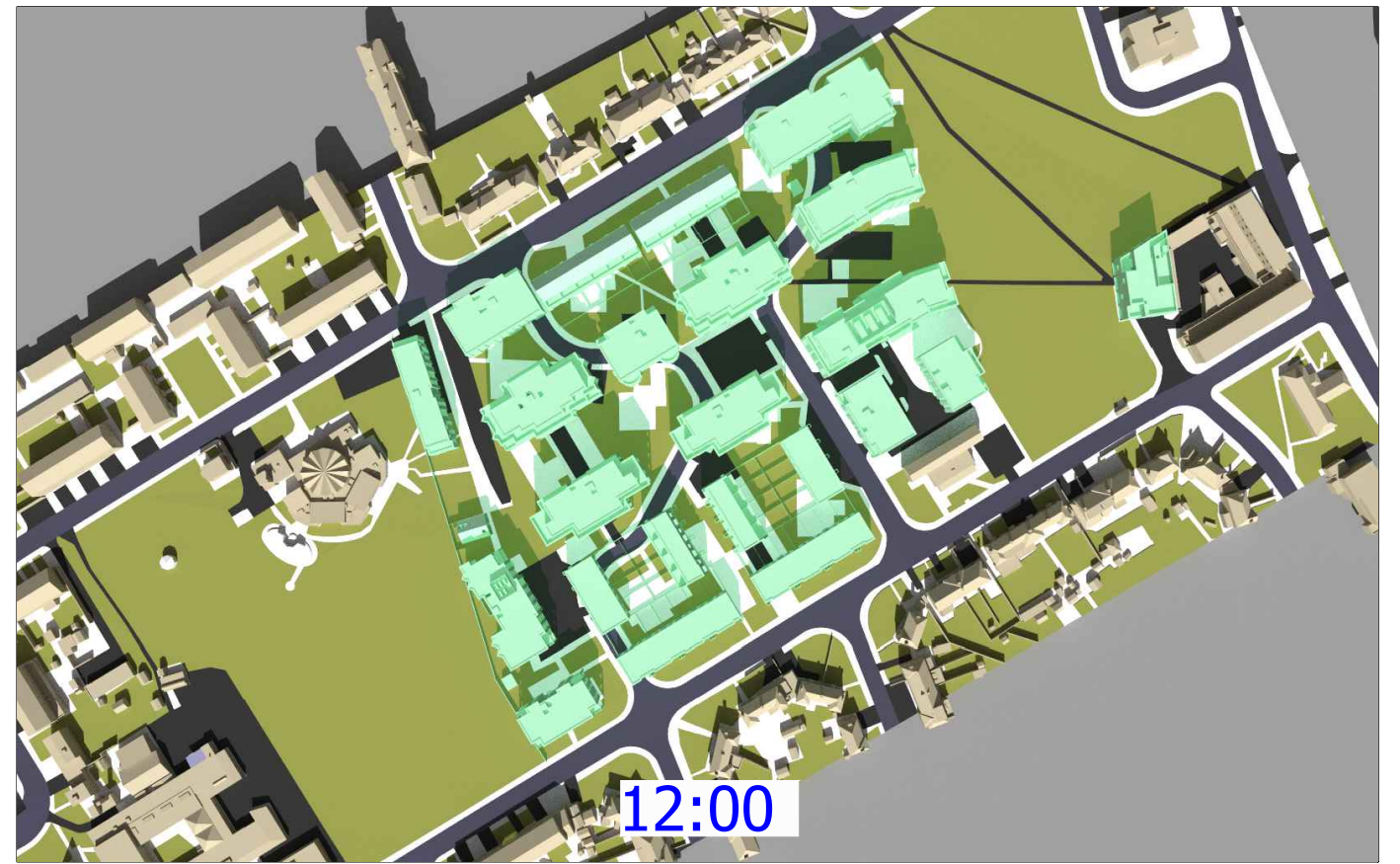
11:00



11:00







12:00



12:00

Key:

	Existing
	Proposed
	Consented
	Surrounding Context

Sources of information

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

Project Name

Ham Close, Richmond

Drawing Title

Transient Shadow analysis

21st March

Drawn By

MF

Project No.

HA167\_22

Scale @ A3

-

Drawing No.

Rel 02/302

Date

March 2022

Revision

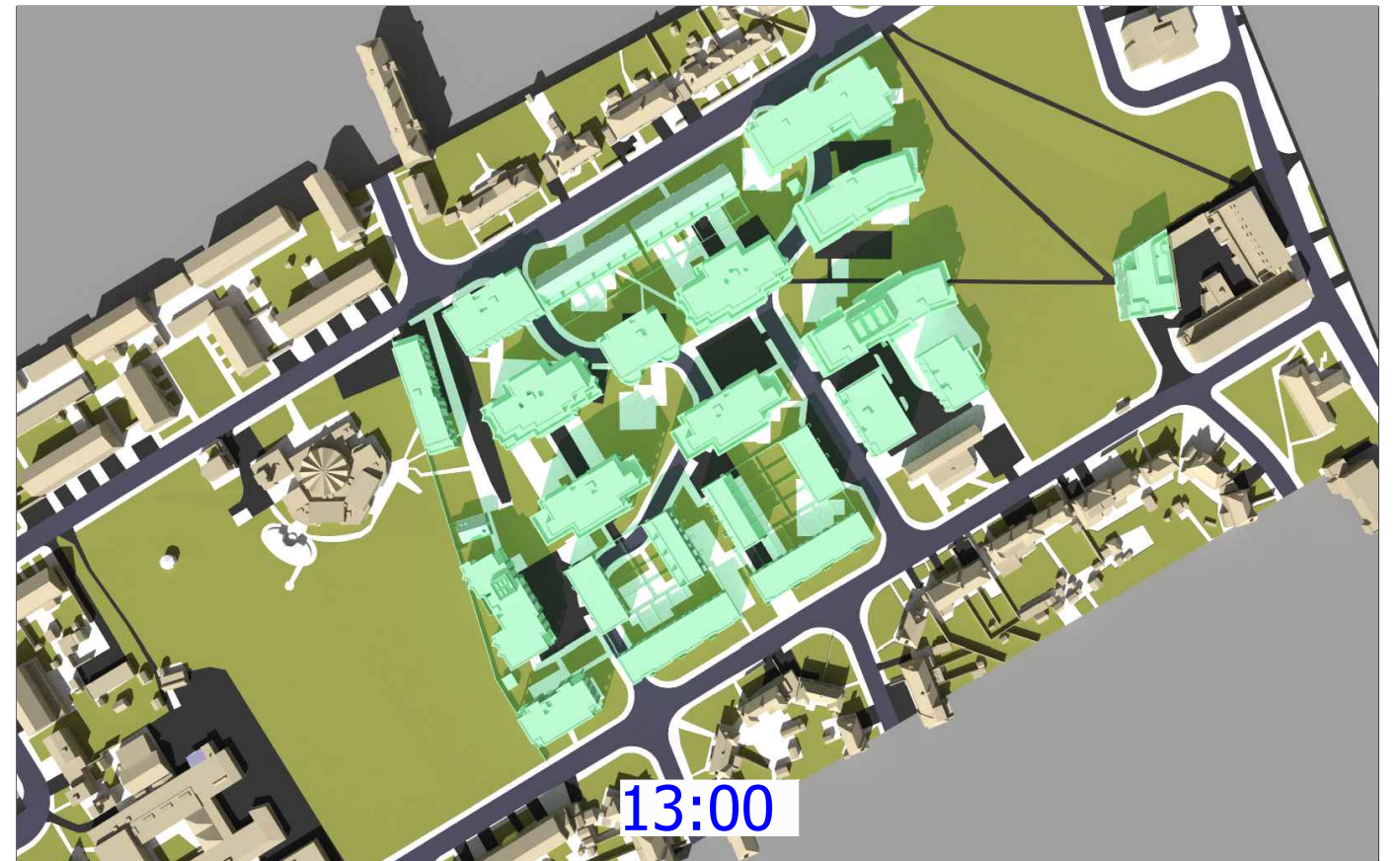
-

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13:00







13:00



14:00



14:00

- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st March

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

Rel 02/303

**Revision**

-

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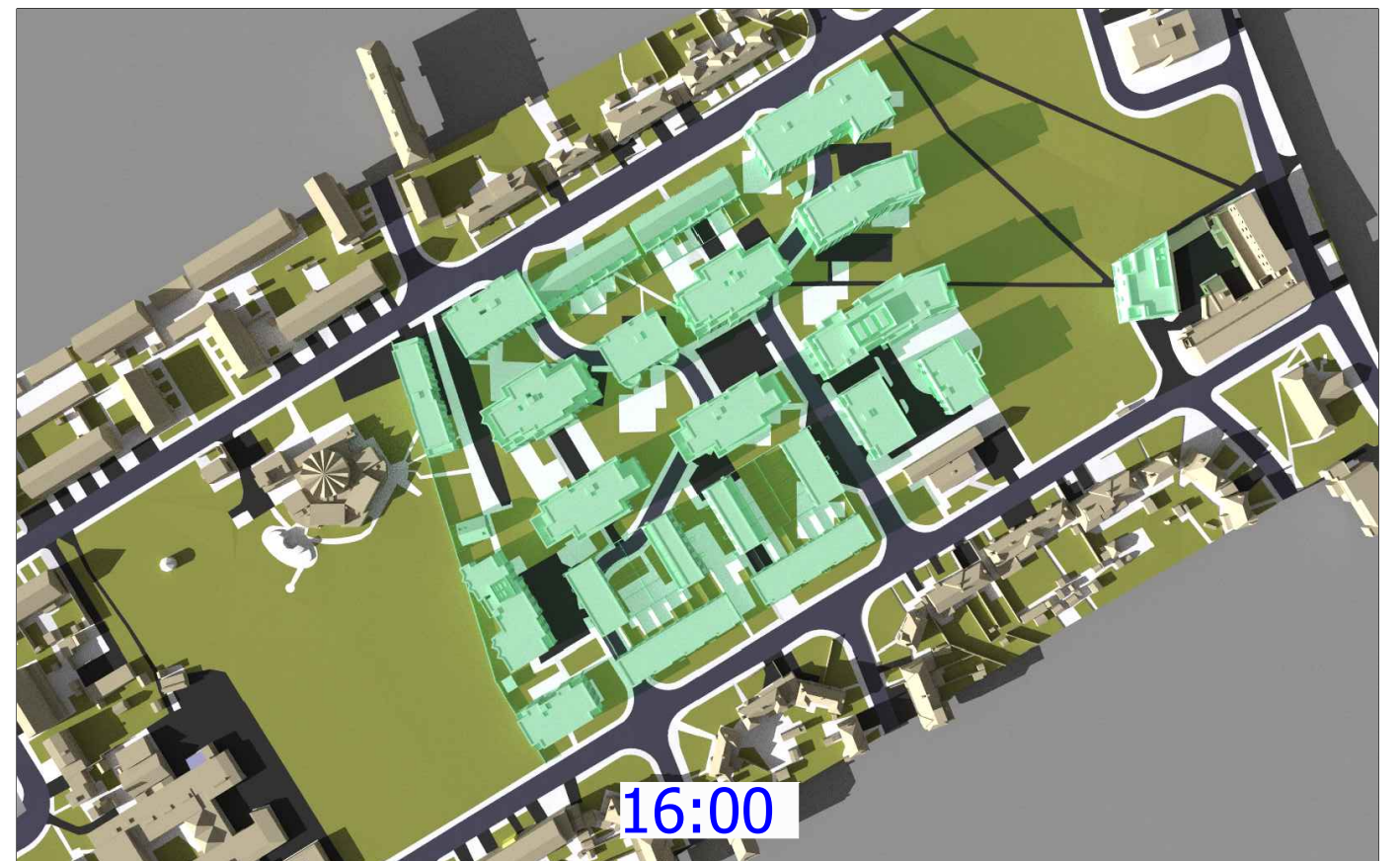
15:00







15:00



16:00



16:00

- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st March

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

Rel 02/304

**Revision**

-

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17:00







17:00



18:00



18:00

- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st March

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

Rel 02/305

**Revision**

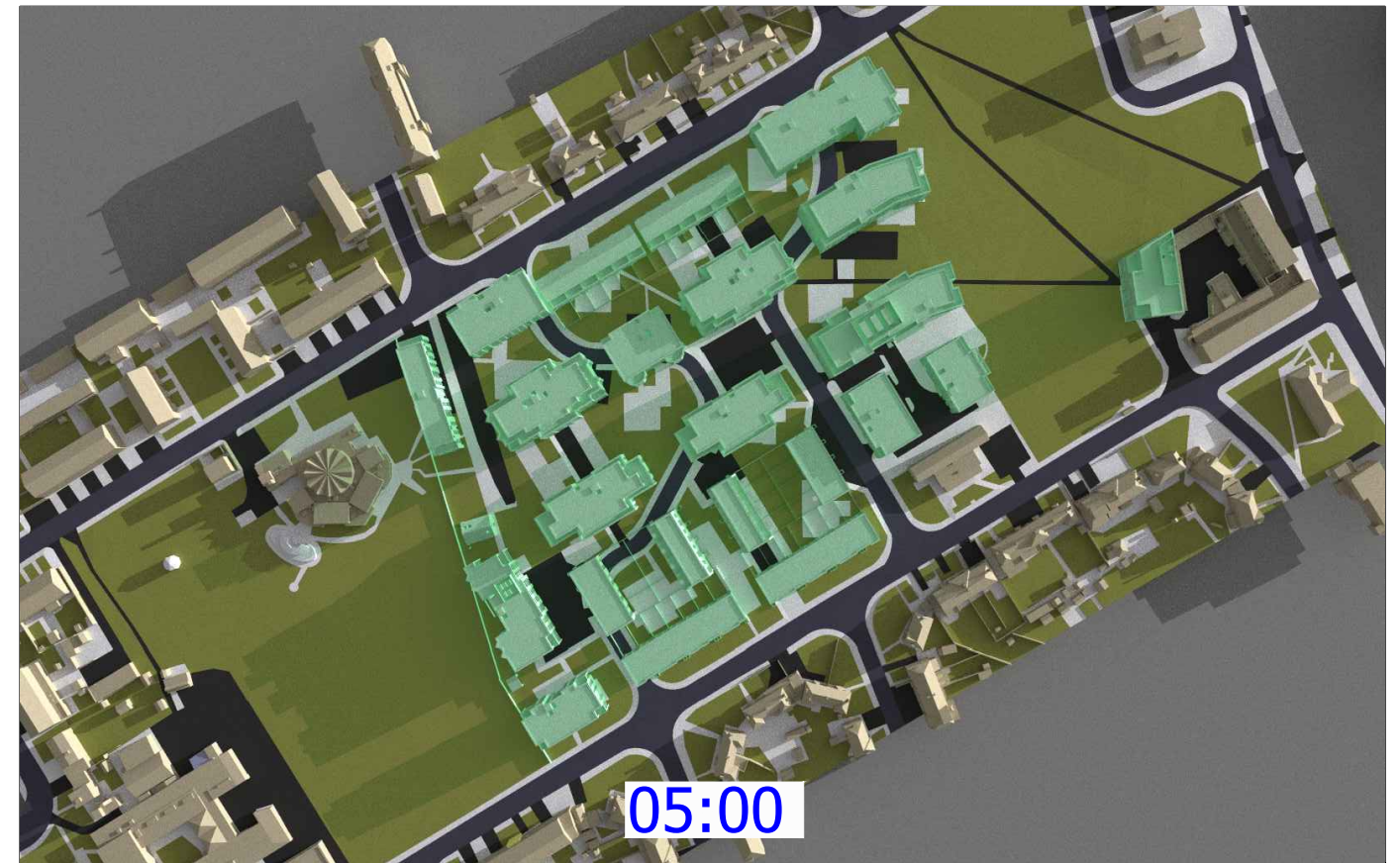
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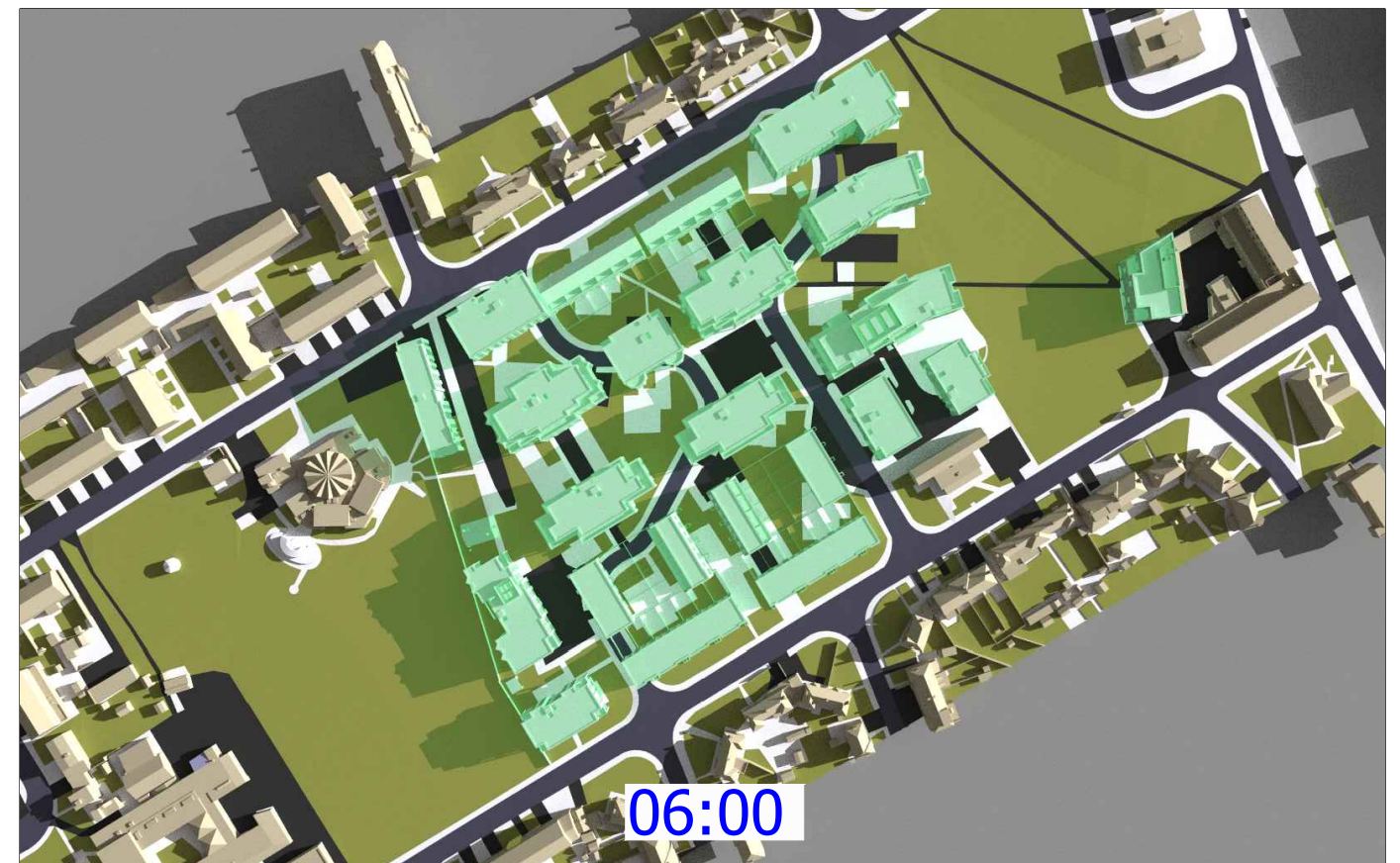
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05:00







06:00



06:00

Key:

	Existing
	Proposed
	Consented
	Surrounding Context

Sources of information

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

Project Name

Ham Close, Richmond

Drawing Title

Transient Shadow analysis  
21st June

Drawn By

MF

Project No.

HA167\_22

Scale @ A3

-

Drawing No.

Rel 02/310

Date

March 2022

Revision

-

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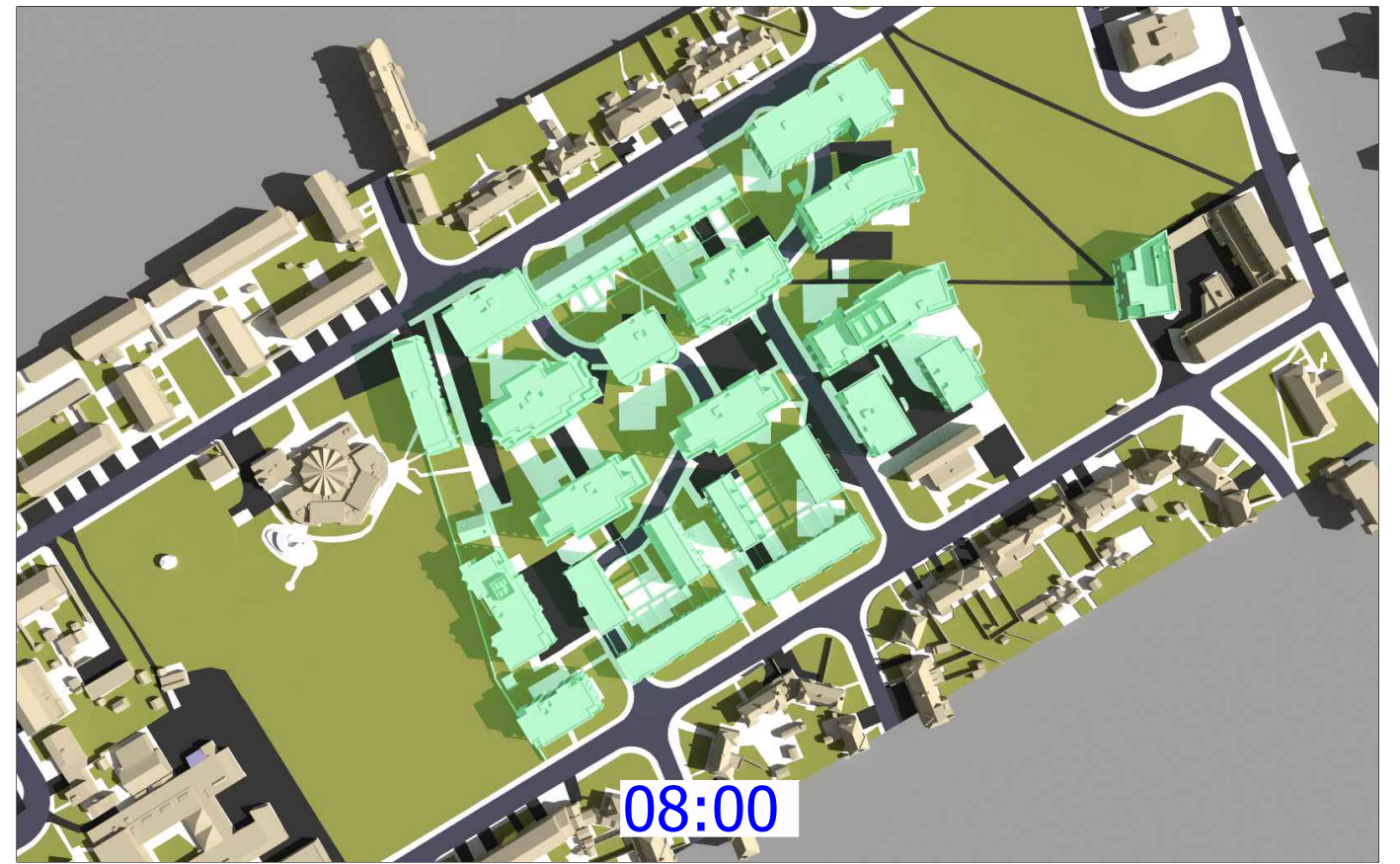
07:00







07:00



08:00



08:00

- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st June

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

Rel 02/311

**Revision**

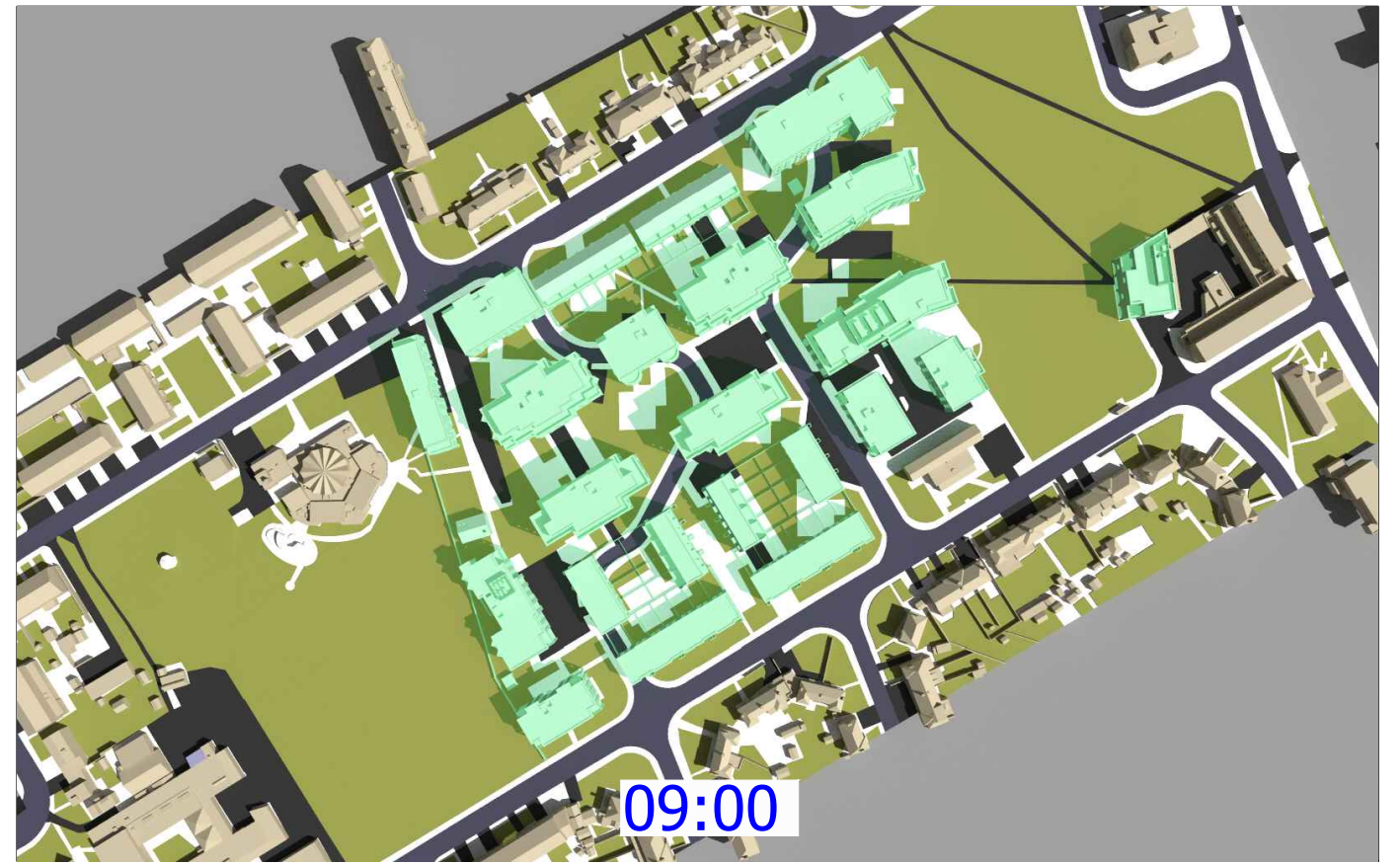
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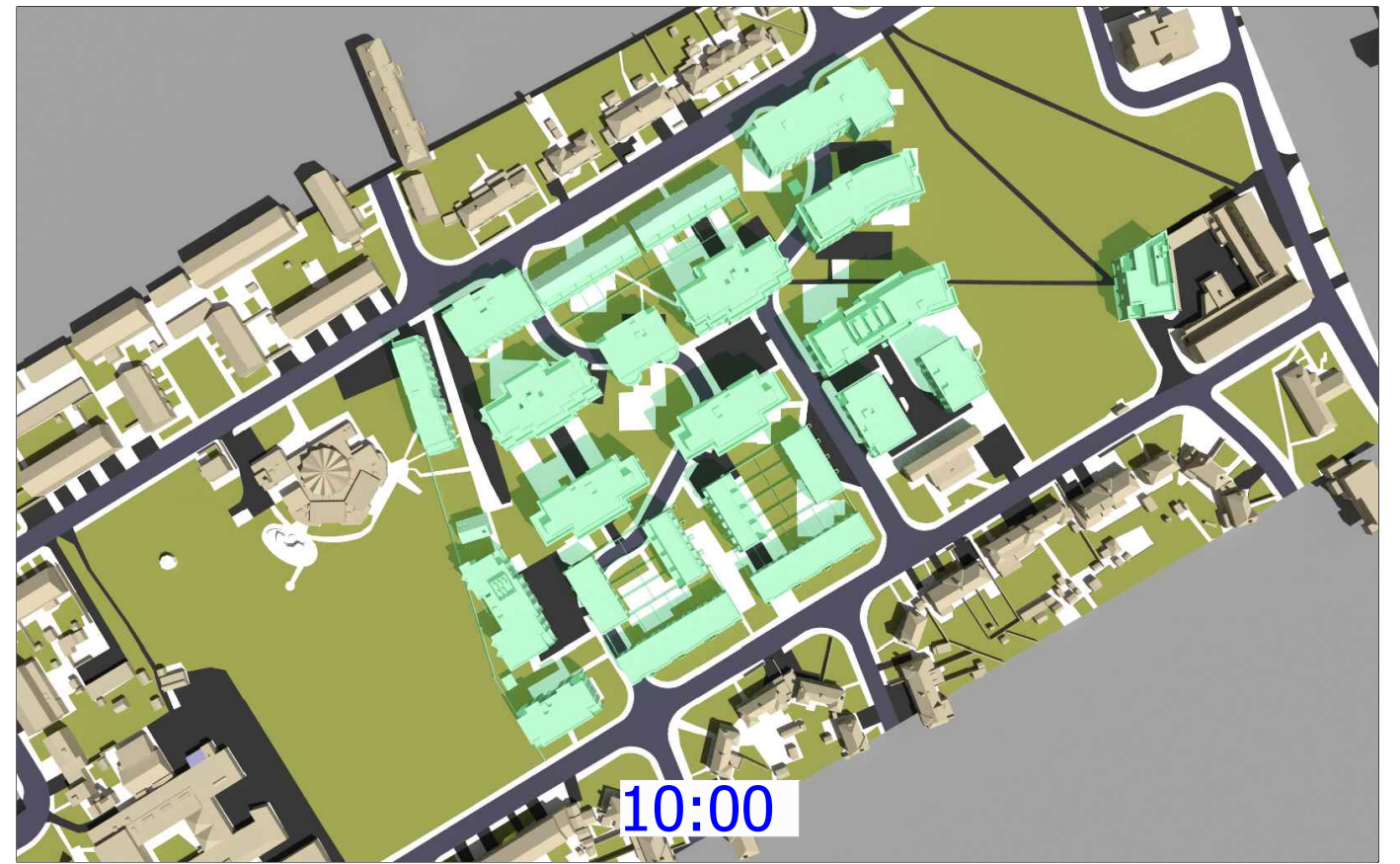
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09:00



10:00



10:00

- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st June

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

Rel 02/312

**Revision**

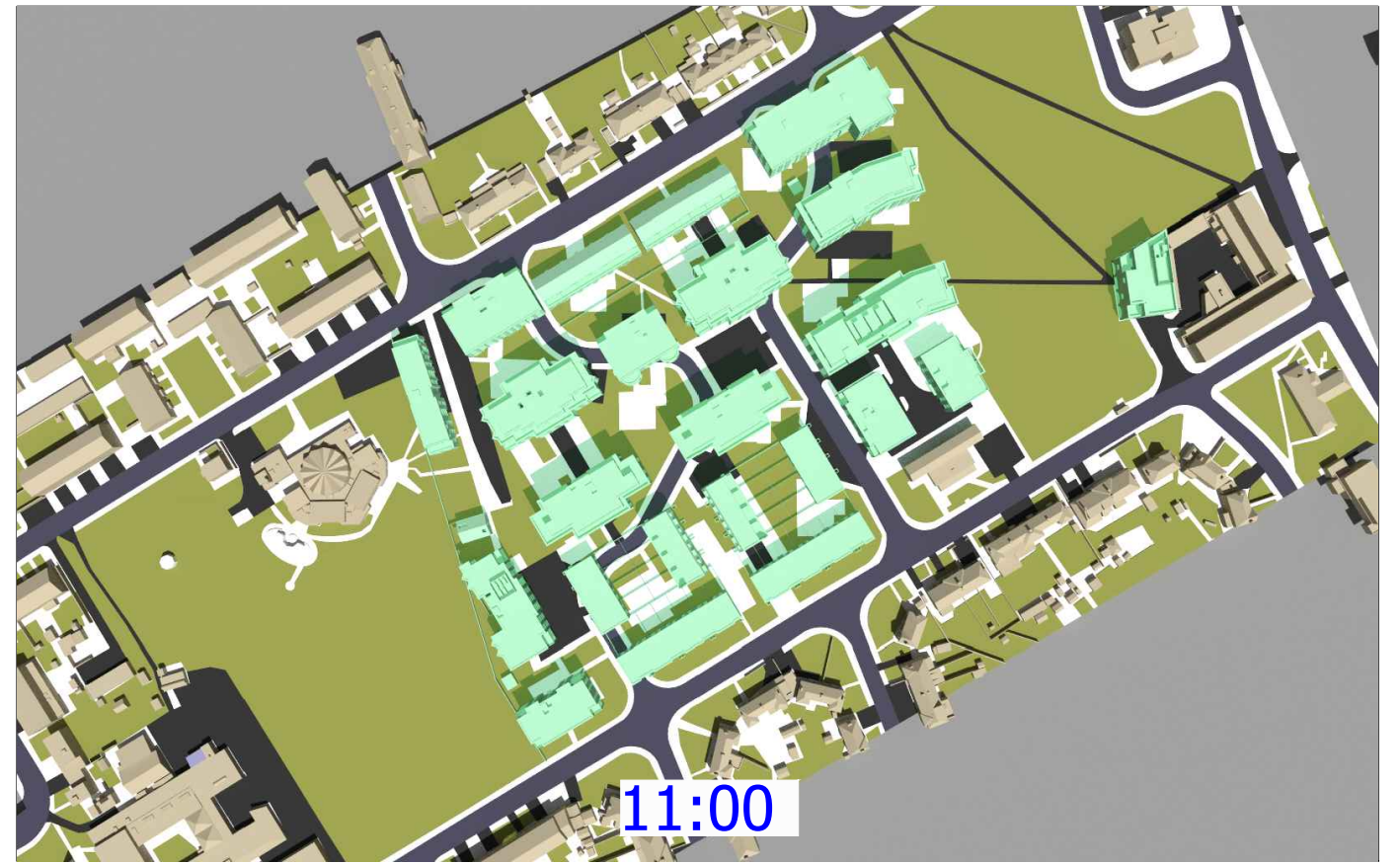
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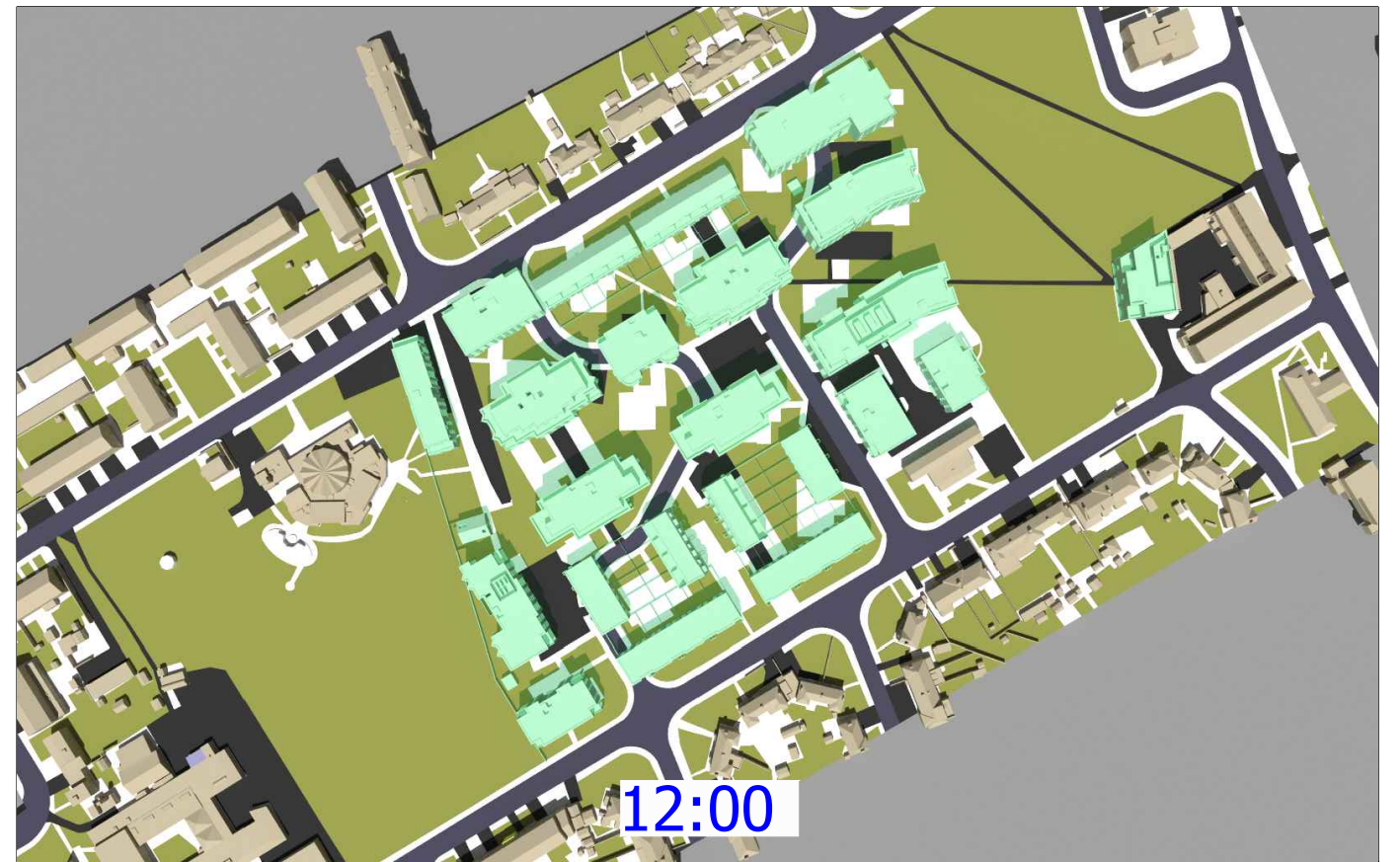
11:00







11:00



12:00



12:00

- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st June

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

Rel 02/313

**Revision**

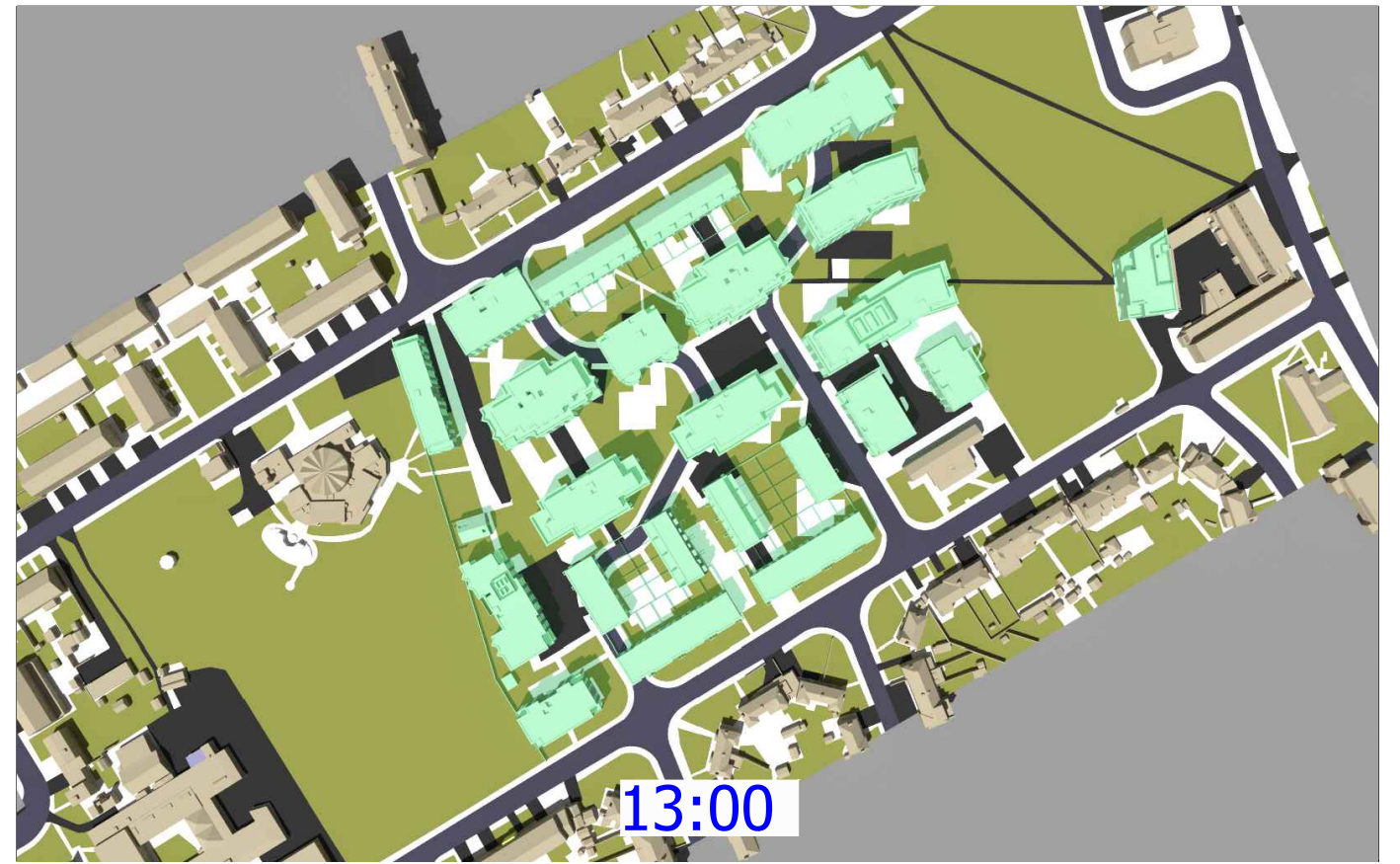
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13:00







13:00



14:00



14:00

- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st June

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

Rel 02/314

**Revision**

-

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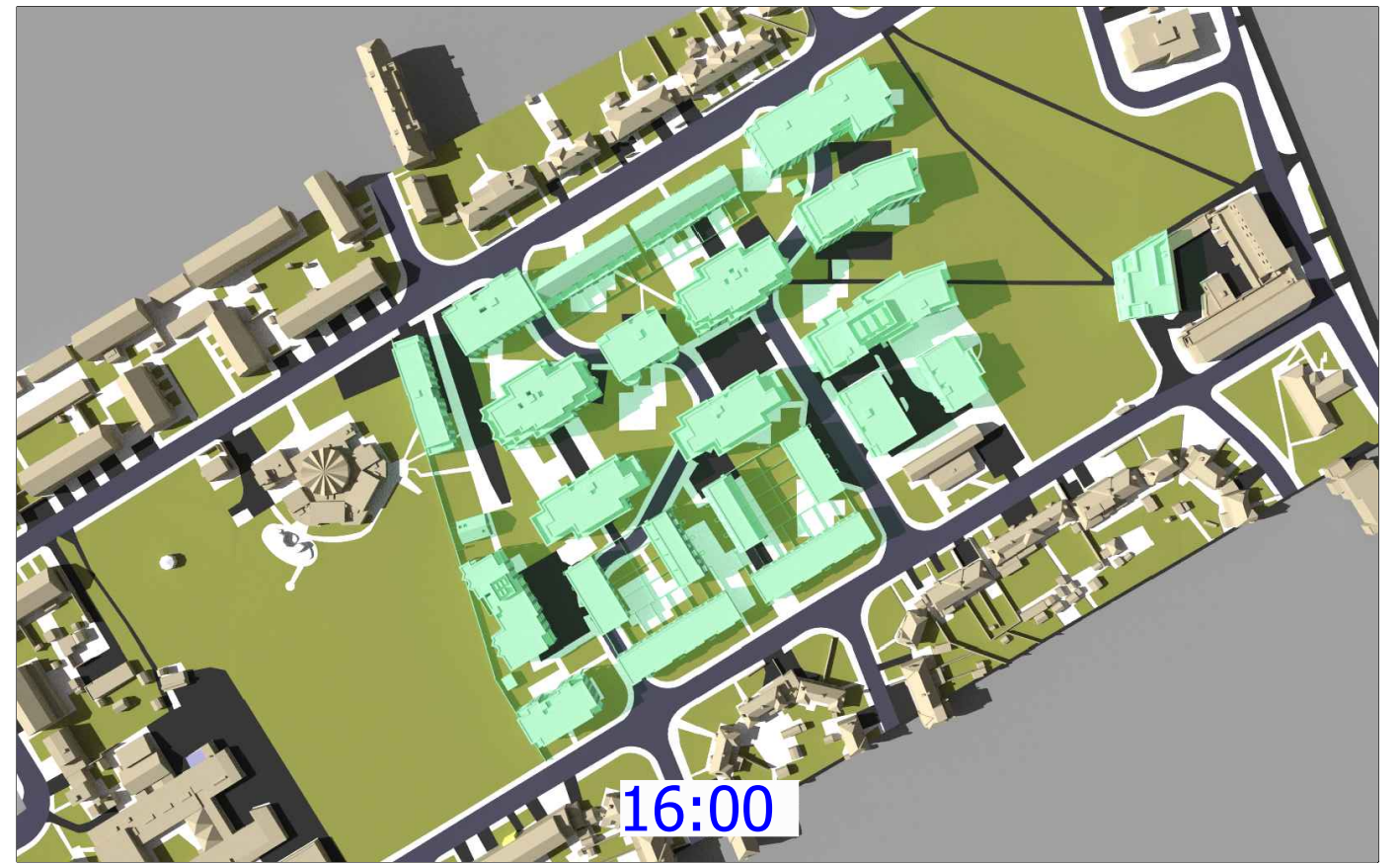
15:00







15:00



16:00



16:00

- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st June

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

Rel 02/315

**Revision**

-

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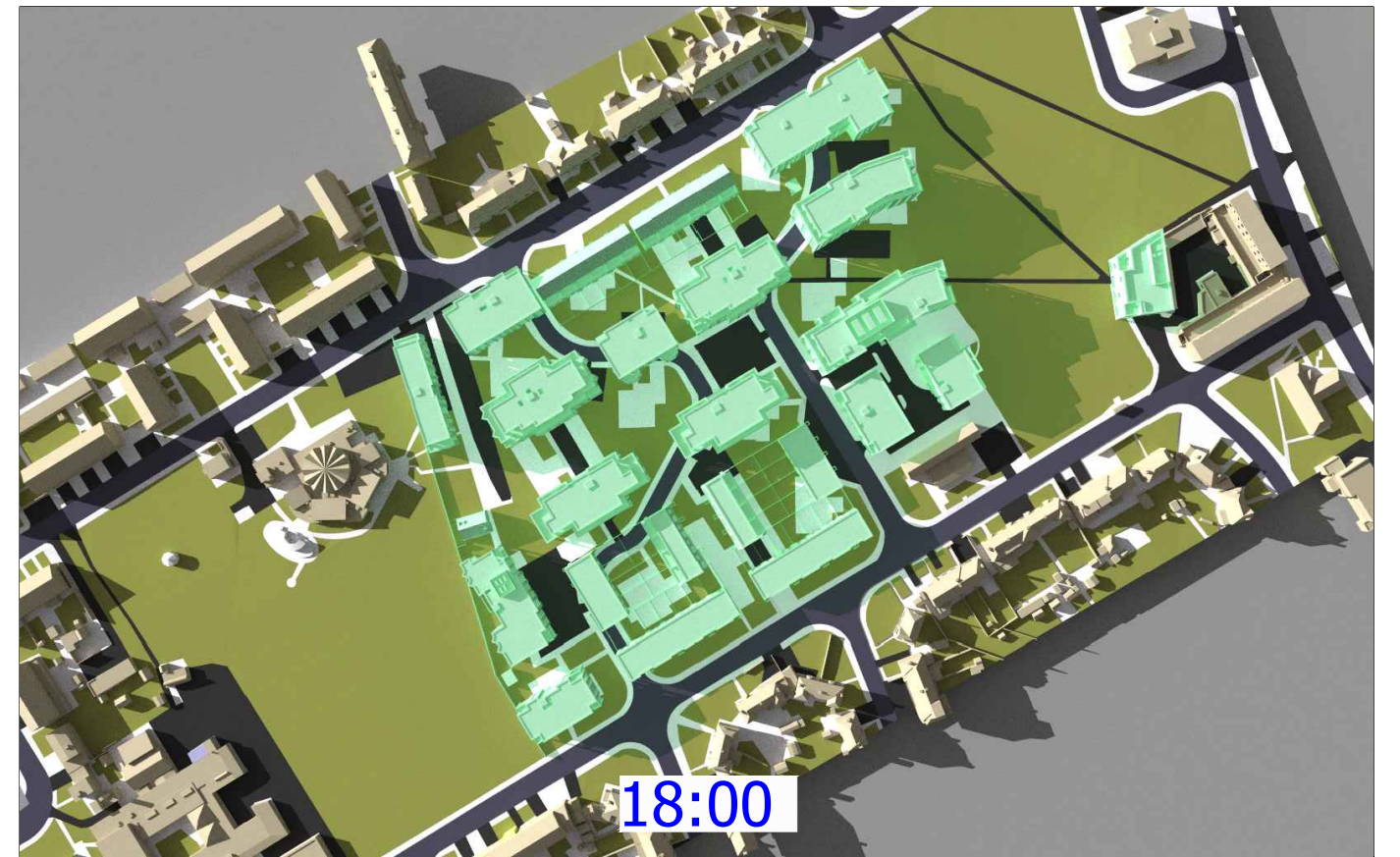
17:00







17:00



18:00



18:00

- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st June

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

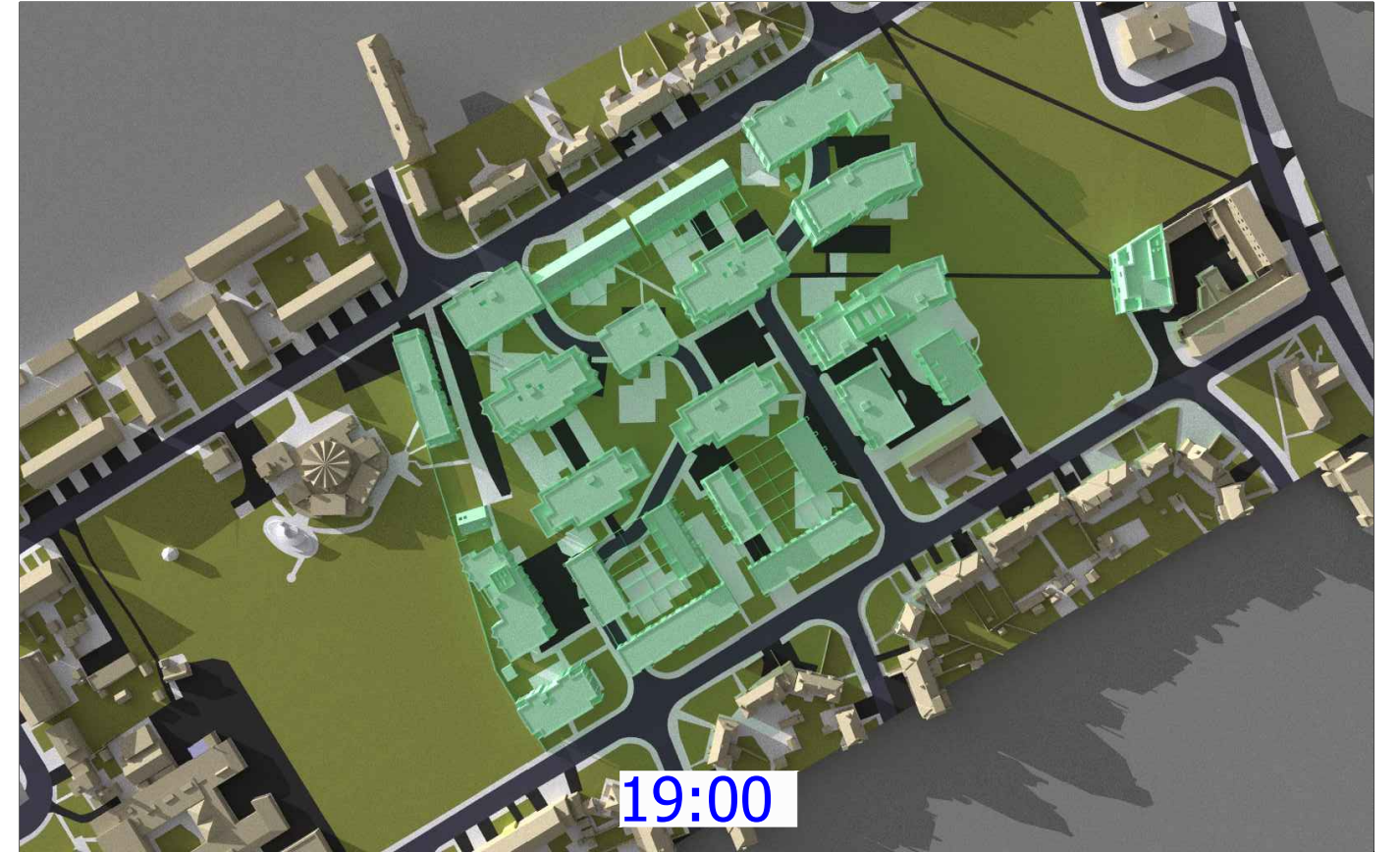
Rel 02/316

**Revision**





-

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Key:

	Existing
	Proposed
	Consented
	Surrounding Context

**Sources of information**

<p><b>Existing building</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Surrounding buildings</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>
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**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Transient Shadow analysis  
21st June

**Drawn By**  
MF

**Project No.**  
HA167\_22

**Scale @ A3**  
-

**Drawing No.**  
Rel 02/317

**Date**  
March 2022

**Revision**  
-



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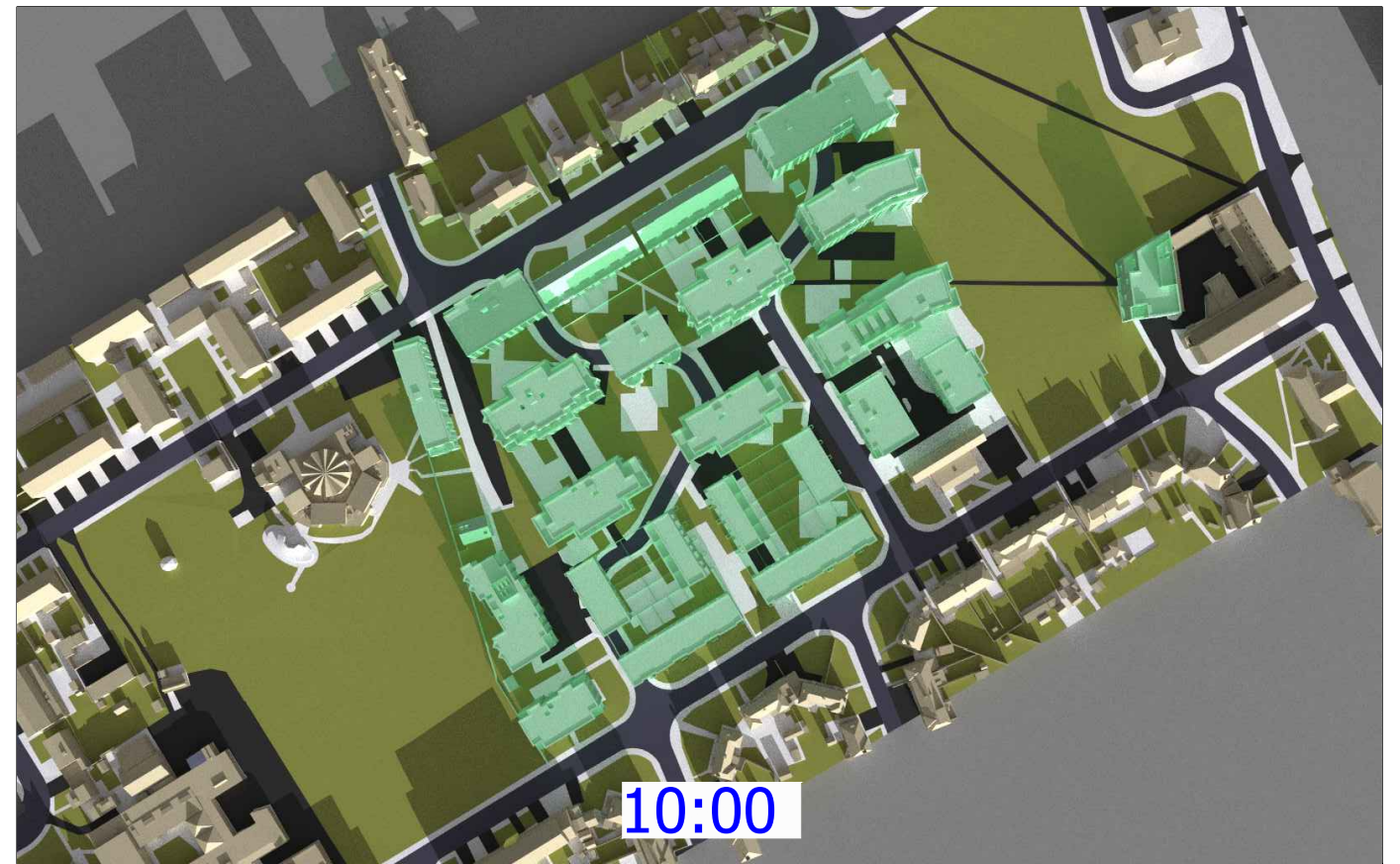
09:00







09:00



10:00



10:00

- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st December

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

Rel 02/320

**Revision**





-

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- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st December

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

Rel 02/321





**Revision**

-

**AVISON  
YOUNG**

65 Gresham Street, London, EC2V 7NQ  
08449 02 03 04 www.avisonyoung.co.uk



- Key:
-  Existing
  -  Proposed
  -  Consented
  -  Surrounding Context

**Sources of information**

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st December

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

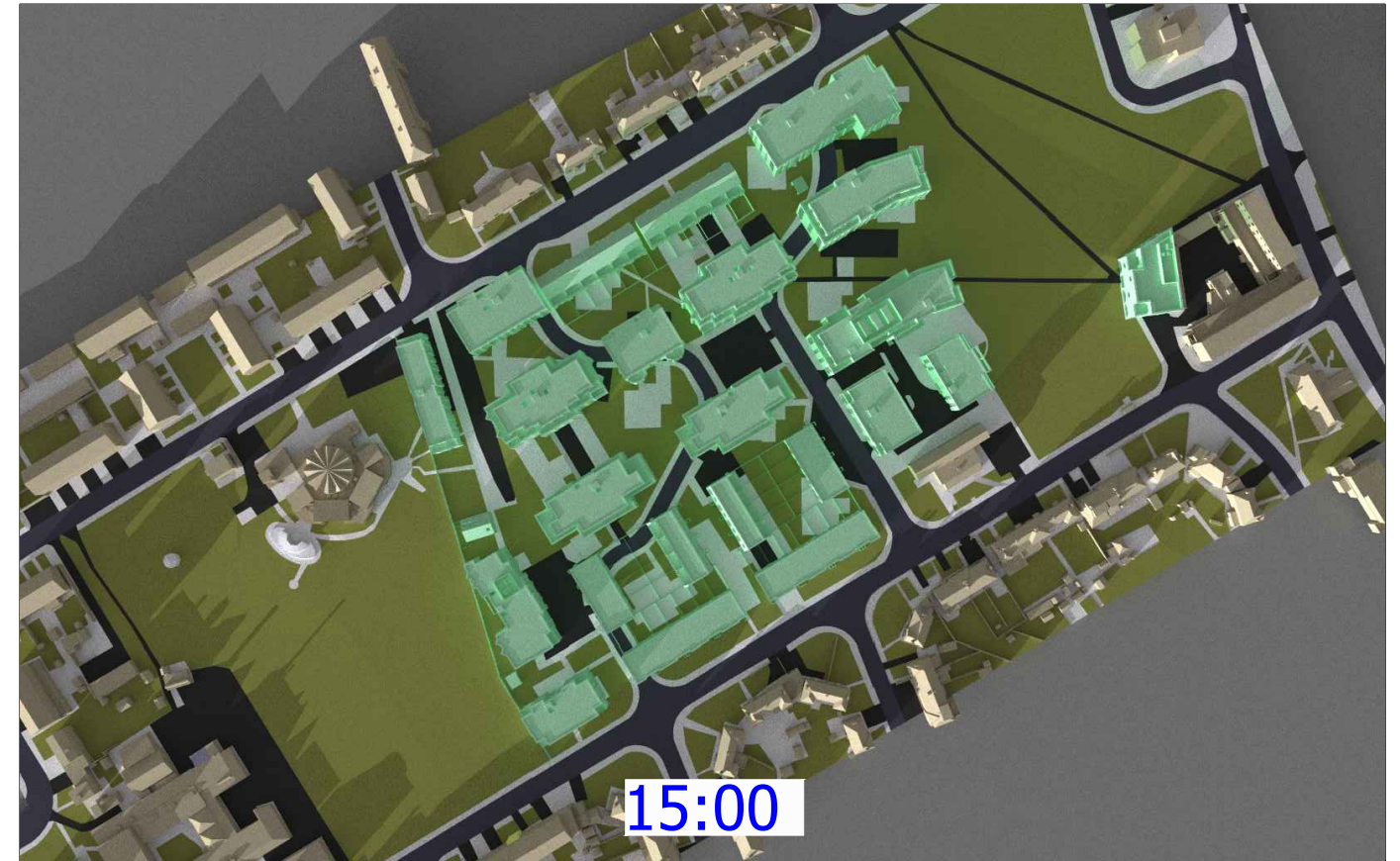
Rel 02/322

**Revision**





-

**AVISON  
YOUNG**

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Key:

	Existing
	Proposed
	Consented
	Surrounding Context

**Sources of information**

**Existing building**

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

**Surrounding buildings**

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

**Proposed building**

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**

Ham Close, Richmond

**Drawing Title**

Transient Shadow analysis

21st December

**Drawn By**

MF

**Scale @ A3**

-

**Date**

March 2022

**Project No.**

HA167\_22

**Drawing No.**

Rel 02/323

**Revision**

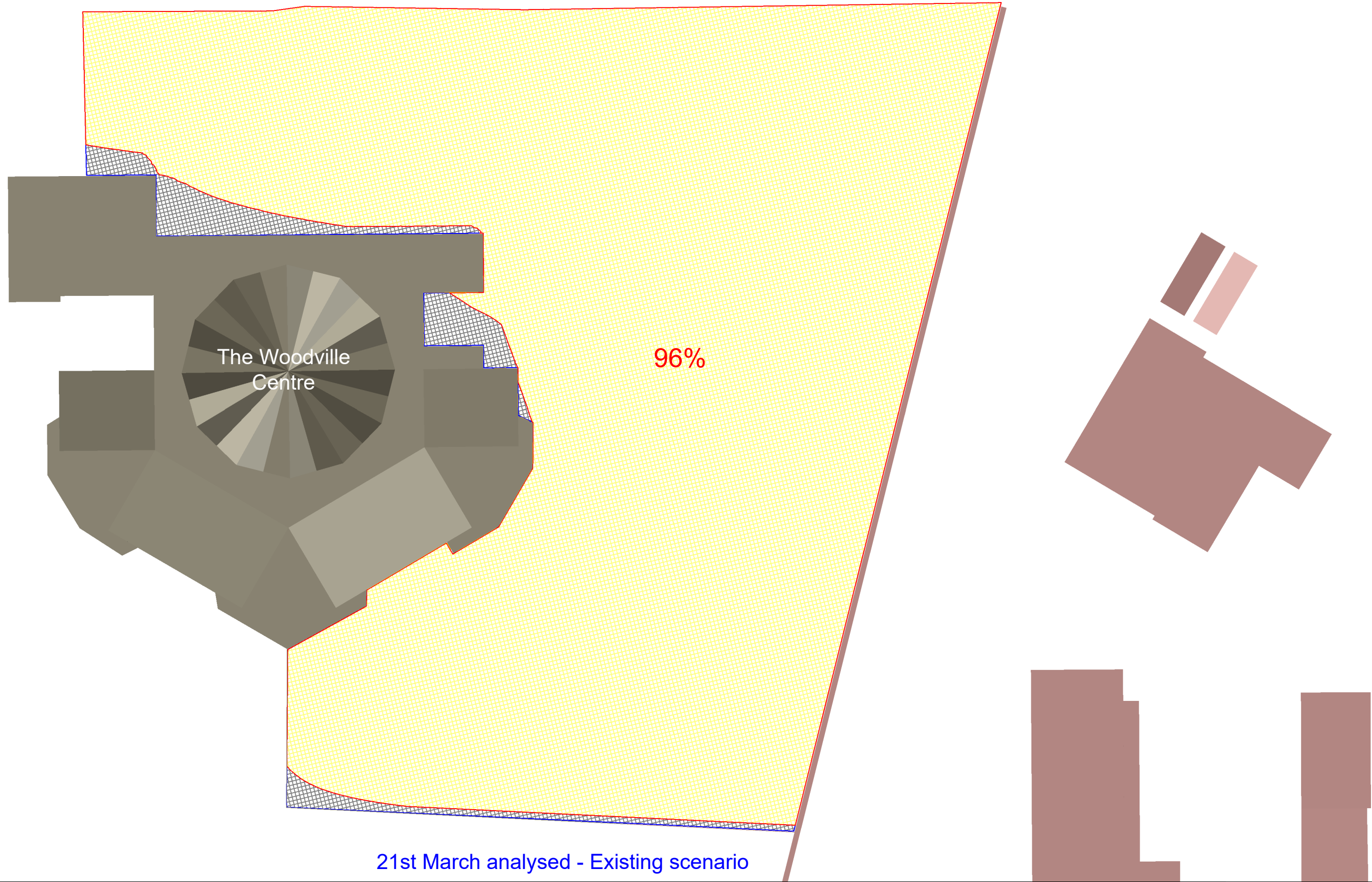
-



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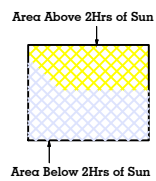
# Appendix 7

## Sun Hours on Ground Analysis Plots to Neighbouring Amenity Spaces



21st March analysed - Existing scenario

Key:



Sources of information

**Existing building**  
Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

**Surrounding buildings**  
Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

**Proposed building**  
Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Sunlight amenity analysis  
21st March - London setting

**Drawn By**  
MF

**Project No.**  
HA167\_22

**Scale @ A3**  
-

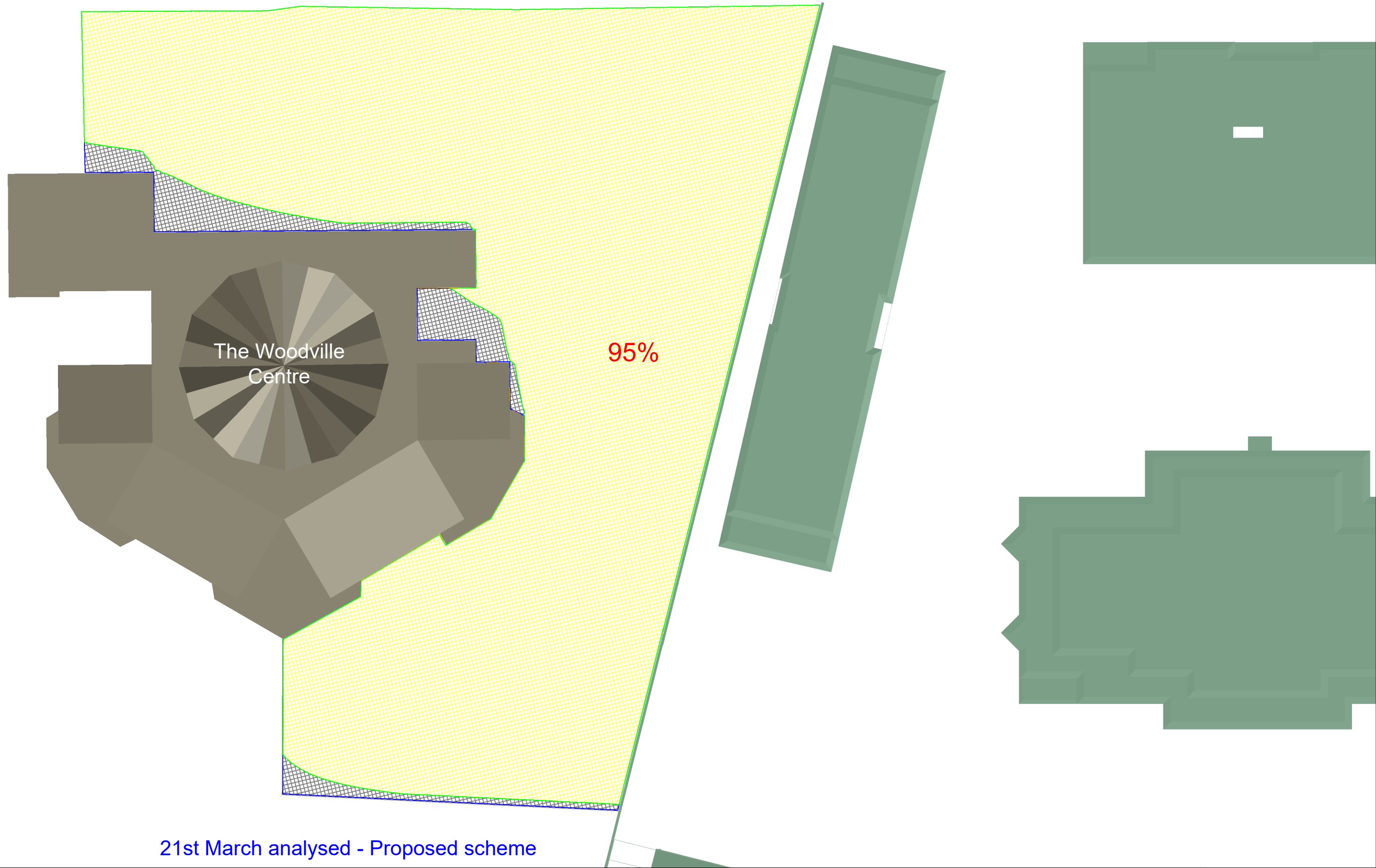
**Drawing No.**  
Rel 02/104

**Date**  
March 2022

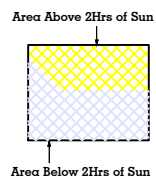
**Revision**  
-



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Key:



Sources of information

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

Project Name

Ham Close, Richmond

Drawing Title

Sunlight amenity analysis  
21st March - London setting

Drawn By

MF

Scale @ A3

-

Date

March 2022

Project No.

HA167\_22

Drawing No.

Rel 02/105

Revision

-

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# Appendix 8

## Proposed ADF Tabular Results

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Average Daylight Analysis - Proposed Scheme Rel 02 - Existing v Proposal  
 Date: 21/03/2022

Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
<b>Block A</b>							
Ground	R1	Residential	Kitchen	W1	0.84	2.00	YES
				W16	3.04		
					3.88		
Ground	R2	Residential	LD	W2-L	0.09	1.50	YES
				W2-U	0.78		
				W3-L	0.14		
				W3-U	2.43		
					3.43		
Ground	R3	Residential	LD	W4-L	0.14	1.50	YES
				W4-U	2.48		
				W5-L	0.10		
				W5-U	0.76		
					3.48		
Ground	R4	Residential	Kitchen	W6	1.02	2.00	YES
				W7	2.61		
					3.62		
Ground	R5	Residential	Bedroom	W8	1.31	1.00	YES
					1.31		
Ground	R6	Residential	Bedroom	W9-L	0.22	1.00	YES
				W9-U	1.28		
					1.50		
Ground	R7	Residential	Bedroom	W10	0.16	1.00	YES
				W11-L	0.07		
				W11-U	1.25		
					1.49		
Ground	R8	Residential	Bedroom	W12-L	0.08	1.00	YES
				W12-U	1.38		
				W13	0.33		
					1.79		
Ground	R9	Residential	Bedroom	W14-L	0.26	1.00	YES
				W14-U	2.16		
					2.41		
Ground	R10	Residential	Bedroom	W15	1.62	1.00	YES
					1.62		
First	R1	Residential	Kitchen	W1-L	0.18	2.00	YES
				W1-U	1.34		
				W22	2.42		
					3.94		
First	R2	Residential	LD	W2-L	0.12	1.50	YES
				W2-U	0.93		
				W3-L	0.15		
				W3-U	2.67		
					3.87		
First	R3	Residential	Bedroom	W4-L	0.14	1.00	YES
				W4-U	2.49		
					2.63		
First	R4	Residential	Bedroom	W5-L	0.13	1.00	YES
				W5-U	2.33		
					2.46		



Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Average Daylight Analysis - Proposed Scheme Rel 02 - Existing v Proposal  
 Date: 21/03/2022

Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
First	R5	Residential	Bedroom	W6-L	0.13	1.00	YES
				W6-U	2.34		
					<b>2.47</b>		
First	R6	Residential	Bedroom	W7-L	0.14	1.00	YES
				W7-U	2.51		
					<b>2.66</b>		
First	R7	Residential	Living Room	W8-L	0.15	1.50	YES
				W8-U	2.71		
				W9-L	0.11		
				W9-U	0.85		
					<b>3.82</b>		
First	R8	Residential	Kitchen	W10-L	0.18	2.00	YES
				W10-U	1.44		
				W11	2.15		
					<b>3.78</b>		
First	R9	Residential	Kitchen	W12-L	0.09	2.00	NO
				W12-U	1.64		
					<b>1.72</b>		
First	R10	Residential	Living Room	W13-L	0.11	1.50	YES
				W13-U	2.00		
				W14-L	0.25		
				W14-U	1.51		
					<b>3.88</b>		
First	R11	Residential	Bedroom	W15	0.28	1.00	YES
				W16-L	0.09		
				W16-U	1.60		
					<b>1.96</b>		
First	R12	Residential	Bedroom	W17-L	0.10	1.00	YES
				W17-U	1.77		
				W18	0.40		
					<b>2.26</b>		
First	R13	Residential	Living Room	W19-L	0.30	1.50	YES
				W19-U	2.26		
				W20	1.97		
					<b>4.53</b>		
First	R14	Residential	Kitchen	W21	1.62	2.00	NO
					<b>1.62</b>		
Second	R1	Residential	KD	W1-L	0.18	2.00	YES
				W1-U	1.44		
				W22	2.46		
					<b>4.08</b>		
Second	R2	Residential	Living Room	W2-L	0.12	1.50	YES
				W2-U	0.95		
				W3-L	0.16		
				W3-U	2.77		
					<b>4.00</b>		
Second	R3	Residential	Bedroom	W4-L	0.14	1.00	YES
				W4-U	2.58		
					<b>2.72</b>		
Second	R4	Residential	Bedroom	W5-L	0.14	1.00	YES
				W5-U	2.40		
					<b>2.54</b>		

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Average Daylight Analysis - Proposed Scheme Rel 02 - Existing v Proposal  
 Date: 21/03/2022

Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
Second	R5	Residential	Bedroom	W6-L	0.14	1.00	YES
				W6-U	2.41		
					<b>2.54</b>		
Second	R6	Residential	Bedroom	W7-L	0.15	1.00	YES
				W7-U	2.59		
					<b>2.73</b>		
Second	R7	Residential	Living Room	W8-L	0.16	1.50	YES
				W8-U	2.80		
				W9-L	0.12		
				W9-U	0.95		
					<b>4.02</b>		
Second	R8	Residential	Kitchen	W10-L	0.19	2.00	YES
				W10-U	1.51		
				W11	2.36		
					<b>4.06</b>		
Second	R9	Residential	Kitchen	W12-L	0.10	2.00	NO
				W12-U	1.82		
					<b>1.92</b>		
Second	R10	Residential	Living Room	W13-L	0.12	1.50	YES
				W13-U	2.22		
				W14-L	0.28		
				W14-U	1.90		
					<b>4.52</b>		
Second	R11	Residential	Bedroom	W15	0.33	1.00	YES
				W16-L	0.10		
				W16-U	1.80		
					<b>2.23</b>		
Second	R12	Residential	Bedroom	W17-L	0.11	1.00	YES
				W17-U	1.92		
				W18	0.39		
					<b>2.41</b>		
Second	R13	Residential	Living Room	W19-L	0.31	1.50	YES
				W19-U	2.40		
				W20	2.00		
					<b>4.71</b>		
Second	R14	Residential	Kitchen	W21	1.63	2.00	NO
					<b>1.63</b>		
Third	R1	Residential	KD	W1-L	0.28	2.00	YES
				W1-U	3.39		
				W22	2.46		
					<b>6.14</b>		
Third	R2	Residential	Living Room	W2-L	0.18	1.50	YES
				W2-U	2.13		
				W3-L	0.16		
				W3-U	2.84		
					<b>5.31</b>		
Third	R3	Residential	Bedroom	W4-L	0.15	1.00	YES
				W4-U	2.64		
					<b>2.79</b>		
Third	R4	Residential	Bedroom	W5-L	0.14	1.00	YES
				W5-U	2.46		
					<b>2.60</b>		

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Average Daylight Analysis - Proposed Scheme Rel 02 - Existing v Proposal  
 Date: 21/03/2022

Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
Third	R5	Residential	Bedroom	W6-L	0.14	1.00	YES
				W6-U	2.46		
					<b>2.60</b>		
Third	R6	Residential	Bedroom	W7-L	0.15	1.00	YES
				W7-U	2.64		
					<b>2.79</b>		
Third	R7	Residential	Living Room	W8-L	0.16	1.50	YES
				W8-U	2.84		
				W9-L	0.18		
				W9-U	2.13		
					<b>5.31</b>		
Third	R8	Residential	Kitchen	W10-L	0.28	2.00	YES
				W10-U	3.40		
				W11	2.46		
					<b>6.13</b>		
Third	R9	Residential	Kitchen	W12-L	0.11	2.00	YES
				W12-U	1.93		
					<b>2.04</b>		
Third	R10	Residential	Living Room	W13-L	0.13	1.50	YES
				W13-U	2.34		
				W14-L	0.44		
				W14-U	5.09		
					<b>8.00</b>		
Third	R11	Residential	Bedroom	W15	0.83	1.00	YES
				W16-L	0.11		
				W16-U	2.02		
					<b>2.96</b>		
Third	R12	Residential	Bedroom	W17-L	0.11	1.00	YES
				W17-U	2.05		
				W18	0.85		
					<b>3.01</b>		
Third	R13	Residential	Living Room	W19-L	0.45	1.50	YES
				W19-U	5.35		
				W20	2.00		
					<b>7.81</b>		
Third	R14	Residential	Kitchen	W21	1.63	2.00	<b>NO</b>
					<b>1.63</b>		
<b>Block B</b>							
Ground	R1	Residential	LKD	W1-L	0.08	2.00	<b>NO</b>
				W1-U	0.43		
				W2-L	0.03		
				W2-U	0.22		
				W3-L	0.03		
				W3-U	1.06		
					<b>1.84</b>		
Ground	R2	Residential	LKD	W4-L	0.04	2.00	YES
				W4-U	1.35		
				W5-L	0.15		
				W5-U	0.59		
					<b>2.13</b>		

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Average Daylight Analysis - Proposed Scheme Rel 02 - Existing v Proposal  
 Date: 21/03/2022

Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
Ground	R3	Residential	Bedroom	W6-L	0.01	1.00	YES
				W6-U	0.20		
				W7-L	0.04		
				W7-U	1.58		
				W8-L	0.04		
				W8-U	1.52		
				<b>3.39</b>			
Ground	R4	Residential	KD	W9-L	0.00	2.00	NO
				W9-U	0.08		
				<b>0.09</b>			
Ground	R5	Residential	Living Room	W10-L	0.14	1.50	YES
				W10-U	0.74		
				W11-L	0.06		
				W11-U	2.42		
				<b>3.35</b>			
Ground	R6	Residential	Bedroom	W12-L	0.04	1.00	YES
				W12-U	1.48		
				<b>1.52</b>			
Ground	R7	Residential	Bedroom	W13-L	0.17	1.00	YES
				W13-U	1.30		
				W14-L	0.05		
				W14-U	1.20		
				W15-L	0.05		
				W15-U	1.09		
				<b>3.86</b>			
Ground	R8	Residential	Bedroom	W16-L	0.05	1.00	YES
				W16-U	1.16		
				W17-L	0.06		
				W17-U	1.28		
				<b>2.56</b>			
Ground	R9	Residential	Bedroom	W18-L	0.06	1.00	YES
				W18-U	1.21		
				<b>1.28</b>			
Ground	R10	Residential	Bedroom	W19-L	0.05	1.00	YES
				W19-U	0.91		
				W20-L	0.06		
				W20-U	1.27		
				W21-L	0.06		
				W21-U	1.11		
				<b>3.47</b>			
Ground	R11	Residential	Bedroom	W22-L	0.06	1.00	YES
				W22-U	1.17		
				W23-L	0.07		
				W23-U	1.24		
				<b>2.54</b>			
First	R1	Residential	LKD	W1-L	0.12	2.00	YES
				W1-U	0.50		
				W2-L	0.03		
				W2-U	0.26		
				W3-L	0.03		
				W3-U	1.26		
				<b>2.21</b>			

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Average Daylight Analysis - Proposed Scheme Rel 02 - Existing v Proposal  
 Date: 21/03/2022

Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
First	R2	Residential	LKD	W4-L	0.04	2.00	YES
				W4-U	1.43		
				W5-L	0.17		
				W5-U	1.08		
					2.72		
First	R3	Residential	Bedroom	W6-L	0.01	1.00	YES
				W6-U	0.43		
				W7-L	0.08		
				W7-U	3.14		
					3.66		
First	R4	Residential	Bedroom	W8-L	0.07	1.00	YES
				W8-U	2.72		
					2.79		
First	R5	Residential	LKD	W9-L	0.19	2.00	YES
				W9-U	2.24		
					2.44		
First	R6	Residential	Bedroom	W10-L	0.07	1.00	YES
				W10-U	2.65		
					2.71		
First	R7	Residential	Bedroom	W11-L	0.07	1.00	YES
				W11-U	2.64		
					2.71		
First	R8	Residential	LKD	W12-L	0.19	2.00	YES
				W12-U	2.20		
					2.39		
First	R9	Residential	Bedroom	W13-L	0.06	1.00	YES
				W13-U	2.53		
					2.59		
First	R10	Residential	Bedroom	W14-L	0.07	1.00	YES
				W14-U	2.88		
				W15-L	0.01		
				W15-U	0.33		
					3.30		
First	R11	Residential	LKD	W16-L	0.14	2.00	YES
				W16-U	0.85		
				W17-L	0.04		
				W17-U	1.69		
					2.72		
First	R12	Residential	LKD	W18-L	0.13	2.00	YES
				W18-U	1.06		
				W19-L	0.04		
				W19-U	0.80		
				W20-L	0.04		
				W20-U	0.71		
					2.79		
First	R13	Residential	Bedroom	W21-L	0.07	1.00	YES
				W21-U	1.24		
				W22-L	0.08		
				W22-U	1.36		
					2.75		
First	R14	Residential	Bedroom	W23-L	0.07		
				W23-U	1.32		

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Average Daylight Analysis - Proposed Scheme Rel 02 - Existing v Proposal  
 Date: 21/03/2022

Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
					1.40	1.00	YES
First	R15	Residential	Bedroom	W24-L	0.06		
				W24-U	0.99		
				W25-L	0.07		
				W25-U	1.32		
				W26-L	0.06		
				W26-U	1.16		
					3.67	1.00	YES
First	R16	Residential	Bedroom	W27-L	0.07		
				W27-U	1.22		
				W28-L	0.07		
				W28-U	1.31		
					2.67	1.00	YES
Second	R1	Residential	LKD	W1-L	0.14		
				W1-U	0.88		
				W2-L	0.03		
				W2-U	0.27		
				W3-L	0.04		
				W3-U	1.44		
					2.80	2.00	YES
Second	R2	Residential	LKD	W4-L	0.04		
				W4-U	1.62		
				W5-L	0.19		
				W5-U	1.44		
					3.29	2.00	YES
Second	R3	Residential	Bedroom	W6-L	0.02		
				W6-U	0.45		
				W7-L	0.09		
				W7-U	3.51		
					4.06	1.00	YES
Second	R4	Residential	Bedroom	W8-L	0.08		
				W8-U	3.04		
					3.12	1.00	YES
Second	R5	Residential	LKD	W9-L	0.22		
				W9-U	2.56		
					2.78	2.00	YES
Second	R6	Residential	Bedroom	W10-L	0.08		
				W10-U	2.97		
					3.05	1.00	YES
Second	R7	Residential	Bedroom	W11-L	0.08		
				W11-U	2.94		
					3.01	1.00	YES
Second	R8	Residential	LKD	W12-L	0.21		
				W12-U	2.38		
					2.59	2.00	YES
Second	R9	Residential	Bedroom	W13-L	0.07		
				W13-U	2.77		
					2.84	1.00	YES
Second	R10	Residential	Bedroom	W14-L	0.08		
				W14-U	3.14		
				W15-L	0.02		
				W15-U	0.39		

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Average Daylight Analysis - Proposed Scheme Rel 02 - Existing v Proposal  
 Date: 21/03/2022

Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
					<b>3.63</b>	1.00	YES
Second	R11	Residential	LKD	W16-L	0.15		
				W16-U	0.97		
				W17-L	0.05		
				W17-U	1.85		
					<b>3.03</b>	2.00	YES
Second	R12	Residential	LKD	W18-L	0.14		
				W18-U	1.17		
				W19-L	0.05		
				W19-U	0.81		
				W20-L	0.04		
				W20-U	0.72		
					<b>2.92</b>	2.00	YES
Second	R13	Residential	Bedroom	W21-L	0.07		
				W21-U	1.26		
				W22-L	0.08		
				W22-U	1.39		
					<b>2.79</b>	1.00	YES
Second	R14	Residential	Bedroom	W23-L	0.08		
				W23-U	1.41		
					<b>1.49</b>	1.00	YES
Second	R15	Residential	Bedroom	W24-L	0.06		
				W24-U	1.09		
				W25-L	0.07		
				W25-U	1.33		
				W26-L	0.07		
				W26-U	1.18		
					<b>3.79</b>	1.00	YES
Second	R16	Residential	Bedroom	W27-L	0.07		
				W27-U	1.23		
				W28-L	0.07		
				W28-U	1.34		
					<b>2.72</b>	1.00	YES
Third	R1	Residential	LKD	W1-L	0.17		
				W1-U	1.31		
				W2-L	0.03		
				W2-U	0.26		
				W3-L	0.04		
				W3-U	1.65		
					<b>3.46</b>	2.00	YES
Third	R2	Residential	LKD	W4-L	0.05		
				W4-U	1.84		
				W5-L	0.30		
				W5-U	3.42		
					<b>5.60</b>	2.00	YES
Third	R3	Residential	Bedroom	W6-L	0.03		
				W6-U	1.20		
				W7-L	0.10		
				W7-U	3.74		
					<b>5.06</b>	1.00	YES
Third	R4	Residential	Bedroom	W8-L	0.08		
				W8-U	3.23		

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					3.32	1.00	YES
Third	R5	Residential	LKD	W9-L	0.24		
				W9-U	2.74		
					2.99	2.00	YES
Third	R6	Residential	Bedroom	W10-L	0.08		
				W10-U	3.22		
					3.30	1.00	YES
Third	R7	Residential	Bedroom	W11-L	0.08		
				W11-U	3.18		
					3.26	1.00	YES
Third	R8	Residential	LKD	W12-L	0.23		
				W12-U	2.62		
					2.85	2.00	YES
Third	R9	Residential	Bedroom	W13-L	0.08		
				W13-U	3.00		
					3.08	1.00	YES
Third	R10	Residential	Bedroom	W14-L	0.09		
				W14-U	3.43		
				W15-L	0.03		
				W15-U	1.18		
					4.72	1.00	YES
Third	R11	Residential	LKD	W16-L	0.27		
				W16-U	3.05		
				W17-L	0.05		
				W17-U	1.88		
					5.24	2.00	YES
Third	R12	Residential	LKD	W18-L	0.15		
				W18-U	1.19		
				W19-L	0.05		
				W19-U	0.80		
				W20-L	0.04		
				W20-U	0.73		
					2.96	2.00	YES
Third	R13	Residential	Bedroom	W21-L	0.07		
				W21-U	1.28		
				W22-L	0.08		
				W22-U	1.40		
					2.83	1.00	YES
Third	R14	Residential	Bedroom	W23-L	0.09		
				W23-U	1.61		
					1.70	1.00	YES
Third	R15	Residential	Bedroom	W24-L	0.07		
				W24-U	1.24		
				W25-L	0.07		
				W25-U	1.33		
				W26-L	0.07		
				W26-U	1.21		
					3.98	1.00	YES
Third	R16	Residential	Bedroom	W27-L	0.07		
				W27-U	1.26		
				W28-L	0.08		
				W28-U	1.36		



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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
					2.77	1.00	YES
<b>Block C</b>							
Ground	R1	Residential	LKD	W1-L	0.11	2.00	YES
				W1-U	0.69		
				W25-L	0.03		
				W25-U	0.51		
				W26-L	0.04		
				W26-U	0.70		
				2.08			
Ground	R2	Residential	Bedroom	W2-L	0.06	1.00	YES
				W2-U	0.50		
				W3-L	0.05		
				W3-U	1.79		
2.41							
Ground	R3	Residential	Bedroom	W4-L	0.05	1.00	YES
				W4-U	1.86		
1.91							
Ground	R4	Residential	Bedroom	W5-L	0.05	1.00	YES
				W5-U	1.91		
1.96							
Ground	R5	Residential	Bedroom	W6-L	0.05	1.00	YES
				W6-U	1.83		
				W7-L	0.04		
				W7-U	0.08		
2.00							
Ground	R6	Residential	LKD	W8-L	0.12	2.00	NO
				W8-U	0.68		
				W9-L	0.03		
				W9-U	0.44		
				W10-L	0.02		
				W10-U	0.38		
				1.67			
Ground	R7	Residential	LKD	W11-L	0.02	2.00	YES
				W11-U	0.30		
				W12-L	0.03		
				W12-U	0.54		
				W13-L	0.17		
				W13-U	1.97		
3.03							
Ground	R8	Residential	Bedroom	W14-L	0.04	1.00	YES
				W14-U	1.72		
1.77							
Ground	R9	Residential	LKD	W15-L	0.02	2.00	YES
				W15-U	0.59		
				W16-L	0.13		
				W16-U	1.44		
2.17							
Ground	R10	Residential	Bedroom	W17-L	0.02	1.00	NO
				W17-U	0.80		
0.82							

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Ground	R11	Residential	Bedroom	W18-L	0.04	1.00	YES
				W18-U	1.67		
				W19-L	0.02		
				W19-U	0.56		
					2.29		
Ground	R12	Residential	Bedroom	W20-L	0.03	1.00	YES
				W20-U	1.06		
					1.09		
Ground	R13	Residential	Bedroom	W21-L	0.03	1.00	YES
				W21-U	1.19		
					1.22		
Ground	R14	Residential	LKD	W22-L	0.15	2.00	YES
				W22-U	1.58		
				W23-L	0.02		
				W23-U	0.39		
				W24-L	0.03		
				W24-U	0.59		
					2.76		
First	R1	Residential	LKD	W1-L	0.13	2.00	YES
				W1-U	0.81		
				W34-L	0.03		
				W34-U	0.58		
				W35-L	0.04		
				W35-U	0.74		
					2.34		
First	R2	Residential	Bedroom	W2-L	0.05	1.00	YES
				W2-U	0.41		
				W3-L	0.04		
				W3-U	1.58		
				W4-L	0.04		
				W4-U	1.37		
					3.48		
First	R3	Residential	LKD	W5-L	0.09	2.00	NO
				W5-U	0.57		
					0.66		
First	R4	Residential	Bedroom	W6-L	0.06	1.00	YES
				W6-U	0.54		
				W7-L	0.05		
				W7-U	1.74		
					2.39		
First	R5	Residential	Bedroom	W8-L	0.05	1.00	YES
				W8-U	1.75		
				W9-L	0.05		
				W9-U	0.30		
					2.15		
First	R6	Residential	LKD	W10-L	0.09	2.00	NO
				W10-U	0.41		
					0.50		
First	R7	Residential	Bedroom	W11-L	0.04		
				W11-U	1.40		
				W12-L	0.04		
				W12-U	1.60		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
				W13-L	0.03		
				W13-U	0.16		
					<b>3.27</b>	1.00	YES
First	R8	Residential	LKD	W14-L	0.14		
				W14-U	0.76		
				W15-L	0.03		
				W15-U	0.49		
				W16-L	0.02		
				W16-U	0.43		
					<b>1.87</b>	2.00	NO
First	R9	Residential	LKD	W17-L	0.02		
				W17-U	0.37		
				W18-L	0.03		
				W18-U	0.62		
				W19-L	0.20		
				W19-U	2.34		
					<b>3.59</b>	2.00	YES
First	R10	Residential	Bedroom	W20-L	0.09		
				W20-U	3.45		
					<b>3.53</b>	1.00	YES
First	R11	Residential	Bedroom	W21-L	0.05		
				W21-U	2.00		
					<b>2.05</b>	1.00	YES
First	R12	Residential	LKD	W22-L	0.01		
				W22-U	0.52		
				W23-L	0.19		
				W23-U	2.16		
				W24-L	0.01		
				W24-U	0.55		
					<b>3.43</b>	2.00	YES
First	R13	Residential	Bedroom	W25-L	0.05		
				W25-U	1.81		
					<b>1.85</b>	1.00	YES
First	R14	Residential	Bedroom	W26-L	0.06		
				W26-U	2.45		
					<b>2.51</b>	1.00	YES
First	R15	Residential	LKD	W27-L	0.20		
				W27-U	2.30		
				W28-L	0.01		
				W28-U	0.53		
					<b>3.05</b>	2.00	YES
First	R16	Residential	Bedroom	W29-L	0.05		
				W29-U	1.88		
					<b>1.93</b>	1.00	YES
First	R17	Residential	Bedroom	W30-L	0.09		
				W30-U	3.27		
					<b>3.36</b>	1.00	YES
First	R18	Residential	LKD	W31-L	0.19		
				W31-U	2.07		
				W32-L	0.03		
				W32-U	0.54		
				W33-L	0.04		

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				W33-U	0.71		
					<b>3.57</b>	2.00	YES
Second	R1	Residential	LKD	W1-L	0.15		
				W1-U	0.93		
				W34-L	0.04		
				W34-U	0.65		
				W35-L	0.04		
				W35-U	0.76		
					<b>2.57</b>	2.00	YES
Second	R2	Residential	Bedroom	W2-L	0.08		
				W2-U	0.75		
				W3-L	0.08		
				W3-U	2.95		
					<b>3.85</b>	1.00	YES
Second	R3	Residential	Bedroom	W4-L	0.06		
				W4-U	2.31		
					<b>2.37</b>	1.00	YES
Second	R4	Residential	LKD	W5-L	0.11		
				W5-U	0.63		
					<b>0.74</b>	2.00	NO
Second	R5	Residential	Bedroom	W6-L	0.07		
				W6-U	0.58		
				W7-L	0.05		
				W7-U	1.99		
					<b>2.69</b>	1.00	YES
Second	R6	Residential	Bedroom	W8-L	0.05		
				W8-U	2.00		
				W9-L	0.06		
				W9-U	0.38		
					<b>2.49</b>	1.00	YES
Second	R7	Residential	LKD	W10-L	0.11		
				W10-U	0.52		
					<b>0.64</b>	2.00	NO
Second	R8	Residential	Bedroom	W11-L	0.06		
				W11-U	2.40		
					<b>2.46</b>	1.00	YES
Second	R9	Residential	Bedroom	W12-L	0.08		
				W12-U	3.03		
				W13-L	0.06		
				W13-U	0.40		
					<b>3.57</b>	1.00	YES
Second	R10	Residential	LKD	W14-L	0.16		
				W14-U	0.89		
				W15-L	0.03		
				W15-U	0.56		
				W16-L	0.03		
				W16-U	0.50		
					<b>2.17</b>	2.00	YES
Second	R11	Residential	LKD	W17-L	0.03		
				W17-U	0.49		
				W18-L	0.04		
				W18-U	0.75		

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				W19-L	0.25		
				W19-U	2.86		
					<b>4.41</b>	2.00	YES
Second	R12	Residential	Bedroom	W20-L	0.08		
				W20-U	3.15		
					<b>3.23</b>	1.00	YES
Second	R13	Residential	Bedroom	W21-L	0.05		
				W21-U	2.12		
					<b>2.17</b>	1.00	YES
Second	R14	Residential	LKD	W22-L	0.01		
				W22-U	0.57		
				W23-L	0.23		
				W23-U	2.62		
					<b>3.42</b>	2.00	YES
Second	R15	Residential	Bedroom	W24-L	0.03		
				W24-U	1.25		
					<b>1.28</b>	1.00	YES
Second	R16	Residential	Bedroom	W25-L	0.08		
				W25-U	3.05		
					<b>3.12</b>	1.00	YES
Second	R17	Residential	Bedroom	W26-L	0.07		
				W26-U	2.85		
					<b>2.92</b>	1.00	YES
Second	R18	Residential	LKD	W27-L	0.23		
				W27-U	2.66		
				W28-L	0.01		
				W28-U	0.60		
					<b>3.50</b>	2.00	YES
Second	R19	Residential	Bedroom	W29-L	0.06		
				W29-U	2.46		
					<b>2.53</b>	1.00	YES
Second	R20	Residential	Bedroom	W30-L	0.07		
				W30-U	2.73		
					<b>2.80</b>	1.00	YES
Second	R21	Residential	LKD	W31-L	0.20		
				W31-U	2.17		
				W32-L	0.03		
				W32-U	0.58		
				W33-L	0.04		
				W33-U	0.68		
					<b>3.69</b>	2.00	YES
Third	R1	Residential	LKD	W1-L	0.17		
				W1-U	1.11		
				W34-L	0.04		
				W34-U	0.71		
				W35-L	0.04		
				W35-U	0.78		
					<b>2.85</b>	2.00	YES
Third	R2	Residential	Bedroom	W2-L	0.09		
				W2-U	0.77		
				W3-L	0.08		
				W3-U	3.22		

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					4.16	1.00	YES
Third	R3	Residential	Bedroom	W4-L	0.06		
				W4-U	2.54		
					2.61	1.00	YES
Third	R4	Residential	LKD	W5-L	0.14		
				W5-U	0.69		
					0.82	2.00	NO
Third	R5	Residential	Bedroom	W6-L	0.07		
				W6-U	0.61		
				W7-L	0.06		
				W7-U	2.25		
					2.98	1.00	YES
Third	R6	Residential	Bedroom	W8-L	0.06		
				W8-U	2.25		
				W9-L	0.06		
				W9-U	0.47		
					2.85	1.00	YES
Third	R7	Residential	LKD	W10-L	0.14		
				W10-U	0.69		
					0.83	2.00	NO
Third	R8	Residential	Bedroom	W11-L	0.07		
				W11-U	2.62		
					2.69	1.00	YES
Third	R9	Residential	Bedroom	W12-L	0.08		
				W12-U	3.31		
				W13-L	0.07		
				W13-U	0.50		
					3.96	1.00	YES
Third	R10	Residential	LKD	W14-L	0.17		
				W14-U	1.14		
				W15-L	0.03		
				W15-U	0.63		
				W16-L	0.03		
				W16-U	0.60		
					2.61	2.00	YES
Third	R11	Residential	LKD	W17-L	0.03		
				W17-U	0.60		
				W18-L	0.04		
				W18-U	0.81		
				W19-L	0.27		
				W19-U	3.14		
					4.89	2.00	YES
Third	R12	Residential	Bedroom	W20-L	0.09		
				W20-U	3.47		
					3.56	1.00	YES
Third	R13	Residential	Bedroom	W21-L	0.06		
				W21-U	2.31		
					2.37	1.00	YES
Third	R14	Residential	LKD	W22-L	0.02		
				W22-U	0.61		
				W23-L	0.26		
				W23-U	2.99		

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					3.87	2.00	YES
Third	R15	Residential	Bedroom	W24-L	0.04		
				W24-U	1.44		
					1.47	1.00	YES
Third	R16	Residential	Bedroom	W25-L	0.09		
				W25-U	3.50		
					3.58	1.00	YES
Third	R17	Residential	Bedroom	W26-L	0.08		
				W26-U	3.26		
					3.34	1.00	YES
Third	R18	Residential	LKD	W27-L	0.26		
				W27-U	3.03		
				W28-L	0.02		
				W28-U	0.67		
					3.98	2.00	YES
Third	R19	Residential	Bedroom	W29-L	0.07		
				W29-U	2.68		
					2.74	1.00	YES
Third	R20	Residential	Bedroom	W30-L	0.08		
				W30-U	2.98		
					3.06	1.00	YES
Third	R21	Residential	LKD	W31-L	0.22		
				W31-U	2.39		
				W32-L	0.04		
				W32-U	0.66		
				W33-L	0.04		
				W33-U	0.70		
					4.04	2.00	YES
Fourth	R1	Residential	LKD	W1-L	0.27		
				W1-U	3.02		
				W34-L	0.04		
				W34-U	0.78		
				W35-L	0.04		
				W35-U	0.79		
					4.95	2.00	YES
Fourth	R2	Residential	Bedroom	W2-L	0.13		
				W2-U	1.74		
				W3-L	0.09		
				W3-U	3.50		
					5.46	1.00	YES
Fourth	R3	Residential	Bedroom	W4-L	0.07		
				W4-U	2.75		
					2.82	1.00	YES
Fourth	R4	Residential	LKD	W5-L	0.15		
				W5-U	1.09		
					1.24	2.00	NO
Fourth	R5	Residential	Bedroom	W6-L	0.07		
				W6-U	0.63		
				W7-L	0.07		
				W7-U	2.51		
					3.28	1.00	YES
Fourth	R6	Residential	Bedroom	W8-L	0.07		

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				W8-U	2.52		
				W9-L	0.06		
				W9-U	0.55		
					<b>3.20</b>	1.00	YES
Fourth	R7	Residential	LKD	W10-L	0.15		
				W10-U	1.09		
					<b>1.24</b>	2.00	NO
Fourth	R8	Residential	Bedroom	W11-L	0.07		
				W11-U	2.82		
					<b>2.90</b>	1.00	YES
Fourth	R9	Residential	Bedroom	W12-L	0.09		
				W12-U	3.58		
				W13-L	0.12		
				W13-U	1.67		
					<b>5.46</b>	1.00	YES
Fourth	R10	Residential	LKD	W14-L	0.28		
				W14-U	3.04		
				W15-L	0.04		
				W15-U	0.72		
				W16-L	0.04		
				W16-U	0.72		
					<b>4.84</b>	2.00	YES
Fourth	R11	Residential	LKD	W17-L	0.04		
				W17-U	0.75		
				W18-L	0.05		
				W18-U	0.85		
				W19-L	0.30		
				W19-U	3.35		
					<b>5.34</b>	2.00	YES
Fourth	R12	Residential	Bedroom	W20-L	0.10		
				W20-U	3.78		
					<b>3.87</b>	1.00	YES
Fourth	R13	Residential	Bedroom	W21-L	0.06		
				W21-U	2.50		
					<b>2.57</b>	1.00	YES
Fourth	R14	Residential	LKD	W22-L	0.02		
				W22-U	0.67		
				W23-L	0.29		
				W23-U	3.28		
					<b>4.26</b>	2.00	YES
Fourth	R15	Residential	Bedroom	W24-L	0.04		
				W24-U	1.58		
					<b>1.62</b>	1.00	YES
Fourth	R16	Residential	Bedroom	W25-L	0.10		
				W25-U	3.85		
					<b>3.94</b>	1.00	YES
Fourth	R17	Residential	Bedroom	W26-L	0.09		
				W26-U	3.58		
					<b>3.67</b>	1.00	YES
Fourth	R18	Residential	LKD	W27-L	0.29		
				W27-U	3.33		
				W28-L	0.02		



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				W28-U	0.77		
					4.41	2.00	YES
Fourth	R19	Residential	Bedroom	W29-L	0.08		
				W29-U	2.89		
					2.96	1.00	YES
Fourth	R20	Residential	Bedroom	W30-L	0.09		
				W30-U	3.23		
					3.32	1.00	YES
Fourth	R21	Residential	LKD	W31-L	0.24		
				W31-U	2.58		
				W32-L	0.04		
				W32-U	0.73		
				W33-L	0.04		
				W33-U	0.72		
					4.35	2.00	YES
Fifth	R1	Residential	Living Room	W1-L	0.29		
				W1-U	3.79		
				W23-L	0.06		
				W23-U	2.63		
				W24-L	0.06		
				W24-U	2.63		
					9.47	1.50	YES
Fifth	R2	Residential	Bedroom	W2-L	0.29		
				W2-U	4.49		
					4.78	1.00	YES
Fifth	R3	Residential	Bedroom	W3-L	0.28		
				W3-U	4.20		
					4.48	1.00	YES
Fifth	R4	Residential	LKD	W4-L	0.22		
				W4-U	2.79		
					3.01	2.00	YES
Fifth	R5	Residential	Bedroom	W5-L	0.28		
				W5-U	4.14		
					4.41	1.00	YES
Fifth	R6	Residential	Bedroom	W6-L	0.29		
				W6-U	4.50		
					4.79	1.00	YES
Fifth	R7	Residential	Living Room	W7-L	0.29		
				W7-U	3.77		
				W8-L	0.06		
				W8-U	2.58		
				W9-L	0.06		
				W9-U	2.58		
					9.36	1.50	YES
Fifth	R8	Residential	Kitchen	W10-L	0.49		
				W10-U	6.28		
				W11	3.68		
					10.45	2.00	YES
Fifth	R9	Residential	Bedroom	W12-L	0.04		
				W12-U	1.88		
					1.92	1.00	YES
Fifth	R10	Residential	Bedroom	W13-L	0.07		

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				W13-U	2.98		
					<b>3.05</b>	1.00	YES
Fifth	R11	Residential	LKD	W14-L	0.19		
				W14-U	2.54		
				W15-L	0.20		
				W15-U	3.03		
					<b>5.95</b>	2.00	YES
Fifth	R12	Residential	Bedroom	W16-L	0.38		
				W16-U	5.69		
					<b>6.07</b>	1.00	YES
Fifth	R13	Residential	Bedroom	W17-L	0.38		
				W17-U	5.68		
				W18-L	0.35		
				W18-U	4.79		
					<b>11.21</b>	1.00	YES
Fifth	R14	Residential	Bedroom	W19-L	0.07		
				W19-U	2.95		
					<b>3.02</b>	1.00	YES
Fifth	R15	Residential	Bedroom	W20-L	0.04		
				W20-U	1.88		
					<b>1.92</b>	1.00	YES
Fifth	R16	Residential	Kitchen	W21	3.67		
				W22-L	0.50		
				W22-U	6.39		
					<b>10.56</b>	2.00	YES
<b>Block D</b>							
Ground	R1	Residential	Living Room	W1-L	0.13		
				W1-U	2.27		
				W2-L	0.05		
				W2-U	0.20		
				W23-L	0.08		
				W23-U	1.35		
					<b>4.08</b>	1.50	YES
Ground	R2	Residential	KD	W3-L	0.00		
				W3-U	0.00		
				W22	0.77		
					<b>0.77</b>	2.00	NO
Ground	R3	Residential	Bedroom	W4-L	0.06		
				W4-U	1.04		
				W5-L	0.05		
				W5-U	0.24		
					<b>1.40</b>	1.00	YES
Ground	R4	Residential	Bedroom	W6-L	0.01		
				W6-U	0.00		
					<b>0.01</b>	1.00	NO
Ground	R5	Residential	Bedroom	W7-L	0.01		
				W7-U	0.11		
					<b>0.13</b>	1.00	NO
Ground	R6	Residential	LKD	W8-L	0.03		
				W8-U	0.14		

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				W9-L	0.06		
				W9-U	1.01		
				W10	0.00		
				W11	0.00		
					<b>1.23</b>	2.00	<b>NO</b>
Ground	R7	Residential	Kitchen	W12	0.52		
					<b>0.52</b>	2.00	<b>NO</b>
Ground	R8	Residential	Living Room	W13-L	0.26		
				W13-U	1.91		
					<b>2.17</b>	1.50	YES
Ground	R9	Residential	Bedroom	W14-L	0.02		
				W14-U	0.47		
				W15-L	0.12		
				W15-U	2.21		
					<b>2.82</b>	1.00	YES
Ground	R10	Residential	Bedroom	W16-L	0.12		
				W16-U	2.09		
					<b>2.21</b>	1.00	YES
Ground	R11	Residential	Bedroom	W17-L	0.11		
				W17-U	1.93		
				W18-L	0.01		
				W18-U	0.36		
					<b>2.41</b>	1.00	YES
Ground	R12	Residential	Bedroom	W19-L	0.32		
				W19-U	2.43		
				W20-L	0.09		
				W20-U	1.55		
					<b>4.39</b>	1.00	YES
Ground	R13	Residential	Bedroom	W21-L	0.08		
				W21-U	1.40		
					<b>1.48</b>	1.00	YES
First	R1	Residential	LKD	W1-L	0.10		
				W1-U	1.67		
				W2-L	0.04		
				W2-U	0.20		
				W27	0.91		
				W28	0.90		
					<b>3.82</b>	2.00	YES
First	R2	Residential	Bedroom	W3-L	0.02		
				W3-U	0.00		
					<b>0.02</b>	1.00	<b>NO</b>
First	R3	Residential	Bedroom	W4-L	0.02		
				W4-U	0.00		
					<b>0.02</b>	1.00	<b>NO</b>
First	R4	Residential	LKD	W5-L	0.04		
				W5-U	0.35		
				W6-L	0.05		
				W6-U	0.89		
				W7-L	0.05		
				W7-U	0.88		
					<b>2.26</b>	2.00	YES
First	R5	Residential	LKD	W8-L	0.05		

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				W8-U	0.87		
				W9-L	0.05		
				W9-U	0.87		
				W10-L	0.04		
				W10-U	0.23		
					<b>2.11</b>	2.00	YES
First	R6	Residential	Bedroom	W11-L	0.03		
				W11-U	0.00		
					<b>0.03</b>	1.00	NO
First	R7	Residential	Bedroom	W12-L	0.03		
				W12-U	0.19		
					<b>0.23</b>	1.00	NO
First	R8	Residential	LKD	W13-L	0.04		
				W13-U	0.23		
				W14-L	0.09		
				W14-U	1.61		
				W15	0.00		
					<b>1.98</b>	2.00	NO
First	R9	Residential	Kitchen	W16	0.55		
					<b>0.55</b>	2.00	NO
First	R10	Residential	Living Room	W17-L	0.28		
				W17-U	2.26		
					<b>2.55</b>	1.50	YES
First	R11	Residential	Bedroom	W18-L	0.07		
				W18-U	0.64		
				W19-L	0.13		
				W19-U	2.39		
					<b>3.23</b>	1.00	YES
First	R12	Residential	Bedroom	W20-L	0.13		
				W20-U	2.25		
					<b>2.38</b>	1.00	YES
First	R13	Residential	Bedroom	W21-L	0.13		
				W21-U	2.27		
					<b>2.40</b>	1.00	YES
First	R14	Residential	Bedroom	W22-L	0.13		
				W22-U	2.41		
				W23-L	0.07		
				W23-U	0.55		
					<b>3.17</b>	1.00	YES
First	R15	Residential	Living Room	W24-L	0.28		
				W24-U	2.23		
				W25-L	0.08		
				W25-U	1.52		
					<b>4.12</b>	1.50	YES
First	R16	Residential	Kitchen	W26-L	0.11		
				W26-U	2.01		
					<b>2.12</b>	2.00	YES
Second	R1	Residential	LKD	W1-L	0.10		
				W1-U	1.86		
				W2-L	0.04		
				W2-U	0.29		
				W27	1.07		

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				W28	1.06		
					4.43	2.00	YES
Second	R2	Residential	Bedroom	W3-L	0.04		
				W3-U	0.00		
					0.04	1.00	NO
Second	R3	Residential	Bedroom	W4-L	0.04		
				W4-U	0.00		
					0.04	1.00	NO
Second	R4	Residential	LKD	W5-L	0.05		
				W5-U	0.39		
				W6-L	0.06		
				W6-U	1.01		
				W7-L	0.06		
				W7-U	1.00		
					2.57	2.00	YES
Second	R5	Residential	LKD	W8-L	0.06		
				W8-U	1.00		
				W9-L	0.06		
				W9-U	1.00		
				W10-L	0.04		
				W10-U	0.29		
					2.45	2.00	YES
Second	R6	Residential	Bedroom	W11-L	0.04		
				W11-U	0.00		
					0.04	1.00	NO
Second	R7	Residential	Bedroom	W12-L	0.05		
				W12-U	0.24		
					0.29	1.00	NO
Second	R8	Residential	LKD	W13-L	0.04		
				W13-U	0.29		
				W14-L	0.10		
				W14-U	1.82		
				W15	0.03		
					2.28	2.00	YES
Second	R9	Residential	Kitchen	W16	0.65		
					0.65	2.00	NO
Second	R10	Residential	Living Room	W17-L	0.30		
				W17-U	2.43		
					2.73	1.50	YES
Second	R11	Residential	Bedroom	W18-L	0.07		
				W18-U	0.64		
				W19-L	0.14		
				W19-U	2.50		
					3.35	1.00	YES
Second	R12	Residential	Bedroom	W20-L	0.13		
				W20-U	2.36		
					2.49	1.00	YES
Second	R13	Residential	Bedroom	W21-L	0.13		
				W21-U	2.35		
					2.48	1.00	YES
Second	R14	Residential	Bedroom	W22-L	0.14		
				W22-U	2.49		

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				W23-L	0.07		
				W23-U	0.57		
					<b>3.27</b>	1.00	YES
Second	R15	Residential	Living Room	W24-L	0.29		
				W24-U	2.32		
				W25-L	0.09		
				W25-U	1.70		
					<b>4.41</b>	1.50	YES
Second	R16	Residential	Kitchen	W26-L	0.12		
				W26-U	2.30		
					<b>2.42</b>	2.00	YES
Third	R1	Residential	LKD	W1-L	0.12		
				W1-U	2.08		
				W2-L	0.05		
				W2-U	0.35		
				W27	1.26		
				W28	1.25		
					<b>5.10</b>	2.00	YES
Third	R2	Residential	Bedroom	W3-L	0.06		
				W3-U	0.22		
					<b>0.28</b>	1.00	NO
Third	R3	Residential	Bedroom	W4-L	0.06		
				W4-U	0.11		
					<b>0.17</b>	1.00	NO
Third	R4	Residential	LKD	W5-L	0.05		
				W5-U	0.43		
				W6-L	0.06		
				W6-U	1.16		
				W7-L	0.06		
				W7-U	1.16		
					<b>2.93</b>	2.00	YES
Third	R5	Residential	LKD	W8-L	0.06		
				W8-U	1.16		
				W9-L	0.06		
				W9-U	1.16		
				W10-L	0.05		
				W10-U	0.39		
					<b>2.87</b>	2.00	YES
Third	R6	Residential	Bedroom	W11-L	0.06		
				W11-U	0.22		
					<b>0.28</b>	1.00	NO
Third	R7	Residential	Bedroom	W12-L	0.06		
				W12-U	0.38		
					<b>0.44</b>	1.00	NO
Third	R8	Residential	LKD	W13-L	0.04		
				W13-U	0.32		
				W14-L	0.11		
				W14-U	2.05		
				W15	0.37		
					<b>2.91</b>	2.00	YES
Third	R9	Residential	Kitchen	W16	0.79		
					<b>0.79</b>	2.00	NO

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Third	R10	Residential	Living Room	W17-L	0.41	1.50	YES
				W17-U	4.85		
					<b>5.27</b>		
Third	R11	Residential	Bedroom	W18-L	0.11	1.00	YES
				W18-U	1.34		
				W19-L	0.14		
				W19-U	2.56		
					<b>4.16</b>		
Third	R12	Residential	Bedroom	W20-L	0.14	1.00	YES
				W20-U	2.41		
					<b>2.55</b>		
Third	R13	Residential	Bedroom	W21-L	0.14	1.00	YES
				W21-U	2.41		
					<b>2.55</b>		
Third	R14	Residential	Bedroom	W22-L	0.14	1.00	YES
				W22-U	2.56		
				W23-L	0.11		
				W23-U	1.32		
					<b>4.13</b>		
Third	R15	Residential	Living Room	W24-L	0.40	1.50	YES
				W24-U	4.57		
				W25-L	0.11		
				W25-U	1.92		
					<b>7.00</b>		
Third	R16	Residential	Kitchen	W26-L	0.14	2.00	YES
				W26-U	2.62		
					<b>2.76</b>		
<b>Block E</b>							
Ground	R1	Residential	Bedroom	W1-L	0.15	1.00	YES
				W1-U	0.74		
				W27	1.65		
					<b>2.54</b>		
Ground	R2	Residential	LKD	W2-L	0.04	2.00	NO
				W2-U	0.30		
				W3-L	0.05		
				W3-U	0.86		
				W4	0.60		
					<b>1.86</b>		
Ground	R3	Residential	LKD	W5-L	0.01	2.00	NO
				W5-U	0.26		
				W6-L	0.09		
				W6-U	0.64		
					<b>1.01</b>		
Ground	R4	Residential	Bedroom	W7-L	0.05	1.00	YES
				W7-U	0.15		
				W8-L	0.11		
				W8-U	1.90		
					<b>2.20</b>		
Ground	R5	Residential	Bedroom	W9-L	0.10		
				W9-U	1.79		

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					<b>1.89</b>	1.00	YES
Ground	R6	Residential	Bedroom	W10-L	0.09		
				W10-U	1.60		
				W11-L	0.04		
				W11-U	0.18		
					<b>1.91</b>	1.00	YES
Ground	R7	Residential	LKD	W12-L	0.11		
				W12-U	0.77		
				W13-L	0.02		
				W13-U	0.33		
					<b>1.22</b>	2.00	NO
Ground	R8	Residential	LKD	W14	0.50		
				W15-L	0.04		
				W15-U	0.76		
				W16-L	0.05		
				W16-U	0.29		
					<b>1.64</b>	2.00	NO
Ground	R9	Residential	Bedroom	W17-L	0.14		
				W17-U	0.84		
				W18-L	0.10		
				W18-U	1.67		
					<b>2.75</b>	1.00	YES
Ground	R10	Residential	Bedroom	W19-L	0.08		
				W19-U	1.32		
				W20-L	0.07		
				W20-U	1.27		
					<b>2.73</b>	1.00	YES
Ground	R11	Residential	LKD	W21-L	0.02		
				W21-U	0.37		
				W22-L	0.16		
				W22-U	1.74		
					<b>2.29</b>	2.00	YES
Ground	R12	Residential	Bedroom	W23-L	0.08		
				W23-U	1.45		
					<b>1.53</b>	1.00	YES
Ground	R13	Residential	Bedroom	W24-L	0.07		
				W24-U	1.29		
					<b>1.36</b>	1.00	YES
Ground	R14	Residential	Bedroom	W25-L	0.08		
				W25-U	1.51		
				W26-L	0.09		
				W26-U	1.62		
					<b>3.30</b>	1.00	YES
First	R1	Residential	Bedroom	W1-L	0.19		
				W1-U	0.91		
				W34-L	0.12		
				W34-U	2.19		
					<b>3.41</b>	1.00	YES
First	R2	Residential	LKD	W2-L	0.05		
				W2-U	0.37		
				W3-L	0.06		
				W3-U	1.01		



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				W4	0.72		
					<b>2.21</b>	2.00	YES
First	R3	Residential	LKD	W5-L	0.02		
				W5-U	0.35		
				W6-L	0.13		
				W6-U	0.91		
					<b>1.41</b>	2.00	NO
First	R4	Residential	Bedroom	W7-L	0.05		
				W7-U	0.32		
				W8-L	0.10		
				W8-U	1.82		
					<b>2.29</b>	1.00	YES
First	R5	Residential	Bedroom	W9-L	0.11		
				W9-U	1.89		
				W10-L	0.04		
				W10-U	0.21		
					<b>2.24</b>	1.00	YES
First	R6	Residential	LKD	W11-L	0.13		
				W11-U	0.95		
					<b>1.08</b>	2.00	NO
First	R7	Residential	Bedroom	W12-L	0.10		
				W12-U	1.79		
				W13-L	0.05		
				W13-U	0.25		
					<b>2.18</b>	1.00	YES
First	R8	Residential	LKD	W14-L	0.12		
				W14-U	0.90		
				W15-L	0.02		
				W15-U	0.36		
					<b>1.40</b>	2.00	NO
First	R9	Residential	LKD	W16	0.54		
				W17-L	0.05		
				W17-U	0.88		
				W18-L	0.05		
				W18-U	0.37		
				W21	0.97		
					<b>2.87</b>	2.00	YES
First	R10	Residential	Bedroom	W19-L	0.17		
				W19-U	1.04		
				W20-L	0.11		
				W20-U	1.86		
					<b>3.18</b>	1.00	YES
First	R11	Residential	Bedroom	W22-L	0.08		
				W22-U	1.46		
				W23-L	0.08		
				W23-U	1.39		
					<b>3.01</b>	1.00	YES
First	R12	Residential	LKD	W24-L	0.02		
				W24-U	0.37		
				W25-L	0.17		
				W25-U	1.95		
					<b>2.52</b>	2.00	YES

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First	R13	Residential	Bedroom	W26-L	0.09	1.00	YES
				W26-U	1.63		
					<b>1.73</b>		
First	R14	Residential	Bedroom	W27-L	0.08	1.00	YES
				W27-U	1.45		
					<b>1.53</b>		
First	R15	Residential	Bedroom	W28-L	0.09	1.00	YES
				W28-U	1.54		
					<b>1.62</b>		
First	R16	Residential	Bedroom	W29-L	0.10	1.00	YES
				W29-U	1.78		
					<b>1.88</b>		
First	R17	Residential	LKD	W30-L	0.19	2.00	YES
				W30-U	2.17		
				W31-L	0.03		
				W31-U	0.47		
					<b>2.86</b>		
First	R18	Residential	Bedroom	W32-L	0.09	1.00	YES
				W32-U	1.59		
				W33-L	0.10		
				W33-U	1.79		
					<b>3.57</b>		
Second	R1	Residential	Bedroom	W1-L	0.24	1.00	YES
				W1-U	1.80		
				W32-L	0.13		
				W32-U	2.40		
					<b>4.57</b>		
Second	R2	Residential	LKD	W2-L	0.07	2.00	YES
				W2-U	0.48		
				W3-L	0.06		
				W3-U	1.16		
				W4	0.83		
					<b>2.59</b>		
Second	R3	Residential	LKD	W5-L	0.02	2.00	NO
				W5-U	0.38		
				W6-L	0.15		
				W6-U	1.21		
					<b>1.76</b>		
Second	R4	Residential	Bedroom	W7-L	0.06	1.00	YES
				W7-U	0.46		
				W8-L	0.11		
				W8-U	2.04		
					<b>2.67</b>		
Second	R5	Residential	Bedroom	W9-L	0.12	1.00	YES
				W9-U	2.08		
				W10-L	0.05		
				W10-U	0.36		
					<b>2.60</b>		
Second	R6	Residential	LKD	W11-L	0.14	2.00	NO
				W11-U	1.10		
					<b>1.24</b>		
Second	R7	Residential	Bedroom	W12-L	0.11		

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				W12-U	1.97		
				W13-L	0.05		
				W13-U	0.38		
					<b>2.52</b>	1.00	YES
Second	R8	Residential	LKD	W14-L	0.14		
				W14-U	1.06		
				W15-L	0.02		
				W15-U	0.39		
					<b>1.60</b>	2.00	NO
Second	R9	Residential	LKD	W16	0.72		
				W17-L	0.06		
				W17-U	1.02		
					<b>1.79</b>	2.00	NO
Second	R10	Residential	Bedroom	W18-L	0.21		
				W18-U	1.34		
				W19-L	0.12		
				W19-U	2.07		
					<b>3.74</b>	1.00	YES
Second	R11	Residential	Bedroom	W20-L	0.09		
				W20-U	1.61		
				W21-L	0.08		
				W21-U	1.52		
					<b>3.30</b>	1.00	YES
Second	R12	Residential	LKD	W22-L	0.02		
				W22-U	0.40		
				W23-L	0.19		
				W23-U	2.16		
					<b>2.77</b>	2.00	YES
Second	R13	Residential	Bedroom	W24-L	0.10		
				W24-U	1.83		
					<b>1.93</b>	1.00	YES
Second	R14	Residential	Bedroom	W25-L	0.09		
				W25-U	1.62		
					<b>1.71</b>	1.00	YES
Second	R15	Residential	Bedroom	W26-L	0.10		
				W26-U	1.69		
					<b>1.79</b>	1.00	YES
Second	R16	Residential	Bedroom	W27-L	0.11		
				W27-U	1.95		
					<b>2.06</b>	1.00	YES
Second	R17	Residential	LKD	W28-L	0.21		
				W28-U	2.34		
				W29-L	0.03		
				W29-U	0.49		
					<b>3.06</b>	2.00	YES
Second	R18	Residential	Bedroom	W30-L	0.09		
				W30-U	1.68		
				W31-L	0.11		
				W31-U	1.93		
					<b>3.81</b>	1.00	YES
Third	R1	Residential	LKD	W1-L	0.13		
				W1-U	1.03		

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				W2-L	0.07		
				W2-U	0.64		
				W3-L	0.07		
				W3-U	1.16		
				W33-L	0.07		
				W33-U	1.21		
					<b>4.37</b>	2.00	YES
Third	R2	Residential	Bedroom	W4-L	0.12		
				W4-U	2.15		
					<b>2.27</b>	1.00	YES
Third	R3	Residential	LKD	W5-L	0.02		
				W5-U	0.42		
				W6-L	0.17		
				W6-U	1.37		
					<b>1.98</b>	2.00	NO
Third	R4	Residential	Bedroom	W7-L	0.06		
				W7-U	0.55		
				W8-L	0.12		
				W8-U	2.17		
					<b>2.90</b>	1.00	YES
Third	R5	Residential	Bedroom	W9-L	0.12		
				W9-U	2.19		
				W10-L	0.05		
				W10-U	0.47		
					<b>2.84</b>	1.00	YES
Third	R6	Residential	LKD	W11-L	0.14		
				W11-U	1.20		
					<b>1.35</b>	2.00	NO
Third	R7	Residential	Bedroom	W12-L	0.12		
				W12-U	2.12		
				W13-L	0.06		
				W13-U	0.51		
					<b>2.80</b>	1.00	YES
Third	R8	Residential	LKD	W14-L	0.15		
				W14-U	1.27		
				W15-L	0.02		
				W15-U	0.41		
					<b>1.86</b>	2.00	NO
Third	R9	Residential	Bedroom	W16-L	0.11		
				W16-U	2.02		
					<b>2.13</b>	1.00	YES
Third	R10	Residential	LKD	W17-L	0.06		
				W17-U	1.16		
				W18-L	0.07		
				W18-U	0.59		
				W19-L	0.12		
				W19-U	0.91		
				W20-L	0.06		
				W20-U	1.07		
					<b>4.03</b>	2.00	YES
Third	R11	Residential	Bedroom	W21-L	0.10		
				W21-U	1.76		

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				W22-L	0.09		
				W22-U	1.63		
					<b>3.57</b>	1.00	YES
Third	R12	Residential	LKD	W23-L	0.02		
				W23-U	0.42		
				W24-L	0.21		
				W24-U	2.39		
					<b>3.04</b>	2.00	YES
Third	R13	Residential	Bedroom	W25-L	0.11		
				W25-U	2.03		
					<b>2.14</b>	1.00	YES
Third	R14	Residential	Bedroom	W26-L	0.10		
				W26-U	1.80		
					<b>1.90</b>	1.00	YES
Third	R15	Residential	Bedroom	W27-L	0.10		
				W27-U	1.85		
					<b>1.96</b>	1.00	YES
Third	R16	Residential	Bedroom	W28-L	0.12		
				W28-U	2.12		
					<b>2.24</b>	1.00	YES
Third	R17	Residential	LKD	W29-L	0.22		
				W29-U	2.53		
				W30-L	0.03		
				W30-U	0.50		
					<b>3.27</b>	2.00	YES
Third	R18	Residential	Bedroom	W31-L	0.10		
				W31-U	1.81		
				W32-L	0.12		
				W32-U	2.11		
					<b>4.14</b>	1.00	YES
Fourth	R1	Residential	LKD	W1-L	0.13		
				W1-U	1.05		
				W2-L	0.08		
				W2-U	0.73		
				W3-L	0.07		
				W3-U	1.25		
				W33-L	0.07		
				W33-U	1.29		
					<b>4.67</b>	2.00	YES
Fourth	R2	Residential	Bedroom	W4-L	0.12		
				W4-U	2.20		
					<b>2.32</b>	1.00	YES
Fourth	R3	Residential	LKD	W5-L	0.02		
				W5-U	0.43		
				W6-L	0.17		
				W6-U	1.37		
					<b>1.99</b>	2.00	NO
Fourth	R4	Residential	Bedroom	W7-L	0.07		
				W7-U	0.58		
				W8-L	0.13		
				W8-U	2.22		
					<b>3.00</b>	1.00	YES

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Fourth	R5	Residential	Bedroom	W9-L	0.13	1.00	YES
				W9-U	2.26		
				W10-L	0.06		
				W10-U	0.51		
					<b>2.95</b>		
Fourth	R6	Residential	LKD	W11-L	0.14	2.00	NO
				W11-U	1.21		
					<b>1.35</b>		
Fourth	R7	Residential	Bedroom	W12-L	0.13	1.00	YES
				W12-U	2.22		
				W13-L	0.07		
				W13-U	0.56		
					<b>2.97</b>		
Fourth	R8	Residential	LKD	W14-L	0.16	2.00	NO
				W14-U	1.37		
				W15-L	0.02		
				W15-U	0.42		
					<b>1.97</b>		
Fourth	R9	Residential	Bedroom	W16-L	0.12	1.00	YES
				W16-U	2.20		
					<b>2.32</b>		
Fourth	R10	Residential	LKD	W17-L	0.07	2.00	YES
				W17-U	1.26		
				W18-L	0.07		
				W18-U	0.62		
				W19-L	0.13		
				W19-U	1.06		
				W20-L	0.07		
				W20-U	1.18		
					<b>4.45</b>		
				Fourth	R11		
W21-U	2.00						
W22-L	0.10						
W22-U	1.88						
	<b>4.10</b>						
Fourth	R12	Residential	LKD	W23-L	0.03	2.00	YES
				W23-U	0.46		
				W24-L	0.23		
				W24-U	2.61		
					<b>3.33</b>		
Fourth	R13	Residential	Bedroom	W25-L	0.12	1.00	YES
				W25-U	2.21		
					<b>2.33</b>		
Fourth	R14	Residential	Bedroom	W26-L	0.11	1.00	YES
				W26-U	1.96		
					<b>2.07</b>		
Fourth	R15	Residential	Bedroom	W27-L	0.11	1.00	YES
				W27-U	1.99		
					<b>2.10</b>		
Fourth	R16	Residential	Bedroom	W28-L	0.13	1.00	YES
				W28-U	2.27		
					<b>2.39</b>		

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Fourth	R17	Residential	LKD	W29-L	0.24	2.00	YES
				W29-U	2.70		
				W30-L	0.03		
				W30-U	0.49		
					<b>3.46</b>		
Fourth	R18	Residential	Bedroom	W31-L	0.11	1.00	YES
				W31-U	1.92		
				W32-L	0.13		
				W32-U	2.22		
					<b>4.37</b>		
Fifth	R1	Residential	LKD	W1-L	0.17	2.00	YES
				W1-U	2.54		
				W2-L	0.16		
				W2-U	2.39		
				W21-L	0.20		
				W21-U	2.57		
					<b>8.04</b>		
Fifth	R2	Residential	Bedroom	W3-L	0.14	1.00	YES
				W3-U	1.65		
				W4-L	0.38		
				W4-U	5.27		
					<b>7.44</b>		
Fifth	R3	Residential	Bedroom	W5-L	0.33	1.00	YES
				W5-U	4.65		
					<b>4.99</b>		
Fifth	R4	Residential	LKD	W6-L	0.21	2.00	YES
				W6-U	2.98		
					<b>3.19</b>		
Fifth	R5	Residential	Bedroom	W7-L	0.38	1.00	YES
				W7-U	5.27		
					<b>5.65</b>		
Fifth	R6	Residential	Bedroom	W8-L	0.32	1.00	YES
				W8-U	4.42		
				W9-L	0.08		
				W9-U	1.81		
					<b>6.64</b>		
Fifth	R7	Residential	LKD	W10-L	0.18	2.00	YES
				W10-U	2.75		
				W11-L	0.19		
				W11-U	2.93		
				W12-L	0.23		
				W12-U	2.89		
					<b>9.18</b>		
Fifth	R8	Residential	LKD	W13-L	0.20	2.00	YES
				W13-U	2.42		
				W14-L	0.07		
				W14-U	1.41		
				W15-L	0.19		
				W15-U	2.78		
					<b>7.06</b>		
Fifth	R9	Residential	Bedroom	W16-L	0.32		
				W16-U	4.65		

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					4.97	1.00	YES
Fifth	R10	Residential	Bedroom	W17-L	0.30		
				W17-U	4.42		
					4.72	1.00	YES
Fifth	R11	Residential	LKD	W18-L	0.19		
				W18-U	2.78		
				W19-L	0.07		
				W19-U	1.43		
				W20-L	0.20		
				W20-U	2.46		
					7.13	2.00	YES
<b>Block F</b>							
Ground	R1	Residential	LKD	W1-L	0.21		
				W1-U	2.46		
					2.67	2.00	YES
Ground	R2	Residential	LKD	W2-L	0.20		
				W2-U	2.43		
					2.63	2.00	YES
Ground	R3	Residential	LKD	W3-L	0.20		
				W3-U	2.35		
					2.54	2.00	YES
Ground	R4	Residential	LKD	W4-L	0.18		
				W4-U	2.23		
					2.41	2.00	YES
First	R1	Residential	Bedroom	W1-L	0.22		
				W1-U	1.96		
					2.19	1.00	YES
First	R2	Residential	Bedroom	W2-L	0.15		
				W2-U	1.36		
					1.51	1.00	YES
First	R3	Residential	Bedroom	W3-L	0.22		
				W3-U	1.92		
					2.14	1.00	YES
First	R4	Residential	Bedroom	W4-L	0.15		
				W4-U	1.33		
					1.48	1.00	YES
First	R5	Residential	Bedroom	W5-L	0.21		
				W5-U	1.86		
					2.07	1.00	YES
First	R6	Residential	Bedroom	W6-L	0.14		
				W6-U	1.29		
					1.43	1.00	YES
First	R7	Residential	Bedroom	W7-L	0.20		
				W7-U	1.76		
					1.96	1.00	YES
First	R8	Residential	Bedroom	W8-L	0.14		
				W8-U	1.23		
					1.36	1.00	YES
First	R9	Residential	Living Room	W9-L	0.02		
				W9-U	0.35		



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				W10-L	0.12		
				W10-U	1.04		
				W11-L	0.12		
				W11-U	1.05		
					<b>2.70</b>	1.50	YES
First	R10	Residential	Living Room	W12-L	0.12		
				W12-U	1.06		
				W13-L	0.12		
				W13-U	1.08		
					<b>2.39</b>	1.50	YES
First	R11	Residential	Living Room	W14-L	0.13		
				W14-U	1.13		
				W15-L	0.13		
				W15-U	1.16		
					<b>2.55</b>	1.50	YES
First	R12	Residential	Living Room	W16-L	0.14		
				W16-U	1.20		
				W17-L	0.14		
				W17-U	1.20		
					<b>2.67</b>	1.50	YES
Second	R1	Residential	Bedroom	W1-L	0.21		
				W1-U	1.84		
					<b>2.04</b>	1.00	YES
Second	R2	Residential	Bedroom	W2-L	0.20		
				W2-U	1.79		
					<b>1.99</b>	1.00	YES
Second	R3	Residential	Bedroom	W3-L	0.20		
				W3-U	1.74		
					<b>1.93</b>	1.00	YES
Second	R4	Residential	Bedroom	W4-L	0.19		
				W4-U	1.64		
					<b>1.83</b>	1.00	YES
Second	R5	Residential	Bedroom	W5-L	0.20		
				W5-U	1.80		
					<b>2.00</b>	1.00	YES
Second	R6	Residential	Bedroom	W6-L	0.21		
				W6-U	1.84		
					<b>2.04</b>	1.00	YES
Second	R7	Residential	Bedroom	W7-L	0.21		
				W7-U	1.91		
					<b>2.13</b>	1.00	YES
Second	R8	Residential	Bedroom	W8-L	0.22		
				W8-U	1.96		
					<b>2.18</b>	1.00	YES
<b>Block G</b>							
Ground	R1	Residential	LKD	W1	0.65		
				W14-L	0.16		
				W14-U	1.39		
				W15	0.16		
					<b>2.36</b>	2.00	YES

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Ground	R2	Residential	LKD	W2	0.64	2.00	YES
				W13-L	0.17		
				W13-U	1.41		
					2.22		
Ground	R3	Residential	LKD	W3	0.64	2.00	YES
				W12-L	0.18		
				W12-U	1.52		
					2.34		
Ground	R4	Residential	LKD	W4	0.64	2.00	YES
				W11-L	0.18		
				W11-U	1.55		
					2.36		
Ground	R5	Residential	LKD	W5	0.63	2.00	YES
				W10-L	0.17		
				W10-U	1.43		
					2.24		
Ground	R6	Residential	LKD	W6	0.63	2.00	YES
				W9-L	0.15		
				W9-U	1.22		
					2.00		
Ground	R7	Residential	LKD	W7	0.63	2.00	YES
				W8-L	0.15		
				W8-U	1.24		
					2.02		
First	R1	Residential	Bedroom	W1-L	0.24	1.00	YES
				W1-U	2.10		
					2.34		
First	R2	Residential	Bedroom	W2-L	0.14	1.00	YES
				W2-U	1.28		
					1.42		
First	R3	Residential	Bedroom	W3-L	0.14	1.00	YES
				W3-U	1.28		
					1.41		
First	R4	Residential	Bedroom	W4-L	0.24	1.00	YES
				W4-U	2.10		
					2.34		
First	R5	Residential	Bedroom	W5-L	0.24	1.00	YES
				W5-U	2.10		
					2.33		
First	R6	Residential	Bedroom	W6-L	0.14	1.00	YES
				W6-U	1.27		
					1.41		
First	R7	Residential	Bedroom	W7-L	0.14	1.00	YES
				W7-U	1.27		
					1.40		
First	R8	Residential	Bedroom	W8-L	0.24	1.00	YES
				W8-U	2.09		
					2.33		
First	R9	Residential	Bedroom	W9-L	0.24	1.00	YES
				W9-U	2.09		
					2.33		
First	R10	Residential	Bedroom	W10-L	0.14		

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				W10-U	1.25		
					<b>1.39</b>	1.00	YES
First	R11	Residential	Bedroom	W11-L	0.14		
				W11-U	1.25		
					<b>1.39</b>	1.00	YES
First	R12	Residential	Bedroom	W12-L	0.24		
				W12-U	2.08		
					<b>2.32</b>	1.00	YES
First	R13	Residential	Bedroom	W13-L	0.24		
				W13-U	2.09		
					<b>2.32</b>	1.00	YES
First	R14	Residential	Bedroom	W14-L	0.14		
				W14-U	1.26		
					<b>1.39</b>	1.00	YES
First	R15	Residential	Living Room	W15-L	0.12		
				W15-U	1.01		
				W16-L	0.11		
				W16-U	0.95		
					<b>2.19</b>	1.50	YES
First	R16	Residential	Living Room	W17-L	0.11		
				W17-U	0.95		
				W18-L	0.11		
				W18-U	0.99		
					<b>2.16</b>	1.50	YES
First	R17	Residential	Living Room	W19-L	0.12		
				W19-U	1.08		
				W20-L	0.13		
				W20-U	1.13		
					<b>2.47</b>	1.50	YES
First	R18	Residential	Living Room	W21-L	0.14		
				W21-U	1.18		
				W22-L	0.14		
				W22-U	1.20		
					<b>2.65</b>	1.50	YES
First	R19	Residential	Living Room	W23-L	0.14		
				W23-U	1.19		
				W24-L	0.13		
				W24-U	1.18		
					<b>2.64</b>	1.50	YES
First	R20	Residential	Living Room	W25-L	0.13		
				W25-U	1.15		
				W26-L	0.13		
				W26-U	1.12		
					<b>2.53</b>	1.50	YES
First	R21	Residential	Living Room	W27-L	0.13		
				W27-U	1.12		
				W28-L	0.13		
				W28-U	1.15		
					<b>2.52</b>	1.50	YES
Second	R1	Residential	Bedroom	W1-L	0.27		
				W1-U	2.37		
					<b>2.64</b>	1.00	YES

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Second	R2	Residential	Bedroom	W2-L	0.27	1.00	YES
				W2-U	2.36		
					<b>2.63</b>		
Second	R3	Residential	Bedroom	W3-L	0.27	1.00	YES
				W3-U	2.36		
					<b>2.63</b>		
Second	R4	Residential	Bedroom	W4-L	0.27	1.00	YES
				W4-U	2.36		
					<b>2.63</b>		
Second	R5	Residential	Bedroom	W5-L	0.27	1.00	YES
				W5-U	2.36		
					<b>2.63</b>		
Second	R6	Residential	Bedroom	W6-L	0.27	1.00	YES
				W6-U	2.37		
					<b>2.64</b>		
Second	R7	Residential	Bedroom	W7-L	0.27	1.00	YES
				W7-U	2.36		
					<b>2.63</b>		
Second	R8	Residential	Bedroom	W8-L	0.15	1.00	YES
				W8-U	1.33		
					<b>1.48</b>		
Second	R9	Residential	Bedroom	W9-L	0.15	1.00	YES
				W9-U	1.33		
					<b>1.48</b>		
Second	R10	Residential	Bedroom	W10-L	0.17	1.00	YES
				W10-U	1.49		
					<b>1.66</b>		
Second	R11	Residential	Bedroom	W11-L	0.17	1.00	YES
				W11-U	1.54		
					<b>1.71</b>		
Second	R12	Residential	Bedroom	W12-L	0.17	1.00	YES
				W12-U	1.56		
					<b>1.73</b>		
Second	R13	Residential	Bedroom	W13-L	0.17	1.00	YES
				W13-U	1.56		
					<b>1.73</b>		
Second	R14	Residential	Bedroom	W14-L	0.18	1.00	YES
				W14-U	1.59		
					<b>1.76</b>		
<b>Block H</b>							
Ground	R1	Residential	LKD	W1	0.10	2.00	YES
				W8-L	0.23		
				W8-U	1.94		
					<b>2.27</b>		
Ground	R2	Residential	LKD	W2	0.00	2.00	YES
				W7-L	0.23		
				W7-U	1.95		
					<b>2.18</b>		
Ground	R3	Residential	LKD	W3	0.00		
				W6-L	0.22		

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				W6-U	1.92		
					2.14	2.00	YES
Ground	R4	Residential	LKD	W4	0.00		
				W5-L	0.21		
				W5-U	1.81		
					2.02	2.00	YES
First	R1	Residential	Bedroom	W1-L	0.17		
				W1-U	1.53		
					1.70	1.00	YES
First	R2	Residential	Bedroom	W2-L	0.13		
				W2-U	1.14		
					1.26	1.00	YES
First	R3	Residential	Bedroom	W3-L	0.16		
				W3-U	1.40		
					1.56	1.00	YES
First	R4	Residential	Bedroom	W4-L	0.11		
				W4-U	0.94		
					1.05	1.00	YES
First	R5	Residential	Bedroom	W5-L	0.15		
				W5-U	1.34		
					1.49	1.00	YES
First	R6	Residential	Bedroom	W6-L	0.11		
				W6-U	0.94		
					1.05	1.00	YES
First	R7	Residential	Bedroom	W7-L	0.15		
				W7-U	1.31		
					1.46	1.00	YES
First	R8	Residential	Bedroom	W8-L	0.11		
				W8-U	0.97		
					1.09	1.00	YES
First	R9	Residential	Living Room	W9-L	0.01		
				W9-U	0.15		
				W10-L	0.13		
				W10-U	1.15		
				W11-L	0.13		
				W11-U	1.19		
					2.76	1.50	YES
First	R10	Residential	Living Room	W12-L	0.14		
				W12-U	1.24		
				W13-L	0.14		
				W13-U	1.26		
					2.79	1.50	YES
First	R11	Residential	Living Room	W14-L	0.14		
				W14-U	1.28		
				W15-L	0.14		
				W15-U	1.28		
					2.85	1.50	YES
First	R12	Residential	Living Room	W16-L	0.14		
				W16-U	1.29		
				W17-L	0.14		
				W17-U	1.29		
					2.87	1.50	YES

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Second	R1	Residential	Bedroom	W1-L	0.20	1.00	YES
				W1-U	1.75		
					<b>1.94</b>		
Second	R2	Residential	Bedroom	W2-L	0.18	1.00	YES
				W2-U	1.64		
					<b>1.83</b>		
Second	R3	Residential	Bedroom	W3-L	0.18	1.00	YES
				W3-U	1.58		
					<b>1.76</b>		
Second	R4	Residential	Bedroom	W4-L	0.17	1.00	YES
				W4-U	1.54		
					<b>1.72</b>		
Second	R5	Residential	Bedroom	W5-L	0.18	1.00	YES
				W5-U	1.59		
					<b>1.77</b>		
Second	R6	Residential	Bedroom	W6-L	0.19	1.00	YES
				W6-U	1.68		
					<b>1.87</b>		
Second	R7	Residential	Bedroom	W7-L	0.19	1.00	YES
				W7-U	1.71		
					<b>1.91</b>		
Second	R8	Residential	Bedroom	W8-L	0.19	1.00	YES
				W8-U	1.73		
					<b>1.92</b>		
Third	R1	Residential	Bedroom	W1-L	0.23	1.00	YES
				W1-U	3.21		
					<b>3.44</b>		
Third	R2	Residential	Bedroom	W2-L	0.22	1.00	YES
				W2-U	3.12		
					<b>3.34</b>		
Third	R3	Residential	Bedroom	W3-L	0.22	1.00	YES
				W3-U	3.05		
					<b>3.27</b>		
Third	R4	Residential	Bedroom	W4-L	0.21	1.00	YES
				W4-U	3.00		
					<b>3.21</b>		
Third	R5	Residential	Living Room	W5-L	0.37	1.50	YES
				W5-U	3.39		
					<b>3.76</b>		
Third	R6	Residential	Living Room	W6-L	0.39	1.50	YES
				W6-U	3.56		
					<b>3.95</b>		
Third	R7	Residential	Living Room	W7-L	0.40	1.50	YES
				W7-U	3.63		
					<b>4.03</b>		
Third	R8	Residential	Living Room	W8-L	0.37	1.50	YES
				W8-U	3.31		
					<b>3.67</b>		
<b>Block I</b>							
Ground	R1	Residential	Bedroom	W1-L	0.14		

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				W1-U	0.83		
				W27-L	0.10		
				W27-U	1.68		
					<b>2.75</b>	1.00	YES
Ground	R2	Residential	LKD	W2-L	0.05		
				W2-U	0.29		
				W3-L	0.04		
				W3-U	0.76		
				W4	0.50		
					<b>1.64</b>	2.00	NO
Ground	R3	Residential	LKD	W5-L	0.02		
				W5-U	0.35		
				W6-L	0.11		
				W6-U	0.77		
					<b>1.24</b>	2.00	NO
Ground	R4	Residential	Bedroom	W7-L	0.04		
				W7-U	0.17		
				W8-L	0.09		
				W8-U	1.60		
					<b>1.90</b>	1.00	YES
Ground	R5	Residential	Bedroom	W9-L	0.10		
				W9-U	1.79		
					<b>1.89</b>	1.00	YES
Ground	R6	Residential	Bedroom	W10-L	0.11		
				W10-U	1.90		
				W11-L	0.05		
				W11-U	0.26		
					<b>2.32</b>	1.00	YES
Ground	R7	Residential	LKD	W12-L	0.09		
				W12-U	0.64		
				W13-L	0.02		
				W13-U	0.30		
					<b>1.05</b>	2.00	NO
Ground	R8	Residential	LKD	W14	0.60		
				W15-L	0.05		
				W15-U	0.87		
				W16-L	0.05		
				W16-U	0.36		
					<b>1.93</b>	2.00	NO
Ground	R9	Residential	Bedroom	W17-L	0.16		
				W17-U	0.94		
				W18	1.30		
					<b>2.40</b>	1.00	YES
Ground	R10	Residential	Bedroom	W19-L	0.07		
				W19-U	1.20		
				W20-L	0.07		
				W20-U	1.18		
					<b>2.52</b>	1.00	YES
Ground	R11	Residential	Bedroom	W21-L	0.08		
				W21-U	1.39		
					<b>1.47</b>	1.00	YES
Ground	R12	Residential	Bedroom	W22-L	0.09		

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				W22-U	1.54		
					<b>1.63</b>	1.00	YES
Ground	R13	Residential	LKD	W23-L	0.16		
				W23-U	1.68		
				W24-L	0.02		
				W24-U	0.39		
					<b>2.25</b>	2.00	YES
Ground	R14	Residential	Bedroom	W25-L	0.07		
				W25-U	1.26		
				W26-L	0.08		
				W26-U	1.34		
					<b>2.75</b>	1.00	YES
First	R1	Residential	Bedroom	W1-L	0.17		
				W1-U	1.04		
				W33-L	0.11		
				W33-U	1.87		
					<b>3.18</b>	1.00	YES
First	R2	Residential	LKD	W2-L	0.05		
				W2-U	0.37		
				W3-L	0.05		
				W3-U	0.88		
				W4	0.55		
					<b>1.90</b>	2.00	NO
First	R3	Residential	LKD	W5-L	0.02		
				W5-U	0.37		
				W6-L	0.12		
				W6-U	0.90		
					<b>1.41</b>	2.00	NO
First	R4	Residential	Bedroom	W7-L	0.05		
				W7-U	0.24		
				W8-L	0.10		
				W8-U	1.79		
					<b>2.18</b>	1.00	YES
First	R5	Residential	LKD	W9-L	0.13		
				W9-U	0.95		
					<b>1.08</b>	2.00	NO
First	R6	Residential	Bedroom	W10-L	0.04		
				W10-U	0.21		
				W11-L	0.11		
				W11-U	1.89		
					<b>2.25</b>	1.00	YES
First	R7	Residential	Bedroom	W12-L	0.10		
				W12-U	1.83		
				W13-L	0.05		
				W13-U	0.37		
					<b>2.36</b>	1.00	YES
First	R8	Residential	LKD	W14-L	0.13		
				W14-U	0.91		
				W15-L	0.02		
				W15-U	0.37		
					<b>1.43</b>	2.00	NO
First	R9	Residential	LKD	W16	0.71		



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				W17-L	0.06		
				W17-U	1.01		
				W18-L	0.06		
				W18-U	0.44		
					<b>2.27</b>	2.00	YES
First	R10	Residential	Bedroom	W19-L	0.25		
				W19-U	1.38		
				W20-L	0.12		
				W20-U	2.15		
					<b>3.91</b>	1.00	YES
First	R11	Residential	Bedroom	W21-L	0.08		
				W21-U	1.35		
				W22-L	0.07		
				W22-U	1.30		
					<b>2.81</b>	1.00	YES
First	R12	Residential	LKD	W23-L	0.02		
				W23-U	0.38		
				W24-L	0.17		
				W24-U	1.92		
					<b>2.49</b>	2.00	YES
First	R13	Residential	Bedroom	W25-L	0.10		
				W25-U	1.70		
					<b>1.79</b>	1.00	YES
First	R14	Residential	Bedroom	W26-L	0.09		
				W26-U	1.53		
					<b>1.62</b>	1.00	YES
First	R15	Residential	Bedroom	W27-L	0.09		
				W27-U	1.55		
					<b>1.64</b>	1.00	YES
First	R16	Residential	Bedroom	W28-L	0.10		
				W28-U	1.73		
					<b>1.83</b>	1.00	YES
First	R17	Residential	LKD	W29-L	0.17		
				W29-U	1.91		
				W30-L	0.02		
				W30-U	0.41		
					<b>2.51</b>	2.00	YES
First	R18	Residential	Bedroom	W31-L	0.08		
				W31-U	1.39		
				W32-L	0.08		
				W32-U	1.47		
					<b>3.03</b>	1.00	YES
Second	R1	Residential	Bedroom	W1-L	0.21		
				W1-U	1.33		
				W33-L	0.12		
				W33-U	2.07		
					<b>3.73</b>	1.00	YES
Second	R2	Residential	LKD	W2-L	0.06		
				W2-U	0.50		
				W3-L	0.06		
				W3-U	1.02		
				W4	0.72		

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					2.36	2.00	YES
Second	R3	Residential	LKD	W5-L	0.02		
				W5-U	0.39		
				W6-L	0.14		
				W6-U	1.06		
					1.61	2.00	NO
Second	R4	Residential	Bedroom	W7-L	0.05		
				W7-U	0.38		
				W8-L	0.11		
				W8-U	1.97		
					2.52	1.00	YES
Second	R5	Residential	LKD	W9-L	0.14		
				W9-U	1.11		
					1.24	2.00	NO
Second	R6	Residential	Bedroom	W10-L	0.05		
				W10-U	0.36		
				W11-L	0.12		
				W11-U	2.08		
					2.60	1.00	YES
Second	R7	Residential	Bedroom	W12-L	0.11		
				W12-U	2.05		
				W13-L	0.06		
				W13-U	0.49		
					2.71	1.00	YES
Second	R8	Residential	LKD	W14-L	0.15		
				W14-U	1.21		
				W15-L	0.02		
				W15-U	0.40		
					1.78	2.00	NO
Second	R9	Residential	LKD	W16	0.83		
				W17-L	0.06		
				W17-U	1.17		
				W18-L	0.06		
				W18-U	0.54		
					2.67	2.00	YES
Second	R10	Residential	Bedroom	W19-L	0.24		
				W19-U	1.90		
				W20-L	0.11		
				W20-U	1.97		
					4.23	1.00	YES
Second	R11	Residential	Bedroom	W21-L	0.09		
				W21-U	1.51		
				W22-L	0.08		
				W22-U	1.44		
					3.12	1.00	YES
Second	R12	Residential	LKD	W23-L	0.02		
				W23-U	0.40		
				W24-L	0.19		
				W24-U	2.13		
					2.75	2.00	YES
Second	R13	Residential	Bedroom	W25-L	0.11		
				W25-U	1.89		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
					1.99	1.00	YES
Second	R14	Residential	Bedroom	W26-L	0.10		
				W26-U	1.70		
					1.80	1.00	YES
Second	R15	Residential	Bedroom	W27-L	0.10		
				W27-U	1.73		
					1.83	1.00	YES
Second	R16	Residential	Bedroom	W28-L	0.11		
				W28-U	1.93		
					2.04	1.00	YES
Second	R17	Residential	LKD	W29-L	0.19		
				W29-U	2.14		
				W30-L	0.02		
				W30-U	0.43		
					2.79	2.00	YES
Second	R18	Residential	Bedroom	W31-L	0.09		
				W31-U	1.53		
				W32-L	0.09		
				W32-U	1.62		
					3.33	1.00	YES
Third	R1	Residential	LKD	W1-L	0.12		
				W1-U	0.91		
				W2-L	0.07		
				W2-U	0.59		
				W3-L	0.06		
				W3-U	1.16		
				W33-L	0.06		
				W33-U	1.07		
					4.03	2.00	YES
Third	R2	Residential	Bedroom	W4	1.72		
					1.72	1.00	YES
Third	R3	Residential	LKD	W5-L	0.02		
				W5-U	0.42		
				W6-L	0.15		
				W6-U	1.27		
					1.87	2.00	NO
Third	R4	Residential	Bedroom	W7-L	0.06		
				W7-U	0.50		
				W8-L	0.12		
				W8-U	2.12		
					2.81	1.00	YES
Third	R5	Residential	LKD	W9-L	0.14		
				W9-U	1.20		
					1.35	2.00	NO
Third	R6	Residential	Bedroom	W10-L	0.05		
				W10-U	0.47		
				W11-L	0.12		
				W11-U	2.20		
					2.85	1.00	YES
Third	R7	Residential	Bedroom	W12-L	0.12		
				W12-U	2.17		
				W13-L	0.07		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
				W13-U	0.55		
					<b>2.91</b>	1.00	YES
Third	R8	Residential	LKD	W14-L	0.17		
				W14-U	1.38		
				W15-L	0.02		
				W15-U	0.42		
					<b>1.99</b>	2.00	NO
Third	R9	Residential	Bedroom	W16-L	0.12		
				W16-U	2.16		
					<b>2.28</b>	1.00	YES
Third	R10	Residential	LKD	W17-L	0.07		
				W17-U	1.17		
				W18-L	0.07		
				W18-U	0.63		
				W19-L	0.13		
				W19-U	1.05		
				W20-L	0.06		
				W20-U	1.03		
					<b>4.20</b>	2.00	YES
Third	R11	Residential	Bedroom	W21-L	0.10		
				W21-U	1.75		
				W22-L	0.09		
				W22-U	1.62		
					<b>3.55</b>	1.00	YES
Third	R12	Residential	LKD	W23-L	0.02		
				W23-U	0.44		
				W24-L	0.21		
				W24-U	2.36		
					<b>3.03</b>	2.00	YES
Third	R13	Residential	Bedroom	W25-L	0.12		
				W25-U	2.08		
					<b>2.20</b>	1.00	YES
Third	R14	Residential	Bedroom	W26-L	0.10		
				W26-U	1.87		
					<b>1.98</b>	1.00	YES
Third	R15	Residential	Bedroom	W27-L	0.11		
				W27-U	1.91		
					<b>2.02</b>	1.00	YES
Third	R16	Residential	Bedroom	W28-L	0.12		
				W28-U	2.14		
					<b>2.26</b>	1.00	YES
Third	R17	Residential	LKD	W29-L	0.21		
				W29-U	2.39		
				W30-L	0.03		
				W30-U	0.45		
					<b>3.08</b>	2.00	YES
Third	R18	Residential	Bedroom	W31-L	0.10		
				W31-U	1.72		
				W32-L	0.10		
				W32-U	1.83		
					<b>3.75</b>	1.00	YES
Fourth	R1	Residential	LKD	W1-L	0.13		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
				W1-U	1.05		
				W2-L	0.07		
				W2-U	0.64		
				W3-L	0.07		
				W3-U	1.25		
				W33-L	0.07		
				W33-U	1.17		
					<b>4.45</b>	2.00	YES
Fourth	R2	Residential	Bedroom	W4-L	0.12		
				W4-U	2.24		
					<b>2.36</b>	1.00	YES
Fourth	R3	Residential	LKD	W5-L	0.02		
				W5-U	0.46		
				W6-L	0.16		
				W6-U	1.37		
					<b>2.01</b>	2.00	YES
Fourth	R4	Residential	Bedroom	W7-L	0.07		
				W7-U	0.56		
				W8-L	0.13		
				W8-U	2.22		
					<b>2.97</b>	1.00	YES
Fourth	R5	Residential	LKD	W9-L	0.14		
				W9-U	1.21		
					<b>1.35</b>	2.00	NO
Fourth	R6	Residential	Bedroom	W10-L	0.06		
				W10-U	0.51		
				W11-L	0.13		
				W11-U	2.26		
					<b>2.95</b>	1.00	YES
Fourth	R7	Residential	Bedroom	W12-L	0.13		
				W12-U	2.22		
				W13-L	0.07		
				W13-U	0.57		
					<b>2.98</b>	1.00	YES
Fourth	R8	Residential	LKD	W14-L	0.17		
				W14-U	1.38		
				W15-L	0.03		
				W15-U	0.46		
					<b>2.03</b>	2.00	YES
Fourth	R9	Residential	Bedroom	W16-L	0.12		
				W16-U	2.19		
					<b>2.32</b>	1.00	YES
Fourth	R10	Residential	LKD	W17-L	0.07		
				W17-U	1.27		
				W18-L	0.08		
				W18-U	0.65		
				W19-L	0.13		
				W19-U	1.06		
				W20-L	0.06		
				W20-U	1.12		
					<b>4.46</b>	2.00	YES
Fourth	R11	Residential	Bedroom	W21-L	0.11		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
				W21-U	1.91		
				W22-L	0.10		
				W22-U	1.82		
					<b>3.94</b>	1.00	YES
Fourth	R12	Residential	LKD	W23-L	0.03		
				W23-U	0.49		
				W24-L	0.23		
				W24-U	2.64		
					<b>3.39</b>	2.00	YES
Fourth	R13	Residential	Bedroom	W25-L	0.13		
				W25-U	2.30		
					<b>2.43</b>	1.00	YES
Fourth	R14	Residential	Bedroom	W26-L	0.11		
				W26-U	2.06		
					<b>2.18</b>	1.00	YES
Fourth	R15	Residential	Bedroom	W27-L	0.12		
				W27-U	2.06		
					<b>2.17</b>	1.00	YES
Fourth	R16	Residential	Bedroom	W28-L	0.13		
				W28-U	2.32		
					<b>2.45</b>	1.00	YES
Fourth	R17	Residential	LKD	W29-L	0.23		
				W29-U	2.63		
				W30-L	0.03		
				W30-U	0.50		
					<b>3.40</b>	2.00	YES
Fourth	R18	Residential	Bedroom	W31-L	0.10		
				W31-U	1.88		
				W32-L	0.11		
				W32-U	2.00		
					<b>4.10</b>	1.00	YES
Fifth	R1	Residential	LKD	W1-L	0.19		
				W1-U	2.93		
				W2-L	0.18		
				W2-U	2.75		
				W21-L	0.23		
				W21-U	2.88		
					<b>9.18</b>	2.00	YES
Fifth	R2	Residential	Bedroom	W3-L	0.08		
				W3-U	1.81		
				W4-L	0.32		
				W4-U	4.42		
					<b>6.63</b>	1.00	YES
Fifth	R3	Residential	Bedroom	W5-L	0.38		
				W5-U	5.27		
					<b>5.65</b>	1.00	YES
Fifth	R4	Residential	LKD	W6-L	0.21		
				W6-U	2.98		
					<b>3.19</b>	2.00	YES
Fifth	R5	Residential	Bedroom	W7-L	0.33		
				W7-U	4.65		
					<b>4.99</b>	1.00	YES

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
Fifth	R6	Residential	Bedroom	W8-L	0.38	1.00	YES
				W8-U	5.26		
				W9-L	0.10		
				W9-U	2.16		
					<b>7.89</b>		
Fifth	R7	Residential	LKD	W10-L	0.16	2.00	YES
				W10-U	2.39		
				W11-L	0.17		
				W11-U	2.54		
				W12-L	0.20		
				W12-U	2.48		
	<b>7.94</b>						
Fifth	R8	Residential	LKD	W13-L	0.20	2.00	YES
				W13-U	2.37		
				W14-L	0.07		
				W14-U	1.38		
				W15-L	0.19		
				W15-U	2.76		
	<b>6.97</b>						
Fifth	R9	Residential	Bedroom	W16-L	0.30	1.00	YES
				W16-U	4.43		
					<b>4.74</b>		
Fifth	R10	Residential	Bedroom	W17-L	0.32	1.00	YES
				W17-U	4.74		
					<b>5.06</b>		
Fifth	R11	Residential	LKD	W18-L	0.19	2.00	YES
				W18-U	2.82		
				W19-L	0.07		
				W19-U	1.40		
				W20-L	0.20		
				W20-U	2.41		
					<b>7.10</b>		
<b>Block J</b>							
Ground	R1	Residential	LKD	W1-L	0.23	2.00	YES
				W1-U	1.99		
				W8	0.04		
					<b>2.26</b>		
Ground	R2	Residential	LKD	W2-L	0.23	2.00	YES
				W2-U	1.96		
				W7	0.00		
					<b>2.19</b>		
Ground	R3	Residential	LKD	W3-L	0.22	2.00	YES
				W3-U	1.89		
				W6	0.00		
					<b>2.12</b>		
Ground	R4	Residential	LKD	W4-L	0.21	2.00	YES
				W4-U	1.79		
				W5	0.05		
					<b>2.05</b>		
First	R1	Residential	Living Room	W1-L	0.02		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
				W1-U	0.50		
				W2-L	0.15		
				W2-U	1.30		
				W3-L	0.15		
				W3-U	1.30		
					<b>3.41</b>	1.50	YES
First	R2	Residential	Living Room	W4-L	0.14		
				W4-U	1.28		
				W5-L	0.14		
				W5-U	1.27		
					<b>2.84</b>	1.50	YES
First	R3	Residential	Living Room	W6-L	0.14		
				W6-U	1.25		
				W7-L	0.14		
				W7-U	1.22		
					<b>2.75</b>	1.50	YES
First	R4	Residential	Living Room	W8-L	0.13		
				W8-U	1.17		
				W9-L	0.13		
				W9-U	1.14		
					<b>2.58</b>	1.50	YES
First	R5	Residential	Bedroom	W10-L	0.15		
				W10-U	1.33		
					<b>1.48</b>	1.00	YES
First	R6	Residential	Bedroom	W11-L	0.12		
				W11-U	1.04		
					<b>1.16</b>	1.00	YES
First	R7	Residential	Bedroom	W12-L	0.15		
				W12-U	1.32		
					<b>1.47</b>	1.00	YES
First	R8	Residential	Bedroom	W13-L	0.12		
				W13-U	1.04		
					<b>1.16</b>	1.00	YES
First	R9	Residential	Bedroom	W14-L	0.16		
				W14-U	1.37		
					<b>1.52</b>	1.00	YES
First	R10	Residential	Bedroom	W15-L	0.12		
				W15-U	1.08		
					<b>1.21</b>	1.00	YES
First	R11	Residential	Bedroom	W16-L	0.17		
				W16-U	1.46		
					<b>1.62</b>	1.00	YES
First	R12	Residential	Bedroom	W17-L	0.13		
				W17-U	1.20		
					<b>1.34</b>	1.00	YES
Second	R1	Residential	Bedroom	W1-L	0.19		
				W1-U	1.72		
					<b>1.91</b>	1.00	YES
Second	R2	Residential	Bedroom	W2-L	0.19		
				W2-U	1.69		
					<b>1.88</b>	1.00	YES
Second	R3	Residential	Bedroom	W3-L	0.19		



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				W3-U	1.63		
					1.82	1.00	YES
Second	R4	Residential	Bedroom	W4-L	0.17		
				W4-U	1.53		
					1.70	1.00	YES
Second	R5	Residential	Bedroom	W5-L	0.17		
				W5-U	1.55		
					1.72	1.00	YES
Second	R6	Residential	Bedroom	W6-L	0.18		
				W6-U	1.56		
					1.74	1.00	YES
Second	R7	Residential	Bedroom	W7-L	0.18		
				W7-U	1.61		
					1.79	1.00	YES
Second	R8	Residential	Bedroom	W8-L	0.19		
				W8-U	1.69		
					1.88	1.00	YES
Third	R1	Residential	Living Room	W1-L	0.40		
				W1-U	3.65		
					4.05	1.50	YES
Third	R2	Residential	Living Room	W2-L	0.40		
				W2-U	3.67		
					4.08	1.50	YES
Third	R3	Residential	Living Room	W3-L	0.40		
				W3-U	3.58		
					3.98	1.50	YES
Third	R4	Residential	Living Room	W4-L	0.36		
				W4-U	3.21		
					3.57	1.50	YES
Third	R5	Residential	Bedroom	W5-L	0.22		
				W5-U	3.03		
					3.24	1.00	YES
Third	R6	Residential	Bedroom	W6-L	0.22		
				W6-U	3.03		
					3.24	1.00	YES
Third	R7	Residential	Bedroom	W7-L	0.22		
				W7-U	3.08		
					3.30	1.00	YES
Third	R8	Residential	Bedroom	W8-L	0.23		
				W8-U	3.16		
					3.39	1.00	YES
<b>Block K</b>							
Ground	R1	Residential	LKD	W1	0.63		
				W15-L	0.15		
				W15-U	1.20		
					1.97	2.00	NO
Ground	R2	Residential	LKD	W2	0.63		
				W14-L	0.15		
				W14-U	1.18		
					1.96	2.00	NO

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Ground	R3	Residential	LKD	W3	0.63	2.00	YES
				W13-L	0.17		
				W13-U	1.40		
					2.20		
Ground	R4	Residential	LKD	W4	0.63	2.00	YES
				W12-L	0.18		
				W12-U	1.51		
					2.33		
Ground	R5	Residential	LKD	W5	0.63	2.00	YES
				W11-L	0.18		
				W11-U	1.48		
					2.29		
Ground	R6	Residential	LKD	W6	0.63	2.00	YES
				W10-L	0.17		
				W10-U	1.37		
					2.16		
Ground	R7	Residential	LKD	W7	0.62	2.00	YES
				W8	0.24		
				W9-L	0.16		
				W9-U	1.33		
					2.35		
First	R1	Residential	Bedroom	W1-L	0.14	1.00	YES
				W1-U	1.27		
					1.41		
First	R2	Residential	Bedroom	W2-L	0.24	1.00	YES
				W2-U	2.10		
					2.34		
First	R3	Residential	Bedroom	W3-L	0.24	1.00	YES
				W3-U	2.11		
					2.35		
First	R4	Residential	Bedroom	W4-L	0.14	1.00	YES
				W4-U	1.28		
					1.42		
First	R5	Residential	Bedroom	W5-L	0.14	1.00	YES
				W5-U	1.28		
					1.42		
First	R6	Residential	Bedroom	W6-L	0.24	1.00	YES
				W6-U	2.11		
					2.35		
First	R7	Residential	Bedroom	W7-L	0.24	1.00	YES
				W7-U	2.11		
					2.35		
First	R8	Residential	Bedroom	W8-L	0.14	1.00	YES
				W8-U	1.28		
					1.41		
First	R9	Residential	Bedroom	W9-L	0.14	1.00	YES
				W9-U	1.28		
					1.42		
First	R10	Residential	Bedroom	W10-L	0.24	1.00	YES
				W10-U	2.10		
					2.34		
First	R11	Residential	Bedroom	W11-L	0.24		

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				W11-U	2.10		
					<b>2.34</b>	1.00	YES
First	R12	Residential	Bedroom	W12-L	0.14		
				W12-U	1.27		
					<b>1.41</b>	1.00	YES
First	R13	Residential	Bedroom	W13-L	0.14		
				W13-U	1.27		
					<b>1.41</b>	1.00	YES
First	R14	Residential	Bedroom	W14-L	0.24		
				W14-U	2.09		
					<b>2.33</b>	1.00	YES
First	R15	Residential	Living Room	W15-L	0.13		
				W15-U	1.13		
				W16-L	0.13		
				W16-U	1.11		
					<b>2.49</b>	1.50	YES
First	R16	Residential	Living Room	W17-L	0.13		
				W17-U	1.13		
				W18-L	0.13		
				W18-U	1.15		
					<b>2.53</b>	1.50	YES
First	R17	Residential	Living Room	W19-L	0.13		
				W19-U	1.18		
				W20-L	0.14		
				W20-U	1.20		
					<b>2.65</b>	1.50	YES
First	R18	Residential	Living Room	W21-L	0.14		
				W21-U	1.20		
				W22-L	0.14		
				W22-U	1.19		
					<b>2.66</b>	1.50	YES
First	R19	Residential	Living Room	W23-L	0.13		
				W23-U	1.13		
				W24-L	0.12		
				W24-U	1.08		
					<b>2.47</b>	1.50	YES
First	R20	Residential	Living Room	W25-L	0.11		
				W25-U	0.98		
				W26-L	0.11		
				W26-U	0.94		
					<b>2.15</b>	1.50	YES
First	R21	Residential	Living Room	W27-L	0.11		
				W27-U	0.95		
				W28-L	0.12		
				W28-U	1.00		
					<b>2.18</b>	1.50	YES
Second	R1	Residential	Bedroom	W1-L	0.27		
				W1-U	2.36		
					<b>2.63</b>	1.00	YES
Second	R2	Residential	Bedroom	W2-L	0.27		
				W2-U	2.37		
					<b>2.64</b>	1.00	YES

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
Second	R3	Residential	Bedroom	W3-L	0.27	1.00	YES
				W3-U	2.36		
					<b>2.63</b>		
Second	R4	Residential	Bedroom	W4-L	0.27	1.00	YES
				W4-U	2.37		
					<b>2.64</b>		
Second	R5	Residential	Bedroom	W5-L	0.27	1.00	YES
				W5-U	2.36		
					<b>2.63</b>		
Second	R6	Residential	Bedroom	W6-L	0.27	1.00	YES
				W6-U	2.36		
					<b>2.63</b>		
Second	R7	Residential	Bedroom	W7-L	0.27	1.00	YES
				W7-U	2.37		
					<b>2.64</b>		
Second	R8	Residential	Bedroom	W8-L	0.17	1.00	YES
				W8-U	1.56		
					<b>1.73</b>		
Second	R9	Residential	Bedroom	W9-L	0.17	1.00	YES
				W9-U	1.56		
					<b>1.73</b>		
Second	R10	Residential	Bedroom	W10-L	0.18	1.00	YES
				W10-U	1.56		
					<b>1.73</b>		
Second	R11	Residential	Bedroom	W11-L	0.17	1.00	YES
				W11-U	1.52		
					<b>1.70</b>		
Second	R12	Residential	Bedroom	W12-L	0.17	1.00	YES
				W12-U	1.48		
					<b>1.64</b>		
Second	R13	Residential	Bedroom	W13-L	0.15	1.00	YES
				W13-U	1.32		
					<b>1.47</b>		
Second	R14	Residential	Bedroom	W14-L	0.15	1.00	YES
				W14-U	1.32		
					<b>1.47</b>		
<b>Block L</b>							
Ground	R1	Residential	LKD	W1-L	0.18	2.00	YES
				W1-U	2.22		
					<b>2.40</b>		
Ground	R2	Residential	LKD	W2-L	0.19	2.00	YES
				W2-U	2.34		
					<b>2.53</b>		
Ground	R3	Residential	LKD	W3-L	0.20	2.00	YES
				W3-U	2.42		
					<b>2.62</b>		
Ground	R4	Residential	LKD	W4-L	0.21	2.00	YES
				W4-U	2.45		
					<b>2.66</b>		
First	R1	Residential	Living Room	W1-L	0.15		

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				W1-U	1.28		
				W2-L	0.14		
				W2-U	1.24		
					<b>2.81</b>	1.50	YES
First	R2	Residential	Living Room	W3-L	0.13		
				W3-U	1.16		
				W4-L	0.13		
				W4-U	1.11		
					<b>2.53</b>	1.50	YES
First	R3	Residential	Living Room	W5-L	0.12		
				W5-U	1.06		
				W6-L	0.12		
				W6-U	1.04		
					<b>2.34</b>	1.50	YES
First	R4	Residential	Living Room	W7-L	0.12		
				W7-U	1.01		
				W8-L	0.11		
				W8-U	0.99		
				W9-L	0.01		
				W9-U	0.21		
					<b>2.45</b>	1.50	YES
First	R5	Residential	Bedroom	W10-L	0.14		
				W10-U	1.22		
					<b>1.36</b>	1.00	YES
First	R6	Residential	Bedroom	W11-L	0.20		
				W11-U	1.75		
					<b>1.95</b>	1.00	YES
First	R7	Residential	Bedroom	W12-L	0.14		
				W12-U	1.29		
					<b>1.43</b>	1.00	YES
First	R8	Residential	Bedroom	W13-L	0.21		
				W13-U	1.73		
					<b>1.94</b>	1.00	YES
First	R9	Residential	Bedroom	W14-L	0.15		
				W14-U	1.33		
					<b>1.47</b>	1.00	YES
First	R10	Residential	Bedroom	W15-L	0.22		
				W15-U	1.92		
					<b>2.14</b>	1.00	YES
First	R11	Residential	Bedroom	W16-L	0.15		
				W16-U	1.36		
					<b>1.51</b>	1.00	YES
First	R12	Residential	Bedroom	W17-L	0.22		
				W17-U	1.96		
					<b>2.18</b>	1.00	YES
Second	R1	Residential	Bedroom	W1-L	0.23		
				W1-U	2.04		
					<b>2.27</b>	1.00	YES
Second	R2	Residential	Bedroom	W2-L	0.22		
				W2-U	1.91		
					<b>2.13</b>	1.00	YES
Second	R3	Residential	Bedroom	W3-L	0.20		

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				W3-U	1.80		
					<b>2.01</b>	1.00	YES
Second	R4	Residential	Bedroom	W4-L	0.19		
				W4-U	1.73		
					<b>1.93</b>	1.00	YES
Second	R5	Residential	Bedroom	W5-L	0.19		
				W5-U	1.64		
					<b>1.83</b>	1.00	YES
Second	R6	Residential	Bedroom	W6-L	0.20		
				W6-U	1.73		
					<b>1.93</b>	1.00	YES
Second	R7	Residential	Bedroom	W7-L	0.20		
				W7-U	1.79		
					<b>1.99</b>	1.00	YES
Second	R8	Residential	Bedroom	W8-L	0.21		
				W8-U	1.83		
					<b>2.03</b>	1.00	YES
<b>Block M</b>							
Ground	R1	Residential	LKD	W1-L	0.12		
				W1-U	0.87		
					<b>0.99</b>	2.00	NO
Ground	R2	Residential	LKD	W2-L	0.13		
				W2-U	0.90		
					<b>1.03</b>	2.00	NO
Ground	R3	Residential	LKD	W3	0.63		
				W4-L	0.05		
				W4-U	0.83		
				W5-L	0.16		
				W5-U	1.25		
					<b>2.92</b>	2.00	YES
Ground	R4	Residential	Bedroom	W6-L	0.08		
				W6-U	0.99		
					<b>1.07</b>	1.00	YES
Ground	R5	Residential	Bedroom	W7-L	0.09		
				W7-U	1.63		
					<b>1.72</b>	1.00	YES
Ground	R6	Residential	LKD	W8-L	0.03		
				W8-U	0.42		
				W9-L	0.16		
				W9-U	1.31		
				W10-L	0.09		
				W10-U	1.55		
					<b>3.56</b>	2.00	YES
Ground	R7	Residential	Bedroom	W11-L	0.10		
				W11-U	1.70		
					<b>1.79</b>	1.00	YES
Ground	R8	Residential	Bedroom	W12-L	0.07		
				W12-U	1.19		
					<b>1.26</b>	1.00	YES
Ground	R9	Residential	LKD	W13-L	0.08		

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				W13-U	1.29		
				W14-L	0.03		
				W14-U	0.10		
					<b>1.50</b>	2.00	<b>NO</b>
Ground	R10	Residential	Bedroom	W15-L	0.12		
				W15-U	0.66		
					<b>0.78</b>	1.00	<b>NO</b>
Ground	R11	Residential	Bedroom	W16-L	0.08		
				W16-U	1.49		
					<b>1.58</b>	1.00	YES
Ground	R12	Residential	Bedroom	W17-L	0.08		
				W17-U	1.49		
					<b>1.58</b>	1.00	YES
Ground	R13	Residential	Bedroom	W18-L	0.10		
				W18-U	1.75		
				W19-L	0.05		
				W19-U	0.97		
					<b>2.88</b>	1.00	YES
Ground	R14	Residential	LKD	W20-L	0.04		
				W20-U	0.66		
				W21-L	0.13		
				W21-U	1.39		
				W22	0.58		
					<b>2.80</b>	2.00	YES
Ground	R15	Residential	Bedroom	W23-L	0.08		
				W23-U	1.47		
					<b>1.55</b>	1.00	YES
Ground	R16	Residential	Bedroom	W24-L	0.11		
				W24-U	1.99		
					<b>2.10</b>	1.00	YES
First	R1	Residential	Living Room	W1-L	0.08		
				W1-U	1.38		
				W36-L	0.30		
				W36-U	3.34		
					<b>5.10</b>	1.50	YES
First	R2	Residential	Kitchen	W2-L	0.08		
				W2-U	1.48		
					<b>1.56</b>	2.00	<b>NO</b>
First	R3	Residential	LKD	W3-L	0.13		
				W3-U	1.00		
					<b>1.14</b>	2.00	<b>NO</b>
First	R4	Residential	LKD	W4-L	0.14		
				W4-U	1.04		
					<b>1.19</b>	2.00	<b>NO</b>
First	R5	Residential	LKD	W5-L	0.07		
				W5-U	1.19		
				W6-L	0.07		
				W6-U	1.18		
				W7-L	0.05		
				W7-U	0.37		
					<b>2.93</b>	2.00	YES
First	R6	Residential	Bedroom	W8-L	0.13		

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				W8-U	0.96		
					<b>1.09</b>	1.00	YES
First	R7	Residential	LKD	W9-L	0.05		
				W9-U	0.89		
				W10-L	0.05		
				W10-U	0.94		
				W11-L	0.16		
				W11-U	1.30		
					<b>3.39</b>	2.00	YES
First	R8	Residential	Bedroom	W12-L	0.08		
				W12-U	1.02		
					<b>1.10</b>	1.00	YES
First	R9	Residential	Bedroom	W13-L	0.09		
				W13-U	1.66		
					<b>1.75</b>	1.00	YES
First	R10	Residential	LKD	W14-L	0.03		
				W14-U	0.43		
				W15-L	0.17		
				W15-U	1.36		
				W16-L	0.10		
				W16-U	1.65		
					<b>3.74</b>	2.00	YES
First	R11	Residential	Bedroom	W17-L	0.10		
				W17-U	1.83		
					<b>1.93</b>	1.00	YES
First	R12	Residential	Bedroom	W18-L	0.08		
				W18-U	1.35		
					<b>1.43</b>	1.00	YES
First	R13	Residential	Bedroom	W19-L	0.13		
				W19-U	0.78		
					<b>0.91</b>	1.00	NO
First	R14	Residential	LKD	W20-L	0.04		
				W20-U	0.40		
				W21-L	0.08		
				W21-U	1.40		
					<b>1.93</b>	2.00	NO
First	R15	Residential	LKD	W22-L	0.08		
				W22-U	1.43		
				W23-L	0.04		
				W23-U	0.18		
					<b>1.73</b>	2.00	NO
First	R16	Residential	Bedroom	W24-L	0.14		
				W24-U	0.72		
					<b>0.86</b>	1.00	NO
First	R17	Residential	Bedroom	W25-L	0.09		
				W25-U	1.61		
					<b>1.70</b>	1.00	YES
First	R18	Residential	Bedroom	W26-L	0.09		
				W26-U	1.63		
					<b>1.72</b>	1.00	YES
First	R19	Residential	Bedroom	W27-L	0.16		
				W27-U	1.03		



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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
					1.19	1.00	YES
First	R20	Residential	LKD	W28-L	0.04		
				W28-U	0.24		
				W29-L	0.09		
				W29-U	1.51		
				W30-L	0.04		
				W30-U	0.79		
					2.71	2.00	YES
First	R21	Residential	Kitchen	W31-L	0.10		
				W31-U	1.84		
					1.94	2.00	NO
First	R22	Residential	Living Room	W32-L	0.09		
				W32-U	1.54		
				W33-L	0.30		
				W33-U	3.35		
					5.27	1.50	YES
First	R23	Residential	Bedroom	W34-L	0.10		
				W34-U	1.77		
					1.87	1.00	YES
First	R24	Residential	Bedroom	W35-L	0.10		
				W35-U	1.76		
					1.86	1.00	YES
Second	R1	Residential	Living Room	W1-L	0.09		
				W1-U	1.71		
				W36-L	0.33		
				W36-U	3.70		
					5.83	1.50	YES
Second	R2	Residential	Kitchen	W2-L	0.11		
				W2-U	1.99		
					2.09	2.00	YES
Second	R3	Residential	LKD	W3-L	0.16		
				W3-U	1.16		
					1.32	2.00	NO
Second	R4	Residential	LKD	W4-L	0.16		
				W4-U	1.25		
					1.41	2.00	NO
Second	R5	Residential	LKD	W5-L	0.07		
				W5-U	1.35		
				W6-L	0.07		
				W6-U	1.34		
				W7-L	0.05		
				W7-U	0.44		
					3.33	2.00	YES
Second	R6	Residential	Bedroom	W8-L	0.16		
				W8-U	1.07		
					1.23	1.00	YES
Second	R7	Residential	LKD	W9-L	0.05		
				W9-U	0.95		
				W10-L	0.05		
				W10-U	0.98		
				W11-L	0.15		
				W11-U	1.22		

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					3.40	2.00	YES
Second	R8	Residential	Bedroom	W12-L	0.06		
				W12-U	0.82		
					0.89	1.00	NO
Second	R9	Residential	Bedroom	W13-L	0.10		
				W13-U	1.79		
					1.89	1.00	YES
Second	R10	Residential	LKD	W14-L	0.03		
				W14-U	0.44		
				W15-L	0.17		
				W15-U	1.39		
				W16-L	0.10		
				W16-U	1.76		
					3.90	2.00	YES
Second	R11	Residential	Bedroom	W17-L	0.11		
				W17-U	1.97		
					2.08	1.00	YES
Second	R12	Residential	Bedroom	W18-L	0.08		
				W18-U	1.49		
					1.57	1.00	YES
Second	R13	Residential	Bedroom	W19-L	0.16		
				W19-U	0.79		
					0.96	1.00	NO
Second	R14	Residential	LKD	W20-L	0.05		
				W20-U	0.43		
				W21-L	0.09		
				W21-U	1.56		
					2.13	2.00	YES
Second	R15	Residential	LKD	W22-L	0.09		
				W22-U	1.59		
				W23-L	0.04		
				W23-U	0.26		
					1.97	2.00	NO
Second	R16	Residential	Bedroom	W24-L	0.17		
				W24-U	0.81		
					0.98	1.00	NO
Second	R17	Residential	Bedroom	W25-L	0.10		
				W25-U	1.74		
					1.83	1.00	YES
Second	R18	Residential	Bedroom	W26-L	0.10		
				W26-U	1.75		
					1.85	1.00	YES
Second	R19	Residential	Bedroom	W27-L	0.19		
				W27-U	1.17		
					1.36	1.00	YES
Second	R20	Residential	LKD	W28-L	0.04		
				W28-U	0.30		
				W29-L	0.09		
				W29-U	1.65		
				W30-L	0.05		
				W30-U	0.83		
					2.96	2.00	YES

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Second	R21	Residential	Kitchen	W31-L	0.11	2.00	YES
				W31-U	2.02		
					<b>2.13</b>		
Second	R22	Residential	Living Room	W32-L	0.10	1.50	YES
				W32-U	1.70		
				W33-L	0.32		
				W33-U	3.66		
					<b>5.78</b>		
Second	R23	Residential	Bedroom	W34-L	0.11	1.00	YES
				W34-U	1.93		
					<b>2.04</b>		
Second	R24	Residential	Bedroom	W35-L	0.11	1.00	YES
				W35-U	1.94		
					<b>2.05</b>		
Third	R1	Residential	Living Room	W1-L	0.11	1.50	YES
				W1-U	2.09		
				W36-L	0.36		
				W36-U	4.04		
					<b>6.60</b>		
Third	R2	Residential	Kitchen	W2-L	0.14	2.00	YES
				W2-U	2.61		
					<b>2.75</b>		
Third	R3	Residential	LKD	W3-L	0.18	2.00	NO
				W3-U	1.48		
					<b>1.66</b>		
Third	R4	Residential	LKD	W4-L	0.18	2.00	NO
				W4-U	1.51		
					<b>1.70</b>		
Third	R5	Residential	LKD	W5-L	0.08	2.00	YES
				W5-U	1.50		
				W6-L	0.08		
				W6-U	1.50		
				W7-L	0.05		
				W7-U	0.49		
					<b>3.71</b>		
Third	R6	Residential	Bedroom	W8-L	0.18	1.00	YES
				W8-U	1.45		
					<b>1.63</b>		
Third	R7	Residential	LKD	W9-L	0.06	2.00	YES
				W9-U	1.09		
				W10-L	0.06		
				W10-U	1.10		
				W11-L	0.15		
				W11-U	1.24		
					<b>3.71</b>		
Third	R8	Residential	Bedroom	W12-L	0.06	1.00	NO
				W12-U	0.84		
					<b>0.90</b>		
Third	R9	Residential	Bedroom	W13-L	0.10	1.00	YES
				W13-U	1.81		
					<b>1.91</b>		
Third	R10	Residential	LKD	W14-L	0.03		

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				W14-U	0.45		
				W15-L	0.17		
				W15-U	1.42		
				W16-L	0.11		
				W16-U	1.88		
					<b>4.06</b>	2.00	YES
Third	R11	Residential	Bedroom	W17-L	0.12		
				W17-U	2.12		
					<b>2.24</b>	1.00	YES
Third	R12	Residential	Bedroom	W18-L	0.09		
				W18-U	1.63		
					<b>1.72</b>	1.00	YES
Third	R13	Residential	Bedroom	W19-L	0.19		
				W19-U	1.00		
					<b>1.19</b>	1.00	YES
Third	R14	Residential	LKD	W20-L	0.05		
				W20-U	0.45		
				W21-L	0.10		
				W21-U	1.72		
					<b>2.32</b>	2.00	YES
Third	R15	Residential	LKD	W22-L	0.10		
				W22-U	1.75		
				W23-L	0.04		
				W23-U	0.32		
					<b>2.21</b>	2.00	YES
Third	R16	Residential	Bedroom	W24-L	0.19		
				W24-U	1.10		
					<b>1.29</b>	1.00	YES
Third	R17	Residential	Bedroom	W25-L	0.10		
				W25-U	1.86		
					<b>1.96</b>	1.00	YES
Third	R18	Residential	Bedroom	W26-L	0.10		
				W26-U	1.87		
					<b>1.98</b>	1.00	YES
Third	R19	Residential	Bedroom	W27-L	0.21		
				W27-U	1.38		
					<b>1.59</b>	1.00	YES
Third	R20	Residential	LKD	W28-L	0.04		
				W28-U	0.35		
				W29-L	0.10		
				W29-U	1.81		
				W30-L	0.05		
				W30-U	0.87		
					<b>3.22</b>	2.00	YES
Third	R21	Residential	Kitchen	W31-L	0.12		
				W31-U	2.20		
					<b>2.32</b>	2.00	YES
Third	R22	Residential	Living Room	W32-L	0.10		
				W32-U	1.88		
				W33-L	0.35		
				W33-U	3.97		
					<b>6.30</b>	1.50	YES

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Third	R23	Residential	Bedroom	W34-L	0.12	1.00	YES
				W34-U	2.10		
					<b>2.22</b>		
Third	R24	Residential	Bedroom	W35-L	0.12	1.00	YES
				W35-U	2.11		
					<b>2.23</b>		
Fourth	R1	Residential	Living Room	W1-L	0.13	1.50	YES
				W1-U	2.31		
				W36-L	0.38		
				W36-U	4.33		
					<b>7.16</b>		
Fourth	R2	Residential	Kitchen	W2-L	0.17	2.00	YES
				W2-U	2.99		
					<b>3.16</b>		
Fourth	R3	Residential	LKD	W3-L	0.20	2.00	NO
				W3-U	1.64		
					<b>1.83</b>		
Fourth	R4	Residential	LKD	W4-L	0.20	2.00	NO
				W4-U	1.63		
					<b>1.83</b>		
Fourth	R5	Residential	LKD	W5-L	0.09	2.00	YES
				W5-U	1.61		
				W6-L	0.09		
				W6-U	1.61		
				W7-L	0.06		
				W7-U	0.50		
					<b>3.96</b>		
Fourth	R6	Residential	Bedroom	W8-L	0.19	1.00	YES
				W8-U	1.61		
					<b>1.80</b>		
Fourth	R7	Residential	LKD	W9-L	0.07	2.00	YES
				W9-U	1.19		
				W10-L	0.07		
				W10-U	1.19		
				W11-L	0.15		
				W11-U	1.22		
					<b>3.89</b>		
Fourth	R8	Residential	Bedroom	W12-L	0.06	1.00	NO
				W12-U	0.83		
					<b>0.89</b>		
Fourth	R9	Residential	Bedroom	W13-L	0.10	1.00	YES
				W13-U	1.84		
					<b>1.94</b>		
Fourth	R10	Residential	LKD	W14-L	0.03	2.00	YES
				W14-U	0.44		
				W15-L	0.17		
				W15-U	1.39		
				W16-L	0.11		
				W16-U	2.00		
					<b>4.15</b>		
Fourth	R11	Residential	Bedroom	W17-L	0.13		
				W17-U	2.29		

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					2.42	1.00	YES
Fourth	R12	Residential	Bedroom	W18-L	0.10		
				W18-U	1.77		
					1.87	1.00	YES
Fourth	R13	Residential	Bedroom	W19-L	0.21		
				W19-U	1.43		
					1.64	1.00	YES
Fourth	R14	Residential	LKD	W20-L	0.05		
				W20-U	0.45		
				W21-L	0.11		
				W21-U	1.90		
					2.52	2.00	YES
Fourth	R15	Residential	LKD	W22-L	0.11		
				W22-U	1.89		
				W23-L	0.05		
				W23-U	0.35		
					2.40	2.00	YES
Fourth	R16	Residential	Bedroom	W24-L	0.21		
				W24-U	1.48		
					1.69	1.00	YES
Fourth	R17	Residential	Bedroom	W25-L	0.11		
				W25-U	1.98		
					2.09	1.00	YES
Fourth	R18	Residential	Bedroom	W26-L	0.11		
				W26-U	1.99		
					2.10	1.00	YES
Fourth	R19	Residential	Bedroom	W27-L	0.22		
				W27-U	1.63		
					1.85	1.00	YES
Fourth	R20	Residential	LKD	W28-L	0.05		
				W28-U	0.37		
				W29-L	0.11		
				W29-U	1.94		
				W30-L	0.05		
				W30-U	0.95		
					3.46	2.00	YES
Fourth	R21	Residential	Kitchen	W31-L	0.13		
				W31-U	2.42		
					2.55	2.00	YES
Fourth	R22	Residential	Living Room	W32-L	0.12		
				W32-U	2.07		
				W33-L	0.38		
				W33-U	4.26		
					6.83	1.50	YES
Fourth	R23	Residential	Bedroom	W34-L	0.13		
				W34-U	2.24		
					2.37	1.00	YES
Fourth	R24	Residential	Bedroom	W35-L	0.13		
				W35-U	2.25		
					2.38	1.00	YES
Fifth	R1	Residential	LKD	W1-L	0.08		
				W1-U	1.55		

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				W2	0.51		
				W25-L	0.23		
				W25-U	3.02		
					<b>5.38</b>	2.00	YES
Fifth	R2	Residential	Bedroom	W3-L	0.30		
				W3-U	4.10		
					<b>4.40</b>	1.00	YES
Fifth	R3	Residential	LKD	W4-L	0.20		
				W4-U	2.77		
					<b>2.97</b>	2.00	YES
Fifth	R4	Residential	Bedroom	W5-L	0.12		
				W5-U	2.43		
					<b>2.55</b>	1.00	YES
Fifth	R5	Residential	Bedroom	W6-L	0.15		
				W6-U	3.03		
					<b>3.17</b>	1.00	YES
Fifth	R6	Residential	Bedroom	W7-L	0.35		
				W7-U	4.86		
					<b>5.21</b>	1.00	YES
Fifth	R7	Residential	Kitchen	W8	2.64		
					<b>2.64</b>	2.00	YES
Fifth	R8	Residential	LD	W9-L	0.07		
				W9-U	1.52		
				W10-L	0.24		
				W10-U	3.10		
					<b>4.94</b>	1.50	YES
Fifth	R9	Residential	Bedroom	W11-L	0.12		
				W11-U	2.62		
					<b>2.74</b>	1.00	YES
Fifth	R10	Residential	Bedroom	W12-L	0.39		
				W12-U	4.98		
				W13-L	0.12		
				W13-U	2.42		
					<b>7.91</b>	1.00	YES
Fifth	R11	Residential	Bedroom	W14-L	0.41		
				W14-U	5.46		
					<b>5.87</b>	1.00	YES
Fifth	R12	Residential	Bedroom	W15-L	0.38		
				W15-U	4.81		
					<b>5.19</b>	1.00	YES
Fifth	R13	Residential	LKD	W16-L	0.08		
				W16-U	1.48		
				W17-L	0.25		
				W17-U	2.96		
					<b>4.77</b>	2.00	YES
Fifth	R14	Residential	LKD	W18-L	0.24		
				W18-U	2.89		
					<b>3.13</b>	2.00	YES
Fifth	R15	Residential	Bedroom	W19-L	0.13		
				W19-U	2.37		
					<b>2.50</b>	1.00	YES
Fifth	R16	Residential	Bedroom	W20-L	0.12		

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				W20-U	2.22		
					<b>2.34</b>	1.00	YES
Fifth	R17	Residential	LKD	W21-L	0.21		
				W21-U	2.48		
				W22-L	0.20		
				W22-U	2.54		
					<b>5.43</b>	2.00	YES
Fifth	R18	Residential	Bedroom	W23-L	0.33		
				W23-U	4.46		
				W24-L	0.34		
				W24-U	4.51		
					<b>9.63</b>	1.00	YES
<b>Block N</b>							
Ground	R1	Residential	LKD	W1	0.32		
				W2-L	0.04		
				W2-U	1.69		
				W3-L	0.03		
				W3-U	0.14		
					<b>2.23</b>	2.00	YES
Ground	R2	Residential	Bedroom	W4-L	0.12		
				W4-U	0.78		
					<b>0.90</b>	1.00	NO
Ground	R3	Residential	Bedroom	W5-L	0.06		
				W5-U	2.30		
					<b>2.36</b>	1.00	YES
Ground	R4	Residential	KD	W6-L	0.06		
				W6-U	2.45		
				W7-L	0.04		
				W7-U	0.11		
					<b>2.67</b>	2.00	YES
Ground	R5	Residential	Living Room	W8-L	0.10		
				W8-U	0.38		
					<b>0.48</b>	1.50	NO
Ground	R6	Residential	Bedroom	W9-L	0.13		
				W9-U	0.72		
					<b>0.85</b>	1.00	NO
Ground	R7	Residential	LKD	W10-L	0.04		
				W10-U	0.32		
				W11-L	0.04		
				W11-U	1.46		
				W12	0.00		
					<b>1.86</b>	2.00	NO
First	R1	Residential	LKD	W1	0.45		
				W20-L	0.16		
				W20-U	1.11		
					<b>1.72</b>	2.00	NO
First	R2	Residential	LKD	W2	0.40		
				W3-L	0.05		
				W3-U	1.90		
				W4-L	0.04		



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				W4-U	0.23		
					<b>2.61</b>	2.00	YES
First	R3	Residential	Bedroom	W5-L	0.15		
				W5-U	0.79		
					<b>0.94</b>	1.00	NO
First	R4	Residential	Bedroom	W6-L	0.07		
				W6-U	2.67		
					<b>2.73</b>	1.00	YES
First	R5	Residential	KD	W7-L	0.07		
				W7-U	2.88		
				W8-L	0.05		
				W8-U	0.20		
					<b>3.20</b>	2.00	YES
First	R6	Residential	Living Room	W9-L	0.13		
				W9-U	0.43		
					<b>0.57</b>	1.50	NO
First	R7	Residential	Bedroom	W10-L	0.15		
				W10-U	0.75		
					<b>0.90</b>	1.00	NO
First	R8	Residential	LKD	W11-L	0.05		
				W11-U	0.40		
				W12-L	0.04		
				W12-U	1.65		
				W13	0.00		
					<b>2.14</b>	2.00	YES
First	R9	Residential	LKD	W14	0.00		
				W15-L	0.14		
				W15-U	0.90		
					<b>1.04</b>	2.00	NO
First	R10	Residential	Bedroom	W16-L	0.01		
				W16-U	0.26		
				W17-L	0.07		
				W17-U	2.61		
					<b>2.95</b>	1.00	YES
First	R11	Residential	Bedroom	W18-L	0.07		
				W18-U	2.73		
				W19-L	0.02		
				W19-U	0.46		
					<b>3.27</b>	1.00	YES
Second	R1	Residential	LKD	W1	0.48		
				W20-L	0.18		
				W20-U	1.45		
					<b>2.11</b>	2.00	YES
Second	R2	Residential	LKD	W2	0.45		
				W3-L	0.05		
				W3-U	2.12		
				W4-L	0.04		
				W4-U	0.30		
					<b>2.97</b>	2.00	YES
Second	R3	Residential	Bedroom	W5-L	0.18		
				W5-U	1.24		
					<b>1.43</b>	1.00	YES

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Second	R4	Residential	Bedroom	W6-L	0.08	1.00	YES
				W6-U	3.06		
					<b>3.14</b>		
Second	R5	Residential	KD	W7-L	0.09	2.00	YES
				W7-U	3.33		
				W8-L	0.06		
				W8-U	0.34		
					<b>3.81</b>		
Second	R6	Residential	Living Room	W9-L	0.17	1.50	NO
				W9-U	1.03		
					<b>1.19</b>		
Second	R7	Residential	Bedroom	W10-L	0.18	1.00	YES
				W10-U	1.18		
					<b>1.36</b>		
Second	R8	Residential	LKD	W11-L	0.05	2.00	YES
				W11-U	0.46		
				W12-L	0.05		
				W12-U	1.86		
				W13	0.03		
					<b>2.45</b>		
Second	R9	Residential	LKD	W14	0.08	2.00	NO
				W15-L	0.16		
				W15-U	1.17		
					<b>1.41</b>		
Second	R10	Residential	Bedroom	W16-L	0.01	1.00	YES
				W16-U	0.30		
				W17-L	0.08		
				W17-U	2.98		
					<b>3.36</b>		
Second	R11	Residential	Bedroom	W18-L	0.08	1.00	YES
				W18-U	3.10		
				W19-L	0.02		
				W19-U	0.49		
					<b>3.69</b>		
Third	R1	Residential	LKD	W1	0.48	2.00	YES
				W20-L	0.26		
				W20-U	3.06		
					<b>3.81</b>		
Third	R2	Residential	LKD	W2	0.45	2.00	YES
				W3-L	0.06		
				W3-U	2.33		
				W4-L	0.05		
				W4-U	0.36		
					<b>3.24</b>		
Third	R3	Residential	Bedroom	W5-L	0.21	1.00	YES
				W5-U	1.70		
					<b>1.91</b>		
Third	R4	Residential	Bedroom	W6-L	0.09	1.00	YES
				W6-U	3.45		
					<b>3.54</b>		
Third	R5	Residential	KD	W7-L	0.10		
				W7-U	3.80		

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				W8-L	0.07		
				W8-U	0.44		
					<b>4.41</b>	2.00	YES
Third	R6	Residential	Living Room	W9-L	0.19		
				W9-U	1.54		
					<b>1.74</b>	1.50	YES
Third	R7	Residential	Bedroom	W10-L	0.21		
				W10-U	1.62		
					<b>1.82</b>	1.00	YES
Third	R8	Residential	LKD	W11-L	0.05		
				W11-U	0.48		
				W12-L	0.05		
				W12-U	2.08		
				W13	0.12		
					<b>2.79</b>	2.00	YES
Third	R9	Residential	LKD	W14	0.18		
				W15-L	0.24		
				W15-U	2.82		
					<b>3.25</b>	2.00	YES
Third	R10	Residential	Bedroom	W16-L	0.02		
				W16-U	0.88		
				W17-L	0.08		
				W17-U	3.19		
					<b>4.17</b>	1.00	YES
Third	R11	Residential	Bedroom	W18-L	0.09		
				W18-U	3.32		
				W19-L	0.03		
				W19-U	1.03		
					<b>4.46</b>	1.00	YES
<b>Block O</b>							
Ground	R1	Residential	Bedroom	W1-L	0.01		
				W1-U	2.10		
					<b>2.10</b>	1.00	YES
Ground	R2	Residential	LKD	W2	0.40		
				W3-L	0.19		
				W3-U	1.50		
				W4-L	0.05		
				W4-U	0.70		
					<b>2.84</b>	2.00	YES
Ground	R3	Residential	LKD	W5-L	0.12		
				W5-U	0.98		
					<b>1.10</b>	2.00	NO
Ground	R4	Residential	Bedroom	W6-L	0.03		
				W6-U	0.40		
				W7-L	0.08		
				W7-U	0.99		
					<b>1.50</b>	1.00	YES
Ground	R5	Residential	LKD	W8-L	0.06		
				W8-U	0.71		
				W9-L	0.18		

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				W9-U	1.47		
				W10	0.00		
					<b>2.43</b>	2.00	YES
Ground	R6	Residential	Bedroom	W11	0.59		
					<b>0.59</b>	1.00	NO
First	R1	Residential	Bedroom	W1	0.61		
				W15-L	0.11		
				W15-U	1.98		
					<b>2.71</b>	1.00	YES
First	R2	Residential	LKD	W2	0.34		
				W3-L	0.16		
				W3-U	1.25		
				W4-L	0.04		
				W4-U	0.58		
					<b>2.38</b>	2.00	YES
First	R3	Residential	LKD	W5-L	0.13		
				W5-U	1.01		
					<b>1.14</b>	2.00	NO
First	R4	Residential	Bedroom	W6-L	0.03		
				W6-U	0.41		
				W7-L	0.08		
				W7-U	1.03		
					<b>1.56</b>	1.00	YES
First	R5	Residential	LKD	W8-L	0.05		
				W8-U	0.59		
				W9-L	0.15		
				W9-U	1.22		
				W10	0.05		
					<b>2.07</b>	2.00	YES
First	R6	Residential	Bedroom	W11	0.11		
				W12-L	0.09		
				W12-U	1.63		
					<b>1.84</b>	1.00	YES
First	R7	Residential	Bedroom	W13-L	0.09		
				W13-U	1.69		
					<b>1.78</b>	1.00	YES
First	R8	Residential	Bedroom	W14-L	0.11		
				W14-U	1.92		
					<b>2.03</b>	1.00	YES
Second	R1	Residential	Bedroom	W1	0.70		
				W15-L	0.12		
				W15-U	2.24		
					<b>3.06</b>	1.00	YES
Second	R2	Residential	LKD	W2	0.36		
				W3-L	0.16		
				W3-U	1.26		
				W4-L	0.05		
				W4-U	0.59		
					<b>2.41</b>	2.00	YES
Second	R3	Residential	LKD	W5-L	0.16		
				W5-U	1.28		
					<b>1.44</b>	2.00	NO

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Second	R4	Residential	Bedroom	W6-L	0.10	1.00	YES
				W6-U	1.23		
					<b>1.33</b>		
Second	R5	Residential	Bedroom	W7-L	0.09	1.00	YES
				W7-U	1.23		
					<b>1.33</b>		
Second	R6	Residential	KD	W8-L	0.07	2.00	NO
				W8-U	0.97		
					<b>1.05</b>		
Second	R7	Residential	Living Room	W9-L	0.26	1.50	YES
				W9-U	2.14		
				W10	0.21		
					<b>2.62</b>		
Second	R8	Residential	Bedroom	W11	0.23	1.00	YES
				W12-L	0.11		
				W12-U	1.92		
					<b>2.26</b>		
Second	R9	Residential	Bedroom	W13-L	0.11	1.00	YES
				W13-U	1.98		
					<b>2.09</b>		
Second	R10	Residential	Bedroom	W14-L	0.12	1.00	YES
				W14-U	2.15		
					<b>2.27</b>		
Third	R1	Residential	Bedroom	W1	0.69	1.00	YES
				W15-L	0.13		
				W15-U	2.39		
					<b>3.21</b>		
Third	R2	Residential	Living Room	W2	0.62	1.50	YES
				W3-L	0.32		
				W3-U	4.48		
					<b>5.43</b>		
Third	R3	Residential	KD	W4-L	0.09	2.00	NO
				W4-U	1.82		
					<b>1.91</b>		
Third	R4	Residential	LKD	W5-L	0.17	2.00	NO
				W5-U	1.53		
					<b>1.71</b>		
Third	R5	Residential	Bedroom	W6-L	0.10	1.00	YES
				W6-U	1.46		
					<b>1.56</b>		
Third	R6	Residential	Bedroom	W7-L	0.10	1.00	YES
				W7-U	1.44		
					<b>1.54</b>		
Third	R7	Residential	KD	W8-L	0.09	2.00	NO
				W8-U	1.84		
					<b>1.93</b>		
Third	R8	Residential	Living Room	W9-L	0.32	1.50	YES
				W9-U	4.41		
				W10	0.32		
					<b>5.05</b>		
Third	R9	Residential	Bedroom	W11	0.35		
				W12-L	0.12		

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				W12-U	2.18		
					2.64	1.00	YES
Third	R10	Residential	Bedroom	W13-L	0.12		
				W13-U	2.25		
					2.37	1.00	YES
Third	R11	Residential	Bedroom	W14-L	0.13		
				W14-U	2.38		
					2.51	1.00	YES
<b>Block P</b>							
Ground	R1	Residential	LKD	W1-L	0.16		
				W1-U	1.31		
				W12-L	0.05		
				W12-U	0.66		
					2.18	2.00	YES
Ground	R2	Residential	LKD	W2-L	0.16		
				W2-U	1.31		
				W11-L	0.06		
				W11-U	0.78		
					2.30	2.00	YES
Ground	R3	Residential	LKD	W3-L	0.16		
				W3-U	1.26		
				W10-L	0.06		
				W10-U	0.79		
					2.26	2.00	YES
Ground	R4	Residential	LKD	W4-L	0.16		
				W4-U	1.24		
				W9-L	0.06		
				W9-U	0.79		
					2.24	2.00	YES
Ground	R5	Residential	LKD	W5-L	0.16		
				W5-U	1.27		
				W8-L	0.06		
				W8-U	0.79		
					2.27	2.00	YES
Ground	R6	Residential	LKD	W6-L	0.16		
				W6-U	1.27		
				W7-L	0.06		
				W7-U	0.79		
					2.27	2.00	YES
First	R1	Residential	Bedroom	W1-L	0.17		
				W1-U	1.43		
					1.60	1.00	YES
First	R2	Residential	Bedroom	W2-L	0.10		
				W2-U	0.91		
					1.01	1.00	YES
First	R3	Residential	Bedroom	W3-L	0.17		
				W3-U	1.47		
					1.64	1.00	YES
First	R4	Residential	Bedroom	W4-L	0.10		
				W4-U	0.89		

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					0.99	1.00	NO
First	R5	Residential	Bedroom	W5-L W5-U	0.17 1.43	1.59	1.00 YES
First	R6	Residential	Bedroom	W6-L W6-U	0.10 0.87	0.97	1.00 NO
First	R7	Residential	Bedroom	W7-L W7-U	0.16 1.41	1.58	1.00 YES
First	R8	Residential	Bedroom	W8-L W8-U	0.10 0.87	0.97	1.00 NO
First	R9	Residential	Bedroom	W9-L W9-U	0.17 1.42	1.59	1.00 YES
First	R10	Residential	Bedroom	W10-L W10-U	0.10 0.88	0.98	1.00 NO
First	R11	Residential	Bedroom	W11-L W11-U	0.17 1.43	1.59	1.00 YES
First	R12	Residential	Bedroom	W12-L W12-U	0.10 0.87	0.97	1.00 NO
First	R13	Residential	Bedroom	W13-L W13-U	0.26 2.30	2.56	1.00 YES
First	R14	Residential	Bedroom	W14-L W14-U	0.26 2.31	2.57	1.00 YES
First	R15	Residential	Bedroom	W15-L W15-U	0.26 2.30	2.57	1.00 YES
First	R16	Residential	Bedroom	W16-L W16-U	0.26 2.30	2.56	1.00 YES
First	R17	Residential	Bedroom	W17-L W17-U	0.26 2.28	2.54	1.00 YES
First	R18	Residential	Bedroom	W18-L W18-U	0.22 1.97	2.19	1.00 YES
Second	R1	Residential	Bedroom	W1-L W1-U	0.31 2.72	3.03	1.00 YES
Second	R2	Residential	Bedroom	W2-L W2-U	0.33 2.84	3.16	1.00 YES
Second	R3	Residential	Bedroom	W3-L W3-U	0.32 2.81	3.13	1.00 YES

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Second	R4	Residential	Bedroom	W4-L	0.32	1.00	YES
				W4-U	2.80		
					<b>3.13</b>		
Second	R5	Residential	Bedroom	W5-L	0.32	1.00	YES
				W5-U	2.80		
					<b>3.13</b>		
Second	R6	Residential	Bedroom	W6-L	0.32	1.00	YES
				W6-U	2.79		
					<b>3.11</b>		
<b>Block Q</b>							
Ground	R1	Residential	LKD	W1-L	0.15	2.00	YES
				W1-U	1.18		
				W12-L	0.06		
				W12-U	0.78		
					<b>2.17</b>		
Ground	R2	Residential	LKD	W2-L	0.14	2.00	YES
				W2-U	1.09		
				W11-L	0.06		
				W11-U	0.79		
					<b>2.08</b>		
Ground	R3	Residential	LKD	W3-L	0.14	2.00	YES
				W3-U	1.04		
				W10-L	0.06		
				W10-U	0.78		
					<b>2.02</b>		
Ground	R4	Residential	LKD	W4-L	0.14	2.00	YES
				W4-U	1.04		
				W9-L	0.06		
				W9-U	0.78		
					<b>2.02</b>		
Ground	R5	Residential	LKD	W5-L	0.15	2.00	YES
				W5-U	1.10		
				W8-L	0.06		
				W8-U	0.78		
					<b>2.09</b>		
Ground	R6	Residential	LKD	W6-L	0.15	2.00	YES
				W6-U	1.18		
				W7-L	0.06		
				W7-U	0.78		
					<b>2.17</b>		
First	R1	Residential	Bedroom	W1-L	0.16	1.00	YES
				W1-U	1.34		
					<b>1.50</b>		
First	R2	Residential	Bedroom	W2-L	0.09	1.00	NO
				W2-U	0.79		
					<b>0.88</b>		
First	R3	Residential	Bedroom	W3-L	0.15	1.00	YES
				W3-U	1.25		
					<b>1.40</b>		
First	R4	Residential	Bedroom	W4-L	0.08		



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				W4-U	0.71		
					0.80	1.00	NO
First	R5	Residential	Bedroom	W5-L	0.14		
				W5-U	1.19		
					1.33	1.00	YES
First	R6	Residential	Bedroom	W6-L	0.08		
				W6-U	0.66		
					0.74	1.00	NO
First	R7	Residential	Bedroom	W7-L	0.14		
				W7-U	1.18		
					1.32	1.00	YES
First	R8	Residential	Bedroom	W8-L	0.08		
				W8-U	0.69		
					0.77	1.00	NO
First	R9	Residential	Bedroom	W9-L	0.15		
				W9-U	1.23		
					1.37	1.00	YES
First	R10	Residential	Bedroom	W10-L	0.09		
				W10-U	0.77		
					0.86	1.00	NO
First	R11	Residential	Bedroom	W11-L	0.16		
				W11-U	1.30		
					1.46	1.00	YES
First	R12	Residential	Bedroom	W12-L	0.10		
				W12-U	0.84		
					0.93	1.00	NO
First	R13	Residential	Bedroom	W13-L	0.26		
				W13-U	2.29		
					2.55	1.00	YES
First	R14	Residential	Bedroom	W14-L	0.26		
				W14-U	2.29		
					2.55	1.00	YES
First	R15	Residential	Bedroom	W15-L	0.26		
				W15-U	2.29		
					2.55	1.00	YES
First	R16	Residential	Bedroom	W16-L	0.26		
				W16-U	2.29		
					2.55	1.00	YES
First	R17	Residential	Bedroom	W17-L	0.26		
				W17-U	2.29		
					2.56	1.00	YES
First	R18	Residential	Bedroom	W18-L	0.26		
				W18-U	2.29		
					2.55	1.00	YES
Second	R1	Residential	Bedroom	W1-L	0.31		
				W1-U	2.69		
					3.00	1.00	YES
Second	R2	Residential	Bedroom	W2-L	0.30		
				W2-U	2.61		
					2.91	1.00	YES
Second	R3	Residential	Bedroom	W3-L	0.30		
				W3-U	2.55		

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					<b>2.84</b>	1.00	YES
Second	R4	Residential	Bedroom	W4-L	0.29		
				W4-U	2.54		
					<b>2.83</b>	1.00	YES
Second	R5	Residential	Bedroom	W5-L	0.30		
				W5-U	2.58		
					<b>2.88</b>	1.00	YES
Second	R6	Residential	Bedroom	W6-L	0.30		
				W6-U	2.64		
					<b>2.94</b>	1.00	YES
<b>Block R</b>							
Ground	R1	Residential	LKD	W1-L	0.06		
				W1-U	0.37		
				W15-L	0.04		
				W15-U	0.29		
					<b>0.77</b>	2.00	NO
Ground	R2	Residential	LKD	W2-L	0.04		
				W2-U	0.17		
				W3-L	0.06		
				W3-U	0.45		
					<b>0.72</b>	2.00	NO
Ground	R3	Residential	Bedroom	W4-L	0.06		
				W4-U	0.90		
					<b>0.96</b>	1.00	NO
Ground	R4	Residential	LKD	W5-L	0.03		
				W5-U	0.44		
				W6-L	0.12		
				W6-U	0.40		
					<b>0.99</b>	2.00	NO
Ground	R5	Residential	Bedroom	W7-L	0.07		
				W7-U	0.49		
				W8-L	0.09		
				W8-U	1.66		
					<b>2.31</b>	1.00	YES
Ground	R6	Residential	LKD	W9-L	0.05		
				W9-U	0.97		
				W10-L	0.05		
				W10-U	0.97		
				W11-L	0.04		
				W11-U	0.19		
					<b>2.28</b>	2.00	YES
Ground	R7	Residential	Bedroom	W12-L	0.14		
				W12-U	0.38		
				W13-L	0.04		
				W13-U	0.63		
					<b>1.19</b>	1.00	YES
Ground	R8	Residential	Bedroom	W14-L	0.06		
				W14-U	0.76		
					<b>0.82</b>	1.00	NO
First	R1	Residential	LKD	W1-L	0.06		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
				W1-U	0.34		
				W17-L	0.06		
				W17-U	0.60		
					<b>1.07</b>	2.00	<b>NO</b>
First	R2	Residential	Bedroom	W2-L	0.03		
				W2-U	0.24		
					<b>0.27</b>	1.00	<b>NO</b>
First	R3	Residential	Bedroom	W3-L	0.09		
				W3-U	1.66		
					<b>1.75</b>	1.00	YES
First	R4	Residential	Bedroom	W4-L	0.09		
				W4-U	1.62		
					<b>1.71</b>	1.00	YES
First	R5	Residential	Bedroom	W5-L	0.02		
				W5-U	0.00		
					<b>0.02</b>	1.00	<b>NO</b>
First	R6	Residential	LKD	W6-L	0.05		
				W6-U	0.20		
				W7-L	0.03		
				W7-U	0.55		
					<b>0.84</b>	2.00	<b>NO</b>
First	R7	Residential	LKD	W8-L	0.04		
				W8-U	0.55		
				W9-L	0.13		
				W9-U	0.79		
					<b>1.50</b>	2.00	<b>NO</b>
First	R8	Residential	Bedroom	W10-L	0.07		
				W10-U	0.58		
				W11-L	0.10		
				W11-U	1.85		
					<b>2.60</b>	1.00	YES
First	R9	Residential	Bedroom	W12-L	0.10		
				W12-U	1.81		
					<b>1.91</b>	1.00	YES
First	R10	Residential	Bedroom	W13-L	0.12		
				W13-U	2.12		
				W14-L	0.08		
				W14-U	0.54		
					<b>2.86</b>	1.00	YES
First	R11	Residential	LKD	W15-L	0.12		
				W15-U	0.64		
				W16-L	0.03		
				W16-U	0.56		
					<b>1.36</b>	2.00	<b>NO</b>
Second	R1	Residential	LKD	W1-L	0.08		
				W1-U	0.37		
				W17-L	0.07		
				W17-U	0.75		
					<b>1.26</b>	2.00	<b>NO</b>
Second	R2	Residential	Bedroom	W2-L	0.04		
				W2-U	0.29		
					<b>0.33</b>	1.00	<b>NO</b>

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Second	R3	Residential	Bedroom	W3-L	0.10	1.00	YES
				W3-U	1.82		
					<b>1.92</b>		
Second	R4	Residential	Bedroom	W4-L	0.10	1.00	YES
				W4-U	1.78		
					<b>1.88</b>		
Second	R5	Residential	Bedroom	W5-L	0.03	1.00	NO
				W5-U	0.16		
					<b>0.19</b>		
Second	R6	Residential	LKD	W6-L	0.06	2.00	NO
				W6-U	0.27		
				W7-L	0.04		
				W7-U	0.69		
					<b>1.07</b>		
Second	R7	Residential	LKD	W8-L	0.04	2.00	NO
				W8-U	0.69		
				W9-L	0.15		
				W9-U	1.07		
					<b>1.96</b>		
Second	R8	Residential	Bedroom	W10-L	0.08	1.00	YES
				W10-U	0.64		
				W11-L	0.11		
				W11-U	2.01		
					<b>2.85</b>		
Second	R9	Residential	Bedroom	W12-L	0.11	1.00	YES
				W12-U	1.98		
					<b>2.09</b>		
Second	R10	Residential	Bedroom	W13-L	0.13	1.00	YES
				W13-U	2.32		
				W14-L	0.09		
				W14-U	0.67		
					<b>3.21</b>		
Second	R11	Residential	LKD	W15-L	0.14	2.00	NO
				W15-U	0.96		
				W16-L	0.04		
				W16-U	0.71		
					<b>1.84</b>		
Third	R1	Residential	LKD	W1-L	0.09	2.00	NO
				W1-U	0.48		
				W17-L	0.08		
				W17-U	0.93		
					<b>1.58</b>		
Third	R2	Residential	Bedroom	W2-L	0.05	1.00	NO
				W2-U	0.40		
					<b>0.45</b>		
Third	R3	Residential	Bedroom	W3-L	0.11	1.00	YES
				W3-U	1.98		
					<b>2.09</b>		
Third	R4	Residential	Bedroom	W4-L	0.11	1.00	YES
				W4-U	1.95		
					<b>2.06</b>		
Third	R5	Residential	Bedroom	W5-L	0.04		

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				W5-U	0.33		
					<b>0.37</b>	1.00	<b>NO</b>
Third	R6	Residential	LKD	W6-L	0.08		
				W6-U	0.37		
				W7-L	0.05		
				W7-U	0.87		
					<b>1.37</b>	2.00	<b>NO</b>
Third	R7	Residential	LKD	W8-L	0.05		
				W8-U	0.89		
				W9-L	0.16		
				W9-U	1.29		
					<b>2.39</b>	2.00	YES
Third	R8	Residential	Bedroom	W10-L	0.08		
				W10-U	0.70		
				W11-L	0.12		
				W11-U	2.17		
					<b>3.07</b>	1.00	YES
Third	R9	Residential	Bedroom	W12-L	0.12		
				W12-U	2.14		
					<b>2.26</b>	1.00	YES
Third	R10	Residential	Bedroom	W13-L	0.14		
				W13-U	2.51		
				W14-L	0.09		
				W14-U	0.77		
					<b>3.51</b>	1.00	YES
Third	R11	Residential	LKD	W15-L	0.15		
				W15-U	1.19		
				W16-L	0.05		
				W16-U	0.90		
					<b>2.29</b>	2.00	YES
Fourth	R1	Residential	LKD	W1-L	0.23		
				W1-U	2.64		
				W17-L	0.10		
				W17-U	1.14		
					<b>4.11</b>	2.00	YES
Fourth	R2	Residential	Bedroom	W2-L	0.13		
				W2-U	2.39		
					<b>2.53</b>	1.00	YES
Fourth	R3	Residential	Bedroom	W3-L	0.12		
				W3-U	2.14		
					<b>2.26</b>	1.00	YES
Fourth	R4	Residential	Bedroom	W4-L	0.12		
				W4-U	2.12		
					<b>2.24</b>	1.00	YES
Fourth	R5	Residential	Bedroom	W5-L	0.13		
				W5-U	2.33		
					<b>2.46</b>	1.00	YES
Fourth	R6	Residential	LKD	W6-L	0.22		
				W6-U	2.55		
				W7-L	0.06		
				W7-U	1.07		
					<b>3.90</b>	2.00	YES

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Fourth	R7	Residential	LKD	W8-L	0.06	2.00	YES
				W8-U	1.12		
				W9-L	0.23		
				W9-U	2.67		
					<b>4.09</b>		
Fourth	R8	Residential	Bedroom	W10-L	0.14	1.00	YES
				W10-U	1.61		
				W11-L	0.13		
				W11-U	2.24		
					<b>4.12</b>		
Fourth	R9	Residential	Bedroom	W12-L	0.13	1.00	YES
				W12-U	2.22		
					<b>2.35</b>		
Fourth	R10	Residential	Bedroom	W13-L	0.15	1.00	YES
				W13-U	2.61		
				W14-L	0.16		
				W14-U	1.88		
					<b>4.80</b>		
Fourth	R11	Residential	LKD	W15-L	0.22	2.00	YES
				W15-U	2.54		
				W16-L	0.06		
				W16-U	1.13		
					<b>3.95</b>		
<b>Block S</b>							
Ground	R1	Residential	LKD	W1-L	0.09	2.00	NO
				W1-U	0.40		
				W26-L	0.02		
				W26-U	0.39		
				W27-L	0.02		
				W27-U	0.41		
Ground	R2	Residential	Bedroom	W2-L	0.05	1.00	YES
				W2-U	0.20		
				W3-L	0.05		
				W3-U	1.96		
					<b>2.27</b>		
Ground	R3	Residential	Bedroom	W4-L	0.06	1.00	YES
				W4-U	2.27		
					<b>2.33</b>		
Ground	R4	Residential	Bedroom	W5-L	0.06	1.00	YES
				W5-U	2.39		
					<b>2.45</b>		
Ground	R5	Residential	Bedroom	W6-L	0.06	1.00	YES
				W6-U	2.06		
				W7-L	0.05		
				W7-U	0.31		
					<b>2.47</b>		
Ground	R6	Residential	LKD	W8-L	0.11		
				W8-U	0.71		
				W9-L	0.03		

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				W9-U	0.58		
				W10-L	0.02		
				W10-U	0.43		
					<b>1.89</b>	2.00	<b>NO</b>
Ground	R7	Residential	LKD	W11-L	0.02		
				W11-U	0.41		
				W12-L	0.03		
				W12-U	0.50		
				W13-L	0.19		
				W13-U	2.10		
					<b>3.26</b>	2.00	YES
Ground	R8	Residential	Bedroom	W14-L	0.04		
				W14-U	1.42		
					<b>1.46</b>	1.00	YES
Ground	R9	Residential	Bedroom	W15-L	0.03		
				W15-U	1.23		
					<b>1.26</b>	1.00	YES
Ground	R10	Residential	Bedroom	W16-L	0.02		
				W16-U	0.63		
				W17-L	0.05		
				W17-U	1.80		
					<b>2.49</b>	1.00	YES
Ground	R11	Residential	Bedroom	W18-L	0.03		
				W18-U	1.13		
					<b>1.16</b>	1.00	YES
Ground	R12	Residential	LKD	W19-L	0.24		
				W19-U	2.65		
				W20-L	0.02		
				W20-U	0.66		
					<b>3.57</b>	2.00	YES
Ground	R13	Residential	Bedroom	W21-L	0.05		
				W21-U	1.90		
				W22-L	0.02		
				W22-U	0.97		
					<b>2.95</b>	1.00	YES
Ground	R14	Residential	LKD	W23-L	0.19		
				W23-U	2.15		
				W24-L	0.03		
				W24-U	0.56		
				W25-L	0.02		
				W25-U	0.28		
					<b>3.22</b>	2.00	YES
First	R1	Residential	LKD	W1-L	0.12		
				W1-U	0.52		
				W34-L	0.03		
				W34-U	0.44		
				W35-L	0.03		
				W35-U	0.47		
					<b>1.61</b>	2.00	<b>NO</b>
First	R2	Residential	Bedroom	W2-L	0.05		
				W2-U	0.32		
				W3-L	0.06		

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				W3-U	2.23		
					2.66	1.00	YES
First	R3	Residential	Bedroom	W4-L	0.07		
				W4-U	2.84		
					2.91	1.00	YES
First	R4	Residential	LKD	W5-L	0.11		
				W5-U	0.66		
					0.77	2.00	NO
First	R5	Residential	Bedroom	W6-L	0.05		
				W6-U	0.27		
				W7-L	0.06		
				W7-U	2.22		
					2.60	1.00	YES
First	R6	Residential	Bedroom	W8-L	0.06		
				W8-U	2.24		
				W9-L	0.05		
				W9-U	0.29		
					2.65	1.00	YES
First	R7	Residential	LKD	W10-L	0.12		
				W10-U	0.74		
					0.86	2.00	NO
First	R8	Residential	Bedroom	W11-L	0.06		
				W11-U	2.29		
					2.34	1.00	YES
First	R9	Residential	Bedroom	W12-L	0.07		
				W12-U	2.73		
				W13-L	0.07		
				W13-U	0.42		
					3.29	1.00	YES
First	R10	Residential	LKD	W14-L	0.13		
				W14-U	0.78		
				W15-L	0.04		
				W15-U	0.63		
				W16-L	0.03		
				W16-U	0.49		
					2.09	2.00	YES
First	R11	Residential	LKD	W17-L	0.03		
				W17-U	0.51		
				W18-L	0.03		
				W18-U	0.61		
				W19-L	0.23		
				W19-U	3.02		
					4.44	2.00	YES
First	R12	Residential	Bedroom	W20-L	0.08		
				W20-U	3.14		
					3.22	1.00	YES
First	R13	Residential	Bedroom	W21-L	0.06		
				W21-U	2.31		
					2.37	1.00	YES
First	R14	Residential	LKD	W22-L	0.01		
				W22-U	0.55		
				W23-L	0.21		



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				W23-U	2.15		
					<b>2.92</b>	2.00	YES
First	R15	Residential	Bedroom	W24-L	0.08		
				W24-U	3.13		
					<b>3.21</b>	1.00	YES
First	R16	Residential	Bedroom	W25-L	0.09		
				W25-U	3.34		
					<b>3.43</b>	1.00	YES
First	R17	Residential	Bedroom	W26-L	0.03		
				W26-U	1.24		
					<b>1.27</b>	1.00	YES
First	R18	Residential	LKD	W27-L	0.21		
				W27-U	2.12		
				W28-L	0.01		
				W28-U	0.58		
					<b>2.92</b>	2.00	YES
First	R19	Residential	Bedroom	W29-L	0.07		
				W29-U	2.59		
					<b>2.65</b>	1.00	YES
First	R20	Residential	Bedroom	W30-L	0.08		
				W30-U	3.01		
					<b>3.08</b>	1.00	YES
First	R21	Residential	LKD	W31-L	0.22		
				W31-U	2.28		
				W32-L	0.04		
				W32-U	0.69		
				W33-L	0.02		
				W33-U	0.37		
					<b>3.63</b>	2.00	YES
Second	R1	Residential	LKD	W1-L	0.14		
				W1-U	0.64		
				W34-L	0.03		
				W34-U	0.51		
				W35-L	0.03		
				W35-U	0.54		
					<b>1.89</b>	2.00	NO
Second	R2	Residential	Bedroom	W2-L	0.06		
				W2-U	0.41		
				W3-L	0.06		
				W3-U	2.46		
					<b>3.00</b>	1.00	YES
Second	R3	Residential	Bedroom	W4-L	0.08		
				W4-U	3.09		
					<b>3.17</b>	1.00	YES
Second	R4	Residential	LKD	W5-L	0.12		
				W5-U	0.75		
					<b>0.87</b>	2.00	NO
Second	R5	Residential	Bedroom	W6-L	0.06		
				W6-U	0.38		
				W7-L	0.06		
				W7-U	2.42		
					<b>2.92</b>	1.00	YES

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Second	R6	Residential	Bedroom	W8-L	0.06	1.00	YES
				W8-U	2.44		
				W9-L	0.06		
				W9-U	0.37		
					<b>2.93</b>		
Second	R7	Residential	LKD	W10-L	0.13	2.00	NO
				W10-U	0.83		
					<b>0.96</b>		
Second	R8	Residential	Bedroom	W11-L	0.06	1.00	YES
				W11-U	2.46		
					<b>2.52</b>		
Second	R9	Residential	Bedroom	W12-L	0.08	1.00	YES
				W12-U	2.97		
				W13-L	0.08		
				W13-U	0.52		
					<b>3.64</b>		
Second	R10	Residential	LKD	W14-L	0.15	2.00	YES
				W14-U	0.87		
				W15-L	0.04		
				W15-U	0.67		
				W16-L	0.03		
				W16-U	0.55		
					<b>2.31</b>		
Second	R11	Residential	LKD	W17-L	0.03	2.00	YES
				W17-U	0.56		
				W18-L	0.04		
				W18-U	0.67		
				W19-L	0.25		
				W19-U	3.27		
					<b>4.82</b>		
Second	R12	Residential	Bedroom	W20-L	0.09	1.00	YES
				W20-U	3.40		
					<b>3.48</b>		
Second	R13	Residential	Bedroom	W21-L	0.06	1.00	YES
				W21-U	2.49		
					<b>2.55</b>		
Second	R14	Residential	LKD	W22-L	0.01	2.00	YES
				W22-U	0.59		
				W23-L	0.23		
				W23-U	2.41		
					<b>3.25</b>		
Second	R15	Residential	Bedroom	W24-L	0.09	1.00	YES
				W24-U	3.47		
					<b>3.55</b>		
Second	R16	Residential	Bedroom	W25-L	0.09	1.00	YES
				W25-U	3.70		
					<b>3.79</b>		
Second	R17	Residential	Bedroom	W26-L	0.03	1.00	YES
				W26-U	1.37		
					<b>1.40</b>		
Second	R18	Residential	LKD	W27-L	0.23		
				W27-U	2.37		

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				W28-L	0.02		
				W28-U	0.61		
					<b>3.23</b>	2.00	YES
Second	R19	Residential	Bedroom	W29-L	0.07		
				W29-U	2.79		
					<b>2.86</b>	1.00	YES
Second	R20	Residential	Bedroom	W30-L	0.08		
				W30-U	3.27		
					<b>3.35</b>	1.00	YES
Second	R21	Residential	LKD	W31-L	0.24		
				W31-U	2.50		
				W32-L	0.04		
				W32-U	0.75		
				W33-L	0.03		
				W33-U	0.46		
					<b>4.02</b>	2.00	YES
Third	R1	Residential	LKD	W1-L	0.17		
				W1-U	0.94		
				W34-L	0.03		
				W34-U	0.59		
				W35-L	0.03		
				W35-U	0.62		
					<b>2.38</b>	2.00	YES
Third	R2	Residential	Bedroom	W2-L	0.07		
				W2-U	0.59		
				W3-L	0.08		
				W3-U	3.19		
					<b>3.93</b>	1.00	YES
Third	R3	Residential	Bedroom	W4-L	0.07		
				W4-U	2.58		
					<b>2.65</b>	1.00	YES
Third	R4	Residential	LKD	W5-L	0.14		
				W5-U	0.90		
					<b>1.03</b>	2.00	NO
Third	R5	Residential	Bedroom	W6-L	0.06		
				W6-U	0.49		
				W7-L	0.07		
				W7-U	2.63		
					<b>3.25</b>	1.00	YES
Third	R6	Residential	Bedroom	W8-L	0.07		
				W8-U	2.64		
				W9-L	0.06		
				W9-U	0.47		
					<b>3.23</b>	1.00	YES
Third	R7	Residential	LKD	W10-L	0.14		
				W10-U	0.95		
					<b>1.09</b>	2.00	NO
Third	R8	Residential	Bedroom	W11-L	0.07		
				W11-U	2.62		
					<b>2.69</b>	1.00	YES
Third	R9	Residential	Bedroom	W12-L	0.08		
				W12-U	3.22		

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				W13-L	0.08		
				W13-U	0.62		
					<b>4.00</b>	1.00	YES
Third	R10	Residential	LKD	W14-L	0.17		
				W14-U	1.02		
				W15-L	0.04		
				W15-U	0.72		
				W16-L	0.03		
				W16-U	0.62		
					<b>2.60</b>	2.00	YES
Third	R11	Residential	LKD	W17-L	0.04		
				W17-U	0.65		
				W18-L	0.04		
				W18-U	0.76		
				W19-L	0.28		
				W19-U	3.65		
					<b>5.41</b>	2.00	YES
Third	R12	Residential	Bedroom	W20-L	0.09		
				W20-U	3.53		
					<b>3.62</b>	1.00	YES
Third	R13	Residential	Bedroom	W21-L	0.08		
				W21-U	3.09		
					<b>3.17</b>	1.00	YES
Third	R14	Residential	LKD	W22-L	0.02		
				W22-U	0.65		
				W23-L	0.25		
				W23-U	2.65		
					<b>3.56</b>	2.00	YES
Third	R15	Residential	Bedroom	W24-L	0.10		
				W24-U	3.78		
					<b>3.88</b>	1.00	YES
Third	R16	Residential	Bedroom	W25-L	0.10		
				W25-U	4.04		
					<b>4.14</b>	1.00	YES
Third	R17	Residential	Bedroom	W26-L	0.04		
				W26-U	1.48		
					<b>1.52</b>	1.00	YES
Third	R18	Residential	LKD	W27-L	0.25		
				W27-U	2.61		
				W28-L	0.02		
				W28-U	0.66		
					<b>3.53</b>	2.00	YES
Third	R19	Residential	Bedroom	W29-L	0.08		
				W29-U	2.98		
					<b>3.06</b>	1.00	YES
Third	R20	Residential	Bedroom	W30-L	0.09		
				W30-U	3.51		
					<b>3.60</b>	1.00	YES
Third	R21	Residential	LKD	W31-L	0.26		
				W31-U	2.70		
				W32-L	0.05		
				W32-U	0.82		

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				W33-L	0.03		
				W33-U	0.58		
					<b>4.44</b>	2.00	YES
Fourth	R1	Residential	LKD	W1-L	0.28		
				W1-U	3.18		
				W34-L	0.04		
				W34-U	0.73		
				W35-L	0.04		
				W35-U	0.73		
					<b>5.00</b>	2.00	YES
Fourth	R2	Residential	Bedroom	W2-L	0.13		
				W2-U	1.80		
				W3-L	0.09		
				W3-U	3.45		
					<b>5.46</b>	1.00	YES
Fourth	R3	Residential	Bedroom	W4-L	0.07		
				W4-U	2.75		
					<b>2.82</b>	1.00	YES
Fourth	R4	Residential	LKD	W5-L	0.15		
				W5-U	1.11		
					<b>1.26</b>	2.00	NO
Fourth	R5	Residential	Bedroom	W6-L	0.07		
				W6-U	0.58		
				W7-L	0.07		
				W7-U	2.83		
					<b>3.55</b>	1.00	YES
Fourth	R6	Residential	Bedroom	W8-L	0.07		
				W8-U	2.83		
				W9-L	0.07		
				W9-U	0.55		
					<b>3.52</b>	1.00	YES
Fourth	R7	Residential	LKD	W10-L	0.15		
				W10-U	1.11		
					<b>1.27</b>	2.00	NO
Fourth	R8	Residential	Bedroom	W11-L	0.07		
				W11-U	2.77		
					<b>2.85</b>	1.00	YES
Fourth	R9	Residential	Bedroom	W12-L	0.09		
				W12-U	3.46		
				W13-L	0.13		
				W13-U	1.82		
					<b>5.50</b>	1.00	YES
Fourth	R10	Residential	LKD	W14-L	0.27		
				W14-U	3.14		
				W15-L	0.04		
				W15-U	0.76		
				W16-L	0.04		
				W16-U	0.71		
					<b>4.96</b>	2.00	YES
Fourth	R11	Residential	LKD	W17-L	0.04		
				W17-U	0.73		
				W18-L	0.05		

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				W18-U	0.82		
				W19-L	0.30		
				W19-U	3.82		
					<b>5.75</b>	2.00	YES
Fourth	R12	Residential	Bedroom	W20-L	0.10		
				W20-U	3.74		
					<b>3.84</b>	1.00	YES
Fourth	R13	Residential	Bedroom	W21-L	0.08		
				W21-U	3.27		
					<b>3.35</b>	1.00	YES
Fourth	R14	Residential	LKD	W22-L	0.02		
				W22-U	0.73		
				W23-L	0.27		
				W23-U	2.75		
					<b>3.77</b>	2.00	YES
Fourth	R15	Residential	Bedroom	W24-L	0.10		
				W24-U	3.93		
					<b>4.04</b>	1.00	YES
Fourth	R16	Residential	Bedroom	W25-L	0.11		
				W25-U	4.20		
					<b>4.31</b>	1.00	YES
Fourth	R17	Residential	Bedroom	W26-L	0.04		
				W26-U	1.53		
					<b>1.57</b>	1.00	YES
Fourth	R18	Residential	LKD	W27-L	0.27		
				W27-U	2.72		
				W28-L	0.02		
				W28-U	0.73		
					<b>3.73</b>	2.00	YES
Fourth	R19	Residential	Bedroom	W29-L	0.08		
				W29-U	3.15		
					<b>3.23</b>	1.00	YES
Fourth	R20	Residential	Bedroom	W30-L	0.10		
				W30-U	3.72		
					<b>3.81</b>	1.00	YES
Fourth	R21	Residential	LKD	W31-L	0.28		
				W31-U	2.80		
				W32-L	0.05		
				W32-U	0.88		
				W33-L	0.04		
				W33-U	0.76		
					<b>4.80</b>	2.00	YES
Fifth	R1	Residential	LKD	W1-L	0.24		
				W1-U	4.17		
				W21-L	0.06		
				W21-U	2.57		
					<b>7.04</b>	2.00	YES
Fifth	R2	Residential	Bedroom	W2-L	0.23		
				W2-U	3.67		
				W3-L	0.07		
				W3-U	3.00		
					<b>6.97</b>	1.00	YES

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
Fifth	R3	Residential	Bedroom	W4-L	0.28	1.00	YES
				W4-U	4.25		
					<b>4.53</b>		
Fifth	R4	Residential	LKD	W5-L	0.22	2.00	YES
				W5-U	3.30		
					<b>3.52</b>		
Fifth	R5	Residential	Bedroom	W6-L	0.27	1.00	YES
				W6-U	4.09		
					<b>4.36</b>		
Fifth	R6	Residential	Bedroom	W7-L	0.07	1.00	YES
				W7-U	2.98		
				W8-L	0.23		
				W8-U	3.64		
					<b>6.92</b>		
Fifth	R7	Residential	LKD	W9-L	0.24	2.00	YES
				W9-U	4.11		
				W10-L	0.06		
				W10-U	2.49		
					<b>6.90</b>		
Fifth	R8	Residential	LKD	W11-L	0.06	2.00	YES
				W11-U	2.46		
				W12-L	0.28		
				W12-U	4.63		
					<b>7.43</b>		
Fifth	R9	Residential	Bedroom	W13-L	0.07	1.00	YES
				W13-U	3.19		
					<b>3.26</b>		
Fifth	R10	Residential	Bedroom	W14-L	0.34	1.00	YES
				W14-U	6.08		
					<b>6.42</b>		
Fifth	R11	Residential	Bedroom	W15-L	0.37	1.00	YES
				W15-U	6.66		
					<b>7.04</b>		
Fifth	R12	Residential	LKD	W16-L	0.20	2.00	YES
				W16-U	3.52		
				W17-L	0.18		
				W17-U	2.87		
					<b>6.76</b>		
Fifth	R13	Residential	Bedroom	W18-L	0.08	1.00	YES
				W18-U	3.23		
					<b>3.30</b>		
Fifth	R14	Residential	LKD	W19-L	0.28	2.00	YES
				W19-U	4.54		
				W20-L	0.06		
				W20-U	2.50		
					<b>7.38</b>		
<b>Block TU</b>							
Ground	R1	Residential	KD	W1-L	0.07		
				W1-U	1.18		
				W31	1.16		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
					<b>2.41</b>	2.00	YES
Ground	R2	Residential	Living Room	W2-L	0.06	1.50	<b>NO</b>
				W2-U	1.05		
				W3-L	0.04		
				W3-U	0.15		
					<b>1.30</b>		
Ground	R3	Residential	Bedroom	W4-L	0.00	1.00	<b>NO</b>
				W4-U	0.00		
					<b>0.00</b>		
Ground	R4	Residential	Bedroom	W5-L	0.04	1.00	YES
				W5-U	0.12		
				W6-L	0.05		
				W6-U	0.91		
					<b>1.12</b>		
Ground	R5	Residential	Bedroom	W7-L	0.00	1.00	<b>NO</b>
				W7-U	0.00		
					<b>0.00</b>		
Ground	R6	Residential	LKD	W8-L	0.03	2.00	<b>NO</b>
				W8-U	0.03		
				W9-L	0.04		
				W9-U	0.62		
				W10-L	0.04		
				W10-U	0.65		
					<b>1.41</b>		
Ground	R7	Residential	LKD	W11-L	0.01	2.00	<b>NO</b>
				W11-U	0.00		
					<b>0.01</b>		
Ground	R8	Residential	Bedroom	W12-L	0.02	1.00	<b>NO</b>
				W12-U	0.00		
					<b>0.02</b>		
Ground	R9	Residential	LKD	W13	0.60	2.00	YES
				W14-L	0.05		
				W14-U	0.86		
				W15-L	0.15		
				W15-U	1.17		
				W16-L	0.04		
				W16-U	0.58		
Ground	R10	Residential	Bedroom	W17-L	0.17	1.00	YES
				W17-U	1.39		
					<b>1.56</b>		
Ground	R11	Residential	Bedroom	W18	0.67	1.00	<b>NO</b>
					<b>0.67</b>		
Ground	R12	Residential	Bedroom	W19-L	0.17	1.00	YES
				W19-U	1.40		
					<b>1.57</b>		
Ground	R13	Residential	LKD	W20-L	0.04	1.00	YES
				W20-U	0.54		
				W21-L	0.14		
				W21-U	1.16		
				W22-L	0.06		
				W22-U	1.15		



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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
					<b>3.11</b>	2.00	YES
Ground	R14	Residential	Bedroom	W23-L	0.15	1.00	YES
				W23-U	2.75		
					<b>2.91</b>		
Ground	R15	Residential	Bedroom	W24-L	0.16	1.00	YES
				W24-U	2.86		
					<b>3.03</b>		
Ground	R16	Residential	LKD	W25-L	0.06	2.00	YES
				W25-U	1.14		
				W26-L	0.03		
				W26-U	0.40		
				W27-L	0.07		
				W27-U	0.46		
				W28	0.88		
					<b>3.03</b>		
Ground	R17	Residential	Bedroom	W29	1.79	1.00	YES
					<b>1.79</b>		
Ground	R18	Residential	Bedroom	W30	1.51	1.00	YES
					<b>1.51</b>		
First	R1	Residential	LKD	W1-L	0.05	2.00	YES
				W1-U	0.87		
				W39	1.00		
				W40-L	0.20		
				W40-U	2.28		
					<b>4.40</b>		
First	R2	Residential	Bedroom	W2-L	0.08	1.00	YES
				W2-U	1.41		
					<b>1.49</b>		
First	R3	Residential	Bedroom	W3-L	0.01	1.00	NO
				W3-U	0.00		
					<b>0.01</b>		
First	R4	Residential	LKD	W4-L	0.03	2.00	NO
				W4-U	0.14		
				W5-L	0.04		
				W5-U	0.75		
				W6-L	0.04		
				W6-U	0.73		
					<b>1.74</b>		
First	R5	Residential	Bedroom	W7-L	0.00	1.00	NO
				W7-U	0.00		
					<b>0.00</b>		
First	R6	Residential	LKD	W8-L	0.03	2.00	NO
				W8-U	0.09		
				W9-L	0.04		
				W9-U	0.73		
				W10-L	0.04		
				W10-U	0.76		
					<b>1.69</b>		
First	R7	Residential	LKD	W11-L	0.04	2.00	NO
				W11-U	0.00		
					<b>0.04</b>		
First	R8	Residential	LKD	W12-L	0.04		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
				W12-U	0.00		
					<b>0.04</b>	2.00	<b>NO</b>
First	R9	Residential	Bedroom	W13-L	0.07		
				W13-U	1.26		
					<b>1.34</b>	1.00	YES
First	R10	Residential	Bedroom	W14-L	0.09		
				W14-U	1.64		
					<b>1.73</b>	1.00	YES
First	R11	Residential	LKD	W15	0.94		
				W16-L	0.19		
				W16-U	1.52		
				W17-L	0.06		
				W17-U	0.74		
					<b>3.43</b>	2.00	YES
First	R12	Residential	LKD	W19-L	0.20		
				W19-U	1.67		
					<b>1.88</b>	2.00	<b>NO</b>
First	R13	Residential	Bedroom	W20-L	0.10		
				W20-U	1.30		
					<b>1.40</b>	1.00	YES
First	R14	Residential	Bedroom	W21-L	0.24		
				W21-U	1.97		
					<b>2.21</b>	1.00	YES
First	R15	Residential	LKD	W22-L	0.05		
				W22-U	0.72		
				W23-L	0.19		
				W23-U	1.51		
				W24-L	0.08		
				W24-U	1.49		
					<b>4.04</b>	2.00	YES
First	R16	Residential	Bedroom	W25-L	0.14		
				W25-U	2.47		
					<b>2.61</b>	1.00	YES
First	R17	Residential	Bedroom	W26-L	0.13		
				W26-U	2.36		
					<b>2.49</b>	1.00	YES
First	R18	Residential	Bedroom	W27-L	0.19		
				W27-U	3.43		
					<b>3.63</b>	1.00	YES
First	R19	Residential	Bedroom	W28-L	0.20		
				W28-U	3.52		
					<b>3.71</b>	1.00	YES
First	R20	Residential	Bedroom	W29-L	0.11		
				W29-U	0.91		
					<b>1.03</b>	1.00	YES
First	R21	Residential	LKD	W30-L	0.05		
				W30-U	0.42		
				W31-L	0.07		
				W31-U	1.33		
				W32-L	0.12		
				W32-U	2.14		
					<b>4.14</b>	2.00	YES

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
First	R22	Residential	Bedroom	W33-L	0.18	1.00	YES
				W33-U	3.09		
					<b>3.26</b>		
First	R23	Residential	LKD	W34-L	0.07	2.00	YES
				W34-U	1.22		
				W35-L	0.03		
				W35-U	0.44		
				W36-L	0.08		
				W36-U	0.59		
				W37	0.94		
					<b>3.37</b>		
First	R24	Residential	Bedroom	W38-L	0.13	1.00	YES
				W38-U	2.34		
					<b>2.47</b>		
Second	R1	Residential	LKD	W1-L	0.06	2.00	YES
				W1-U	0.98		
				W38	1.11		
				W39-L	0.22		
				W39-U	2.54		
					<b>4.91</b>		
Second	R2	Residential	Bedroom	W2-L	0.09	1.00	YES
				W2-U	1.62		
					<b>1.71</b>		
Second	R3	Residential	Bedroom	W3-L	0.06	1.00	NO
				W3-U	0.00		
					<b>0.06</b>		
Second	R4	Residential	LKD	W4-L	0.03	2.00	YES
				W4-U	0.22		
				W5-L	0.05		
				W5-U	0.88		
				W6-L	0.05		
				W6-U	0.87		
					<b>2.11</b>		
Second	R5	Residential	Bedroom	W7-L	0.05	1.00	NO
				W7-U	0.00		
					<b>0.05</b>		
Second	R6	Residential	LKD	W8-L	0.03	2.00	YES
				W8-U	0.19		
				W9-L	0.05		
				W9-U	0.87		
				W10-L	0.05		
				W10-U	0.89		
					<b>2.08</b>		
Second	R7	Residential	LKD	W11-L	0.07	2.00	NO
				W11-U	0.00		
					<b>0.07</b>		
Second	R8	Residential	LKD	W12-L	0.07	2.00	NO
				W12-U	0.00		
					<b>0.07</b>		
Second	R9	Residential	Bedroom	W13-L	0.08	1.00	YES
				W13-U	1.46		
					<b>1.54</b>		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
Second	R10	Residential	Bedroom	W14-L	0.10	1.00	YES
				W14-U	1.79		
					<b>1.90</b>		
Second	R11	Residential	LKD	W15	1.01	2.00	YES
				W16-L	0.18		
				W16-U	1.49		
				W17-L	0.06		
				W17-U	0.72		
					<b>3.46</b>		
Second	R12	Residential	LKD	W18-L	0.21	2.00	NO
				W18-U	1.71		
					<b>1.92</b>		
Second	R13	Residential	Bedroom	W19-L	0.10	1.00	YES
				W19-U	1.33		
					<b>1.43</b>		
Second	R14	Residential	Bedroom	W20-L	0.24	1.00	YES
				W20-U	2.01		
					<b>2.24</b>		
Second	R15	Residential	LKD	W21-L	0.05	2.00	YES
				W21-U	0.71		
				W22-L	0.18		
				W22-U	1.49		
				W23-L	0.09		
				W23-U	1.53		
					<b>4.06</b>		
Second	R16	Residential	Bedroom	W24-L	0.14	1.00	YES
				W24-U	2.54		
					<b>2.69</b>		
Second	R17	Residential	Bedroom	W25-L	0.14	1.00	YES
				W25-U	2.43		
					<b>2.57</b>		
Second	R18	Residential	Bedroom	W26-L	0.20	1.00	YES
				W26-U	3.56		
					<b>3.76</b>		
Second	R19	Residential	Bedroom	W27-L	0.21	1.00	YES
				W27-U	3.65		
					<b>3.86</b>		
Second	R20	Residential	Bedroom	W28-L	0.12	1.00	YES
				W28-U	1.01		
					<b>1.13</b>		
Second	R21	Residential	LKD	W29-L	0.05	2.00	YES
				W29-U	0.43		
				W30-L	0.08		
				W30-U	1.41		
				W31-L	0.13		
				W31-U	2.28		
					<b>4.38</b>		
Second	R22	Residential	Bedroom	W32-L	0.19	1.00	YES
				W32-U	3.29		
					<b>3.48</b>		
Second	R23	Residential	LKD	W33-L	0.07		
				W33-U	1.30		

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				W34-L	0.04		
				W34-U	0.46		
				W35-L	0.08		
				W35-U	0.66		
				W36	1.02		
					<b>3.63</b>	2.00	YES
Second	R24	Residential	Bedroom	W37-L	0.14		
				W37-U	2.55		
					<b>2.69</b>	1.00	YES
Third	R1	Residential	LKD	W1-L	0.06		
				W1-U	1.12		
				W38	1.18		
				W39-L	0.24		
				W39-U	2.74		
					<b>5.34</b>	2.00	YES
Third	R2	Residential	Bedroom	W2-L	0.10		
				W2-U	1.87		
					<b>1.97</b>	1.00	YES
Third	R3	Residential	Bedroom	W3-L	0.10		
				W3-U	0.09		
					<b>0.19</b>	1.00	NO
Third	R4	Residential	LKD	W4-L	0.04		
				W4-U	0.27		
				W5-L	0.06		
				W5-U	1.04		
				W6-L	0.06		
				W6-U	1.03		
					<b>2.50</b>	2.00	YES
Third	R5	Residential	Bedroom	W7-L	0.09		
				W7-U	0.00		
					<b>0.09</b>	1.00	NO
Third	R6	Residential	LKD	W8-L	0.04		
				W8-U	0.25		
				W9-L	0.06		
				W9-U	1.03		
				W10-L	0.06		
				W10-U	1.05		
					<b>2.49</b>	2.00	YES
Third	R7	Residential	LKD	W11-L	0.19		
				W11-U	2.26		
					<b>2.46</b>	2.00	YES
Third	R8	Residential	LKD	W12-L	0.19		
				W12-U	2.28		
					<b>2.47</b>	2.00	YES
Third	R9	Residential	Bedroom	W13-L	0.10		
				W13-U	1.72		
					<b>1.81</b>	1.00	YES
Third	R10	Residential	Bedroom	W14-L	0.11		
				W14-U	1.96		
					<b>2.07</b>	1.00	YES
Third	R11	Residential	LKD	W15	1.07		
				W16-L	0.22		

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				W16-U	3.00		
				W17-L	0.07		
				W17-U	1.34		
					<b>5.69</b>	2.00	YES
Third	R12	Residential	LKD	W18-L	0.20		
				W18-U	1.67		
					<b>1.87</b>	2.00	NO
Third	R13	Residential	Bedroom	W19-L	0.10		
				W19-U	1.30		
					<b>1.40</b>	1.00	YES
Third	R14	Residential	Bedroom	W20-L	0.24		
				W20-U	1.95		
					<b>2.18</b>	1.00	YES
Third	R15	Residential	LKD	W21-L	0.07		
				W21-U	1.34		
				W22-L	0.22		
				W22-U	3.01		
				W23-L	0.09		
				W23-U	1.53		
					<b>6.24</b>	2.00	YES
Third	R16	Residential	Bedroom	W24-L	0.15		
				W24-U	2.53		
					<b>2.68</b>	1.00	YES
Third	R17	Residential	Bedroom	W25-L	0.14		
				W25-U	2.47		
					<b>2.62</b>	1.00	YES
Third	R18	Residential	Bedroom	W26-L	0.21		
				W26-U	3.66		
					<b>3.87</b>	1.00	YES
Third	R19	Residential	Bedroom	W27-L	0.21		
				W27-U	3.70		
					<b>3.91</b>	1.00	YES
Third	R20	Residential	Bedroom	W28-L	0.12		
				W28-U	1.00		
					<b>1.12</b>	1.00	YES
Third	R21	Residential	LKD	W29-L	0.06		
				W29-U	0.45		
				W30-L	0.08		
				W30-U	1.44		
				W31-L	0.13		
				W31-U	2.31		
					<b>4.47</b>	2.00	YES
Third	R22	Residential	Bedroom	W32-L	0.19		
				W32-U	3.34		
					<b>3.54</b>	1.00	YES
Third	R23	Residential	LKD	W33-L	0.08		
				W33-U	1.32		
				W34-L	0.06		
				W34-U	1.05		
				W35-L	0.12		
				W35-U	1.46		
				W36	1.07		

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					5.16	2.00	YES
Third	R24	Residential	Bedroom	W37-L	0.15		
				W37-U	2.72		
					2.88	1.00	YES
<b>Block V</b>							
Ground	R1	Residential	LKD	W1-L	0.04		
				W1-U	0.67		
				W2-L	0.04		
				W2-U	0.67		
				W25-L	0.11		
				W25-U	1.20		
					2.72	2.00	YES
Ground	R2	Residential	LKD	W3-L	0.06		
				W3-U	0.96		
				W4-L	0.06		
				W4-U	0.97		
				W5-L	0.05		
				W5-U	0.47		
					2.58	2.00	YES
Ground	R3	Residential	Bedroom	W6-L	0.10		
				W6-U	0.00		
					0.10	1.00	NO
Ground	R4	Residential	LKD	W7-L	0.06		
				W7-U	0.31		
				W8-L	0.03		
				W8-U	0.18		
				W9-L	0.05		
				W9-U	0.83		
				W10-L	0.02		
				W10-U	0.34		
					1.82	2.00	NO
Ground	R5	Residential	Bedroom	W11-L	0.06		
				W11-U	0.27		
					0.33	1.00	NO
Ground	R6	Residential	Bedroom	W12-L	0.11		
				W12-U	1.91		
					2.02	1.00	YES
Ground	R7	Residential	LKD	W13-L	0.06		
				W13-U	1.12		
				W14-L	0.17		
				W14-U	1.36		
				W15-L	0.05		
				W15-U	0.64		
					3.40	2.00	YES
Ground	R8	Residential	LKD	W16-L	0.00		
				W16-U	0.34		
				W17-L	0.04		
				W17-U	0.49		
				W18-L	0.13		
				W18-U	1.01		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
				W19-L	0.04		
				W19-U	0.72		
					<b>2.77</b>	2.00	YES
Ground	R9	Residential	Bedroom	W20-L	0.10		
				W20-U	1.71		
					<b>1.81</b>	1.00	YES
Ground	R10	Residential	Bedroom	W21-L	0.07		
				W21-U	1.19		
					<b>1.26</b>	1.00	YES
Ground	R11	Residential	Bedroom	W22-L	0.08		
				W22-U	1.37		
					<b>1.45</b>	1.00	YES
Ground	R12	Residential	Bedroom	W23-L	0.13		
				W23-U	2.21		
				W24-L	0.08		
				W24-U	1.29		
					<b>3.70</b>	1.00	YES
First	R1	Residential	LKD	W1-L	0.06		
				W1-U	1.07		
				W2-L	0.06		
				W2-U	1.07		
				W33-L	0.18		
				W33-U	1.94		
					<b>4.38</b>	2.00	YES
First	R2	Residential	LKD	W3-L	0.06		
				W3-U	1.06		
				W4-L	0.06		
				W4-U	1.07		
				W5-L	0.06		
				W5-U	0.49		
					<b>2.81</b>	2.00	YES
First	R3	Residential	Bedroom	W6-L	0.13		
				W6-U	0.00		
					<b>0.13</b>	1.00	NO
First	R4	Residential	LKD	W7-L	0.06		
				W7-U	1.11		
				W8-L	0.06		
				W8-U	1.13		
				W9-L	0.06		
				W9-U	0.55		
					<b>2.98</b>	2.00	YES
First	R5	Residential	Bedroom	W10-L	0.15		
				W10-U	0.66		
					<b>0.80</b>	1.00	NO
First	R6	Residential	LKD	W11-L	0.06		
				W11-U	1.11		
				W12-L	0.03		
				W12-U	0.47		
				W13-L	0.05		
				W13-U	0.45		
					<b>2.17</b>	2.00	YES
First	R7	Residential	Bedroom	W14-L	0.09		



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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
				W14-U	0.32		
					<b>0.41</b>	1.00	<b>NO</b>
First	R8	Residential	Bedroom	W15-L	0.12		
				W15-U	2.03		
					<b>2.14</b>	1.00	YES
First	R9	Residential	LKD	W16-L	0.07		
				W16-U	1.18		
				W17-L	0.18		
				W17-U	1.39		
				W18-L	0.05		
				W18-U	0.66		
					<b>3.53</b>	2.00	YES
First	R10	Residential	Living Room	W19-L	0.04		
				W19-U	0.78		
				W20-L	0.08		
				W20-U	1.03		
					<b>1.94</b>	1.50	YES
First	R11	Residential	KD	W21-L	0.28		
				W21-U	2.19		
				W22	1.45		
					<b>3.91</b>	2.00	YES
First	R12	Residential	Bedroom	W23-L	0.11		
				W23-U	1.99		
					<b>2.10</b>	1.00	YES
First	R13	Residential	Bedroom	W24-L	0.09		
				W24-U	1.55		
					<b>1.64</b>	1.00	YES
First	R14	Residential	LKD	W25-L	0.16		
				W25-U	1.84		
				W26-L	0.05		
				W26-U	0.90		
					<b>2.95</b>	2.00	YES
First	R15	Residential	Bedroom	W27-L	0.09		
				W27-U	1.66		
					<b>1.75</b>	1.00	YES
First	R16	Residential	Bedroom	W28-L	0.10		
				W28-U	1.71		
					<b>1.80</b>	1.00	YES
First	R17	Residential	Bedroom	W29-L	0.16		
				W29-U	2.75		
					<b>2.91</b>	1.00	YES
First	R18	Residential	LKD	W30-L	0.10		
				W30-U	1.69		
				W31-L	0.17		
				W31-U	1.93		
					<b>3.89</b>	2.00	YES
First	R19	Residential	Bedroom	W32-L	0.15		
				W32-U	2.62		
					<b>2.77</b>	1.00	YES
Second	R1	Residential	LKD	W1-L	0.07		
				W1-U	1.18		
				W2-L	0.07		

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				W2-U	1.18		
				W33-L	0.20		
				W33-U	2.19		
					<b>4.87</b>	2.00	YES
Second	R2	Residential	LKD	W3-L	0.07		
				W3-U	1.17		
				W4-L	0.07		
				W4-U	1.18		
				W5-L	0.06		
				W5-U	0.51		
					<b>3.04</b>	2.00	YES
Second	R3	Residential	Bedroom	W6-L	0.15		
				W6-U	0.20		
					<b>0.35</b>	1.00	NO
Second	R4	Residential	LKD	W7-L	0.07		
				W7-U	1.21		
				W8-L	0.07		
				W8-U	1.23		
				W9-L	0.06		
				W9-U	0.56		
					<b>3.19</b>	2.00	YES
Second	R5	Residential	Bedroom	W10-L	0.17		
				W10-U	0.75		
					<b>0.91</b>	1.00	NO
Second	R6	Residential	LKD	W11-L	0.07		
				W11-U	1.19		
				W12-L	0.03		
				W12-U	0.50		
				W13-L	0.05		
				W13-U	0.44		
					<b>2.27</b>	2.00	YES
Second	R7	Residential	Bedroom	W14-L	0.11		
				W14-U	0.34		
					<b>0.45</b>	1.00	NO
Second	R8	Residential	Bedroom	W15-L	0.12		
				W15-U	2.15		
					<b>2.27</b>	1.00	YES
Second	R9	Residential	LKD	W16-L	0.07		
				W16-U	1.25		
				W17-L	0.18		
				W17-U	1.43		
				W18-L	0.05		
				W18-U	0.67		
					<b>3.65</b>	2.00	YES
Second	R10	Residential	Living Room	W19-L	0.04		
				W19-U	0.79		
				W20-L	0.08		
				W20-U	1.05		
					<b>1.96</b>	1.50	YES
Second	R11	Residential	KD	W21-L	0.28		
				W21-U	2.24		
				W22	1.64		

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					4.16	2.00	YES
Second	R12	Residential	Bedroom	W23-L	0.13		
				W23-U	2.30		
					2.43	1.00	YES
Second	R13	Residential	Bedroom	W24-L	0.10		
				W24-U	1.82		
					1.92	1.00	YES
Second	R14	Residential	LKD	W25-L	0.19		
				W25-U	2.17		
				W26-L	0.06		
				W26-U	1.07		
					3.49	2.00	YES
Second	R15	Residential	Bedroom	W27-L	0.11		
				W27-U	1.97		
					2.08	1.00	YES
Second	R16	Residential	Bedroom	W28-L	0.11		
				W28-U	1.99		
					2.10	1.00	YES
Second	R17	Residential	Bedroom	W29-L	0.18		
				W29-U	3.16		
					3.34	1.00	YES
Second	R18	Residential	LKD	W30-L	0.11		
				W30-U	1.90		
				W31-L	0.19		
				W31-U	2.12		
					4.32	2.00	YES
Second	R19	Residential	Bedroom	W32-L	0.17		
				W32-U	2.91		
					3.08	1.00	YES
Third	R1	Residential	LKD	W1-L	0.07		
				W1-U	1.29		
				W2-L	0.07		
				W2-U	1.29		
				W33-L	0.22		
				W33-U	2.48		
					5.42	2.00	YES
Third	R2	Residential	LKD	W3-L	0.07		
				W3-U	1.28		
				W4-L	0.07		
				W4-U	1.29		
				W5-L	0.06		
				W5-U	0.52		
					3.29	2.00	YES
Third	R3	Residential	Bedroom	W6-L	0.17		
				W6-U	0.89		
					1.07	1.00	YES
Third	R4	Residential	LKD	W7-L	0.07		
				W7-U	1.31		
				W8-L	0.07		
				W8-U	1.33		
				W9-L	0.06		
				W9-U	0.56		

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					3.41	2.00	YES
Third	R5	Residential	Bedroom	W10-L	0.19		
				W10-U	1.18		
					1.37	1.00	YES
Third	R6	Residential	LKD	W11-L	0.07		
				W11-U	1.27		
				W12-L	0.03		
				W12-U	0.53		
				W13-L	0.05		
				W13-U	0.44		
					2.39	2.00	YES
Third	R7	Residential	Bedroom	W14-L	0.12		
				W14-U	0.63		
					0.76	1.00	NO
Third	R8	Residential	Bedroom	W15-L	0.13		
				W15-U	2.27		
					2.40	1.00	YES
Third	R9	Residential	LKD	W16-L	0.07		
				W16-U	1.31		
				W17-L	0.18		
				W17-U	1.45		
				W18-L	0.05		
				W18-U	0.69		
					3.75	2.00	YES
Third	R10	Residential	Living Room	W19-L	0.04		
				W19-U	0.79		
				W20-L	0.08		
				W20-U	1.06		
					1.97	1.50	YES
Third	R11	Residential	KD	W21-L	0.28		
				W21-U	2.28		
				W22	1.85		
					4.42	2.00	YES
Third	R12	Residential	Bedroom	W23-L	0.14		
				W23-U	2.61		
					2.75	1.00	YES
Third	R13	Residential	Bedroom	W24-L	0.12		
				W24-U	2.12		
					2.24	1.00	YES
Third	R14	Residential	LKD	W25-L	0.22		
				W25-U	2.52		
				W26-L	0.07		
				W26-U	1.25		
					4.06	2.00	YES
Third	R15	Residential	Bedroom	W27-L	0.13		
				W27-U	2.29		
					2.41	1.00	YES
Third	R16	Residential	Bedroom	W28-L	0.13		
				W28-U	2.28		
					2.41	1.00	YES
Third	R17	Residential	Bedroom	W29-L	0.20		
				W29-U	3.58		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
					3.78	1.00	YES
Third	R18	Residential	LKD	W30-L	0.12		
				W30-U	2.11		
				W31-L	0.21		
				W31-U	2.33		
					4.76	2.00	YES
Third	R19	Residential	Bedroom	W32-L	0.18		
				W32-U	3.26		
					3.44	1.00	YES
Fourth	R1	Residential	LKD	W1-L	0.08		
				W1-U	1.38		
				W2-L	0.08		
				W2-U	1.38		
				W33-L	0.25		
				W33-U	2.84		
					6.01	2.00	YES
Fourth	R2	Residential	LKD	W3-L	0.08		
				W3-U	1.41		
				W4-L	0.08		
				W4-U	1.41		
				W5-L	0.06		
				W5-U	0.51		
					3.54	2.00	YES
Fourth	R3	Residential	Bedroom	W6-L	0.19		
				W6-U	1.31		
					1.50	1.00	YES
Fourth	R4	Residential	LKD	W7-L	0.08		
				W7-U	1.41		
				W8-L	0.08		
				W8-U	1.42		
				W9-L	0.06		
				W9-U	0.55		
					3.60	2.00	YES
Fourth	R5	Residential	Bedroom	W10-L	0.20		
				W10-U	1.48		
					1.68	1.00	YES
Fourth	R6	Residential	LKD	W11-L	0.08		
				W11-U	1.33		
				W12-L	0.03		
				W12-U	0.56		
				W13-L	0.05		
				W13-U	0.43		
					2.48	2.00	YES
Fourth	R7	Residential	Bedroom	W14-L	0.13		
				W14-U	0.88		
					1.01	1.00	YES
Fourth	R8	Residential	Bedroom	W15-L	0.14		
				W15-U	2.42		
					2.55	1.00	YES
Fourth	R9	Residential	LKD	W16-L	0.08		
				W16-U	1.35		
				W17-L	0.18		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
				W17-U	1.42		
				W18-L	0.05		
				W18-U	0.67		
					<b>3.75</b>	2.00	YES
Fourth	R10	Residential	Living Room	W19-L	0.04		
				W19-U	0.80		
				W20-L	0.08		
				W20-U	1.03		
					<b>1.96</b>	1.50	YES
Fourth	R11	Residential	KD	W21-L	0.28		
				W21-U	2.24		
				W22	1.98		
					<b>4.49</b>	2.00	YES
Fourth	R12	Residential	Bedroom	W23-L	0.16		
				W23-U	2.85		
					<b>3.01</b>	1.00	YES
Fourth	R13	Residential	Bedroom	W24-L	0.13		
				W24-U	2.29		
					<b>2.42</b>	1.00	YES
Fourth	R14	Residential	LKD	W25-L	0.25		
				W25-U	2.80		
				W26-L	0.08		
				W26-U	1.37		
					<b>4.50</b>	2.00	YES
Fourth	R15	Residential	Bedroom	W27-L	0.14		
				W27-U	2.50		
					<b>2.64</b>	1.00	YES
Fourth	R16	Residential	Bedroom	W28-L	0.14		
				W28-U	2.47		
					<b>2.61</b>	1.00	YES
Fourth	R17	Residential	Bedroom	W29-L	0.22		
				W29-U	3.85		
					<b>4.07</b>	1.00	YES
Fourth	R18	Residential	LKD	W30-L	0.13		
				W30-U	2.23		
				W31-L	0.23		
				W31-U	2.58		
					<b>5.16</b>	2.00	YES
Fourth	R19	Residential	Bedroom	W32-L	0.21		
				W32-U	3.64		
					<b>3.85</b>	1.00	YES
Fifth	R1	Residential	LKD	W1-L	0.19		
				W1-U	2.51		
				W2-L	0.07		
				W2-U	1.32		
				W25-L	0.06		
				W25-U	1.28		
				W26-L	0.19		
				W26-U	2.55		
					<b>8.17</b>	2.00	YES
Fifth	R2	Residential	LKD	W3-L	0.07		
				W3-U	1.45		

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				W4-L	0.21		
				W4-U	2.76		
					<b>4.50</b>	2.00	YES
Fifth	R3	Residential	Bedroom	W5-L	0.10		
				W5-U	1.37		
				W6-L	0.11		
				W6-U	1.88		
					<b>3.46</b>	1.00	YES
Fifth	R4	Residential	Bedroom	W7-L	0.11		
				W7-U	1.90		
				W8-L	0.10		
				W8-U	1.38		
					<b>3.49</b>	1.00	YES
Fifth	R5	Residential	LKD	W9-L	0.15		
				W9-U	2.06		
				W10-L	0.05		
				W10-U	1.09		
					<b>3.37</b>	2.00	YES
Fifth	R6	Residential	Bedroom	W11-L	0.37		
				W11-U	4.99		
					<b>5.37</b>	1.00	YES
Fifth	R7	Residential	Bedroom	W12-L	0.12		
				W12-U	2.38		
				W13-L	0.38		
				W13-U	4.91		
					<b>7.79</b>	1.00	YES
Fifth	R8	Residential	LKD	W14	1.21		
				W15-L	0.22		
				W15-U	2.86		
				W16-L	0.07		
				W16-U	1.43		
				W17-L	0.07		
				W17-U	1.43		
					<b>7.27</b>	2.00	YES
Fifth	R9	Residential	Bedroom	W18-L	0.11		
				W18-U	2.38		
					<b>2.50</b>	1.00	YES
Fifth	R10	Residential	LKD	W19-L	0.07		
				W19-U	1.46		
				W20-L	0.19		
				W20-U	2.65		
					<b>4.36</b>	2.00	YES
Fifth	R11	Residential	Bedroom	W21-L	0.08		
				W21-U	1.63		
					<b>1.71</b>	1.00	YES
Fifth	R12	Residential	Bedroom	W22-L	0.12		
				W22-U	2.51		
					<b>2.63</b>	1.00	YES
Fifth	R13	Residential	Bedroom	W23-L	0.12		
				W23-U	2.60		
				W24-L	0.12		
				W24-U	2.50		

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					5.34	1.00	YES
<b>Block W</b>							
Ground	R1	Residential	Bedroom	W1-L	0.13	1.00	YES
				W1-U	2.33		
					2.46		
Ground	R2	Residential	LKD	W2-L	0.07	2.00	YES
				W2-U	1.18		
				W3-L	0.14		
				W3-U	1.56		
				W4-L	0.05		
				W4-U	0.80		
					3.78		
Ground	R3	Residential	Bedroom	W5-L	0.09	1.00	YES
				W5-U	1.50		
					1.59		
Ground	R4	Residential	LKD	W6-L	0.16	2.00	YES
				W6-U	1.79		
				W9	0.46		
					2.41		
Ground	R5	Residential	Bedroom	W7-L	0.09	1.00	YES
				W7-U	1.61		
					1.70		
Ground	R6	Residential	KD	W8-L	0.09	2.00	NO
				W8-U	1.59		
					1.68		
Ground	R7	Residential	Bedroom	W10	2.53	1.00	YES
					2.53		
					2.53		
First	R1	Residential	Kitchen	W1-L	0.25	2.00	YES
				W1-U	2.87		
				W18	2.52		
					5.64		
First	R2	Residential	Living Room	W2-L	0.36	1.50	YES
				W2-U	3.99		
				W3-L	0.06		
				W3-U	1.12		
					5.53		
First	R3	Residential	Bedroom	W4-L	0.09	1.00	YES
				W4-U	1.57		
					1.66		
First	R4	Residential	Bedroom	W5-L	0.10	1.00	YES
				W5-U	1.71		
					1.80		
First	R5	Residential	Studio	W6-L	0.14	1.50	YES
				W6-U	1.53		
				W7-L	0.04		
				W7-U	0.79		
					2.51		
First	R6	Residential	KD	W8-L	0.09	2.00	NO
				W8-U	1.60		
					1.69		



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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
First	R7	Residential	Living Room	W9-L	0.32	1.50	YES
				W9-U	3.57		
					<b>3.88</b>		
First	R8	Residential	Bedroom	W10-L	0.10	1.00	YES
				W10-U	1.74		
					<b>1.84</b>		
First	R9	Residential	Bedroom	W11-L	0.09	1.00	YES
				W11-U	1.58		
					<b>1.67</b>		
First	R10	Residential	Living Room	W12-L	0.22	1.50	YES
				W12-U	2.42		
					<b>2.63</b>		
First	R11	Residential	KD	W13-L	0.14	2.00	YES
				W13-U	1.68		
				W14	1.93		
					<b>3.76</b>		
First	R12	Residential	Bedroom	W15-L	0.12	1.00	YES
				W15-U	2.18		
				W16	1.94		
					<b>4.24</b>		
First	R13	Residential	Bedroom	W17	2.58	1.00	YES
					<b>2.58</b>		
Second	R1	Residential	Kitchen	W1-L	0.26	2.00	YES
				W1-U	2.95		
				W18	2.58		
					<b>5.79</b>		
Second	R2	Residential	Living Room	W2-L	0.38	1.50	YES
				W2-U	4.15		
				W3-L	0.07		
				W3-U	1.25		
					<b>5.84</b>		
Second	R3	Residential	Bedroom	W4-L	0.10	1.00	YES
				W4-U	1.74		
					<b>1.84</b>		
Second	R4	Residential	Bedroom	W5-L	0.11	1.00	YES
				W5-U	1.88		
					<b>1.99</b>		
Second	R5	Residential	Studio	W6-L	0.15	1.50	YES
				W6-U	1.70		
				W7-L	0.05		
				W7-U	0.87		
					<b>2.77</b>		
Second	R6	Residential	KD	W8-L	0.10	2.00	NO
				W8-U	1.77		
					<b>1.87</b>		
Second	R7	Residential	Living Room	W9-L	0.35	1.50	YES
				W9-U	4.02		
					<b>4.37</b>		
Second	R8	Residential	Bedroom	W10-L	0.11	1.00	YES
				W10-U	2.01		
					<b>2.12</b>		
Second	R9	Residential	Bedroom	W11-L	0.10		

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Floor Ref	Room Ref	Property Type	Room Use	Window Ref	ADF Proposed	Req'd Value	Meets BRE Criteria
				W11-U	1.85		
					1.95	1.00	YES
Second	R10	Residential	Living Room	W12-L	0.25		
				W12-U	2.84		
					3.09	1.50	YES
Second	R11	Residential	KD	W13-L	0.17		
				W13-U	1.96		
				W14	2.01		
					4.14	2.00	YES
Second	R12	Residential	Bedroom	W15-L	0.13		
				W15-U	2.30		
				W16	2.00		
					4.43	1.00	YES
Second	R13	Residential	Bedroom	W17	2.64		
					2.64	1.00	YES
Third	R1	Residential	Bedroom	W1-L	0.21		
				W1-U	2.46		
				W15	2.13		
					4.80	1.00	YES
Third	R2	Residential	LKD	W2-L	0.27		
				W2-U	3.04		
				W3-L	0.04		
				W3-U	0.75		
				W4-L	0.07		
				W4-U	1.32		
					5.49	2.00	YES
Third	R3	Residential	LKD	W5-L	0.21		
				W5-U	2.34		
					2.54	2.00	YES
Third	R4	Residential	Bedroom	W6-L	0.12		
				W6-U	2.18		
					2.30	1.00	YES
Third	R5	Residential	KD	W7-L	0.11		
				W7-U	1.94		
					2.05	2.00	YES
Third	R6	Residential	Living Room	W8-L	0.40		
				W8-U	4.55		
					4.95	1.50	YES
Third	R7	Residential	Bedroom	W9-L	0.13		
				W9-U	2.35		
					2.48	1.00	YES
Third	R8	Residential	LKD	W10-L	0.08		
				W10-U	1.43		
				W11-L	0.05		
				W11-U	0.85		
				W12-L	0.28		
				W12-U	3.16		
					5.84	2.00	YES
Third	R9	Residential	Bedroom	W13-L	0.22		
				W13-U	2.52		
				W14	0.84		
					3.59	1.00	YES

# Proposed NSL Tabular Results

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
<b>Block A</b>							
Ground	R1	Residential	Kitchen	Area m2	6.41	6.32	
				% of room		99.00%	YES
	R2	Residential	LD	Area m2	21.24	21.01	
				% of room		99.00%	YES
	R3	Residential	LD	Area m2	21.24	21.00	
				% of room		99.00%	YES
	R4	Residential	Kitchen	Area m2	6.41	6.36	
				% of room		99.00%	YES
	R5	Residential	Bedroom	Area m2	7.58	6.63	
				% of room		87.00%	YES
	R6	Residential	Bedroom	Area m2	12.86	12.14	
			% of room		94.00%	YES	
R7	Residential	Bedroom	Area m2	17.13	12.65		
			% of room		74.00%	NO	
R8	Residential	Bedroom	Area m2	17.13	13.24		
			% of room		77.00%	NO	
R9	Residential	Bedroom	Area m2	12.86	12.62		
			% of room		98.00%	YES	
R10	Residential	Bedroom	Area m2	7.58	6.54		
			% of room		86.00%	YES	
First	R1	Residential	Kitchen	Area m2	10.01	9.90	
				% of room		99.00%	YES
	R2	Residential	LD	Area m2	19.28	19.26	
				% of room		100.00%	YES
	R3	Residential	Bedroom	Area m2	11.69	11.43	
				% of room		98.00%	YES
	R4	Residential	Bedroom	Area m2	13.00	12.65	
				% of room		97.00%	YES
	R5	Residential	Bedroom	Area m2	13.00	12.65	
				% of room		97.00%	YES
	R6	Residential	Bedroom	Area m2	11.69	11.41	
				% of room		98.00%	YES
	R7	Residential	Living Room	Area m2	19.28	19.25	
				% of room		100.00%	YES
	R8	Residential	Kitchen	Area m2	10.01	9.95	
			% of room		99.00%	YES	
R9	Residential	Kitchen	Area m2	7.93	7.79		
			% of room		98.00%	YES	
R10	Residential	Living Room	Area m2	13.41	13.17		
			% of room		98.00%	YES	
R11	Residential	Bedroom	Area m2	15.07	13.39		
			% of room		89.00%	YES	
R12	Residential	Bedroom	Area m2	15.07	13.38		
			% of room		89.00%	YES	
R13	Residential	Living Room	Area m2	13.41	13.37		
			% of room		100.00%	YES	
R14	Residential	Kitchen	Area m2	7.93	7.73		
			% of room		98.00%	YES	
Second	R1	Residential	KD	Area m2	10.01	9.90	

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R2	Residential	Living Room	% of room Area m2	19.28	99.00% 19.26	YES
	R3	Residential	Bedroom	% of room Area m2	11.69	100.00% 11.43	YES
	R4	Residential	Bedroom	% of room Area m2	13.00	98.00% 12.65	YES
	R5	Residential	Bedroom	% of room Area m2	13.00	97.00% 12.64	YES
	R6	Residential	Bedroom	% of room Area m2	11.69	97.00% 11.41	YES
	R7	Residential	Living Room	% of room Area m2	19.28	98.00% 19.25	YES
	R8	Residential	Kitchen	% of room Area m2	10.01	100.00% 9.94	YES
	R9	Residential	Kitchen	% of room Area m2	7.93	99.00% 7.79	YES
	R10	Residential	Living Room	% of room Area m2	13.41	98.00% 13.38	YES
	R11	Residential	Bedroom	% of room Area m2	15.07	100.00% 14.81	YES
	R12	Residential	Bedroom	% of room Area m2	15.07	98.00% 14.83	YES
	R13	Residential	Living Room	% of room Area m2	13.41	98.00% 13.37	YES
	R14	Residential	Kitchen	% of room Area m2	7.93	100.00% 7.73	YES
				% of room Area m2		98.00%	YES
Third	R1	Residential	KD	Area m2	10.01	9.93	
	R2	Residential	Living Room	% of room Area m2	19.28	99.00% 19.26	YES
	R3	Residential	Bedroom	% of room Area m2	11.69	100.00% 11.43	YES
	R4	Residential	Bedroom	% of room Area m2	13.00	98.00% 12.65	YES
	R5	Residential	Bedroom	% of room Area m2	13.00	97.00% 12.65	YES
	R6	Residential	Bedroom	% of room Area m2	11.69	97.00% 11.41	YES
	R7	Residential	Living Room	% of room Area m2	19.28	98.00% 19.25	YES
	R8	Residential	Kitchen	% of room Area m2	10.01	100.00% 9.96	YES
	R9	Residential	Kitchen	% of room Area m2	7.93	99.00% 7.79	YES
	R10	Residential	Living Room	% of room Area m2	13.41	98.00% 13.40	YES
	R11	Residential	Bedroom	% of room Area m2	15.07	100.00% 15.04	YES
	R12	Residential	Bedroom	% of room Area m2	15.07	100.00% 15.06	YES
	R13	Residential	Living Room	% of room Area m2	13.41	100.00% 13.40	YES

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R14	Residential	Kitchen	% of room	7.93	100.00%	YES
				Area m2		7.73	
				% of room		97.00%	YES
<b>Block B</b>							
Ground	R1	Residential	LKD	Area m2	30.52	24.98	
				% of room		82.00%	YES
	R2	Residential	LKD	Area m2	25.87	25.17	
				% of room		97.00%	YES
	R3	Residential	Bedroom	Area m2	23.10	21.65	
				% of room		94.00%	YES
	R4	Residential	KD	Area m2	16.52	2.97	
				% of room		18.00%	NO
	R5	Residential	Living Room	Area m2	14.12	14.10	
				% of room		100.00%	YES
	R6	Residential	Bedroom	Area m2	8.06	6.91	
				% of room		86.00%	YES
	R7	Residential	Bedroom	Area m2	14.34	14.32	
				% of room		100.00%	YES
	R8	Residential	Bedroom	Area m2	13.04	12.97	
				% of room		99.00%	YES
	R9	Residential	Bedroom	Area m2	7.68	6.67	
				% of room		87.00%	YES
	R10	Residential	Bedroom	Area m2	13.91	13.57	
				% of room		98.00%	YES
	R11	Residential	Bedroom	Area m2	13.10	13.09	
				% of room		100.00%	YES
First	R1	Residential	LKD	Area m2	30.52	25.96	
				% of room		85.00%	YES
	R2	Residential	LKD	Area m2	29.67	29.08	
				% of room		98.00%	YES
	R3	Residential	Bedroom	Area m2	11.64	11.57	
				% of room		99.00%	YES
	R4	Residential	Bedroom	Area m2	13.34	13.21	
				% of room		99.00%	YES
	R5	Residential	LKD	Area m2	23.23	16.21	
				% of room		70.00%	NO
	R6	Residential	Bedroom	Area m2	13.64	13.56	
				% of room		99.00%	YES
	R7	Residential	Bedroom	Area m2	13.64	13.56	
				% of room		99.00%	YES
	R8	Residential	LKD	Area m2	23.23	23.11	
				% of room		99.00%	YES
	R9	Residential	Bedroom	Area m2	13.31	11.35	
				% of room		85.00%	YES
	R10	Residential	Bedroom	Area m2	11.64	11.49	
				% of room		99.00%	YES
	R11	Residential	LKD	Area m2	29.67	29.66	
				% of room		100.00%	YES
	R12	Residential	LKD	Area m2	26.37	26.21	
				% of room		99.00%	YES

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R13	Residential	Bedroom	Area m2	13.06	12.79	
				% of room		98.00%	YES
	R14	Residential	Bedroom	Area m2	7.68	6.93	
				% of room		90.00%	YES
	R15	Residential	Bedroom	Area m2	13.91	13.57	
				% of room		98.00%	YES
	R16	Residential	Bedroom	Area m2	13.10	13.09	
				% of room		100.00%	YES
Second	R1	Residential	LKD	Area m2	30.52	30.13	
				% of room		99.00%	YES
	R2	Residential	LKD	Area m2	29.67	29.35	
				% of room		99.00%	YES
	R3	Residential	Bedroom	Area m2	11.64	11.57	
				% of room		99.00%	YES
	R4	Residential	Bedroom	Area m2	13.34	13.21	
				% of room		99.00%	YES
	R5	Residential	LKD	Area m2	23.23	23.20	
				% of room		100.00%	YES
	R6	Residential	Bedroom	Area m2	13.64	13.56	
				% of room		99.00%	YES
	R7	Residential	Bedroom	Area m2	13.64	13.56	
				% of room		99.00%	YES
	R8	Residential	LKD	Area m2	23.23	23.15	
				% of room		100.00%	YES
	R9	Residential	Bedroom	Area m2	13.31	11.90	
				% of room		89.00%	YES
	R10	Residential	Bedroom	Area m2	11.64	11.63	
				% of room		100.00%	YES
	R11	Residential	LKD	Area m2	29.67	29.66	
				% of room		100.00%	YES
	R12	Residential	LKD	Area m2	26.37	26.22	
				% of room		99.00%	YES
	R13	Residential	Bedroom	Area m2	13.06	12.79	
				% of room		98.00%	YES
	R14	Residential	Bedroom	Area m2	7.68	7.19	
				% of room		94.00%	YES
	R15	Residential	Bedroom	Area m2	13.91	13.61	
				% of room		98.00%	YES
	R16	Residential	Bedroom	Area m2	13.10	13.09	
				% of room		100.00%	YES
Third	R1	Residential	LKD	Area m2	30.52	30.13	
				% of room		99.00%	YES
	R2	Residential	LKD	Area m2	29.67	29.67	
				% of room		100.00%	YES
	R3	Residential	Bedroom	Area m2	11.64	11.64	
				% of room		100.00%	YES
	R4	Residential	Bedroom	Area m2	13.34	13.21	
				% of room		99.00%	YES
	R5	Residential	LKD	Area m2	23.23	23.20	
				% of room		100.00%	YES
	R6	Residential	Bedroom	Area m2	13.64	13.56	
				% of room		99.00%	YES

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R7	Residential	Bedroom	Area m2	13.64	13.56	
				% of room		99.00%	YES
	R8	Residential	LKD	Area m2	23.23	23.15	
				% of room		100.00%	YES
	R9	Residential	Bedroom	Area m2	13.31	12.96	
				% of room		97.00%	YES
	R10	Residential	Bedroom	Area m2	11.64	11.63	
				% of room		100.00%	YES
	R11	Residential	LKD	Area m2	29.67	29.66	
				% of room		100.00%	YES
	R12	Residential	LKD	Area m2	26.37	26.22	
				% of room		99.00%	YES
	R13	Residential	Bedroom	Area m2	13.06	12.79	
				% of room		98.00%	YES
	R14	Residential	Bedroom	Area m2	7.68	7.19	
				% of room		94.00%	YES
	R15	Residential	Bedroom	Area m2	13.91	13.82	
				% of room		99.00%	YES
	R16	Residential	Bedroom	Area m2	13.10	13.09	
				% of room		100.00%	YES
<b>Block C</b>							
Ground	R1	Residential	LKD	Area m2	28.80	27.70	
				% of room		96.00%	YES
	R2	Residential	Bedroom	Area m2	14.86	12.81	
				% of room		86.00%	YES
	R3	Residential	Bedroom	Area m2	11.68	5.76	
				% of room		49.00%	NO
	R4	Residential	Bedroom	Area m2	11.68	8.00	
				% of room		69.00%	NO
	R5	Residential	Bedroom	Area m2	14.85	12.17	
				% of room		82.00%	YES
	R6	Residential	LKD	Area m2	28.77	27.88	
				% of room		97.00%	YES
	R7	Residential	LKD	Area m2	30.19	29.26	
				% of room		97.00%	YES
	R8	Residential	Bedroom	Area m2	15.42	8.03	
				% of room		52.00%	NO
	R9	Residential	LKD	Area m2	22.07	12.49	
				% of room		57.00%	NO
	R10	Residential	Bedroom	Area m2	12.96	4.79	
				% of room		37.00%	NO
	R11	Residential	Bedroom	Area m2	17.61	10.48	
				% of room		60.00%	NO
	R12	Residential	Bedroom	Area m2	8.90	7.34	
				% of room		82.00%	YES
	R13	Residential	Bedroom	Area m2	8.90	8.22	
				% of room		92.00%	YES
	R14	Residential	LKD	Area m2	34.36	32.80	
				% of room		95.00%	YES
First	R1	Residential	LKD	Area m2	29.15	28.33	



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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R2	Residential	Bedroom	% of room	24.01	97.00%	YES
				Area m2		23.06	
	R3	Residential	LKD	% of room	22.58	96.00%	YES
				Area m2		6.90	
	R4	Residential	Bedroom	% of room	15.51	31.00%	NO
				Area m2		11.21	
	R5	Residential	Bedroom	% of room	15.51	72.00%	NO
				Area m2		10.94	
	R6	Residential	LKD	% of room	22.62	71.00%	NO
				Area m2		10.68	
	R7	Residential	Bedroom	% of room	23.98	47.00%	NO
				Area m2		22.57	
	R8	Residential	LKD	% of room	29.12	94.00%	YES
				Area m2		28.40	
	R9	Residential	LKD	% of room	28.17	98.00%	YES
				Area m2		27.64	
	R10	Residential	Bedroom	% of room	8.69	98.00%	YES
				Area m2		7.73	
	R11	Residential	Bedroom	% of room	14.63	89.00%	YES
				Area m2		11.11	
	R12	Residential	LKD	% of room	28.77	76.00%	NO
				Area m2		24.29	
	R13	Residential	Bedroom	% of room	20.23	84.00%	YES
				Area m2		10.64	
	R14	Residential	Bedroom	% of room	12.69	53.00%	NO
				Area m2		7.95	
	R15	Residential	LKD	% of room	24.42	63.00%	NO
				Area m2		13.17	
	R16	Residential	Bedroom	% of room	14.43	54.00%	NO
				Area m2		11.39	
	R17	Residential	Bedroom	% of room	8.50	79.00%	NO
				Area m2		7.92	
	R18	Residential	LKD	% of room	28.51	93.00%	YES
				Area m2		27.69	
				% of room		97.00%	YES
Second	R1	Residential	LKD	Area m2	29.15	28.47	
				% of room		98.00%	YES
	R2	Residential	Bedroom	Area m2	11.82	10.50	
				% of room		89.00%	YES
	R3	Residential	Bedroom	Area m2	13.75	9.99	
				% of room		73.00%	NO
	R4	Residential	LKD	Area m2	22.58	7.79	
				% of room		35.00%	NO
	R5	Residential	Bedroom	Area m2	15.50	11.90	
				% of room		77.00%	NO
	R6	Residential	Bedroom	Area m2	15.51	12.58	
				% of room		81.00%	YES
	R7	Residential	LKD	Area m2	22.62	11.45	
				% of room		51.00%	NO
	R8	Residential	Bedroom	Area m2	13.34	11.26	
				% of room		84.00%	YES
	R9	Residential	Bedroom	Area m2	11.49	10.57	

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R10	Residential	LKD	% of room	28.03	92.00%	YES
				Area m2		27.56	
	R11	Residential	LKD	% of room	24.63	98.00%	YES
				Area m2		24.39	
	R12	Residential	Bedroom	% of room	11.72	99.00%	YES
				Area m2		11.23	
	R13	Residential	Bedroom	% of room	14.55	96.00%	YES
				Area m2		14.05	
	R14	Residential	LKD	% of room	25.43	97.00%	YES
				Area m2		15.07	
	R15	Residential	Bedroom	% of room	11.60	59.00%	NO
				Area m2		10.90	
	R16	Residential	Bedroom	% of room	11.51	94.00%	YES
				Area m2		11.38	
	R17	Residential	Bedroom	% of room	12.69	99.00%	YES
				Area m2		12.21	
	R18	Residential	LKD	% of room	24.42	96.00%	YES
				Area m2		15.81	
	R19	Residential	Bedroom	% of room	11.63	65.00%	NO
				Area m2		11.46	
	R20	Residential	Bedroom	% of room	12.92	99.00%	YES
				Area m2		12.51	
	R21	Residential	LKD	% of room	30.25	97.00%	YES
				Area m2		27.09	
				% of room		90.00%	YES
Third	R1	Residential	LKD	Area m2	29.15	28.60	
				% of room		98.00%	YES
	R2	Residential	Bedroom	Area m2	11.82	11.45	
				% of room		97.00%	YES
	R3	Residential	Bedroom	Area m2	13.75	12.83	
				% of room		93.00%	YES
	R4	Residential	LKD	Area m2	22.58	10.32	
				% of room		46.00%	NO
	R5	Residential	Bedroom	Area m2	15.50	13.34	
				% of room		86.00%	YES
	R6	Residential	Bedroom	Area m2	15.51	13.79	
				% of room		89.00%	YES
	R7	Residential	LKD	Area m2	22.62	13.06	
				% of room		58.00%	NO
	R8	Residential	Bedroom	Area m2	13.34	12.95	
				% of room		97.00%	YES
	R9	Residential	Bedroom	Area m2	11.49	11.39	
				% of room		99.00%	YES
	R10	Residential	LKD	Area m2	28.03	27.75	
				% of room		99.00%	YES
	R11	Residential	LKD	Area m2	24.63	24.62	
				% of room		100.00%	YES
	R12	Residential	Bedroom	Area m2	11.72	11.29	
				% of room		96.00%	YES
	R13	Residential	Bedroom	Area m2	14.55	14.27	
				% of room		98.00%	YES
	R14	Residential	LKD	Area m2	25.43	25.43	

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R15	Residential	Bedroom	% of room Area m2	11.60	100.00% 10.90	YES
	R16	Residential	Bedroom	% of room Area m2	11.51	94.00% 11.38	YES
	R17	Residential	Bedroom	% of room Area m2	12.69	99.00% 12.61	YES
	R18	Residential	LKD	% of room Area m2	24.42	99.00% 24.41	YES
	R19	Residential	Bedroom	% of room Area m2	11.63	100.00% 11.49	YES
	R20	Residential	Bedroom	% of room Area m2	12.92	99.00% 12.56	YES
	R21	Residential	LKD	% of room Area m2	30.25	97.00% 30.14	YES
				% of room Area m2		100.00%	YES
Fourth	R1	Residential	LKD	Area m2	29.15	29.13	
	R2	Residential	Bedroom	% of room Area m2	11.82	100.00% 11.81	YES
	R3	Residential	Bedroom	% of room Area m2	13.75	100.00% 13.52	YES
	R4	Residential	LKD	% of room Area m2	22.58	98.00% 16.84	YES
	R5	Residential	Bedroom	% of room Area m2	15.50	75.00% 15.45	NO
	R6	Residential	Bedroom	% of room Area m2	15.51	100.00% 15.45	YES
	R7	Residential	LKD	% of room Area m2	22.62	100.00% 18.46	YES
	R8	Residential	Bedroom	% of room Area m2	13.34	82.00% 13.15	YES
	R9	Residential	Bedroom	% of room Area m2	11.49	99.00% 11.47	YES
	R10	Residential	LKD	% of room Area m2	28.03	100.00% 28.02	YES
	R11	Residential	LKD	% of room Area m2	24.63	100.00% 24.62	YES
	R12	Residential	Bedroom	% of room Area m2	11.72	100.00% 11.51	YES
	R13	Residential	Bedroom	% of room Area m2	14.55	98.00% 14.42	YES
	R14	Residential	Bedroom	% of room Area m2	14.55	99.00% 14.42	YES
	R14	Residential	LKD	% of room Area m2	25.43	99.00% 25.43	YES
	R15	Residential	Bedroom	% of room Area m2	11.60	100.00% 10.90	YES
	R16	Residential	Bedroom	% of room Area m2	11.51	94.00% 11.38	YES
	R17	Residential	Bedroom	% of room Area m2	12.69	99.00% 12.61	YES
	R18	Residential	LKD	% of room Area m2	24.42	99.00% 24.41	YES
	R19	Residential	Bedroom	% of room Area m2	11.63	100.00% 11.56	YES

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	R20	Residential	Bedroom	% of room Area m2	12.92	99.00% 12.74	YES
	R21	Residential	LKD	% of room Area m2	30.25	99.00% 30.17	YES
				% of room		100.00%	YES
Fifth	R1	Residential	Living Room	Area m2	20.21	20.19	
				% of room		100.00%	YES
	R2	Residential	Bedroom	Area m2	11.53	11.44	
				% of room		99.00%	YES
	R3	Residential	Bedroom	Area m2	12.18	11.27	
				% of room		93.00%	YES
	R4	Residential	LKD	Area m2	29.45	27.68	
				% of room		94.00%	YES
	R5	Residential	Bedroom	Area m2	12.10	11.04	
				% of room		91.00%	YES
	R6	Residential	Bedroom	Area m2	11.53	11.47	
				% of room		99.00%	YES
	R7	Residential	Living Room	Area m2	20.21	20.18	
				% of room		100.00%	YES
	R8	Residential	Kitchen	Area m2	10.66	10.65	
				% of room		100.00%	YES
	R9	Residential	Bedroom	Area m2	8.60	8.36	
				% of room		97.00%	YES
	R10	Residential	Bedroom	Area m2	13.62	13.39	
				% of room		98.00%	YES
	R11	Residential	LKD	Area m2	28.18	28.13	
				% of room		100.00%	YES
	R12	Residential	Bedroom	Area m2	12.23	12.11	
				% of room		99.00%	YES
	R13	Residential	Bedroom	Area m2	12.33	12.33	
				% of room		100.00%	YES
	R14	Residential	Bedroom	Area m2	13.62	13.38	
				% of room		98.00%	YES
	R15	Residential	Bedroom	Area m2	8.60	8.39	
				% of room		98.00%	YES
	R16	Residential	Kitchen	Area m2	10.66	10.66	
				% of room		100.00%	YES
<b>Block D</b>							
Ground	R1	Residential	Living Room	Area m2	12.69	12.51	
				% of room		99.00%	YES
	R2	Residential	KD	Area m2	18.75	4.73	
				% of room		25.00%	NO
	R3	Residential	Bedroom	Area m2	14.77	6.49	
				% of room		44.00%	NO
	R4	Residential	Bedroom	Area m2	8.34	0.87	
				% of room		10.00%	NO
	R5	Residential	Bedroom	Area m2	11.54	2.88	
				% of room		25.00%	NO
	R6	Residential	LKD	Area m2	32.47	13.49	
				% of room		42.00%	NO

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	R7	Residential	Kitchen	Area m2	9.85	8.00	
				% of room		81.00%	YES
	R8	Residential	Living Room	Area m2	16.82	16.56	
				% of room		98.00%	YES
	R9	Residential	Bedroom	Area m2	12.49	12.44	
				% of room		100.00%	YES
	R10	Residential	Bedroom	Area m2	12.86	12.68	
				% of room		99.00%	YES
	R11	Residential	Bedroom	Area m2	14.97	14.52	
				% of room		97.00%	YES
	R12	Residential	Bedroom	Area m2	13.74	13.62	
				% of room		99.00%	YES
	R13	Residential	Bedroom	Area m2	13.03	7.71	
				% of room		59.00%	NO
First	R1	Residential	LKD	Area m2	22.30	21.98	
				% of room		99.00%	YES
	R2	Residential	Bedroom	Area m2	13.56	1.41	
				% of room		10.00%	NO
	R3	Residential	Bedroom	Area m2	12.60	0.68	
				% of room		5.00%	NO
	R4	Residential	LKD	Area m2	25.09	20.37	
				% of room		81.00%	YES
	R5	Residential	LKD	Area m2	25.09	15.23	
				% of room		61.00%	NO
	R6	Residential	Bedroom	Area m2	12.60	1.48	
				% of room		12.00%	NO
	R7	Residential	Bedroom	Area m2	13.56	3.02	
				% of room		22.00%	NO
	R8	Residential	LKD	Area m2	22.30	14.49	
				% of room		65.00%	NO
	R9	Residential	Kitchen	Area m2	9.85	8.30	
				% of room		84.00%	YES
	R10	Residential	Living Room	Area m2	16.82	16.56	
				% of room		98.00%	YES
	R11	Residential	Bedroom	Area m2	12.49	12.49	
				% of room		100.00%	YES
	R12	Residential	Bedroom	Area m2	12.86	12.68	
				% of room		99.00%	YES
	R13	Residential	Bedroom	Area m2	12.86	12.72	
				% of room		99.00%	YES
	R14	Residential	Bedroom	Area m2	12.49	12.29	
				% of room		98.00%	YES
	R15	Residential	Living Room	Area m2	16.82	16.61	
				% of room		99.00%	YES
	R16	Residential	Kitchen	Area m2	9.85	6.82	
				% of room		69.00%	NO
Second	R1	Residential	LKD	Area m2	22.30	22.02	
				% of room		99.00%	YES
	R2	Residential	Bedroom	Area m2	13.56	2.67	
				% of room		20.00%	NO
	R3	Residential	Bedroom	Area m2	12.60	2.21	
				% of room		18.00%	NO

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R4	Residential	LKD	Area m2	25.09	21.07	
				% of room		84.00%	YES
	R5	Residential	LKD	Area m2	25.09	20.01	
				% of room		80.00%	YES
	R6	Residential	Bedroom	Area m2	12.60	2.83	
				% of room		22.00%	NO
	R7	Residential	Bedroom	Area m2	13.56	4.17	
				% of room		31.00%	NO
	R8	Residential	LKD	Area m2	22.30	16.04	
				% of room		72.00%	NO
	R9	Residential	Kitchen	Area m2	9.85	9.37	
				% of room		95.00%	YES
	R10	Residential	Living Room	Area m2	16.82	16.56	
				% of room		98.00%	YES
	R11	Residential	Bedroom	Area m2	12.49	12.49	
				% of room		100.00%	YES
	R12	Residential	Bedroom	Area m2	12.86	12.68	
				% of room		99.00%	YES
	R13	Residential	Bedroom	Area m2	12.86	12.72	
				% of room		99.00%	YES
	R14	Residential	Bedroom	Area m2	12.49	12.43	
				% of room		100.00%	YES
	R15	Residential	Living Room	Area m2	16.82	16.61	
				% of room		99.00%	YES
	R16	Residential	Kitchen	Area m2	9.85	8.75	
				% of room		89.00%	YES
Third	R1	Residential	LKD	Area m2	22.30	22.14	
				% of room		99.00%	YES
	R2	Residential	Bedroom	Area m2	13.56	5.88	
				% of room		43.00%	NO
	R3	Residential	Bedroom	Area m2	12.60	4.93	
				% of room		39.00%	NO
	R4	Residential	LKD	Area m2	25.09	23.07	
				% of room		92.00%	YES
	R5	Residential	LKD	Area m2	25.09	22.96	
				% of room		92.00%	YES
	R6	Residential	Bedroom	Area m2	12.60	5.89	
				% of room		47.00%	NO
	R7	Residential	Bedroom	Area m2	13.56	7.15	
				% of room		53.00%	NO
	R8	Residential	LKD	Area m2	22.30	21.29	
				% of room		95.00%	YES
	R9	Residential	Kitchen	Area m2	9.85	9.37	
				% of room		95.00%	YES
	R10	Residential	Living Room	Area m2	16.82	16.65	
				% of room		99.00%	YES
	R11	Residential	Bedroom	Area m2	12.49	12.49	
				% of room		100.00%	YES
	R12	Residential	Bedroom	Area m2	12.86	12.68	
				% of room		99.00%	YES
	R13	Residential	Bedroom	Area m2	12.86	12.72	
				% of room		99.00%	YES

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R14	Residential	Bedroom	Area m2	12.49	12.49	
				% of room		100.00%	YES
	R15	Residential	Living Room	Area m2	16.82	16.77	
				% of room		100.00%	YES
	R16	Residential	Kitchen	Area m2	9.85	9.78	
				% of room		99.00%	YES
<b>Block E</b>							
Ground	R1	Residential	Bedroom	Area m2	9.74	9.16	
				% of room		94.00%	YES
	R2	Residential	LKD	Area m2	27.00	23.92	
				% of room		89.00%	YES
	R3	Residential	LKD	Area m2	29.96	22.16	
				% of room		74.00%	NO
	R4	Residential	Bedroom	Area m2	11.80	11.65	
				% of room		99.00%	YES
	R5	Residential	Bedroom	Area m2	12.70	12.53	
				% of room		99.00%	YES
	R6	Residential	Bedroom	Area m2	14.24	14.16	
				% of room		99.00%	YES
	R7	Residential	LKD	Area m2	24.70	21.99	
				% of room		89.00%	YES
	R8	Residential	LKD	Area m2	27.00	24.80	
				% of room		92.00%	YES
	R9	Residential	Bedroom	Area m2	9.74	9.19	
				% of room		94.00%	YES
	R10	Residential	Bedroom	Area m2	14.45	13.53	
				% of room		94.00%	YES
	R11	Residential	LKD	Area m2	25.02	13.76	
				% of room		55.00%	NO
	R12	Residential	Bedroom	Area m2	12.01	6.02	
				% of room		50.00%	NO
	R13	Residential	Bedroom	Area m2	13.44	6.12	
				% of room		46.00%	NO
	R14	Residential	Bedroom	Area m2	14.45	13.56	
				% of room		94.00%	YES
First	R1	Residential	Bedroom	Area m2	9.74	9.19	
				% of room		94.00%	YES
	R2	Residential	LKD	Area m2	27.00	25.42	
				% of room		94.00%	YES
	R3	Residential	LKD	Area m2	24.70	23.61	
				% of room		96.00%	YES
	R4	Residential	Bedroom	Area m2	14.24	14.18	
				% of room		100.00%	YES
	R5	Residential	Bedroom	Area m2	13.91	13.77	
				% of room		99.00%	YES
	R6	Residential	LKD	Area m2	25.83	25.50	
				% of room		99.00%	YES
	R7	Residential	Bedroom	Area m2	14.24	14.18	
				% of room		100.00%	YES
	R8	Residential	LKD	Area m2	24.70	23.35	

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	R9	Residential	LKD	% of room	27.00	95.00%	YES
				Area m2		24.88	
	R10	Residential	Bedroom	% of room	9.74	92.00%	YES
				Area m2		9.19	
	R11	Residential	Bedroom	% of room	14.45	94.00%	YES
				Area m2		13.71	
	R12	Residential	LKD	% of room	25.02	95.00%	YES
				Area m2		14.24	
	R13	Residential	Bedroom	% of room	12.01	57.00%	NO
				Area m2		7.25	
	R14	Residential	Bedroom	% of room	13.44	60.00%	NO
				Area m2		7.38	
	R15	Residential	Bedroom	% of room	13.44	55.00%	NO
				Area m2		8.61	
	R16	Residential	Bedroom	% of room	12.01	64.00%	NO
				Area m2		7.99	
	R17	Residential	LKD	% of room	25.02	67.00%	NO
				Area m2		18.43	
	R18	Residential	Bedroom	% of room	14.45	74.00%	NO
				Area m2		13.61	
				% of room		94.00%	YES
Second	R1	Residential	Bedroom	Area m2	9.74	9.73	
				% of room		100.00%	YES
	R2	Residential	LKD	Area m2	27.00	26.37	
				% of room		98.00%	YES
	R3	Residential	LKD	Area m2	24.70	24.68	
				% of room		100.00%	YES
	R4	Residential	Bedroom	Area m2	14.24	14.24	
				% of room		100.00%	YES
	R5	Residential	Bedroom	Area m2	13.91	13.78	
				% of room		99.00%	YES
	R6	Residential	LKD	Area m2	25.83	25.56	
				% of room		99.00%	YES
	R7	Residential	Bedroom	Area m2	14.24	14.24	
				% of room		100.00%	YES
	R8	Residential	LKD	Area m2	24.70	24.65	
				% of room		100.00%	YES
	R9	Residential	LKD	Area m2	27.03	25.16	
				% of room		93.00%	YES
	R10	Residential	Bedroom	Area m2	9.71	9.16	
				% of room		94.00%	YES
	R11	Residential	Bedroom	Area m2	14.45	13.78	
				% of room		95.00%	YES
	R12	Residential	LKD	Area m2	25.02	14.99	
				% of room		60.00%	NO
	R13	Residential	Bedroom	Area m2	12.01	9.26	
				% of room		77.00%	NO
	R14	Residential	Bedroom	Area m2	13.44	9.35	
				% of room		70.00%	NO
	R15	Residential	Bedroom	Area m2	13.44	10.45	
				% of room		78.00%	NO
	R16	Residential	Bedroom	Area m2	12.01	9.76	



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	R17	Residential	LKD	% of room Area m2	25.02	81.00% 19.36	YES
	R18	Residential	Bedroom	% of room Area m2	14.45	77.00% 14.26	NO
				% of room		99.00%	YES
Third	R1	Residential	LKD	Area m2	26.53	26.51	
				% of room		100.00%	YES
	R2	Residential	Bedroom	Area m2	10.78	10.56	
				% of room		98.00%	YES
	R3	Residential	LKD	Area m2	24.70	24.68	
				% of room		100.00%	YES
	R4	Residential	Bedroom	Area m2	14.24	14.24	
				% of room		100.00%	YES
	R5	Residential	Bedroom	Area m2	13.91	13.78	
				% of room		99.00%	YES
	R6	Residential	LKD	Area m2	25.83	25.58	
				% of room		99.00%	YES
	R7	Residential	Bedroom	Area m2	14.24	14.24	
				% of room		100.00%	YES
	R8	Residential	LKD	Area m2	24.70	24.68	
				% of room		100.00%	YES
	R9	Residential	Bedroom	Area m2	10.76	10.54	
				% of room		98.00%	YES
	R10	Residential	LKD	Area m2	26.56	26.27	
				% of room		99.00%	YES
	R11	Residential	Bedroom	Area m2	14.63	8.93	
				% of room		61.00%	NO
	R12	Residential	LKD	Area m2	25.02	17.75	
				% of room		71.00%	NO
	R13	Residential	Bedroom	Area m2	12.01	11.52	
				% of room		96.00%	YES
	R14	Residential	Bedroom	Area m2	13.44	12.28	
				% of room		91.00%	YES
	R15	Residential	Bedroom	Area m2	13.44	12.84	
				% of room		96.00%	YES
	R16	Residential	Bedroom	Area m2	12.01	11.49	
				% of room		96.00%	YES
	R17	Residential	LKD	Area m2	25.02	21.72	
				% of room		87.00%	YES
	R18	Residential	Bedroom	Area m2	14.32	14.11	
				% of room		98.00%	YES
Fourth	R1	Residential	LKD	Area m2	26.53	26.51	
				% of room		100.00%	YES
	R2	Residential	Bedroom	Area m2	10.78	10.60	
				% of room		98.00%	YES
	R3	Residential	LKD	Area m2	24.70	24.68	
				% of room		100.00%	YES
	R4	Residential	Bedroom	Area m2	14.24	14.24	
				% of room		100.00%	YES
	R5	Residential	Bedroom	Area m2	13.91	13.78	
				% of room		99.00%	YES
	R6	Residential	LKD	Area m2	25.83	25.58	

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R7	Residential	Bedroom	% of room Area m2	14.24	99.00% 14.24	YES
	R8	Residential	LKD	% of room Area m2	24.70	100.00% 24.69	YES
	R9	Residential	Bedroom	% of room Area m2	10.76	100.00% 10.58	YES
	R10	Residential	LKD	% of room Area m2	26.19	98.00% 26.14	YES
	R11	Residential	Bedroom	% of room Area m2	14.34	100.00% 14.12	YES
	R12	Residential	LKD	% of room Area m2	25.02	98.00% 23.95	YES
	R13	Residential	Bedroom	% of room Area m2	12.01	96.00% 11.52	YES
	R14	Residential	Bedroom	% of room Area m2	13.44	96.00% 13.09	YES
	R15	Residential	Bedroom	% of room Area m2	13.44	97.00% 13.08	YES
	R16	Residential	Bedroom	% of room Area m2	12.01	97.00% 11.49	YES
	R17	Residential	LKD	% of room Area m2	25.02	96.00% 24.79	YES
	R18	Residential	Bedroom	% of room Area m2	14.32	99.00% 14.17	YES
				% of room Area m2		99.00%	YES
Fifth	R1	Residential	LKD	Area m2	29.99	29.99	
	R2	Residential	Bedroom	% of room Area m2	11.61	100.00% 11.61	YES
	R3	Residential	Bedroom	% of room Area m2	13.03	100.00% 13.03	YES
	R4	Residential	LKD	% of room Area m2	24.62	100.00% 24.58	YES
	R5	Residential	Bedroom	% of room Area m2	11.59	100.00% 11.52	YES
	R6	Residential	Bedroom	% of room Area m2	14.27	99.00% 14.27	YES
	R7	Residential	LKD	% of room Area m2	25.32	100.00% 25.31	YES
	R8	Residential	LKD	% of room Area m2	25.31	100.00% 25.29	YES
	R9	Residential	Bedroom	% of room Area m2	12.81	100.00% 12.55	YES
	R10	Residential	Bedroom	% of room Area m2	14.15	98.00% 14.00	YES
	R11	Residential	LKD	% of room Area m2	26.21	99.00% 26.20	YES
				% of room Area m2		100.00%	YES
<b>Block F</b>							
Ground	R1	Residential	LKD	Area m2	31.01	27.36	
				% of room		88.00%	YES

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R2	Residential	LKD	Area m2	31.01	24.28	
				% of room		78.00%	NO
	R3	Residential	LKD	Area m2	31.01	20.39	
				% of room		66.00%	NO
	R4	Residential	LKD	Area m2	31.01	23.71	
				% of room		76.00%	NO
First	R1	Residential	Bedroom	Area m2	11.76	11.31	
				% of room		96.00%	YES
	R2	Residential	Bedroom	Area m2	7.44	7.16	
				% of room		96.00%	YES
	R3	Residential	Bedroom	Area m2	11.76	11.02	
				% of room		94.00%	YES
	R4	Residential	Bedroom	Area m2	7.44	7.16	
				% of room		96.00%	YES
	R5	Residential	Bedroom	Area m2	11.76	10.83	
				% of room		92.00%	YES
	R6	Residential	Bedroom	Area m2	7.44	7.17	
				% of room		96.00%	YES
	R7	Residential	Bedroom	Area m2	11.76	10.92	
				% of room		93.00%	YES
	R8	Residential	Bedroom	Area m2	7.44	7.14	
				% of room		96.00%	YES
	R9	Residential	Living Room	Area m2	20.34	18.78	
				% of room		92.00%	YES
	R10	Residential	Living Room	Area m2	20.34	15.94	
				% of room		78.00%	NO
	R11	Residential	Living Room	Area m2	20.34	18.00	
				% of room		88.00%	YES
	R12	Residential	Living Room	Area m2	20.34	19.64	
				% of room		97.00%	YES
Second	R1	Residential	Bedroom	Area m2	14.74	14.50	
				% of room		98.00%	YES
	R2	Residential	Bedroom	Area m2	14.74	14.49	
				% of room		98.00%	YES
	R3	Residential	Bedroom	Area m2	14.74	14.48	
				% of room		98.00%	YES
	R4	Residential	Bedroom	Area m2	14.74	14.35	
				% of room		97.00%	YES
	R5	Residential	Bedroom	Area m2	12.73	11.06	
				% of room		87.00%	YES
	R6	Residential	Bedroom	Area m2	12.73	11.93	
				% of room		94.00%	YES
	R7	Residential	Bedroom	Area m2	12.73	12.40	
				% of room		97.00%	YES
	R8	Residential	Bedroom	Area m2	12.73	12.52	
				% of room		98.00%	YES
<b>Block G</b>							
Ground	R1	Residential	LKD	Area m2	40.45	40.02	
				% of room		99.00%	YES
	R2	Residential	LKD	Area m2	40.46	38.75	

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R3	Residential	LKD	% of room Area m2	40.46	96.00% 37.95	YES
	R4	Residential	LKD	% of room Area m2	40.46	94.00% 38.54	YES
	R5	Residential	LKD	% of room Area m2	40.46	95.00% 38.35	YES
	R6	Residential	LKD	% of room Area m2	40.46	95.00% 36.53	YES
	R7	Residential	LKD	% of room Area m2	40.46	90.00% 40.03	YES
				% of room Area m2		99.00%	YES
First	R1	Residential	Bedroom	Area m2	12.93	12.51	
				% of room		97.00%	YES
	R2	Residential	Bedroom	Area m2	5.79	4.95	
				% of room		86.00%	YES
	R3	Residential	Bedroom	Area m2	5.79	4.95	
				% of room		86.00%	YES
	R4	Residential	Bedroom	Area m2	12.93	12.50	
				% of room		97.00%	YES
	R5	Residential	Bedroom	Area m2	12.93	12.53	
				% of room		97.00%	YES
	R6	Residential	Bedroom	Area m2	5.79	4.96	
				% of room		86.00%	YES
	R7	Residential	Bedroom	Area m2	5.79	4.95	
				% of room		85.00%	YES
	R8	Residential	Bedroom	Area m2	12.93	12.51	
				% of room		97.00%	YES
	R9	Residential	Bedroom	Area m2	12.93	12.53	
				% of room		97.00%	YES
	R10	Residential	Bedroom	Area m2	5.79	4.96	
				% of room		86.00%	YES
	R11	Residential	Bedroom	Area m2	5.79	4.96	
				% of room		86.00%	YES
	R12	Residential	Bedroom	Area m2	12.93	12.52	
				% of room		97.00%	YES
	R13	Residential	Bedroom	Area m2	12.93	12.50	
				% of room		97.00%	YES
	R14	Residential	Bedroom	Area m2	5.79	4.97	
				% of room		86.00%	YES
	R15	Residential	Living Room	Area m2	20.64	20.31	
				% of room		98.00%	YES
	R16	Residential	Living Room	Area m2	20.65	17.86	
				% of room		87.00%	YES
	R17	Residential	Living Room	Area m2	20.65	19.98	
				% of room		97.00%	YES
	R18	Residential	Living Room	Area m2	20.65	20.29	
				% of room		98.00%	YES
	R19	Residential	Living Room	Area m2	20.64	20.22	
				% of room		98.00%	YES
	R20	Residential	Living Room	Area m2	20.65	18.80	
				% of room		91.00%	YES
	R21	Residential	Living Room	Area m2	20.64	20.27	

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				% of room		98.00%	YES
Second	R1	Residential	Bedroom	Area m2	12.02	11.88	
				% of room		99.00%	YES
	R2	Residential	Bedroom	Area m2	12.13	11.96	
				% of room		99.00%	YES
	R3	Residential	Bedroom	Area m2	12.07	11.91	
				% of room		99.00%	YES
	R4	Residential	Bedroom	Area m2	12.08	11.93	
				% of room		99.00%	YES
	R5	Residential	Bedroom	Area m2	12.12	11.95	
				% of room		99.00%	YES
	R6	Residential	Bedroom	Area m2	12.04	11.90	
				% of room		99.00%	YES
	R7	Residential	Bedroom	Area m2	12.17	11.99	
				% of room		99.00%	YES
	R8	Residential	Bedroom	Area m2	16.96	11.47	
				% of room		68.00%	NO
	R9	Residential	Bedroom	Area m2	16.96	10.14	
				% of room		60.00%	NO
	R10	Residential	Bedroom	Area m2	16.96	15.80	
				% of room		93.00%	YES
	R11	Residential	Bedroom	Area m2	16.96	15.85	
				% of room		93.00%	YES
	R12	Residential	Bedroom	Area m2	16.96	15.88	
				% of room		94.00%	YES
	R13	Residential	Bedroom	Area m2	16.96	15.95	
				% of room		94.00%	YES
	R14	Residential	Bedroom	Area m2	16.96	16.35	
				% of room		96.00%	YES
<b>Block H</b>							
Ground	R1	Residential	LKD	Area m2	33.37	28.34	
				% of room		85.00%	YES
	R2	Residential	LKD	Area m2	33.37	23.12	
				% of room		69.00%	NO
	R3	Residential	LKD	Area m2	33.37	24.71	
				% of room		74.00%	NO
	R4	Residential	LKD	Area m2	33.37	22.80	
				% of room		68.00%	NO
First	R1	Residential	Bedroom	Area m2	13.73	11.15	
				% of room		81.00%	YES
	R2	Residential	Bedroom	Area m2	7.66	5.50	
				% of room		72.00%	NO
	R3	Residential	Bedroom	Area m2	13.73	6.95	
				% of room		51.00%	NO
	R4	Residential	Bedroom	Area m2	7.66	4.56	
				% of room		60.00%	NO
	R5	Residential	Bedroom	Area m2	13.73	5.63	
				% of room		41.00%	NO
	R6	Residential	Bedroom	Area m2	7.66	4.57	
				% of room		60.00%	NO

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R7	Residential	Bedroom	Area m2	13.73	6.44	
				% of room		47.00%	NO
	R8	Residential	Bedroom	Area m2	7.66	5.88	
				% of room		77.00%	NO
	R9	Residential	Living Room	Area m2	21.47	20.73	
				% of room		97.00%	YES
	R10	Residential	Living Room	Area m2	21.47	21.12	
				% of room		98.00%	YES
	R11	Residential	Living Room	Area m2	21.47	21.20	
				% of room		99.00%	YES
	R12	Residential	Living Room	Area m2	21.47	21.18	
				% of room		99.00%	YES
Second	R1	Residential	Bedroom	Area m2	14.48	13.29	
				% of room		92.00%	YES
	R2	Residential	Bedroom	Area m2	14.48	11.58	
				% of room		80.00%	YES
	R3	Residential	Bedroom	Area m2	14.48	10.96	
				% of room		76.00%	NO
	R4	Residential	Bedroom	Area m2	14.48	11.15	
				% of room		77.00%	NO
	R5	Residential	Bedroom	Area m2	16.79	16.29	
				% of room		97.00%	YES
	R6	Residential	Bedroom	Area m2	16.79	16.46	
				% of room		98.00%	YES
	R7	Residential	Bedroom	Area m2	16.79	16.48	
				% of room		98.00%	YES
	R8	Residential	Bedroom	Area m2	16.79	16.47	
				% of room		98.00%	YES
Third	R1	Residential	Bedroom	Area m2	10.93	10.53	
				% of room		96.00%	YES
	R2	Residential	Bedroom	Area m2	10.93	10.58	
				% of room		97.00%	YES
	R3	Residential	Bedroom	Area m2	10.93	10.51	
				% of room		96.00%	YES
	R4	Residential	Bedroom	Area m2	10.93	10.54	
				% of room		96.00%	YES
	R5	Residential	Living Room	Area m2	11.95	11.90	
				% of room		100.00%	YES
	R6	Residential	Living Room	Area m2	11.95	11.86	
				% of room		99.00%	YES
	R7	Residential	Living Room	Area m2	11.95	11.88	
				% of room		99.00%	YES
	R8	Residential	Living Room	Area m2	11.95	11.84	
				% of room		99.00%	YES
<b>Block I</b>							
Ground	R1	Residential	Bedroom	Area m2	9.74	9.19	
				% of room		94.00%	YES
	R2	Residential	LKD	Area m2	27.00	24.82	
				% of room		92.00%	YES
	R3	Residential	LKD	Area m2	24.70	21.78	

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R4	Residential	Bedroom	% of room Area m2	14.24	88.00% 14.18	YES
	R5	Residential	Bedroom	% of room Area m2	12.70	100.00% 12.54	YES
	R6	Residential	Bedroom	% of room Area m2	11.80	99.00% 11.79	YES
	R7	Residential	LKD	% of room Area m2	29.96	100.00% 22.06	YES
	R8	Residential	LKD	% of room Area m2	27.00	74.00% 25.01	NO
	R9	Residential	Bedroom	% of room Area m2	9.74	93.00% 9.20	YES
	R10	Residential	Bedroom	% of room Area m2	14.45	94.00% 11.94	YES
	R11	Residential	Bedroom	% of room Area m2	13.44	83.00% 9.10	YES
	R12	Residential	Bedroom	% of room Area m2	12.01	68.00% 8.54	NO
	R13	Residential	LKD	% of room Area m2	25.02	71.00% 11.36	NO
	R14	Residential	Bedroom	% of room Area m2	14.45	45.00% 13.54	NO
				% of room Area m2		94.00% 9.19	YES
First	R1	Residential	Bedroom	Area m2	9.74	9.19	
	R2	Residential	LKD	% of room Area m2	27.00	94.00% 24.93	YES
	R3	Residential	LKD	% of room Area m2	24.70	92.00% 23.32	YES
	R4	Residential	Bedroom	% of room Area m2	14.24	94.00% 14.19	YES
	R5	Residential	LKD	% of room Area m2	25.83	100.00% 25.50	YES
	R6	Residential	Bedroom	% of room Area m2	13.91	99.00% 13.79	YES
	R7	Residential	Bedroom	% of room Area m2	14.24	99.00% 14.24	YES
	R8	Residential	LKD	% of room Area m2	24.70	100.00% 23.72	YES
	R9	Residential	LKD	% of room Area m2	27.00	96.00% 25.25	YES
	R10	Residential	Bedroom	% of room Area m2	7.91	94.00% 7.87	YES
	R11	Residential	Bedroom	% of room Area m2	14.45	99.00% 13.05	YES
	R12	Residential	LKD	% of room Area m2	25.02	90.00% 18.39	YES
	R13	Residential	Bedroom	% of room Area m2	12.01	73.00% 9.95	NO
	R14	Residential	Bedroom	% of room Area m2	13.44	83.00% 10.14	YES
	R15	Residential	Bedroom	% of room Area m2	13.44	75.00% 10.01	NO

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R16	Residential	Bedroom	% of room Area m2	12.01	74.00% 9.80	NO
	R17	Residential	LKD	% of room Area m2	25.02	82.00% 13.17	YES
	R18	Residential	Bedroom	% of room Area m2	14.45	53.00% 13.81	NO
				% of room		96.00%	YES
Second	R1	Residential	Bedroom	Area m2	9.71	9.17	
				% of room		94.00%	YES
	R2	Residential	LKD	Area m2	27.03	25.95	
				% of room		96.00%	YES
	R3	Residential	LKD	Area m2	24.70	24.69	
				% of room		100.00%	YES
	R4	Residential	Bedroom	Area m2	14.24	14.23	
				% of room		100.00%	YES
	R5	Residential	LKD	Area m2	25.83	25.56	
				% of room		99.00%	YES
	R6	Residential	Bedroom	Area m2	13.91	13.79	
				% of room		99.00%	YES
	R7	Residential	Bedroom	Area m2	14.24	14.24	
				% of room		100.00%	YES
	R8	Residential	LKD	Area m2	24.70	24.69	
				% of room		100.00%	YES
	R9	Residential	LKD	Area m2	27.00	26.20	
				% of room		97.00%	YES
	R10	Residential	Bedroom	Area m2	9.74	9.73	
				% of room		100.00%	YES
	R11	Residential	Bedroom	Area m2	14.45	13.42	
				% of room		93.00%	YES
	R12	Residential	LKD	Area m2	25.02	19.06	
				% of room		76.00%	NO
	R13	Residential	Bedroom	Area m2	12.01	10.97	
				% of room		91.00%	YES
	R14	Residential	Bedroom	Area m2	13.44	11.22	
				% of room		83.00%	YES
	R15	Residential	Bedroom	Area m2	13.44	11.79	
				% of room		88.00%	YES
	R16	Residential	Bedroom	Area m2	12.01	11.49	
				% of room		96.00%	YES
	R17	Residential	LKD	Area m2	25.02	15.46	
				% of room		62.00%	NO
	R18	Residential	Bedroom	Area m2	14.45	13.84	
				% of room		96.00%	YES
Third	R1	Residential	LKD	Area m2	26.56	26.28	
				% of room		99.00%	YES
	R2	Residential	Bedroom	Area m2	10.76	10.54	
				% of room		98.00%	YES
	R3	Residential	LKD	Area m2	24.70	24.70	
				% of room		100.00%	YES
	R4	Residential	Bedroom	Area m2	14.24	14.24	
				% of room		100.00%	YES
	R5	Residential	LKD	Area m2	25.83	25.58	



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	R6	Residential	Bedroom	% of room Area m2	13.91	99.00% 13.79	YES
	R7	Residential	Bedroom	% of room Area m2	14.24	99.00% 14.24	YES
	R8	Residential	LKD	% of room Area m2	24.70	100.00% 24.69	YES
	R9	Residential	Bedroom	% of room Area m2	10.78	100.00% 10.56	YES
	R10	Residential	LKD	% of room Area m2	26.53	98.00% 26.27	YES
	R11	Residential	Bedroom	% of room Area m2	14.32	99.00% 14.08	YES
	R12	Residential	LKD	% of room Area m2	25.02	98.00% 20.28	YES
	R13	Residential	Bedroom	% of room Area m2	12.01	81.00% 11.52	YES
	R14	Residential	Bedroom	% of room Area m2	13.44	96.00% 12.67	YES
	R15	Residential	Bedroom	% of room Area m2	13.44	94.00% 13.09	YES
	R16	Residential	Bedroom	% of room Area m2	12.01	97.00% 11.49	YES
	R17	Residential	LKD	% of room Area m2	25.02	96.00% 22.88	YES
	R18	Residential	Bedroom	% of room Area m2	14.34	91.00% 14.16	YES
				% of room Area m2		99.00%	YES
Fourth	R1	Residential	LKD	Area m2	26.56	26.52	
	R2	Residential	Bedroom	% of room Area m2	10.76	100.00% 10.57	YES
	R3	Residential	LKD	% of room Area m2	24.70	98.00% 24.70	YES
	R4	Residential	Bedroom	% of room Area m2	14.24	100.00% 14.24	YES
	R5	Residential	LKD	% of room Area m2	25.83	100.00% 25.58	YES
	R6	Residential	Bedroom	% of room Area m2	13.91	99.00% 13.79	YES
	R7	Residential	Bedroom	% of room Area m2	14.24	99.00% 14.24	YES
	R8	Residential	LKD	% of room Area m2	24.70	100.00% 24.69	YES
	R9	Residential	Bedroom	% of room Area m2	10.79	100.00% 10.61	YES
	R10	Residential	LKD	% of room Area m2	26.58	98.00% 26.52	YES
	R11	Residential	Bedroom	% of room Area m2	14.30	100.00% 14.13	YES
	R12	Residential	LKD	% of room Area m2	25.02	99.00% 24.02	YES
	R13	Residential	Bedroom	% of room Area m2	12.01	96.00% 11.52	YES

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	R14	Residential	Bedroom	% of room Area m2	13.44	96.00% 13.10	YES
	R15	Residential	Bedroom	% of room Area m2	13.44	97.00% 13.09	YES
	R16	Residential	Bedroom	% of room Area m2	12.01	97.00% 11.49	YES
	R17	Residential	LKD	% of room Area m2	25.02	96.00% 24.94	YES
	R18	Residential	Bedroom	% of room Area m2	14.34	100.00% 14.16	YES
				% of room Area m2		99.00%	YES
Fifth	R1	Residential	LKD	Area m2	25.32	25.32	
	R2	Residential	Bedroom	% of room Area m2	14.27	100.00% 14.27	YES
	R3	Residential	Bedroom	% of room Area m2	11.59	100.00% 11.52	YES
	R4	Residential	LKD	% of room Area m2	24.61	99.00% 24.55	YES
	R5	Residential	Bedroom	% of room Area m2	13.03	100.00% 13.03	YES
	R6	Residential	Bedroom	% of room Area m2	11.61	100.00% 11.61	YES
	R7	Residential	LKD	% of room Area m2	29.99	100.00% 29.99	YES
	R8	Residential	LKD	% of room Area m2	26.21	100.00% 26.21	YES
	R9	Residential	Bedroom	% of room Area m2	14.15	100.00% 13.99	YES
	R10	Residential	Bedroom	% of room Area m2	12.81	99.00% 12.58	YES
	R11	Residential	LKD	% of room Area m2	25.31	98.00% 25.30	YES
				% of room Area m2		100.00%	YES
<b>Block J</b>							
Ground	R1	Residential	LKD	Area m2	33.37	31.16	
	R2	Residential	LKD	% of room Area m2	33.37	93.00% 27.88	YES
	R3	Residential	LKD	% of room Area m2	33.37	84.00% 20.31	YES
	R4	Residential	LKD	% of room Area m2	33.37	61.00% 26.51	NO
				% of room Area m2		79.00%	NO
First	R1	Residential	Living Room	Area m2	21.47	21.17	
	R2	Residential	Living Room	% of room Area m2	21.47	99.00% 21.14	YES
	R3	Residential	Living Room	% of room Area m2	21.47	98.00% 21.08	YES
	R4	Residential	Living Room	% of room Area m2	21.47	98.00% 20.69	YES
				% of room Area m2		96.00%	YES

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	R5	Residential	Bedroom	Area m2	13.73	10.31	
				% of room		75.00%	NO
	R6	Residential	Bedroom	Area m2	7.66	5.07	
				% of room		66.00%	NO
	R7	Residential	Bedroom	Area m2	13.73	5.76	
				% of room		42.00%	NO
	R8	Residential	Bedroom	Area m2	7.66	4.57	
				% of room		60.00%	NO
	R9	Residential	Bedroom	Area m2	13.73	5.69	
				% of room		41.00%	NO
	R10	Residential	Bedroom	Area m2	7.66	4.68	
				% of room		61.00%	NO
	R11	Residential	Bedroom	Area m2	13.73	8.09	
				% of room		59.00%	NO
	R12	Residential	Bedroom	Area m2	7.66	6.01	
				% of room		79.00%	NO
Second	R1	Residential	Bedroom	Area m2	16.79	16.47	
				% of room		98.00%	YES
	R2	Residential	Bedroom	Area m2	16.79	16.43	
				% of room		98.00%	YES
	R3	Residential	Bedroom	Area m2	16.79	16.38	
				% of room		98.00%	YES
	R4	Residential	Bedroom	Area m2	16.79	15.78	
				% of room		94.00%	YES
	R5	Residential	Bedroom	Area m2	14.48	12.27	
				% of room		85.00%	YES
	R6	Residential	Bedroom	Area m2	14.48	10.91	
				% of room		75.00%	NO
	R7	Residential	Bedroom	Area m2	14.48	10.91	
				% of room		75.00%	NO
	R8	Residential	Bedroom	Area m2	14.48	11.76	
				% of room		81.00%	YES
Third	R1	Residential	Living Room	Area m2	11.95	11.86	
				% of room		99.00%	YES
	R2	Residential	Living Room	Area m2	11.95	11.84	
				% of room		99.00%	YES
	R3	Residential	Living Room	Area m2	11.95	11.84	
				% of room		99.00%	YES
	R4	Residential	Living Room	Area m2	12.23	12.12	
				% of room		99.00%	YES
	R5	Residential	Bedroom	Area m2	10.64	10.24	
				% of room		96.00%	YES
	R6	Residential	Bedroom	Area m2	10.93	10.58	
				% of room		97.00%	YES
	R7	Residential	Bedroom	Area m2	10.93	10.53	
				% of room		96.00%	YES
	R8	Residential	Bedroom	Area m2	10.93	10.53	
				% of room		96.00%	YES
<b>Block K</b>							
Ground	R1	Residential	LKD	Area m2	40.46	39.84	

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	R2	Residential	LKD	% of room Area m2	40.43	98.00% 36.76	YES
	R3	Residential	LKD	% of room Area m2	40.46	91.00% 39.82	YES
	R4	Residential	LKD	% of room Area m2	40.44	98.00% 38.65	YES
	R5	Residential	LKD	% of room Area m2	40.46	96.00% 37.92	YES
	R6	Residential	LKD	% of room Area m2	40.52	94.00% 37.89	YES
	R7	Residential	LKD	% of room Area m2	40.46	93.00% 38.85	YES
				% of room Area m2		96.00%	YES
First	R1	Residential	Bedroom	Area m2	5.79	4.98	
				% of room		86.00%	YES
	R2	Residential	Bedroom	Area m2	12.93	12.51	
				% of room		97.00%	YES
	R3	Residential	Bedroom	Area m2	12.93	12.53	
				% of room		97.00%	YES
	R4	Residential	Bedroom	Area m2	5.79	4.96	
				% of room		86.00%	YES
	R5	Residential	Bedroom	Area m2	5.79	4.95	
				% of room		86.00%	YES
	R6	Residential	Bedroom	Area m2	12.93	12.51	
				% of room		97.00%	YES
	R7	Residential	Bedroom	Area m2	12.93	12.51	
				% of room		97.00%	YES
	R8	Residential	Bedroom	Area m2	5.79	4.96	
				% of room		86.00%	YES
	R9	Residential	Bedroom	Area m2	5.79	4.97	
				% of room		86.00%	YES
	R10	Residential	Bedroom	Area m2	12.93	12.51	
				% of room		97.00%	YES
	R11	Residential	Bedroom	Area m2	12.93	12.51	
				% of room		97.00%	YES
	R12	Residential	Bedroom	Area m2	5.79	4.96	
				% of room		86.00%	YES
	R13	Residential	Bedroom	Area m2	5.79	4.95	
				% of room		86.00%	YES
	R14	Residential	Bedroom	Area m2	12.93	12.53	
				% of room		97.00%	YES
	R15	Residential	Living Room	Area m2	20.65	19.71	
				% of room		95.00%	YES
	R16	Residential	Living Room	Area m2	20.64	18.62	
				% of room		90.00%	YES
	R17	Residential	Living Room	Area m2	20.65	20.24	
				% of room		98.00%	YES
	R18	Residential	Living Room	Area m2	20.64	20.29	
				% of room		98.00%	YES
	R19	Residential	Living Room	Area m2	20.65	19.94	
				% of room		97.00%	YES
	R20	Residential	Living Room	Area m2	20.64	17.94	

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	R21	Residential	Living Room	% of room Area m2 % of room	20.65	87.00% 20.28 98.00%	YES YES
Second	R1	Residential	Bedroom	Area m2 % of room	12.17	11.97 98.00%	YES
	R2	Residential	Bedroom	Area m2 % of room	12.04	11.89 99.00%	YES
	R3	Residential	Bedroom	Area m2 % of room	12.12	11.94 99.00%	YES
	R4	Residential	Bedroom	Area m2 % of room	12.08	11.92 99.00%	YES
	R5	Residential	Bedroom	Area m2 % of room	12.07	11.93 99.00%	YES
	R6	Residential	Bedroom	Area m2 % of room	12.13	11.94 98.00%	YES
	R7	Residential	Bedroom	Area m2 % of room	12.02	11.88 99.00%	YES
	R8	Residential	Bedroom	Area m2 % of room	16.96	16.33 96.00%	YES
	R9	Residential	Bedroom	Area m2 % of room	16.96	15.93 94.00%	YES
	R10	Residential	Bedroom	Area m2 % of room	16.96	15.89 94.00%	YES
	R11	Residential	Bedroom	Area m2 % of room	16.96	15.82 93.00%	YES
	R12	Residential	Bedroom	Area m2 % of room	16.96	15.83 93.00%	YES
	R13	Residential	Bedroom	Area m2 % of room	16.96	10.17 60.00%	NO
	R14	Residential	Bedroom	Area m2 % of room	16.96	11.59 68.00%	NO
<b>Block L</b>							
Ground	R1	Residential	LKD	Area m2 % of room	31.01	23.77 77.00%	NO
	R2	Residential	LKD	Area m2 % of room	31.01	20.29 65.00%	NO
	R3	Residential	LKD	Area m2 % of room	31.01	24.27 78.00%	NO
	R4	Residential	LKD	Area m2 % of room	31.01	27.17 88.00%	YES
First	R1	Residential	Living Room	Area m2 % of room	20.34	19.03 94.00%	YES
	R2	Residential	Living Room	Area m2 % of room	20.36	16.55 81.00%	YES
	R3	Residential	Living Room	Area m2 % of room	20.34	14.16 70.00%	NO
	R4	Residential	Living Room	Area m2 % of room	20.34	14.93 73.00%	NO
	R5	Residential	Bedroom	Area m2 % of room	7.44	7.14 96.00%	YES

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	R6	Residential	Bedroom	Area m2	11.76	10.86	
				% of room		92.00%	YES
	R7	Residential	Bedroom	Area m2	7.44	7.18	
				% of room		96.00%	YES
	R8	Residential	Bedroom	Area m2	11.76	10.74	
				% of room		91.00%	YES
	R9	Residential	Bedroom	Area m2	7.44	7.16	
				% of room		96.00%	YES
	R10	Residential	Bedroom	Area m2	11.76	10.93	
				% of room		93.00%	YES
	R11	Residential	Bedroom	Area m2	7.44	7.15	
				% of room		96.00%	YES
	R12	Residential	Bedroom	Area m2	11.76	11.24	
				% of room		96.00%	YES
Second	R1	Residential	Bedroom	Area m2	12.73	12.44	
				% of room		98.00%	YES
	R2	Residential	Bedroom	Area m2	12.73	11.78	
				% of room		93.00%	YES
	R3	Residential	Bedroom	Area m2	12.73	10.91	
				% of room		86.00%	YES
	R4	Residential	Bedroom	Area m2	12.73	11.09	
				% of room		87.00%	YES
	R5	Residential	Bedroom	Area m2	14.74	14.36	
				% of room		97.00%	YES
	R6	Residential	Bedroom	Area m2	14.74	14.48	
				% of room		98.00%	YES
	R7	Residential	Bedroom	Area m2	14.74	14.49	
				% of room		98.00%	YES
	R8	Residential	Bedroom	Area m2	14.74	14.51	
				% of room		98.00%	YES
<b>Block M</b>							
Ground	R1	Residential	LKD	Area m2	22.88	21.40	
				% of room		94.00%	YES
	R2	Residential	LKD	Area m2	22.88	22.24	
				% of room		97.00%	YES
	R3	Residential	LKD	Area m2	27.02	26.65	
				% of room		99.00%	YES
	R4	Residential	Bedroom	Area m2	8.50	7.99	
				% of room		94.00%	YES
	R5	Residential	Bedroom	Area m2	13.96	13.22	
				% of room		95.00%	YES
	R6	Residential	LKD	Area m2	28.80	28.59	
				% of room		99.00%	YES
	R7	Residential	Bedroom	Area m2	12.07	8.02	
				% of room		66.00%	NO
	R8	Residential	Bedroom	Area m2	13.40	5.47	
				% of room		41.00%	NO
	R9	Residential	LKD	Area m2	25.56	12.74	
				% of room		50.00%	NO
	R10	Residential	Bedroom	Area m2	12.39	8.84	

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	R11	Residential	Bedroom	% of room	13.09	71.00%	NO
				Area m2		9.13	
	R12	Residential	Bedroom	% of room	13.09	70.00%	NO
				Area m2		9.49	
	R13	Residential	Bedroom	% of room	19.76	73.00%	NO
				Area m2		18.22	
	R14	Residential	LKD	% of room	33.04	92.00%	YES
				Area m2		32.15	
	R15	Residential	Bedroom	% of room	13.76	97.00%	YES
				Area m2		10.89	
	R16	Residential	Bedroom	% of room	8.97	79.00%	NO
				Area m2		7.39	
				% of room		82.00%	YES
First	R1	Residential	Living Room	Area m2	13.43	13.39	
				% of room		100.00%	YES
	R2	Residential	Kitchen	Area m2	9.34	5.10	
				% of room		55.00%	NO
	R3	Residential	LKD	Area m2	22.88	21.70	
				% of room		95.00%	YES
	R4	Residential	LKD	Area m2	22.88	22.58	
				% of room		99.00%	YES
	R5	Residential	LKD	Area m2	22.44	22.21	
				% of room		99.00%	YES
	R6	Residential	Bedroom	Area m2	15.52	12.81	
				% of room		83.00%	YES
	R7	Residential	LKD	Area m2	27.02	26.65	
				% of room		99.00%	YES
	R8	Residential	Bedroom	Area m2	8.50	8.01	
				% of room		94.00%	YES
	R9	Residential	Bedroom	Area m2	13.96	13.23	
				% of room		95.00%	YES
	R10	Residential	LKD	Area m2	28.80	28.57	
				% of room		99.00%	YES
	R11	Residential	Bedroom	Area m2	12.07	9.16	
				% of room		76.00%	NO
	R12	Residential	Bedroom	Area m2	13.40	7.46	
				% of room		56.00%	NO
	R13	Residential	Bedroom	Area m2	12.24	4.56	
				% of room		37.00%	NO
	R14	Residential	LKD	Area m2	25.85	11.70	
				% of room		45.00%	NO
	R15	Residential	LKD	Area m2	25.56	14.39	
				% of room		56.00%	NO
	R16	Residential	Bedroom	Area m2	12.39	9.02	
				% of room		73.00%	NO
	R17	Residential	Bedroom	Area m2	13.09	10.19	
				% of room		78.00%	NO
	R18	Residential	Bedroom	Area m2	13.09	11.08	
				% of room		85.00%	YES
	R19	Residential	Bedroom	Area m2	12.39	11.88	
				% of room		96.00%	YES
	R20	Residential	LKD	Area m2	25.56	24.39	

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	R21	Residential	Kitchen	% of room Area m2	9.34	95.00% 7.54	YES
	R22	Residential	Living Room	% of room Area m2	13.43	81.00% 13.18	YES
	R23	Residential	Bedroom	% of room Area m2	12.18	98.00% 10.66	YES
	R24	Residential	Bedroom	% of room Area m2	12.18	88.00% 10.58	YES
				% of room Area m2		87.00%	YES
Second	R1	Residential	Living Room	Area m2	13.43	13.39	
				% of room Area m2		100.00%	YES
	R2	Residential	Kitchen	Area m2	9.34	6.81	
				% of room Area m2		73.00%	NO
	R3	Residential	LKD	Area m2	22.88	22.63	
				% of room Area m2		99.00%	YES
	R4	Residential	LKD	Area m2	22.88	22.73	
				% of room Area m2		99.00%	YES
	R5	Residential	LKD	Area m2	22.44	22.21	
				% of room Area m2		99.00%	YES
	R6	Residential	Bedroom	Area m2	15.52	13.88	
				% of room Area m2		89.00%	YES
	R7	Residential	LKD	Area m2	31.40	31.27	
				% of room Area m2		100.00%	YES
	R8	Residential	Bedroom	Area m2	11.80	11.29	
				% of room Area m2		96.00%	YES
	R9	Residential	Bedroom	Area m2	12.71	12.19	
				% of room Area m2		96.00%	YES
	R10	Residential	LKD	Area m2	28.80	28.57	
				% of room Area m2		99.00%	YES
	R11	Residential	Bedroom	Area m2	12.07	11.14	
				% of room Area m2		92.00%	YES
	R12	Residential	Bedroom	Area m2	13.40	9.80	
				% of room Area m2		73.00%	NO
	R13	Residential	Bedroom	Area m2	12.24	5.74	
				% of room Area m2		47.00%	NO
	R14	Residential	LKD	Area m2	25.85	12.27	
				% of room Area m2		47.00%	NO
	R15	Residential	LKD	Area m2	25.56	16.24	
				% of room Area m2		64.00%	NO
	R16	Residential	Bedroom	Area m2	12.39	9.60	
				% of room Area m2		77.00%	NO
	R17	Residential	Bedroom	Area m2	13.09	11.45	
				% of room Area m2		88.00%	YES
	R18	Residential	Bedroom	Area m2	13.09	12.23	
				% of room Area m2		93.00%	YES
	R19	Residential	Bedroom	Area m2	12.39	12.24	
				% of room Area m2		99.00%	YES
	R20	Residential	LKD	Area m2	25.56	24.60	
				% of room Area m2		96.00%	YES
	R21	Residential	Kitchen	Area m2	9.34	8.41	
				% of room Area m2		90.00%	YES
	R22	Residential	Living Room	Area m2	13.43	13.19	



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	R23	Residential	Bedroom	% of room Area m2	12.18	98.00% 11.05	YES
	R24	Residential	Bedroom	% of room Area m2	12.18	91.00% 10.98	YES
				% of room		90.00%	YES
Third	R1	Residential	Living Room	Area m2	13.43	13.41	
				% of room		100.00%	YES
	R2	Residential	Kitchen	Area m2	9.34	9.13	
				% of room		98.00%	YES
	R3	Residential	LKD	Area m2	22.88	22.73	
				% of room		99.00%	YES
	R4	Residential	LKD	Area m2	22.88	22.73	
				% of room		99.00%	YES
	R5	Residential	LKD	Area m2	22.44	22.21	
				% of room		99.00%	YES
	R6	Residential	Bedroom	Area m2	15.52	15.35	
				% of room		99.00%	YES
	R7	Residential	LKD	Area m2	31.40	31.38	
				% of room		100.00%	YES
	R8	Residential	Bedroom	Area m2	11.80	11.28	
				% of room		96.00%	YES
	R9	Residential	Bedroom	Area m2	12.71	12.19	
				% of room		96.00%	YES
	R10	Residential	LKD	Area m2	28.80	28.59	
				% of room		99.00%	YES
	R11	Residential	Bedroom	Area m2	12.07	11.48	
				% of room		95.00%	YES
	R12	Residential	Bedroom	Area m2	13.40	12.91	
				% of room		96.00%	YES
	R13	Residential	Bedroom	Area m2	12.24	8.95	
				% of room		73.00%	NO
	R14	Residential	LKD	Area m2	25.85	14.90	
				% of room		58.00%	NO
	R15	Residential	LKD	Area m2	25.56	19.03	
				% of room		74.00%	NO
	R16	Residential	Bedroom	Area m2	12.39	11.03	
				% of room		89.00%	YES
	R17	Residential	Bedroom	Area m2	13.09	11.87	
				% of room		91.00%	YES
	R18	Residential	Bedroom	Area m2	13.09	12.34	
				% of room		94.00%	YES
	R19	Residential	Bedroom	Area m2	12.39	12.30	
				% of room		99.00%	YES
	R20	Residential	LKD	Area m2	25.56	25.31	
				% of room		99.00%	YES
	R21	Residential	Kitchen	Area m2	9.34	9.01	
				% of room		97.00%	YES
	R22	Residential	Living Room	Area m2	13.43	13.36	
				% of room		99.00%	YES
	R23	Residential	Bedroom	Area m2	12.18	11.46	
				% of room		94.00%	YES
	R24	Residential	Bedroom	Area m2	12.18	11.43	

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				% of room		94.00%	YES
Fourth	R1	Residential	Living Room	Area m2	13.43	13.41	
				% of room		100.00%	YES
	R2	Residential	Kitchen	Area m2	9.34	9.13	
				% of room		98.00%	YES
	R3	Residential	LKD	Area m2	22.88	22.73	
				% of room		99.00%	YES
	R4	Residential	LKD	Area m2	22.88	22.73	
				% of room		99.00%	YES
	R5	Residential	LKD	Area m2	22.44	22.21	
				% of room		99.00%	YES
	R6	Residential	Bedroom	Area m2	15.52	15.35	
				% of room		99.00%	YES
	R7	Residential	LKD	Area m2	31.40	31.38	
				% of room		100.00%	YES
	R8	Residential	Bedroom	Area m2	11.80	11.27	
				% of room		96.00%	YES
	R9	Residential	Bedroom	Area m2	12.71	12.26	
				% of room		96.00%	YES
	R10	Residential	LKD	Area m2	28.80	28.73	
				% of room		100.00%	YES
	R11	Residential	Bedroom	Area m2	12.07	11.48	
				% of room		95.00%	YES
	R12	Residential	Bedroom	Area m2	13.40	12.93	
				% of room		96.00%	YES
R13	Residential	Bedroom	Area m2	12.24	12.13		
			% of room		99.00%	YES	
R14	Residential	LKD	Area m2	25.85	21.66		
			% of room		84.00%	YES	
R15	Residential	LKD	Area m2	25.56	22.67		
			% of room		89.00%	YES	
R16	Residential	Bedroom	Area m2	12.39	12.28		
			% of room		99.00%	YES	
R17	Residential	Bedroom	Area m2	13.09	11.97		
			% of room		91.00%	YES	
R18	Residential	Bedroom	Area m2	13.09	12.36		
			% of room		94.00%	YES	
R19	Residential	Bedroom	Area m2	12.39	12.30		
			% of room		99.00%	YES	
R20	Residential	LKD	Area m2	25.56	25.55		
			% of room		100.00%	YES	
R21	Residential	Kitchen	Area m2	9.34	9.08		
			% of room		97.00%	YES	
R22	Residential	Living Room	Area m2	13.43	13.42		
			% of room		100.00%	YES	
R23	Residential	Bedroom	Area m2	12.18	11.46		
			% of room		94.00%	YES	
R24	Residential	Bedroom	Area m2	12.18	11.43		
			% of room		94.00%	YES	
Fifth	R1	Residential	LKD	Area m2	22.90	22.88	
				% of room		100.00%	YES
	R2	Residential	Bedroom	Area m2	13.07	12.98	

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	R3	Residential	LKD	% of room Area m2	24.28	99.00% 24.21	YES
	R4	Residential	Bedroom	% of room Area m2	12.86	100.00% 12.47	YES
	R5	Residential	Bedroom	% of room Area m2	9.50	97.00% 9.23	YES
	R6	Residential	Bedroom	% of room Area m2	11.51	97.00% 11.47	YES
	R7	Residential	Kitchen	% of room Area m2	7.45	100.00% 7.20	YES
	R8	Residential	LD	% of room Area m2	22.94	97.00% 22.84	YES
	R9	Residential	Bedroom	% of room Area m2	11.74	100.00% 11.44	YES
	R10	Residential	Bedroom	% of room Area m2	12.52	97.00% 12.50	YES
	R11	Residential	Bedroom	% of room Area m2	9.58	100.00% 9.31	YES
	R12	Residential	Bedroom	% of room Area m2	12.35	97.00% 12.33	YES
	R13	Residential	LKD	% of room Area m2	24.19	100.00% 24.11	YES
	R14	Residential	LKD	% of room Area m2	29.41	100.00% 29.18	YES
	R15	Residential	Bedroom	% of room Area m2	12.38	99.00% 12.03	YES
	R16	Residential	Bedroom	% of room Area m2	12.97	97.00% 12.44	YES
	R17	Residential	LKD	% of room Area m2	29.44	96.00% 29.38	YES
	R18	Residential	Bedroom	% of room Area m2	13.87	100.00% 13.85	YES
				% of room		100.00%	YES
<b>Block N</b>							
Ground	R1	Residential	LKD	Area m2	21.85	19.18	
				% of room		88.00%	YES
	R2	Residential	Bedroom	Area m2	12.14	5.80	
				% of room		48.00%	NO
	R3	Residential	Bedroom	Area m2	12.45	8.34	
				% of room		67.00%	NO
	R4	Residential	KD	Area m2	10.45	6.41	
				% of room		61.00%	NO
	R5	Residential	Living Room	Area m2	13.19	6.97	
				% of room		53.00%	NO
	R6	Residential	Bedroom	Area m2	12.14	9.29	
				% of room		77.00%	NO
	R7	Residential	LKD	Area m2	21.85	20.14	
				% of room		92.00%	YES
First	R1	Residential	LKD	Area m2	20.35	19.99	
				% of room		98.00%	YES

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	R2	Residential	LKD	Area m2	21.85	19.50	
				% of room		89.00%	YES
	R3	Residential	Bedroom	Area m2	12.14	7.04	
				% of room		58.00%	NO
	R4	Residential	Bedroom	Area m2	12.45	9.60	
				% of room		77.00%	NO
	R5	Residential	KD	Area m2	10.45	8.04	
				% of room		77.00%	NO
	R6	Residential	Living Room	Area m2	13.19	7.99	
				% of room		61.00%	NO
	R7	Residential	Bedroom	Area m2	12.14	9.85	
				% of room		81.00%	YES
	R8	Residential	LKD	Area m2	21.85	20.43	
				% of room		94.00%	YES
	R9	Residential	LKD	Area m2	20.35	18.79	
				% of room		92.00%	YES
	R10	Residential	Bedroom	Area m2	13.68	13.35	
				% of room		98.00%	YES
	R11	Residential	Bedroom	Area m2	13.68	13.67	
				% of room		100.00%	YES
Second	R1	Residential	LKD	Area m2	20.35	20.23	
				% of room		99.00%	YES
	R2	Residential	LKD	Area m2	21.85	20.47	
				% of room		94.00%	YES
	R3	Residential	Bedroom	Area m2	12.14	11.48	
				% of room		95.00%	YES
	R4	Residential	Bedroom	Area m2	12.45	12.24	
				% of room		98.00%	YES
	R5	Residential	KD	Area m2	10.45	10.38	
				% of room		99.00%	YES
	R6	Residential	Living Room	Area m2	13.19	11.80	
				% of room		90.00%	YES
	R7	Residential	Bedroom	Area m2	12.14	11.80	
				% of room		97.00%	YES
	R8	Residential	LKD	Area m2	21.85	21.25	
				% of room		97.00%	YES
	R9	Residential	LKD	Area m2	20.35	19.31	
				% of room		95.00%	YES
	R10	Residential	Bedroom	Area m2	13.68	13.38	
				% of room		98.00%	YES
	R11	Residential	Bedroom	Area m2	13.68	13.67	
				% of room		100.00%	YES
Third	R1	Residential	LKD	Area m2	20.35	20.29	
				% of room		100.00%	YES
	R2	Residential	LKD	Area m2	21.76	21.67	
				% of room		100.00%	YES
	R3	Residential	Bedroom	Area m2	12.22	12.11	
				% of room		99.00%	YES
	R4	Residential	Bedroom	Area m2	12.45	12.24	
				% of room		98.00%	YES
	R5	Residential	KD	Area m2	10.45	10.38	
				% of room		99.00%	YES

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	R6	Residential	Living Room	Area m2	13.19	13.01	
				% of room		99.00%	YES
	R7	Residential	Bedroom	Area m2	12.14	12.02	
				% of room		99.00%	YES
	R8	Residential	LKD	Area m2	21.85	21.65	
				% of room		99.00%	YES
	R9	Residential	LKD	Area m2	20.35	20.22	
				% of room		99.00%	YES
	R10	Residential	Bedroom	Area m2	13.68	13.53	
				% of room		99.00%	YES
	R11	Residential	Bedroom	Area m2	13.68	13.68	
				% of room		100.00%	YES
<b>Block O</b>							
Ground	R1	Residential	Bedroom	Area m2	11.51	10.51	
				% of room		91.00%	YES
	R2	Residential	LKD	Area m2	21.00	20.84	
				% of room		99.00%	YES
	R3	Residential	LKD	Area m2	35.82	34.83	
				% of room		97.00%	YES
	R4	Residential	Bedroom	Area m2	15.48	15.24	
				% of room		98.00%	YES
	R5	Residential	LKD	Area m2	21.00	20.70	
				% of room		99.00%	YES
	R6	Residential	Bedroom	Area m2	11.51	2.00	
				% of room		17.00%	NO
First	R1	Residential	Bedroom	Area m2	11.69	9.99	
				% of room		85.00%	YES
	R2	Residential	LKD	Area m2	27.91	27.91	
				% of room		100.00%	YES
	R3	Residential	LKD	Area m2	35.82	34.85	
				% of room		97.00%	YES
	R4	Residential	Bedroom	Area m2	15.48	15.26	
				% of room		99.00%	YES
	R5	Residential	LKD	Area m2	27.91	27.63	
				% of room		99.00%	YES
	R6	Residential	Bedroom	Area m2	11.69	7.75	
				% of room		66.00%	NO
	R7	Residential	Bedroom	Area m2	11.50	6.85	
				% of room		60.00%	NO
	R8	Residential	Bedroom	Area m2	11.50	7.75	
				% of room		67.00%	NO
Second	R1	Residential	Bedroom	Area m2	11.50	11.31	
				% of room		98.00%	YES
	R2	Residential	LKD	Area m2	27.91	27.91	
				% of room		100.00%	YES
	R3	Residential	LKD	Area m2	27.14	27.04	
				% of room		100.00%	YES
	R4	Residential	Bedroom	Area m2	11.95	11.65	
				% of room		98.00%	YES
	R5	Residential	Bedroom	Area m2	12.23	11.97	

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	R6	Residential	KD	% of room Area m2	13.86	98.00% 13.67	YES
	R7	Residential	Living Room	% of room Area m2	13.63	99.00% 13.57	YES
	R8	Residential	Bedroom	% of room Area m2	11.69	100.00% 11.47	YES
	R9	Residential	Bedroom	% of room Area m2	11.50	98.00% 11.28	YES
	R10	Residential	Bedroom	% of room Area m2	11.69	98.00% 11.45	YES
				% of room Area m2		98.00%	YES
Third	R1	Residential	Bedroom	% of room Area m2	11.69	98.00% 11.51	YES
	R2	Residential	Living Room	% of room Area m2	13.63	100.00% 13.63	YES
	R3	Residential	KD	% of room Area m2	13.86	99.00% 13.75	YES
	R4	Residential	LKD	% of room Area m2	27.14	100.00% 27.07	YES
	R5	Residential	Bedroom	% of room Area m2	11.95	98.00% 11.73	YES
	R6	Residential	Bedroom	% of room Area m2	12.23	98.00% 12.04	YES
	R7	Residential	KD	% of room Area m2	13.86	99.00% 13.73	YES
	R8	Residential	Living Room	% of room Area m2	13.63	100.00% 13.59	YES
	R9	Residential	Bedroom	% of room Area m2	11.69	98.00% 11.47	YES
	R10	Residential	Bedroom	% of room Area m2	11.50	98.00% 11.28	YES
	R11	Residential	Bedroom	% of room Area m2	11.50	98.00% 11.28	YES
				% of room Area m2		98.00%	YES
<b>Block P</b>							
Ground	R1	Residential	LKD	% of room Area m2	40.48	93.00% 37.73	YES
	R2	Residential	LKD	% of room Area m2	40.48	94.00% 38.14	YES
	R3	Residential	LKD	% of room Area m2	40.48	95.00% 38.43	YES
	R4	Residential	LKD	% of room Area m2	40.48	87.00% 35.40	YES
	R5	Residential	LKD	% of room Area m2	40.48	90.00% 36.62	YES
	R6	Residential	LKD	% of room Area m2	40.48	91.00% 36.85	YES
				% of room Area m2		91.00%	YES
First	R1	Residential	Bedroom	% of room Area m2	13.11	81.00% 10.57	YES
	R2	Residential	Bedroom	% of room Area m2	9.94	75.00% 7.46	NO
				% of room Area m2		75.00%	NO

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	R3	Residential	Bedroom	Area m2	13.11	10.83	
				% of room		83.00%	YES
	R4	Residential	Bedroom	Area m2	9.94	7.21	
				% of room		73.00%	NO
	R5	Residential	Bedroom	Area m2	13.11	8.85	
				% of room		68.00%	NO
	R6	Residential	Bedroom	Area m2	9.94	4.96	
				% of room		50.00%	NO
	R7	Residential	Bedroom	Area m2	13.11	7.93	
				% of room		60.00%	NO
	R8	Residential	Bedroom	Area m2	9.94	4.55	
				% of room		46.00%	NO
	R9	Residential	Bedroom	Area m2	13.11	9.69	
				% of room		74.00%	NO
	R10	Residential	Bedroom	Area m2	9.94	6.70	
				% of room		67.00%	NO
	R11	Residential	Bedroom	Area m2	13.11	10.57	
				% of room		81.00%	YES
	R12	Residential	Bedroom	Area m2	9.94	7.31	
				% of room		74.00%	NO
	R13	Residential	Bedroom	Area m2	11.68	11.47	
				% of room		98.00%	YES
	R14	Residential	Bedroom	Area m2	11.68	11.46	
				% of room		98.00%	YES
	R15	Residential	Bedroom	Area m2	11.68	11.45	
				% of room		98.00%	YES
	R16	Residential	Bedroom	Area m2	11.68	11.47	
				% of room		98.00%	YES
	R17	Residential	Bedroom	Area m2	11.68	11.38	
				% of room		97.00%	YES
	R18	Residential	Bedroom	Area m2	11.68	10.91	
				% of room		93.00%	YES
Second	R1	Residential	Bedroom	Area m2	24.88	24.85	
				% of room		100.00%	YES
	R2	Residential	Bedroom	Area m2	24.88	23.86	
				% of room		96.00%	YES
	R3	Residential	Bedroom	Area m2	24.88	21.85	
				% of room		88.00%	YES
	R4	Residential	Bedroom	Area m2	24.88	22.73	
				% of room		91.00%	YES
	R5	Residential	Bedroom	Area m2	24.88	23.46	
				% of room		94.00%	YES
	R6	Residential	Bedroom	Area m2	24.88	24.86	
				% of room		100.00%	YES
<b>Block Q</b>							
Ground	R1	Residential	LKD	Area m2	40.48	38.97	
				% of room		96.00%	YES
	R2	Residential	LKD	Area m2	40.48	35.78	
				% of room		88.00%	YES
	R3	Residential	LKD	Area m2	40.48	32.72	

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	R4	Residential	LKD	% of room Area m2	40.48	81.00% 32.93	YES
	R5	Residential	LKD	% of room Area m2	40.48	81.00% 34.28	YES
	R6	Residential	LKD	% of room Area m2	40.48	85.00% 35.79	YES
				% of room Area m2		88.00%	YES
First	R1	Residential	Bedroom	Area m2	13.11	9.24	
				% of room		70.00%	NO
	R2	Residential	Bedroom	Area m2	9.94	5.69	
				% of room		57.00%	NO
	R3	Residential	Bedroom	Area m2	13.11	6.27	
				% of room		48.00%	NO
	R4	Residential	Bedroom	Area m2	9.94	3.41	
				% of room		34.00%	NO
	R5	Residential	Bedroom	Area m2	13.11	4.81	
				% of room		37.00%	NO
	R6	Residential	Bedroom	Area m2	9.94	2.84	
				% of room		29.00%	NO
	R7	Residential	Bedroom	Area m2	13.11	4.77	
				% of room		36.00%	NO
	R8	Residential	Bedroom	Area m2	9.94	2.84	
				% of room		29.00%	NO
	R9	Residential	Bedroom	Area m2	13.11	6.27	
				% of room		48.00%	NO
	R10	Residential	Bedroom	Area m2	9.94	3.55	
				% of room		36.00%	NO
	R11	Residential	Bedroom	Area m2	13.11	8.57	
				% of room		65.00%	NO
	R12	Residential	Bedroom	Area m2	9.94	5.56	
				% of room		56.00%	NO
	R13	Residential	Bedroom	Area m2	11.68	11.47	
				% of room		98.00%	YES
	R14	Residential	Bedroom	Area m2	11.68	11.46	
				% of room		98.00%	YES
	R15	Residential	Bedroom	Area m2	11.68	11.46	
				% of room		98.00%	YES
	R16	Residential	Bedroom	Area m2	11.68	11.48	
				% of room		98.00%	YES
	R17	Residential	Bedroom	Area m2	11.68	11.48	
				% of room		98.00%	YES
	R18	Residential	Bedroom	Area m2	11.68	11.46	
				% of room		98.00%	YES
Second	R1	Residential	Bedroom	Area m2	24.88	21.68	
				% of room		87.00%	YES
	R2	Residential	Bedroom	Area m2	24.88	18.06	
				% of room		73.00%	NO
	R3	Residential	Bedroom	Area m2	24.88	15.32	
				% of room		62.00%	NO
	R4	Residential	Bedroom	Area m2	24.88	16.23	
				% of room		65.00%	NO
	R5	Residential	Bedroom	Area m2	24.88	19.01	



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	R6	Residential	Bedroom	% of room	24.88	76.00%	NO
				Area m2		21.63	
				% of room		87.00%	YES
<b>Block R</b>							
Ground	R1	Residential	LKD	Area m2	20.98	16.54	
				% of room		79.00%	NO
	R2	Residential	LKD	Area m2	19.42	15.57	
				% of room		80.00%	YES
	R3	Residential	Bedroom	Area m2	10.00	4.49	
				% of room		45.00%	NO
	R4	Residential	LKD	Area m2	22.73	13.41	
				% of room		59.00%	NO
	R5	Residential	Bedroom	Area m2	14.37	11.77	
				% of room		82.00%	YES
	R6	Residential	LKD	Area m2	27.39	19.50	
				% of room		71.00%	NO
	R7	Residential	Bedroom	Area m2	15.71	10.60	
				% of room		67.00%	NO
	R8	Residential	Bedroom	Area m2	9.44	4.49	
				% of room		48.00%	NO
First	R1	Residential	LKD	Area m2	25.52	22.62	
				% of room		89.00%	YES
	R2	Residential	Bedroom	Area m2	11.52	5.95	
				% of room		52.00%	NO
	R3	Residential	Bedroom	Area m2	12.63	9.47	
				% of room		75.00%	NO
	R4	Residential	Bedroom	Area m2	12.63	9.00	
				% of room		71.00%	NO
	R5	Residential	Bedroom	Area m2	11.52	2.97	
				% of room		26.00%	NO
	R6	Residential	LKD	Area m2	25.52	13.52	
				% of room		53.00%	NO
	R7	Residential	LKD	Area m2	22.73	16.72	
				% of room		74.00%	NO
	R8	Residential	Bedroom	Area m2	14.35	14.01	
				% of room		98.00%	YES
	R9	Residential	Bedroom	Area m2	13.89	13.20	
				% of room		95.00%	YES
	R10	Residential	Bedroom	Area m2	11.54	11.37	
				% of room		99.00%	YES
	R11	Residential	LKD	Area m2	24.32	21.55	
				% of room		89.00%	YES
Second	R1	Residential	LKD	Area m2	25.52	23.31	
				% of room		91.00%	YES
	R2	Residential	Bedroom	Area m2	11.52	6.96	
				% of room		60.00%	NO
	R3	Residential	Bedroom	Area m2	12.63	11.05	
				% of room		87.00%	YES
	R4	Residential	Bedroom	Area m2	12.63	10.27	
				% of room		81.00%	YES

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	R5	Residential	Bedroom	Area m2	11.52	4.27	
				% of room		37.00%	NO
	R6	Residential	LKD	Area m2	25.52	14.83	
				% of room		58.00%	NO
	R7	Residential	LKD	Area m2	22.73	22.66	
				% of room		100.00%	YES
	R8	Residential	Bedroom	Area m2	14.35	14.01	
				% of room		98.00%	YES
	R9	Residential	Bedroom	Area m2	13.89	13.66	
				% of room		98.00%	YES
	R10	Residential	Bedroom	Area m2	11.54	11.37	
				% of room		99.00%	YES
	R11	Residential	LKD	Area m2	24.49	24.31	
				% of room		99.00%	YES
Third	R1	Residential	LKD	Area m2	25.52	24.01	
				% of room		94.00%	YES
	R2	Residential	Bedroom	Area m2	11.52	9.12	
				% of room		79.00%	NO
	R3	Residential	Bedroom	Area m2	12.63	12.20	
				% of room		97.00%	YES
	R4	Residential	Bedroom	Area m2	12.63	11.81	
				% of room		93.00%	YES
	R5	Residential	Bedroom	Area m2	11.52	7.27	
				% of room		63.00%	NO
	R6	Residential	LKD	Area m2	25.52	17.91	
				% of room		70.00%	NO
	R7	Residential	LKD	Area m2	22.73	22.66	
				% of room		100.00%	YES
	R8	Residential	Bedroom	Area m2	14.35	14.02	
				% of room		98.00%	YES
	R9	Residential	Bedroom	Area m2	13.89	13.67	
				% of room		98.00%	YES
	R10	Residential	Bedroom	Area m2	11.54	11.38	
				% of room		99.00%	YES
	R11	Residential	LKD	Area m2	24.49	24.33	
				% of room		99.00%	YES
Fourth	R1	Residential	LKD	Area m2	25.52	25.26	
				% of room		99.00%	YES
	R2	Residential	Bedroom	Area m2	11.52	11.11	
				% of room		96.00%	YES
	R3	Residential	Bedroom	Area m2	12.63	12.20	
				% of room		97.00%	YES
	R4	Residential	Bedroom	Area m2	12.63	12.21	
				% of room		97.00%	YES
	R5	Residential	Bedroom	Area m2	11.52	11.10	
				% of room		96.00%	YES
	R6	Residential	LKD	Area m2	25.52	25.37	
				% of room		99.00%	YES
	R7	Residential	LKD	Area m2	22.73	22.71	
				% of room		100.00%	YES
	R8	Residential	Bedroom	Area m2	14.35	14.32	
				% of room		100.00%	YES

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	R9	Residential	Bedroom	Area m2	13.89	13.67	
				% of room		98.00%	YES
	R10	Residential	Bedroom	Area m2	11.54	11.52	
				% of room		100.00%	YES
	R11	Residential	LKD	Area m2	24.49	24.43	
				% of room		100.00%	YES
<b>Block S</b>							
Ground	R1	Residential	LKD	Area m2	28.75	18.09	
				% of room		63.00%	NO
	R2	Residential	Bedroom	Area m2	15.24	11.99	
				% of room		79.00%	NO
	R3	Residential	Bedroom	Area m2	11.33	8.04	
				% of room		71.00%	NO
	R4	Residential	Bedroom	Area m2	11.33	10.41	
				% of room		92.00%	YES
	R5	Residential	Bedroom	Area m2	15.24	13.82	
				% of room		91.00%	YES
	R6	Residential	LKD	Area m2	28.77	26.34	
				% of room		92.00%	YES
	R7	Residential	LKD	Area m2	31.01	28.10	
				% of room		91.00%	YES
	R8	Residential	Bedroom	Area m2	10.12	8.95	
				% of room		88.00%	YES
	R9	Residential	Bedroom	Area m2	10.12	8.54	
				% of room		84.00%	YES
	R10	Residential	Bedroom	Area m2	19.53	10.56	
				% of room		54.00%	NO
	R11	Residential	Bedroom	Area m2	12.74	8.31	
				% of room		65.00%	NO
	R12	Residential	LKD	Area m2	22.39	13.37	
				% of room		60.00%	NO
	R13	Residential	Bedroom	Area m2	15.72	15.12	
				% of room		96.00%	YES
	R14	Residential	LKD	Area m2	29.73	28.11	
				% of room		95.00%	YES
First	R1	Residential	LKD	Area m2	27.04	18.90	
				% of room		70.00%	NO
	R2	Residential	Bedroom	Area m2	14.58	12.67	
				% of room		87.00%	YES
	R3	Residential	Bedroom	Area m2	9.17	8.05	
				% of room		88.00%	YES
	R4	Residential	LKD	Area m2	22.58	18.74	
				% of room		83.00%	YES
	R5	Residential	Bedroom	Area m2	15.51	14.68	
				% of room		95.00%	YES
	R6	Residential	Bedroom	Area m2	15.51	15.42	
				% of room		99.00%	YES
	R7	Residential	LKD	Area m2	22.57	21.88	
				% of room		97.00%	YES
	R8	Residential	Bedroom	Area m2	13.37	12.72	

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	R9	Residential	Bedroom	% of room Area m2	11.49	95.00% 10.88	YES
	R10	Residential	LKD	% of room Area m2	28.03	95.00% 25.95	YES
	R11	Residential	LKD	% of room Area m2	27.15	93.00% 26.28	YES
	R12	Residential	Bedroom	% of room Area m2	11.10	97.00% 10.76	YES
	R13	Residential	Bedroom	% of room Area m2	13.28	97.00% 13.04	YES
	R14	Residential	LKD	% of room Area m2	24.42	98.00% 16.84	YES
	R15	Residential	Bedroom	% of room Area m2	11.54	69.00% 11.46	NO
	R16	Residential	Bedroom	% of room Area m2	10.51	99.00% 10.38	YES
	R17	Residential	Bedroom	% of room Area m2	11.60	99.00% 10.88	YES
	R18	Residential	LKD	% of room Area m2	25.43	94.00% 15.82	YES
	R19	Residential	Bedroom	% of room Area m2	11.35	62.00% 11.04	NO
	R20	Residential	Bedroom	% of room Area m2	11.72	97.00% 11.21	YES
	R21	Residential	LKD	% of room Area m2	24.63	96.00% 23.87	YES
				% of room Area m2		97.00%	YES
Second	R1	Residential	LKD	Area m2	27.04	20.06	NO
	R2	Residential	Bedroom	% of room Area m2	14.58	74.00% 13.51	NO
	R3	Residential	Bedroom	% of room Area m2	9.17	93.00% 8.85	YES
	R4	Residential	LKD	% of room Area m2	22.58	96.00% 19.03	YES
	R5	Residential	Bedroom	% of room Area m2	15.51	84.00% 15.01	YES
	R6	Residential	Bedroom	% of room Area m2	15.51	97.00% 15.45	YES
	R7	Residential	LKD	% of room Area m2	22.57	100.00% 22.00	YES
	R8	Residential	Bedroom	% of room Area m2	13.37	97.00% 13.04	YES
	R9	Residential	Bedroom	% of room Area m2	11.49	98.00% 11.06	YES
	R10	Residential	LKD	% of room Area m2	28.03	96.00% 26.49	YES
	R11	Residential	LKD	% of room Area m2	27.11	95.00% 27.00	YES
	R12	Residential	Bedroom	% of room Area m2	11.13	100.00% 10.78	YES
	R13	Residential	Bedroom	% of room Area m2	13.28	97.00% 13.04	YES

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	R14	Residential	LKD	% of room Area m2	24.42	98.00% 24.42	YES
	R15	Residential	Bedroom	% of room Area m2	11.54	100.00% 11.46	YES
	R16	Residential	Bedroom	% of room Area m2	10.51	99.00% 10.38	YES
	R17	Residential	Bedroom	% of room Area m2	11.60	99.00% 10.88	YES
	R18	Residential	LKD	% of room Area m2	25.43	94.00% 25.42	YES
	R19	Residential	Bedroom	% of room Area m2	11.35	100.00% 11.04	YES
	R20	Residential	Bedroom	% of room Area m2	11.72	97.00% 11.22	YES
	R21	Residential	LKD	% of room Area m2	24.63	96.00% 24.60	YES
				% of room Area m2		100.00%	YES
Third	R1	Residential	LKD	Area m2	28.03	23.71	
	R2	Residential	Bedroom	% of room Area m2	11.49	85.00% 11.43	YES
	R3	Residential	Bedroom	% of room Area m2	13.37	100.00% 13.12	YES
	R4	Residential	LKD	% of room Area m2	22.58	98.00% 19.99	YES
	R5	Residential	Bedroom	% of room Area m2	15.51	89.00% 15.45	YES
	R6	Residential	Bedroom	% of room Area m2	15.51	100.00% 15.45	YES
	R7	Residential	LKD	% of room Area m2	22.57	100.00% 22.08	YES
	R8	Residential	Bedroom	% of room Area m2	13.37	98.00% 13.17	YES
	R9	Residential	Bedroom	% of room Area m2	11.49	98.00% 11.44	YES
	R10	Residential	LKD	% of room Area m2	28.03	100.00% 27.82	YES
	R11	Residential	LKD	% of room Area m2	25.97	99.00% 25.95	YES
	R12	Residential	LKD	% of room Area m2	25.97	100.00% 25.95	YES
	R12	Residential	Bedroom	% of room Area m2	11.62	100.00% 11.32	YES
	R13	Residential	Bedroom	% of room Area m2	10.75	97.00% 10.59	YES
	R14	Residential	LKD	% of room Area m2	24.42	99.00% 24.42	YES
	R15	Residential	Bedroom	% of room Area m2	11.54	100.00% 11.46	YES
	R16	Residential	Bedroom	% of room Area m2	10.51	99.00% 10.38	YES
	R17	Residential	Bedroom	% of room Area m2	11.60	99.00% 10.88	YES
	R18	Residential	LKD	% of room Area m2	25.43	94.00% 25.43	YES

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	R19	Residential	Bedroom	% of room Area m2	11.35	100.00% 11.06	YES
	R20	Residential	Bedroom	% of room Area m2	11.72	97.00% 11.28	YES
	R21	Residential	LKD	% of room Area m2	24.63	96.00% 24.61	YES
				% of room		100.00%	YES
Fourth	R1	Residential	LKD	Area m2	28.01	28.00	
				% of room		100.00%	YES
	R2	Residential	Bedroom	Area m2	11.49	11.47	
				% of room		100.00%	YES
	R3	Residential	Bedroom	Area m2	13.37	13.15	
				% of room		98.00%	YES
	R4	Residential	LKD	Area m2	22.58	21.99	
				% of room		97.00%	YES
	R5	Residential	Bedroom	Area m2	15.51	15.46	
				% of room		100.00%	YES
	R6	Residential	Bedroom	Area m2	15.51	15.45	
				% of room		100.00%	YES
	R7	Residential	LKD	Area m2	22.57	22.21	
				% of room		98.00%	YES
	R8	Residential	Bedroom	Area m2	13.37	13.17	
				% of room		98.00%	YES
	R9	Residential	Bedroom	Area m2	11.49	11.47	
				% of room		100.00%	YES
	R10	Residential	LKD	Area m2	28.03	28.02	
				% of room		100.00%	YES
	R11	Residential	LKD	Area m2	25.97	25.95	
				% of room		100.00%	YES
	R12	Residential	Bedroom	Area m2	11.62	11.47	
				% of room		99.00%	YES
	R13	Residential	Bedroom	Area m2	10.75	10.66	
				% of room		99.00%	YES
	R14	Residential	LKD	Area m2	24.42	24.42	
				% of room		100.00%	YES
	R15	Residential	Bedroom	Area m2	11.54	11.46	
				% of room		99.00%	YES
	R16	Residential	Bedroom	Area m2	10.51	10.38	
				% of room		99.00%	YES
	R17	Residential	Bedroom	Area m2	11.60	10.88	
				% of room		94.00%	YES
	R18	Residential	LKD	Area m2	25.43	25.43	
				% of room		100.00%	YES
	R19	Residential	Bedroom	Area m2	11.35	11.22	
				% of room		99.00%	YES
	R20	Residential	Bedroom	Area m2	11.72	11.51	
				% of room		98.00%	YES
	R21	Residential	LKD	Area m2	24.63	24.61	
				% of room		100.00%	YES
Fifth	R1	Residential	LKD	Area m2	20.73	20.68	
				% of room		100.00%	YES
	R2	Residential	Bedroom	Area m2	14.51	14.41	

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	R3	Residential	Bedroom	% of room Area m2	11.98	99.00% 11.00	YES
	R4	Residential	LKD	% of room Area m2	30.08	92.00% 28.47	YES
	R5	Residential	Bedroom	% of room Area m2	12.40	95.00% 11.42	YES
	R6	Residential	Bedroom	% of room Area m2	14.51	92.00% 14.41	YES
	R7	Residential	LKD	% of room Area m2	20.73	99.00% 20.67	YES
	R8	Residential	LKD	% of room Area m2	21.08	100.00% 21.05	YES
	R9	Residential	Bedroom	% of room Area m2	11.50	100.00% 11.27	YES
	R10	Residential	Bedroom	% of room Area m2	14.17	98.00% 14.11	YES
	R11	Residential	Bedroom	% of room Area m2	11.75	100.00% 11.58	YES
	R12	Residential	LKD	% of room Area m2	29.65	99.00% 29.65	YES
	R13	Residential	Bedroom	% of room Area m2	29.65	100.00% 11.31	YES
	R14	Residential	LKD	% of room Area m2	11.50	98.00% 21.60	YES
				% of room Area m2	21.64	100.00% 21.60	YES
<b>Block TU</b>							
Ground	R1	Residential	KD	Area m2	14.36	12.13	
	R2	Residential	Living Room	% of room Area m2	15.45	84.00% 10.32	YES
	R3	Residential	Bedroom	% of room Area m2	7.11	67.00% 0.40	NO
	R4	Residential	Bedroom	% of room Area m2	14.59	6.00% 5.97	NO
	R5	Residential	Bedroom	% of room Area m2	12.46	41.00% 0.00	NO
	R6	Residential	LKD	% of room Area m2	25.26	0.00% 9.94	NO
	R7	Residential	LKD	% of room Area m2	31.07	39.00% 3.76	NO
	R8	Residential	Bedroom	% of room Area m2	12.77	12.00% 0.00	NO
	R9	Residential	LKD	% of room Area m2	31.54	0.00% 31.50	NO
	R10	Residential	Bedroom	% of room Area m2	14.45	100.00% 13.54	YES
	R11	Residential	Bedroom	% of room Area m2	9.54	94.00% 8.73	YES
	R12	Residential	Bedroom	% of room Area m2	15.05	92.00% 13.96	YES
				% of room Area m2	15.05	93.00% 13.96	YES

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	R13	Residential	LKD	Area m2	30.84	30.84	
				% of room		100.00%	YES
	R14	Residential	Bedroom	Area m2	15.67	15.23	
				% of room		97.00%	YES
	R15	Residential	Bedroom	Area m2	15.24	15.19	
				% of room		100.00%	YES
	R16	Residential	LKD	Area m2	27.01	26.71	
				% of room		99.00%	YES
	R17	Residential	Bedroom	Area m2	10.32	9.55	
				% of room		93.00%	YES
	R18	Residential	Bedroom	Area m2	11.93	8.90	
				% of room		75.00%	NO
First	R1	Residential	LKD	Area m2	23.91	23.57	
				% of room		99.00%	YES
	R2	Residential	Bedroom	Area m2	12.21	8.29	
				% of room		68.00%	NO
	R3	Residential	Bedroom	Area m2	12.46	1.10	
				% of room		9.00%	NO
	R4	Residential	LKD	Area m2	25.26	12.18	
				% of room		48.00%	NO
	R5	Residential	Bedroom	Area m2	12.46	0.00	
				% of room		0.00%	NO
	R6	Residential	LKD	Area m2	25.26	11.51	
				% of room		46.00%	NO
	R7	Residential	LKD	Area m2	29.04	2.53	
				% of room		9.00%	NO
	R8	Residential	LKD	Area m2	27.05	0.01	
				% of room		0.00%	NO
	R9	Residential	Bedroom	Area m2	12.55	5.07	
				% of room		40.00%	NO
	R10	Residential	Bedroom	Area m2	11.59	8.75	
				% of room		75.00%	NO
	R11	Residential	LKD	Area m2	23.75	23.49	
				% of room		99.00%	YES
	R12	Residential	LKD	Area m2	26.63	26.61	
				% of room		100.00%	YES
	R13	Residential	Bedroom	Area m2	11.55	11.17	
				% of room		97.00%	YES
	R14	Residential	Bedroom	Area m2	9.96	9.68	
				% of room		97.00%	YES
	R15	Residential	LKD	Area m2	23.75	23.74	
				% of room		100.00%	YES
	R16	Residential	Bedroom	Area m2	11.59	11.44	
				% of room		99.00%	YES
	R17	Residential	Bedroom	Area m2	12.55	12.30	
				% of room		98.00%	YES
	R18	Residential	Bedroom	Area m2	12.20	11.73	
				% of room		96.00%	YES
	R19	Residential	Bedroom	Area m2	12.21	11.64	
				% of room		95.00%	YES
	R20	Residential	Bedroom	Area m2	11.75	11.29	
				% of room		96.00%	YES



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	R21	Residential	LKD	Area m2	25.75	25.58	
				% of room		99.00%	YES
	R22	Residential	Bedroom	Area m2	15.24	15.19	
				% of room		100.00%	YES
	R23	Residential	LKD	Area m2	27.01	26.82	
				% of room		99.00%	YES
	R24	Residential	Bedroom	Area m2	10.32	9.84	
				% of room		95.00%	YES
Second	R1	Residential	LKD	Area m2	23.91	23.57	
				% of room		99.00%	YES
	R2	Residential	Bedroom	Area m2	12.21	8.94	
				% of room		73.00%	NO
	R3	Residential	Bedroom	Area m2	12.46	1.27	
				% of room		10.00%	NO
	R4	Residential	LKD	Area m2	25.26	16.30	
				% of room		65.00%	NO
	R5	Residential	Bedroom	Area m2	12.46	0.00	
				% of room		0.00%	NO
	R6	Residential	LKD	Area m2	25.26	14.42	
				% of room		57.00%	NO
	R7	Residential	LKD	Area m2	29.04	4.01	
				% of room		14.00%	NO
	R8	Residential	LKD	Area m2	27.05	2.11	
				% of room		8.00%	NO
	R9	Residential	Bedroom	Area m2	12.55	5.92	
				% of room		47.00%	NO
	R10	Residential	Bedroom	Area m2	11.59	9.13	
				% of room		79.00%	NO
	R11	Residential	LKD	Area m2	23.75	23.49	
				% of room		99.00%	YES
	R12	Residential	LKD	Area m2	26.63	26.61	
				% of room		100.00%	YES
	R13	Residential	Bedroom	Area m2	11.55	11.17	
				% of room		97.00%	YES
	R14	Residential	Bedroom	Area m2	9.96	9.68	
				% of room		97.00%	YES
	R15	Residential	LKD	Area m2	23.75	23.74	
				% of room		100.00%	YES
	R16	Residential	Bedroom	Area m2	11.59	11.44	
				% of room		99.00%	YES
	R17	Residential	Bedroom	Area m2	12.55	12.30	
				% of room		98.00%	YES
	R18	Residential	Bedroom	Area m2	12.20	11.73	
				% of room		96.00%	YES
	R19	Residential	Bedroom	Area m2	12.21	11.66	
				% of room		95.00%	YES
	R20	Residential	Bedroom	Area m2	11.75	11.30	
				% of room		96.00%	YES
	R21	Residential	LKD	Area m2	25.75	25.58	
				% of room		99.00%	YES
	R22	Residential	Bedroom	Area m2	15.24	15.19	
				% of room		100.00%	YES

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R23	Residential	LKD	Area m2	27.01	26.82	
				% of room		99.00%	YES
	R24	Residential	Bedroom	Area m2	10.32	9.84	
				% of room		95.00%	YES
Third	R1	Residential	LKD	Area m2	23.91	23.48	
				% of room		98.00%	YES
	R2	Residential	Bedroom	Area m2	12.21	10.48	
				% of room		86.00%	YES
	R3	Residential	Bedroom	Area m2	12.46	3.66	
				% of room		29.00%	NO
	R4	Residential	LKD	Area m2	25.26	20.74	
				% of room		82.00%	YES
	R5	Residential	Bedroom	Area m2	12.46	2.36	
				% of room		19.00%	NO
	R6	Residential	LKD	Area m2	25.26	19.46	
				% of room		77.00%	NO
	R7	Residential	LKD	Area m2	29.04	15.34	
				% of room		53.00%	NO
	R8	Residential	LKD	Area m2	27.05	14.17	
				% of room		52.00%	NO
	R9	Residential	Bedroom	Area m2	12.55	7.92	
				% of room		63.00%	NO
	R10	Residential	Bedroom	Area m2	11.59	10.00	
				% of room		86.00%	YES
	R11	Residential	LKD	Area m2	23.75	23.56	
				% of room		99.00%	YES
	R12	Residential	LKD	Area m2	26.63	26.61	
				% of room		100.00%	YES
	R13	Residential	Bedroom	Area m2	11.55	11.17	
				% of room		97.00%	YES
	R14	Residential	Bedroom	Area m2	9.96	9.68	
				% of room		97.00%	YES
	R15	Residential	LKD	Area m2	23.75	23.75	
				% of room		100.00%	YES
	R16	Residential	Bedroom	Area m2	11.59	11.44	
				% of room		99.00%	YES
	R17	Residential	Bedroom	Area m2	12.55	12.30	
				% of room		98.00%	YES
	R18	Residential	Bedroom	Area m2	12.20	11.93	
				% of room		98.00%	YES
	R19	Residential	Bedroom	Area m2	12.21	11.85	
				% of room		97.00%	YES
	R20	Residential	Bedroom	Area m2	11.75	11.29	
				% of room		96.00%	YES
	R21	Residential	LKD	Area m2	25.75	25.67	
				% of room		100.00%	YES
	R22	Residential	Bedroom	Area m2	15.24	15.19	
				% of room		100.00%	YES
	R23	Residential	LKD	Area m2	27.01	26.90	
				% of room		100.00%	YES
	R24	Residential	Bedroom	Area m2	10.32	9.84	
				% of room		95.00%	YES

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
<b>Block V</b>							
Ground	R1	Residential	LKD	Area m2	35.31	27.25	
				% of room		77.00%	NO
	R2	Residential	LKD	Area m2	22.48	17.32	
				% of room		77.00%	NO
	R3	Residential	Bedroom	Area m2	12.26	2.35	
				% of room		19.00%	NO
	R4	Residential	LKD	Area m2	30.49	24.65	
				% of room		81.00%	YES
	R5	Residential	Bedroom	Area m2	15.08	6.72	
				% of room		45.00%	NO
	R6	Residential	Bedroom	Area m2	11.56	9.51	
				% of room		82.00%	YES
	R7	Residential	LKD	Area m2	24.51	24.01	
			% of room		98.00%	YES	
R8	Residential	LKD	Area m2	36.40	35.68		
			% of room		98.00%	YES	
R9	Residential	Bedroom	Area m2	10.20	7.67		
			% of room		75.00%	NO	
R10	Residential	Bedroom	Area m2	15.44	10.40		
			% of room		67.00%	NO	
R11	Residential	Bedroom	Area m2	14.26	5.27		
			% of room		37.00%	NO	
R12	Residential	Bedroom	Area m2	16.12	15.42		
			% of room		96.00%	YES	
First	R1	Residential	LKD	Area m2	21.42	20.87	
				% of room		97.00%	YES
	R2	Residential	LKD	Area m2	22.48	17.62	
				% of room		78.00%	NO
	R3	Residential	Bedroom	Area m2	12.26	3.69	
				% of room		30.00%	NO
	R4	Residential	LKD	Area m2	22.48	19.31	
				% of room		86.00%	YES
	R5	Residential	Bedroom	Area m2	12.26	7.11	
				% of room		58.00%	NO
	R6	Residential	LKD	Area m2	25.07	22.93	
				% of room		91.00%	YES
	R7	Residential	Bedroom	Area m2	12.03	5.23	
			% of room		43.00%	NO	
R8	Residential	Bedroom	Area m2	11.56	10.25		
			% of room		89.00%	YES	
R9	Residential	LKD	Area m2	24.51	24.01		
			% of room		98.00%	YES	
R10	Residential	Living Room	Area m2	14.17	13.65		
			% of room		96.00%	YES	
R11	Residential	KD	Area m2	13.54	13.39		
			% of room		99.00%	YES	
R12	Residential	Bedroom	Area m2	10.02	8.58		
			% of room		86.00%	YES	
R13	Residential	Bedroom	Area m2	13.16	8.68		

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R14	Residential	LKD	% of room	25.50	66.00%	NO
	R15	Residential	Bedroom	Area m2	12.10	16.82	NO
	R16	Residential	Bedroom	% of room	12.28	66.00%	NO
	R17	Residential	Bedroom	Area m2	12.35	8.75	NO
	R18	Residential	LKD	% of room	27.16	72.00%	NO
	R19	Residential	Bedroom	Area m2	11.62	8.61	NO
				% of room		70.00%	NO
				Area m2		10.08	YES
				% of room		82.00%	YES
				Area m2		26.17	YES
				% of room		96.00%	YES
				Area m2		9.62	YES
				% of room		83.00%	YES
Second	R1	Residential	LKD	Area m2	21.42	20.88	YES
	R2	Residential	LKD	% of room	22.48	98.00%	YES
	R3	Residential	Bedroom	Area m2	12.26	18.68	YES
	R4	Residential	LKD	% of room	22.48	83.00%	NO
	R5	Residential	Bedroom	Area m2	12.26	6.17	YES
	R6	Residential	LKD	% of room	25.07	50.00%	NO
	R7	Residential	Bedroom	Area m2	12.03	19.89	YES
	R8	Residential	Bedroom	% of room	11.56	88.00%	NO
	R9	Residential	LKD	Area m2	24.51	8.66	YES
	R10	Residential	Living Room	% of room	14.21	71.00%	NO
	R11	Residential	KD	Area m2	13.58	23.29	YES
	R12	Residential	Bedroom	% of room	10.02	93.00%	YES
	R13	Residential	Bedroom	Area m2	13.16	9.63	YES
	R14	Residential	LKD	% of room	25.50	96.00%	YES
	R15	Residential	Bedroom	Area m2	12.10	12.32	YES
	R16	Residential	Bedroom	% of room	12.28	94.00%	YES
	R17	Residential	Bedroom	Area m2	12.35	23.33	YES
	R18	Residential	LKD	% of room	27.16	91.00%	YES
	R19	Residential	Bedroom	Area m2	11.62	11.72	YES
				% of room		97.00%	YES
				Area m2		11.80	YES
				% of room		96.00%	YES
				Area m2		12.13	YES
				% of room		98.00%	YES
				Area m2		26.29	YES
				% of room		97.00%	YES
				Area m2		9.85	YES
				% of room		85.00%	YES
Third	R1	Residential	LKD	Area m2	21.42	21.24	

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R2	Residential	LKD	% of room Area m2	22.48	99.00% 20.91	YES
	R3	Residential	Bedroom	% of room Area m2	12.26	93.00% 11.00	YES
	R4	Residential	LKD	% of room Area m2	22.48	90.00% 21.31	YES
	R5	Residential	Bedroom	% of room Area m2	12.26	95.00% 11.68	YES
	R6	Residential	LKD	% of room Area m2	25.07	95.00% 24.27	YES
	R7	Residential	Bedroom	% of room Area m2	12.03	97.00% 9.76	YES
	R8	Residential	Bedroom	% of room Area m2	11.56	81.00% 11.05	YES
	R9	Residential	LKD	% of room Area m2	24.51	96.00% 24.03	YES
	R10	Residential	Living Room	% of room Area m2	14.17	98.00% 13.63	YES
	R11	Residential	KD	% of room Area m2	13.53	96.00% 13.39	YES
	R12	Residential	Bedroom	% of room Area m2	10.16	99.00% 9.73	YES
	R13	Residential	Bedroom	% of room Area m2	12.99	96.00% 12.64	YES
	R14	Residential	LKD	% of room Area m2	25.50	97.00% 25.37	YES
	R15	Residential	Bedroom	% of room Area m2	12.10	99.00% 11.72	YES
	R16	Residential	Bedroom	% of room Area m2	12.28	97.00% 11.80	YES
	R17	Residential	Bedroom	% of room Area m2	12.35	96.00% 12.13	YES
	R18	Residential	LKD	% of room Area m2	27.16	98.00% 27.01	YES
	R19	Residential	Bedroom	% of room Area m2	11.62	99.00% 10.88	YES
				% of room Area m2		94.00%	YES
Fourth	R1	Residential	LKD	Area m2	21.42	21.37	
	R2	Residential	LKD	% of room Area m2	22.48	100.00% 22.39	YES
	R3	Residential	Bedroom	% of room Area m2	12.26	100.00% 12.06	YES
	R4	Residential	LKD	% of room Area m2	22.48	98.00% 22.38	YES
	R5	Residential	Bedroom	% of room Area m2	12.26	100.00% 12.06	YES
	R6	Residential	LKD	% of room Area m2	25.07	98.00% 24.66	YES
	R7	Residential	Bedroom	% of room Area m2	12.43	98.00% 12.12	YES
	R8	Residential	Bedroom	% of room Area m2	11.56	98.00% 11.04	YES

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R9	Residential	LKD	% of room Area m2	24.51	96.00% 24.43	YES
	R10	Residential	Living Room	% of room Area m2	14.17	100.00% 13.67	YES
	R11	Residential	KD	% of room Area m2	13.54	97.00% 13.39	YES
	R12	Residential	Bedroom	% of room Area m2	10.02	99.00% 9.64	YES
	R13	Residential	Bedroom	% of room Area m2	13.16	96.00% 12.79	YES
	R14	Residential	LKD	% of room Area m2	25.50	97.00% 25.37	YES
	R15	Residential	Bedroom	% of room Area m2	12.10	99.00% 11.72	YES
	R16	Residential	Bedroom	% of room Area m2	12.28	97.00% 11.80	YES
	R17	Residential	Bedroom	% of room Area m2	12.35	96.00% 12.13	YES
	R18	Residential	LKD	% of room Area m2	27.16	98.00% 27.16	YES
	R19	Residential	Bedroom	% of room Area m2	11.62	100.00% 11.50	YES
				% of room Area m2		99.00%	YES
Fifth	R1	Residential	LKD	Area m2	28.50	28.50	
				% of room		100.00%	YES
	R2	Residential	LKD	Area m2	22.74	22.69	
				% of room		100.00%	YES
	R3	Residential	Bedroom	Area m2	15.08	13.67	
				% of room		91.00%	YES
	R4	Residential	Bedroom	Area m2	14.85	13.03	
				% of room		88.00%	YES
	R5	Residential	LKD	Area m2	34.73	34.26	
				% of room		99.00%	YES
	R6	Residential	Bedroom	Area m2	11.56	11.37	
				% of room		98.00%	YES
	R7	Residential	Bedroom	Area m2	12.79	12.75	
				% of room		100.00%	YES
	R8	Residential	LKD	Area m2	26.46	26.44	
				% of room		100.00%	YES
	R9	Residential	Bedroom	Area m2	12.51	11.67	
				% of room		93.00%	YES
	R10	Residential	LKD	Area m2	25.27	24.87	
				% of room		98.00%	YES
	R11	Residential	Bedroom	Area m2	7.77	6.89	
				% of room		89.00%	YES
	R12	Residential	Bedroom	Area m2	12.39	12.04	
				% of room		97.00%	YES
	R13	Residential	Bedroom	Area m2	11.56	11.38	
				% of room		98.00%	YES

**Block W**

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
Ground	R1	Residential	Bedroom	Area m2	11.73	11.45	
				% of room		98.00%	YES
	R2	Residential	LKD	Area m2	29.02	28.68	
				% of room		99.00%	YES
	R3	Residential	Bedroom	Area m2	12.82	6.49	
				% of room		51.00%	NO
	R4	Residential	LKD	Area m2	24.05	21.89	
			% of room		91.00%	YES	
R5	Residential	Bedroom	Area m2	12.39	9.17		
			% of room		74.00%	NO	
R6	Residential	KD	Area m2	10.26	5.77		
			% of room		56.00%	NO	
R7	Residential	Bedroom	Area m2	8.57	8.33		
			% of room		97.00%	YES	
First	R1	Residential	Kitchen	Area m2	9.09	8.95	
				% of room		98.00%	YES
	R2	Residential	Living Room	Area m2	20.41	20.21	
				% of room		99.00%	YES
	R3	Residential	Bedroom	Area m2	12.45	8.65	
				% of room		69.00%	NO
	R4	Residential	Bedroom	Area m2	11.50	8.55	
				% of room		74.00%	NO
	R5	Residential	Studio	Area m2	29.30	25.21	
				% of room		86.00%	YES
	R6	Residential	KD	Area m2	13.69	13.59	
				% of room		99.00%	YES
	R7	Residential	Living Room	Area m2	11.77	11.75	
			% of room		100.00%	YES	
R8	Residential	Bedroom	Area m2	11.64	9.04		
			% of room		78.00%	NO	
R9	Residential	Bedroom	Area m2	12.58	9.06		
			% of room		72.00%	NO	
R10	Residential	Living Room	Area m2	13.72	8.13		
			% of room		59.00%	NO	
R11	Residential	KD	Area m2	12.33	11.50		
			% of room		93.00%	YES	
R12	Residential	Bedroom	Area m2	13.10	12.95		
			% of room		99.00%	YES	
R13	Residential	Bedroom	Area m2	8.90	8.56		
			% of room		96.00%	YES	
Second	R1	Residential	Kitchen	Area m2	9.09	8.95	
				% of room		98.00%	YES
	R2	Residential	Living Room	Area m2	20.41	20.24	
				% of room		99.00%	YES
	R3	Residential	Bedroom	Area m2	12.45	9.62	
				% of room		77.00%	NO
R4	Residential	Bedroom	Area m2	11.50	9.59		
			% of room		83.00%	YES	
R5	Residential	Studio	Area m2	29.30	26.99		
			% of room		92.00%	YES	
R6	Residential	KD	Area m2	13.69	13.59		
			% of room		99.00%	YES	

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Floor Ref.	Room Ref	Property Type	Room Use		Room Area	Lit Area Proposed	Meets BRE Criteria
	R7	Residential	Living Room	Area m2	11.77	11.76	
				% of room		100.00%	YES
	R8	Residential	Bedroom	Area m2	11.64	11.22	
				% of room		96.00%	YES
	R9	Residential	Bedroom	Area m2	12.58	11.34	
				% of room		90.00%	YES
	R10	Residential	Living Room	Area m2	13.72	11.72	
				% of room		85.00%	YES
	R11	Residential	KD	Area m2	12.33	11.78	
				% of room		96.00%	YES
	R12	Residential	Bedroom	Area m2	13.10	12.95	
				% of room		99.00%	YES
	R13	Residential	Bedroom	Area m2	8.90	8.56	
				% of room		96.00%	YES
Third	R1	Residential	Bedroom	Area m2	12.16	12.09	
				% of room		99.00%	YES
	R2	Residential	LKD	Area m2	22.98	22.96	
				% of room		100.00%	YES
	R3	Residential	LKD	Area m2	26.84	26.31	
				% of room		98.00%	YES
	R4	Residential	Bedroom	Area m2	11.34	11.02	
				% of room		97.00%	YES
	R5	Residential	KD	Area m2	13.69	13.59	
				% of room		99.00%	YES
	R6	Residential	Living Room	Area m2	11.77	11.76	
				% of room		100.00%	YES
	R7	Residential	Bedroom	Area m2	11.64	11.22	
				% of room		96.00%	YES
	R8	Residential	LKD	Area m2	22.98	22.98	
				% of room		100.00%	YES
	R9	Residential	Bedroom	Area m2	12.16	11.90	
				% of room		98.00%	YES



# Proposed APSH Tabular Results

Project Name: Ham Close  
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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
<b>Block A</b>													
Ground	R1	Residential	Kitchen	W1	149°	4.00	NO	4.00	NO	43.00	YES	14.00	YES
				W16	239°	42.00	YES	13.00	YES				
	R2	Residential	LD	W2	239°	11.00	NO	10.00	YES	64.00	YES	24.00	YES
				W3	149°	61.00	YES	22.00	YES				
	R3	Residential	LD	W4	149°	61.00	YES	22.00	YES	62.00	YES	22.00	YES
				W5	59°N	12.00	NO	2.00	NO				
	R4	Residential	Kitchen	W6	149°	7.00	NO	5.00	YES	18.00	NO	5.00	YES
				W7	59°N	13.00	NO	0.00	NO				
	R5	Residential	Bedroom	W8	59°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R6	Residential	Bedroom	W9	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
R7	Residential	Bedroom	W10	59°N	1.00	NO	0.00	NO	4.00	NO	0.00	NO	
			W11	329°N	3.00	NO	0.00	NO					
R8	Residential	Bedroom	W12	329°N	5.00	NO	0.00	NO	8.00	NO	1.00	NO	
			W13	239°	5.00	NO	1.00	NO					
R9	Residential	Bedroom	W14	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO	
R10	Residential	Bedroom	W15	239°	33.00	YES	8.00	YES	33.00	YES	8.00	YES	
First	R1	Residential	Kitchen	W1	149°	10.00	NO	10.00	YES	50.00	YES	20.00	YES
				W22	239°	45.00	YES	15.00	YES				
	R2	Residential	LD	W2	239°	13.00	NO	12.00	YES	68.00	YES	27.00	YES
W3				149°	63.00	YES	23.00	YES					
R3	Residential	Bedroom	W4	149°	56.00	YES	21.00	YES					

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R4	Residential	Bedroom	W5	149°	56.00	YES	21.00	YES	56.00	YES	21.00	YES
	R5	Residential	Bedroom	W6	149°	56.00	YES	21.00	YES	56.00	YES	21.00	YES
	R6	Residential	Bedroom	W7	149°	56.00	YES	21.00	YES	56.00	YES	21.00	YES
	R7	Residential	Living Room	W8	149°	63.00	YES	23.00	YES	56.00	YES	21.00	YES
				W9	59°N	12.00	NO	2.00	NO	64.00	YES	23.00	YES
	R8	Residential	Kitchen	W10	149°	9.00	NO	5.00	YES	18.00	NO	5.00	YES
				W11	59°N	13.00	NO	0.00	NO	7.00	NO	0.00	NO
	R9	Residential	Kitchen	W12	59°N	7.00	NO	0.00	NO	7.00	NO	0.00	NO
	R10	Residential	Living Room	W13	59°N	10.00	NO	0.00	NO	10.00	NO	0.00	NO
				W14	329°N	0.00	NO	0.00	NO	4.00	NO	0.00	NO
	R11	Residential	Bedroom	W15	59°N	1.00	NO	0.00	NO	3.00	NO	0.00	NO
				W16	329°N	3.00	NO	0.00	NO	5.00	NO	0.00	NO
	R12	Residential	Bedroom	W17	329°N	5.00	NO	0.00	NO	5.00	NO	1.00	NO
				W18	239°	5.00	NO	1.00	NO	8.00	NO	1.00	NO
	R13	Residential	Living Room	W19	329°N	4.00	NO	0.00	NO	45.00	YES	15.00	YES
				W20	239°	45.00	YES	15.00	YES	46.00	YES	15.00	YES
	R14	Residential	Kitchen	W21	239°	36.00	YES	10.00	YES	36.00	YES	10.00	YES
Second	R1	Residential	KD	W1	149°	10.00	NO	10.00	YES	50.00	YES	20.00	YES
				W22	239°	45.00	YES	15.00	YES	12.00	NO	11.00	YES
	R2	Residential	Living Room	W2	239°	12.00	NO	11.00	YES	63.00	YES	23.00	YES
				W3	149°	63.00	YES	23.00	YES	68.00	YES	27.00	YES
	R3	Residential	Bedroom	W4	149°	56.00	YES	21.00	YES				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R4	Residential	Bedroom	W5	149°	56.00	YES	21.00	YES	56.00	YES	21.00	YES
	R5	Residential	Bedroom	W6	149°	56.00	YES	21.00	YES	56.00	YES	21.00	YES
	R6	Residential	Bedroom	W7	149°	56.00	YES	21.00	YES	56.00	YES	21.00	YES
	R7	Residential	Living Room	W8	149°	63.00	YES	23.00	YES	56.00	YES	21.00	YES
				W9	59°N	10.00	NO	2.00	NO	64.00	YES	23.00	YES
	R8	Residential	Kitchen	W10	149°	8.00	NO	5.00	YES	18.00	NO	5.00	YES
				W11	59°N	13.00	NO	0.00	NO	10.00	NO	0.00	NO
	R9	Residential	Kitchen	W12	59°N	10.00	NO	0.00	NO	10.00	NO	0.00	NO
	R10	Residential	Living Room	W13	59°N	13.00	NO	0.00	NO	13.00	NO	0.00	NO
				W14	329°N	0.00	NO	0.00	NO	4.00	NO	0.00	NO
	R11	Residential	Bedroom	W15	59°N	1.00	NO	0.00	NO	7.00	NO	1.00	NO
				W16	329°N	3.00	NO	0.00	NO	46.00	YES	15.00	YES
	R12	Residential	Bedroom	W17	329°N	5.00	NO	0.00	NO	36.00	YES	10.00	YES
				W18	239°	4.00	NO	1.00	NO				
	R13	Residential	Living Room	W19	329°N	3.00	NO	0.00	NO				
				W20	239°	45.00	YES	15.00	YES				
	R14	Residential	Kitchen	W21	239°	36.00	YES	10.00	YES				
						36.00	YES	10.00	YES				
Third	R1	Residential	KD	W1	149°	43.00	YES	19.00	YES	74.00	YES	26.00	YES
				W22	239°	44.00	YES	15.00	YES				
	R2	Residential	Living Room	W2	239°	42.00	YES	16.00	YES	86.00	YES	30.00	YES
				W3	149°	62.00	YES	23.00	YES				
	R3	Residential	Bedroom	W4	149°	57.00	YES	21.00	YES				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R4	Residential	Bedroom	W5	149°	57.00	YES	21.00	YES	57.00	YES	21.00	YES
	R5	Residential	Bedroom	W6	149°	57.00	YES	21.00	YES	57.00	YES	21.00	YES
	R6	Residential	Bedroom	W7	149°	57.00	YES	21.00	YES	57.00	YES	21.00	YES
	R7	Residential	Living Room	W8	149°	62.00	YES	23.00	YES	57.00	YES	21.00	YES
				W9	59°N	20.00	NO	2.00	NO	67.00	YES	23.00	YES
	R8	Residential	Kitchen	W10	149°	39.00	YES	10.00	YES	44.00	YES	10.00	YES
				W11	59°N	15.00	NO	0.00	NO	11.00	NO	0.00	NO
	R9	Residential	Kitchen	W12	59°N	11.00	NO	0.00	NO	16.00	NO	0.00	NO
	R10	Residential	Living Room	W13	59°N	15.00	NO	0.00	NO	6.00	NO	0.00	NO
				W14	329°N	1.00	NO	0.00	NO	25.00	YES	3.00	NO
	R11	Residential	Bedroom	W15	59°N	1.00	NO	0.00	NO	45.00	YES	15.00	YES
				W16	329°N	5.00	NO	0.00	NO	35.00	YES	10.00	YES
	R12	Residential	Bedroom	W17	329°N	5.00	NO	0.00	NO				
				W18	239°	22.00	NO	3.00	NO				
	R13	Residential	Living Room	W19	329°N	10.00	NO	0.00	NO				
				W20	239°	44.00	YES	15.00	YES				
	R14	Residential	Kitchen	W21	239°	35.00	YES	10.00	YES				
<b>Block B</b>													
Ground	R1	Residential	LKD	W1	149°	3.00	NO	2.00	NO				
				W2	239°	7.00	NO	7.00	YES				
				W3	149°	40.00	YES	6.00	YES	43.00	YES	9.00	YES

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R2	Residential	LKD	W4	149°	41.00	YES	6.00	YES	43.00	YES	8.00	YES
				W5	59°N	3.00	NO	3.00	NO				
	R3	Residential	Bedroom	W6	149°	1.00	NO	1.00	NO	15.00	NO	2.00	NO
				W7	59°N	13.00	NO	0.00	NO				
				W8	59°N	13.00	NO	1.00	NO				
	R4	Residential	KD	W9	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R5	Residential	Living Room	W10	59°N	4.00	NO	0.00	NO				
				W11	329°N	8.00	NO	0.00	NO	12.00	NO	0.00	NO
	R6	Residential	Bedroom	W12	329°N	2.00	NO	0.00	NO				
	R7	Residential	Bedroom	W13	329°N	1.00	NO	0.00	NO	48.00	YES	15.00	YES
				W14	284°N	11.00	NO	0.00	NO				
				W15	194°	36.00	YES	15.00	YES				
	R8	Residential	Bedroom	W16	284°N	15.00	NO	1.00	NO	59.00	YES	19.00	YES
				W17	194°	44.00	YES	18.00	YES				
	R9	Residential	Bedroom	W18	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R10	Residential	Bedroom	W19	329°N	2.00	NO	0.00	NO				
				W20	284°N	16.00	NO	1.00	NO	53.00	YES	17.00	YES
				W21	194°	37.00	YES	16.00	YES				
	R11	Residential	Bedroom	W22	284°N	16.00	NO	1.00	NO	62.00	YES	21.00	YES
				W23	194°	46.00	YES	20.00	YES				
First	R1	Residential	LKD	W1	149°	4.00	NO	2.00	NO	51.00	YES	12.00	YES
				W2	239°	7.00	NO	7.00	YES				
				W3	149°	47.00	YES	9.00	YES				
	R2	Residential	LKD	W4	149°	49.00	YES	10.00	YES	6.00	NO	3.00	NO
				W5	59°N	6.00	NO	3.00	NO				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R3	Residential	Bedroom	W6	149°	2.00	NO	2.00	NO	54.00	YES	12.00	YES
				W7	59°N	16.00	NO	1.00	NO				
	R4	Residential	Bedroom	W8	59°N	16.00	NO	1.00	NO	17.00	NO	2.00	NO
	R5	Residential	LKD	W9	59°N	18.00	NO	2.00	NO	16.00	NO	1.00	NO
	R6	Residential	Bedroom	W10	59°N	15.00	NO	1.00	NO	18.00	NO	2.00	NO
	R7	Residential	Bedroom	W11	59°N	16.00	NO	1.00	NO	15.00	NO	1.00	NO
	R8	Residential	LKD	W12	59°N	18.00	NO	1.00	NO	16.00	NO	1.00	NO
	R9	Residential	Bedroom	W13	59°N	12.00	NO	0.00	NO	18.00	NO	1.00	NO
	R10	Residential	Bedroom	W14	59°N	18.00	NO	1.00	NO	12.00	NO	0.00	NO
				W15	329°N	0.00	NO	0.00	NO				
	R11	Residential	LKD	W16	59°N	4.00	NO	0.00	NO	18.00	NO	1.00	NO
				W17	329°N	8.00	NO	0.00	NO				
	R12	Residential	LKD	W18	329°N	1.00	NO	0.00	NO	12.00	NO	0.00	NO
				W19	284°N	17.00	NO	2.00	NO				
				W20	194°	38.00	YES	17.00	YES				
	R13	Residential	Bedroom	W21	284°N	17.00	NO	2.00	NO	55.00	YES	19.00	YES
				W22	194°	45.00	YES	20.00	YES				
	R14	Residential	Bedroom	W23	329°N	1.00	NO	0.00	NO	62.00	YES	22.00	YES
	R15	Residential	Bedroom	W24	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
				W25	284°N	17.00	NO	2.00	NO				
				W26	194°	38.00	YES	17.00	YES				
	R16	Residential	Bedroom	W27	284°N	17.00	NO	2.00	NO	55.00	YES	19.00	YES

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
				W28	194°	44.00	YES	19.00	YES	61.00	YES	21.00	YES
Second	R1	Residential	LKD	W1	149°	9.00	NO	7.00	YES	57.00	YES	18.00	YES
				W2	239°	7.00	NO	7.00	YES				
				W3	149°	54.00	YES	15.00	YES				
	R2	Residential	LKD	W4	149°	54.00	YES	15.00	YES	59.00	YES	16.00	YES
				W5	59°N	8.00	NO	4.00	NO				
	R3	Residential	Bedroom	W6	149°	3.00	NO	3.00	NO	19.00	NO	3.00	NO
				W7	59°N	18.00	NO	2.00	NO				
	R4	Residential	Bedroom	W8	59°N	18.00	NO	2.00	NO	18.00	NO	2.00	NO
	R5	Residential	LKD	W9	59°N	22.00	NO	3.00	NO	22.00	NO	3.00	NO
	R6	Residential	Bedroom	W10	59°N	18.00	NO	2.00	NO	18.00	NO	2.00	NO
	R7	Residential	Bedroom	W11	59°N	19.00	NO	2.00	NO	19.00	NO	2.00	NO
	R8	Residential	LKD	W12	59°N	23.00	NO	3.00	NO	23.00	NO	3.00	NO
	R9	Residential	Bedroom	W13	59°N	12.00	NO	0.00	NO	12.00	NO	0.00	NO
	R10	Residential	Bedroom	W14	59°N	18.00	NO	2.00	NO	18.00	NO	2.00	NO
				W15	329°N	0.00	NO	0.00	NO				
	R11	Residential	LKD	W16	59°N	4.00	NO	0.00	NO	12.00	NO	0.00	NO
				W17	329°N	8.00	NO	0.00	NO				
	R12	Residential	LKD	W18	329°N	1.00	NO	0.00	NO	55.00	YES	19.00	YES
				W19	284°N	17.00	NO	2.00	NO				
				W20	194°	38.00	YES	17.00	YES				
	R13	Residential	Bedroom	W21	284°N	17.00	NO	2.00	NO	45.00	YES	20.00	YES
				W22	194°	45.00	YES	20.00	YES				



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	R14	Residential	Bedroom	W23	329°N	1.00	NO	0.00	NO	62.00	YES	22.00	YES	
	R15	Residential	Bedroom	W24	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO	
W25				284°N	17.00	NO	2.00	NO						
W26				194°	38.00	YES	17.00	YES						
	R16	Residential	Bedroom	W27	284°N	17.00	NO	2.00	NO	55.00	YES	19.00	YES	
W28				194°	46.00	YES	21.00	YES						
						63.00	YES			63.00	YES	23.00	YES	
Third	R1	Residential	LKD	W1	149°	14.00	NO	13.00	YES					
W2				239°	7.00	NO	7.00	YES						
W3				149°	61.00	YES	22.00	YES						
	R2	Residential	LKD	W4	149°	61.00	YES	22.00	YES	63.00	YES	24.00	YES	
W5				59°N	25.00	YES	4.00	NO						
	R3	Residential	Bedroom	W6	149°	31.00	YES	9.00	YES	67.00	YES	23.00	YES	
W7				59°N	20.00	NO	2.00	NO						
	R4	Residential	Bedroom	W8	59°N	20.00	NO	2.00	NO	43.00	YES	9.00	YES	
	R5	Residential	LKD	W9	59°N	23.00	NO	3.00	NO	20.00	NO	2.00	NO	
	R6	Residential	Bedroom	W10	59°N	20.00	NO	2.00	NO	23.00	NO	3.00	NO	
	R7	Residential	Bedroom	W11	59°N	20.00	NO	2.00	NO	20.00	NO	2.00	NO	
	R8	Residential	LKD	W12	59°N	23.00	NO	3.00	NO	20.00	NO	2.00	NO	
	R9	Residential	Bedroom	W13	59°N	12.00	NO	0.00	NO	23.00	NO	3.00	NO	
	R10	Residential	Bedroom	W14	59°N	19.00	NO	2.00	NO	12.00	NO	0.00	NO	
W15				329°N	0.00	NO	0.00	NO						
	R11	Residential	LKD	W16	59°N	10.00	NO	0.00	NO	19.00	NO	2.00	NO	

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				W17	329°N	8.00	NO	0.00	NO	18.00	NO	0.00	NO
	R12	Residential	LKD	W18	329°N	1.00	NO	0.00	NO				
				W19	284°N	17.00	NO	2.00	NO				
				W20	194°	41.00	YES	17.00	YES	58.00	YES	19.00	YES
	R13	Residential	Bedroom	W21	284°N	17.00	NO	2.00	NO				
				W22	194°	46.00	YES	21.00	YES	63.00	YES	23.00	YES
	R14	Residential	Bedroom	W23	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R15	Residential	Bedroom	W24	329°N	2.00	NO	0.00	NO				
				W25	284°N	17.00	NO	2.00	NO				
				W26	194°	41.00	YES	17.00	YES	58.00	YES	19.00	YES
	R16	Residential	Bedroom	W27	284°N	17.00	NO	2.00	NO				
				W28	194°	46.00	YES	21.00	YES	63.00	YES	23.00	YES
<b>Block C</b>													
Ground	R1	Residential	LKD	W1	149°	7.00	NO	7.00	YES				
				W25	284°N	7.00	NO	2.00	NO				
				W26	194°	46.00	YES	20.00	YES	53.00	YES	22.00	YES
	R2	Residential	Bedroom	W2	239°	6.00	NO	6.00	YES				
				W3	149°	34.00	YES	9.00	YES	37.00	YES	12.00	YES
	R3	Residential	Bedroom	W4	149°	25.00	YES	7.00	YES	25.00	YES	7.00	YES
	R4	Residential	Bedroom	W5	149°	25.00	YES	0.00	NO	25.00	YES	0.00	NO
	R5	Residential	Bedroom	W6	149°	34.00	YES	4.00	NO				
				W7	59°N	5.00	NO	0.00	NO	36.00	YES	4.00	NO
	R6	Residential	LKD	W8	149°	4.00	NO	3.00	NO				

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				W9	104°	20.00	NO	3.00	NO				
				W10	14°N	0.00	NO	0.00	NO				
	R7	Residential	LKD	W11	104°	11.00	NO	2.00	NO	21.00	NO	3.00	NO
				W12	14°N	0.00	NO	0.00	NO				
				W13	329°N	2.00	NO	0.00	NO				
	R8	Residential	Bedroom	W14	329°N	0.00	NO	0.00	NO	13.00	NO	2.00	NO
	R9	Residential	LKD	W15	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W16	329°N	2.00	NO	0.00	NO				
	R10	Residential	Bedroom	W17	329°N	0.00	NO	0.00	NO	2.00	NO	0.00	NO
	R11	Residential	Bedroom	W18	329°N	2.00	NO	0.00	NO	0.00	NO	0.00	NO
				W19	239°	10.00	NO	0.00	NO				
	R12	Residential	Bedroom	W20	329°N	0.00	NO	0.00	NO	11.00	NO	0.00	NO
	R13	Residential	Bedroom	W21	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R14	Residential	LKD	W22	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W23	284°N	1.00	NO	0.00	NO				
				W24	194°	41.00	YES	19.00	YES	42.00	YES	19.00	YES
First	R1	Residential	LKD	W1	149°	8.00	NO	8.00	YES				
				W34	284°N	10.00	NO	2.00	NO				
				W35	194°	47.00	YES	21.00	YES	57.00	YES	23.00	YES
	R2	Residential	Bedroom	W2	239°	7.00	NO	7.00	YES				
				W3	149°	45.00	YES	11.00	YES				
				W4	149°	35.00	YES	10.00	YES	48.00	YES	14.00	YES
	R3	Residential	LKD	W5	149°	5.00	NO	5.00	YES	5.00	NO	5.00	YES
	R4	Residential	Bedroom	W6	239°	6.00	NO	6.00	YES				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
				W7	149°	33.00	YES	5.00	YES				
	R5	Residential	Bedroom	W8	149°	31.00	YES	2.00	NO	36.00	YES	8.00	YES
				W9	59°N	5.00	NO	0.00	NO				
	R6	Residential	LKD	W10	149°	4.00	NO	0.00	NO	32.00	YES	2.00	NO
	R7	Residential	Bedroom	W11	149°	30.00	YES	2.00	NO	4.00	NO	0.00	NO
				W12	149°	43.00	YES	6.00	YES				
				W13	59°N	7.00	NO	0.00	NO	47.00	YES	7.00	YES
	R8	Residential	LKD	W14	149°	5.00	NO	4.00	NO				
				W15	104°	20.00	NO	3.00	NO				
				W16	14°N	0.00	NO	0.00	NO				
	R9	Residential	LKD	W17	104°	11.00	NO	2.00	NO	22.00	NO	4.00	NO
				W18	14°N	0.00	NO	0.00	NO				
				W19	329°N	4.00	NO	0.00	NO				
	R10	Residential	Bedroom	W20	329°N	0.00	NO	0.00	NO	15.00	NO	2.00	NO
	R11	Residential	Bedroom	W21	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R12	Residential	LKD	W22	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W23	329°N	3.00	NO	0.00	NO				
				W24	329°N	0.00	NO	0.00	NO				
	R13	Residential	Bedroom	W25	329°N	4.00	NO	0.00	NO	3.00	NO	0.00	NO
	R14	Residential	Bedroom	W26	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R15	Residential	LKD	W27	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
				W28	239°	15.00	NO	2.00	NO				
	R16	Residential	Bedroom	W29	329°N	1.00	NO	0.00	NO	16.00	NO	2.00	NO
						1.00				1.00	NO	0.00	NO

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R17	Residential	Bedroom	W30	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R18	Residential	LKD	W31	329°N	1.00	NO	0.00	NO				
				W32	284°N	3.00	NO	0.00	NO				
				W33	194°	42.00	YES	19.00	YES	46.00	YES	19.00	YES
Second	R1	Residential	LKD	W1	149°	8.00	NO	8.00	YES	59.00	YES	23.00	YES
				W34	284°N	12.00	NO	2.00	NO				
				W35	194°	47.00	YES	21.00	YES				
	R2	Residential	Bedroom	W2	239°	7.00	NO	7.00	YES	55.00	YES	17.00	YES
				W3	149°	52.00	YES	14.00	YES				
	R3	Residential	Bedroom	W4	149°	40.00	YES	13.00	YES	40.00	YES	13.00	YES
	R4	Residential	LKD	W5	149°	5.00	NO	5.00	YES	5.00	NO	5.00	YES
	R5	Residential	Bedroom	W6	239°	6.00	NO	6.00	YES	42.00	YES	11.00	YES
				W7	149°	39.00	YES	8.00	YES				
	R6	Residential	Bedroom	W8	149°	39.00	YES	7.00	YES	40.00	YES	7.00	YES
				W9	59°N	7.00	NO	0.00	NO				
	R7	Residential	LKD	W10	149°	7.00	NO	1.00	NO	7.00	NO	1.00	NO
	R8	Residential	Bedroom	W11	149°	38.00	YES	9.00	YES	38.00	YES	9.00	YES
	R9	Residential	Bedroom	W12	149°	49.00	YES	12.00	YES	52.00	YES	12.00	YES
				W13	59°N	7.00	NO	0.00	NO				
	R10	Residential	LKD	W14	149°	5.00	NO	4.00	NO	25.00	YES	4.00	NO
				W15	104°	23.00	NO	3.00	NO				
				W16	14°N	0.00	NO	0.00	NO				
	R11	Residential	LKD	W17	104°	12.00	NO	2.00	NO	0.00	NO	0.00	NO
				W18	14°N	0.00	NO	0.00	NO				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
				W19	329°N	6.00	NO	0.00	NO	18.00	NO	2.00	NO
	R12	Residential	Bedroom	W20	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R13	Residential	Bedroom	W21	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R14	Residential	LKD	W22	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W23	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R15	Residential	Bedroom	W24	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R16	Residential	Bedroom	W25	329°N	5.00	NO	0.00	NO	0.00	NO	0.00	NO
	R17	Residential	Bedroom	W26	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R18	Residential	LKD	W27	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
				W28	239°	8.00	NO	0.00	NO	20.00	NO	2.00	NO
	R19	Residential	Bedroom	W29	329°N	23.00	NO	0.00	NO	3.00	NO	0.00	NO
	R20	Residential	Bedroom	W30	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R21	Residential	LKD	W31	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
				W32	284°N	3.00	NO	0.00	NO	8.00	NO	0.00	NO
				W33	194°	42.00	YES	19.00	YES	51.00	YES	19.00	YES
Third	R1	Residential	LKD	W1	149°	12.00	NO	12.00	YES	66.00	YES	26.00	YES
				W34	284°N	16.00	NO	2.00	NO				
				W35	194°	48.00	YES	22.00	YES				
	R2	Residential	Bedroom	W2	239°	7.00	NO	7.00	YES	58.00	YES	19.00	YES
				W3	149°	55.00	YES	16.00	YES				
	R3	Residential	Bedroom	W4	149°	42.00	YES	15.00	YES	42.00	YES	15.00	YES
	R4	Residential	LKD	W5	149°	9.00	NO	9.00	YES				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R5	Residential	Bedroom	W6	239°	6.00	NO	6.00	YES	9.00	NO	9.00	YES
				W7	149°	44.00	YES	12.00	YES				
						47.00				47.00	YES	15.00	YES
	R6	Residential	Bedroom	W8	149°	44.00	YES	12.00	YES				
				W9	59°N	9.00	NO	0.00	NO				
						47.00				47.00	YES	12.00	YES
	R7	Residential	LKD	W10	149°	10.00	NO	4.00	NO				
						10.00				10.00	NO	4.00	NO
	R8	Residential	Bedroom	W11	149°	42.00	YES	12.00	YES				
						42.00				42.00	YES	12.00	YES
	R9	Residential	Bedroom	W12	149°	56.00	YES	17.00	YES				
				W13	59°N	9.00	NO	0.00	NO				
						59.00				59.00	YES	17.00	YES
	R10	Residential	LKD	W14	149°	12.00	NO	8.00	YES				
				W15	104°	24.00	NO	3.00	NO				
				W16	14°N	0.00	NO	0.00	NO				
						33.00				33.00	YES	8.00	YES
	R11	Residential	LKD	W17	104°	17.00	NO	2.00	NO				
				W18	14°N	0.00	NO	0.00	NO				
				W19	329°N	8.00	NO	0.00	NO				
						25.00				25.00	YES	2.00	NO
	R12	Residential	Bedroom	W20	329°N	2.00	NO	0.00	NO				
						2.00				2.00	NO	0.00	NO
	R13	Residential	Bedroom	W21	329°N	0.00	NO	0.00	NO				
						0.00				0.00	NO	0.00	NO
	R14	Residential	LKD	W22	59°N	0.00	NO	0.00	NO				
				W23	329°N	8.00	NO	0.00	NO				
						8.00				8.00	NO	0.00	NO
	R15	Residential	Bedroom	W24	329°N	2.00	NO	0.00	NO				
						2.00				2.00	NO	0.00	NO
	R16	Residential	Bedroom	W25	329°N	8.00	NO	0.00	NO				
						8.00				8.00	NO	0.00	NO
	R17	Residential	Bedroom	W26	329°N	8.00	NO	0.00	NO				
						8.00				8.00	NO	0.00	NO
	R18	Residential	LKD	W27	329°N	9.00	NO	0.00	NO				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
				W28	239°	25.00	YES	3.00	NO				
	R19	Residential	Bedroom	W29	329°N	6.00	NO	0.00	NO	28.00	YES	3.00	NO
	R20	Residential	Bedroom	W30	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R21	Residential	LKD	W31	329°N	7.00	NO	0.00	NO	6.00	NO	0.00	NO
				W32	284°N	13.00	NO	0.00	NO				
				W33	194°	43.00	YES	19.00	YES	6.00	NO	0.00	NO
						57.00	YES	19.00	YES				
Fourth	R1	Residential	LKD	W1	149°	55.00	YES	23.00	YES				
				W34	284°N	17.00	NO	2.00	NO				
				W35	194°	48.00	YES	22.00	YES	84.00	YES	28.00	YES
	R2	Residential	Bedroom	W2	239°	27.00	YES	10.00	YES				
				W3	149°	60.00	YES	21.00	YES	78.00	YES	26.00	YES
	R3	Residential	Bedroom	W4	149°	47.00	YES	20.00	YES	47.00	YES	20.00	YES
	R4	Residential	LKD	W5	149°	12.00	NO	12.00	YES	12.00	NO	12.00	YES
	R5	Residential	Bedroom	W6	239°	6.00	NO	6.00	YES				
				W7	149°	50.00	YES	18.00	YES	53.00	YES	21.00	YES
	R6	Residential	Bedroom	W8	149°	50.00	YES	18.00	YES				
				W9	59°N	9.00	NO	0.00	NO	53.00	YES	18.00	YES
	R7	Residential	LKD	W10	149°	13.00	NO	7.00	YES	13.00	NO	7.00	YES
	R8	Residential	Bedroom	W11	149°	48.00	YES	16.00	YES	48.00	YES	16.00	YES
	R9	Residential	Bedroom	W12	149°	62.00	YES	23.00	YES				
				W13	59°N	12.00	NO	0.00	NO	66.00	YES	23.00	YES
	R10	Residential	LKD	W14	149°	52.00	YES	15.00	YES				
				W15	104°	27.00	YES	4.00	NO				



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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
				W16	14°N	0.00	NO	0.00	NO				
	R11	Residential	LKD	W17	104°	26.00	YES	3.00	NO	52.00	YES	15.00	YES
				W18	14°N	0.00	NO	0.00	NO				
				W19	329°N	9.00	NO	0.00	NO				
	R12	Residential	Bedroom	W20	329°N	2.00	NO	0.00	NO	35.00	YES	3.00	NO
	R13	Residential	Bedroom	W21	329°N	0.00	NO	0.00	NO	2.00	NO	0.00	NO
	R14	Residential	LKD	W22	59°N	1.00	NO	0.00	NO	0.00	NO	0.00	NO
				W23	329°N	9.00	NO	0.00	NO				
	R15	Residential	Bedroom	W24	329°N	2.00	NO	0.00	NO	10.00	NO	0.00	NO
	R16	Residential	Bedroom	W25	329°N	8.00	NO	0.00	NO	2.00	NO	0.00	NO
	R17	Residential	Bedroom	W26	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R18	Residential	LKD	W27	329°N	9.00	NO	0.00	NO	8.00	NO	0.00	NO
				W28	239°	32.00	YES	5.00	YES				
	R19	Residential	Bedroom	W29	329°N	6.00	NO	0.00	NO	35.00	YES	5.00	YES
	R20	Residential	Bedroom	W30	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R21	Residential	LKD	W31	329°N	8.00	NO	0.00	NO	6.00	NO	0.00	NO
				W32	284°N	17.00	NO	2.00	NO				
				W33	194°	47.00	YES	21.00	YES				
						64.00	YES			64.00	YES	23.00	YES
Fifth	R1	Residential	Living Room	W1	149°	64.00	YES	24.00	YES				
				W23	239°	49.00	YES	16.00	YES				
				W24	239°	49.00	YES	16.00	YES				
	R2	Residential	Bedroom	W2	149°	62.00	YES	23.00	YES	95.00	YES	30.00	YES
						62.00	YES			62.00	YES	23.00	YES

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R3	Residential	Bedroom	W3	149°	64.00	YES	23.00	YES	64.00	YES	23.00	YES
	R4	Residential	LKD	W4	149°	65.00	YES	23.00	YES	65.00	YES	23.00	YES
	R5	Residential	Bedroom	W5	149°	65.00	YES	24.00	YES	65.00	YES	24.00	YES
	R6	Residential	Bedroom	W6	149°	62.00	YES	21.00	YES	62.00	YES	21.00	YES
	R7	Residential	Living Room	W7	149°	65.00	YES	23.00	YES	68.00	YES	23.00	YES
				W8	59°N	20.00	NO	2.00	NO				
				W9	59°N	20.00	NO	2.00	NO				
	R8	Residential	Kitchen	W10	59°N	24.00	NO	3.00	NO	32.00	YES	3.00	NO
				W11	329°N	8.00	NO	0.00	NO				
	R9	Residential	Bedroom	W12	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R10	Residential	Bedroom	W13	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R11	Residential	LKD	W14	59°N	1.00	NO	0.00	NO	10.00	NO	0.00	NO
				W15	329°N	9.00	NO	0.00	NO				
	R12	Residential	Bedroom	W16	329°N	9.00	NO	0.00	NO	9.00	NO	0.00	NO
	R13	Residential	Bedroom	W17	329°N	9.00	NO	0.00	NO	39.00	YES	6.00	YES
				W18	239°	39.00	YES	6.00	YES				
	R14	Residential	Bedroom	W19	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R15	Residential	Bedroom	W20	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R16	Residential	Kitchen	W21	329°N	8.00	NO	0.00	NO	55.00	YES	19.00	YES
				W22	239°	55.00	YES	19.00	YES				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
Ground	R1	Residential	Living Room	W1	149°	30.00	YES	8.00	YES	42.00	YES	8.00	YES
				W2	59°N	5.00	NO	0.00	NO				
				W23	239°	19.00	NO	3.00	NO				
	R2	Residential	KD	W3	149°	0.00	NO	0.00	NO	17.00	NO	3.00	NO
				W22	239°	17.00	NO	3.00	NO				
	R3	Residential	Bedroom	W4	149°	25.00	YES	1.00	NO	26.00	YES	1.00	NO
				W5	59°N	6.00	NO	0.00	NO				
	R4	Residential	Bedroom	W6	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R5	Residential	Bedroom	W7	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R6	Residential	LKD	W8	239°	2.00	NO	1.00	NO	34.00	YES	3.00	NO
				W9	149°	34.00	YES	3.00	NO				
				W10	59°N	0.00	NO	0.00	NO				
				W11	59°N	0.00	NO	0.00	NO				
R7	Residential	Kitchen	W12	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO	
R8	Residential	Living Room	W13	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO	
R9	Residential	Bedroom	W14	59°N	0.00	NO	0.00	NO	5.00	NO	0.00	NO	
			W15	329°N	5.00	NO	0.00	NO					
R10	Residential	Bedroom	W16	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO	
R11	Residential	Bedroom	W17	329°N	4.00	NO	0.00	NO	5.00	NO	0.00	NO	
			W18	239°	3.00	NO	0.00	NO					
R12	Residential	Bedroom	W19	329°N	0.00	NO	0.00	NO	27.00	YES	3.00	NO	
			W20	239°	27.00	YES	3.00	NO					
R13	Residential	Bedroom	W21	239°	22.00	NO	2.00	NO	27.00	YES	3.00	NO	

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										22.00	NO	2.00	NO
First	R1	Residential	LKD	W1	149°	39.00	YES	9.00	YES	57.00	YES	9.00	YES
				W2	59°N	8.00	NO	0.00	NO				
				W27	239°	28.00	YES	6.00	YES				
				W28	239°	27.00	YES	6.00	YES				
	R2	Residential	Bedroom	W3	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R3	Residential	Bedroom	W4	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R4	Residential	LKD	W5	239°	8.00	NO	7.00	YES	36.00	YES	7.00	YES
				W6	149°	33.00	YES	5.00	YES				
				W7	149°	33.00	YES	5.00	YES				
	R5	Residential	LKD	W8	149°	31.00	YES	3.00	NO	33.00	YES	3.00	NO
				W9	149°	31.00	YES	2.00	NO				
				W10	59°N	6.00	NO	0.00	NO				
	R6	Residential	Bedroom	W11	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
R7	Residential	Bedroom	W12	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO	
R8	Residential	LKD	W13	239°	2.00	NO	1.00	NO	41.00	YES	3.00	NO	
			W14	149°	41.00	YES	3.00	NO					
			W15	59°N	0.00	NO	0.00	NO					
R9	Residential	Kitchen	W16	59°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO	
R10	Residential	Living Room	W17	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO	
R11	Residential	Bedroom	W18	59°N	1.00	NO	0.00	NO	6.00	NO	0.00	NO	
			W19	329°N	5.00	NO	0.00	NO					
R12	Residential	Bedroom	W20	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO	
R13	Residential	Bedroom	W21	329°N	5.00	NO	0.00	NO					

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	R14	Residential	Bedroom	W22	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
				W23	239°	6.00	NO	0.00	NO				
	R15	Residential	Living Room	W24	329°N	1.00	NO	0.00	NO	8.00	NO	0.00	NO
				W25	239°	33.00	YES	5.00	YES				
	R16	Residential	Kitchen	W26	239°	31.00	YES	4.00	NO	33.00	YES	5.00	YES
						31.00	YES	4.00	NO	31.00	YES	4.00	NO
Second	R1	Residential	LKD	W1	149°	48.00	YES	12.00	YES				
				W2	59°N	9.00	NO	0.00	NO				
				W27	239°	38.00	YES	9.00	YES				
				W28	239°	35.00	YES	9.00	YES	72.00	YES	13.00	YES
	R2	Residential	Bedroom	W3	149°	1.00	NO	1.00	NO	1.00	NO	1.00	NO
	R3	Residential	Bedroom	W4	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R4	Residential	LKD	W5	239°	8.00	NO	7.00	YES				
				W6	149°	40.00	YES	7.00	YES	42.00	YES	9.00	YES
				W7	149°	40.00	YES	7.00	YES				
	R5	Residential	LKD	W8	149°	40.00	YES	5.00	YES				
				W9	149°	41.00	YES	5.00	YES				
				W10	59°N	8.00	NO	0.00	NO	42.00	YES	5.00	YES
	R6	Residential	Bedroom	W11	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R7	Residential	Bedroom	W12	149°	1.00	NO	1.00	NO	1.00	NO	1.00	NO
	R8	Residential	LKD	W13	239°	5.00	NO	4.00	NO				
				W14	149°	46.00	YES	7.00	YES				
				W15	59°N	0.00	NO	0.00	NO	47.00	YES	8.00	YES
	R9	Residential	Kitchen	W16	59°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO

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	R10	Residential	Living Room	W17	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R11	Residential	Bedroom	W18	59°N	1.00	NO	0.00	NO	6.00	NO	0.00	NO
				W19	329°N	5.00	NO	0.00	NO				
	R12	Residential	Bedroom	W20	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R13	Residential	Bedroom	W21	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R14	Residential	Bedroom	W22	329°N	5.00	NO	0.00	NO	8.00	NO	0.00	NO
				W23	239°	6.00	NO	0.00	NO				
	R15	Residential	Living Room	W24	329°N	2.00	NO	0.00	NO	41.00	YES	8.00	YES
				W25	239°	40.00	YES	8.00	YES				
	R16	Residential	Kitchen	W26	239°	37.00	YES	6.00	YES	37.00	YES	6.00	YES
Third	R1	Residential	LKD	W1	149°	53.00	YES	14.00	YES	82.00	YES	19.00	YES
				W2	59°N	8.00	NO	0.00	NO				
				W27	239°	43.00	YES	13.00	YES				
				W28	239°	42.00	YES	13.00	YES				
	R2	Residential	Bedroom	W3	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R3	Residential	Bedroom	W4	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R4	Residential	LKD	W5	239°	7.00	NO	7.00	YES	50.00	YES	13.00	YES
				W6	149°	49.00	YES	12.00	YES				
				W7	149°	48.00	YES	11.00	YES				
	R5	Residential	LKD	W8	149°	48.00	YES	11.00	YES	49.00	YES	12.00	YES
				W9	149°	48.00	YES	11.00	YES				
				W10	59°N	11.00	NO	2.00	NO				
	R6	Residential	Bedroom	W11	149°	1.00	NO	1.00	NO	1.00	NO	1.00	NO

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	R7	Residential	Bedroom	W12	149°	1.00	NO	1.00	NO	1.00	NO	1.00	NO
	R8	Residential	LKD	W13	239°	6.00	NO	6.00	YES	59.00	YES	15.00	YES
W14				149°	54.00	YES	14.00	YES					
W15				59°N	5.00	NO	0.00	NO					
	R9	Residential	Kitchen	W16	59°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R10	Residential	Living Room	W17	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R11	Residential	Bedroom	W18	59°N	1.00	NO	0.00	NO	6.00	NO	0.00	NO
				W19	329°N	5.00	NO	0.00	NO				
	R12	Residential	Bedroom	W20	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R13	Residential	Bedroom	W21	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
						5.00	NO	0.00	NO				
	R14	Residential	Bedroom	W22	329°N	5.00	NO	0.00	NO	21.00	NO	2.00	NO
				W23	239°	19.00	NO	2.00	NO				
	R15	Residential	Living Room	W24	329°N	9.00	NO	0.00	NO	46.00	YES	13.00	YES
				W25	239°	45.00	YES	13.00	YES				
	R16	Residential	Kitchen	W26	239°	45.00	YES	13.00	YES	45.00	YES	13.00	YES
<b>Block E</b>													
Ground	R1	Residential	Bedroom	W1	149°	4.00	NO	4.00	NO	31.00	YES	7.00	YES
				W27	239°	27.00	YES	3.00	NO				
	R2	Residential	LKD	W2	239°	4.00	NO	4.00	NO	41.00	YES	10.00	YES
				W3	149°	36.00	YES	6.00	YES				
				W4	149°	24.00	NO	6.00	YES				
	R3	Residential	LKD	W5	239°	11.00	NO	0.00	NO				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
				W6	149°	7.00	NO	6.00	YES	18.00	NO	6.00	YES
	R4	Residential	Bedroom	W7	239°	1.00	NO	1.00	NO				
				W8	149°	37.00	YES	7.00	YES	38.00	YES	8.00	YES
	R5	Residential	Bedroom	W9	149°	41.00	YES	11.00	YES	41.00	YES	11.00	YES
	R6	Residential	Bedroom	W10	149°	37.00	YES	14.00	YES				
				W11	59°N	0.00	NO	0.00	NO	37.00	YES	14.00	YES
	R7	Residential	LKD	W12	149°	9.00	NO	8.00	YES				
				W13	59°N	0.00	NO	0.00	NO	9.00	NO	8.00	YES
	R8	Residential	LKD	W14	149°	15.00	NO	1.00	NO				
				W15	149°	29.00	YES	7.00	YES				
				W16	59°N	6.00	NO	0.00	NO	34.00	YES	8.00	YES
	R9	Residential	Bedroom	W17	149°	7.00	NO	2.00	NO				
				W18	59°N	8.00	NO	0.00	NO	10.00	NO	2.00	NO
	R10	Residential	Bedroom	W19	59°N	7.00	NO	0.00	NO				
				W20	329°N	0.00	NO	0.00	NO	7.00	NO	0.00	NO
	R11	Residential	LKD	W21	59°N	0.00	NO	0.00	NO				
				W22	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R12	Residential	Bedroom	W23	329°N	1.00	NO	0.00	NO				
	R13	Residential	Bedroom	W24	329°N	2.00	NO	0.00	NO				
	R14	Residential	Bedroom	W25	329°N	4.00	NO	0.00	NO				
				W26	239°	34.00	YES	4.00	NO	35.00	YES	4.00	NO
First	R1	Residential	Bedroom	W1	149°	7.00	NO	7.00	YES				
				W34	239°	38.00	YES	6.00	YES	42.00	YES	10.00	YES



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	R2	Residential	LKD	W2	239°	6.00	NO	6.00	YES	47.00	YES	16.00	YES
				W3	149°	45.00	YES	14.00	YES				
				W4	149°	29.00	YES	11.00	YES				
	R3	Residential	LKD	W5	239°	16.00	NO	3.00	NO	25.00	YES	11.00	YES
				W6	149°	11.00	NO	10.00	YES				
	R4	Residential	Bedroom	W7	239°	3.00	NO	3.00	NO	47.00	YES	15.00	YES
				W8	149°	44.00	YES	12.00	YES				
	R5	Residential	Bedroom	W9	149°	46.00	YES	14.00	YES	49.00	YES	14.00	YES
				W10	59°N	5.00	NO	0.00	NO				
	R6	Residential	LKD	W11	149°	12.00	NO	11.00	YES	12.00	NO	11.00	YES
	R7	Residential	Bedroom	W12	149°	43.00	YES	17.00	YES				
				W13	59°N	3.00	NO	0.00	NO	46.00	YES	17.00	YES
	R8	Residential	LKD	W14	149°	12.00	NO	8.00	YES				
				W15	59°N	3.00	NO	0.00	NO	14.00	NO	8.00	YES
	R9	Residential	LKD	W16	149°	21.00	NO	2.00	NO				
				W17	149°	39.00	YES	9.00	YES	45.00	YES	11.00	YES
				W18	59°N	7.00	NO	0.00	NO				
				W21	59°N	10.00	NO	1.00	NO				
	R10	Residential	Bedroom	W19	149°	7.00	NO	1.00	NO				
				W20	59°N	9.00	NO	0.00	NO	10.00	NO	1.00	NO
	R11	Residential	Bedroom	W22	59°N	8.00	NO	0.00	NO				
				W23	329°N	0.00	NO	0.00	NO	8.00	NO	0.00	NO
	R12	Residential	LKD	W24	59°N	0.00	NO	0.00	NO				
				W25	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R13	Residential	Bedroom	W26	329°N	2.00	NO	0.00	NO				

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	R14	Residential	Bedroom	W27	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R15	Residential	Bedroom	W28	329°N	3.00	NO	0.00	NO	2.00	NO	0.00	NO
	R16	Residential	Bedroom	W29	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R17	Residential	LKD	W30	329°N	7.00	NO	0.00	NO	3.00	NO	0.00	NO
				W31	239°	20.00	NO	3.00	NO	25.00	YES	3.00	NO
	R18	Residential	Bedroom	W32	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
				W33	239°	40.00	YES	8.00	YES	41.00	YES	8.00	YES
Second	R1	Residential	Bedroom	W1	149°	12.00	NO	12.00	YES	44.00	YES	12.00	YES
				W32	239°	44.00	YES	12.00	YES	51.00	YES	19.00	YES
	R2	Residential	LKD	W2	239°	8.00	NO	8.00	YES	51.00	YES	20.00	YES
				W3	149°	51.00	YES	20.00	YES	35.00	YES	17.00	YES
				W4	149°	35.00	YES	17.00	YES	52.00	YES	21.00	YES
	R3	Residential	LKD	W5	239°	18.00	NO	5.00	YES	18.00	NO	17.00	YES
				W6	149°	18.00	NO	17.00	YES	34.00	YES	20.00	YES
	R4	Residential	Bedroom	W7	239°	7.00	NO	7.00	YES	53.00	YES	19.00	YES
				W8	149°	53.00	YES	19.00	YES	58.00	YES	24.00	YES
	R5	Residential	Bedroom	W9	149°	52.00	YES	18.00	YES	9.00	NO	0.00	NO
				W10	59°N	9.00	NO	0.00	NO	57.00	YES	18.00	YES
	R6	Residential	LKD	W11	149°	12.00	NO	11.00	YES	12.00	NO	11.00	YES
	R7	Residential	Bedroom	W12	149°	48.00	YES	17.00	YES	8.00	NO	0.00	NO
				W13	59°N	8.00	NO	0.00	NO	54.00	YES	17.00	YES
	R8	Residential	LKD	W14	149°	16.00	NO	10.00	YES	5.00	NO	0.00	NO
				W15	59°N	5.00	NO	0.00	NO				

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	R9	Residential	LKD	W16	149°	30.00	YES	4.00	NO	18.00	NO	10.00	YES
				W17	149°	46.00	YES	13.00	YES				
	R10	Residential	Bedroom	W18	149°	12.00	NO	4.00	NO	48.00	YES	15.00	YES
				W19	59°N	11.00	NO	0.00	NO	15.00	NO	4.00	NO
	R11	Residential	Bedroom	W20	59°N	9.00	NO	0.00	NO				
				W21	329°N	0.00	NO	0.00	NO	9.00	NO	0.00	NO
	R12	Residential	LKD	W22	59°N	0.00	NO	0.00	NO	6.00	NO	0.00	NO
				W23	329°N	6.00	NO	0.00	NO				
	R13	Residential	Bedroom	W24	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R14	Residential	Bedroom	W25	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R15	Residential	Bedroom	W26	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R16	Residential	Bedroom	W27	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R17	Residential	LKD	W28	329°N	8.00	NO	0.00	NO	27.00	YES	4.00	NO
				W29	239°	21.00	NO	4.00	NO				
	R18	Residential	Bedroom	W30	329°N	4.00	NO	0.00	NO	45.00	YES	12.00	YES
				W31	239°	44.00	YES	12.00	YES				
Third	R1	Residential	LKD	W1	149°	13.00	NO	13.00	YES	86.00	YES	28.00	YES
				W2	239°	9.00	NO	9.00	YES				
				W3	149°	48.00	YES	20.00	YES				
				W33	239°	45.00	YES	13.00	YES				
	R2	Residential	Bedroom	W4	149°	38.00	YES	17.00	YES	38.00	YES	17.00	YES
	R3	Residential	LKD	W5	239°	19.00	NO	6.00	YES	19.00	NO	18.00	YES
				W6	149°	19.00	NO	18.00	YES				

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	R4	Residential	Bedroom	W7	239°	8.00	NO	8.00	YES	35.00	YES	21.00	YES
				W8	149°	54.00	YES	20.00	YES				
	R5	Residential	Bedroom	W9	149°	54.00	YES	20.00	YES	60.00	YES	26.00	YES
				W10	59°N	10.00	NO	0.00	NO				
	R6	Residential	LKD	W11	149°	15.00	NO	14.00	YES	60.00	YES	20.00	YES
	R7	Residential	Bedroom	W12	149°	52.00	YES	18.00	YES	15.00	NO	14.00	YES
				W13	59°N	10.00	NO	0.00	NO				
	R8	Residential	LKD	W14	149°	19.00	NO	11.00	YES	58.00	YES	18.00	YES
				W15	59°N	5.00	NO	0.00	NO				
	R9	Residential	Bedroom	W16	149°	34.00	YES	8.00	YES	21.00	NO	11.00	YES
	R10	Residential	LKD	W17	149°	53.00	YES	19.00	YES	34.00	YES	8.00	YES
				W18	59°N	11.00	NO	2.00	NO				
				W19	149°	17.00	NO	9.00	YES				
				W20	59°N	13.00	NO	0.00	NO	60.00	YES	20.00	YES
	R11	Residential	Bedroom	W21	59°N	9.00	NO	0.00	NO				
				W22	329°N	0.00	NO	0.00	NO	9.00	NO	0.00	NO
	R12	Residential	LKD	W23	59°N	0.00	NO	0.00	NO				
				W24	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R13	Residential	Bedroom	W25	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R14	Residential	Bedroom	W26	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R15	Residential	Bedroom	W27	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R16	Residential	Bedroom	W28	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO

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	R17	Residential	LKD	W29	329°N	8.00	NO	0.00	NO	28.00	YES	5.00	YES
				W30	239°	22.00	NO	5.00	YES				
	R18	Residential	Bedroom	W31	329°N	4.00	NO	0.00	NO	46.00	YES	13.00	YES
				W32	239°	45.00	YES	13.00	YES				
Fourth	R1	Residential	LKD	W1	149°	14.00	NO	14.00	YES	90.00	YES	30.00	YES
				W2	239°	12.00	NO	12.00	YES				
				W3	149°	52.00	YES	20.00	YES				
				W33	239°	47.00	YES	15.00	YES				
	R2	Residential	Bedroom	W4	149°	38.00	YES	17.00	YES	38.00	YES	17.00	YES
	R3	Residential	LKD	W5	239°	19.00	NO	5.00	YES	36.00	YES	21.00	YES
				W6	149°	18.00	NO	17.00	YES				
	R4	Residential	Bedroom	W7	239°	9.00	NO	9.00	YES	62.00	YES	27.00	YES
				W8	149°	56.00	YES	21.00	YES				
	R5	Residential	Bedroom	W9	149°	56.00	YES	21.00	YES	61.00	YES	21.00	YES
				W10	59°N	10.00	NO	0.00	NO				
	R6	Residential	LKD	W11	149°	14.00	NO	13.00	YES	14.00	NO	13.00	YES
	R7	Residential	Bedroom	W12	149°	56.00	YES	21.00	YES	62.00	YES	21.00	YES
				W13	59°N	11.00	NO	0.00	NO				
	R8	Residential	LKD	W14	149°	18.00	NO	11.00	YES	20.00	NO	11.00	YES
				W15	59°N	4.00	NO	0.00	NO				
	R9	Residential	Bedroom	W16	149°	40.00	YES	10.00	YES	40.00	YES	10.00	YES
	R10	Residential	LKD	W17	149°	54.00	YES	20.00	YES	40.00	YES	10.00	YES
				W18	59°N	11.00	NO	2.00	NO				
				W19	149°	16.00	NO	9.00	YES				
				W20	59°N	13.00	NO	0.00	NO				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R11	Residential	Bedroom	W21	59°N	10.00	NO	0.00	NO	60.00	YES	20.00	YES
				W22	329°N	0.00	NO	0.00	NO				
	R12	Residential	LKD	W23	59°N	0.00	NO	0.00	NO	10.00	NO	0.00	NO
				W24	329°N	7.00	NO	0.00	NO				
	R13	Residential	Bedroom	W25	329°N	3.00	NO	0.00	NO	7.00	NO	0.00	NO
	R14	Residential	Bedroom	W26	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R15	Residential	Bedroom	W27	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R16	Residential	Bedroom	W28	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R17	Residential	LKD	W29	329°N	8.00	NO	0.00	NO	4.00	NO	0.00	NO
				W30	239°	22.00	NO	5.00	YES	4.00	NO	0.00	NO
	R18	Residential	Bedroom	W31	329°N	4.00	NO	0.00	NO	30.00	YES	5.00	YES
				W32	239°	47.00	YES	15.00	YES	48.00	YES	15.00	YES
Fifth	R1	Residential	LKD	W1	149°	64.00	YES	24.00	YES				
				W2	149°	58.00	YES	24.00	YES				
				W21	239°	53.00	YES	18.00	YES	95.00	YES	30.00	YES
	R2	Residential	Bedroom	W3	239°	36.00	YES	14.00	YES				
				W4	149°	66.00	YES	24.00	YES	85.00	YES	29.00	YES
	R3	Residential	Bedroom	W5	149°	66.00	YES	24.00	YES	66.00	YES	24.00	YES
	R4	Residential	LKD	W6	149°	66.00	YES	24.00	YES	66.00	YES	24.00	YES
	R5	Residential	Bedroom	W7	149°	66.00	YES	24.00	YES	66.00	YES	24.00	YES
	R6	Residential	Bedroom	W8	149°	66.00	YES	24.00	YES	66.00	YES	24.00	YES
				W9	59°N	14.00	NO	0.00	NO				

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	R7	Residential	LKD	W10	149°	59.00	YES	17.00	YES	69.00	YES	24.00	YES
				W11	149°	65.00	YES	23.00	YES				
				W12	59°N	22.00	NO	3.00	NO				
	R8	Residential	LKD	W13	59°N	5.00	NO	0.00	NO	67.00	YES	23.00	YES
				W14	59°N	14.00	NO	0.00	NO				
				W15	329°N	8.00	NO	0.00	NO				
	R9	Residential	Bedroom	W16	329°N	8.00	NO	0.00	NO	22.00	NO	0.00	NO
	R10	Residential	Bedroom	W17	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R11	Residential	LKD	W18	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
				W19	239°	46.00	YES	14.00	YES				
				W20	239°	40.00	YES	7.00	YES				
						48.00	YES			48.00	YES	14.00	YES
<b>Block F</b>													
Ground	R1	Residential	LKD	W1	59°N	16.00	NO	0.00	NO	16.00	NO	0.00	NO
	R2	Residential	LKD	W2	59°N	16.00	NO	1.00	NO				
	R3	Residential	LKD	W3	59°N	17.00	NO	1.00	NO				
	R4	Residential	LKD	W4	59°N	17.00	NO	2.00	NO				
						17.00	NO			17.00	NO	2.00	NO
First	R1	Residential	Bedroom	W1	59°N	14.00	NO	0.00	NO	14.00	NO	0.00	NO
	R2	Residential	Bedroom	W2	59°N	10.00	NO	0.00	NO				
	R3	Residential	Bedroom	W3	59°N	14.00	NO	1.00	NO				
	R4	Residential	Bedroom	W4	59°N	7.00	NO	0.00	NO				
						7.00	NO			7.00	NO	0.00	NO

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R5	Residential	Bedroom	W5	59°N	13.00	NO	1.00	NO	13.00	NO	1.00	NO
	R6	Residential	Bedroom	W6	59°N	7.00	NO	0.00	NO	7.00	NO	0.00	NO
	R7	Residential	Bedroom	W7	59°N	14.00	NO	2.00	NO	14.00	NO	2.00	NO
	R8	Residential	Bedroom	W8	59°N	7.00	NO	0.00	NO	7.00	NO	0.00	NO
	R9	Residential	Living Room	W9	329°N	3.00	NO	0.00	NO	34.00	YES	7.00	YES
W10				239°	31.00	YES	7.00	YES					
W11				239°	32.00	YES	7.00	YES					
	R10	Residential	Living Room	W12	239°	32.00	YES	8.00	YES	32.00	YES	8.00	YES
W13				239°	30.00	YES	6.00	YES					
	R11	Residential	Living Room	W14	239°	33.00	YES	8.00	YES	37.00	YES	11.00	YES
W15				239°	35.00	YES	9.00	YES					
	R12	Residential	Living Room	W16	239°	36.00	YES	8.00	YES	36.00	YES	8.00	YES
W17				239°	36.00	YES	8.00	YES					
Second	R1	Residential	Bedroom	W1	59°N	17.00	NO	2.00	NO	17.00	NO	2.00	NO
	R2	Residential	Bedroom	W2	59°N	17.00	NO	2.00	NO	17.00	NO	2.00	NO
	R3	Residential	Bedroom	W3	59°N	16.00	NO	2.00	NO	16.00	NO	2.00	NO
	R4	Residential	Bedroom	W4	59°N	16.00	NO	2.00	NO	16.00	NO	2.00	NO
	R5	Residential	Bedroom	W5	239°	41.00	YES	10.00	YES	41.00	YES	10.00	YES
	R6	Residential	Bedroom	W6	239°	39.00	YES	10.00	YES	39.00	YES	10.00	YES
	R7	Residential	Bedroom	W7	239°	43.00	YES	13.00	YES	43.00	YES	13.00	YES
	R8	Residential	Bedroom	W8	239°	41.00	YES	10.00	YES	43.00	YES	13.00	YES



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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
										41.00	YES	10.00	YES
<b>Block G</b>													
Ground	R1	Residential	LKD	W1	149°	49.00	YES	21.00	YES	65.00	YES	23.00	YES
				W14	329°N	4.00	NO	0.00	NO				
				W15	239°	15.00	NO	3.00	NO				
R2	Residential	LKD	W2	149°	49.00	YES	21.00	YES	54.00	YES	21.00	YES	
			W13	329°N	5.00	NO	0.00	NO					
R3	Residential	LKD	W3	149°	48.00	YES	20.00	YES	52.00	YES	20.00	YES	
			W12	329°N	4.00	NO	0.00	NO					
R4	Residential	LKD	W4	149°	49.00	YES	21.00	YES	53.00	YES	21.00	YES	
			W11	329°N	4.00	NO	0.00	NO					
R5	Residential	LKD	W5	149°	48.00	YES	20.00	YES	53.00	YES	20.00	YES	
			W10	329°N	5.00	NO	0.00	NO					
R6	Residential	LKD	W6	149°	49.00	YES	21.00	YES	56.00	YES	21.00	YES	
			W9	329°N	7.00	NO	0.00	NO					
R7	Residential	LKD	W7	149°	49.00	YES	21.00	YES	56.00	YES	21.00	YES	
			W8	329°N	7.00	NO	0.00	NO					
										56.00	YES	21.00	YES
First	R1	Residential	Bedroom	W1	149°	58.00	YES	21.00	YES	58.00	YES	21.00	YES
	R2	Residential	Bedroom	W2	149°	33.00	YES	13.00	YES	33.00	YES	13.00	YES
	R3	Residential	Bedroom	W3	149°	34.00	YES	14.00	YES	34.00	YES	14.00	YES
	R4	Residential	Bedroom	W4	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R5	Residential	Bedroom	W5	149°	58.00	YES	21.00	YES	58.00	YES	21.00	YES

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R6	Residential	Bedroom	W6	149°	33.00	YES	13.00	YES	33.00	YES	13.00	YES
	R7	Residential	Bedroom	W7	149°	33.00	YES	13.00	YES	33.00	YES	13.00	YES
	R8	Residential	Bedroom	W8	149°	58.00	YES	21.00	YES	58.00	YES	21.00	YES
	R9	Residential	Bedroom	W9	149°	58.00	YES	21.00	YES	58.00	YES	21.00	YES
	R10	Residential	Bedroom	W10	149°	34.00	YES	14.00	YES	34.00	YES	14.00	YES
	R11	Residential	Bedroom	W11	149°	34.00	YES	14.00	YES	34.00	YES	14.00	YES
	R12	Residential	Bedroom	W12	149°	58.00	YES	21.00	YES	58.00	YES	21.00	YES
	R13	Residential	Bedroom	W13	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R14	Residential	Bedroom	W14	149°	34.00	YES	14.00	YES	34.00	YES	14.00	YES
	R15	Residential	Living Room	W15	329°N	4.00	NO	0.00	NO	5.00	NO	0.00	NO
				W16	329°N	4.00	NO	0.00	NO				
	R16	Residential	Living Room	W17	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
				W18	329°N	4.00	NO	0.00	NO				
	R17	Residential	Living Room	W19	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
				W20	329°N	3.00	NO	0.00	NO				
	R18	Residential	Living Room	W21	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
				W22	329°N	0.00	NO	0.00	NO				
	R19	Residential	Living Room	W23	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W24	329°N	0.00	NO	0.00	NO				
	R20	Residential	Living Room	W25	329°N	1.00	NO	0.00	NO	3.00	NO	0.00	NO
				W26	329°N	3.00	NO	0.00	NO				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R21	Residential	Living Room	W27	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
				W28	329°N	1.00	NO	0.00	NO				
Second	R1	Residential	Bedroom	W1	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R2	Residential	Bedroom	W2	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R3	Residential	Bedroom	W3	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R4	Residential	Bedroom	W4	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R5	Residential	Bedroom	W5	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R6	Residential	Bedroom	W6	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R7	Residential	Bedroom	W7	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R8	Residential	Bedroom	W8	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R9	Residential	Bedroom	W9	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R10	Residential	Bedroom	W10	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R11	Residential	Bedroom	W11	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R12	Residential	Bedroom	W12	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R13	Residential	Bedroom	W13	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R14	Residential	Bedroom	W14	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
<b>Block H</b>													
Ground	R1	Residential	LKD	W1	59°N	0.00	NO	0.00	NO				
				W8	239°	38.00	YES	8.00	YES				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R2	Residential	LKD	W2	59°N	0.00	NO	0.00	NO	38.00	YES	8.00	YES
				W7	239°	39.00	YES	10.00	YES				
	R3	Residential	LKD	W3	59°N	0.00	NO	0.00	NO	39.00	YES	10.00	YES
				W6	239°	40.00	YES	12.00	YES				
	R4	Residential	LKD	W4	59°N	0.00	NO	0.00	NO	40.00	YES	12.00	YES
				W5	239°	39.00	YES	12.00	YES				
						39.00	YES	12.00	YES				
First	R1	Residential	Bedroom	W1	59°N	16.00	NO	1.00	NO	16.00	NO	1.00	NO
	R2	Residential	Bedroom	W2	59°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R3	Residential	Bedroom	W3	59°N	12.00	NO	1.00	NO	12.00	NO	1.00	NO
	R4	Residential	Bedroom	W4	59°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R5	Residential	Bedroom	W5	59°N	9.00	NO	1.00	NO	9.00	NO	1.00	NO
	R6	Residential	Bedroom	W6	59°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R7	Residential	Bedroom	W7	59°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R8	Residential	Bedroom	W8	59°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R9	Residential	Living Room	W9	329°N	0.00	NO	0.00	NO	40.00	YES	12.00	YES
				W10	239°	39.00	YES	12.00	YES				
				W11	239°	39.00	YES	11.00	YES				
	R10	Residential	Living Room	W12	239°	41.00	YES	11.00	YES	42.00	YES	11.00	YES
				W13	239°	42.00	YES	11.00	YES				
	R11	Residential	Living Room	W14	239°	43.00	YES	11.00	YES	43.00	YES	11.00	YES
				W15	239°	43.00	YES	11.00	YES				
						43.00	YES	11.00	YES				

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	R12	Residential	Living Room	W16 W17	239° 239°	41.00 41.00	YES YES	9.00 9.00	YES YES	41.00	YES	9.00	YES
Second	R1	Residential	Bedroom	W1	59°N	17.00	NO	2.00	NO	17.00	NO	2.00	NO
	R2	Residential	Bedroom	W2	59°N	13.00	NO	2.00	NO	13.00	NO	2.00	NO
	R3	Residential	Bedroom	W3	59°N	13.00	NO	2.00	NO	13.00	NO	2.00	NO
	R4	Residential	Bedroom	W4	59°N	12.00	NO	1.00	NO	12.00	NO	1.00	NO
	R5	Residential	Bedroom	W5	239°	42.00	YES	13.00	YES	42.00	YES	13.00	YES
	R6	Residential	Bedroom	W6	239°	45.00	YES	13.00	YES	45.00	YES	13.00	YES
	R7	Residential	Bedroom	W7	239°	46.00	YES	13.00	YES	46.00	YES	13.00	YES
	R8	Residential	Bedroom	W8	239°	48.00	YES	14.00	YES	48.00	YES	14.00	YES
Third	R1	Residential	Bedroom	W1	59°N	19.00	NO	2.00	NO	19.00	NO	2.00	NO
	R2	Residential	Bedroom	W2	59°N	19.00	NO	2.00	NO	19.00	NO	2.00	NO
	R3	Residential	Bedroom	W3	59°N	19.00	NO	2.00	NO	19.00	NO	2.00	NO
	R4	Residential	Bedroom	W4	59°N	19.00	NO	2.00	NO	19.00	NO	2.00	NO
	R5	Residential	Living Room	W5	239°	44.00	YES	15.00	YES	44.00	YES	15.00	YES
	R6	Residential	Living Room	W6	239°	47.00	YES	15.00	YES	47.00	YES	15.00	YES
	R7	Residential	Living Room	W7	239°	49.00	YES	15.00	YES	49.00	YES	15.00	YES
	R8	Residential	Living Room	W8	239°	39.00	YES	8.00	YES	39.00	YES	8.00	YES

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
<b>Block 1</b>													
Ground	R1	Residential	Bedroom	W1	149°	6.00	NO	6.00	YES	22.00	NO	8.00	YES
				W27	239°	19.00	NO	5.00	YES				
	R2	Residential	LKD	W2	239°	4.00	NO	4.00	NO	36.00	YES	9.00	YES
				W3	149°	28.00	YES	5.00	YES				
				W4	149°	20.00	NO	5.00	YES				
	R3	Residential	LKD	W5	239°	17.00	NO	4.00	NO	23.00	NO	9.00	YES
				W6	149°	8.00	NO	7.00	YES				
	R4	Residential	Bedroom	W7	239°	0.00	NO	0.00	NO	36.00	YES	7.00	YES
				W8	149°	36.00	YES	7.00	YES				
	R5	Residential	Bedroom	W9	149°	43.00	YES	14.00	YES	43.00	YES	14.00	YES
	R6	Residential	Bedroom	W10	149°	37.00	YES	14.00	YES	40.00	YES	14.00	YES
				W11	59°N	3.00	NO	0.00	NO				
R7	Residential	LKD	W12	149°	10.00	NO	8.00	YES	10.00	NO	8.00	YES	
			W13	59°N	1.00	NO	0.00	NO					
R8	Residential	LKD	W14	149°	22.00	NO	1.00	NO	38.00	YES	7.00	YES	
			W15	149°	35.00	YES	6.00	YES					
			W16	59°N	5.00	NO	0.00	NO					
R9	Residential	Bedroom	W17	149°	6.00	NO	3.00	NO	11.00	NO	3.00	NO	
			W18	59°N	8.00	NO	0.00	NO					
R10	Residential	Bedroom	W19	59°N	7.00	NO	0.00	NO	7.00	NO	0.00	NO	
			W20	329°N	0.00	NO	0.00	NO					
R11	Residential	Bedroom	W21	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO	
R12	Residential	Bedroom	W22	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO	

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	R13	Residential	LKD	W23	329°N	2.00	NO	0.00	NO	0.00	NO	0.00	NO
				W24	239°	17.00	NO	2.00	NO				
	R14	Residential	Bedroom	W25	329°N	0.00	NO	0.00	NO	17.00	NO	2.00	NO
				W26	239°	20.00	NO	5.00	YES				
						20.00				20.00	NO	5.00	YES
First	R1	Residential	Bedroom	W1	149°	7.00	NO	7.00	YES				
				W33	239°	27.00	YES	6.00	YES	30.00	YES	9.00	YES
	R2	Residential	LKD	W2	239°	6.00	NO	6.00	YES				
				W3	149°	35.00	YES	6.00	YES				
				W4	149°	17.00	NO	6.00	YES				
						41.00				41.00	YES	11.00	YES
	R3	Residential	LKD	W5	239°	18.00	NO	5.00	YES				
				W6	149°	10.00	NO	9.00	YES	26.00	YES	12.00	YES
	R4	Residential	Bedroom	W7	239°	1.00	NO	1.00	NO				
				W8	149°	44.00	YES	11.00	YES	45.00	YES	12.00	YES
	R5	Residential	LKD	W9	149°	12.00	NO	11.00	YES	12.00	NO	11.00	YES
	R6	Residential	Bedroom	W10	239°	2.00	NO	2.00	NO				
				W11	149°	47.00	YES	15.00	YES	49.00	YES	17.00	YES
	R7	Residential	Bedroom	W12	149°	47.00	YES	15.00	YES				
				W13	59°N	9.00	NO	0.00	NO	53.00	YES	15.00	YES
	R8	Residential	LKD	W14	149°	14.00	NO	8.00	YES				
				W15	59°N	3.00	NO	0.00	NO	15.00	NO	8.00	YES
	R9	Residential	LKD	W16	149°	30.00	YES	4.00	NO				
				W17	149°	46.00	YES	13.00	YES				
				W18	59°N	8.00	NO	1.00	NO	48.00	YES	14.00	YES
	R10	Residential	Bedroom	W19	149°	9.00	NO	5.00	YES				

Project Name: Ham Close  
 Project No.: HA 167\_R02  
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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
				W20	59°N	10.00	NO	0.00	NO				
	R11	Residential	Bedroom	W21	59°N	8.00	NO	0.00	NO	15.00	NO	5.00	YES
				W22	329°N	0.00	NO	0.00	NO				
	R12	Residential	LKD	W23	59°N	0.00	NO	0.00	NO	8.00	NO	0.00	NO
				W24	329°N	2.00	NO	0.00	NO				
	R13	Residential	Bedroom	W25	329°N	1.00	NO	0.00	NO	2.00	NO	0.00	NO
	R14	Residential	Bedroom	W26	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R15	Residential	Bedroom	W27	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R16	Residential	Bedroom	W28	329°N	0.00	NO	0.00	NO	1.00	NO	0.00	NO
	R17	Residential	LKD	W29	329°N	2.00	NO	0.00	NO	0.00	NO	0.00	NO
				W30	239°	18.00	NO	2.00	NO				
	R18	Residential	Bedroom	W31	329°N	0.00	NO	0.00	NO	18.00	NO	2.00	NO
				W32	239°	26.00	YES	5.00	YES				
						26.00	YES			26.00	YES	5.00	YES
Second	R1	Residential	Bedroom	W1	149°	10.00	NO	10.00	YES				
				W33	239°	33.00	YES	8.00	YES				
						38.00	YES			38.00	YES	13.00	YES
	R2	Residential	LKD	W2	239°	9.00	NO	9.00	YES				
				W3	149°	43.00	YES	12.00	YES				
				W4	149°	30.00	YES	12.00	YES				
						48.00	YES			48.00	YES	17.00	YES
	R3	Residential	LKD	W5	239°	19.00	NO	6.00	YES				
				W6	149°	13.00	NO	12.00	YES				
						30.00	YES			30.00	YES	16.00	YES
	R4	Residential	Bedroom	W7	239°	4.00	NO	4.00	NO				
				W8	149°	51.00	YES	17.00	YES				
						55.00	YES			55.00	YES	21.00	YES
	R5	Residential	LKD	W9	149°	13.00	NO	12.00	YES				



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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R6	Residential	Bedroom	W10	239°	4.00	NO	4.00	NO	13.00	NO	12.00	YES
				W11	149°	52.00	YES	18.00	YES				
	R7	Residential	Bedroom	W12	149°	52.00	YES	18.00	YES	55.00	YES	21.00	YES
				W13	59°N	11.00	NO	0.00	NO				
	R8	Residential	LKD	W14	149°	19.00	NO	11.00	YES	59.00	YES	18.00	YES
				W15	59°N	5.00	NO	0.00	NO				
	R9	Residential	LKD	W16	149°	35.00	YES	9.00	YES	21.00	NO	11.00	YES
				W17	149°	52.00	YES	19.00	YES				
				W18	59°N	10.00	NO	1.00	NO				
	R10	Residential	Bedroom	W19	149°	17.00	NO	9.00	YES	54.00	YES	19.00	YES
				W20	59°N	13.00	NO	0.00	NO				
	R11	Residential	Bedroom	W21	59°N	9.00	NO	0.00	NO	22.00	NO	9.00	YES
				W22	329°N	0.00	NO	0.00	NO				
	R12	Residential	LKD	W23	59°N	0.00	NO	0.00	NO	9.00	NO	0.00	NO
				W24	329°N	4.00	NO	0.00	NO				
	R13	Residential	Bedroom	W25	329°N	2.00	NO	0.00	NO	4.00	NO	0.00	NO
	R14	Residential	Bedroom	W26	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R15	Residential	Bedroom	W27	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R16	Residential	Bedroom	W28	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R17	Residential	LKD	W29	329°N	3.00	NO	0.00	NO	2.00	NO	0.00	NO
				W30	239°	19.00	NO	2.00	NO				
	R18	Residential	Bedroom	W31	329°N	2.00	NO	0.00	NO	20.00	NO	2.00	NO
				W32	239°	34.00	YES	8.00	YES				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
										34.00	YES	8.00	YES
Third	R1	Residential	LKD	W1	149°	13.00	NO	13.00	YES				
				W2	239°	9.00	NO	9.00	YES				
				W3	149°	50.00	YES	20.00	YES				
				W33	239°	42.00	YES	11.00	YES				
						83.00				83.00	YES	26.00	YES
	R2	Residential	Bedroom	W4	149°	35.00	YES	17.00	YES				
						35.00				35.00	YES	17.00	YES
	R3	Residential	LKD	W5	239°	20.00	NO	7.00	YES				
				W6	149°	18.00	NO	17.00	YES				
						35.00				35.00	YES	21.00	YES
	R4	Residential	Bedroom	W7	239°	8.00	NO	8.00	YES				
				W8	149°	54.00	YES	20.00	YES				
						60.00				60.00	YES	26.00	YES
	R5	Residential	LKD	W9	149°	13.00	NO	12.00	YES				
						13.00				13.00	NO	12.00	YES
	R6	Residential	Bedroom	W10	239°	7.00	NO	7.00	YES				
				W11	149°	54.00	YES	20.00	YES				
						59.00				59.00	YES	25.00	YES
	R7	Residential	Bedroom	W12	149°	54.00	YES	20.00	YES				
				W13	59°N	11.00	NO	0.00	NO				
						61.00				61.00	YES	20.00	YES
	R8	Residential	LKD	W14	149°	20.00	NO	12.00	YES				
				W15	59°N	6.00	NO	0.00	NO				
						23.00				23.00	NO	12.00	YES
	R9	Residential	Bedroom	W16	149°	36.00	YES	10.00	YES				
						36.00				36.00	YES	10.00	YES
	R10	Residential	LKD	W17	149°	52.00	YES	20.00	YES				
				W18	59°N	11.00	NO	2.00	NO				
				W19	149°	17.00	NO	9.00	YES				
				W20	59°N	13.00	NO	0.00	NO				
						58.00				58.00	YES	20.00	YES
	R11	Residential	Bedroom	W21	59°N	9.00	NO	0.00	NO				
				W22	329°N	0.00	NO	0.00	NO				
						9.00				9.00	NO	0.00	NO
	R12	Residential	LKD	W23	59°N	0.00	NO	0.00	NO				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
				W24	329°N	6.00	NO	0.00	NO				
	R13	Residential	Bedroom	W25	329°N	3.00	NO	0.00	NO	6.00	NO	0.00	NO
	R14	Residential	Bedroom	W26	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R15	Residential	Bedroom	W27	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R16	Residential	Bedroom	W28	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R17	Residential	LKD	W29	329°N	5.00	NO	0.00	NO	3.00	NO	0.00	NO
				W30	239°	21.00	NO	4.00	NO	24.00	NO	4.00	NO
	R18	Residential	Bedroom	W31	329°N	3.00	NO	0.00	NO				
				W32	239°	39.00	YES	8.00	YES	39.00	YES	8.00	YES
Fourth	R1	Residential	LKD	W1	149°	14.00	NO	14.00	YES				
				W2	239°	9.00	NO	9.00	YES				
				W3	149°	52.00	YES	20.00	YES	87.00	YES	27.00	YES
				W33	239°	44.00	YES	12.00	YES	39.00	YES	18.00	YES
	R2	Residential	Bedroom	W4	149°	39.00	YES	18.00	YES				
	R3	Residential	LKD	W5	239°	23.00	NO	7.00	YES	38.00	YES	21.00	YES
				W6	149°	18.00	NO	17.00	YES				
	R4	Residential	Bedroom	W7	239°	9.00	NO	9.00	YES	62.00	YES	27.00	YES
				W8	149°	56.00	YES	21.00	YES	12.00	NO	11.00	YES
	R5	Residential	LKD	W9	149°	12.00	NO	11.00	YES				
	R6	Residential	Bedroom	W10	239°	7.00	NO	7.00	YES	60.00	YES	25.00	YES
				W11	149°	56.00	YES	21.00	YES				
	R7	Residential	Bedroom	W12	149°	56.00	YES	21.00	YES				
				W13	59°N	11.00	NO	0.00	NO				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R8	Residential	LKD	W14	149°	19.00	NO	12.00	YES	62.00	YES	21.00	YES
				W15	59°N	6.00	NO	0.00	NO				
	R9	Residential	Bedroom	W16	149°	40.00	YES	10.00	YES	22.00	NO	12.00	YES
	R10	Residential	LKD	W17	149°	55.00	YES	20.00	YES	40.00	YES	10.00	YES
				W18	59°N	10.00	NO	2.00	NO				
				W19	149°	16.00	NO	9.00	YES				
				W20	59°N	13.00	NO	0.00	NO				
	R11	Residential	Bedroom	W21	59°N	12.00	NO	0.00	NO	60.00	YES	20.00	YES
				W22	329°N	1.00	NO	0.00	NO				
	R12	Residential	LKD	W23	59°N	0.00	NO	0.00	NO	13.00	NO	0.00	NO
				W24	329°N	9.00	NO	0.00	NO				
	R13	Residential	Bedroom	W25	329°N	5.00	NO	0.00	NO	9.00	NO	0.00	NO
	R14	Residential	Bedroom	W26	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R15	Residential	Bedroom	W27	329°N	4.00	NO	0.00	NO	5.00	NO	0.00	NO
	R16	Residential	Bedroom	W28	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R17	Residential	LKD	W29	329°N	8.00	NO	0.00	NO	4.00	NO	0.00	NO
				W30	239°	23.00	NO	4.00	NO				
	R18	Residential	Bedroom	W31	329°N	3.00	NO	0.00	NO	29.00	YES	4.00	NO
				W32	239°	42.00	YES	10.00	YES				
						42.00	YES				YES	10.00	YES
Fifth	R1	Residential	LKD	W1	149°	64.00	YES	24.00	YES	94.00	YES	29.00	YES
				W2	149°	58.00	YES	24.00	YES				
				W21	239°	52.00	YES	17.00	YES				
	R2	Residential	Bedroom	W3	239°	37.00	YES	14.00	YES				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
				W4	149°	66.00	YES	24.00	YES	86.00	YES	29.00	YES
	R3	Residential	Bedroom	W5	149°	66.00	YES	24.00	YES	66.00	YES	24.00	YES
	R4	Residential	LKD	W6	149°	66.00	YES	24.00	YES	66.00	YES	24.00	YES
	R5	Residential	Bedroom	W7	149°	66.00	YES	24.00	YES	66.00	YES	24.00	YES
	R6	Residential	Bedroom	W8	149°	66.00	YES	24.00	YES	66.00	YES	24.00	YES
				W9	59°N	14.00	NO	0.00	NO	69.00	YES	24.00	YES
	R7	Residential	LKD	W10	149°	59.00	YES	17.00	YES	67.00	YES	23.00	YES
				W11	149°	65.00	YES	23.00	YES				
				W12	59°N	22.00	NO	3.00	NO				
	R8	Residential	LKD	W13	59°N	4.00	NO	0.00	NO	21.00	NO	0.00	NO
				W14	59°N	13.00	NO	0.00	NO	8.00	NO	0.00	NO
				W15	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R9	Residential	Bedroom	W16	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R10	Residential	Bedroom	W17	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R11	Residential	LKD	W18	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
				W19	239°	46.00	YES	14.00	YES				
				W20	239°	39.00	YES	6.00	YES	48.00	YES	14.00	YES
<b>Block J</b>													
Ground	R1	Residential	LKD	W1	59°N	16.00	NO	0.00	NO	16.00	NO	0.00	NO
				W8	239°	0.00	NO	0.00	NO				
	R2	Residential	LKD	W2	59°N	16.00	NO	1.00	NO	16.00	NO	1.00	NO
				W7	239°	0.00	NO	0.00	NO	16.00	NO	1.00	NO

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	R3	Residential	LKD	W3	59°N	17.00	NO	1.00	NO	17.00	NO	1.00	NO
				W6	239°	0.00	NO	0.00	NO				
	R4	Residential	LKD	W4	59°N	18.00	NO	2.00	NO	19.00	NO	3.00	NO
				W5	239°	1.00	NO	1.00	NO				
First	R1	Residential	Living Room	W1	149°	28.00	YES	6.00	YES	39.00	YES	6.00	YES
				W2	59°N	14.00	NO	0.00	NO				
				W3	59°N	15.00	NO	0.00	NO				
	R2	Residential	Living Room	W4	59°N	15.00	NO	1.00	NO	15.00	NO	1.00	NO
				W5	59°N	15.00	NO	1.00	NO				
	R3	Residential	Living Room	W6	59°N	15.00	NO	1.00	NO	15.00	NO	1.00	NO
				W7	59°N	15.00	NO	1.00	NO				
	R4	Residential	Living Room	W8	59°N	16.00	NO	2.00	NO	16.00	NO	2.00	NO
				W9	59°N	16.00	NO	2.00	NO				
	R5	Residential	Bedroom	W10	239°	32.00	YES	6.00	YES	32.00	YES	6.00	YES
	R6	Residential	Bedroom	W11	239°	21.00	NO	2.00	NO	21.00	NO	2.00	NO
	R7	Residential	Bedroom	W12	239°	31.00	YES	6.00	YES	31.00	YES	6.00	YES
	R8	Residential	Bedroom	W13	239°	21.00	NO	2.00	NO	21.00	NO	2.00	NO
	R9	Residential	Bedroom	W14	239°	31.00	YES	7.00	YES	31.00	YES	7.00	YES
	R10	Residential	Bedroom	W15	239°	22.00	NO	3.00	NO	22.00	NO	3.00	NO
	R11	Residential	Bedroom	W16	239°	33.00	YES	9.00	YES	33.00	YES	9.00	YES
	R12	Residential	Bedroom	W17	239°	25.00	YES	6.00	YES	25.00	YES	6.00	YES
Second	R1	Residential	Bedroom	W1	59°N	17.00	NO	2.00	NO				

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	R2	Residential	Bedroom	W2	59°N	17.00	NO	2.00	NO	17.00	NO	2.00	NO
	R3	Residential	Bedroom	W3	59°N	17.00	NO	2.00	NO	17.00	NO	2.00	NO
	R4	Residential	Bedroom	W4	59°N	17.00	NO	2.00	NO	17.00	NO	2.00	NO
	R5	Residential	Bedroom	W5	239°	37.00	YES	8.00	YES	37.00	YES	8.00	YES
	R6	Residential	Bedroom	W6	239°	35.00	YES	7.00	YES	35.00	YES	7.00	YES
	R7	Residential	Bedroom	W7	239°	37.00	YES	8.00	YES	37.00	YES	8.00	YES
	R8	Residential	Bedroom	W8	239°	40.00	YES	10.00	YES	40.00	YES	10.00	YES
Third	R1	Residential	Living Room	W1	59°N	19.00	NO	0.00	NO	19.00	NO	0.00	NO
	R2	Residential	Living Room	W2	59°N	21.00	NO	1.00	NO	21.00	NO	1.00	NO
	R3	Residential	Living Room	W3	59°N	22.00	NO	2.00	NO	22.00	NO	2.00	NO
	R4	Residential	Living Room	W4	59°N	21.00	NO	1.00	NO	21.00	NO	1.00	NO
	R5	Residential	Bedroom	W5	239°	43.00	YES	14.00	YES	43.00	YES	14.00	YES
	R6	Residential	Bedroom	W6	239°	45.00	YES	14.00	YES	45.00	YES	14.00	YES
	R7	Residential	Bedroom	W7	239°	47.00	YES	14.00	YES	47.00	YES	14.00	YES
	R8	Residential	Bedroom	W8	239°	47.00	YES	14.00	YES	47.00	YES	14.00	YES
<b>Block K</b>													
Ground	R1	Residential	LKD	W1	149°	47.00	YES	21.00	YES				
				W15	329°N	2.00	NO	0.00	NO				

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	R2	Residential	LKD	W2	149°	46.00	YES	20.00	YES	49.00	YES	21.00	YES
				W14	329°N	4.00	NO	0.00	NO				
	R3	Residential	LKD	W3	149°	45.00	YES	19.00	YES	50.00	YES	20.00	YES
				W13	329°N	4.00	NO	0.00	NO				
	R4	Residential	LKD	W4	149°	46.00	YES	20.00	YES	49.00	YES	19.00	YES
				W12	329°N	2.00	NO	0.00	NO				
	R5	Residential	LKD	W5	149°	45.00	YES	19.00	YES	48.00	YES	20.00	YES
				W11	329°N	3.00	NO	0.00	NO				
	R6	Residential	LKD	W6	149°	46.00	YES	20.00	YES	48.00	YES	19.00	YES
				W10	329°N	5.00	NO	0.00	NO				
	R7	Residential	LKD	W7	149°	45.00	YES	19.00	YES	51.00	YES	20.00	YES
				W8	59°N	6.00	NO	0.00	NO				
				W9	329°N	6.00	NO	0.00	NO				
						57.00	YES				19.00	YES	
First	R1	Residential	Bedroom	W1	149°	34.00	YES	14.00	YES	34.00	YES	14.00	YES
	R2	Residential	Bedroom	W2	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R3	Residential	Bedroom	W3	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R4	Residential	Bedroom	W4	149°	34.00	YES	14.00	YES	34.00	YES	14.00	YES
	R5	Residential	Bedroom	W5	149°	34.00	YES	14.00	YES	34.00	YES	14.00	YES
	R6	Residential	Bedroom	W6	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R7	Residential	Bedroom	W7	149°	58.00	YES	21.00	YES	58.00	YES	21.00	YES
	R8	Residential	Bedroom	W8	149°	33.00	YES	13.00	YES	33.00	YES	13.00	YES



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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R9	Residential	Bedroom	W9	149°	33.00	YES	13.00	YES	33.00	YES	13.00	YES
	R10	Residential	Bedroom	W10	149°	58.00	YES	21.00	YES	58.00	YES	21.00	YES
	R11	Residential	Bedroom	W11	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R12	Residential	Bedroom	W12	149°	34.00	YES	14.00	YES	34.00	YES	14.00	YES
	R13	Residential	Bedroom	W13	149°	33.00	YES	13.00	YES	33.00	YES	13.00	YES
	R14	Residential	Bedroom	W14	149°	58.00	YES	21.00	YES	58.00	YES	21.00	YES
	R15	Residential	Living Room	W15	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
				W16	329°N	4.00	NO	0.00	NO				
	R16	Residential	Living Room	W17	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
				W18	329°N	2.00	NO	0.00	NO				
	R17	Residential	Living Room	W19	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
				W20	329°N	0.00	NO	0.00	NO				
	R18	Residential	Living Room	W21	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W22	329°N	0.00	NO	0.00	NO				
	R19	Residential	Living Room	W23	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W24	329°N	0.00	NO	0.00	NO				
	R20	Residential	Living Room	W25	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
				W26	329°N	1.00	NO	0.00	NO				
	R21	Residential	Living Room	W27	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W28	329°N	0.00	NO	0.00	NO				
Second	R1	Residential	Bedroom	W1	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R2	Residential	Bedroom	W2	149°	59.00	YES	22.00	YES				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R3	Residential	Bedroom	W3	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R4	Residential	Bedroom	W4	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R5	Residential	Bedroom	W5	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R6	Residential	Bedroom	W6	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R7	Residential	Bedroom	W7	149°	59.00	YES	22.00	YES	59.00	YES	22.00	YES
	R8	Residential	Bedroom	W8	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R9	Residential	Bedroom	W9	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R10	Residential	Bedroom	W10	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R11	Residential	Bedroom	W11	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R12	Residential	Bedroom	W12	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R13	Residential	Bedroom	W13	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R14	Residential	Bedroom	W14	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
<b>Block L</b>													
Ground	R1	Residential	LKD	W1	239°	37.00	YES	11.00	YES	37.00	YES	11.00	YES
	R2	Residential	LKD	W2	239°	38.00	YES	11.00	YES	38.00	YES	11.00	YES
	R3	Residential	LKD	W3	239°	37.00	YES	9.00	YES	37.00	YES	9.00	YES
	R4	Residential	LKD	W4	239°	37.00	YES	8.00	YES	37.00	YES	8.00	YES

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
First	R1	Residential	Living Room	W1	59°N	18.00	NO	2.00	NO	18.00	NO	2.00	NO
				W2	59°N	17.00	NO	2.00	NO				
	R2	Residential	Living Room	W3	59°N	17.00	NO	2.00	NO	17.00	NO	2.00	NO
				W4	59°N	13.00	NO	2.00	NO				
	R3	Residential	Living Room	W5	59°N	13.00	NO	2.00	NO	13.00	NO	2.00	NO
				W6	59°N	13.00	NO	2.00	NO				
	R4	Residential	Living Room	W7	59°N	12.00	NO	2.00	NO	12.00	NO	2.00	NO
				W8	59°N	11.00	NO	2.00	NO				
				W9	329°N	0.00	NO	0.00	NO				
	R5	Residential	Bedroom	W10	239°	27.00	YES	5.00	YES	27.00	YES	5.00	YES
	R6	Residential	Bedroom	W11	239°	37.00	YES	10.00	YES	37.00	YES	10.00	YES
	R7	Residential	Bedroom	W12	239°	27.00	YES	4.00	NO	27.00	YES	4.00	NO
R8	Residential	Bedroom	W13	239°	36.00	YES	10.00	YES	36.00	YES	10.00	YES	
R9	Residential	Bedroom	W14	239°	30.00	YES	5.00	YES	30.00	YES	5.00	YES	
R10	Residential	Bedroom	W15	239°	41.00	YES	11.00	YES	41.00	YES	11.00	YES	
R11	Residential	Bedroom	W16	239°	31.00	YES	7.00	YES	31.00	YES	7.00	YES	
R12	Residential	Bedroom	W17	239°	40.00	YES	10.00	YES	40.00	YES	10.00	YES	
Second	R1	Residential	Bedroom	W1	59°N	18.00	NO	2.00	NO	18.00	NO	2.00	NO
	R2	Residential	Bedroom	W2	59°N	17.00	NO	2.00	NO	17.00	NO	2.00	NO
	R3	Residential	Bedroom	W3	59°N	13.00	NO	2.00	NO	13.00	NO	2.00	NO
	R4	Residential	Bedroom	W4	59°N	13.00	NO	2.00	NO	13.00	NO	2.00	NO

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R5	Residential	Bedroom	W5	239°	40.00	YES	11.00	YES	13.00	NO	2.00	NO
	R6	Residential	Bedroom	W6	239°	42.00	YES	11.00	YES	40.00	YES	11.00	YES
	R7	Residential	Bedroom	W7	239°	44.00	YES	12.00	YES	42.00	YES	11.00	YES
	R8	Residential	Bedroom	W8	239°	46.00	YES	13.00	YES	44.00	YES	12.00	YES
						46.00	YES	13.00	YES	46.00	YES	13.00	YES
<b>Block M</b>													
Ground	R1	Residential	LKD	W1	149°	5.00	NO	4.00	NO	5.00	NO	4.00	NO
	R2	Residential	LKD	W2	149°	6.00	NO	6.00	YES	6.00	NO	6.00	YES
	R3	Residential	LKD	W3	162°	29.00	YES	5.00	YES	48.00	YES	8.00	YES
				W4	162°	36.00	YES	8.00	YES				
				W5	72°N	16.00	NO	3.00	NO				
	R4	Residential	Bedroom	W6	72°N	10.00	NO	1.00	NO	10.00	NO	1.00	NO
	R5	Residential	Bedroom	W7	72°N	11.00	NO	0.00	NO	11.00	NO	0.00	NO
	R6	Residential	LKD	W8	72°N	8.00	NO	0.00	NO	14.00	NO	3.00	NO
				W9	72°N	14.00	NO	3.00	NO				
				W10	342°N	0.00	NO	0.00	NO				
	R7	Residential	Bedroom	W11	342°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R8	Residential	Bedroom	W12	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R9	Residential	LKD	W13	329°N	2.00	NO	0.00	NO	4.00	NO	1.00	NO
				W14	239°	2.00	NO	1.00	NO				
	R10	Residential	Bedroom	W15	329°N	0.00	NO	0.00	NO				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R11	Residential	Bedroom	W16	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R12	Residential	Bedroom	W17	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R13	Residential	Bedroom	W18	329°N	1.00	NO	0.00	NO	0.00	NO	0.00	NO
				W19	239°	12.00	NO	1.00	NO	12.00	NO	1.00	NO
	R14	Residential	LKD	W20	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W21	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
				W22	239°	17.00	NO	3.00	NO	17.00	NO	3.00	NO
	R15	Residential	Bedroom	W23	239°	24.00	NO	5.00	YES	24.00	NO	3.00	NO
										24.00	NO	5.00	YES
	R16	Residential	Bedroom	W24	239°	23.00	NO	6.00	YES	23.00	NO	6.00	YES
First	R1	Residential	Living Room	W1	149°	25.00	YES	9.00	YES	25.00	YES	14.00	YES
				W36	239°	39.00	YES	13.00	YES	50.00	YES	14.00	YES
	R2	Residential	Kitchen	W2	149°	19.00	NO	5.00	YES	19.00	NO	5.00	YES
	R3	Residential	LKD	W3	149°	5.00	NO	4.00	NO	5.00	NO	4.00	NO
	R4	Residential	LKD	W4	149°	7.00	NO	6.00	YES	7.00	NO	6.00	YES
	R5	Residential	LKD	W5	149°	39.00	YES	10.00	YES	39.00	YES	10.00	YES
				W6	149°	39.00	YES	11.00	YES	39.00	YES	11.00	YES
				W7	59°N	8.00	NO	0.00	NO	46.00	YES	13.00	YES
	R6	Residential	Bedroom	W8	149°	6.00	NO	6.00	YES	6.00	NO	6.00	YES
	R7	Residential	LKD	W9	162°	38.00	YES	7.00	YES	38.00	YES	7.00	YES
				W10	162°	42.00	YES	10.00	YES	42.00	YES	10.00	YES
				W11	72°N	16.00	NO	3.00	NO	54.00	YES	11.00	YES
	R8	Residential	Bedroom	W12	72°N	10.00	NO	1.00	NO	10.00	NO	1.00	NO

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	R9	Residential	Bedroom	W13	72°N	11.00	NO	0.00	NO	10.00	NO	1.00	NO
	R10	Residential	LKD	W14	72°N	8.00	NO	0.00	NO	11.00	NO	0.00	NO
W15				72°N	14.00	NO	3.00	NO					
W16				342°N	1.00	NO	0.00	NO					
	R11	Residential	Bedroom	W17	342°N	0.00	NO	0.00	NO	15.00	NO	3.00	NO
	R12	Residential	Bedroom	W18	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R13	Residential	Bedroom	W19	329°N	0.00	NO	0.00	NO	1.00	NO	0.00	NO
	R14	Residential	LKD	W20	59°N	1.00	NO	0.00	NO	0.00	NO	0.00	NO
				W21	329°N	3.00	NO	0.00	NO				
	R15	Residential	LKD	W22	329°N	3.00	NO	0.00	NO	4.00	NO	0.00	NO
				W23	239°	2.00	NO	1.00	NO				
	R16	Residential	Bedroom	W24	329°N	0.00	NO	0.00	NO	4.00	NO	1.00	NO
	R17	Residential	Bedroom	W25	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R18	Residential	Bedroom	W26	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R19	Residential	Bedroom	W27	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R20	Residential	LKD	W28	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W29	329°N	2.00	NO	0.00	NO				
				W30	239°	14.00	NO	1.00	NO				
	R21	Residential	Kitchen	W31	329°N	0.00	NO	0.00	NO	14.00	NO	1.00	NO
	R22	Residential	Living Room	W32	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W33	239°	36.00	YES	10.00	YES				
						36.00	YES			36.00	YES	10.00	YES

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	R23	Residential	Bedroom	W34	239°	31.00	YES	7.00	YES	31.00	YES	7.00	YES
	R24	Residential	Bedroom	W35	239°	31.00	YES	9.00	YES	31.00	YES	9.00	YES
Second	R1	Residential	Living Room	W1	149°	38.00	YES	10.00	YES	69.00	YES	17.00	YES
				W36	239°	45.00	YES	15.00	YES				
	R2	Residential	Kitchen	W2	149°	34.00	YES	6.00	YES	34.00	YES	6.00	YES
	R3	Residential	LKD	W3	149°	8.00	NO	7.00	YES	8.00	NO	7.00	YES
	R4	Residential	LKD	W4	149°	10.00	NO	9.00	YES	10.00	NO	9.00	YES
	R5	Residential	LKD	W5	149°	48.00	YES	15.00	YES	53.00	YES	16.00	YES
				W6	149°	47.00	YES	14.00	YES				
				W7	59°N	10.00	NO	0.00	NO				
	R6	Residential	Bedroom	W8	149°	7.00	NO	7.00	YES	7.00	NO	7.00	YES
	R7	Residential	LKD	W9	162°	47.00	YES	15.00	YES	59.00	YES	16.00	YES
				W10	162°	47.00	YES	15.00	YES				
				W11	72°N	16.00	NO	3.00	NO				
	R8	Residential	Bedroom	W12	72°N	10.00	NO	1.00	NO	10.00	NO	1.00	NO
	R9	Residential	Bedroom	W13	72°N	11.00	NO	0.00	NO	11.00	NO	0.00	NO
	R10	Residential	LKD	W14	72°N	8.00	NO	0.00	NO	15.00	NO	3.00	NO
				W15	72°N	14.00	NO	3.00	NO				
				W16	342°N	1.00	NO	0.00	NO				
	R11	Residential	Bedroom	W17	342°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R12	Residential	Bedroom	W18	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R13	Residential	Bedroom	W19	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO

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	R14	Residential	LKD	W20	59°N	1.00	NO	0.00	NO	0.00	NO	0.00	NO
				W21	329°N	4.00	NO	0.00	NO				
	R15	Residential	LKD	W22	329°N	4.00	NO	0.00	NO	5.00	NO	0.00	NO
				W23	239°	3.00	NO	1.00	NO				
	R16	Residential	Bedroom	W24	329°N	0.00	NO	0.00	NO	5.00	NO	1.00	NO
	R17	Residential	Bedroom	W25	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R18	Residential	Bedroom	W26	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R19	Residential	Bedroom	W27	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R20	Residential	LKD	W28	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W29	329°N	2.00	NO	0.00	NO				
				W30	239°	14.00	NO	1.00	NO				
	R21	Residential	Kitchen	W31	329°N	0.00	NO	0.00	NO	14.00	NO	1.00	NO
	R22	Residential	Living Room	W32	329°N	1.00	NO	0.00	NO	0.00	NO	0.00	NO
				W33	239°	43.00	YES	12.00	YES				
	R23	Residential	Bedroom	W34	239°	35.00	YES	8.00	YES	43.00	YES	12.00	YES
	R24	Residential	Bedroom	W35	239°	35.00	YES	9.00	YES	35.00	YES	8.00	YES
						35.00	YES	9.00	YES			9.00	YES
Third	R1	Residential	Living Room	W1	149°	50.00	YES	16.00	YES				
				W36	239°	47.00	YES	15.00	YES	83.00	YES	23.00	YES
	R2	Residential	Kitchen	W2	149°	48.00	YES	14.00	YES	48.00	YES	14.00	YES
	R3	Residential	LKD	W3	149°	15.00	NO	14.00	YES	15.00	NO	14.00	YES
	R4	Residential	LKD	W4	149°	13.00	NO	12.00	YES				



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	R5	Residential	LKD	W5	149°	52.00	YES	18.00	YES	13.00	NO	12.00	YES
				W6	149°	52.00	YES	18.00	YES				
				W7	59°N	11.00	NO	0.00	NO				
	R6	Residential	Bedroom	W8	149°	9.00	NO	9.00	YES	56.00	YES	18.00	YES
	R7	Residential	LKD	W9	162°	55.00	YES	23.00	YES	9.00	NO	9.00	YES
				W10	162°	55.00	YES	23.00	YES				
				W11	72°N	16.00	NO	3.00	NO				
	R8	Residential	Bedroom	W12	72°N	10.00	NO	1.00	NO	66.00	YES	23.00	YES
	R9	Residential	Bedroom	W13	72°N	11.00	NO	0.00	NO	10.00	NO	1.00	NO
	R10	Residential	LKD	W14	72°N	8.00	NO	0.00	NO	11.00	NO	0.00	NO
				W15	72°N	14.00	NO	3.00	NO				
				W16	342°N	2.00	NO	0.00	NO				
	R11	Residential	Bedroom	W17	342°N	0.00	NO	0.00	NO	16.00	NO	3.00	NO
	R12	Residential	Bedroom	W18	329°N	1.00	NO	0.00	NO	0.00	NO	0.00	NO
	R13	Residential	Bedroom	W19	329°N	0.00	NO	0.00	NO	1.00	NO	0.00	NO
	R14	Residential	LKD	W20	59°N	1.00	NO	0.00	NO	0.00	NO	0.00	NO
				W21	329°N	6.00	NO	0.00	NO				
	R15	Residential	LKD	W22	329°N	5.00	NO	0.00	NO	7.00	NO	0.00	NO
				W23	239°	4.00	NO	1.00	NO				
	R16	Residential	Bedroom	W24	329°N	0.00	NO	0.00	NO	6.00	NO	1.00	NO
	R17	Residential	Bedroom	W25	329°N	2.00	NO	0.00	NO	0.00	NO	0.00	NO
	R18	Residential	Bedroom	W26	329°N	0.00	NO	0.00	NO	2.00	NO	0.00	NO

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	R19	Residential	Bedroom	W27	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R20	Residential	LKD	W28	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W29	329°N	4.00	NO	0.00	NO				
				W30	239°	17.00	NO	2.00	NO				
	R21	Residential	Kitchen	W31	329°N	2.00	NO	0.00	NO	17.00	NO	2.00	NO
	R22	Residential	Living Room	W32	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
				W33	239°	46.00	YES	13.00	YES				
	R23	Residential	Bedroom	W34	239°	40.00	YES	8.00	YES	46.00	YES	13.00	YES
	R24	Residential	Bedroom	W35	239°	40.00	YES	9.00	YES	40.00	YES	8.00	YES
						40.00	YES	9.00	YES	40.00	YES	9.00	YES
Fourth	R1	Residential	Living Room	W1	149°	54.00	YES	20.00	YES	90.00	YES	27.00	YES
				W36	239°	50.00	YES	15.00	YES				
	R2	Residential	Kitchen	W2	149°	54.00	YES	20.00	YES	54.00	YES	20.00	YES
	R3	Residential	LKD	W3	149°	14.00	NO	13.00	YES	14.00	NO	13.00	YES
	R4	Residential	LKD	W4	149°	13.00	NO	12.00	YES	14.00	NO	13.00	YES
	R5	Residential	LKD	W5	149°	56.00	YES	21.00	YES	59.00	YES	21.00	YES
				W6	149°	56.00	YES	21.00	YES				
				W7	59°N	11.00	NO	0.00	NO				
	R6	Residential	Bedroom	W8	149°	10.00	NO	10.00	YES	10.00	NO	10.00	YES
	R7	Residential	LKD	W9	162°	56.00	YES	24.00	YES	66.00	YES	24.00	YES
				W10	162°	56.00	YES	24.00	YES				
				W11	72°N	13.00	NO	3.00	NO				
	R8	Residential	Bedroom	W12	72°N	9.00	NO	1.00	NO				

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	R9	Residential	Bedroom	W13	72°N	11.00	NO	0.00	NO	9.00	NO	1.00	NO
	R10	Residential	LKD	W14	72°N	7.00	NO	0.00	NO	11.00	NO	0.00	NO
				W15	72°N	13.00	NO	3.00	NO				
				W16	342°N	2.00	NO	0.00	NO				
	R11	Residential	Bedroom	W17	342°N	0.00	NO	0.00	NO	15.00	NO	3.00	NO
	R12	Residential	Bedroom	W18	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R13	Residential	Bedroom	W19	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R14	Residential	LKD	W20	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W21	329°N	7.00	NO	0.00	NO				
	R15	Residential	LKD	W22	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
				W23	239°	6.00	NO	1.00	NO				
	R16	Residential	Bedroom	W24	329°N	8.00	NO	0.00	NO	1.00	NO	1.00	NO
	R17	Residential	Bedroom	W25	329°N	1.00	NO	0.00	NO	3.00	NO	0.00	NO
	R18	Residential	Bedroom	W26	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R19	Residential	Bedroom	W27	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R20	Residential	LKD	W28	59°N	0.00	NO	0.00	NO	20.00	NO	2.00	NO
				W29	329°N	5.00	NO	0.00	NO				
				W30	239°	20.00	NO	2.00	NO				
	R21	Residential	Kitchen	W31	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R22	Residential	Living Room	W32	329°N	4.00	NO	0.00	NO	50.00	YES	16.00	YES
				W33	239°	50.00	YES	16.00	YES				

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	R23	Residential	Bedroom	W34	239°	42.00	YES	11.00	YES	42.00	YES	11.00	YES
	R24	Residential	Bedroom	W35	239°	43.00	YES	12.00	YES	43.00	YES	12.00	YES
Fifth	R1	Residential	LKD	W1	149°	56.00	YES	21.00	YES	93.00	YES	29.00	YES
				W2	149°	30.00	YES	13.00	YES				
				W25	239°	52.00	YES	17.00	YES				
	R2	Residential	Bedroom	W3	149°	52.00	YES	14.00	YES	52.00	YES	14.00	YES
	R3	Residential	LKD	W4	149°	57.00	YES	23.00	YES	57.00	YES	23.00	YES
	R4	Residential	Bedroom	W5	149°	56.00	YES	21.00	YES	56.00	YES	21.00	YES
	R5	Residential	Bedroom	W6	149°	56.00	YES	21.00	YES	56.00	YES	21.00	YES
	R6	Residential	Bedroom	W7	149°	58.00	YES	24.00	YES	58.00	YES	24.00	YES
	R7	Residential	Kitchen	W8	162°	44.00	YES	18.00	YES	44.00	YES	18.00	YES
	R8	Residential	LD	W9	162°	56.00	YES	24.00	YES	69.00	YES	24.00	YES
				W10	72°N	30.00	YES	5.00	YES				
	R9	Residential	Bedroom	W11	72°N	23.00	NO	3.00	NO	23.00	NO	3.00	NO
	R10	Residential	Bedroom	W12	72°N	30.00	YES	5.00	YES	31.00	YES	5.00	YES
				W13	342°N	1.00	NO	0.00	NO				
	R11	Residential	Bedroom	W14	342°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
R12	Residential	Bedroom	W15	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO	
R13	Residential	LKD	W16	329°N	5.00	NO	0.00	NO	8.00	NO	0.00	NO	
			W17	329°N	8.00	NO	0.00	NO					
R14	Residential	LKD	W18	329°N	2.00	NO	0.00	NO	8.00	NO	0.00	NO	

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	R15	Residential	Bedroom	W19	329°N	4.00	NO	0.00	NO	2.00	NO	0.00	NO
	R16	Residential	Bedroom	W20	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R17	Residential	LKD	W21	329°N	8.00	NO	0.00	NO	4.00	NO	0.00	NO
				W22	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R18	Residential	Bedroom	W23	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
				W24	239°	52.00	YES	17.00	YES	52.00	YES	17.00	YES
<b>Block N</b>													
Ground	R1	Residential	LKD	W1	149°	21.00	NO	6.00	YES	35.00	YES	6.00	YES
				W2	59°N	16.00	NO	0.00	NO				
				W3	329°N	0.00	NO	0.00	NO				
	R2	Residential	Bedroom	W4	59°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R3	Residential	Bedroom	W5	59°N	14.00	NO	1.00	NO	14.00	NO	1.00	NO
	R4	Residential	KD	W6	59°N	11.00	NO	1.00	NO	11.00	NO	1.00	NO
				W7	329°N	0.00	NO	0.00	NO				
	R5	Residential	Living Room	W8	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R6	Residential	Bedroom	W9	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R7	Residential	LKD	W10	149°	8.00	NO	2.00	NO	11.00	NO	2.00	NO
				W11	59°N	9.00	NO	0.00	NO				
				W12	329°N	0.00	NO	0.00	NO				
First	R1	Residential	LKD	W1	149°	27.00	YES	12.00	YES	38.00	YES	17.00	YES
				W20	239°	12.00	NO	6.00	YES				

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	R2	Residential	LKD	W2	149°	27.00	YES	12.00	YES				
				W3	59°N	18.00	NO	1.00	NO				
				W4	329°N	0.00	NO	0.00	NO	43.00	YES	13.00	YES
	R3	Residential	Bedroom	W5	59°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R4	Residential	Bedroom	W6	59°N	15.00	NO	2.00	NO	15.00	NO	2.00	NO
	R5	Residential	KD	W7	59°N	15.00	NO	2.00	NO				
				W8	329°N	0.00	NO	0.00	NO	15.00	NO	2.00	NO
	R6	Residential	Living Room	W9	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R7	Residential	Bedroom	W10	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R8	Residential	LKD	W11	149°	11.00	NO	3.00	NO				
				W12	59°N	12.00	NO	0.00	NO				
				W13	329°N	0.00	NO	0.00	NO	15.00	NO	3.00	NO
	R9	Residential	LKD	W14	329°N	0.00	NO	0.00	NO				
				W15	239°	7.00	NO	4.00	NO	7.00	NO	4.00	NO
	R10	Residential	Bedroom	W16	329°N	0.00	NO	0.00	NO				
				W17	239°	37.00	YES	11.00	YES	37.00	YES	11.00	YES
	R11	Residential	Bedroom	W18	239°	38.00	YES	11.00	YES				
				W19	149°	5.00	NO	5.00	YES	39.00	YES	12.00	YES
Second	R1	Residential	LKD	W1	149°	28.00	YES	13.00	YES				
				W20	239°	15.00	NO	8.00	YES	42.00	YES	20.00	YES
	R2	Residential	LKD	W2	149°	29.00	YES	13.00	YES				
				W3	59°N	19.00	NO	2.00	NO				
				W4	329°N	0.00	NO	0.00	NO	46.00	YES	15.00	YES
	R3	Residential	Bedroom	W5	59°N	3.00	NO	0.00	NO				

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R4	Residential	Bedroom	W6	59°N	16.00	NO	2.00	NO	3.00	NO	0.00	NO
	R5	Residential	KD	W7 W8	59°N 329°N	16.00 0.00	NO NO	2.00 0.00	NO NO	16.00	NO	2.00	NO
	R6	Residential	Living Room	W9	59°N	1.00	NO	0.00	NO	16.00	NO	2.00	NO
	R7	Residential	Bedroom	W10	59°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R8	Residential	LKD	W11 W12 W13	149° 59°N 329°N	13.00 16.00 0.00	NO NO NO	3.00 1.00 0.00	NO NO NO	1.00	NO	0.00	NO
	R9	Residential	LKD	W14 W15	329°N 239°	0.00 11.00	NO NO	0.00 6.00	NO YES	18.00	NO	3.00	NO
	R10	Residential	Bedroom	W16 W17	329°N 239°	1.00 41.00	NO YES	0.00 14.00	NO YES	11.00	NO	6.00	YES
	R11	Residential	Bedroom	W18 W19	239° 149°	43.00 5.00	YES NO	14.00 5.00	YES YES	42.00	YES	14.00	YES
						44.00	YES		YES		YES	15.00	YES
Third	R1	Residential	LKD	W1 W20	149° 239°	28.00 49.00	YES YES	13.00 18.00	YES YES	74.00	YES	28.00	YES
	R2	Residential	LKD	W2 W3 W4	149° 59°N 329°N	28.00 19.00 0.00	YES NO NO	13.00 2.00 0.00	YES NO NO	45.00	YES	15.00	YES
	R3	Residential	Bedroom	W5	59°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R4	Residential	Bedroom	W6	59°N	19.00	NO	2.00	NO	19.00	NO	2.00	NO
	R5	Residential	KD	W7 W8	59°N 329°N	19.00 0.00	NO NO	2.00 0.00	NO NO		NO		NO

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	R6	Residential	Living Room	W9	59°N	4.00	NO	0.00	NO	19.00	NO	2.00	NO
	R7	Residential	Bedroom	W10	59°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R8	Residential	LKD	W11	149°	12.00	NO	3.00	NO	4.00	NO	0.00	NO
				W12	59°N	20.00	NO	2.00	NO				
				W13	329°N	0.00	NO	0.00	NO				
	R9	Residential	LKD	W14	329°N	0.00	NO	0.00	NO	21.00	NO	3.00	NO
				W15	239°	35.00	YES	9.00	YES				
	R10	Residential	Bedroom	W16	329°N	1.00	NO	0.00	NO	35.00	YES	9.00	YES
				W17	239°	43.00	YES	15.00	YES				
	R11	Residential	Bedroom	W18	239°	47.00	YES	16.00	YES	44.00	YES	15.00	YES
				W19	149°	30.00	YES	13.00	YES				
						70.00	YES		YES		25.00	YES	
<b>Block O</b>													
Ground	R1	Residential	Bedroom	W1	149°	44.00	YES	12.00	YES	44.00	YES	12.00	YES
	R2	Residential	LKD	W2	149°	24.00	NO	10.00	YES				
				W3	59°N	9.00	NO	2.00	NO				
				W4	59°N	6.00	NO	0.00	NO				
	R3	Residential	LKD	W5	59°N	6.00	NO	0.00	NO	32.00	YES	12.00	YES
	R4	Residential	Bedroom	W6	59°N	2.00	NO	0.00	NO	6.00	NO	0.00	NO
				W7	59°N	6.00	NO	0.00	NO				
	R5	Residential	LKD	W8	59°N	3.00	NO	0.00	NO	6.00	NO	0.00	NO
				W9	59°N	8.00	NO	0.00	NO				
				W10	329°N	0.00	NO	0.00	NO				
						8.00	NO		NO		0.00	NO	



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	R6	Residential	Bedroom	W11	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
First	R1	Residential	Bedroom	W1	149°	27.00	YES	13.00	YES	63.00	YES	26.00	YES
				W15	239°	36.00	YES	13.00	YES				
	R2	Residential	LKD	W2	149°	27.00	YES	13.00	YES	35.00	YES	15.00	YES
				W3	59°N	10.00	NO	3.00	NO				
				W4	59°N	6.00	NO	0.00	NO				
	R3	Residential	LKD	W5	59°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R4	Residential	Bedroom	W6	59°N	2.00	NO	0.00	NO	6.00	NO	0.00	NO
				W7	59°N	6.00	NO	0.00	NO				
	R5	Residential	LKD	W8	59°N	3.00	NO	0.00	NO	8.00	NO	0.00	NO
				W9	59°N	8.00	NO	0.00	NO				
W10				329°N	0.00	NO	0.00	NO					
R6	Residential	Bedroom	W11	329°N	0.00	NO	0.00	NO	26.00	YES	5.00	YES	
			W12	239°	26.00	YES	5.00	YES					
R7	Residential	Bedroom	W13	239°	29.00	YES	6.00	YES	29.00	YES	6.00	YES	
R8	Residential	Bedroom	W14	239°	33.00	YES	10.00	YES	33.00	YES	10.00	YES	
Second	R1	Residential	Bedroom	W1	149°	27.00	YES	13.00	YES	68.00	YES	26.00	YES
				W15	239°	41.00	YES	13.00	YES				
	R2	Residential	LKD	W2	149°	27.00	YES	13.00	YES	36.00	YES	15.00	YES
				W3	59°N	11.00	NO	3.00	NO				
				W4	59°N	7.00	NO	0.00	NO				
R3	Residential	LKD	W5	59°N	7.00	NO	0.00	NO	7.00	NO	0.00	NO	
R4	Residential	Bedroom	W6	59°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO	

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	R5	Residential	Bedroom	W7	59°N	7.00	NO	0.00	NO	7.00	NO	0.00	NO
	R6	Residential	KD	W8	59°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R7	Residential	Living Room	W9 W10	59°N 329°N	8.00 0.00	NO NO	0.00 0.00	NO NO	8.00	NO	0.00	NO
	R8	Residential	Bedroom	W11 W12	329°N 239°	0.00 33.00	NO YES	0.00 8.00	NO YES	33.00	YES	8.00	YES
	R9	Residential	Bedroom	W13	239°	34.00	YES	8.00	YES	34.00	YES	8.00	YES
	R10	Residential	Bedroom	W14	239°	39.00	YES	11.00	YES	39.00	YES	11.00	YES
Third	R1	Residential	Bedroom	W1 W15	149° 239°	27.00 45.00	YES YES	13.00 14.00	YES YES	72.00	YES	27.00	YES
	R2	Residential	Living Room	W2 W3	149° 59°N	27.00 23.00	YES NO	13.00 3.00	YES NO	45.00	YES	15.00	YES
	R3	Residential	KD	W4	59°N	14.00	NO	0.00	NO	14.00	NO	0.00	NO
	R4	Residential	LKD	W5	59°N	7.00	NO	0.00	NO	7.00	NO	0.00	NO
	R5	Residential	Bedroom	W6	59°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R6	Residential	Bedroom	W7	59°N	7.00	NO	0.00	NO	7.00	NO	0.00	NO
	R7	Residential	KD	W8	59°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R8	Residential	Living Room	W9 W10	59°N 329°N	18.00 0.00	NO NO	0.00 0.00	NO NO	18.00	NO	0.00	NO
	R9	Residential	Bedroom	W11 W12	329°N 239°	0.00 39.00	NO YES	0.00 13.00	NO YES	39.00	YES	13.00	YES

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	R10	Residential	Bedroom	W13	239°	39.00	YES	13.00	YES	39.00	YES	13.00	YES
	R11	Residential	Bedroom	W14	239°	44.00	YES	13.00	YES	44.00	YES	13.00	YES
<b>Block P</b>													
Ground	R1	Residential	LKD	W1	149°	39.00	YES	4.00	NO	39.00	YES	4.00	NO
				W12	329°N	0.00	NO	0.00	NO				
	R2	Residential	LKD	W2	149°	41.00	YES	6.00	YES	46.00	YES	6.00	YES
				W11	329°N	5.00	NO	0.00	NO				
	R3	Residential	LKD	W3	149°	39.00	YES	5.00	YES	44.00	YES	5.00	YES
				W10	329°N	5.00	NO	0.00	NO				
	R4	Residential	LKD	W4	149°	41.00	YES	4.00	NO	46.00	YES	4.00	NO
				W9	329°N	5.00	NO	0.00	NO				
	R5	Residential	LKD	W5	149°	38.00	YES	5.00	YES	43.00	YES	5.00	YES
				W8	329°N	5.00	NO	0.00	NO				
	R6	Residential	LKD	W6	149°	36.00	YES	4.00	NO	41.00	YES	4.00	NO
				W7	329°N	5.00	NO	0.00	NO				
First	R1	Residential	Bedroom	W1	149°	40.00	YES	5.00	YES	40.00	YES	5.00	YES
	R2	Residential	Bedroom	W2	149°	31.00	YES	4.00	NO	31.00	YES	4.00	NO
	R3	Residential	Bedroom	W3	149°	41.00	YES	7.00	YES	41.00	YES	7.00	YES
	R4	Residential	Bedroom	W4	149°	35.00	YES	8.00	YES	35.00	YES	8.00	YES
	R5	Residential	Bedroom	W5	149°	41.00	YES	7.00	YES	41.00	YES	7.00	YES
	R6	Residential	Bedroom	W6	149°	31.00	YES	4.00	NO	31.00	YES	4.00	NO

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R7	Residential	Bedroom	W7	149°	38.00	YES	4.00	NO	31.00	YES	4.00	NO
	R8	Residential	Bedroom	W8	149°	31.00	YES	3.00	NO	38.00	YES	4.00	NO
	R9	Residential	Bedroom	W9	149°	31.00	YES	3.00	NO	31.00	YES	3.00	NO
	R10	Residential	Bedroom	W10	149°	39.00	YES	6.00	YES	39.00	YES	6.00	YES
	R11	Residential	Bedroom	W11	149°	33.00	YES	7.00	YES	33.00	YES	7.00	YES
	R12	Residential	Bedroom	W12	149°	38.00	YES	6.00	YES	38.00	YES	6.00	YES
	R13	Residential	Bedroom	W13	329°N	31.00	YES	6.00	YES	31.00	YES	6.00	YES
	R14	Residential	Bedroom	W14	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R15	Residential	Bedroom	W15	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R16	Residential	Bedroom	W16	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R17	Residential	Bedroom	W17	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R18	Residential	Bedroom	W18	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R18	Residential	Bedroom	W18	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
Second	R1	Residential	Bedroom	W1	149°	49.00	YES	9.00	YES	49.00	YES	9.00	YES
	R2	Residential	Bedroom	W2	149°	55.00	YES	12.00	YES	55.00	YES	12.00	YES
	R3	Residential	Bedroom	W3	149°	56.00	YES	14.00	YES	56.00	YES	14.00	YES
	R4	Residential	Bedroom	W4	149°	56.00	YES	13.00	YES	56.00	YES	13.00	YES
	R5	Residential	Bedroom	W5	149°	56.00	YES	15.00	YES	56.00	YES	15.00	YES
	R6	Residential	Bedroom	W6	149°	55.00	YES	14.00	YES	56.00	YES	15.00	YES

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										55.00	YES	14.00	YES
<b>Block Q</b>													
Ground	R1	Residential	LKD	W1	149°	30.00	YES	6.00	YES	36.00	YES	6.00	YES
				W12	329°N	6.00	NO	0.00	NO				
	R2	Residential	LKD	W2	149°	30.00	YES	5.00	YES	36.00	YES	5.00	YES
				W11	329°N	6.00	NO	0.00	NO				
	R3	Residential	LKD	W3	149°	30.00	YES	4.00	NO	35.00	YES	4.00	NO
				W10	329°N	5.00	NO	0.00	NO				
	R4	Residential	LKD	W4	149°	29.00	YES	3.00	NO	34.00	YES	3.00	NO
				W9	329°N	5.00	NO	0.00	NO				
	R5	Residential	LKD	W5	149°	33.00	YES	4.00	NO	39.00	YES	4.00	NO
				W8	329°N	6.00	NO	0.00	NO				
	R6	Residential	LKD	W6	149°	37.00	YES	3.00	NO	43.00	YES	3.00	NO
				W7	329°N	6.00	NO	0.00	NO				
First	R1	Residential	Bedroom	W1	149°	35.00	YES	7.00	YES	35.00	YES	7.00	YES
	R2	Residential	Bedroom	W2	149°	27.00	YES	5.00	YES	27.00	YES	5.00	YES
	R3	Residential	Bedroom	W3	149°	34.00	YES	7.00	YES	34.00	YES	7.00	YES
	R4	Residential	Bedroom	W4	149°	22.00	NO	2.00	NO	22.00	NO	2.00	NO
	R5	Residential	Bedroom	W5	149°	32.00	YES	4.00	NO	32.00	YES	4.00	NO
	R6	Residential	Bedroom	W6	149°	24.00	NO	2.00	NO	24.00	NO	2.00	NO
	R7	Residential	Bedroom	W7	149°	32.00	YES	2.00	NO	32.00	YES	2.00	NO

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R8	Residential	Bedroom	W8	149°	24.00	NO	1.00	NO	24.00	NO	1.00	NO
	R9	Residential	Bedroom	W9	149°	32.00	YES	2.00	NO	32.00	YES	2.00	NO
	R10	Residential	Bedroom	W10	149°	26.00	YES	0.00	NO	26.00	YES	0.00	NO
	R11	Residential	Bedroom	W11	149°	35.00	YES	2.00	NO	35.00	YES	2.00	NO
	R12	Residential	Bedroom	W12	149°	30.00	YES	2.00	NO	30.00	YES	2.00	NO
	R13	Residential	Bedroom	W13	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R14	Residential	Bedroom	W14	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R15	Residential	Bedroom	W15	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R16	Residential	Bedroom	W16	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R17	Residential	Bedroom	W17	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R18	Residential	Bedroom	W18	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
Second	R1	Residential	Bedroom	W1	149°	53.00	YES	13.00	YES	53.00	YES	13.00	YES
	R2	Residential	Bedroom	W2	149°	53.00	YES	12.00	YES	53.00	YES	12.00	YES
	R3	Residential	Bedroom	W3	149°	50.00	YES	9.00	YES	50.00	YES	9.00	YES
	R4	Residential	Bedroom	W4	149°	50.00	YES	7.00	YES	50.00	YES	7.00	YES
	R5	Residential	Bedroom	W5	149°	50.00	YES	9.00	YES	50.00	YES	9.00	YES
	R6	Residential	Bedroom	W6	149°	51.00	YES	10.00	YES	51.00	YES	10.00	YES

**Block R**

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Ground	R1	Residential	LKD	W1	149°	0.00	NO	0.00	NO	5.00	NO	4.00	NO
				W15	239°	5.00	NO	4.00	NO				
	R2	Residential	LKD	W2	149°	1.00	NO	1.00	NO	11.00	NO	1.00	NO
				W3	59°N	10.00	NO	0.00	NO				
	R3	Residential	Bedroom	W4	59°N	9.00	NO	0.00	NO	9.00	NO	0.00	NO
	R4	Residential	LKD	W5	59°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
				W6	329°N	0.00	NO	0.00	NO				
	R5	Residential	Bedroom	W7	59°N	0.00	NO	0.00	NO	1.00	NO	0.00	NO
W8				329°N	1.00	NO	0.00	NO					
R6	Residential	LKD	W9	329°N	0.00	NO	0.00	NO	1.00	NO	0.00	NO	
			W10	329°N	0.00	NO	0.00	NO					
			W11	239°	1.00	NO	0.00	NO					
R7	Residential	Bedroom	W12	329°N	1.00	NO	0.00	NO	6.00	NO	1.00	NO	
			W13	239°	5.00	NO	1.00	NO					
R8	Residential	Bedroom	W14	239°	7.00	NO	2.00	NO	7.00	NO	2.00	NO	
First	R1	Residential	LKD	W1	149°	0.00	NO	0.00	NO	15.00	NO	5.00	YES
				W17	239°	15.00	NO	5.00	YES				
	R2	Residential	Bedroom	W2	149°	1.00	NO	1.00	NO	1.00	NO	1.00	NO
	R3	Residential	Bedroom	W3	149°	41.00	YES	11.00	YES	41.00	YES	11.00	YES
	R4	Residential	Bedroom	W4	149°	37.00	YES	8.00	YES	37.00	YES	8.00	YES
	R5	Residential	Bedroom	W5	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
R6	Residential	LKD	W6	149°	1.00	NO	1.00	NO					

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
				W7	59°N	9.00	NO	0.00	NO				
	R7	Residential	LKD	W8	59°N	2.00	NO	0.00	NO	10.00	NO	1.00	NO
				W9	329°N	0.00	NO	0.00	NO				
	R8	Residential	Bedroom	W10	59°N	0.00	NO	0.00	NO	2.00	NO	0.00	NO
				W11	329°N	3.00	NO	0.00	NO				
	R9	Residential	Bedroom	W12	329°N	2.00	NO	0.00	NO	3.00	NO	0.00	NO
	R10	Residential	Bedroom	W13	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
				W14	239°	3.00	NO	0.00	NO				
	R11	Residential	LKD	W15	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
				W16	239°	8.00	NO	1.00	NO	9.00	NO	1.00	NO
Second	R1	Residential	LKD	W1	149°	1.00	NO	1.00	NO				
				W17	239°	18.00	NO	6.00	YES	18.00	NO	6.00	YES
	R2	Residential	Bedroom	W2	149°	2.00	NO	1.00	NO	2.00	NO	1.00	NO
	R3	Residential	Bedroom	W3	149°	44.00	YES	11.00	YES	44.00	YES	11.00	YES
	R4	Residential	Bedroom	W4	149°	42.00	YES	10.00	YES	42.00	YES	10.00	YES
	R5	Residential	Bedroom	W5	149°	1.00	NO	1.00	NO	1.00	NO	1.00	NO
	R6	Residential	LKD	W6	149°	1.00	NO	1.00	NO				
				W7	59°N	10.00	NO	0.00	NO	11.00	NO	1.00	NO
	R7	Residential	LKD	W8	59°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
				W9	329°N	0.00	NO	0.00	NO				
	R8	Residential	Bedroom	W10	59°N	0.00	NO	0.00	NO				
				W11	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO



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	R9	Residential	Bedroom	W12	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R10	Residential	Bedroom	W13 W14	329°N 239°	4.00 5.00	NO NO	0.00 0.00	NO NO	5.00	NO	0.00	NO
	R11	Residential	LKD	W15 W16	329°N 239°	5.00 15.00	NO NO	0.00 2.00	NO NO	16.00	NO	2.00	NO
Third	R1	Residential	LKD	W1 W17	149° 239°	4.00 23.00	NO NO	4.00 7.00	NO YES	26.00	YES	10.00	YES
	R2	Residential	Bedroom	W2	149°	4.00	NO	3.00	NO	4.00	NO	3.00	NO
	R3	Residential	Bedroom	W3	149°	50.00	YES	16.00	YES	50.00	YES	16.00	YES
	R4	Residential	Bedroom	W4	149°	49.00	YES	15.00	YES	49.00	YES	15.00	YES
	R5	Residential	Bedroom	W5	149°	2.00	NO	2.00	NO	2.00	NO	2.00	NO
	R6	Residential	LKD	W6 W7	149° 59°N	2.00 10.00	NO NO	1.00 0.00	NO NO	11.00	NO	1.00	NO
	R7	Residential	LKD	W8 W9	59°N 329°N	5.00 0.00	NO NO	0.00 0.00	NO NO	5.00	NO	0.00	NO
	R8	Residential	Bedroom	W10 W11	59°N 329°N	0.00 5.00	NO NO	0.00 0.00	NO NO	5.00	NO	0.00	NO
	R9	Residential	Bedroom	W12	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R10	Residential	Bedroom	W13 W14	329°N 239°	5.00 6.00	NO NO	0.00 0.00	NO NO	7.00	NO	0.00	NO
	R11	Residential	LKD	W15 W16	329°N 239°	7.00 23.00	NO NO	0.00 3.00	NO NO	25.00	YES	3.00	NO

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Fourth	R1	Residential	LKD	W1	149°	64.00	YES	22.00	YES	83.00	YES	24.00	YES
				W17	239°	36.00	YES	11.00	YES				
	R2	Residential	Bedroom	W2	149°	54.00	YES	19.00	YES	54.00	YES	19.00	YES
	R3	Residential	Bedroom	W3	149°	54.00	YES	19.00	YES	54.00	YES	19.00	YES
	R4	Residential	Bedroom	W4	149°	54.00	YES	19.00	YES	54.00	YES	19.00	YES
	R5	Residential	Bedroom	W5	149°	54.00	YES	19.00	YES	54.00	YES	19.00	YES
	R6	Residential	LKD	W6	149°	62.00	YES	20.00	YES	62.00	YES	20.00	YES
				W7	59°N	10.00	NO	0.00	NO				
	R7	Residential	LKD	W8	59°N	9.00	NO	0.00	NO	9.00	NO	0.00	NO
				W9	329°N	0.00	NO	0.00	NO				
	R8	Residential	Bedroom	W10	59°N	0.00	NO	0.00	NO	5.00	NO	0.00	NO
W11				329°N	5.00	NO	0.00	NO					
R9	Residential	Bedroom	W12	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO	
R10	Residential	Bedroom	W13	329°N	5.00	NO	0.00	NO	24.00	NO	2.00	NO	
			W14	239°	23.00	NO	2.00	NO					
R11	Residential	LKD	W15	329°N	8.00	NO	0.00	NO	36.00	YES	6.00	YES	
			W16	239°	35.00	YES	6.00	YES					
<b>Block S</b>													
Ground	R1	Residential	LKD	W1	149°	1.00	NO	1.00	NO	21.00	NO	5.00	YES
				W26	284°N	1.00	NO	0.00	NO				
W27				194°	19.00	NO	4.00	NO					
R2	Residential	Bedroom	W2	239°	4.00	NO	4.00	NO					

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				W3	149°	38.00	YES	3.00	NO				
	R3	Residential	Bedroom	W4	149°	31.00	YES	4.00	NO	40.00	YES	5.00	YES
	R4	Residential	Bedroom	W5	149°	28.00	YES	7.00	YES	31.00	YES	4.00	NO
	R5	Residential	Bedroom	W6	149°	42.00	YES	12.00	YES	28.00	YES	7.00	YES
				W7	59°N	7.00	NO	0.00	NO	45.00	YES	12.00	YES
	R6	Residential	LKD	W8	149°	7.00	NO	3.00	NO				
				W9	104°	22.00	NO	0.00	NO				
				W10	14°N	0.00	NO	0.00	NO	25.00	YES	3.00	NO
	R7	Residential	LKD	W11	104°	17.00	NO	0.00	NO				
				W12	14°N	0.00	NO	0.00	NO				
				W13	329°N	4.00	NO	0.00	NO	21.00	NO	0.00	NO
	R8	Residential	Bedroom	W14	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R9	Residential	Bedroom	W15	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R10	Residential	Bedroom	W16	59°N	0.00	NO	0.00	NO				
				W17	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R11	Residential	Bedroom	W18	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R12	Residential	LKD	W19	329°N	6.00	NO	0.00	NO				
				W20	239°	16.00	NO	1.00	NO	16.00	NO	1.00	NO
	R13	Residential	Bedroom	W21	329°N	4.00	NO	0.00	NO				
				W22	329°N	1.00	NO	0.00	NO	4.00	NO	0.00	NO
	R14	Residential	LKD	W23	329°N	6.00	NO	0.00	NO				
				W24	284°N	5.00	NO	0.00	NO				
				W25	194°	9.00	NO	2.00	NO	16.00	NO	2.00	NO

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First	R1	Residential	LKD	W1	149°	2.00	NO	2.00	NO	25.00	YES	9.00	YES
				W34	284°N	1.00	NO	0.00	NO				
				W35	194°	22.00	NO	7.00	YES				
	R2	Residential	Bedroom	W2	239°	5.00	NO	5.00	YES	44.00	YES	7.00	YES
				W3	149°	43.00	YES	6.00	YES				
	R3	Residential	Bedroom	W4	149°	33.00	YES	6.00	YES	33.00	YES	6.00	YES
	R4	Residential	LKD	W5	149°	4.00	NO	4.00	NO	4.00	NO	4.00	NO
	R5	Residential	Bedroom	W6	239°	3.00	NO	3.00	NO	44.00	YES	8.00	YES
				W7	149°	43.00	YES	7.00	YES				
	R6	Residential	Bedroom	W8	149°	44.00	YES	11.00	YES	47.00	YES	11.00	YES
				W9	59°N	7.00	NO	0.00	NO				
	R7	Residential	LKD	W10	149°	6.00	NO	4.00	NO	6.00	NO	4.00	NO
	R8	Residential	Bedroom	W11	149°	31.00	YES	7.00	YES	31.00	YES	7.00	YES
R9	Residential	Bedroom	W12	149°	47.00	YES	13.00	YES	51.00	YES	13.00	YES	
			W13	59°N	10.00	NO	0.00	NO					
R10	Residential	LKD	W14	149°	7.00	NO	3.00	NO	27.00	YES	3.00	NO	
			W15	104°	24.00	NO	0.00	NO					
			W16	14°N	0.00	NO	0.00	NO					
R11	Residential	LKD	W17	104°	19.00	NO	0.00	NO	25.00	YES	0.00	NO	
			W18	14°N	0.00	NO	0.00	NO					
			W19	329°N	6.00	NO	0.00	NO					
R12	Residential	Bedroom	W20	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO	
R13	Residential	Bedroom	W21	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO	

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	R14	Residential	LKD	W22	59°N	0.00	NO	0.00	NO	5.00	NO	0.00	NO
				W23	329°N	5.00	NO	0.00	NO				
	R15	Residential	Bedroom	W24	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R16	Residential	Bedroom	W25	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R17	Residential	Bedroom	W26	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R18	Residential	LKD	W27	329°N	5.00	NO	0.00	NO	18.00	NO	1.00	NO
				W28	239°	17.00	NO	1.00	NO				
	R19	Residential	Bedroom	W29	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R20	Residential	Bedroom	W30	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R21	Residential	LKD	W31	329°N	6.00	NO	0.00	NO	19.00	NO	3.00	NO
				W32	284°N	6.00	NO	0.00	NO				
				W33	194°	13.00	NO	3.00	NO				
Second	R1	Residential	LKD	W1	149°	5.00	NO	5.00	YES	34.00	YES	14.00	YES
				W34	284°N	2.00	NO	0.00	NO				
				W35	194°	28.00	YES	10.00	YES				
	R2	Residential	Bedroom	W2	239°	6.00	NO	6.00	YES	52.00	YES	15.00	YES
				W3	149°	51.00	YES	14.00	YES	39.00	YES	12.00	YES
	R3	Residential	Bedroom	W4	149°	39.00	YES	12.00	YES	5.00	NO	5.00	YES
	R4	Residential	LKD	W5	149°	5.00	NO	5.00	YES	50.00	YES	13.00	YES
	R5	Residential	Bedroom	W6	239°	5.00	NO	5.00	YES				
				W7	149°	49.00	YES	12.00	YES				
	R6	Residential	Bedroom	W8	149°	51.00	YES	14.00	YES	8.00	NO	0.00	NO
				W9	59°N	8.00	NO	0.00	NO				

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	R7	Residential	LKD	W10	149°	8.00	NO	5.00	YES	53.00	YES	14.00	YES
	R8	Residential	Bedroom	W11	149°	37.00	YES	9.00	YES	8.00	NO	5.00	YES
	R9	Residential	Bedroom	W12	149°	51.00	YES	14.00	YES	37.00	YES	9.00	YES
				W13	59°N	10.00	NO	0.00	NO				
	R10	Residential	LKD	W14	149°	8.00	NO	4.00	NO	55.00	YES	14.00	YES
				W15	104°	26.00	YES	0.00	NO				
				W16	14°N	0.00	NO	0.00	NO				
	R11	Residential	LKD	W17	104°	21.00	NO	1.00	NO	30.00	YES	4.00	NO
				W18	14°N	0.00	NO	0.00	NO				
				W19	329°N	8.00	NO	0.00	NO				
	R12	Residential	Bedroom	W20	329°N	2.00	NO	0.00	NO	29.00	YES	1.00	NO
	R13	Residential	Bedroom	W21	329°N	0.00	NO	0.00	NO	2.00	NO	0.00	NO
	R14	Residential	LKD	W22	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W23	329°N	7.00	NO	0.00	NO				
	R15	Residential	Bedroom	W24	329°N	7.00	NO	0.00	NO	7.00	NO	0.00	NO
	R16	Residential	Bedroom	W25	329°N	7.00	NO	0.00	NO	7.00	NO	0.00	NO
	R17	Residential	Bedroom	W26	329°N	0.00	NO	0.00	NO	7.00	NO	0.00	NO
	R18	Residential	LKD	W27	329°N	7.00	NO	0.00	NO	0.00	NO	0.00	NO
				W28	239°	22.00	NO	3.00	NO				
	R19	Residential	Bedroom	W29	329°N	8.00	NO	0.00	NO	24.00	NO	3.00	NO
	R20	Residential	Bedroom	W30	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
						8.00	NO	0.00	NO	8.00	NO	0.00	NO

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	R21	Residential	LKD	W31	329°N	7.00	NO	0.00	NO	26.00	YES	4.00	NO
				W32	284°N	8.00	NO	0.00	NO				
				W33	194°	18.00	NO	4.00	NO				
Third	R1	Residential	LKD	W1	149°	10.00	NO	10.00	YES	46.00	YES	18.00	YES
				W34	284°N	4.00	NO	0.00	NO				
				W35	194°	35.00	YES	11.00	YES				
	R2	Residential	Bedroom	W2	239°	7.00	NO	7.00	YES	59.00	YES	20.00	YES
				W3	149°	57.00	YES	18.00	YES				
	R3	Residential	Bedroom	W4	149°	44.00	YES	16.00	YES	44.00	YES	16.00	YES
	R4	Residential	LKD	W5	149°	8.00	NO	8.00	YES	8.00	NO	8.00	YES
	R5	Residential	Bedroom	W6	239°	7.00	NO	7.00	YES	55.00	YES	17.00	YES
				W7	149°	53.00	YES	15.00	YES				
	R6	Residential	Bedroom	W8	149°	54.00	YES	17.00	YES	57.00	YES	17.00	YES
				W9	59°N	9.00	NO	0.00	NO				
	R7	Residential	LKD	W10	149°	9.00	NO	6.00	YES	9.00	NO	6.00	YES
	R8	Residential	Bedroom	W11	149°	40.00	YES	11.00	YES	40.00	YES	11.00	YES
	R9	Residential	Bedroom	W12	149°	55.00	YES	17.00	YES	59.00	YES	17.00	YES
				W13	59°N	11.00	NO	0.00	NO				
	R10	Residential	LKD	W14	149°	10.00	NO	6.00	YES	33.00	YES	6.00	YES
				W15	104°	28.00	YES	1.00	NO				
				W16	14°N	0.00	NO	0.00	NO				
	R11	Residential	LKD	W17	104°	25.00	YES	3.00	NO	33.00	YES	3.00	NO
				W18	14°N	0.00	NO	0.00	NO				
				W19	329°N	8.00	NO	0.00	NO				

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	R12	Residential	Bedroom	W20	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R13	Residential	Bedroom	W21	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R14	Residential	LKD	W22	59°N	0.00	NO	0.00	NO	8.00	NO	0.00	NO
				W23	329°N	8.00	NO	0.00	NO				
	R15	Residential	Bedroom	W24	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R16	Residential	Bedroom	W25	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R17	Residential	Bedroom	W26	329°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R18	Residential	LKD	W27	329°N	8.00	NO	0.00	NO	29.00	YES	4.00	NO
				W28	239°	26.00	YES	4.00	NO				
	R19	Residential	Bedroom	W29	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R20	Residential	Bedroom	W30	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R21	Residential	LKD	W31	329°N	8.00	NO	0.00	NO	42.00	YES	8.00	YES
				W32	284°N	12.00	NO	0.00	NO				
				W33	194°	30.00	YES	8.00	YES				
Fourth	R1	Residential	LKD	W1	149°	57.00	YES	24.00	YES	80.00	YES	26.00	YES
				W34	284°N	13.00	NO	0.00	NO				
				W35	194°	47.00	YES	19.00	YES				
	R2	Residential	Bedroom	W2	239°	33.00	YES	13.00	YES	80.00	YES	28.00	YES
				W3	149°	62.00	YES	23.00	YES				
R3	Residential	Bedroom	W4	149°	49.00	YES	21.00	YES	49.00	YES	21.00	YES	
R4	Residential	LKD	W5	149°	10.00	NO	10.00	YES	10.00	NO	10.00	YES	
R5	Residential	Bedroom	W6	239°	9.00	NO	9.00	YES					



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				W7	149°	61.00	YES	22.00	YES				
	R6	Residential	Bedroom	W8	149°	60.00	YES	21.00	YES	63.00	YES	24.00	YES
				W9	59°N	11.00	NO	0.00	NO				
	R7	Residential	LKD	W10	149°	12.00	NO	7.00	YES	63.00	YES	21.00	YES
	R8	Residential	Bedroom	W11	149°	45.00	YES	13.00	YES	12.00	NO	7.00	YES
	R9	Residential	Bedroom	W12	149°	59.00	YES	20.00	YES	45.00	YES	13.00	YES
				W13	59°N	16.00	NO	0.00	NO				
	R10	Residential	LKD	W14	149°	53.00	YES	15.00	YES	64.00	YES	20.00	YES
				W15	104°	31.00	YES	4.00	NO				
				W16	14°N	0.00	NO	0.00	NO				
	R11	Residential	LKD	W17	104°	28.00	YES	4.00	NO	54.00	YES	16.00	YES
				W18	14°N	0.00	NO	0.00	NO				
				W19	329°N	10.00	NO	0.00	NO				
	R12	Residential	Bedroom	W20	329°N	2.00	NO	0.00	NO	38.00	YES	4.00	NO
	R13	Residential	Bedroom	W21	329°N	0.00	NO	0.00	NO	2.00	NO	0.00	NO
	R14	Residential	LKD	W22	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W23	329°N	8.00	NO	0.00	NO				
	R15	Residential	Bedroom	W24	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R16	Residential	Bedroom	W25	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R17	Residential	Bedroom	W26	329°N	1.00	NO	0.00	NO	8.00	NO	0.00	NO
	R18	Residential	LKD	W27	329°N	8.00	NO	0.00	NO	1.00	NO	0.00	NO
				W28	239°	31.00	YES	4.00	NO				
										34.00	YES	4.00	NO

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	R19	Residential	Bedroom	W29	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R20	Residential	Bedroom	W30	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R21	Residential	LKD	W31	329°N	8.00	NO	0.00	NO	57.00	YES	15.00	YES
W32				284°N	15.00	NO	0.00	NO					
W33				194°	43.00	YES	15.00	YES					
Fifth	R1	Residential	LKD	W1	149°	61.00	YES	25.00	YES	89.00	YES	30.00	YES
				W21	239°	49.00	YES	16.00	YES				
	R2	Residential	Bedroom	W2	149°	65.00	YES	24.00	YES	65.00	YES	24.00	YES
							W3	149°	61.00				
	R3	Residential	Bedroom	W4	149°	65.00	YES	24.00	YES	65.00	YES	24.00	YES
	R4	Residential	LKD	W5	149°	71.00	YES	25.00	YES	71.00	YES	25.00	YES
	R5	Residential	Bedroom	W6	149°	64.00	YES	23.00	YES	64.00	YES	23.00	YES
	R6	Residential	Bedroom	W7	149°	59.00	YES	20.00	YES	64.00	YES	23.00	YES
							W8	149°	63.00				
	R7	Residential	LKD	W9	149°	57.00	YES	16.00	YES	58.00	YES	17.00	YES
							W10	59°N	19.00				
	R8	Residential	LKD	W11	59°N	19.00	NO	2.00	NO	29.00	YES	2.00	NO
							W12	329°N	10.00				
	R9	Residential	Bedroom	W13	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R10	Residential	Bedroom	W14	329°N	10.00	NO	0.00	NO	10.00	NO	0.00	NO
	R11	Residential	Bedroom	W15	329°N	10.00	NO	0.00	NO	10.00	NO	0.00	NO
	R12	Residential	LKD	W16	329°N	10.00	NO	0.00	NO	10.00	NO	0.00	NO

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				W17	239°	38.00	YES	5.00	YES				
	R13	Residential	Bedroom	W18	329°N	8.00	NO	0.00	NO	38.00	YES	5.00	YES
	R14	Residential	LKD	W19	329°N	10.00	NO	0.00	NO	8.00	NO	0.00	NO
				W20	239°	49.00	YES	16.00	YES				
						49.00	YES			49.00	YES	16.00	YES
<b>Block TU</b>													
Ground	R1	Residential	KD	W1	149°	18.00	NO	3.00	NO				
				W31	239°	22.00	NO	4.00	NO	40.00	YES	7.00	YES
	R2	Residential	Living Room	W2	149°	19.00	NO	3.00	NO				
				W3	59°N	1.00	NO	0.00	NO	20.00	NO	3.00	NO
	R3	Residential	Bedroom	W4	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R4	Residential	Bedroom	W5	239°	3.00	NO	3.00	NO				
				W6	149°	16.00	NO	2.00	NO	17.00	NO	3.00	NO
	R5	Residential	Bedroom	W7	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R6	Residential	LKD	W8	239°	1.00	NO	1.00	NO				
				W9	149°	18.00	NO	0.00	NO				
				W10	149°	21.00	NO	0.00	NO	22.00	NO	1.00	NO
	R7	Residential	LKD	W11	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R8	Residential	Bedroom	W12	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R9	Residential	LKD	W13	149°	27.00	YES	5.00	YES				
				W14	149°	35.00	YES	6.00	YES				
				W15	59°N	11.00	NO	2.00	NO				
				W16	59°N	7.00	NO	0.00	NO	40.00	YES	6.00	YES

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	R10	Residential	Bedroom	W17	59°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R11	Residential	Bedroom	W18	59°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R12	Residential	Bedroom	W19	59°N	11.00	NO	2.00	NO	11.00	NO	2.00	NO
	R13	Residential	LKD	W20	59°N	5.00	NO	0.00	NO	12.00	NO	0.00	NO
W21				59°N	8.00	NO	0.00	NO					
W22				329°N	4.00	NO	0.00	NO					
	R14	Residential	Bedroom	W23	329°N	7.00	NO	0.00	NO	7.00	NO	0.00	NO
	R15	Residential	Bedroom	W24	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R16	Residential	LKD	W25	329°N	4.00	NO	0.00	NO	34.00	YES	6.00	YES
W26				239°	8.00	NO	2.00	NO					
W27				329°N	6.00	NO	0.00	NO					
W28				239°	34.00	YES	6.00	YES					
	R17	Residential	Bedroom	W29	239°	31.00	YES	6.00	YES	31.00	YES	6.00	YES
	R18	Residential	Bedroom	W30	239°	27.00	YES	4.00	NO	27.00	YES	4.00	NO
First	R1	Residential	LKD	W1	149°	30.00	YES	7.00	YES	65.00	YES	14.00	YES
				W39	239°	35.00	YES	8.00	YES				
				W40	239°	41.00	YES	8.00	YES				
	R2	Residential	Bedroom	W2	149°	28.00	YES	6.00	YES	28.00	YES	6.00	YES
	R3	Residential	Bedroom	W3	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R4	Residential	LKD	W4	239°	3.00	NO	3.00	NO	27.00	YES	4.00	NO
				W5	149°	24.00	NO	3.00	NO				
				W6	149°	24.00	NO	2.00	NO				
	R5	Residential	Bedroom	W7	149°	0.00	NO	0.00	NO				

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	R6	Residential	LKD	W8	239°	2.00	NO	2.00	NO	0.00	NO	0.00	NO
				W9	149°	22.00	NO	0.00	NO				
				W10	149°	25.00	YES	0.00	NO				
						27.00				27.00	YES	2.00	NO
	R7	Residential	LKD	W11	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R8	Residential	LKD	W12	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R9	Residential	Bedroom	W13	149°	25.00	YES	2.00	NO	25.00	YES	2.00	NO
	R10	Residential	Bedroom	W14	149°	33.00	YES	5.00	YES	33.00	YES	5.00	YES
	R11	Residential	LKD	W15	149°	35.00	YES	6.00	YES				
				W16	59°N	12.00	NO	3.00	NO				
				W17	59°N	8.00	NO	0.00	NO				
						40.00				40.00	YES	6.00	YES
	R12	Residential	LKD	W19	59°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R13	Residential	Bedroom	W20	59°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R14	Residential	Bedroom	W21	59°N	12.00	NO	2.00	NO	12.00	NO	2.00	NO
	R15	Residential	LKD	W22	59°N	5.00	NO	0.00	NO				
				W23	59°N	8.00	NO	0.00	NO				
				W24	329°N	4.00	NO	0.00	NO				
						12.00				12.00	NO	0.00	NO
	R16	Residential	Bedroom	W25	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R17	Residential	Bedroom	W26	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R18	Residential	Bedroom	W27	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R19	Residential	Bedroom	W28	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R20	Residential	Bedroom	W29	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO

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	R21	Residential	LKD	W30	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W31	329°N	4.00	NO	0.00	NO				
				W32	329°N	8.00	NO	0.00	NO				
	R22	Residential	Bedroom	W33	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R23	Residential	LKD	W34	329°N	4.00	NO	0.00	NO	8.00	NO	0.00	NO
				W35	239°	8.00	NO	2.00	NO				
				W36	329°N	6.00	NO	0.00	NO				
				W37	239°	37.00	YES	9.00	YES				
	R24	Residential	Bedroom	W38	239°	39.00	YES	7.00	YES	38.00	YES	9.00	YES
						39.00				39.00	YES	7.00	YES
Second	R1	Residential	LKD	W1	149°	37.00	YES	10.00	YES				
				W38	239°	39.00	YES	10.00	YES				
				W39	239°	45.00	YES	10.00	YES	74.00	YES	18.00	YES
	R2	Residential	Bedroom	W2	149°	35.00	YES	7.00	YES	35.00	YES	7.00	YES
	R3	Residential	Bedroom	W3	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R4	Residential	LKD	W4	239°	4.00	NO	4.00	NO				
				W5	149°	33.00	YES	5.00	YES				
				W6	149°	31.00	YES	4.00	NO	34.00	YES	6.00	YES
	R5	Residential	Bedroom	W7	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R6	Residential	LKD	W8	239°	5.00	NO	5.00	YES				
				W9	149°	31.00	YES	2.00	NO				
				W10	149°	33.00	YES	2.00	NO	36.00	YES	5.00	YES
	R7	Residential	LKD	W11	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R8	Residential	LKD	W12	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO

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	R9	Residential	Bedroom	W13	149°	31.00	YES	2.00	NO	31.00	YES	2.00	NO
	R10	Residential	Bedroom	W14	149°	38.00	YES	5.00	YES	38.00	YES	5.00	YES
	R11	Residential	LKD	W15	149°	38.00	YES	7.00	YES	43.00	YES	7.00	YES
W16				59°N	11.00	NO	3.00	NO					
W17				59°N	7.00	NO	0.00	NO					
	R12	Residential	LKD	W18	59°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R13	Residential	Bedroom	W19	59°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R14	Residential	Bedroom	W20	59°N	12.00	NO	2.00	NO	12.00	NO	2.00	NO
	R15	Residential	LKD	W21	59°N	5.00	NO	0.00	NO	12.00	NO	0.00	NO
W22				59°N	8.00	NO	0.00	NO					
W23				329°N	4.00	NO	0.00	NO					
	R16	Residential	Bedroom	W24	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R17	Residential	Bedroom	W25	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R18	Residential	Bedroom	W26	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R19	Residential	Bedroom	W27	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R20	Residential	Bedroom	W28	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R21	Residential	LKD	W29	59°N	0.00	NO	0.00	NO	8.00	NO	0.00	NO
W30				329°N	4.00	NO	0.00	NO					
W31				329°N	8.00	NO	0.00	NO					
	R22	Residential	Bedroom	W32	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R23	Residential	LKD	W33	329°N	4.00	NO	0.00	NO	8.00	NO	0.00	NO
W34				239°	8.00	NO	3.00	NO					

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				W35	329°N	6.00	NO	0.00	NO				
				W36	239°	40.00	YES	12.00	YES				
	R24	Residential	Bedroom	W37	239°	43.00	YES	11.00	YES	41.00	YES	12.00	YES
										43.00	YES	11.00	YES
Third	R1	Residential	LKD	W1	149°	45.00	YES	12.00	YES				
				W38	239°	43.00	YES	15.00	YES				
				W39	239°	51.00	YES	16.00	YES	85.00	YES	23.00	YES
	R2	Residential	Bedroom	W2	149°	45.00	YES	12.00	YES	45.00	YES	12.00	YES
	R3	Residential	Bedroom	W3	149°	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R4	Residential	LKD	W4	239°	6.00	NO	6.00	YES				
				W5	149°	43.00	YES	10.00	YES				
				W6	149°	43.00	YES	9.00	YES	45.00	YES	11.00	YES
	R5	Residential	Bedroom	W7	149°	1.00	NO	1.00	NO	1.00	NO	1.00	NO
	R6	Residential	LKD	W8	239°	5.00	NO	5.00	YES				
				W9	149°	41.00	YES	7.00	YES				
				W10	149°	42.00	YES	7.00	YES	43.00	YES	8.00	YES
	R7	Residential	LKD	W11	149°	40.00	YES	6.00	YES	40.00	YES	6.00	YES
	R8	Residential	LKD	W12	149°	41.00	YES	12.00	YES	41.00	YES	12.00	YES
	R9	Residential	Bedroom	W13	149°	40.00	YES	5.00	YES	40.00	YES	5.00	YES
	R10	Residential	Bedroom	W14	149°	42.00	YES	8.00	YES	42.00	YES	8.00	YES
	R11	Residential	LKD	W15	149°	42.00	YES	12.00	YES				
				W16	59°N	23.00	NO	3.00	NO				
				W17	59°N	14.00	NO	0.00	NO	49.00	YES	12.00	YES
	R12	Residential	LKD	W18	59°N	6.00	NO	0.00	NO				



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	R13	Residential	Bedroom	W19	59°N	5.00	NO	0.00	NO	6.00	NO	0.00	NO
	R14	Residential	Bedroom	W20	59°N	10.00	NO	2.00	NO	5.00	NO	0.00	NO
	R15	Residential	LKD	W21	59°N	5.00	NO	0.00	NO	10.00	NO	2.00	NO
				W22	59°N	18.00	NO	0.00	NO				
				W23	329°N	4.00	NO	0.00	NO				
	R16	Residential	Bedroom	W24	329°N	4.00	NO	0.00	NO	22.00	NO	0.00	NO
	R17	Residential	Bedroom	W25	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R18	Residential	Bedroom	W26	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R19	Residential	Bedroom	W27	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R20	Residential	Bedroom	W28	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R21	Residential	LKD	W29	59°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
				W30	329°N	5.00	NO	0.00	NO				
				W31	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R22	Residential	Bedroom	W32	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R23	Residential	LKD	W33	329°N	5.00	NO	0.00	NO	8.00	NO	0.00	NO
				W34	239°	29.00	YES	5.00	YES				
				W35	329°N	8.00	NO	0.00	NO				
				W36	239°	43.00	YES	15.00	YES				
	R24	Residential	Bedroom	W37	239°	47.00	YES	15.00	YES	45.00	YES	15.00	YES
						47.00	YES			47.00	YES	15.00	YES
<b>Block V</b>													
Ground	R1	Residential	LKD	W1	149°	32.00	YES	4.00	NO				



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First	R1	Residential	LKD	W1	149°	37.00	YES	6.00	YES	52.00	YES	9.00	YES
				W2	149°	37.00	YES	5.00	YES				
				W33	239°	25.00	YES	8.00	YES				
	R2	Residential	LKD	W3	149°	36.00	YES	4.00	NO	41.00	YES	4.00	NO
				W4	149°	37.00	YES	4.00	NO				
				W5	59°N	12.00	NO	0.00	NO				
	R3	Residential	Bedroom	W6	149°	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R4	Residential	LKD	W7	149°	40.00	YES	6.00	YES	45.00	YES	7.00	YES
				W8	149°	41.00	YES	7.00	YES				
				W9	59°N	16.00	NO	2.00	NO				
	R5	Residential	Bedroom	W10	149°	1.00	NO	0.00	NO	1.00	NO	0.00	NO
				W11	149°	43.00	YES	9.00	YES				
W12				149°	26.00	YES	6.00	YES					
R6	Residential	LKD	W13	72°N	11.00	NO	3.00	NO	43.00	YES	9.00	YES	
			W14	162°	1.00	NO	1.00	NO					
			W15	162°	44.00	YES	12.00	YES					
R7	Residential	Bedroom	W16	162°	45.00	YES	13.00	YES	44.00	YES	12.00	YES	
			W17	72°N	12.00	NO	3.00	NO					
			W18	72°N	10.00	NO	2.00	NO					
R8	Residential	Living Room	W19	72°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO	
			W20	72°N	5.00	NO	0.00	NO					
			W21	72°N	12.00	NO	3.00	NO					
R9	Residential	KD	W22	342°N	0.00	NO	0.00	NO	12.00	NO	3.00	NO	
			W23	342°N	0.00	NO	0.00	NO					
R10	Residential	Bedroom	W23	342°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO	

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Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R13	Residential	Bedroom	W24	342°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R14	Residential	LKD	W25 W26	342°N 329°N	0.00 0.00	NO NO	0.00 0.00	NO NO	0.00	NO	0.00	NO
	R15	Residential	Bedroom	W27	329°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R16	Residential	Bedroom	W28	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R17	Residential	Bedroom	W29	329°N	6.00	NO	0.00	NO	6.00	NO	0.00	NO
	R18	Residential	LKD	W30 W31	329°N 239°	5.00 34.00	NO YES	0.00 7.00	NO YES	34.00	YES	7.00	YES
	R19	Residential	Bedroom	W32	239°	24.00	NO	4.00	NO	24.00	NO	4.00	NO
Second	R1	Residential	LKD	W1 W2 W33	149° 149° 239°	42.00 42.00 31.00	YES YES YES	9.00 8.00 9.00	YES YES YES	62.00	YES	12.00	YES
	R2	Residential	LKD	W3 W4 W5	149° 149° 59°N	42.00 42.00 12.00	YES YES NO	8.00 8.00 0.00	YES YES NO	46.00	YES	8.00	YES
	R3	Residential	Bedroom	W6	149°	3.00	NO	2.00	NO	3.00	NO	2.00	NO
	R4	Residential	LKD	W7 W8 W9	149° 149° 59°N	43.00 44.00 16.00	YES YES NO	9.00 10.00 2.00	YES YES NO	48.00	YES	10.00	YES
	R5	Residential	Bedroom	W10	149°	4.00	NO	3.00	NO	4.00	NO	3.00	NO
	R6	Residential	LKD	W11 W12 W13	149° 149° 72°N	45.00 28.00 11.00	YES YES NO	11.00 8.00 3.00	YES YES NO	46.00	YES	12.00	YES

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	R7	Residential	Bedroom	W14	162°	1.00	NO	1.00	NO	1.00	NO	1.00	NO
	R8	Residential	Bedroom	W15	162°	47.00	YES	15.00	YES	47.00	YES	15.00	YES
	R9	Residential	LKD	W16	162°	47.00	YES	15.00	YES	56.00	YES	15.00	YES
W17				72°N	12.00	NO	3.00	NO					
W18				72°N	10.00	NO	2.00	NO					
	R10	Residential	Living Room	W19	72°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
W20				72°N	5.00	NO	0.00	NO					
	R11	Residential	KD	W21	72°N	12.00	NO	3.00	NO	12.00	NO	3.00	NO
W22				342°N	0.00	NO	0.00	NO					
	R12	Residential	Bedroom	W23	342°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R13	Residential	Bedroom	W24	342°N	0.00	NO	0.00	NO	0.00	NO	0.00	NO
	R14	Residential	LKD	W25	342°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
W26				329°N	2.00	NO	0.00	NO					
	R15	Residential	Bedroom	W27	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R16	Residential	Bedroom	W28	329°N	3.00	NO	0.00	NO	3.00	NO	0.00	NO
	R17	Residential	Bedroom	W29	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R18	Residential	LKD	W30	329°N	8.00	NO	0.00	NO	41.00	YES	8.00	YES
W31				239°	40.00	YES	8.00	YES					
	R19	Residential	Bedroom	W32	239°	35.00	YES	7.00	YES	35.00	YES	7.00	YES
Third	R1	Residential	LKD	W1	149°	46.00	YES	12.00	YES	72.00	YES	16.00	YES
W2				149°	47.00	YES	13.00	YES					
W33				239°	39.00	YES	11.00	YES					

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	R2	Residential	LKD	W3	149°	47.00	YES	13.00	YES	51.00	YES	13.00	YES
				W4	149°	46.00	YES	12.00	YES				
				W5	59°N	12.00	NO	0.00	NO				
	R3	Residential	Bedroom	W6	149°	6.00	NO	5.00	YES	6.00	NO	5.00	YES
	R4	Residential	LKD	W7	149°	46.00	YES	12.00	YES	51.00	YES	13.00	YES
				W8	149°	47.00	YES	13.00	YES				
				W9	59°N	16.00	NO	2.00	NO				
	R5	Residential	Bedroom	W10	149°	6.00	NO	5.00	YES	6.00	NO	5.00	YES
	R6	Residential	LKD	W11	149°	48.00	YES	14.00	YES	48.00	YES	14.00	YES
				W12	149°	30.00	YES	10.00	YES				
				W13	72°N	11.00	NO	3.00	NO				
	R7	Residential	Bedroom	W14	162°	3.00	NO	3.00	NO	3.00	NO	3.00	NO
	R8	Residential	Bedroom	W15	162°	51.00	YES	19.00	YES	51.00	YES	19.00	YES
	R9	Residential	LKD	W16	162°	52.00	YES	20.00	YES	61.00	YES	20.00	YES
				W17	72°N	12.00	NO	3.00	NO				
				W18	72°N	10.00	NO	2.00	NO				
	R10	Residential	Living Room	W19	72°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
				W20	72°N	5.00	NO	0.00	NO				
	R11	Residential	KD	W21	72°N	12.00	NO	3.00	NO	13.00	NO	3.00	NO
				W22	342°N	1.00	NO	0.00	NO				
	R12	Residential	Bedroom	W23	342°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R13	Residential	Bedroom	W24	342°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R14	Residential	LKD	W25	342°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
				W26	329°N	4.00	NO	0.00	NO				

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	R15	Residential	Bedroom	W27	329°N	4.00	NO	0.00	NO	5.00	NO	0.00	NO
	R16	Residential	Bedroom	W28	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R17	Residential	Bedroom	W29	329°N	8.00	NO	0.00	NO	4.00	NO	0.00	NO
	R18	Residential	LKD	W30	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
				W31	239°	44.00	YES	9.00	YES	44.00	YES	9.00	YES
	R19	Residential	Bedroom	W32	239°	40.00	YES	8.00	YES	40.00	YES	8.00	YES
Fourth	R1	Residential	LKD	W1	149°	49.00	YES	15.00	YES				
				W2	149°	48.00	YES	14.00	YES				
				W33	239°	48.00	YES	15.00	YES	83.00	YES	22.00	YES
	R2	Residential	LKD	W3	149°	51.00	YES	16.00	YES				
				W4	149°	51.00	YES	16.00	YES				
				W5	59°N	12.00	NO	0.00	NO	54.00	YES	16.00	YES
	R3	Residential	Bedroom	W6	149°	7.00	NO	7.00	YES	7.00	NO	7.00	YES
	R4	Residential	LKD	W7	149°	52.00	YES	18.00	YES				
				W8	149°	52.00	YES	18.00	YES				
				W9	59°N	16.00	NO	2.00	NO	56.00	YES	18.00	YES
	R5	Residential	Bedroom	W10	149°	9.00	NO	9.00	YES	9.00	NO	9.00	YES
	R6	Residential	LKD	W11	149°	54.00	YES	20.00	YES				
				W12	149°	34.00	YES	14.00	YES				
				W13	72°N	9.00	NO	3.00	NO	54.00	YES	20.00	YES
	R7	Residential	Bedroom	W14	162°	6.00	NO	6.00	YES	6.00	NO	6.00	YES
	R8	Residential	Bedroom	W15	162°	56.00	YES	24.00	YES	56.00	YES	24.00	YES

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Daylight & Sunlight - Proposed Scheme Rel 02 - Existing v Proposal  
 Date of Analysis: 21/03/2022

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R9	Residential	LKD	W16	162°	55.00	YES	23.00	YES	63.00	YES	23.00	YES
				W17	72°N	11.00	NO	3.00	NO				
				W18	72°N	10.00	NO	2.00	NO				
	R10	Residential	Living Room	W19	72°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
				W20	72°N	5.00	NO	0.00	NO				
	R11	Residential	KD	W21	72°N	11.00	NO	3.00	NO	12.00	NO	3.00	NO
				W22	342°N	1.00	NO	0.00	NO				
	R12	Residential	Bedroom	W23	342°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R13	Residential	Bedroom	W24	342°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
	R14	Residential	LKD	W25	342°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
				W26	329°N	4.00	NO	0.00	NO				
	R15	Residential	Bedroom	W27	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R16	Residential	Bedroom	W28	329°N	4.00	NO	0.00	NO	4.00	NO	0.00	NO
	R17	Residential	Bedroom	W29	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R18	Residential	LKD	W30	329°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
				W31	239°	47.00	YES	12.00	YES	47.00	YES	12.00	YES
	R19	Residential	Bedroom	W32	239°	45.00	YES	10.00	YES	45.00	YES	10.00	YES
Fifth	R1	Residential	LKD	W1	149°	66.00	YES	24.00	YES	96.00	YES	29.00	YES
				W2	149°	62.00	YES	23.00	YES				
				W25	239°	46.00	YES	14.00	YES				
				W26	239°	51.00	YES	16.00	YES				
	R2	Residential	LKD	W3	149°	56.00	YES	21.00	YES	63.00	YES	24.00	YES
				W4	149°	58.00	YES	24.00	YES				



Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Daylight & Sunlight - Proposed Scheme Rel 02 - Existing v Proposal  
 Date of Analysis: 21/03/2022

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R3	Residential	Bedroom	W5	239°	26.00	YES	10.00	YES	77.00	YES	28.00	YES
				W6	149°	54.00	YES	20.00	YES				
	R4	Residential	Bedroom	W7	149°	54.00	YES	20.00	YES	60.00	YES	20.00	YES
				W8	59°N	12.00	NO	0.00	NO				
	R5	Residential	LKD	W9	149°	61.00	YES	20.00	YES	62.00	YES	21.00	YES
				W10	149°	56.00	YES	21.00	YES				
	R6	Residential	Bedroom	W11	162°	72.00	YES	27.00	YES	72.00	YES	27.00	YES
	R7	Residential	Bedroom	W12	162°	56.00	YES	24.00	YES				
				W13	72°N	30.00	YES	5.00	YES	69.00	YES	24.00	YES
	R8	Residential	LKD	W14	72°N	23.00	NO	3.00	NO				
				W15	72°N	30.00	YES	5.00	YES	31.00	YES	5.00	YES
				W16	342°N	1.00	NO	0.00	NO				
				W17	342°N	1.00	NO	0.00	NO				
	R9	Residential	Bedroom	W18	342°N	1.00	NO	0.00	NO				
	R10	Residential	LKD	W19	342°N	1.00	NO	0.00	NO	1.00	NO	0.00	NO
				W20	329°N	1.00	NO	0.00	NO				
	R11	Residential	Bedroom	W21	329°N	2.00	NO	0.00	NO	2.00	NO	0.00	NO
	R12	Residential	Bedroom	W22	329°N	5.00	NO	0.00	NO				
	R13	Residential	Bedroom	W23	329°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
				W24	239°	46.00	YES	14.00	YES				
						47.00	YES			47.00	YES	14.00	YES
<b>Block W</b>													
Ground	R1	Residential	Bedroom	W1	162°	52.00	YES	20.00	YES	52.00	YES	20.00	YES

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Daylight & Sunlight - Proposed Scheme Rel 02 - Existing v Proposal  
 Date of Analysis: 21/03/2022

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R2	Residential	LKD	W2	162°	51.00	YES	19.00	YES	53.00	YES	19.00	YES
				W3	72°N	16.00	NO	2.00	NO				
				W4	72°N	8.00	NO	0.00	NO				
	R3	Residential	Bedroom	W5	72°N	7.00	NO	0.00	NO	7.00	NO	0.00	NO
	R4	Residential	LKD	W6	72°N	12.00	NO	2.00	NO	38.00	YES	6.00	YES
				W9	252°	26.00	YES	4.00	NO				
	R5	Residential	Bedroom	W7	72°N	5.00	NO	0.00	NO	5.00	NO	0.00	NO
	R6	Residential	KD	W8	72°N	10.00	NO	0.00	NO	10.00	NO	0.00	NO
	R7	Residential	Bedroom	W10	252°	36.00	YES	8.00	YES	36.00	YES	8.00	YES
First	R1	Residential	Kitchen	W1	162°	54.00	YES	21.00	YES	85.00	YES	27.00	YES
				W18	252°	38.00	YES	10.00	YES				
	R2	Residential	Living Room	W2	162°	70.00	YES	25.00	YES	70.00	YES	25.00	YES
				W3	72°N	13.00	NO	0.00	NO				
	R3	Residential	Bedroom	W4	72°N	9.00	NO	0.00	NO	9.00	NO	0.00	NO
	R4	Residential	Bedroom	W5	72°N	8.00	NO	0.00	NO	8.00	NO	0.00	NO
	R5	Residential	Studio	W6	72°N	16.00	NO	2.00	NO	16.00	NO	2.00	NO
				W7	72°N	8.00	NO	0.00	NO				
	R6	Residential	KD	W8	72°N	13.00	NO	0.00	NO	13.00	NO	0.00	NO
	R7	Residential	Living Room	W9	72°N	21.00	NO	2.00	NO	21.00	NO	2.00	NO
	R8	Residential	Bedroom	W10	72°N	15.00	NO	0.00	NO	15.00	NO	0.00	NO
	R9	Residential	Bedroom	W11	72°N	13.00	NO	0.00	NO	13.00	NO	0.00	NO

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Daylight & Sunlight - Proposed Scheme Rel 02 - Existing v Proposal  
 Date of Analysis: 21/03/2022

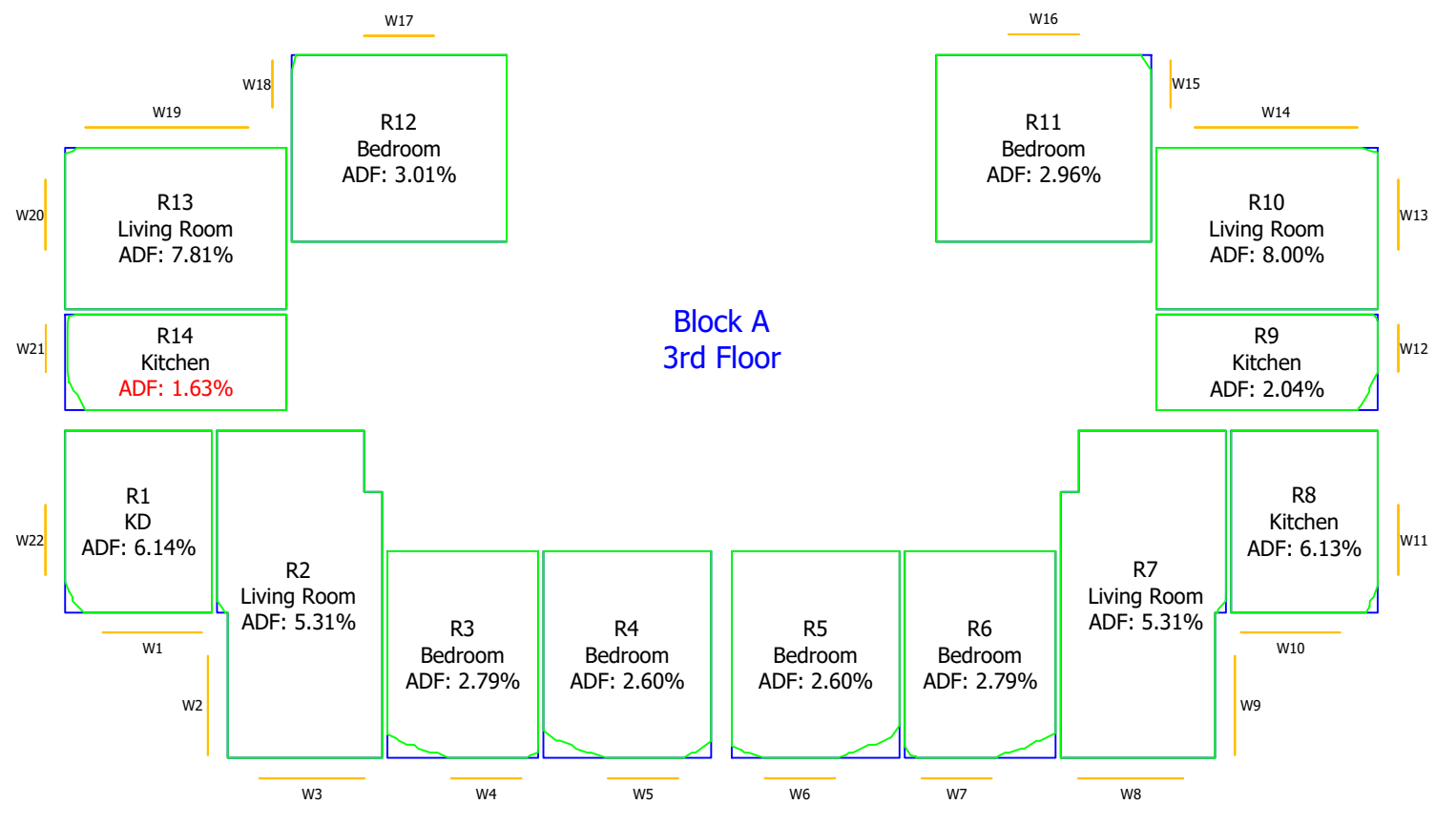
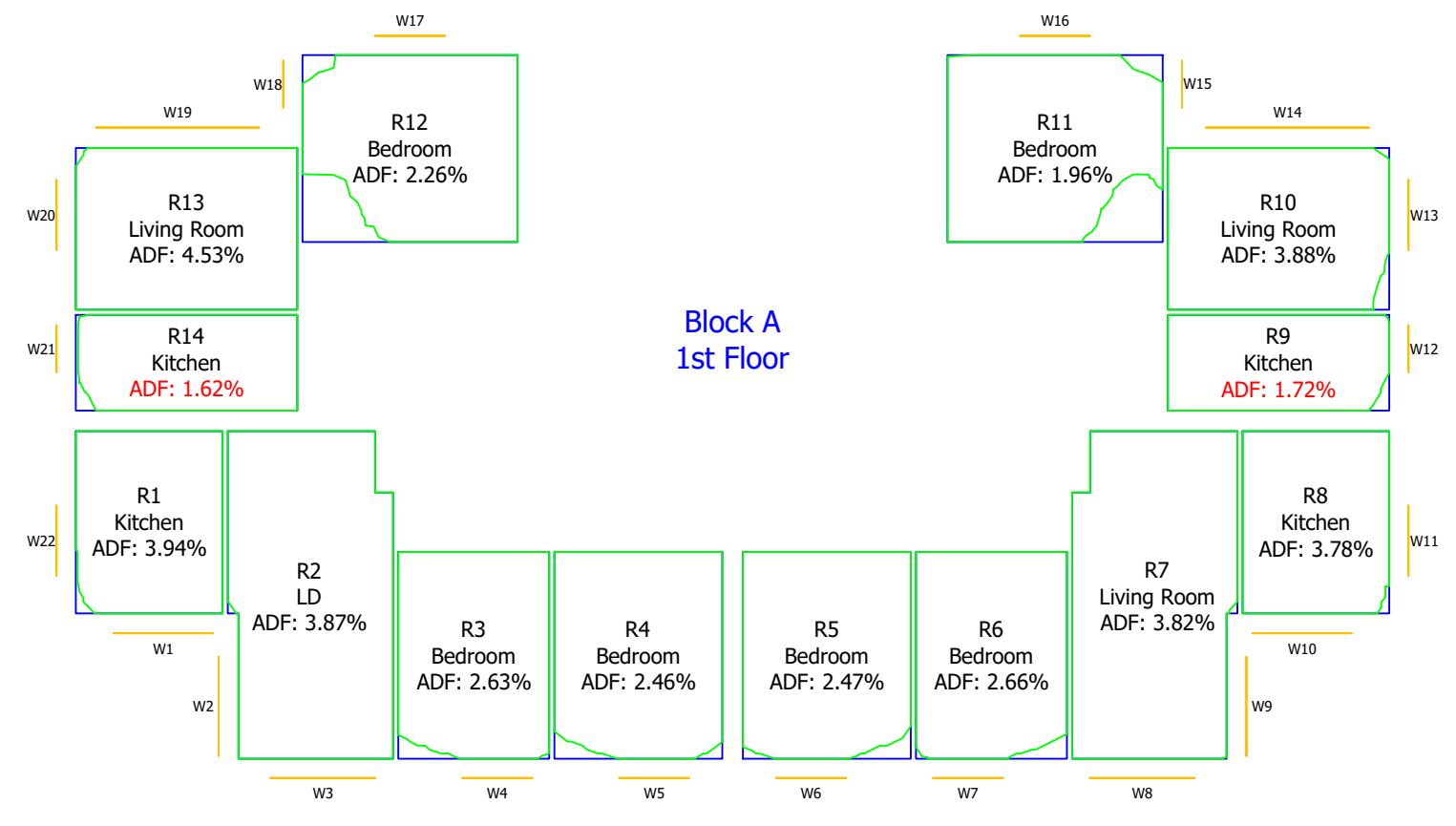
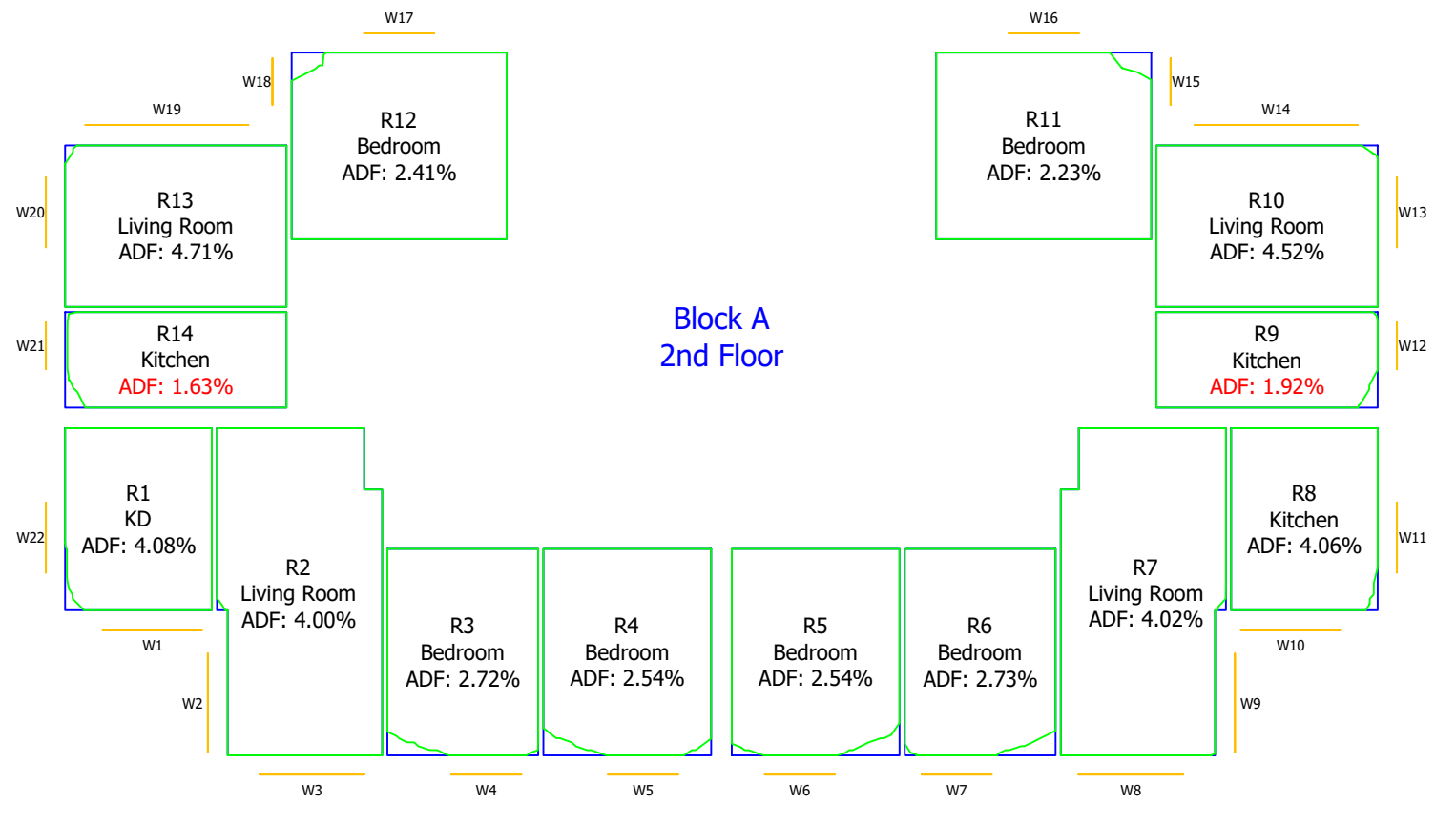
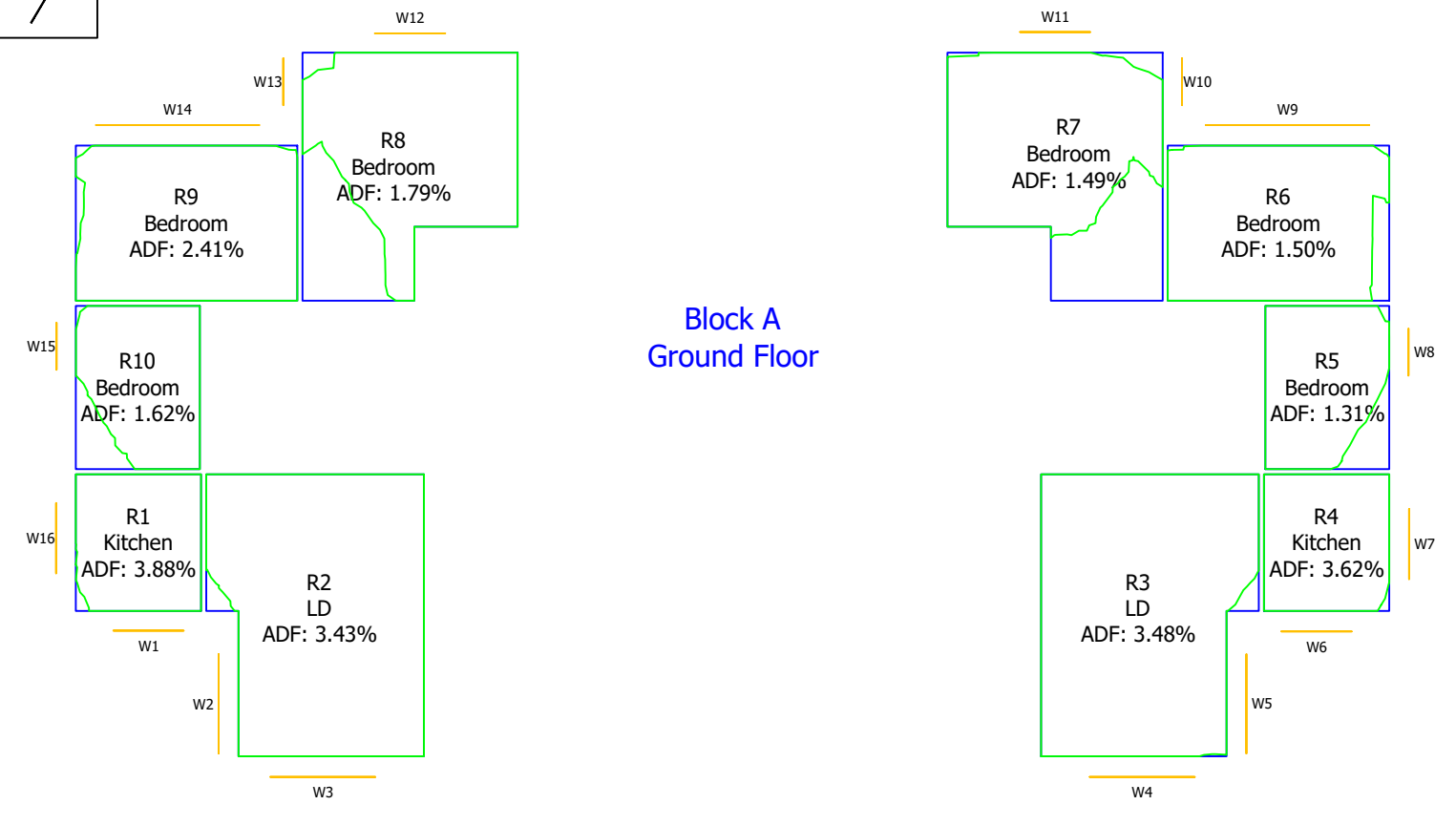
Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R10	Residential	Living Room	W12	72°N	14.00	NO	1.00	NO	14.00	NO	1.00	NO
	R11	Residential	KD	W13 W14	72°N 342°N	10.00 0.00	NO NO	0.00 0.00	NO NO	10.00	NO	0.00	NO
	R12	Residential	Bedroom	W15 W16	342°N 252°	0.00 37.00	NO YES	0.00 10.00	NO YES	37.00	YES	10.00	YES
	R13	Residential	Bedroom	W17	252°	38.00	YES	10.00	YES	38.00	YES	10.00	YES
Second	R1	Residential	Kitchen	W1 W18	162° 252°	54.00 38.00	YES YES	21.00 10.00	YES YES	85.00	YES	27.00	YES
	R2	Residential	Living Room	W2 W3	162° 72°N	71.00 15.00	YES NO	25.00 0.00	YES NO	71.00	YES	25.00	YES
	R3	Residential	Bedroom	W4	72°N	12.00	NO	1.00	NO	12.00	NO	1.00	NO
	R4	Residential	Bedroom	W5	72°N	11.00	NO	1.00	NO	11.00	NO	1.00	NO
	R5	Residential	Studio	W6 W7	72°N 72°N	17.00 11.00	NO NO	2.00 0.00	NO NO	18.00	NO	2.00	NO
	R6	Residential	KD	W8	72°N	16.00	NO	0.00	NO	16.00	NO	0.00	NO
	R7	Residential	Living Room	W9	72°N	24.00	NO	2.00	NO	24.00	NO	2.00	NO
	R8	Residential	Bedroom	W10	72°N	15.00	NO	0.00	NO	15.00	NO	0.00	NO
	R9	Residential	Bedroom	W11	72°N	14.00	NO	0.00	NO	14.00	NO	0.00	NO
	R10	Residential	Living Room	W12	72°N	18.00	NO	1.00	NO	18.00	NO	1.00	NO
	R11	Residential	KD	W13 W14	72°N 342°N	13.00 1.00	NO NO	0.00 0.00	NO NO	14.00	NO	0.00	NO

Project Name: Ham Close  
 Project No.: HA 167\_R02  
 Report Title: Daylight & Sunlight - Proposed Scheme Rel 02 - Existing v Proposal  
 Date of Analysis: 21/03/2022

Floor Ref.	Room Ref.	Property Type	Room Use	Window Ref.	Window Orientation	Annual	Meets BRE Criteria	Winter	Meets BRE Criteria	Total Suns per Room Annual	Meets BRE Criteria	Total Suns per Room Winter	Meets BRE Criteria
	R12	Residential	Bedroom	W15	342°N	1.00	NO	0.00	NO				
				W16	252°	38.00	YES	10.00	YES	38.00	YES	10.00	YES
	R13	Residential	Bedroom	W17	252°	38.00	YES	10.00	YES	38.00	YES	10.00	YES
Third	R1	Residential	Bedroom	W1	162°	55.00	YES	22.00	YES				
				W15	252°	38.00	YES	10.00	YES	86.00	YES	28.00	YES
	R2	Residential	LKD	W2	162°	70.00	YES	25.00	YES				
				W3	72°N	9.00	NO	0.00	NO	71.00	YES	25.00	YES
				W4	72°N	16.00	NO	1.00	NO	22.00	NO	2.00	NO
	R3	Residential	LKD	W5	72°N	22.00	NO	2.00	NO	15.00	NO	0.00	NO
	R4	Residential	Bedroom	W6	72°N	15.00	NO	0.00	NO	19.00	NO	0.00	NO
	R5	Residential	KD	W7	72°N	19.00	NO	0.00	NO	26.00	YES	2.00	NO
	R6	Residential	Living Room	W8	72°N	26.00	YES	2.00	NO	19.00	NO	0.00	NO
	R7	Residential	Bedroom	W9	72°N	19.00	NO	0.00	NO	26.00	YES	2.00	NO
	R8	Residential	LKD	W10	72°N	20.00	NO	1.00	NO	19.00	NO	0.00	NO
				W11	72°N	13.00	NO	0.00	NO				
				W12	342°N	5.00	NO	0.00	NO	25.00	YES	1.00	NO
	R9	Residential	Bedroom	W13	342°N	1.00	NO	0.00	NO				
				W14	252°	28.00	YES	6.00	YES	29.00	YES	6.00	YES

# Appendix 9

## Proposed NSL Contour Plots



**Key:**

**Sources of information**

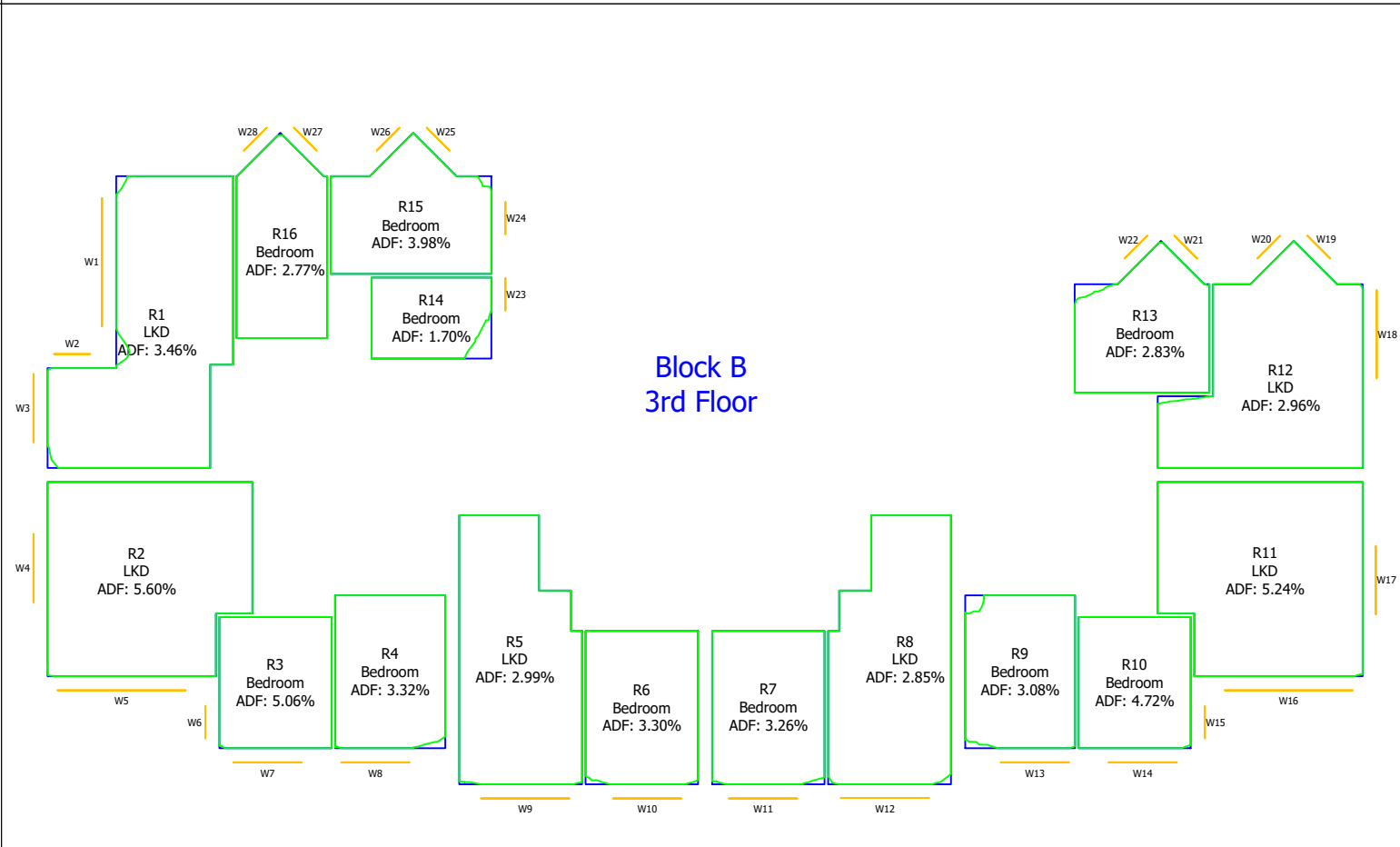
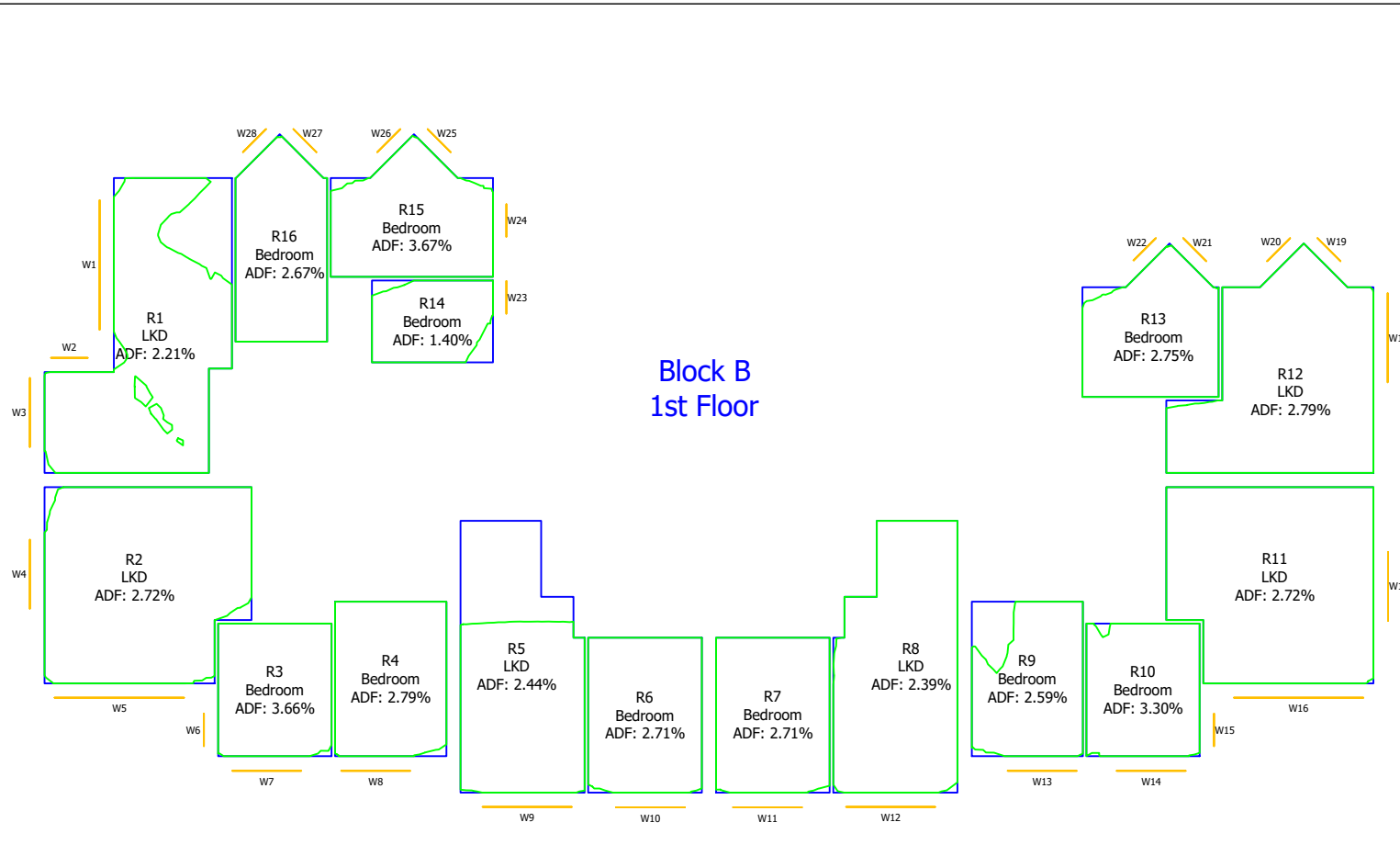
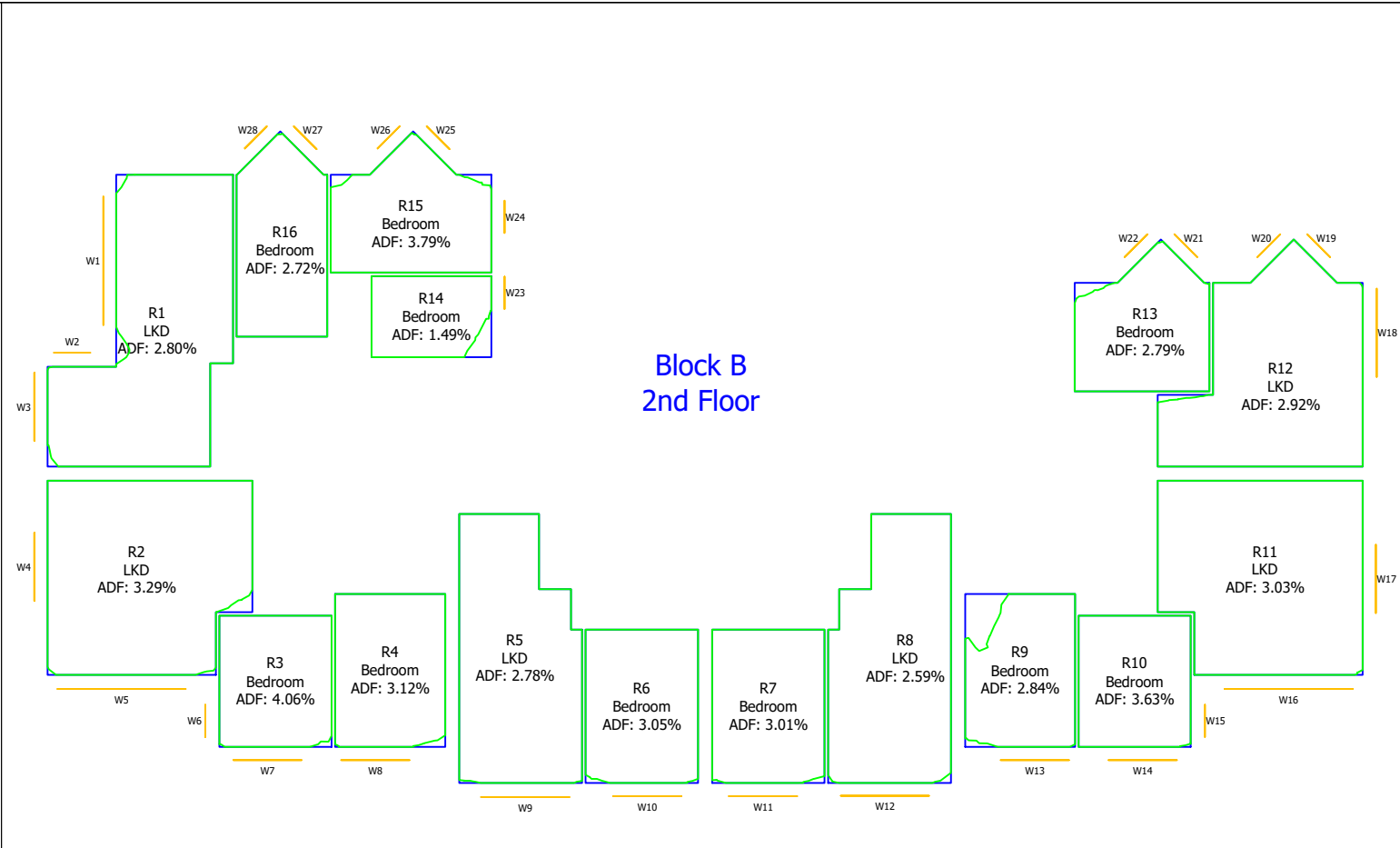
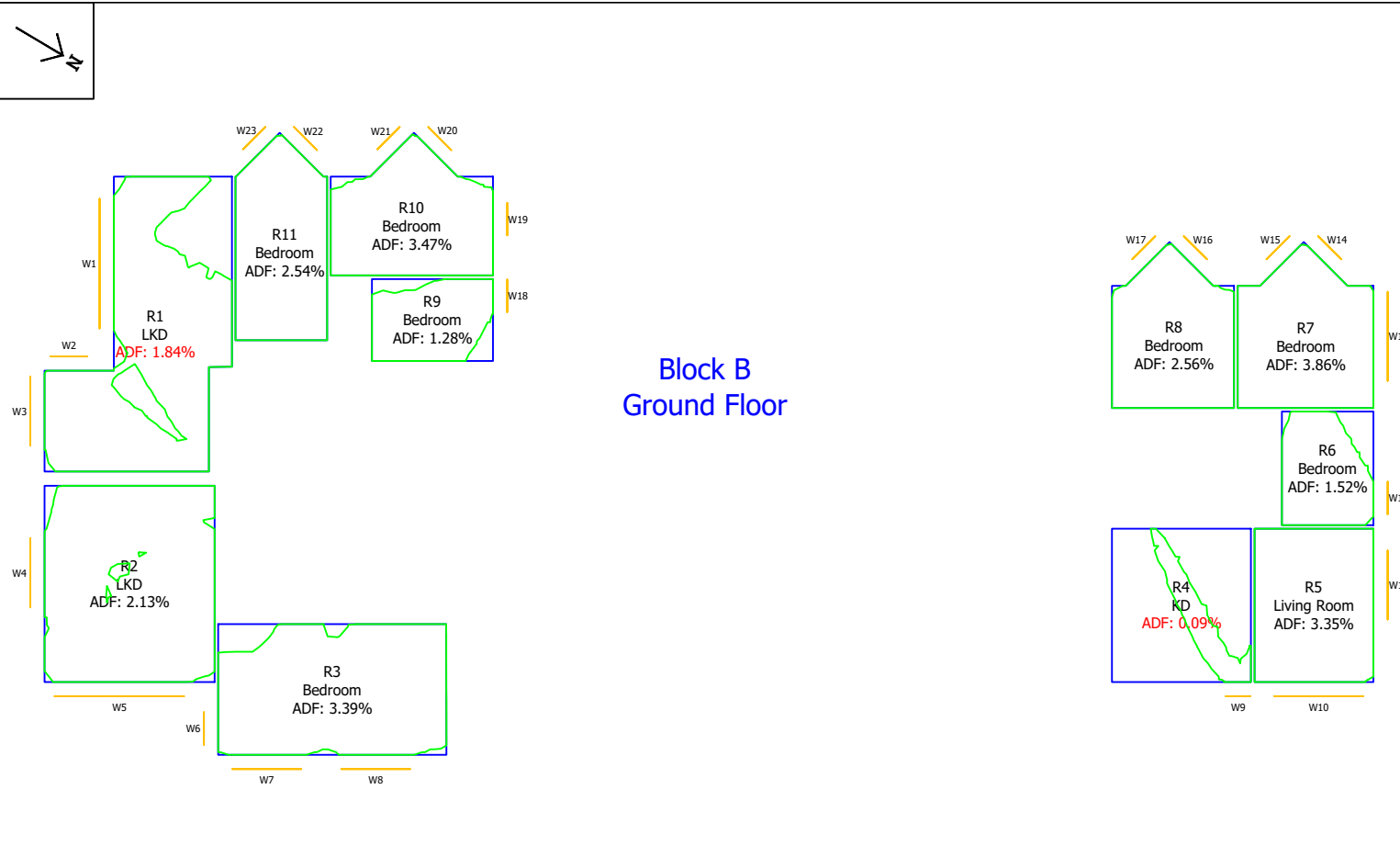
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Existing building	Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER
Surrounding buildings	Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER
Proposed building	Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model

**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/50	<b>Revision</b> -

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**Key:**  
Proposed NSL

**Sources of information**

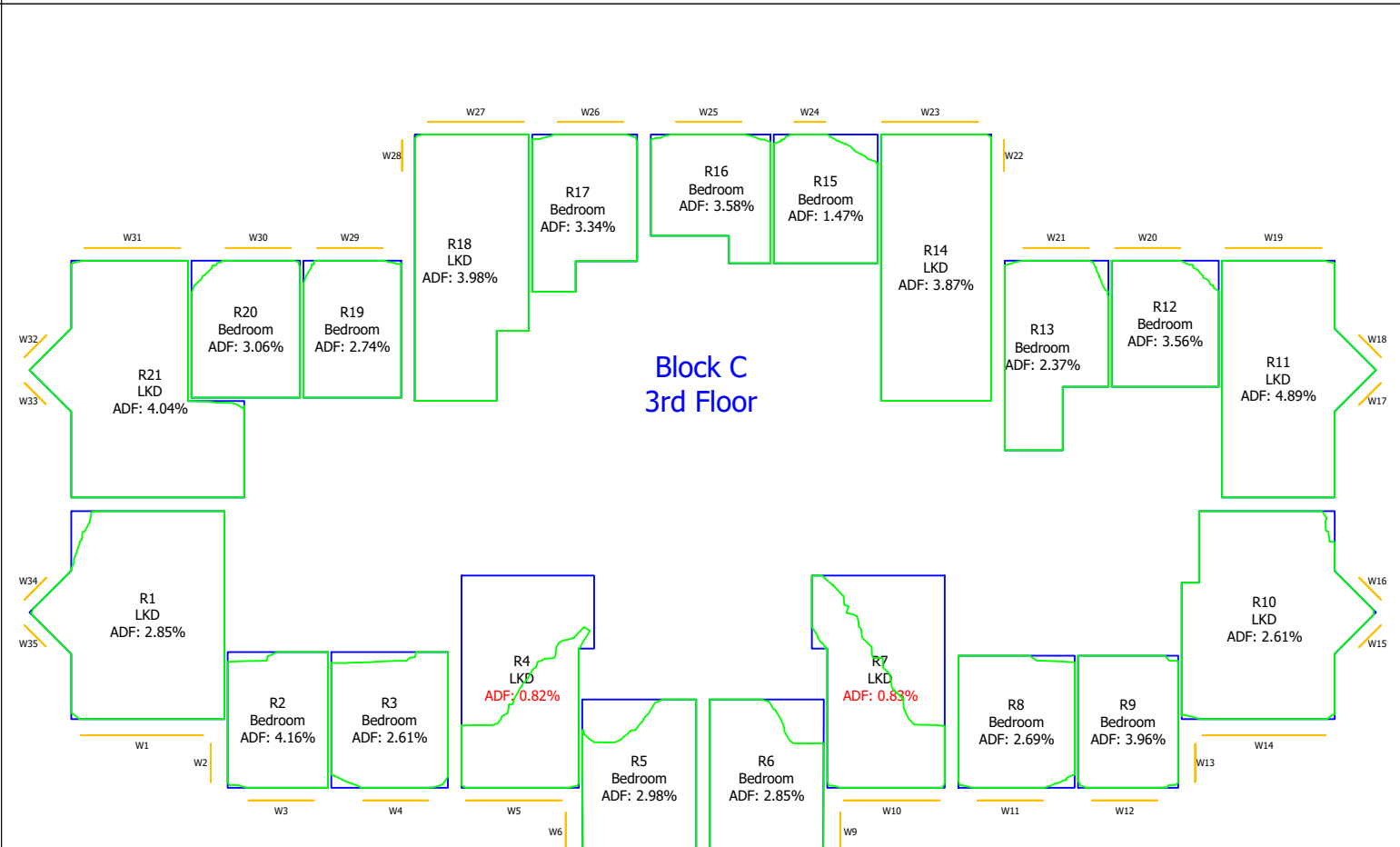
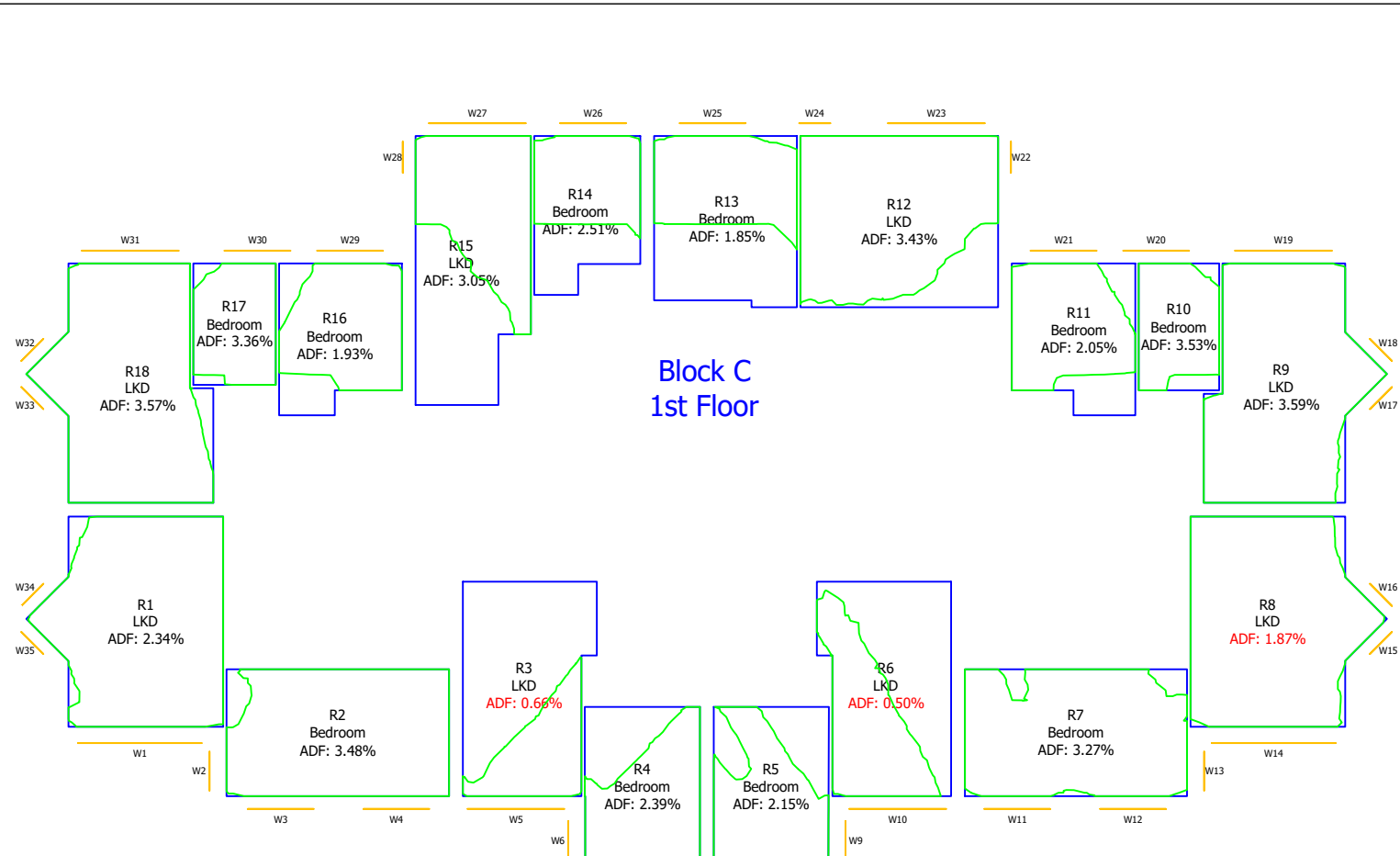
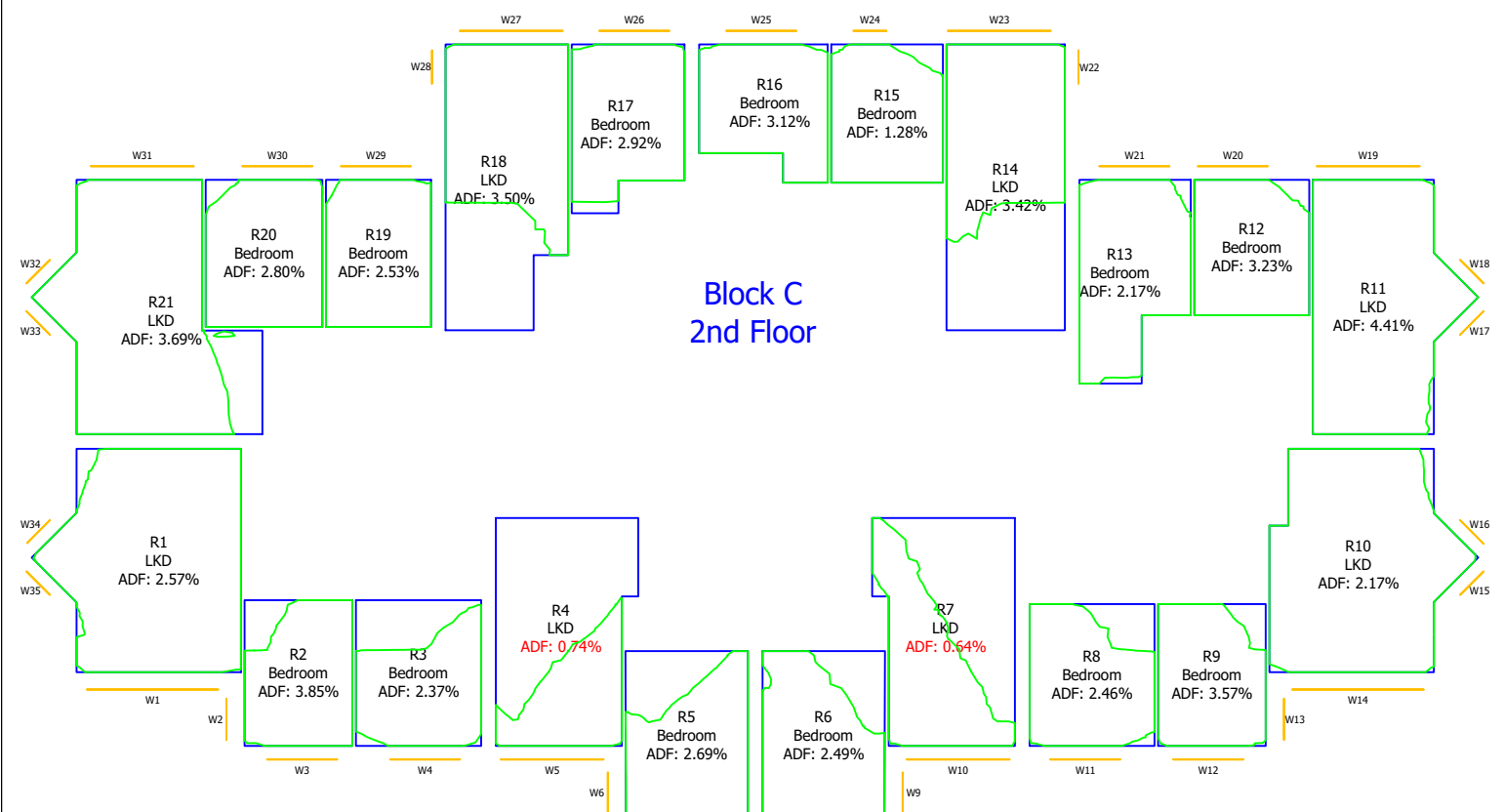
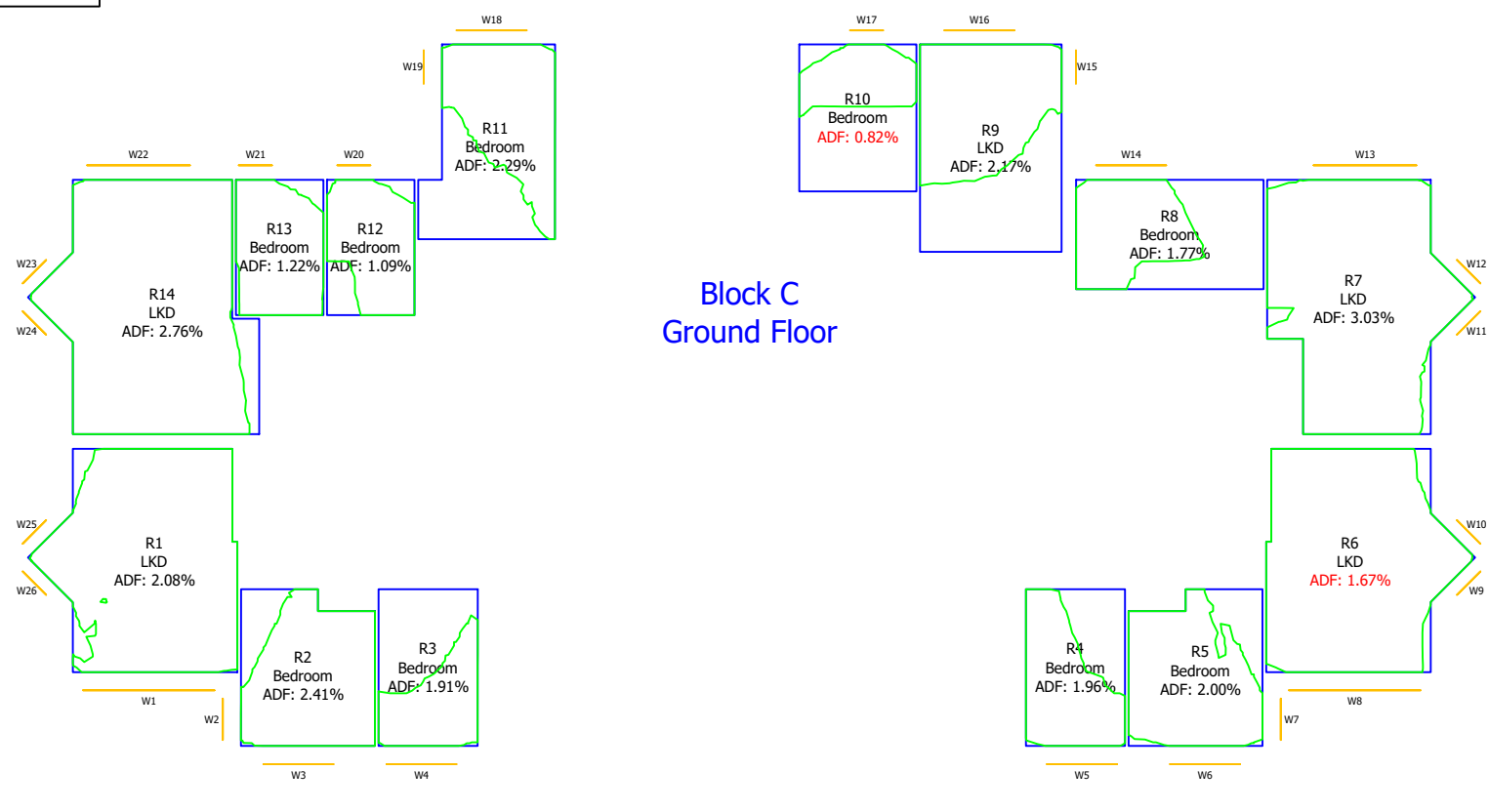
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**Project Name**  
Ham Close, Richmond

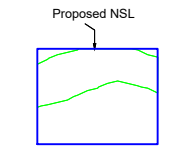
**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/51	<b>Revision</b> -

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Key:



Sources of information		
<b>Existing building</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Surrounding buildings</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model

**Project Name**  
Ham Close, Richmond

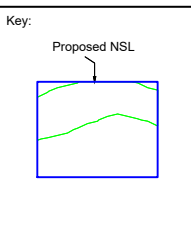
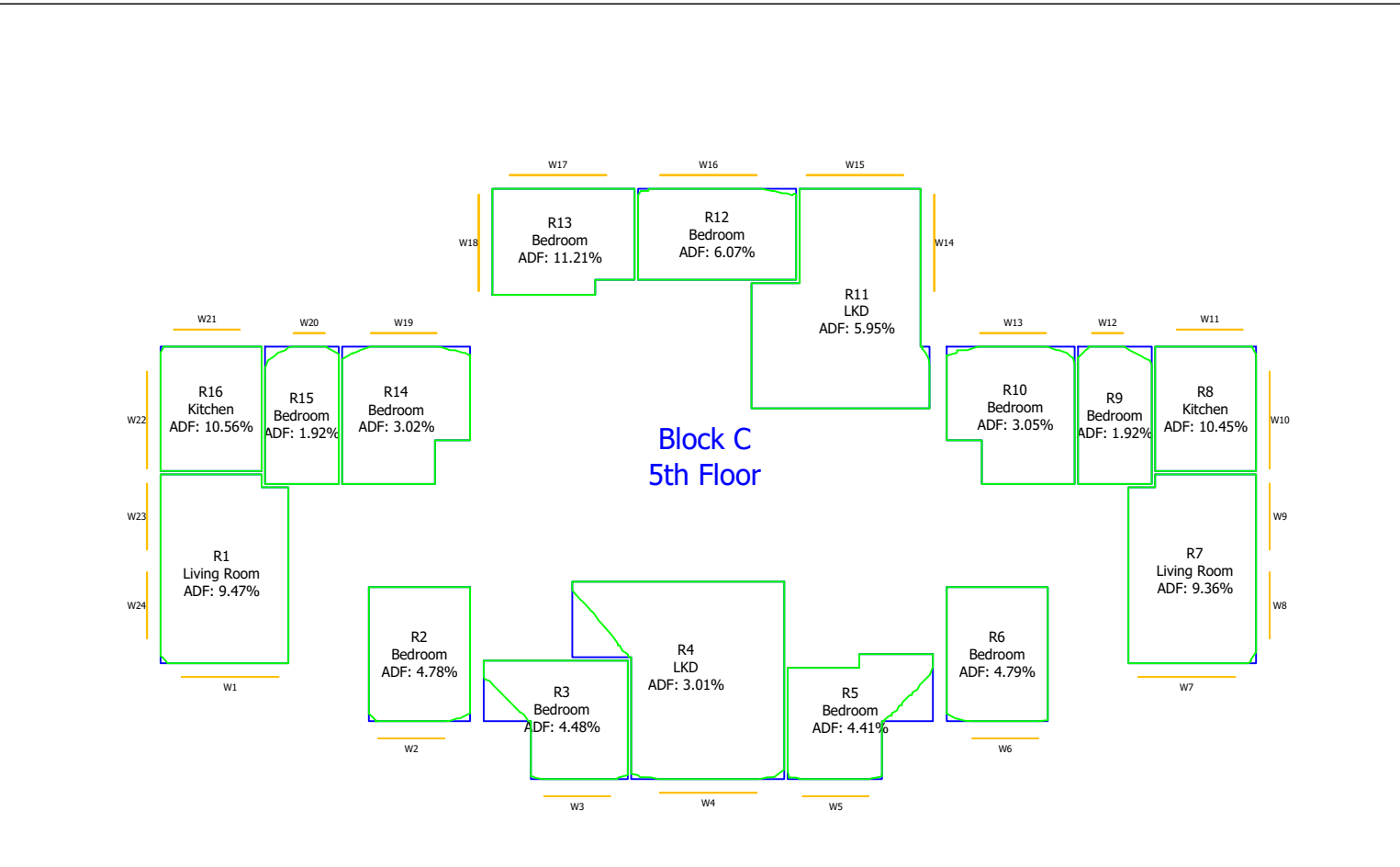
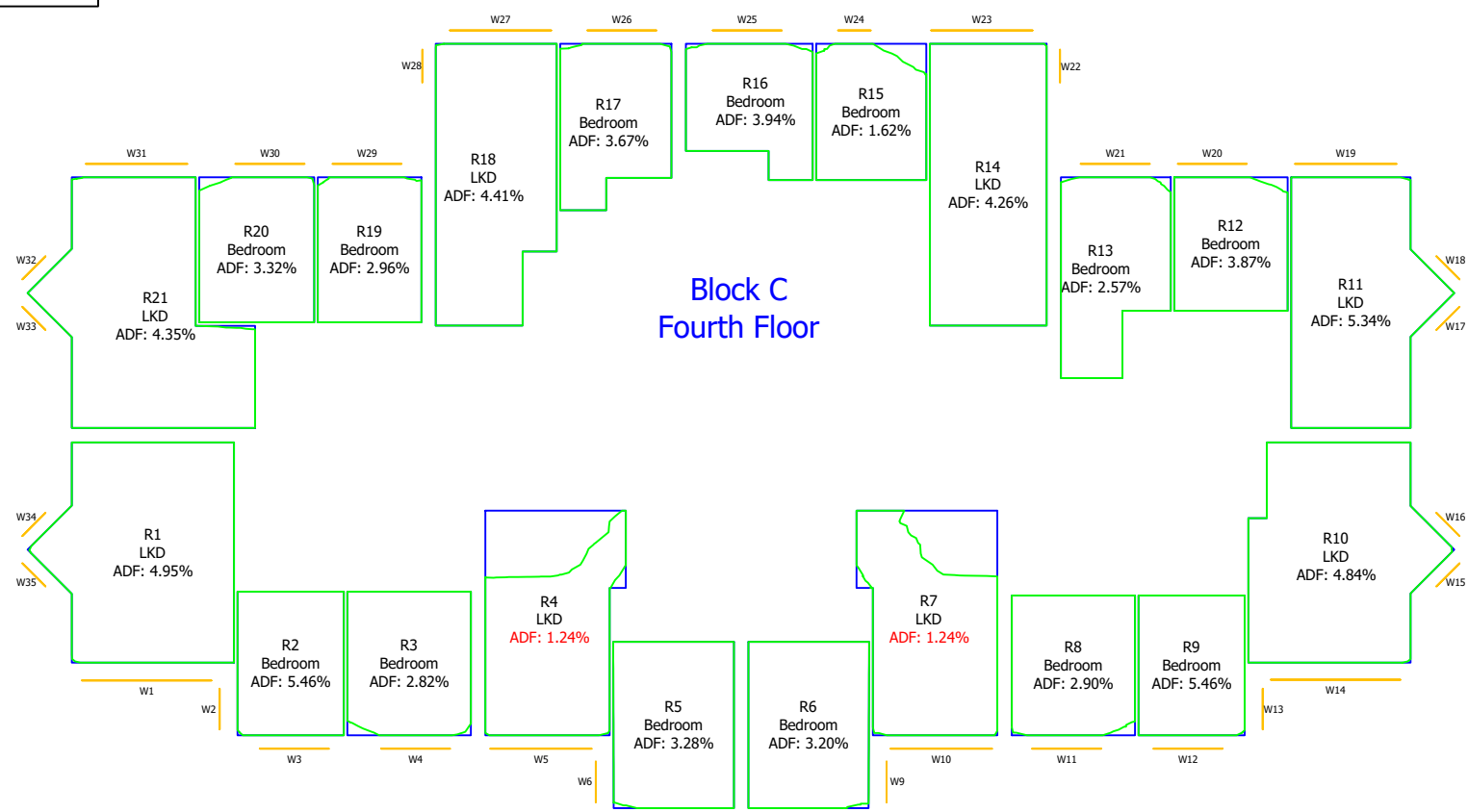
**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/52	<b>Revision</b> -



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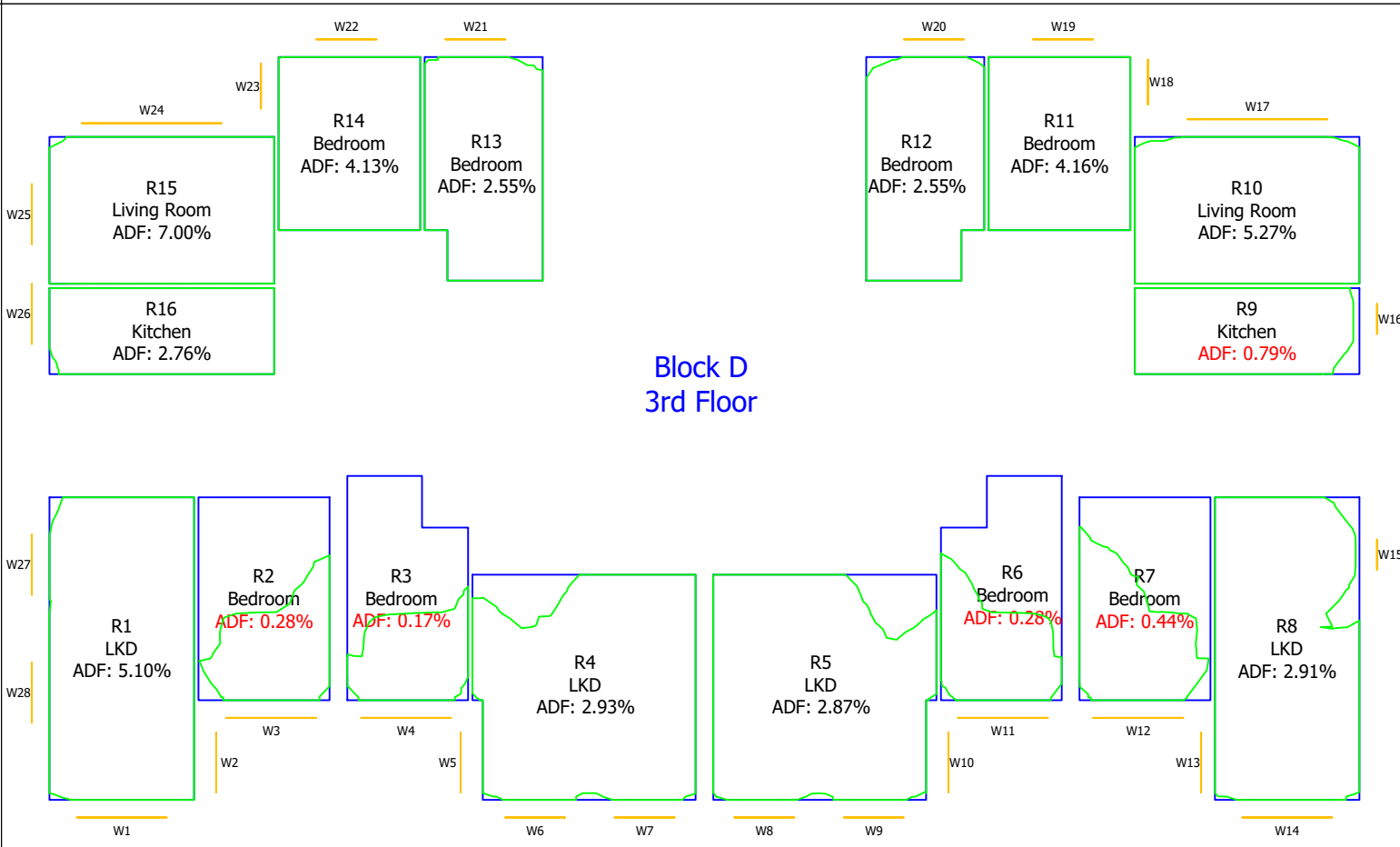
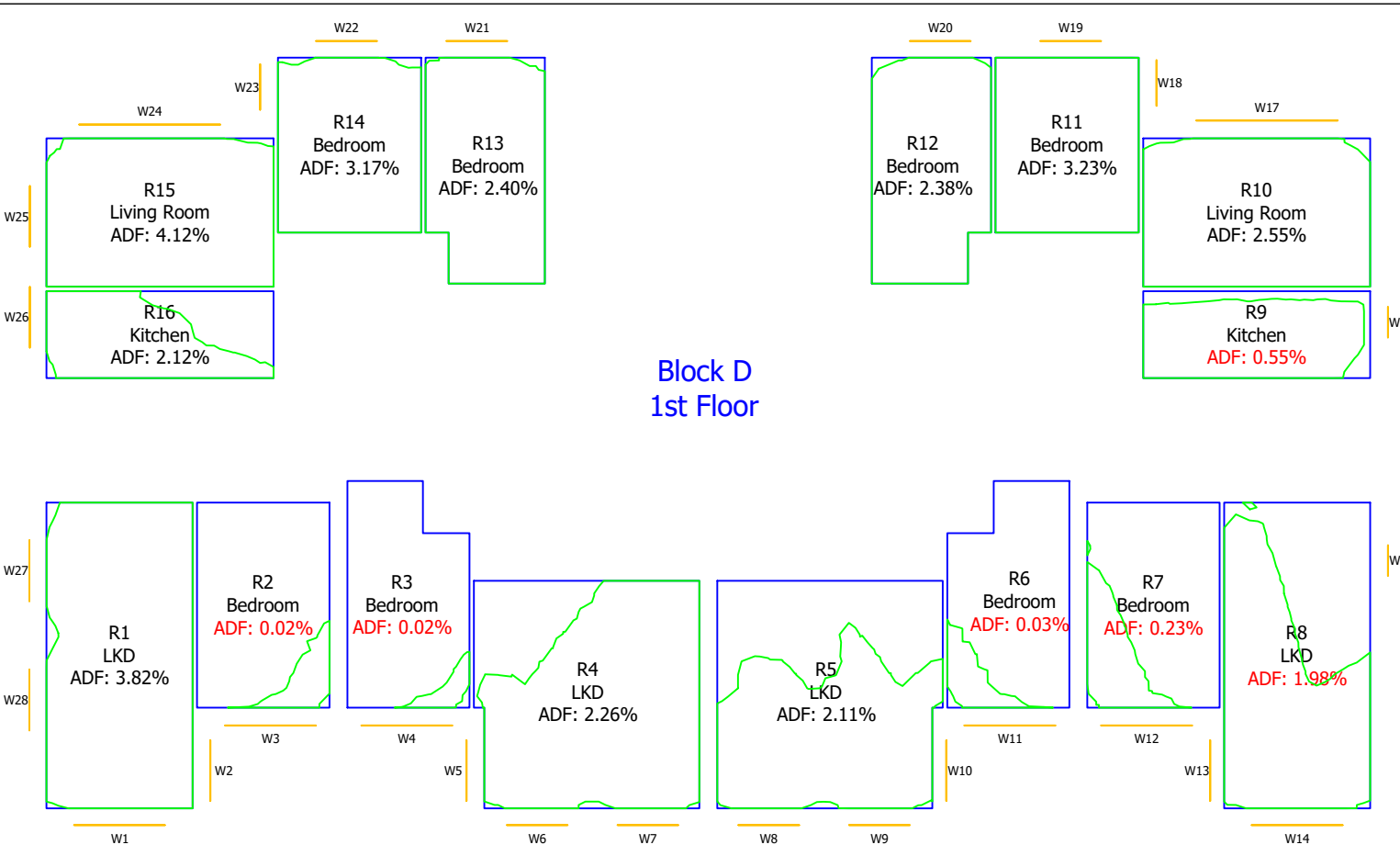
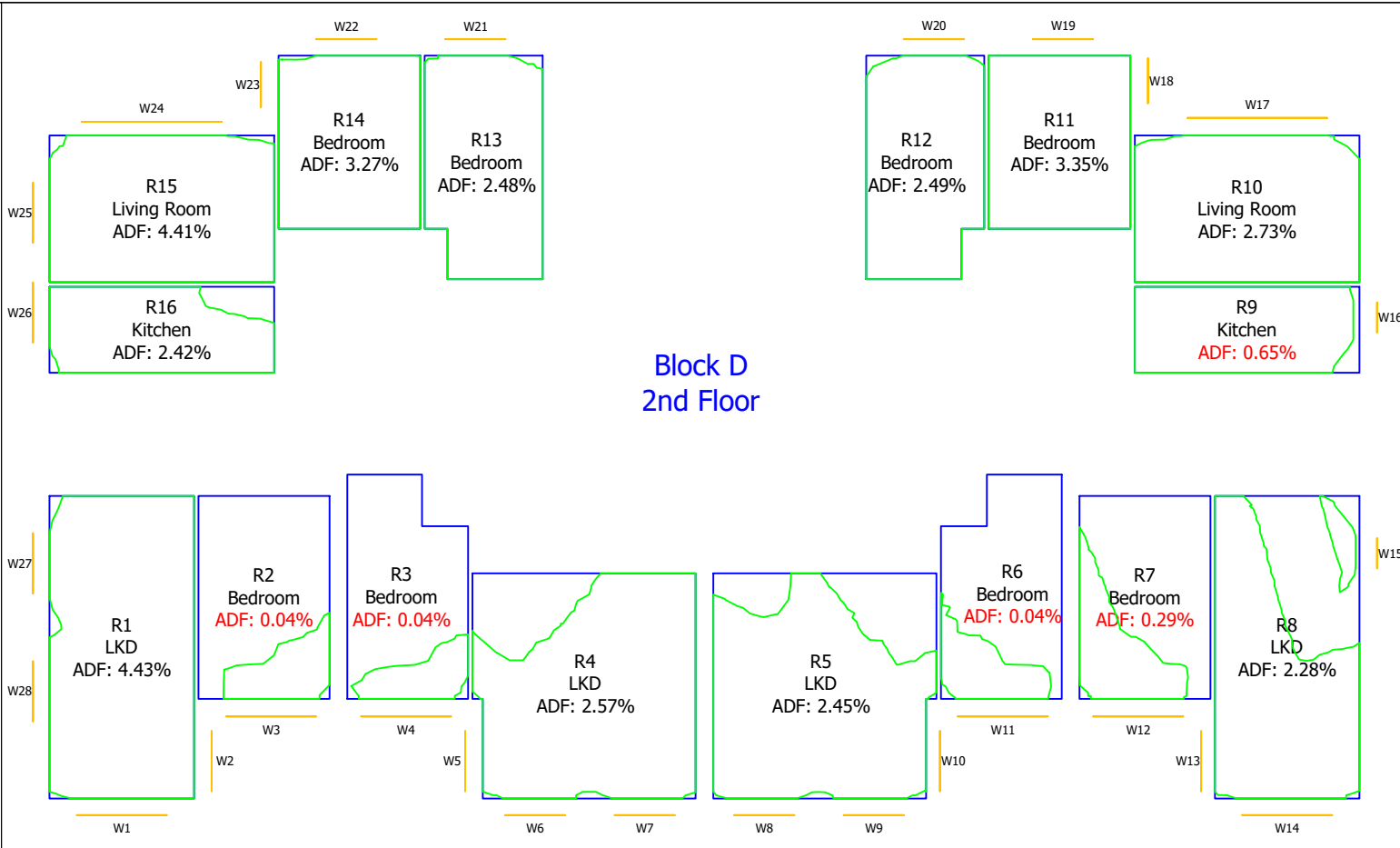
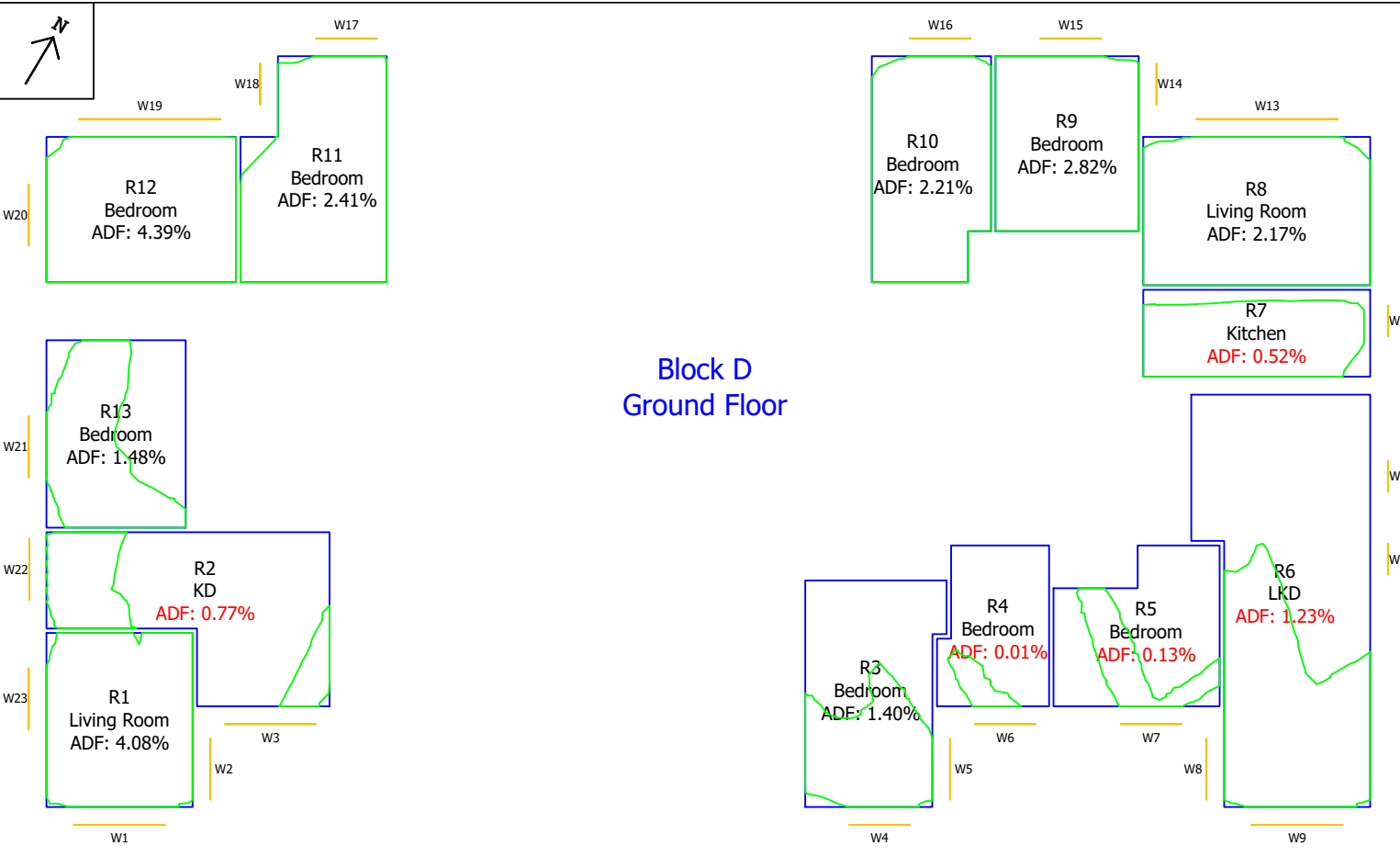
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**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/53	<b>Revision</b> -

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**Key:**

**Sources of information**

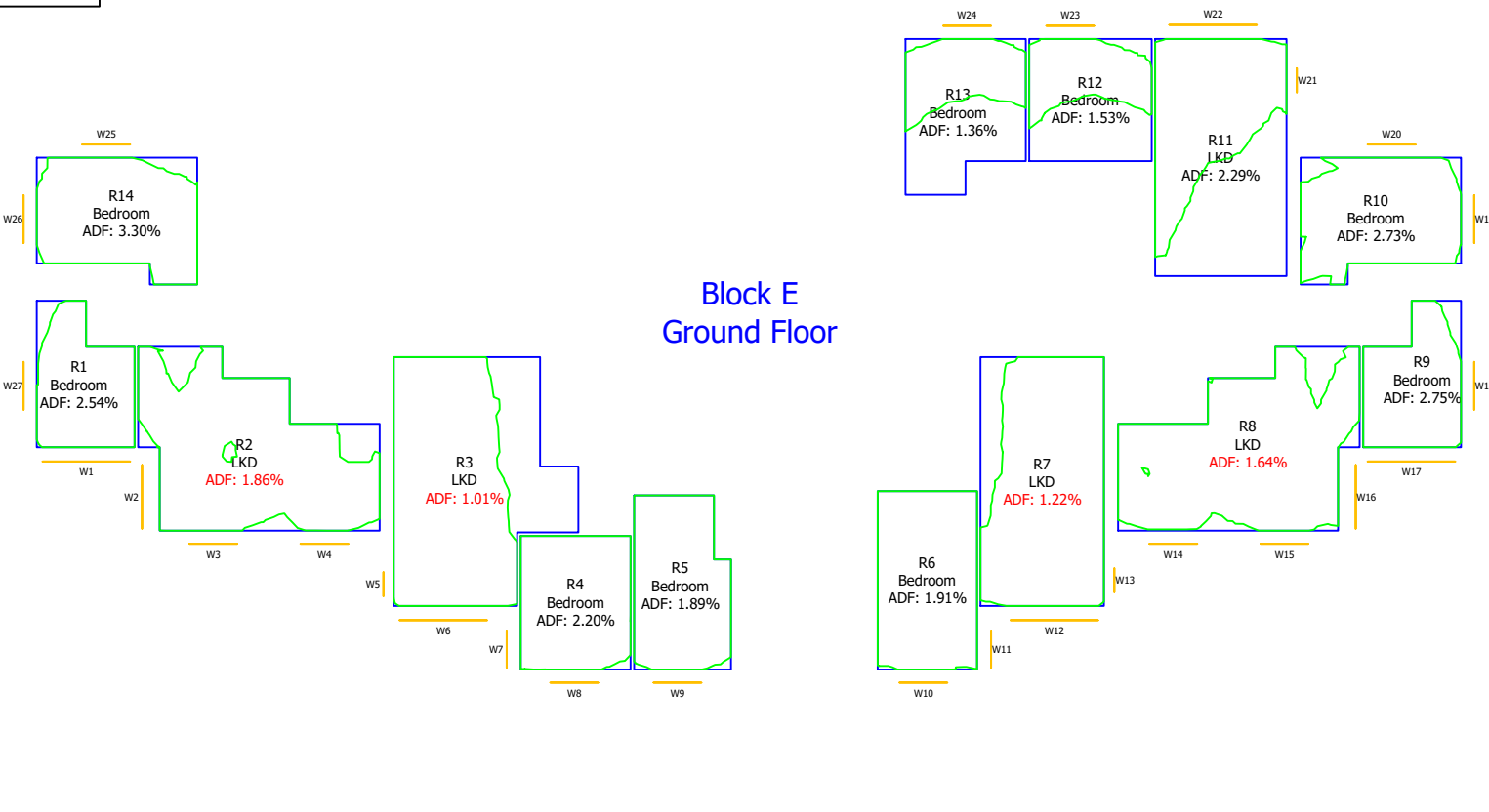
Existing building	Surrounding buildings	Proposed building
Accuracies: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Accuracies: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model

**Project Name**  
Ham Close, Richmond

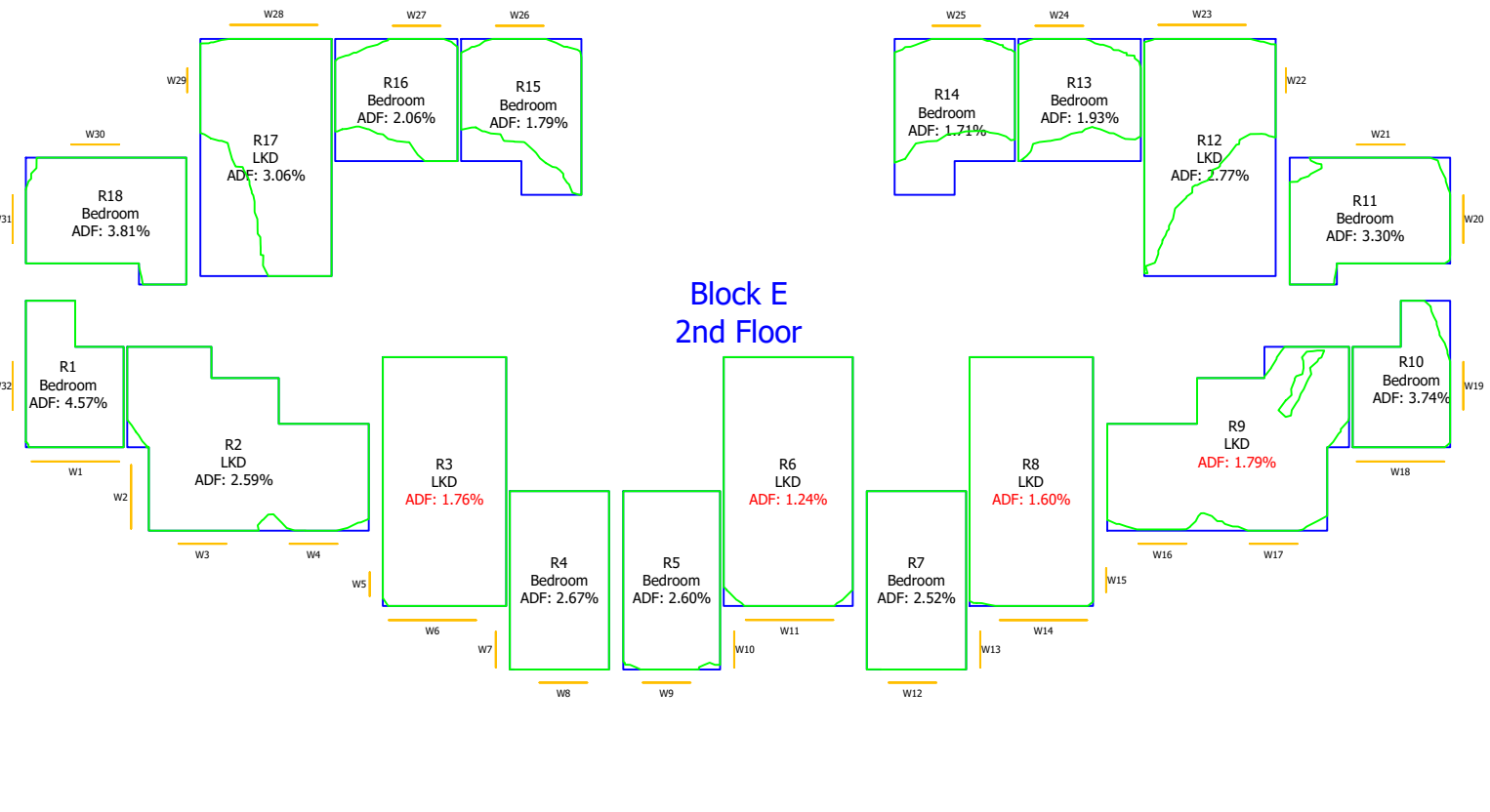
**Drawing Title**  
Daylight Distribution  
Contour Plot

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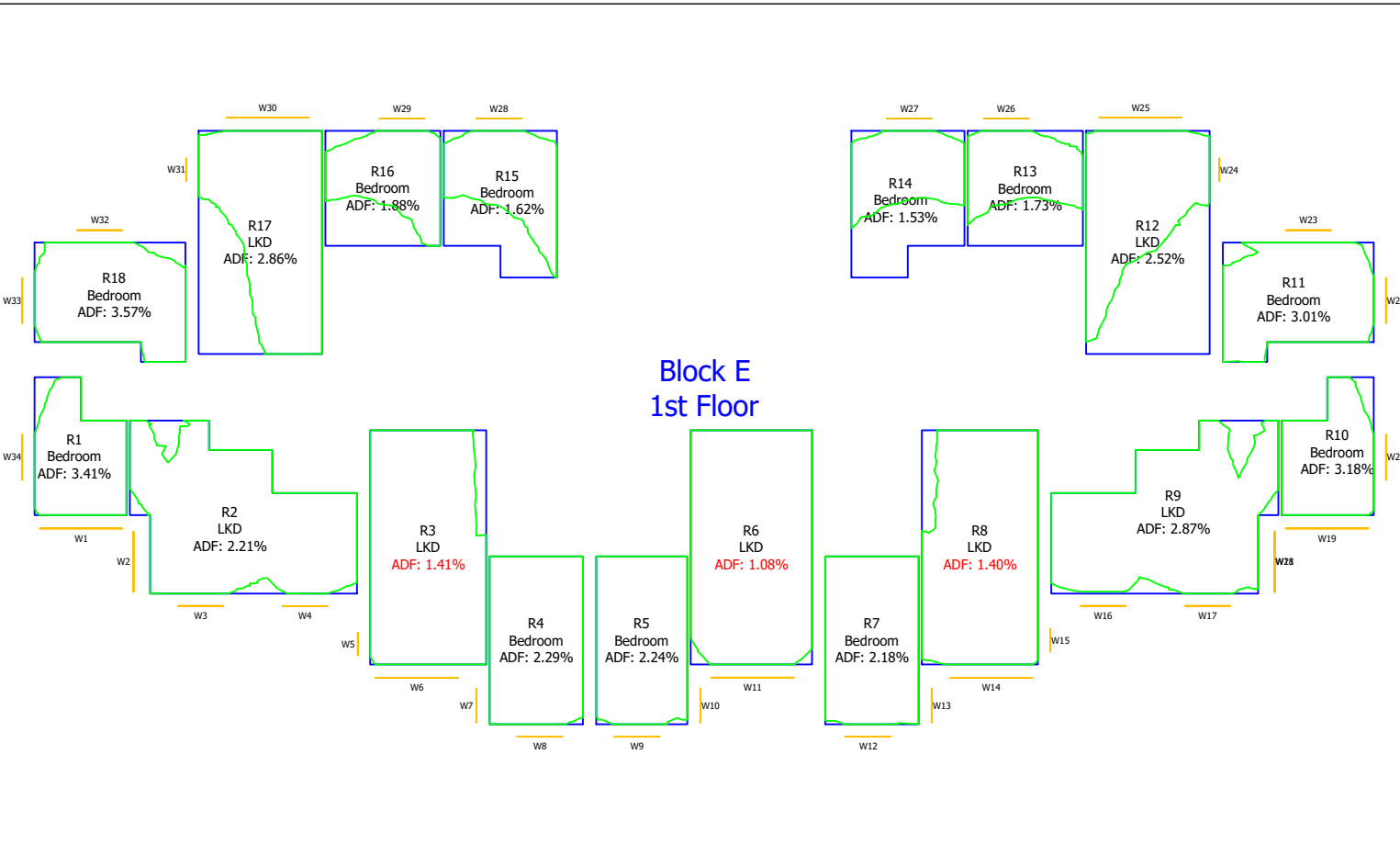
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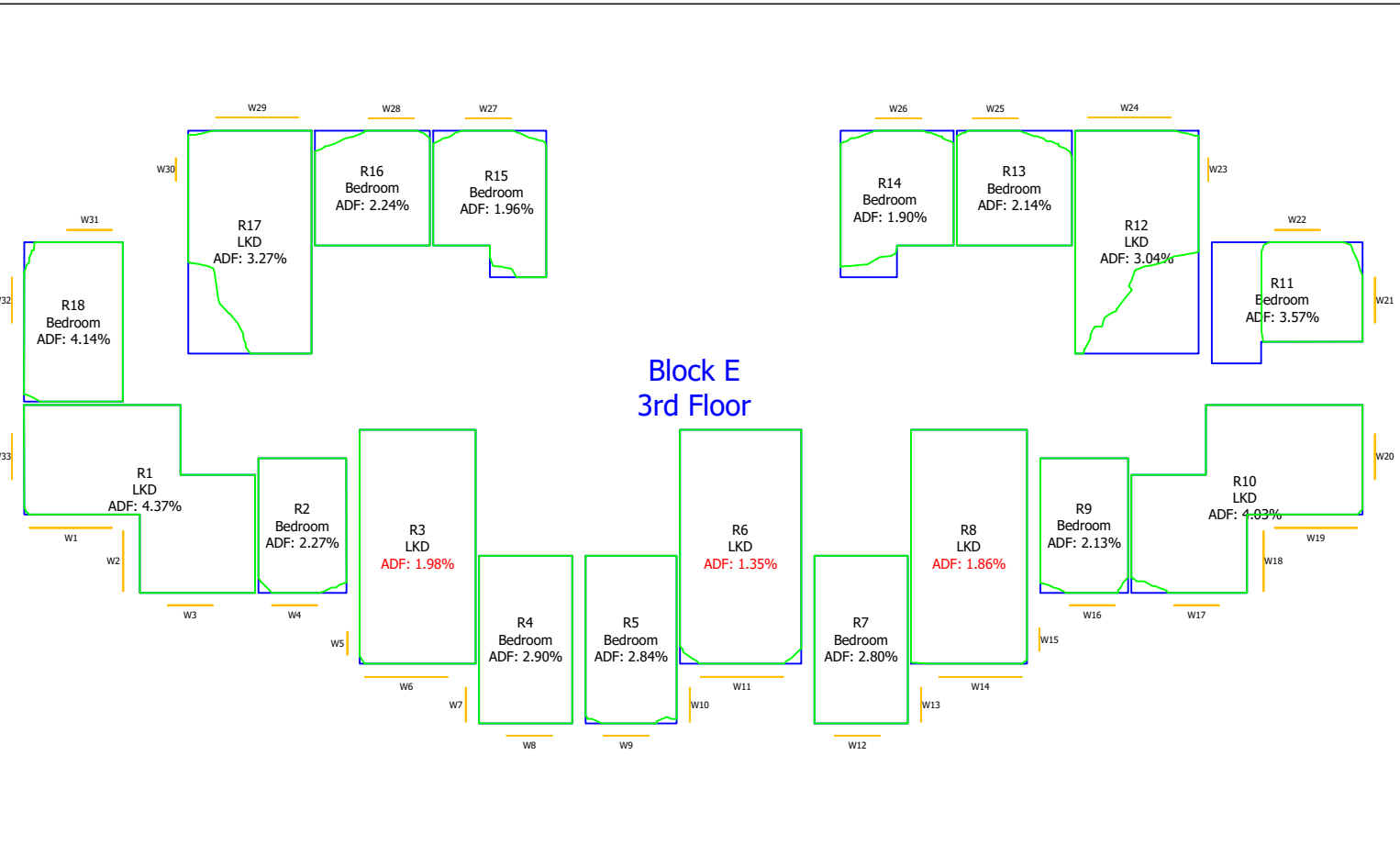
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Ground Floor



Block E  
2nd Floor

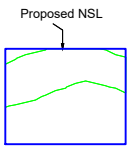


Block E  
1st Floor



Block E  
3rd Floor

Key:



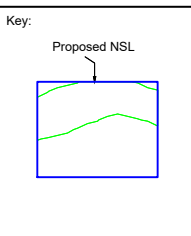
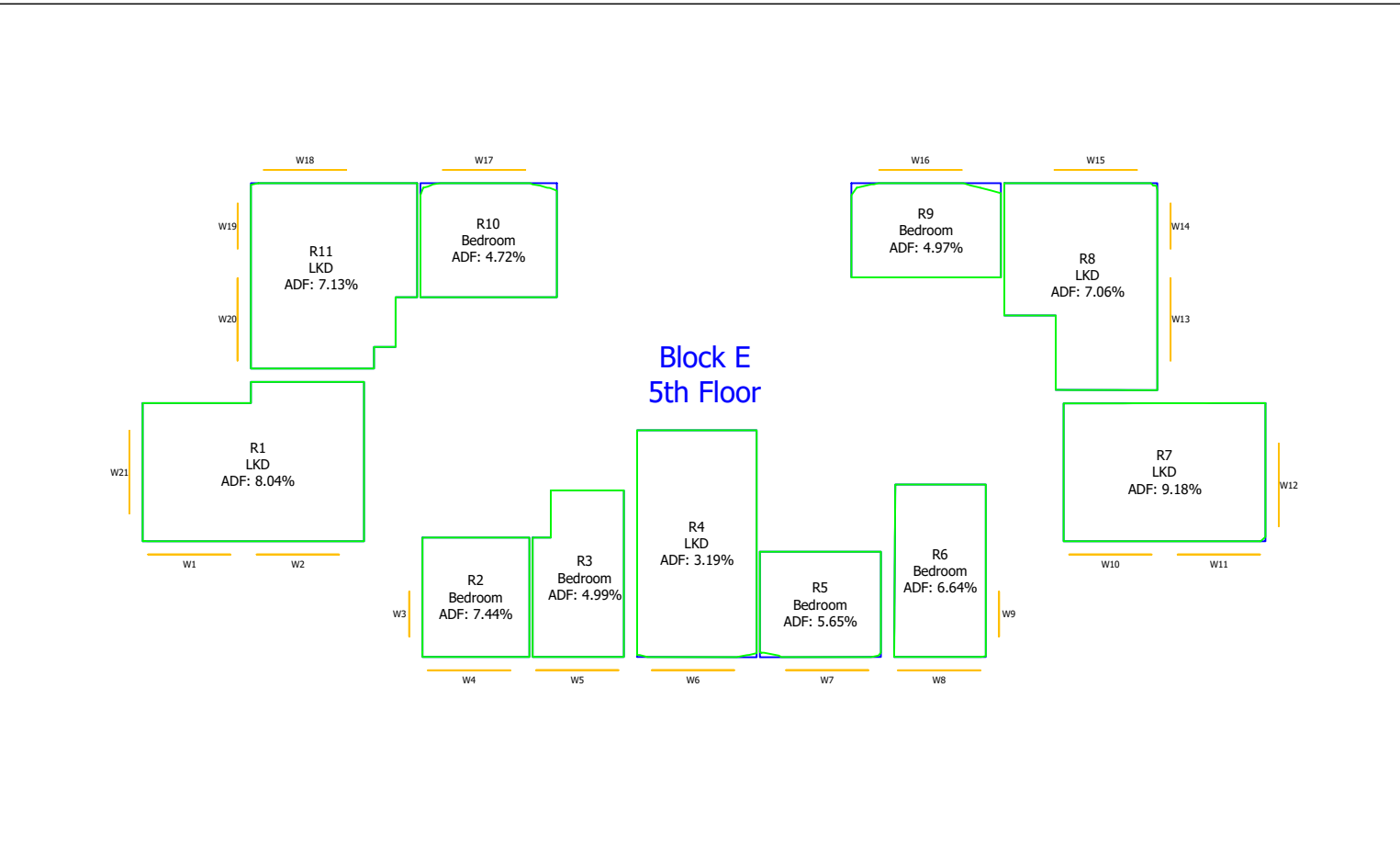
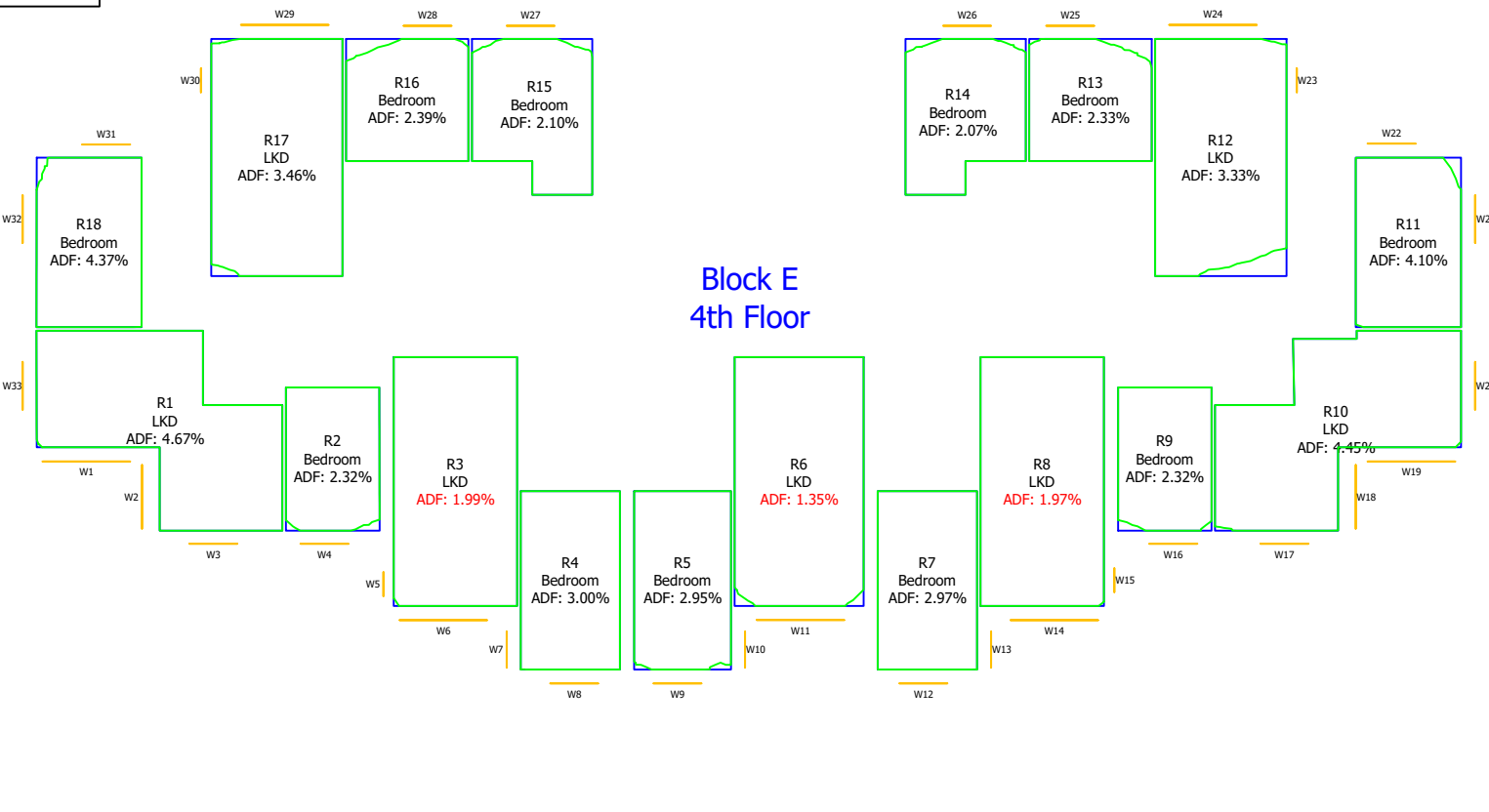
Sources of information		
Existing building	Surrounding buildings	Proposed building
Accucities: 28 Jan 2022	Accucities: 28 Jan 2022	Info received 25 Feb 2022
002429_Ham Close, Richmond_HD_MASTER	002429_Ham Close, Richmond_HD_MASTER	2D scheme freeze drawing pack
		Info received 28 Feb 2022
		3D model

**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/55	<b>Revision</b> -

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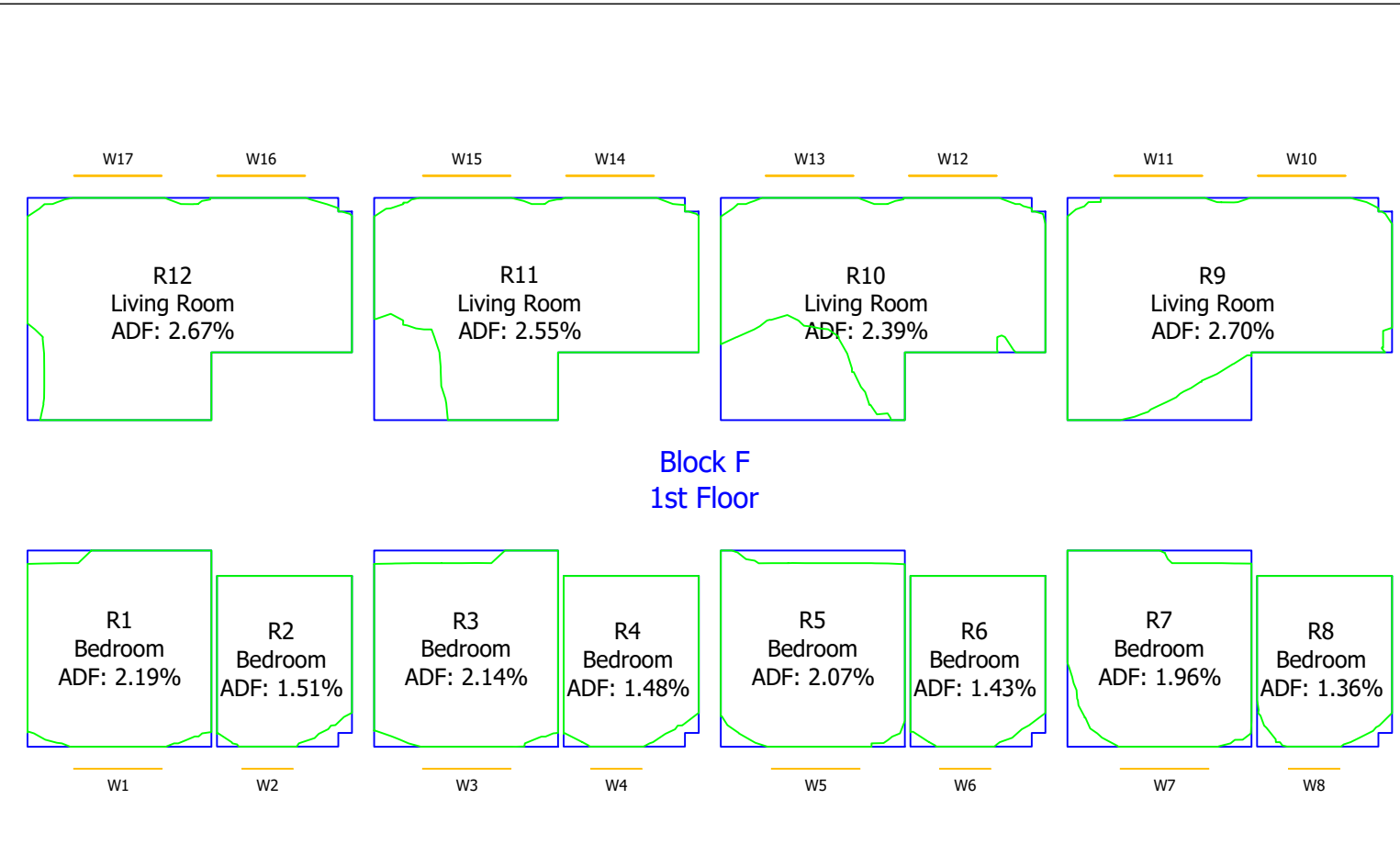
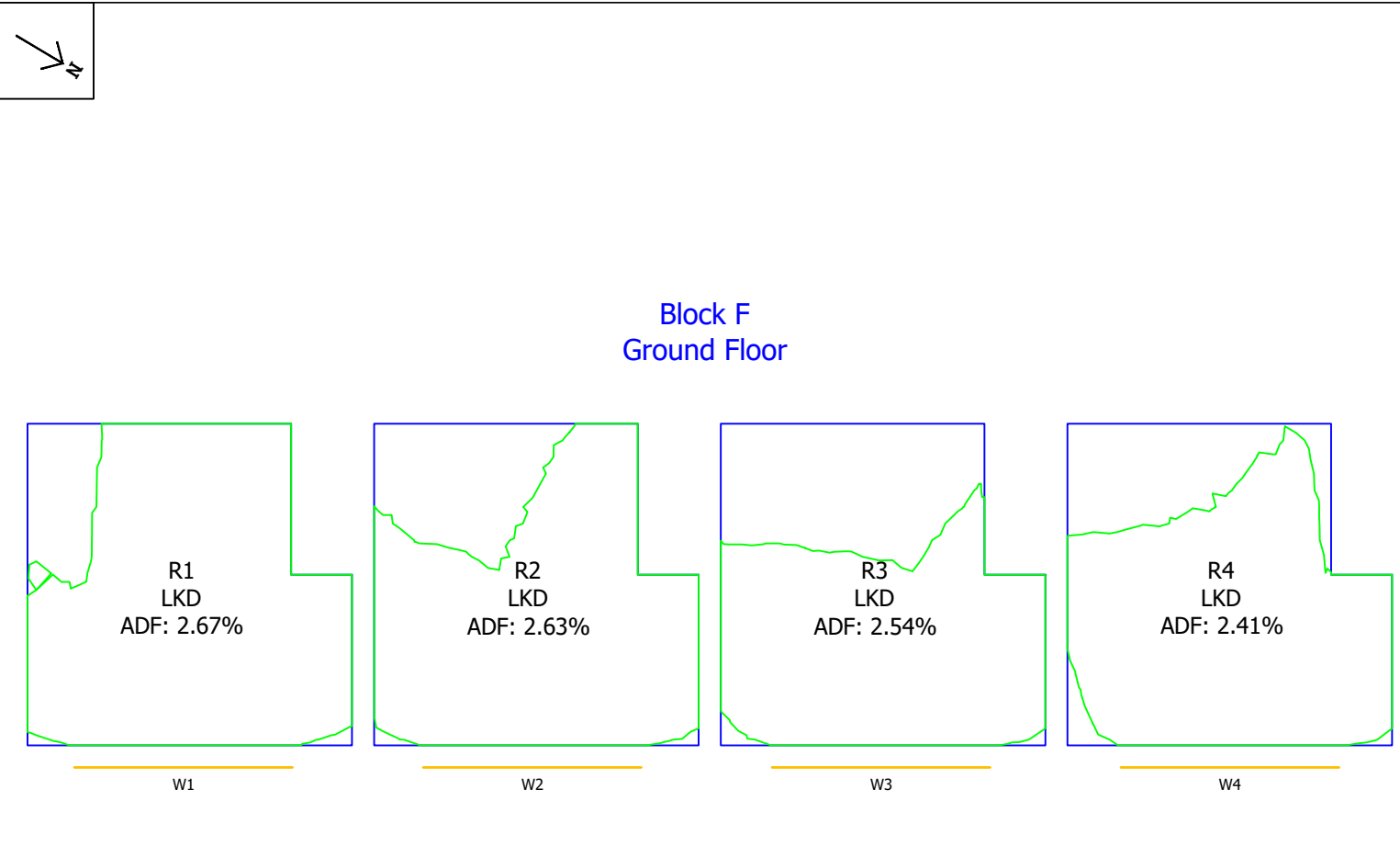
Sources of information		
<b>Existing building</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Surrounding buildings</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model

**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/56	<b>Revision</b> -

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**Key:**

**Sources of information**

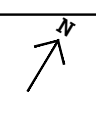
Existing building	Surrounding buildings	Proposed building
Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model

**Project Name**  
Ham Close, Richmond

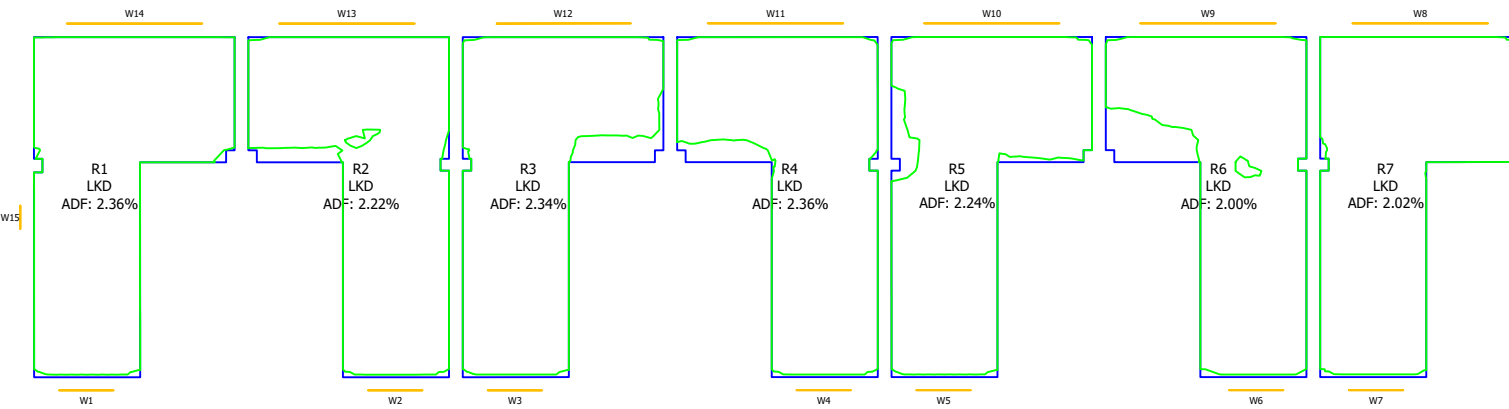
**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/57	<b>Revision</b> -

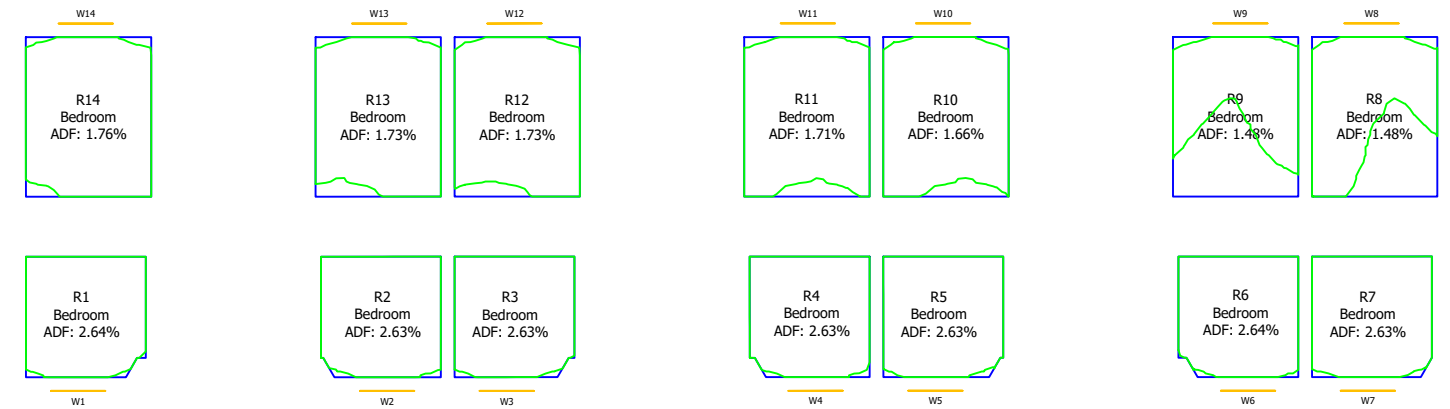
65 Gresham Street, London, EC2V 7NQ  
08449 02 03 04 www.avisonyoung.co.uk



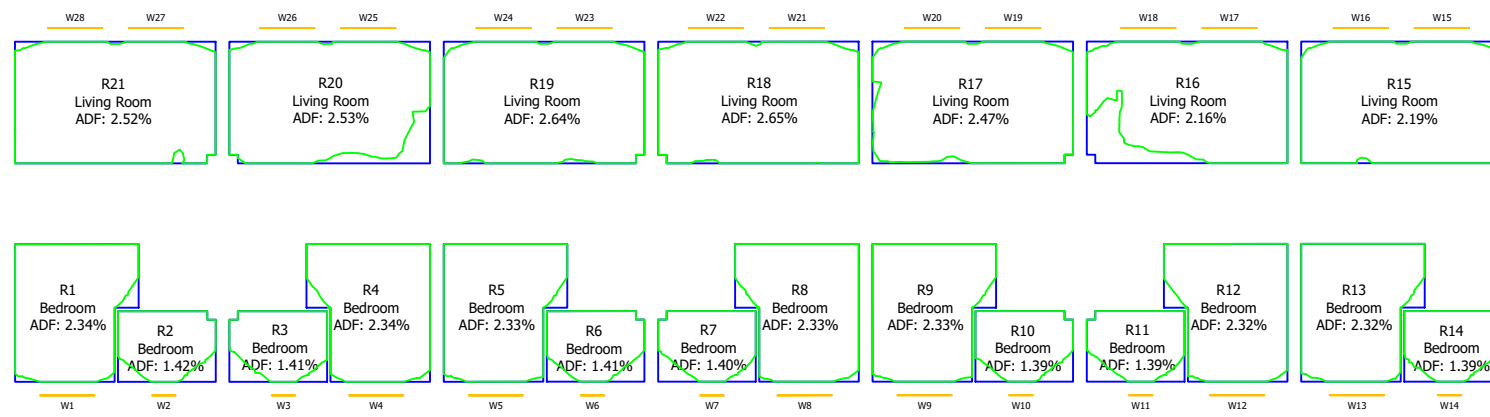
### Block G Ground Floor



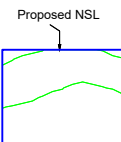
### Block G 2nd Floor



### Block G 1st Floor



Key:



#### Sources of information

##### Existing building

Accuties: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

##### Surrounding buildings

Accuties: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

##### Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

#### Project Name

Ham Close, Richmond

#### Drawing Title

Daylight Distribution

#### Contour Plot

#### Drawn By

MF

#### Scale @ A3

-

#### Date

March 2022

#### Project No.

HA167\_22

#### Drawing No.

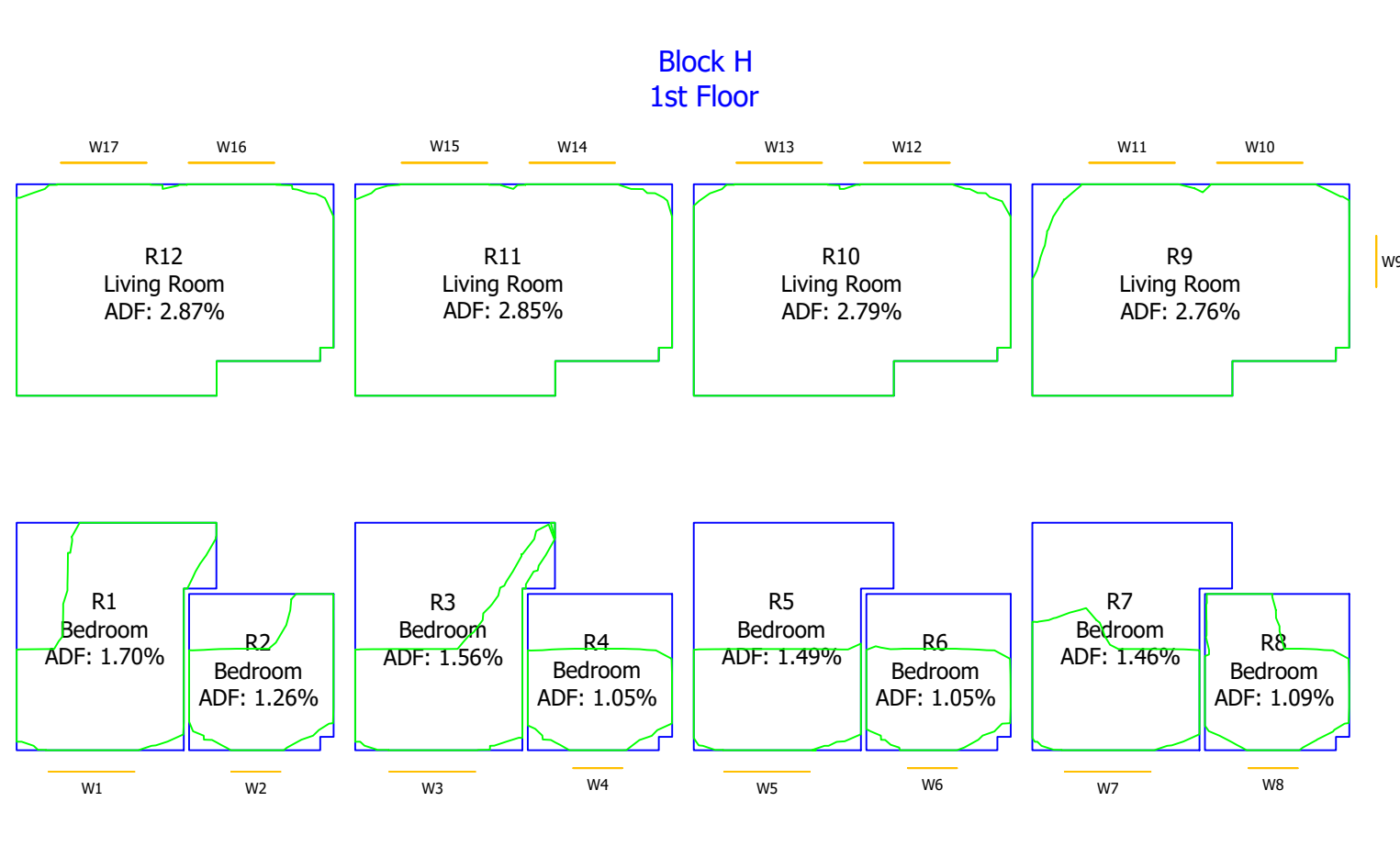
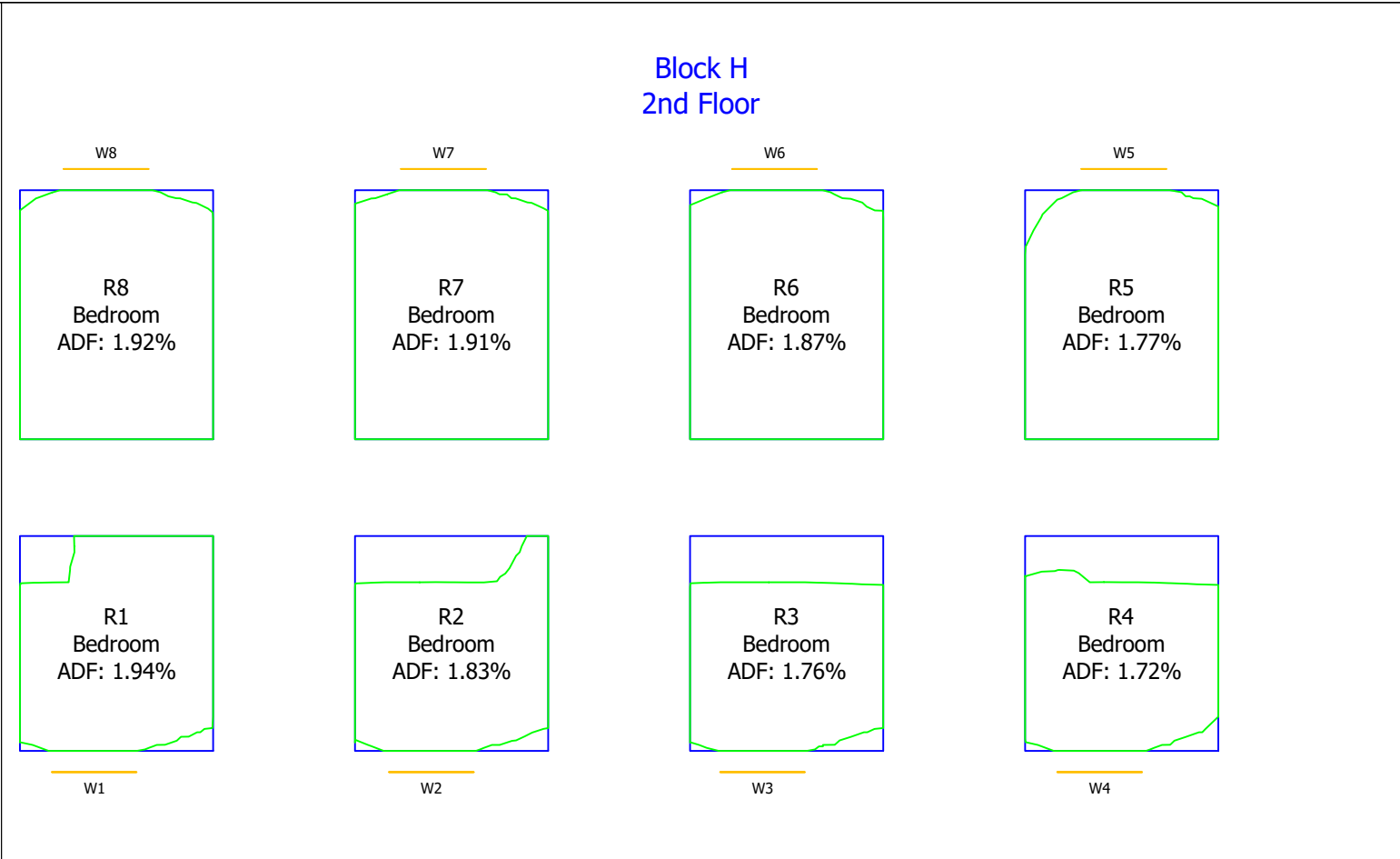
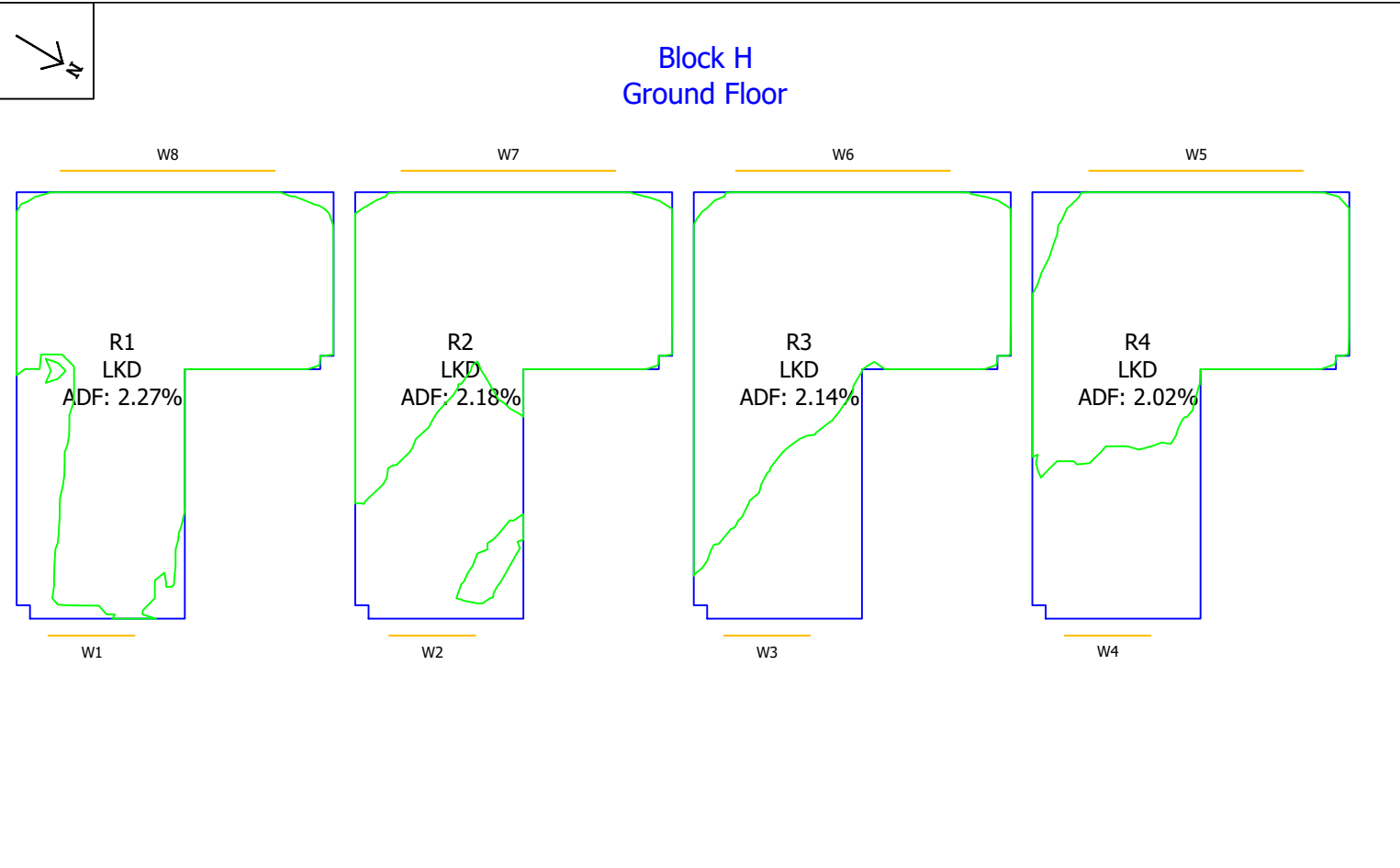
Rel 02/58

#### Revision

-



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**Key:**

**Sources of information**

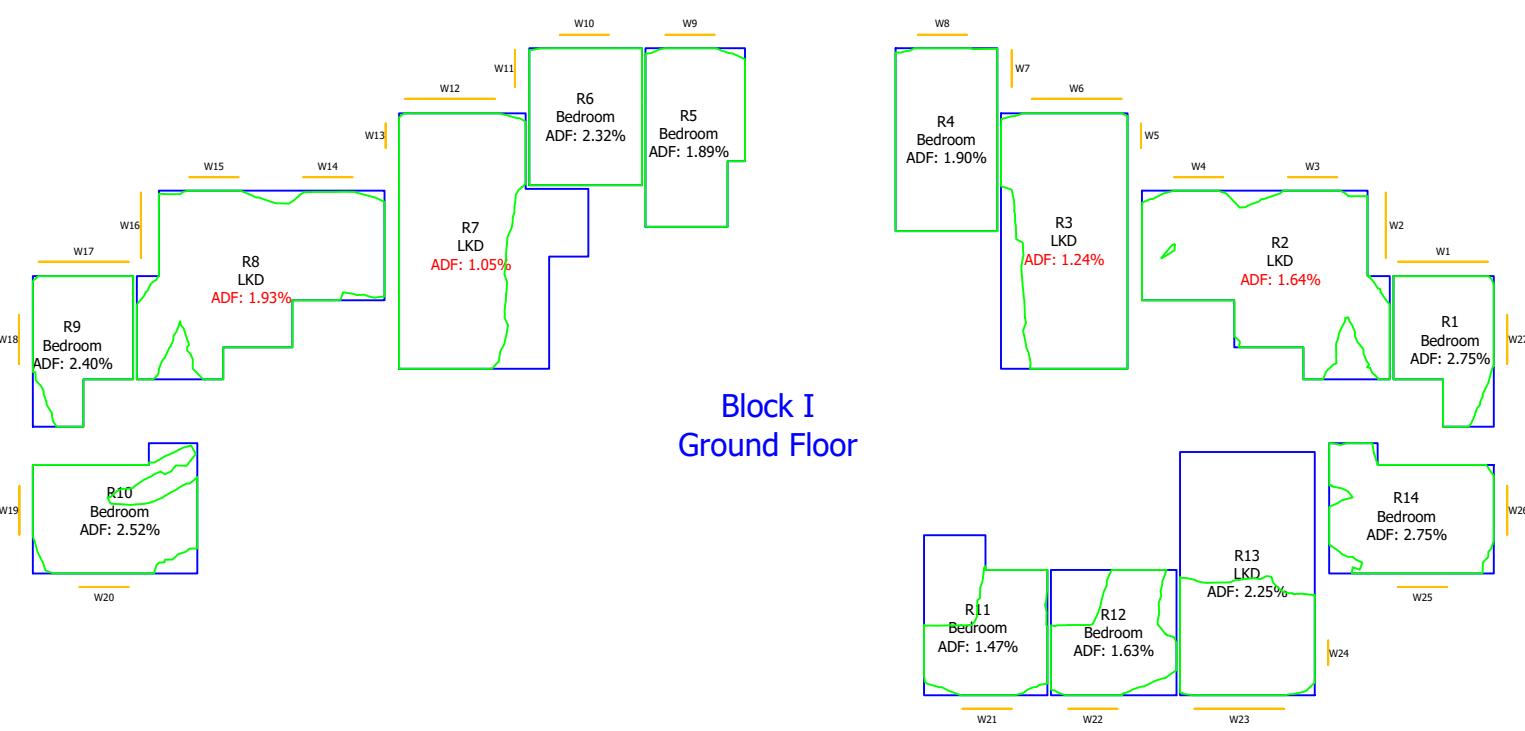
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**Project Name**  
Ham Close, Richmond

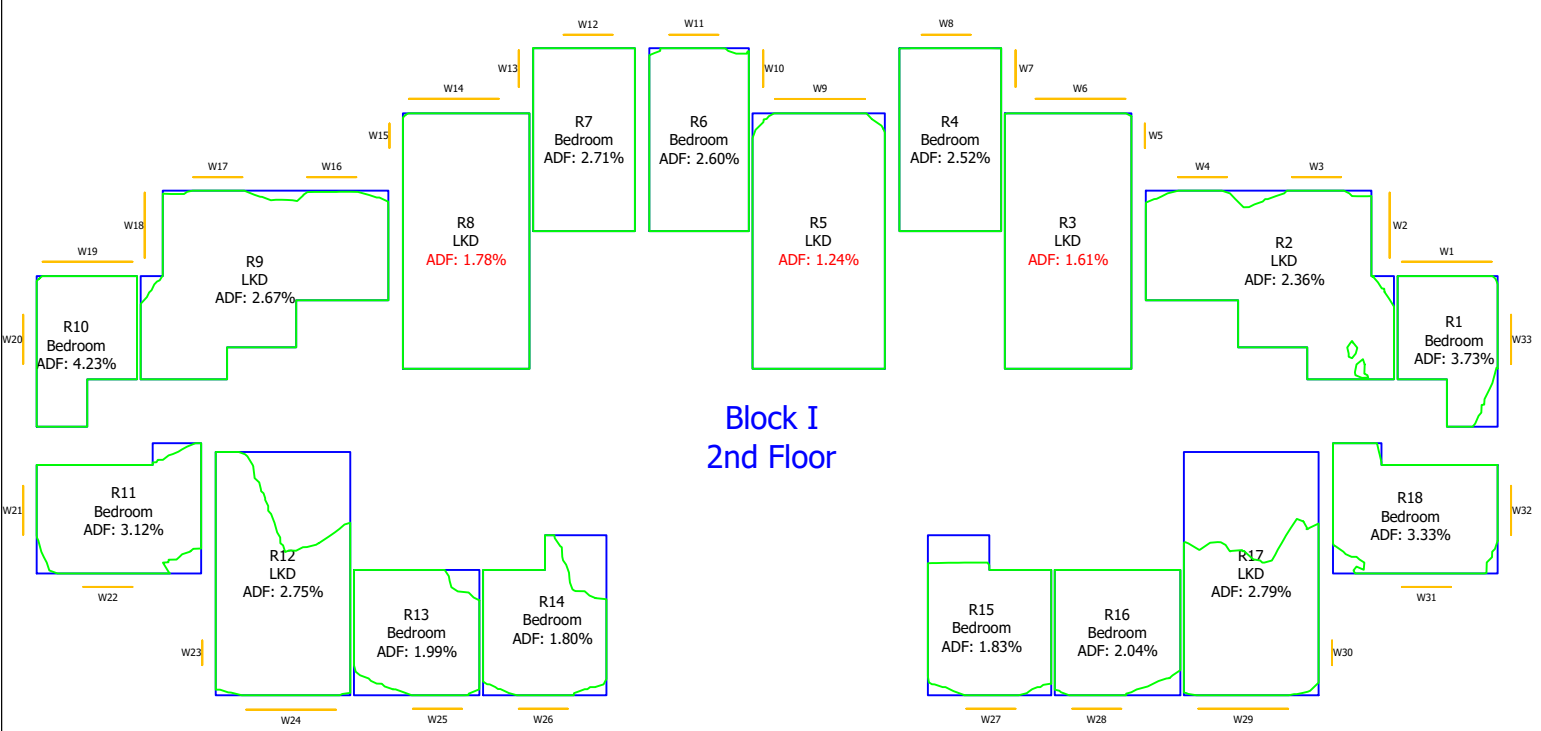
**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/59	<b>Revision</b> -

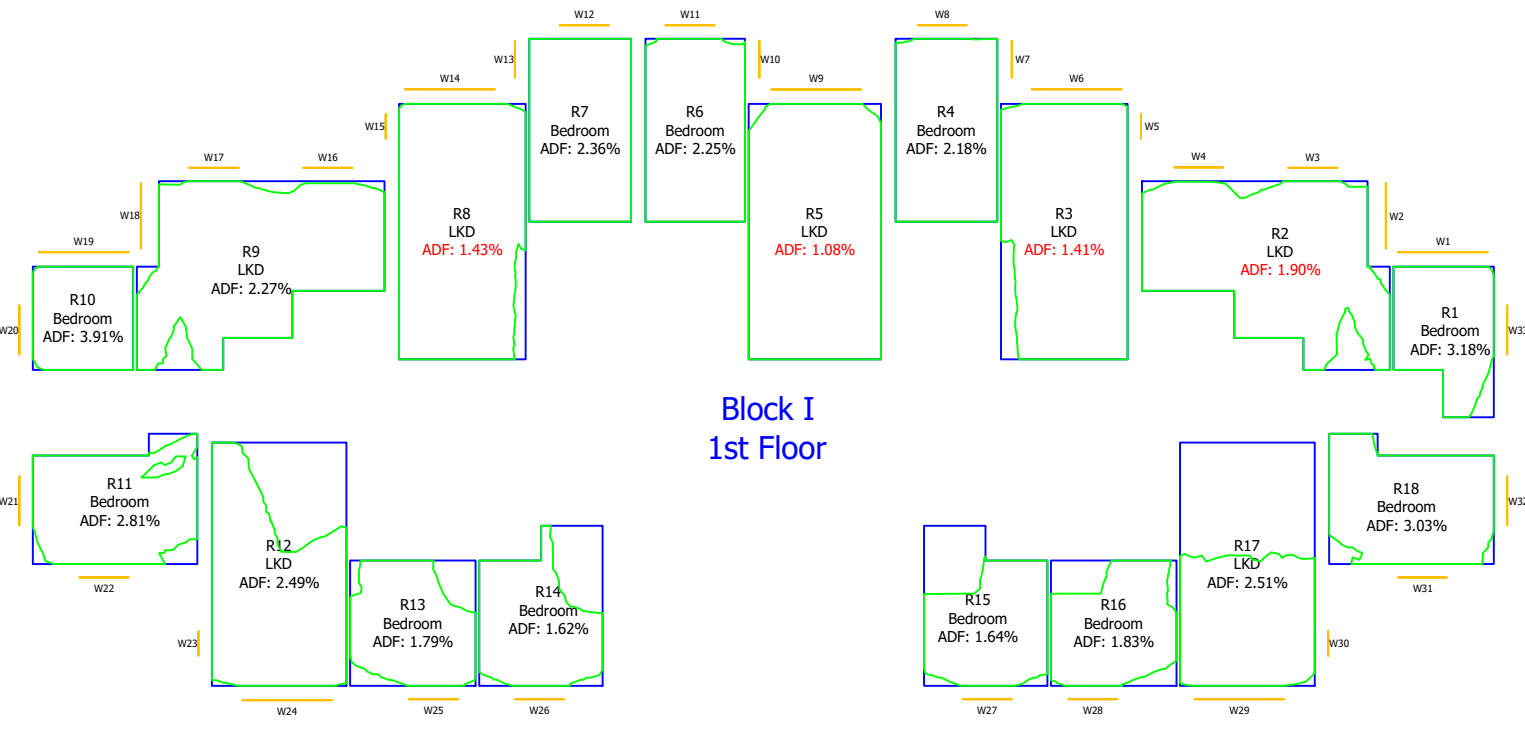
65 Gresham Street, London, EC2V 7NQ  
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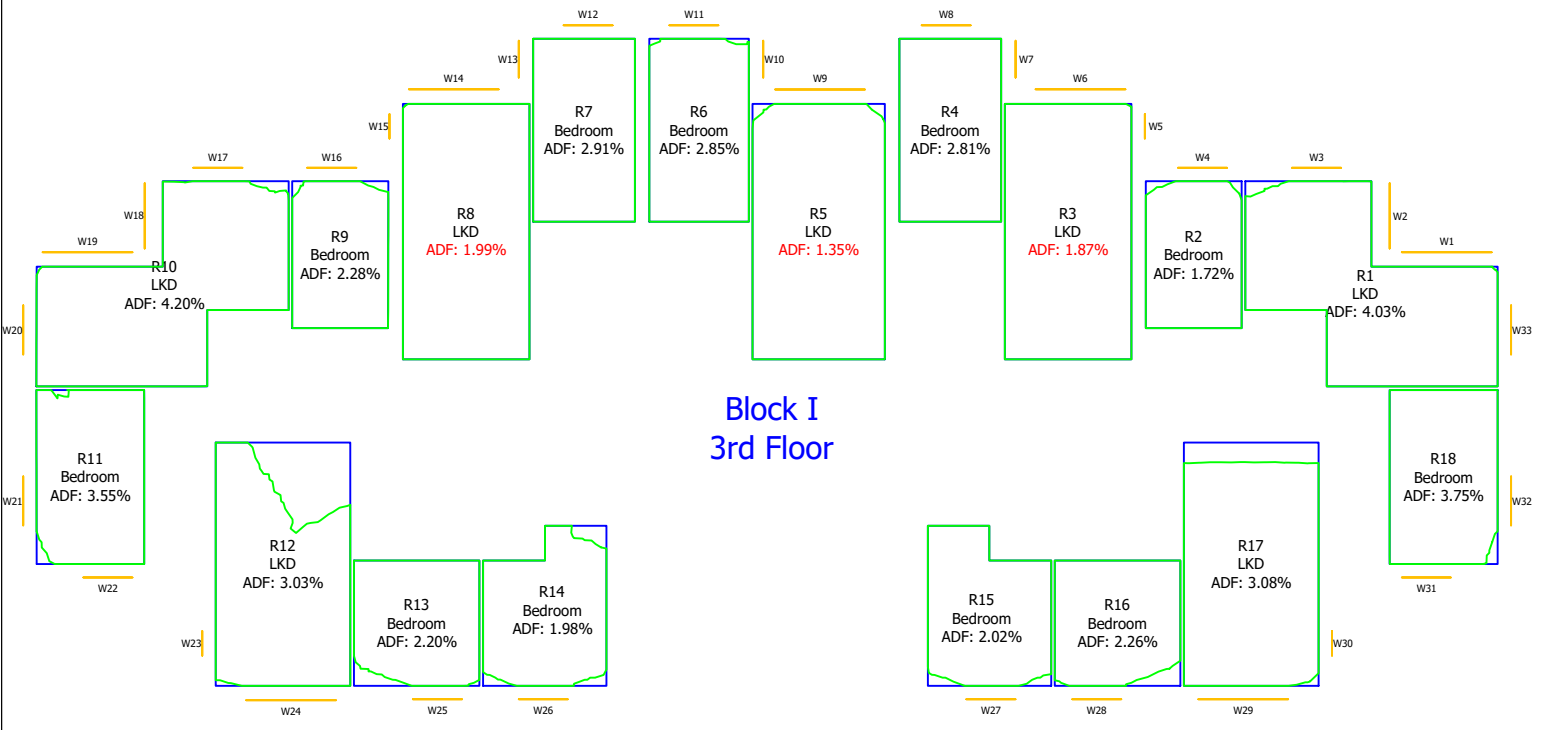
Block I  
Ground Floor



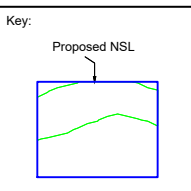
Block I  
2nd Floor



Block I  
1st Floor



Block I  
3rd Floor



Sources of information		
Existing building	Surrounding buildings	Proposed building
Accuties: 28 Jan 2022	Accuties: 28 Jan 2022	Info received 25 Feb 2022
002429_Ham Close, Richmond_HD_MASTER	002429_Ham Close, Richmond_HD_MASTER	2D scheme freeze drawing pack
		Info received 28 Feb 2022
		3D model

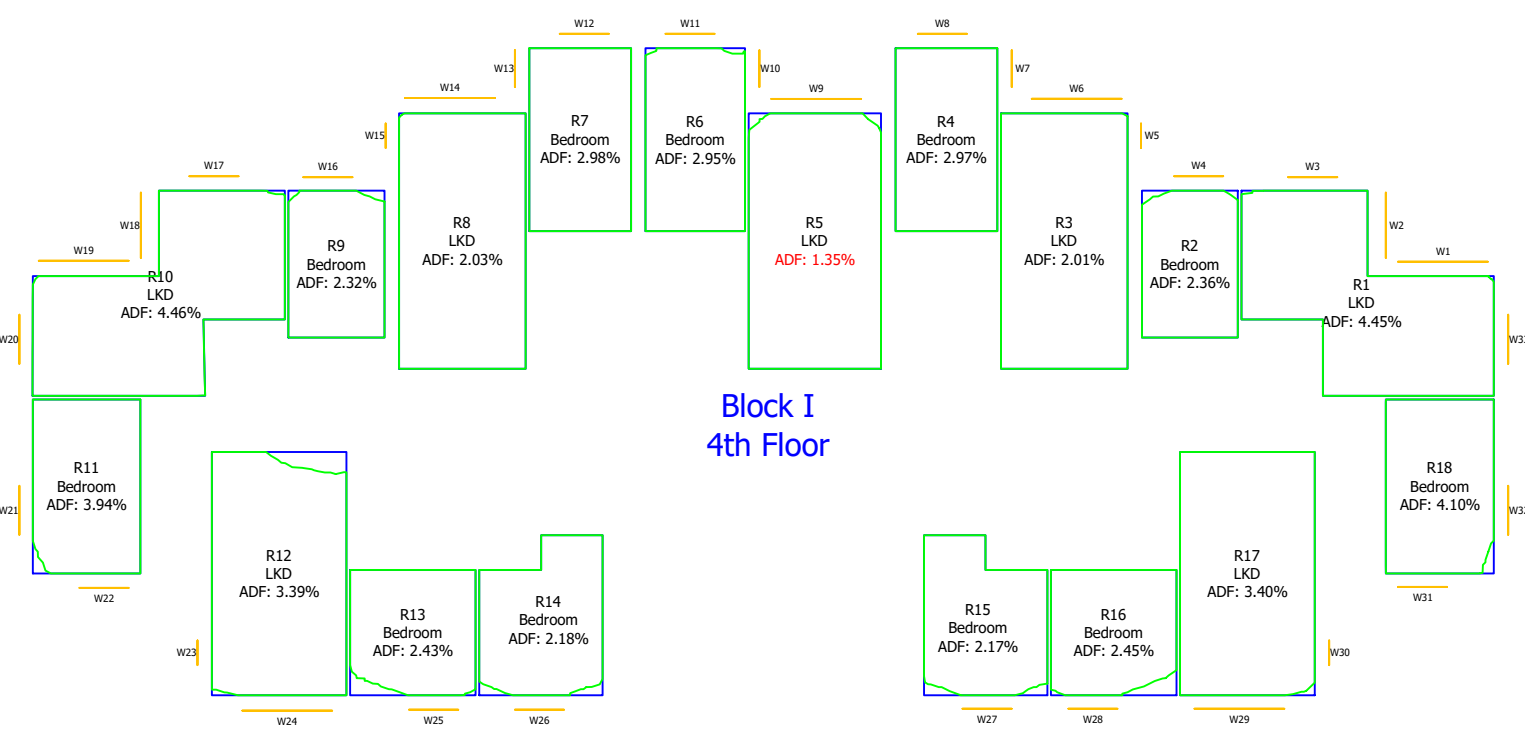
**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

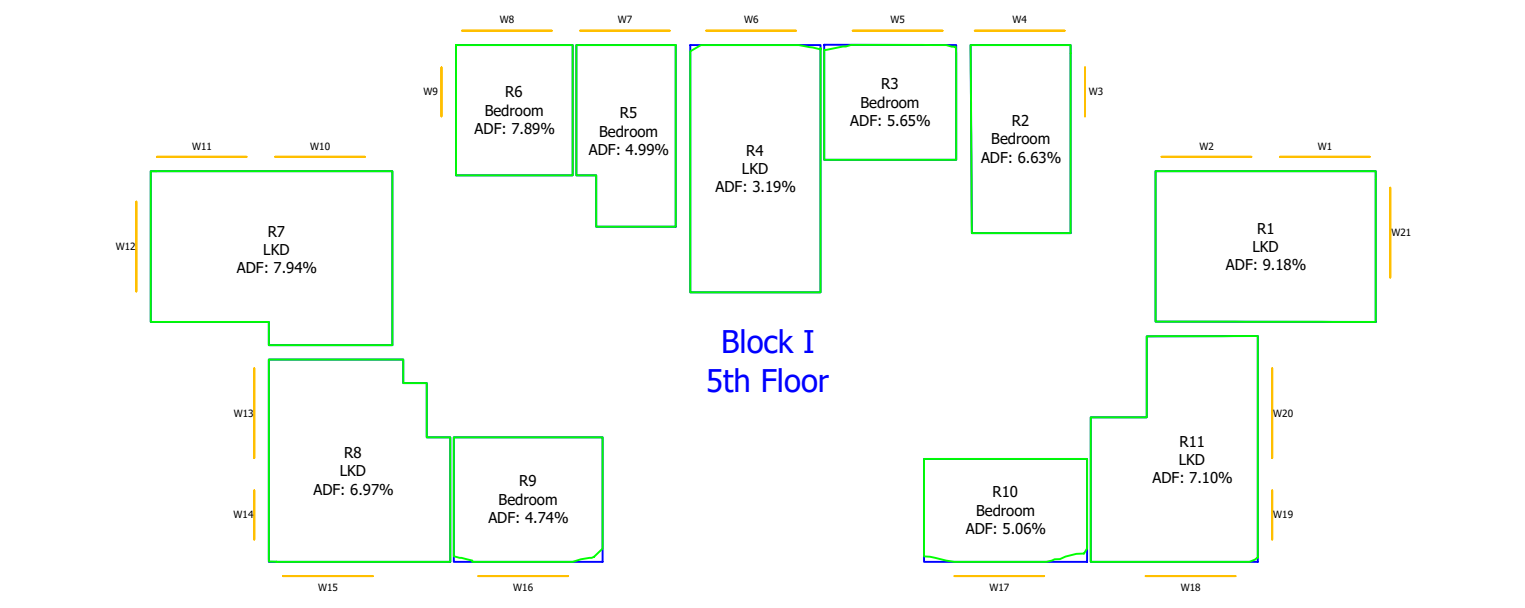
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<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/60	<b>Revision</b> -

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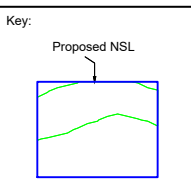




Block I  
4th Floor



Block I  
5th Floor



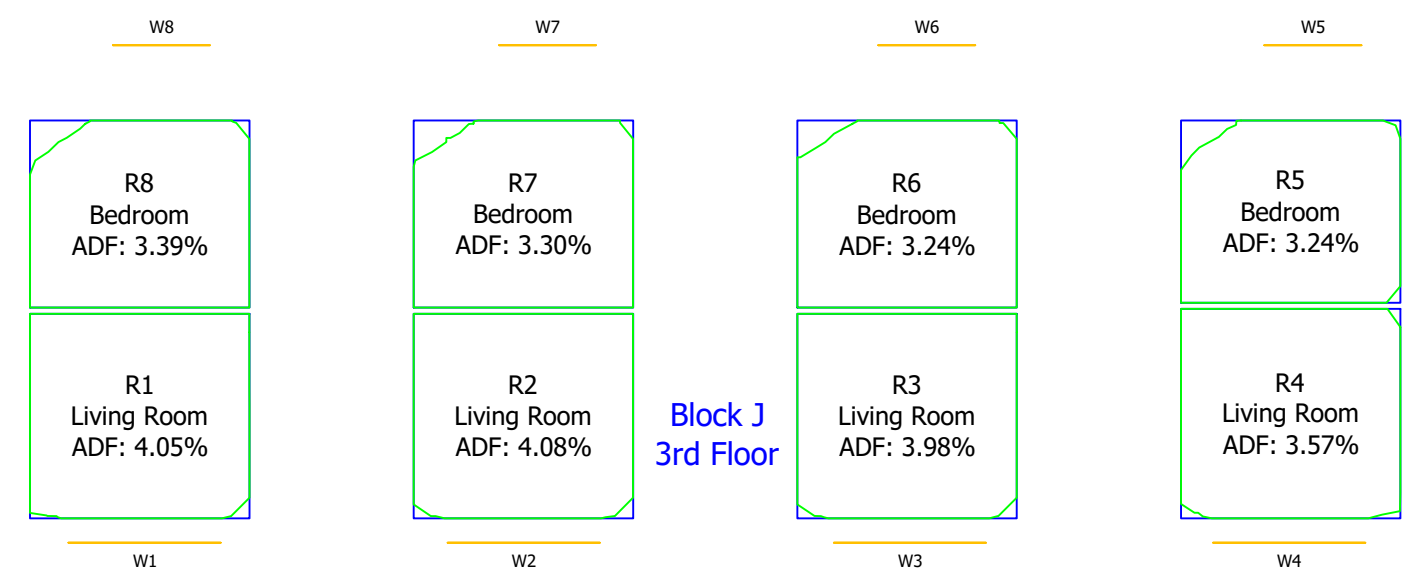
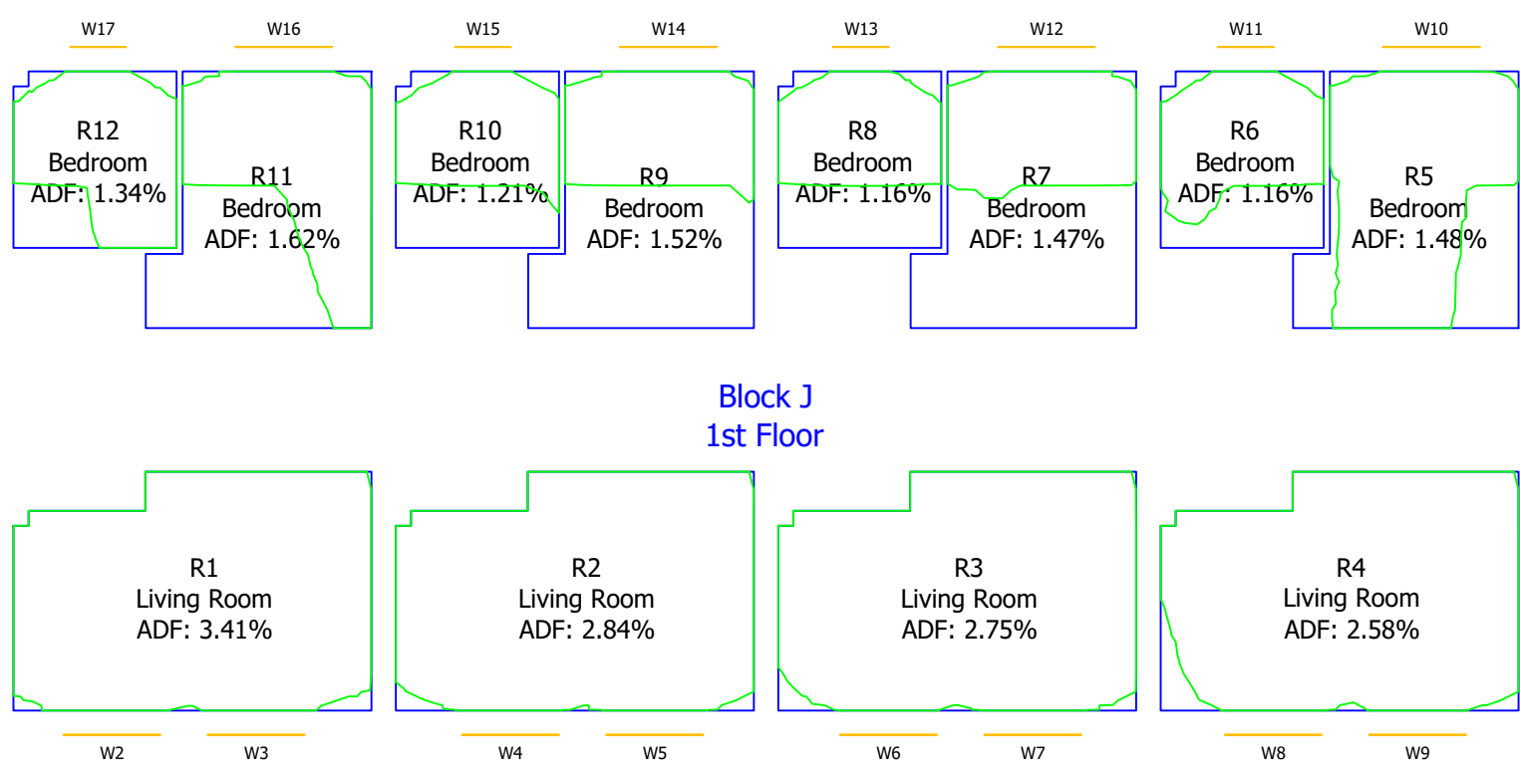
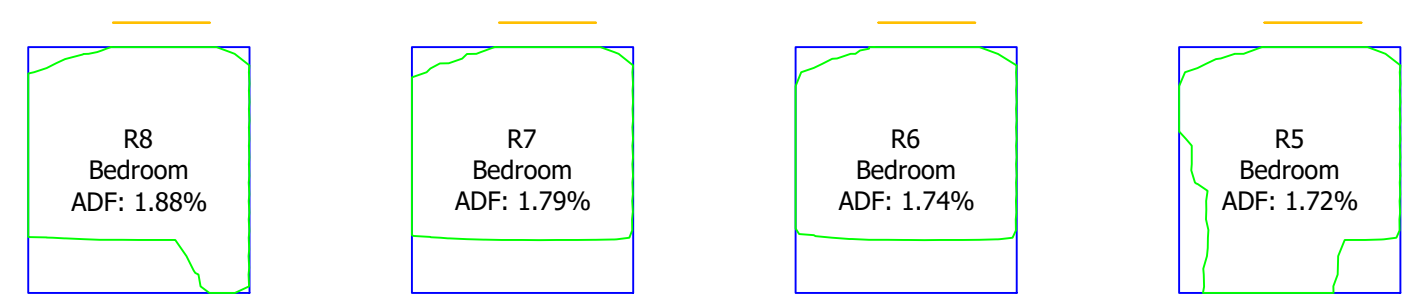
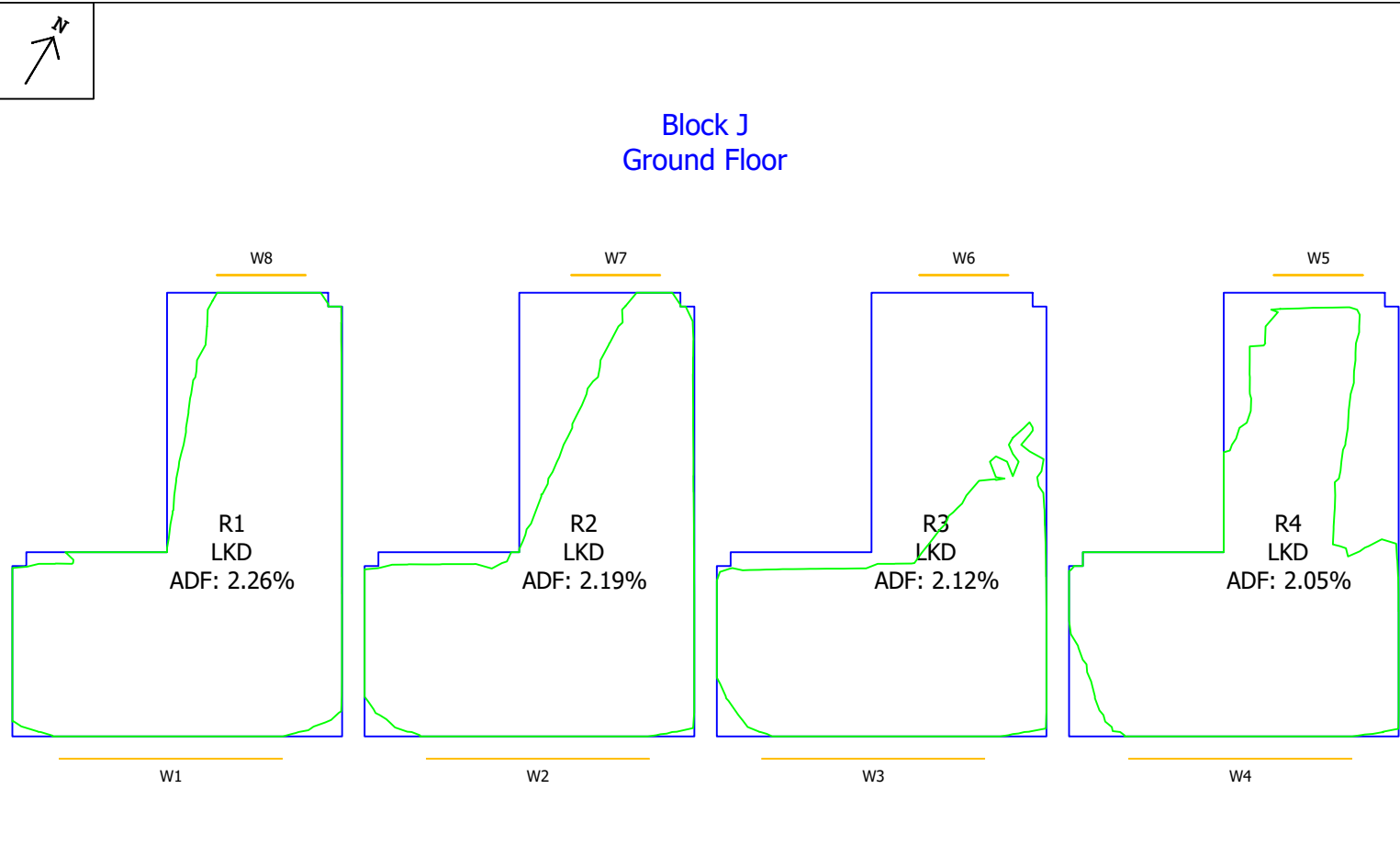
Sources of information		
<b>Existing building</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Surrounding buildings</b> Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	<b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model

**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/61	<b>Revision</b> -

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**Key:**

**Sources of information**

Existing building	Surrounding buildings	Proposed building
Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model

**Project Name**  
Ham Close, Richmond

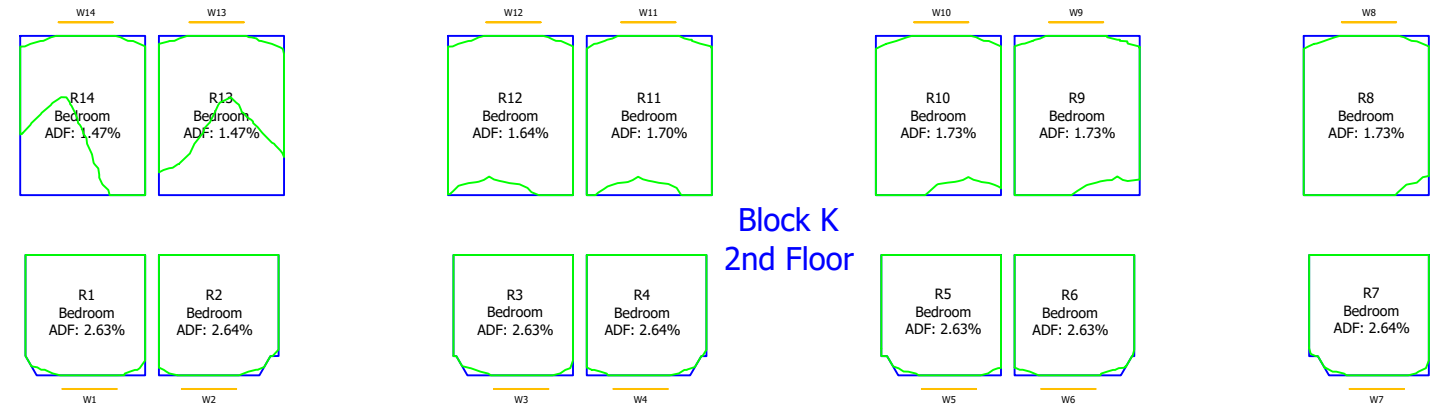
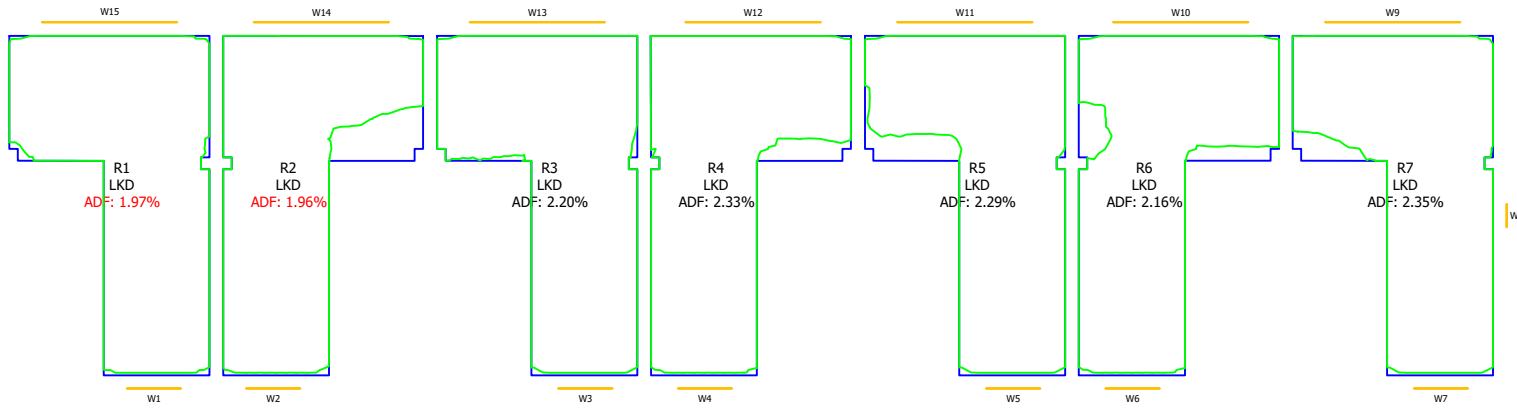
**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/62	<b>Revision</b> -

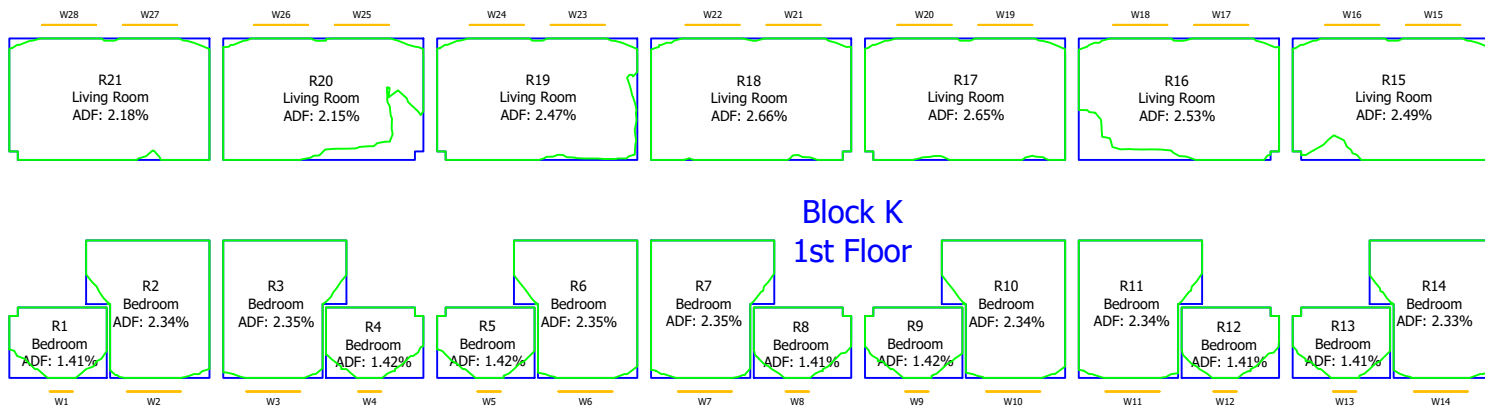
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### Block K Ground Floor

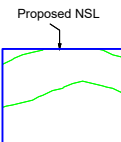


### Block K 2nd Floor



### Block K 1st Floor

Key:



#### Sources of information

**Existing building**  
Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

**Surrounding buildings**  
Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

**Proposed building**  
Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

#### Project Name

Ham Close, Richmond

#### Drawing Title

Daylight Distribution

#### Contour Plot

#### Drawn By

MF

#### Scale @ A3

-

#### Date

March 2022

#### Project No.

HA167\_22

#### Drawing No.

Rel 02/63

#### Revision

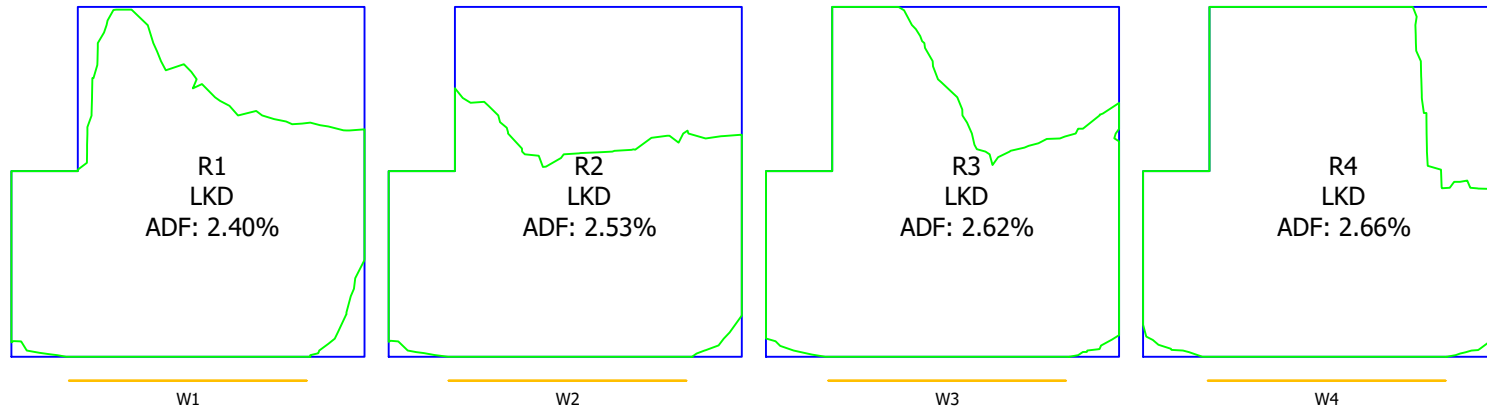
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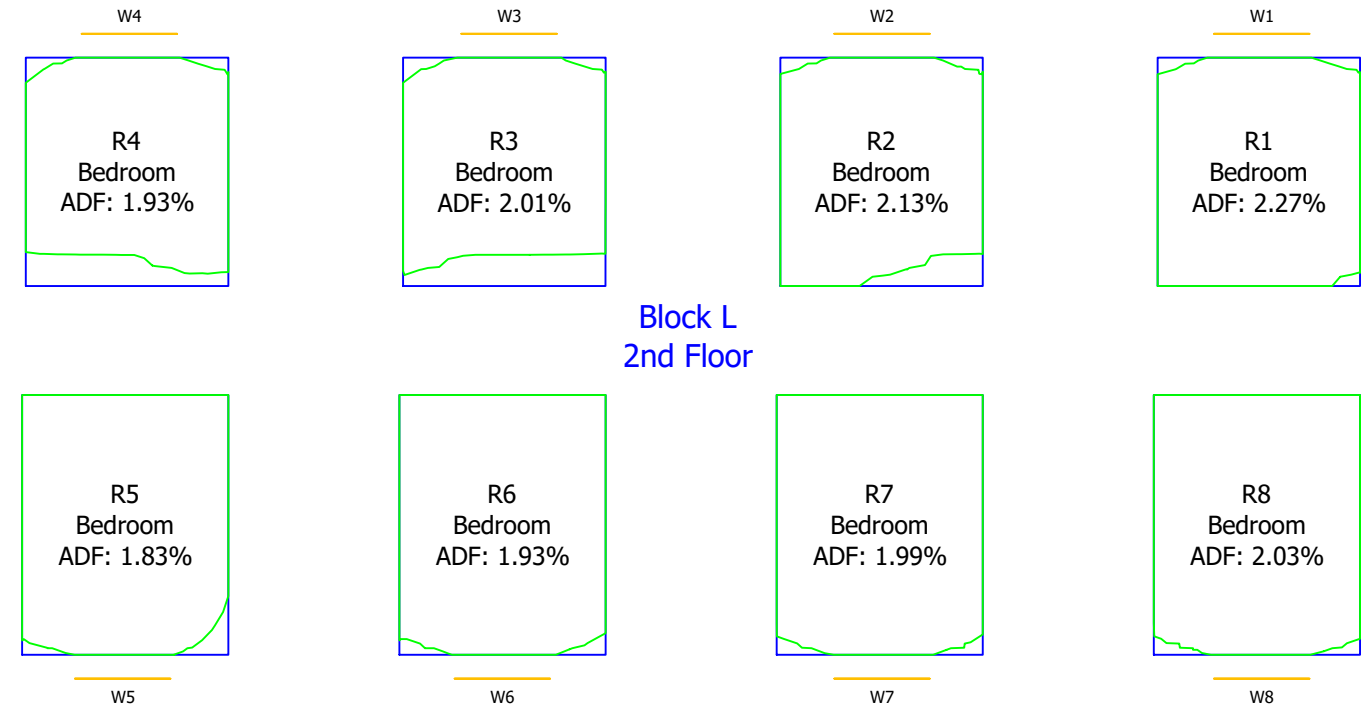
65 Gresham Street, London, EC2V 7NQ  
08449 02 03 04 www.avisonyoung.co.uk



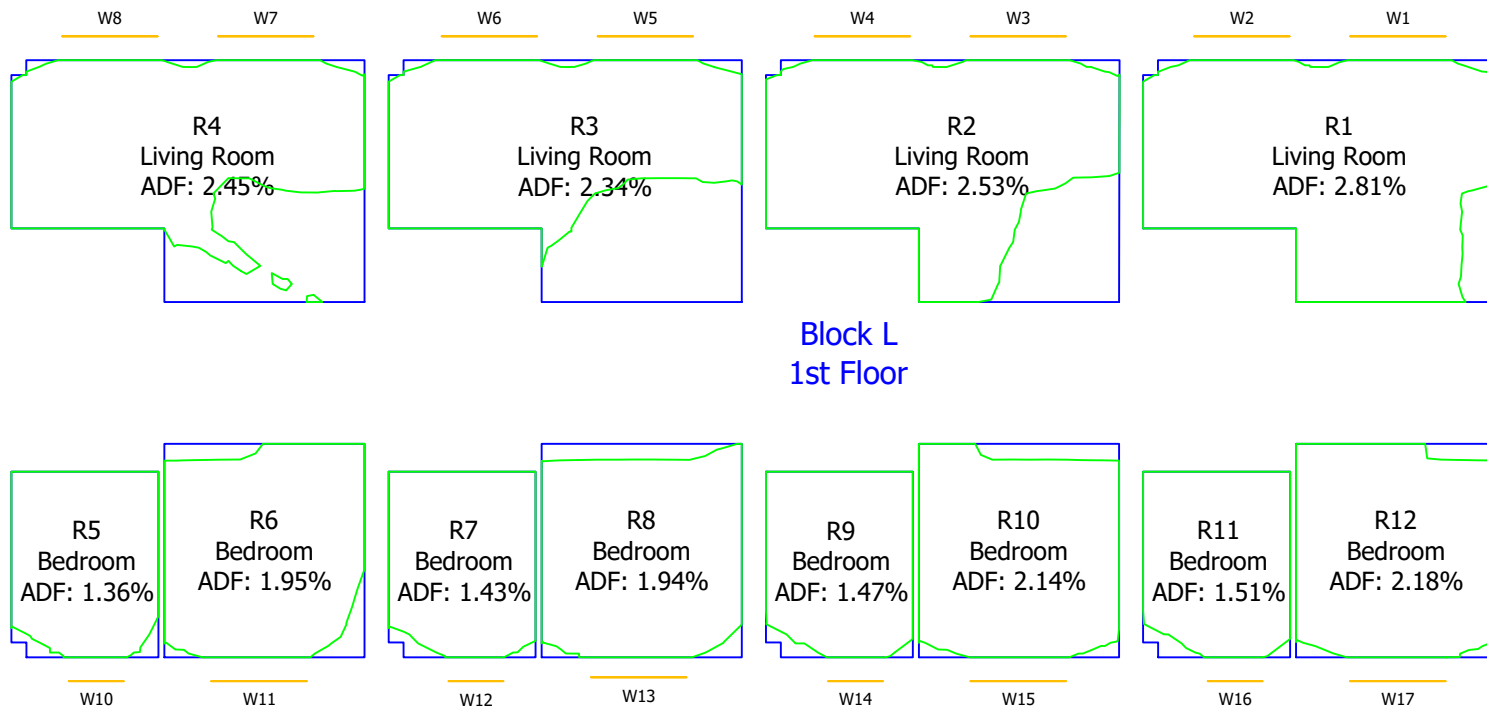
### Block L Ground Floor



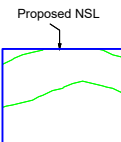
### Block L 2nd Floor



### Block L 1st Floor



Key:



#### Sources of information

**Existing building**  
Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

**Surrounding buildings**  
Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

**Proposed building**  
Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

#### Project Name

Ham Close, Richmond

#### Drawing Title

Daylight Distribution

#### Contour Plot

#### Drawn By

MF

#### Scale @ A3

-

#### Date

March 2022

#### Project No.

HA167\_22

#### Drawing No.

Rel 02/64

#### Revision

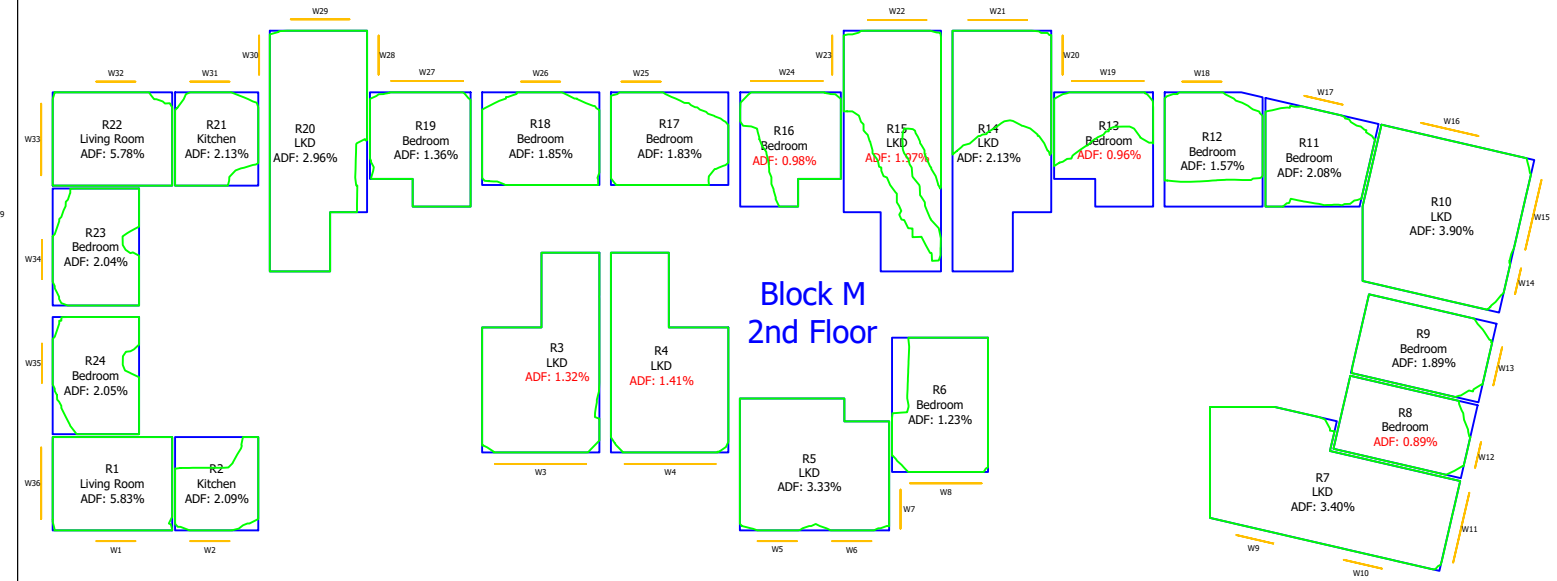
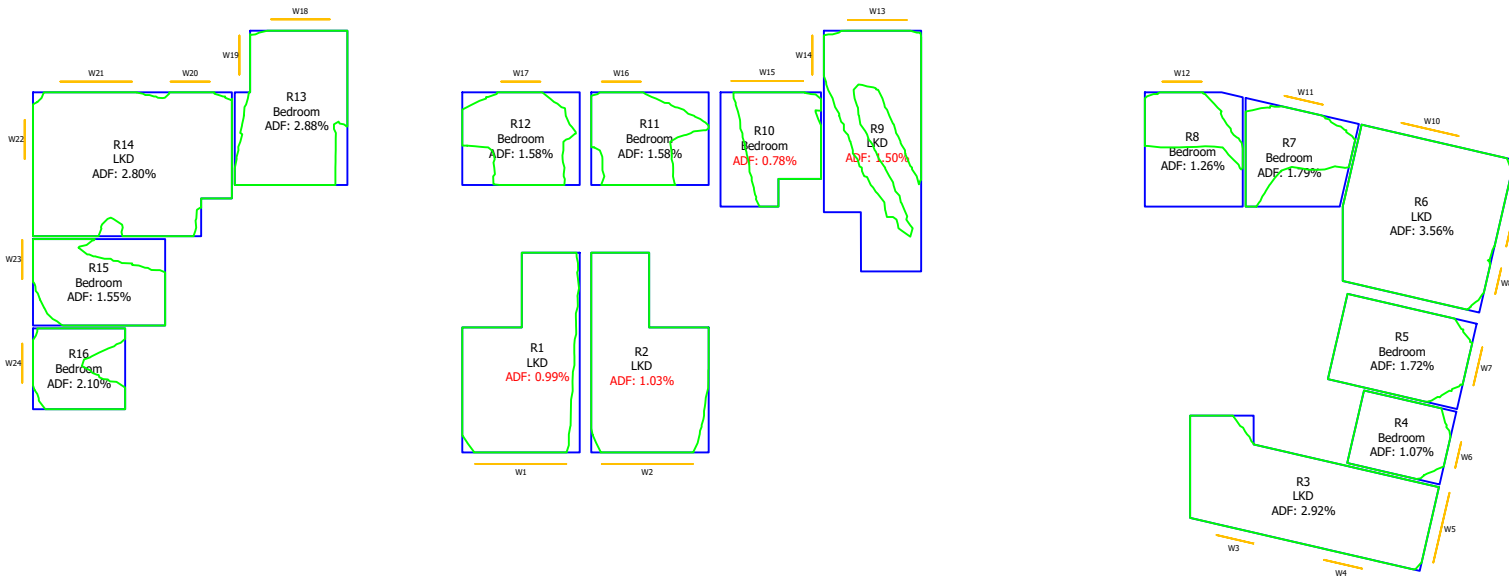
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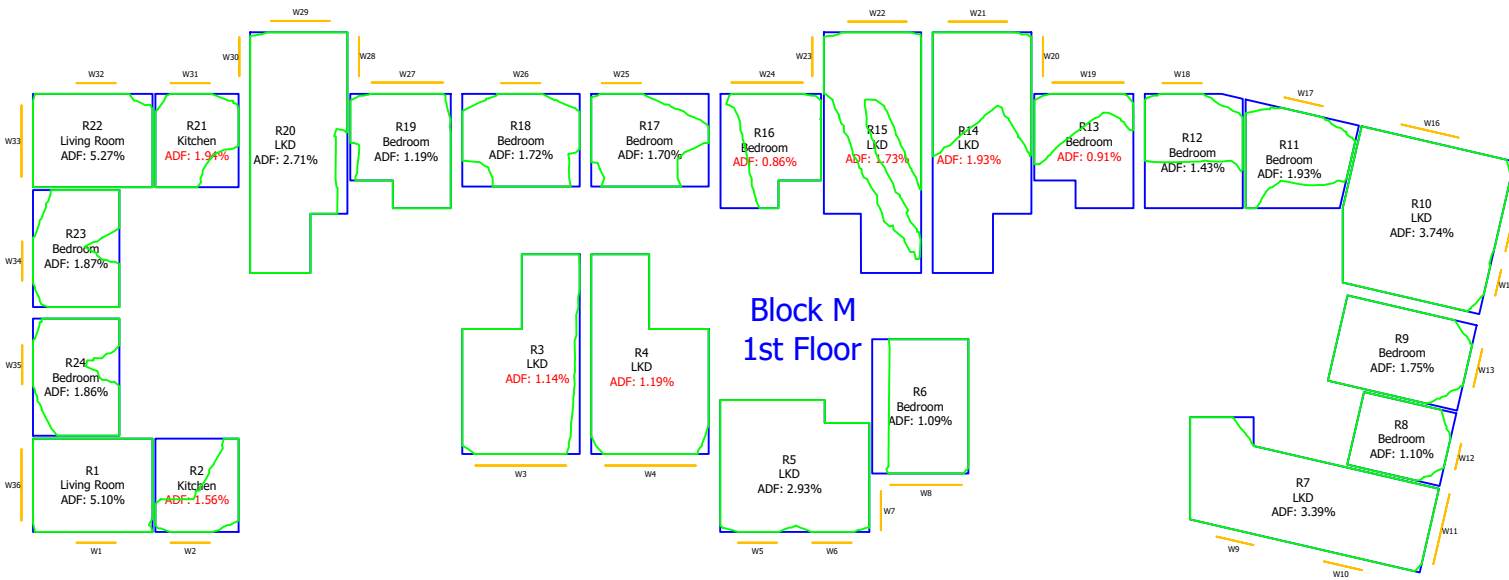
65 Gresham Street, London, EC2V 7NQ  
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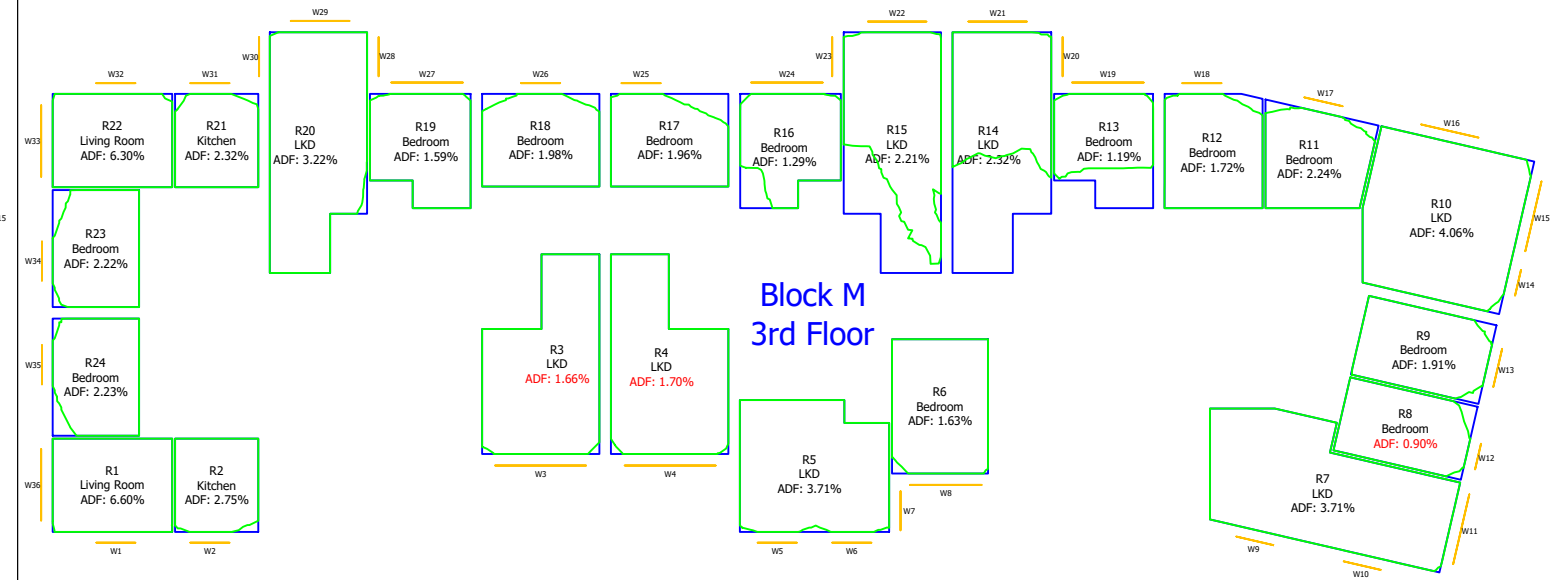
### Block M Ground Floor



### Block M 2nd Floor

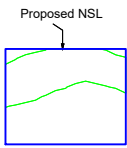


### Block M 1st Floor



### Block M 3rd Floor

Key:



**Sources of information**

<p><b>Existing building</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Surrounding buildings</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>
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**Project Name**  
Ham Close, Richmond

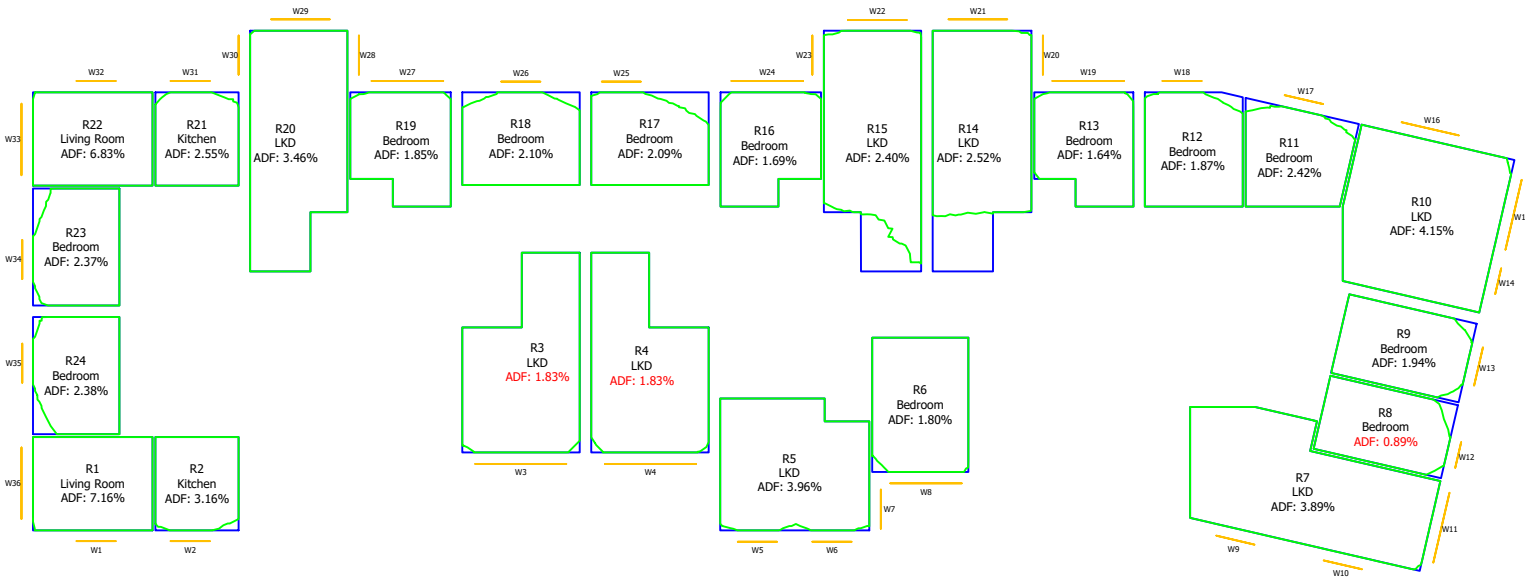
**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/65	<b>Revision</b> -

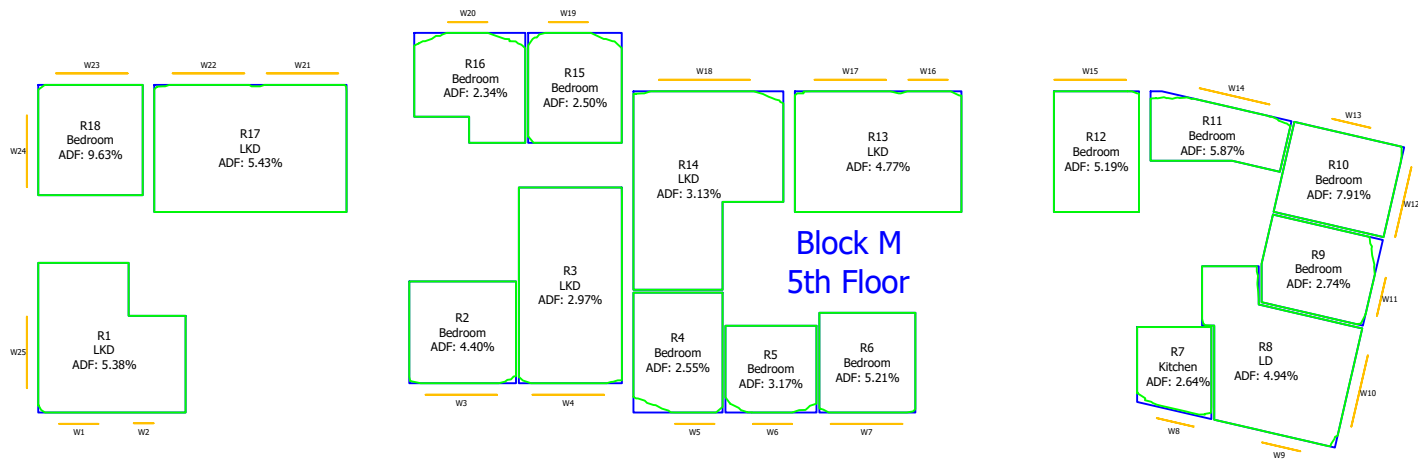




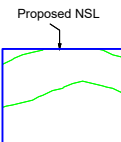
### Block M 4th Floor



### Block M 5th Floor



Key:



#### Sources of information

Existing building

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

#### Project Name

Ham Close, Richmond

#### Drawing Title

Daylight Distribution

Contour Plot

#### Drawn By

MF

#### Scale @ A3

-

#### Date

March 2022

#### Project No.

HA167\_22

#### Drawing No.

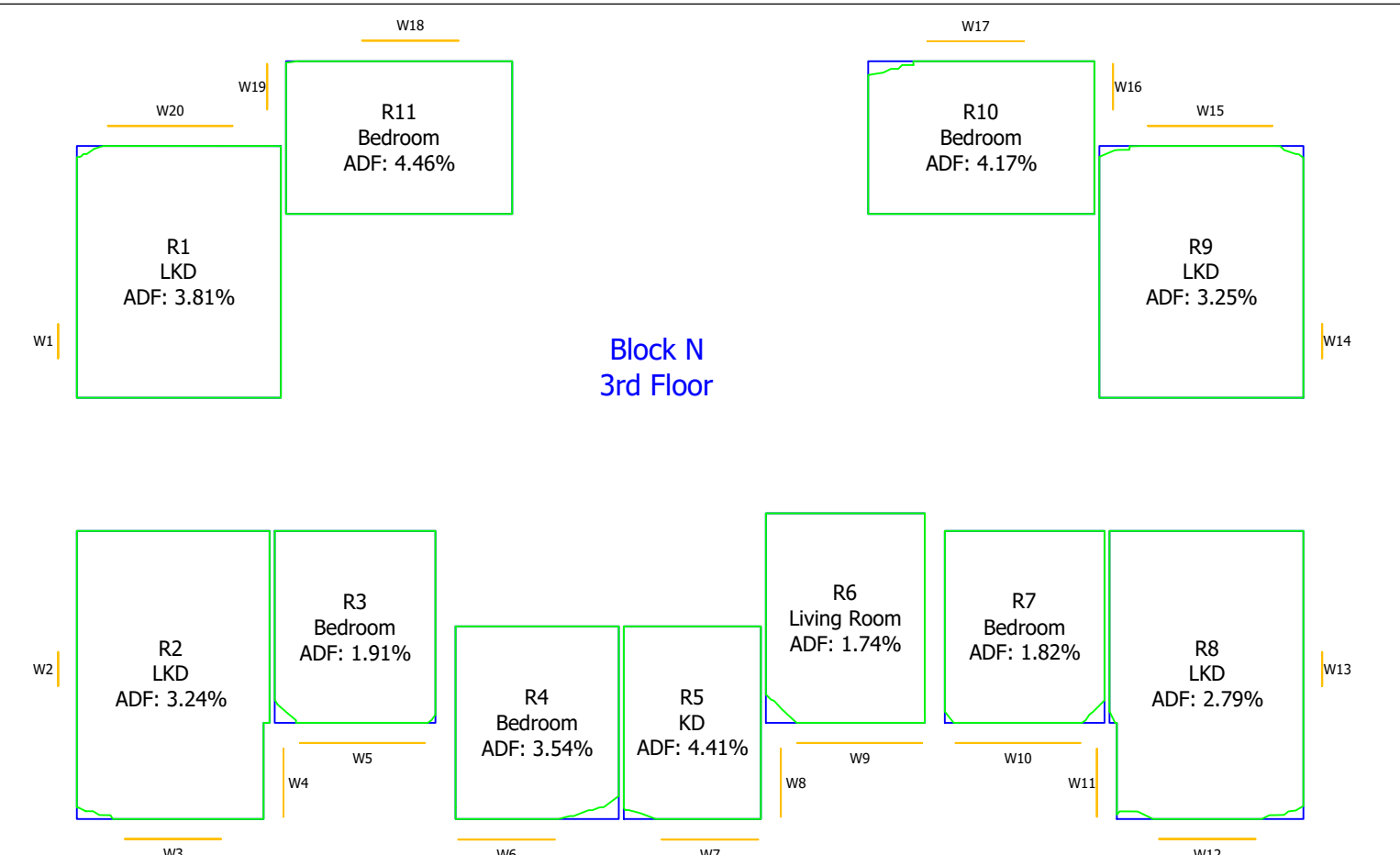
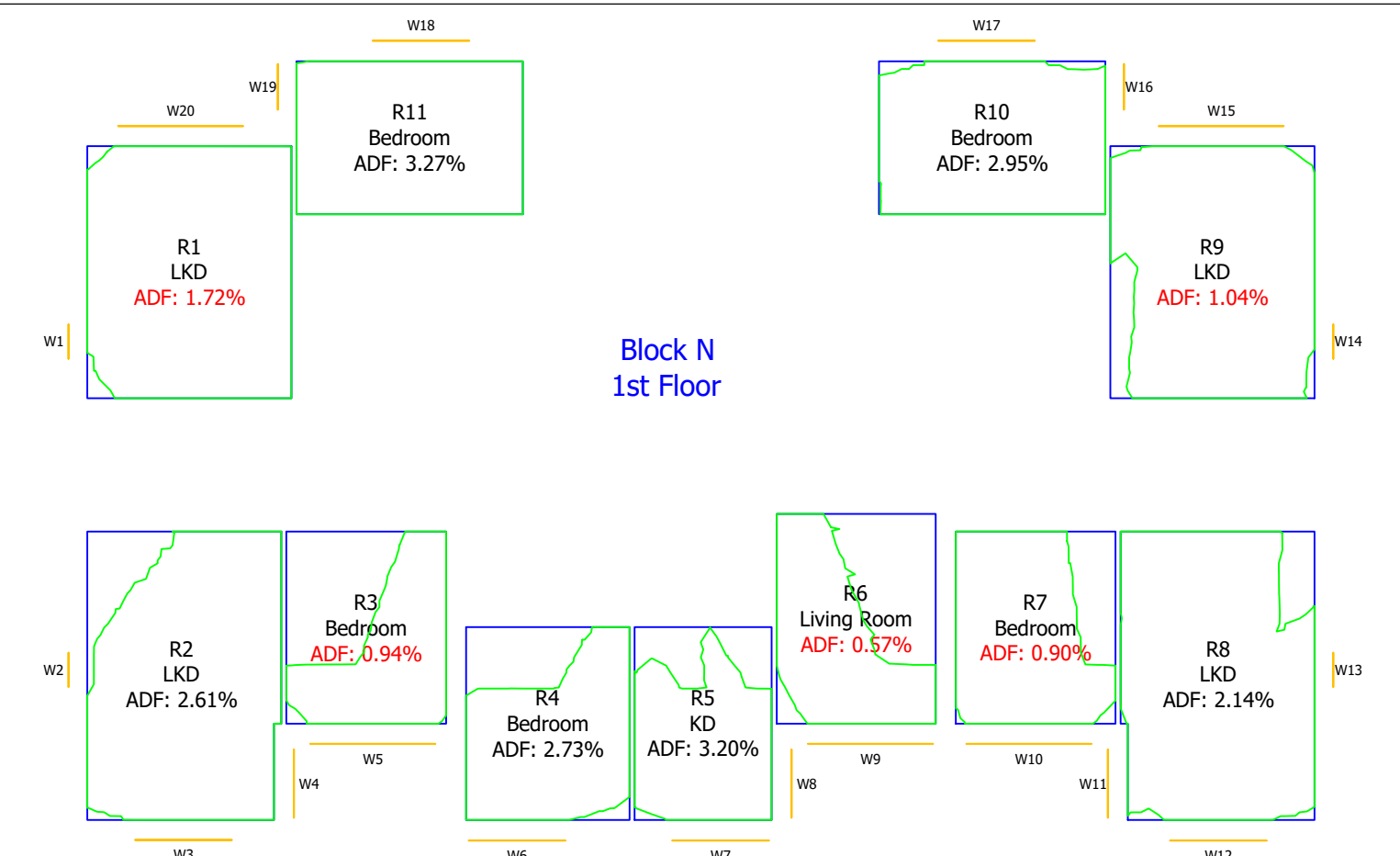
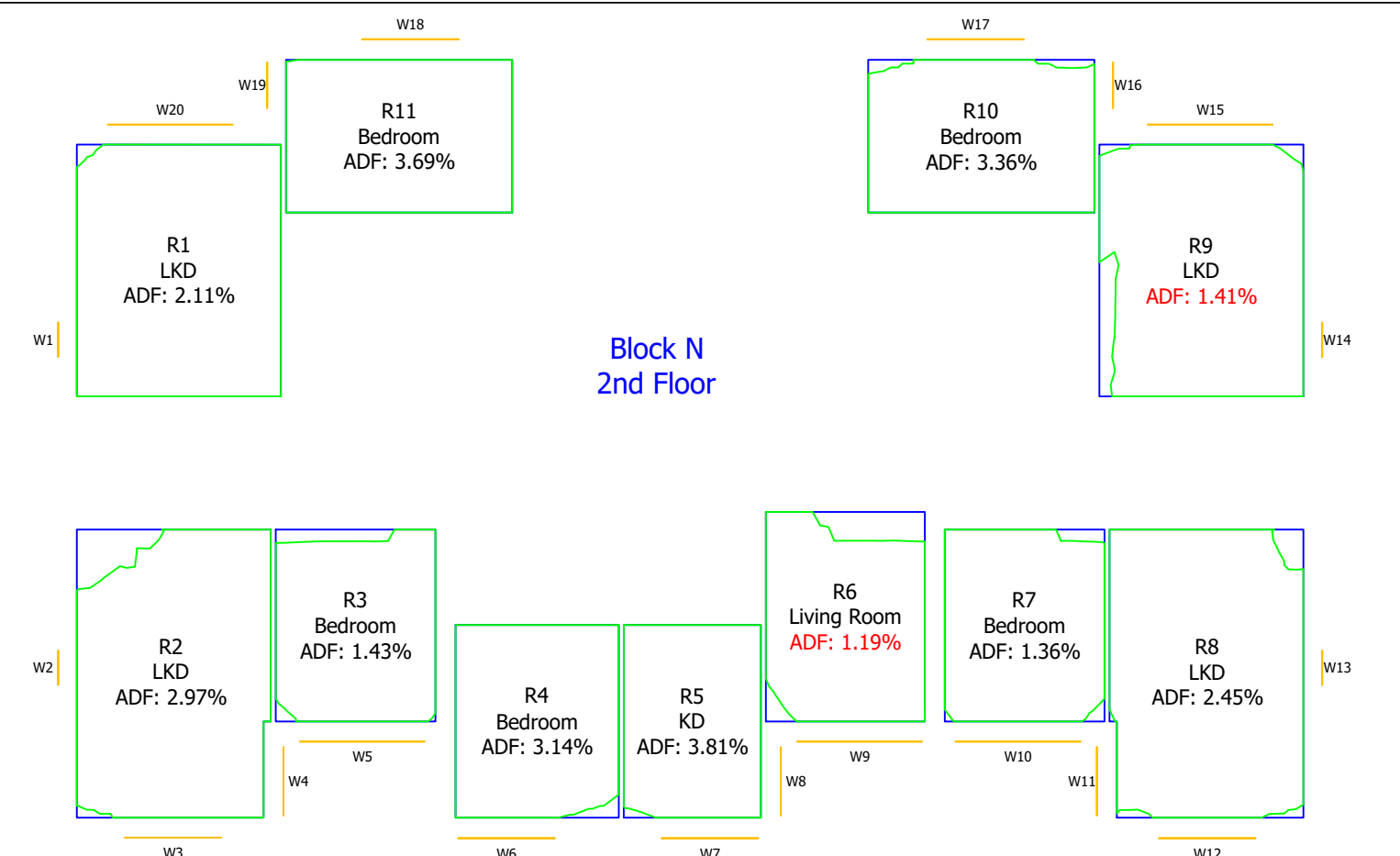
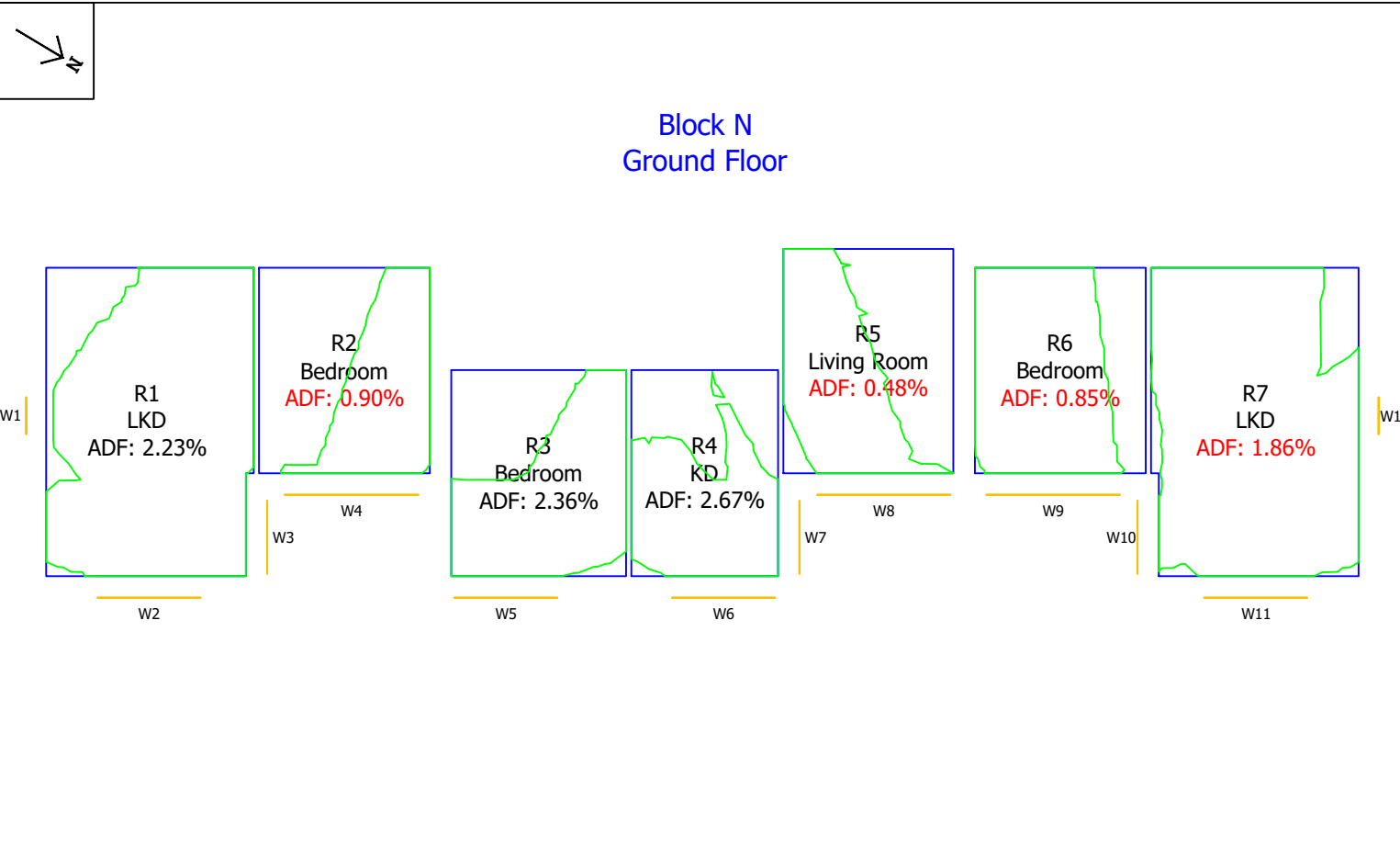
Rel 02/66

#### Revision

-



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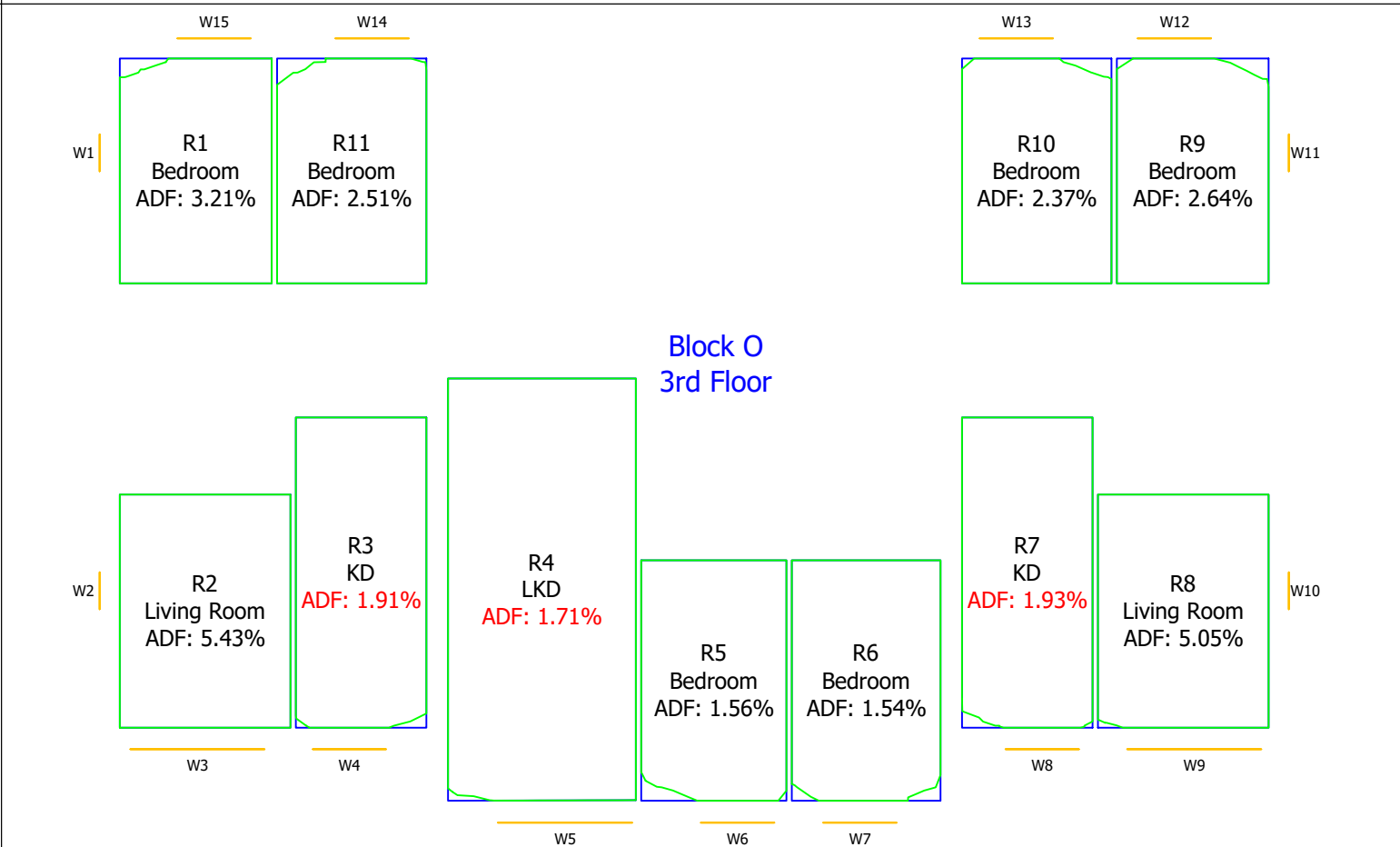
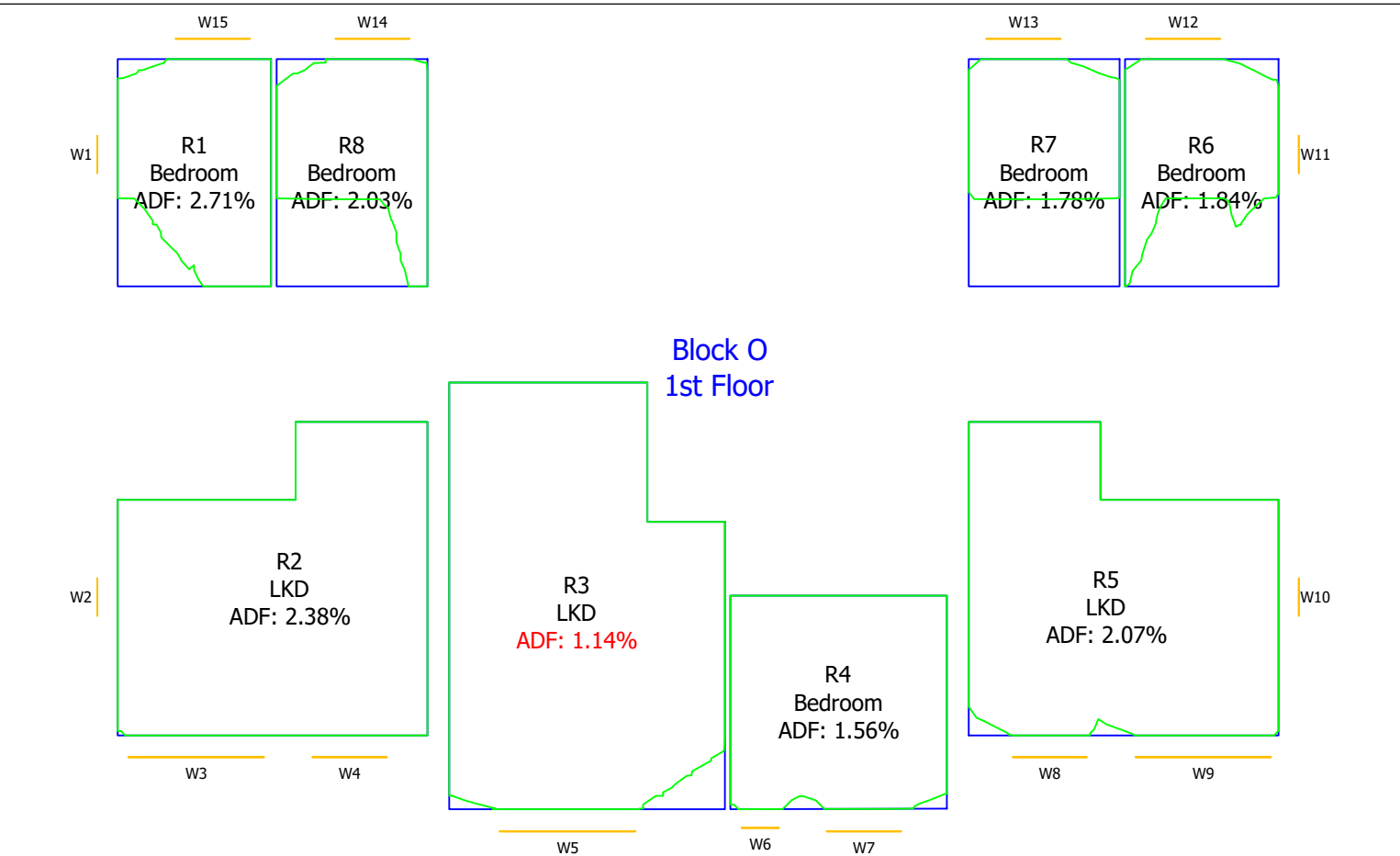
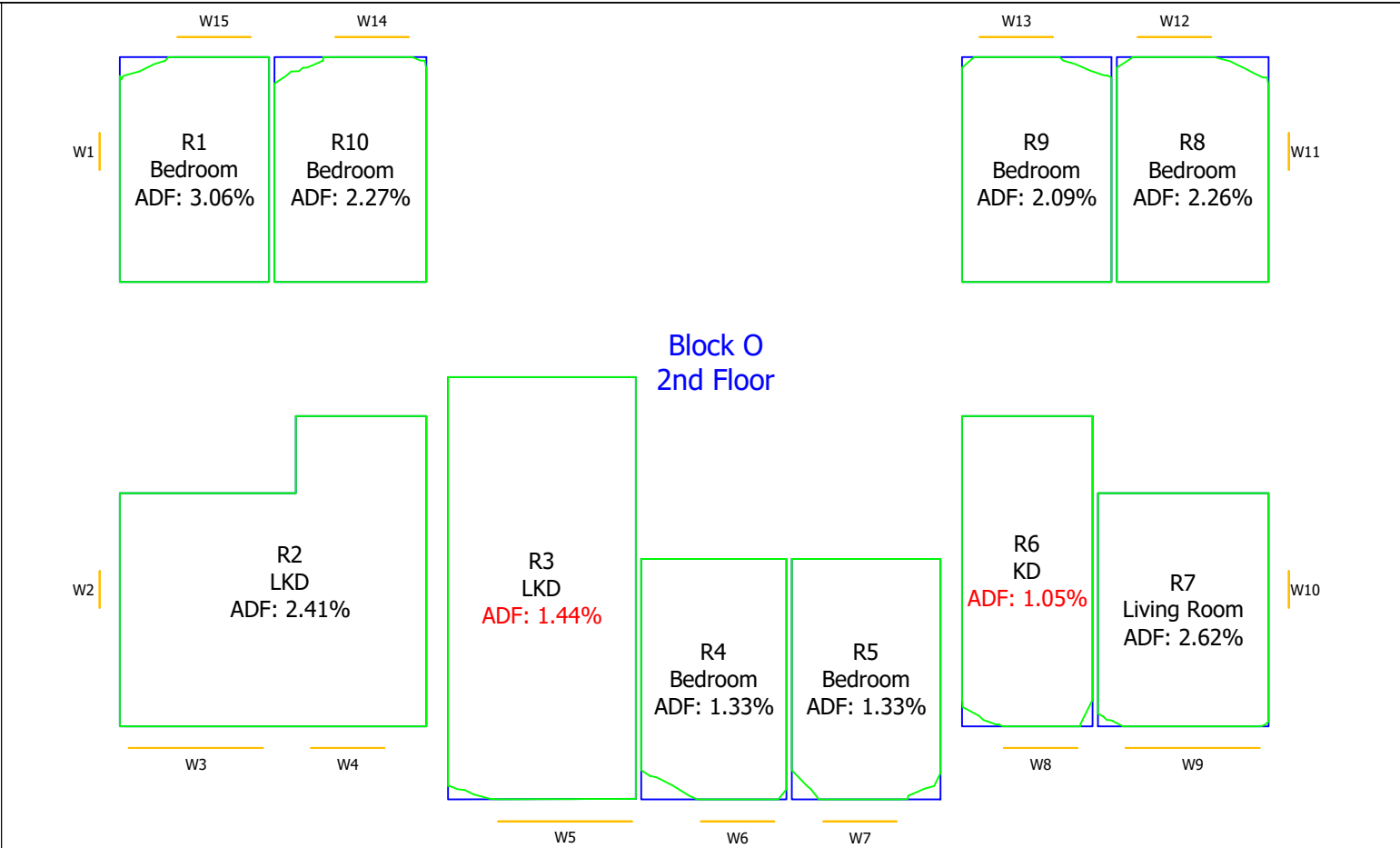
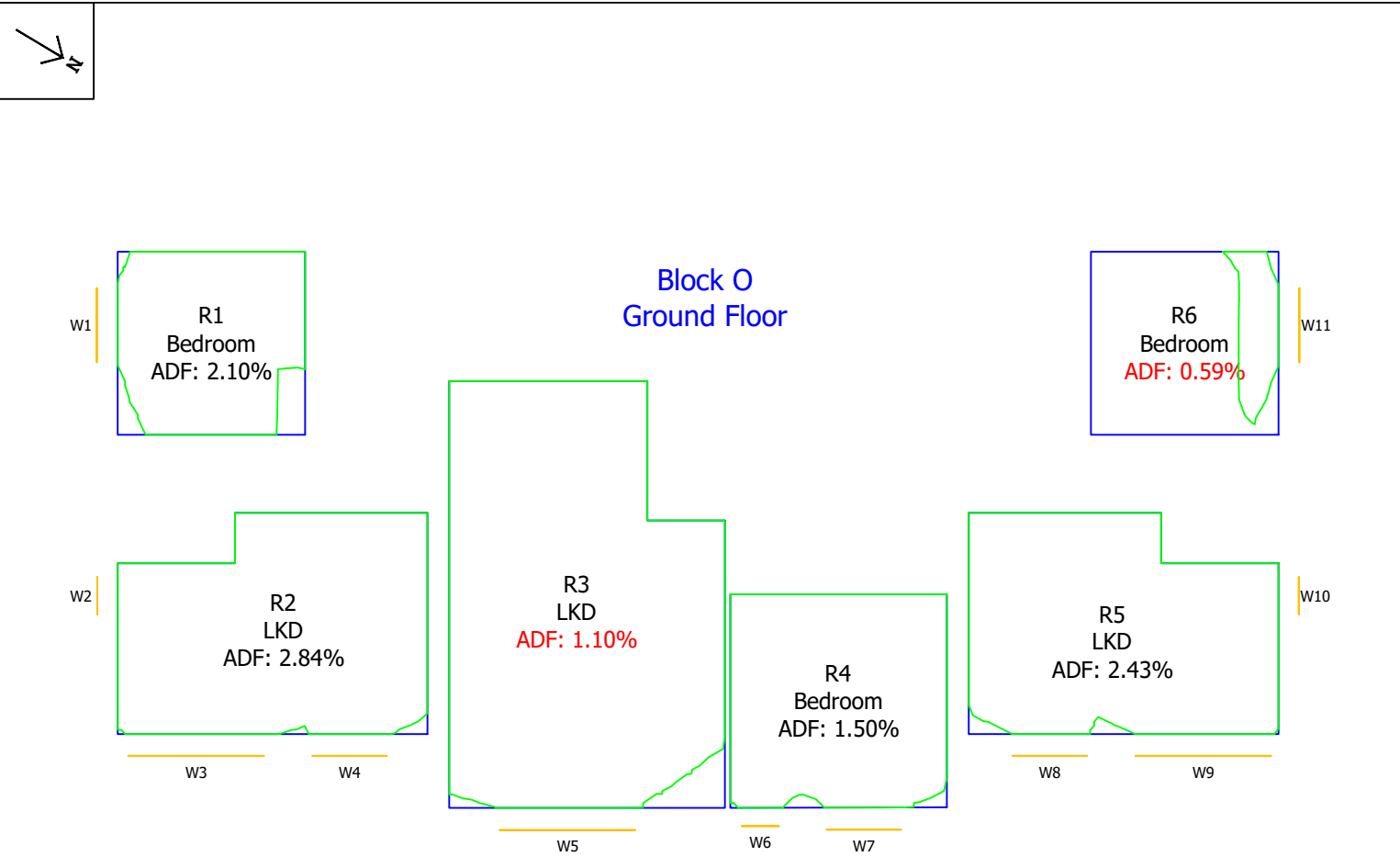
**Key:**

**Sources of information**

Existing building	Surrounding buildings	Proposed building
Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model

<b>Project Name</b> Ham Close, Richmond	<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Drawing Title</b> Daylight Distribution Contour Plot	<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/67	<b>Revision</b> -

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**Key:**

**Sources of information**

Category	Details
Existing building	Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER
Surrounding buildings	Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER
Proposed building	Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model

**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

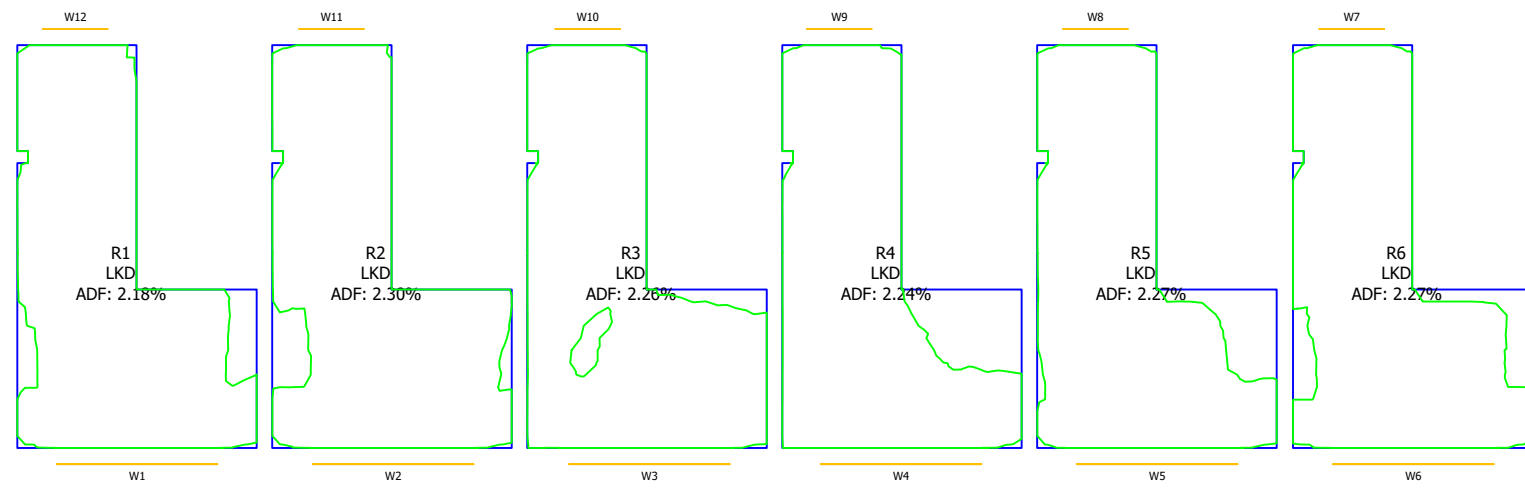
<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/68	<b>Revision</b> -

65 Gresham Street, London, EC2V 7NQ  
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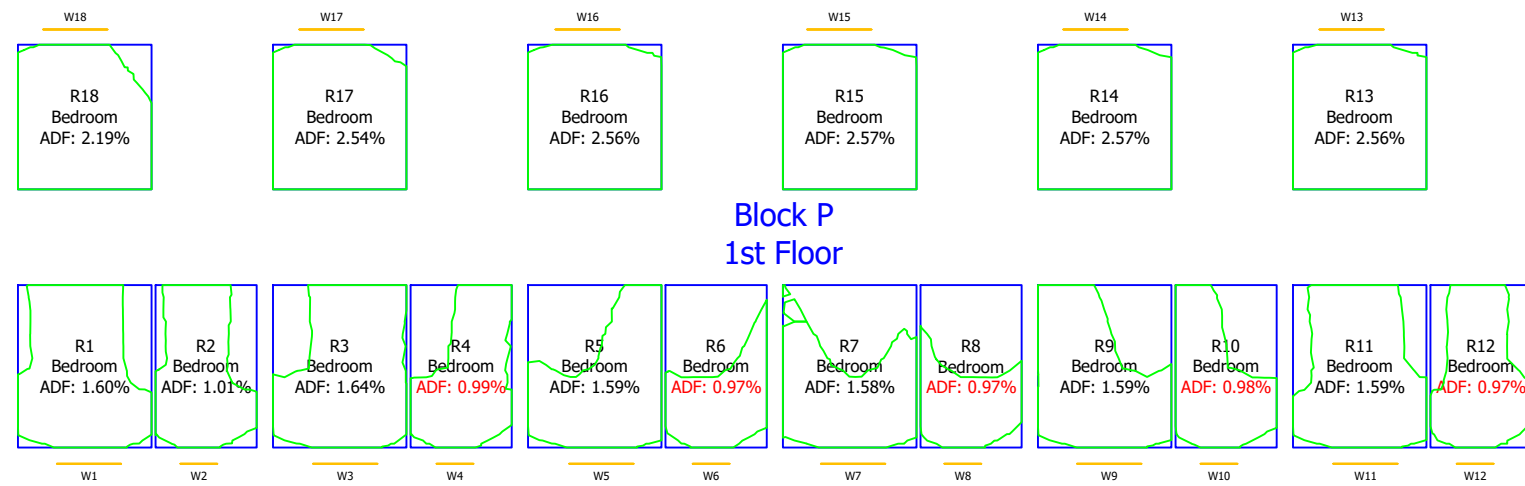
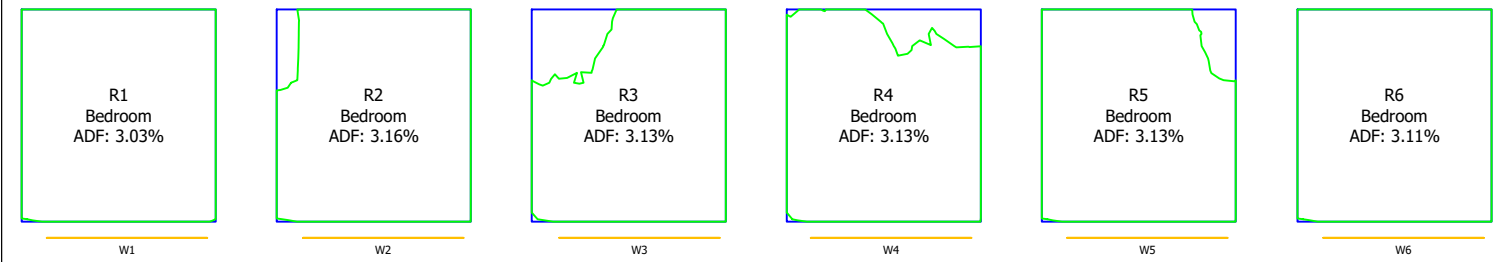




### Block P Ground Floor

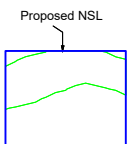


### Block P 2nd Floor



### Block P 1st Floor

Key:



#### Sources of information

**Existing building**  
Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

**Surrounding buildings**  
Accucities: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

**Proposed building**  
Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

**Drawn By**  
MF

**Project No.**  
HA167\_22

**Scale @ A3**  
-

**Drawing No.**  
Rel 02/69

**Date**  
March 2022

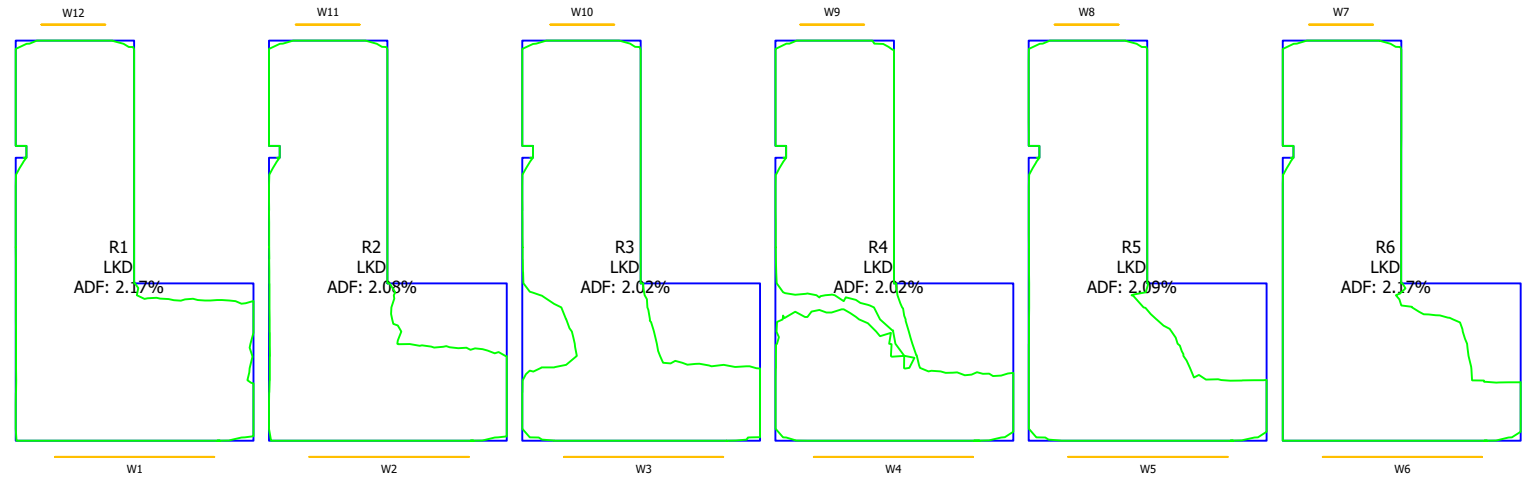
**Revision**  
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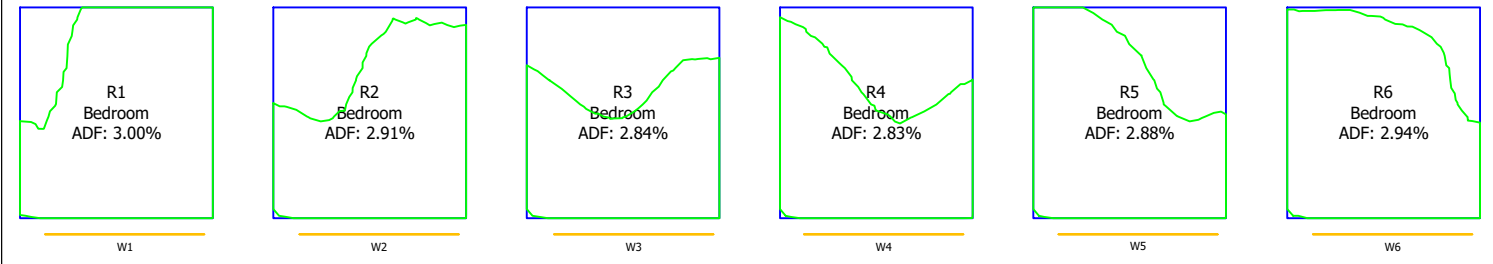
65 Gresham Street, London, EC2V 7NQ  
08449 02 03 04 www.avisonyoung.co.uk



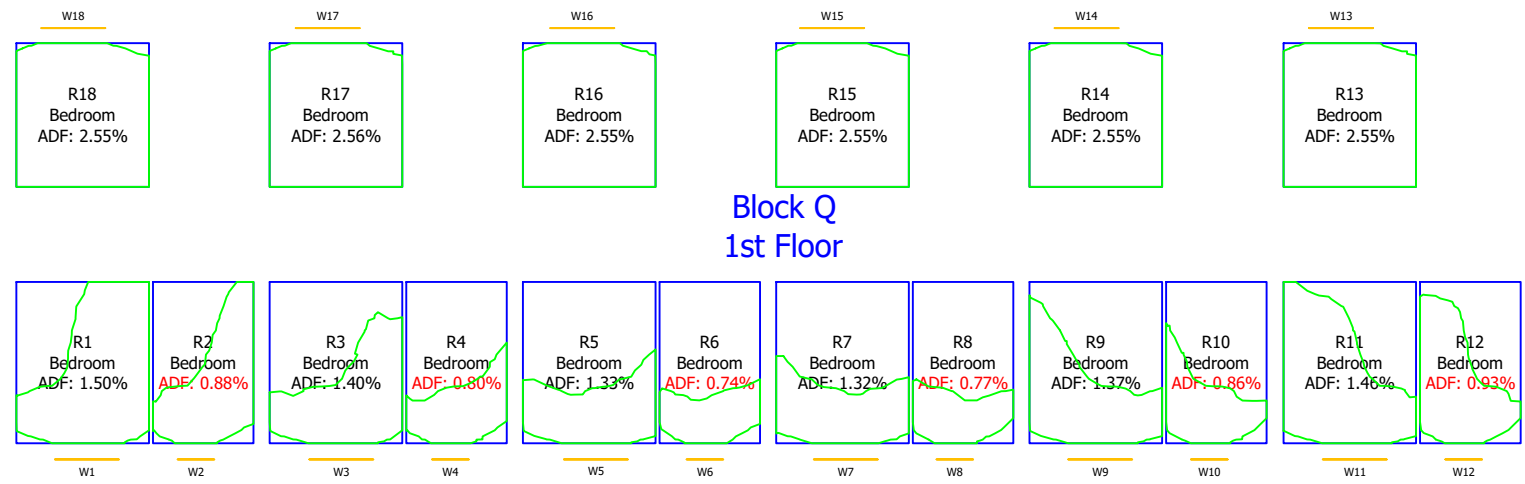
### Block Q Ground Floor



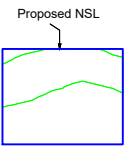
### Block Q 2nd Floor



### Block Q 1st Floor



Key:



#### Sources of information

<p><b>Existing building</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Surrounding buildings</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>
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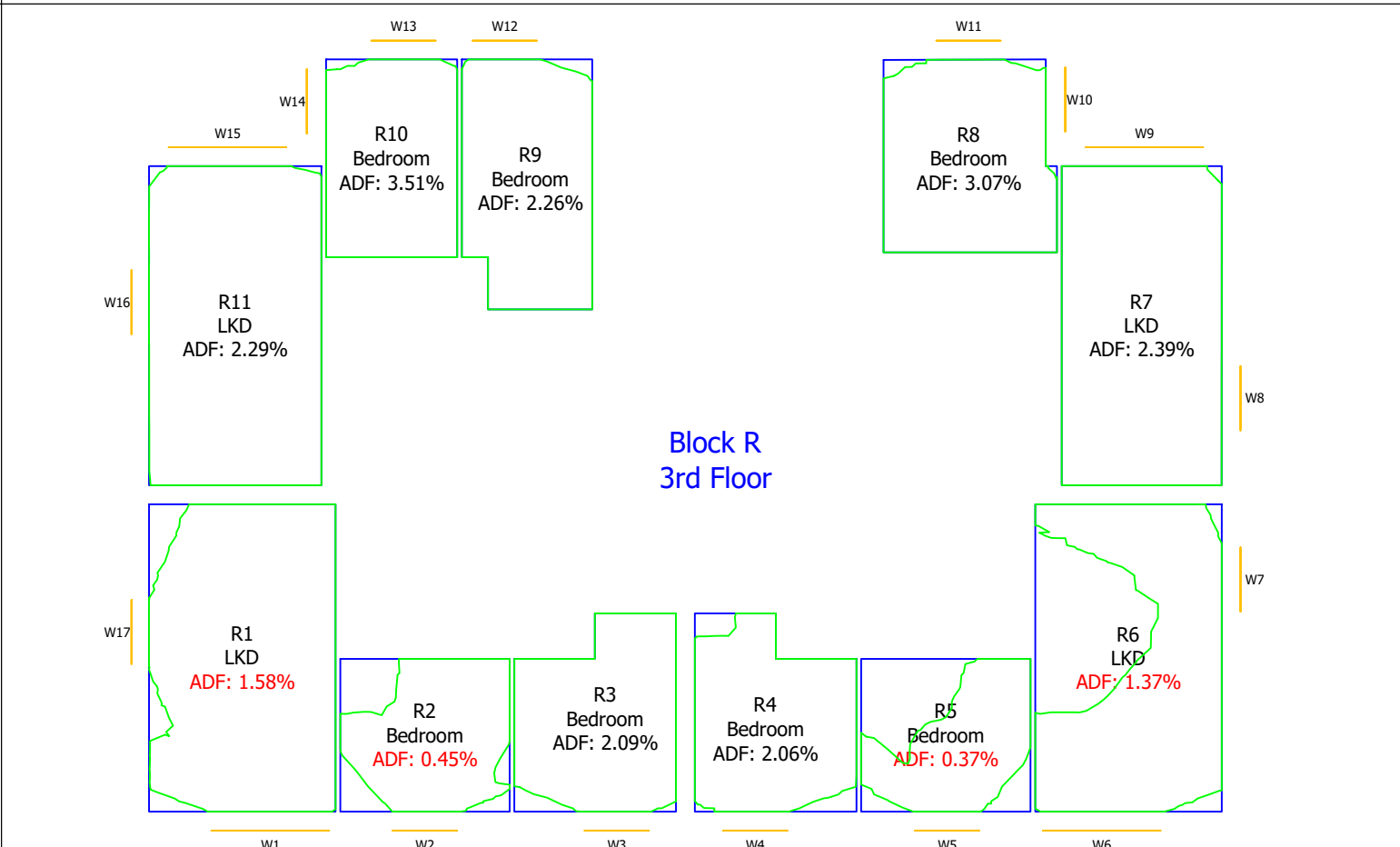
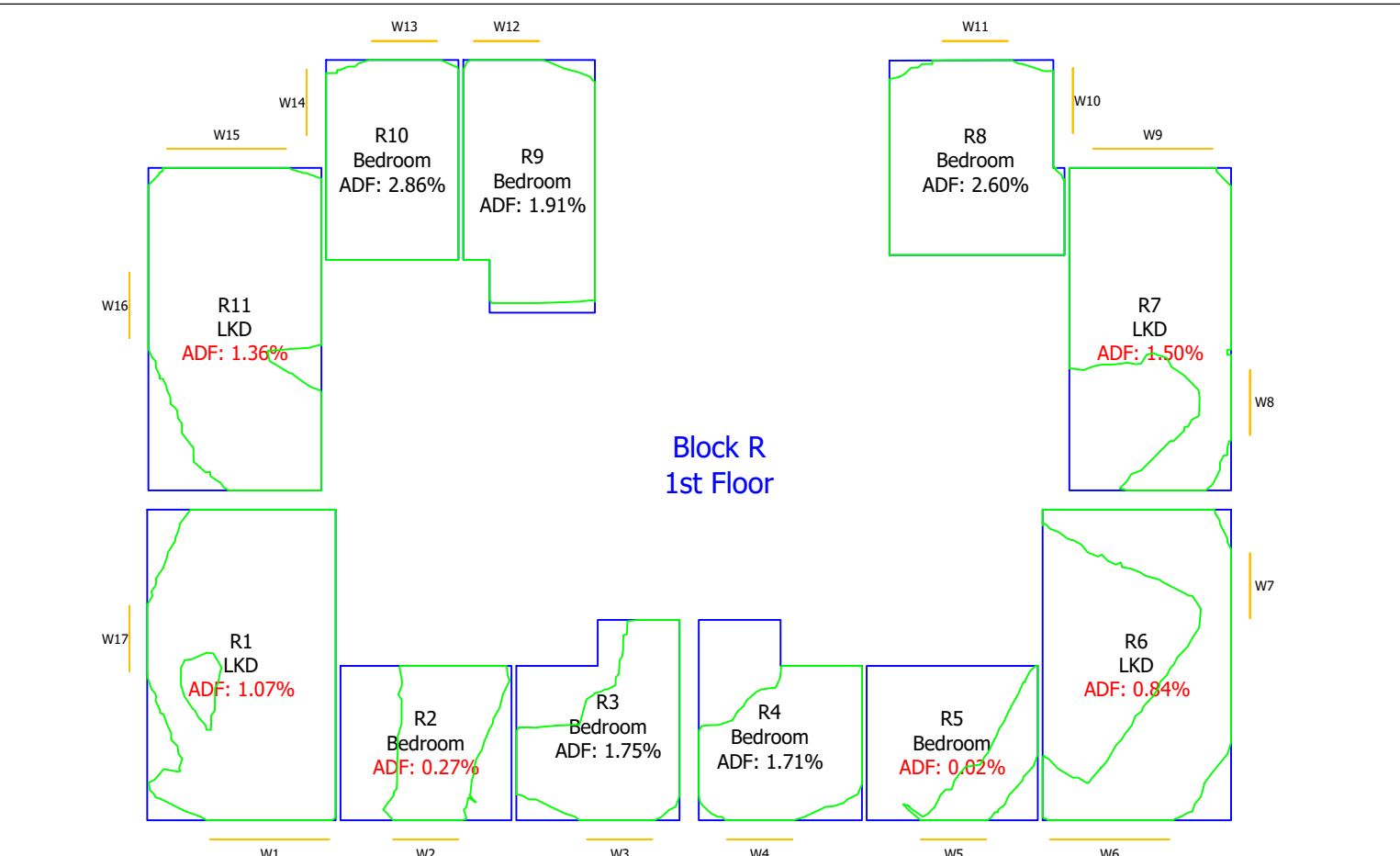
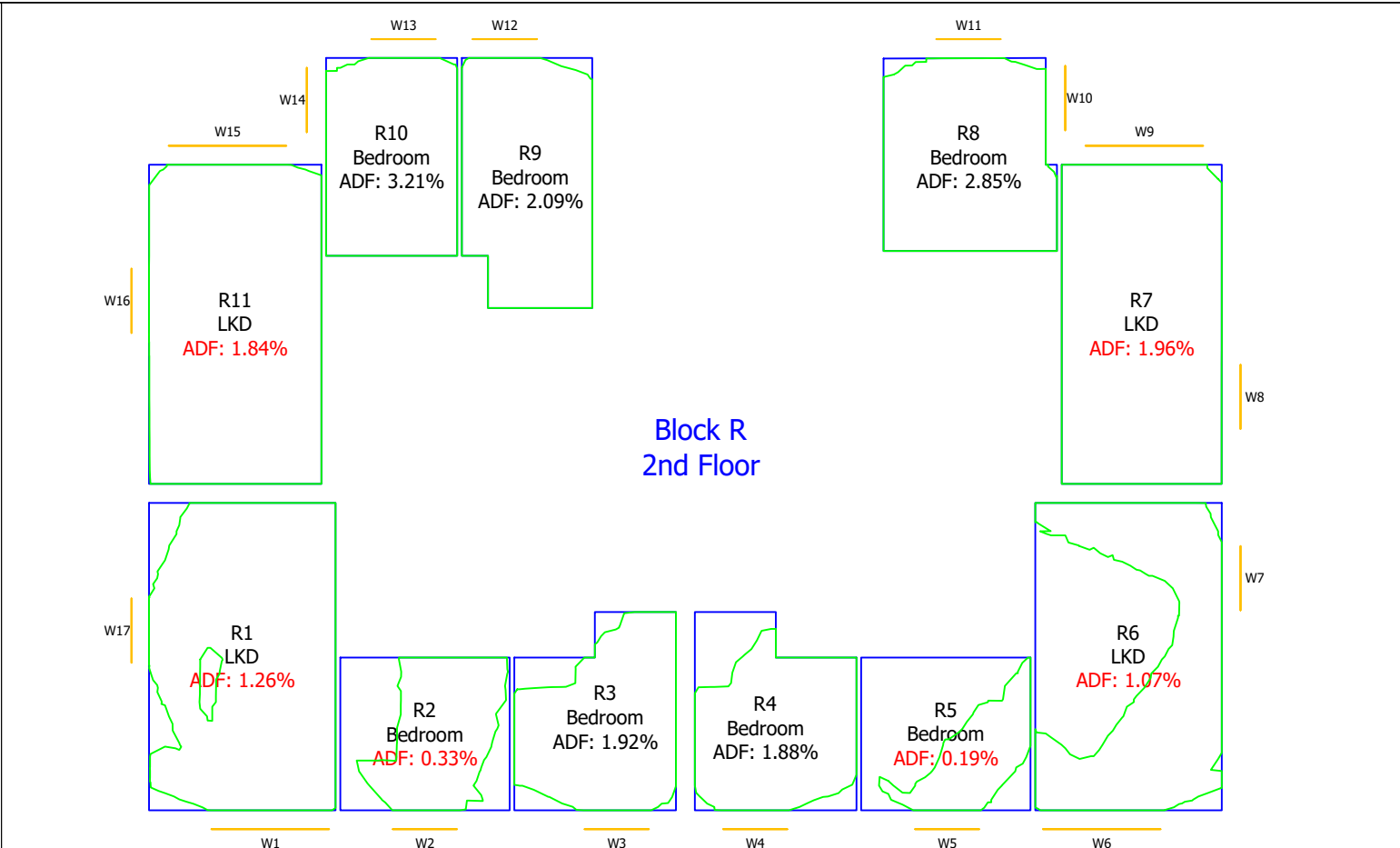
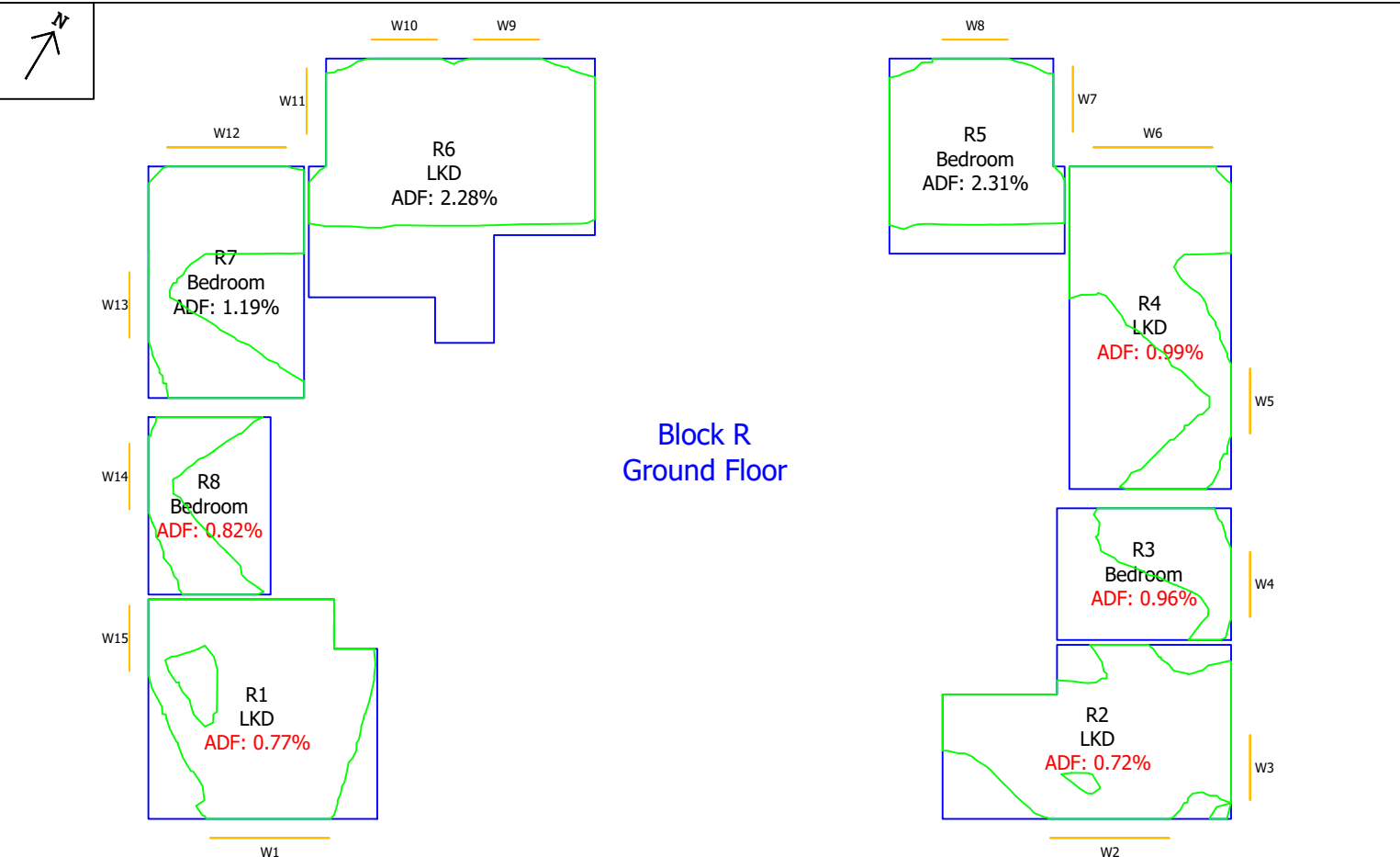
**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/70	<b>Revision</b> -



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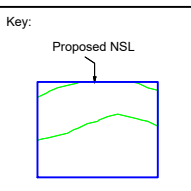
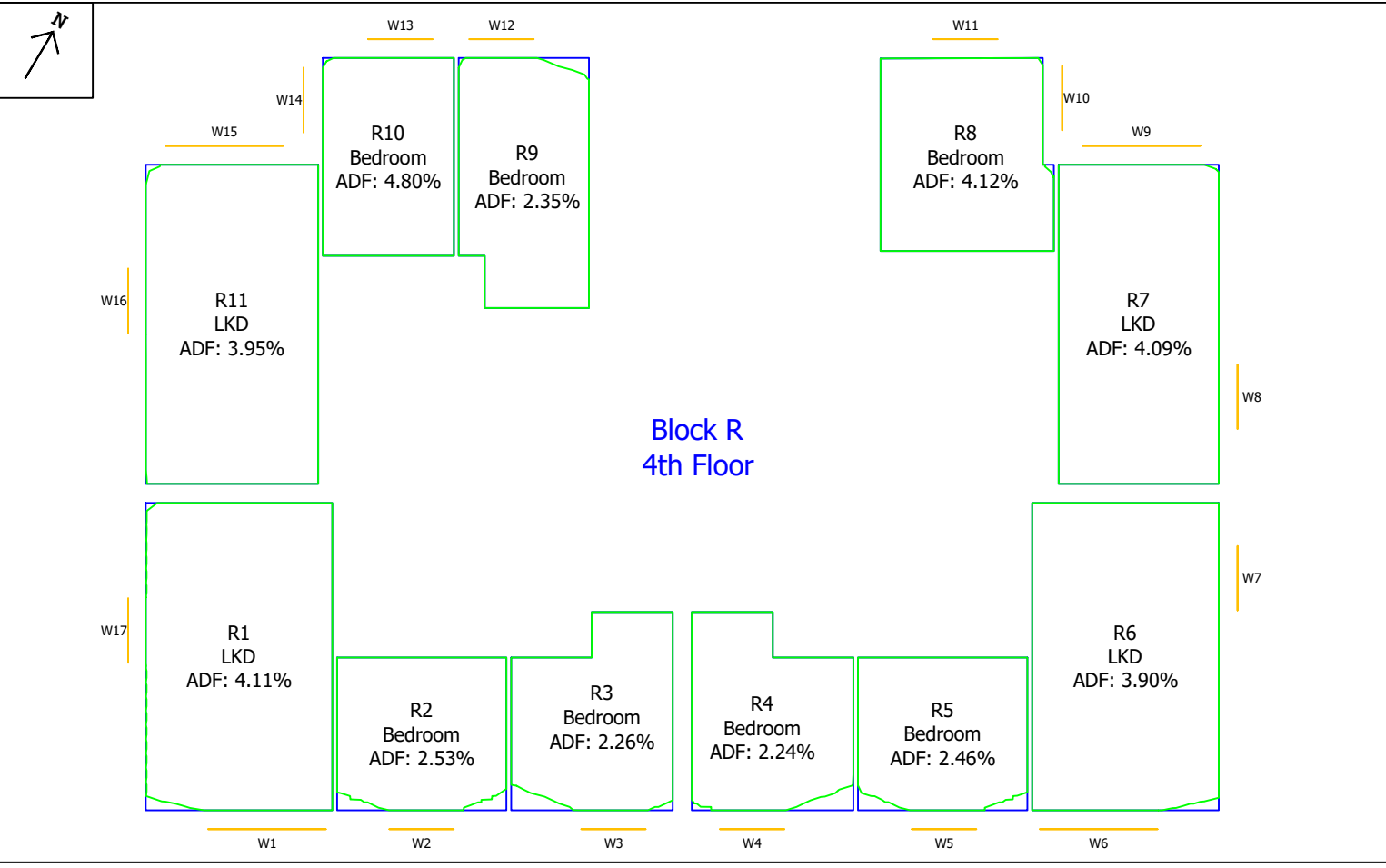
**Key:**

**Sources of information**

Category	Details
Existing building	Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER
Surrounding buildings	Accucities: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER
Proposed building	Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model

<b>Project Name</b> Ham Close, Richmond	<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Drawing Title</b> Daylight Distribution Contour Plot	<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/71	<b>Revision</b> -

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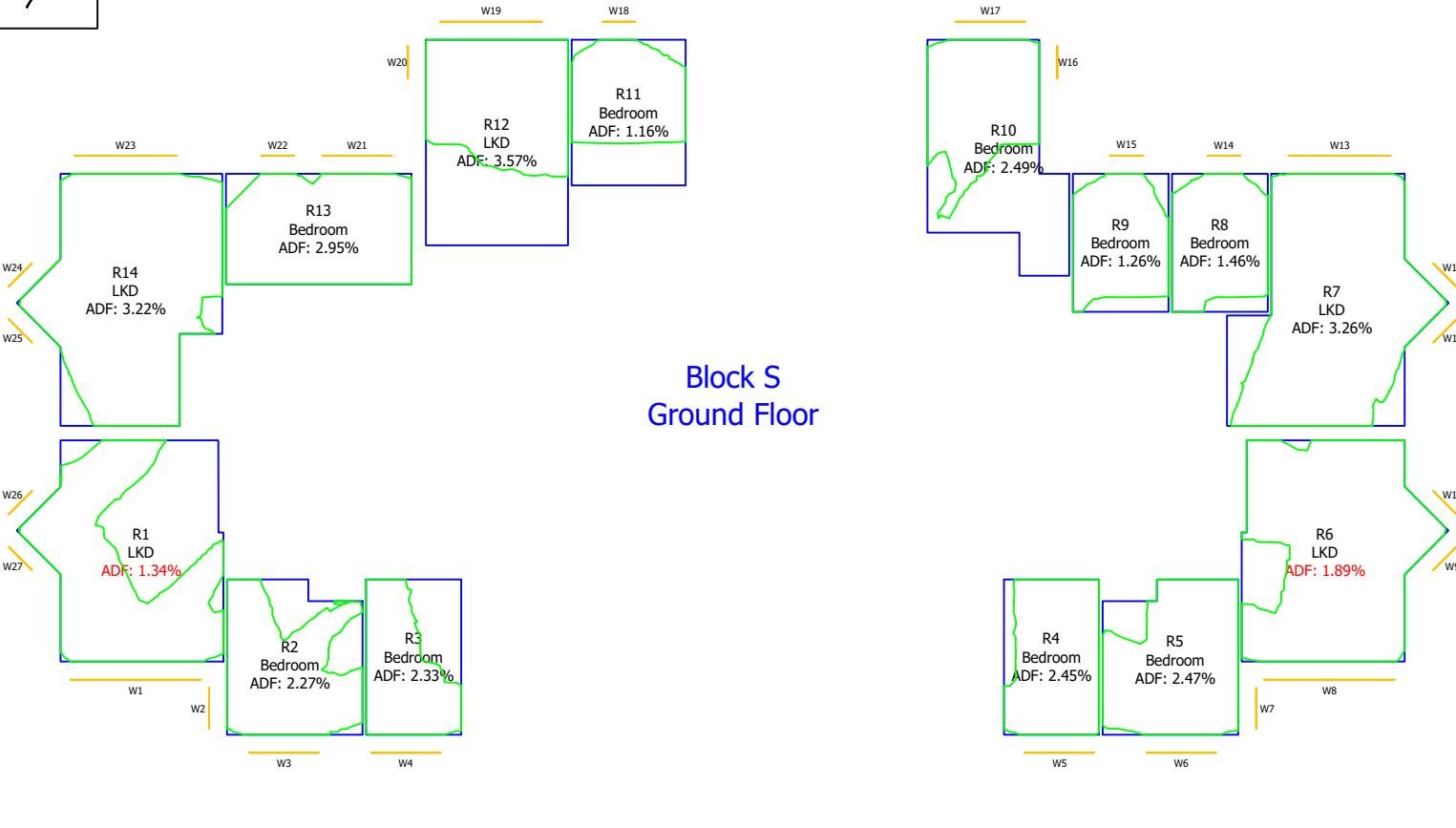
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**Project Name**  
Ham Close, Richmond

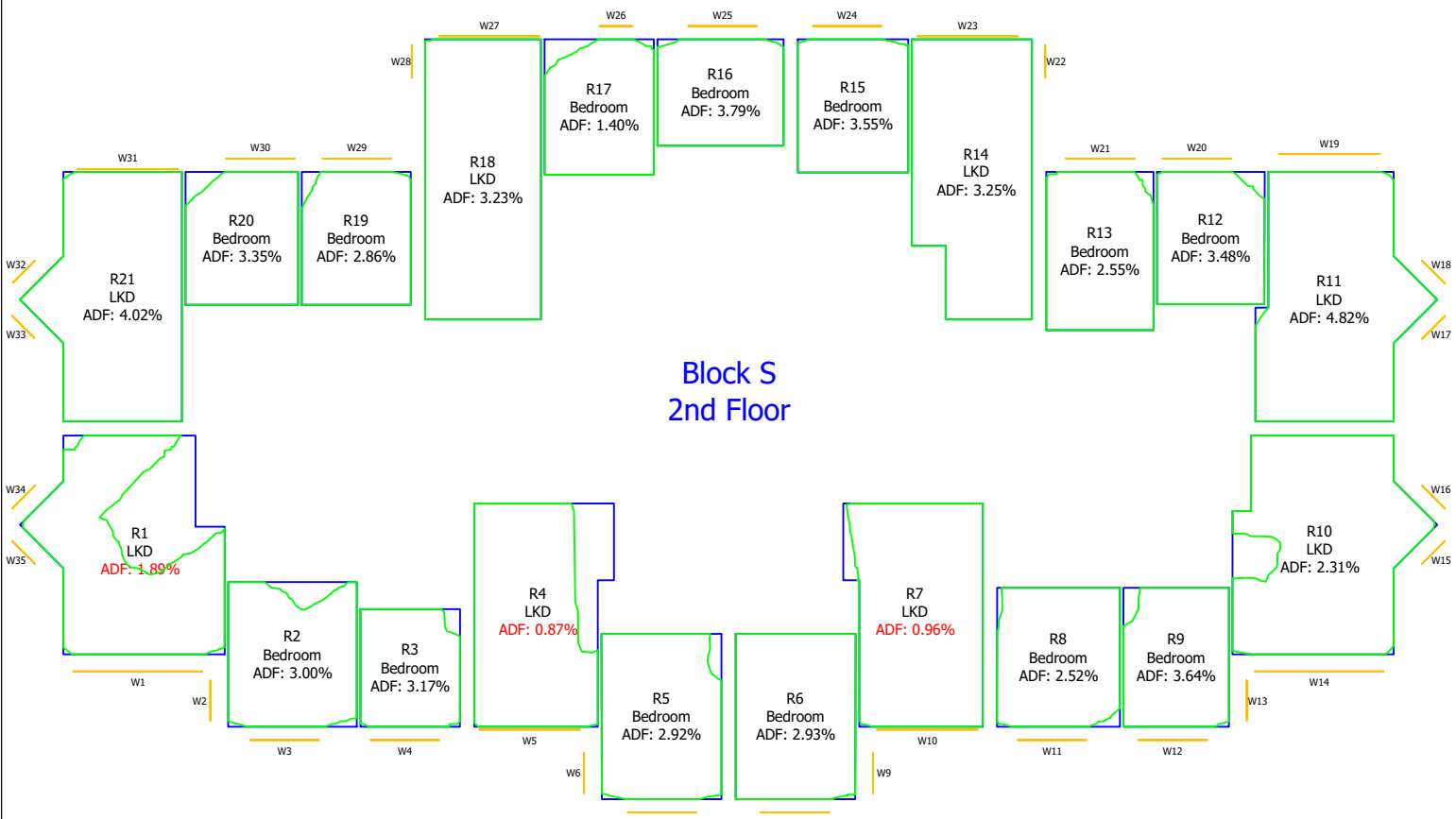
**Drawing Title**  
Daylight Distribution  
Contour Plot

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<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/72	<b>Revision</b> -

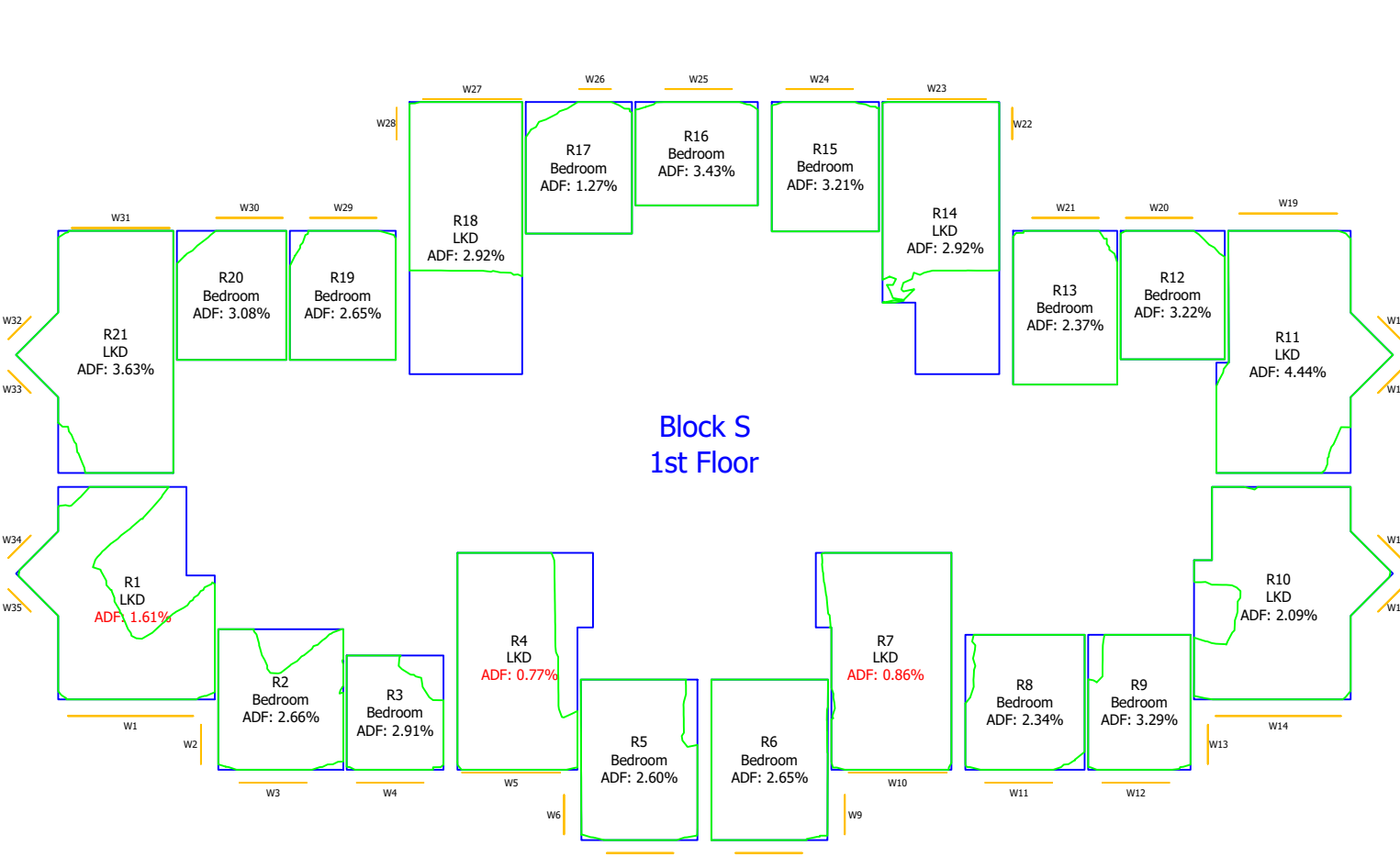
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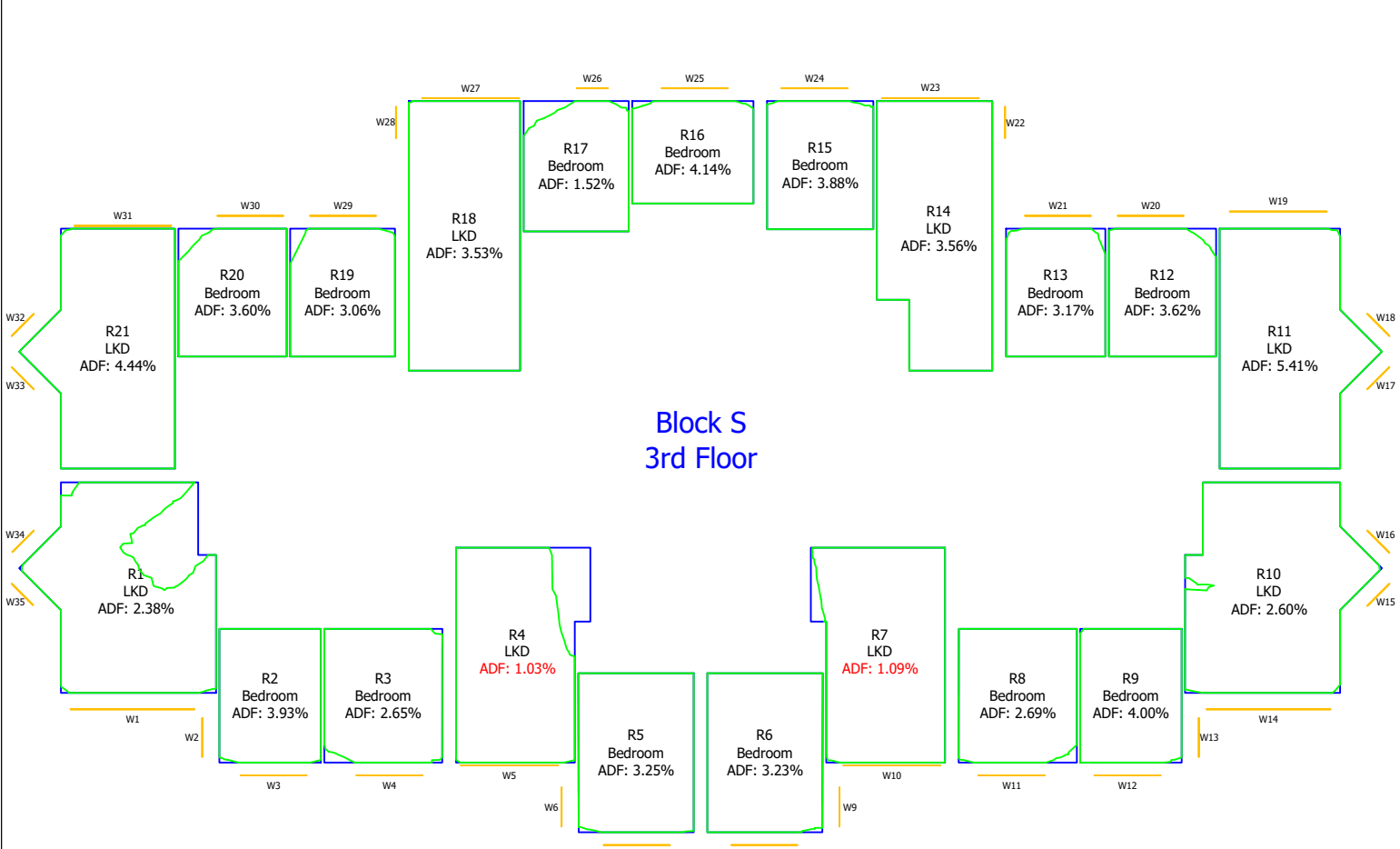
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Ground Floor



Block S  
2nd Floor



Block S  
1st Floor



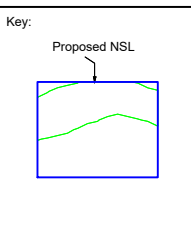
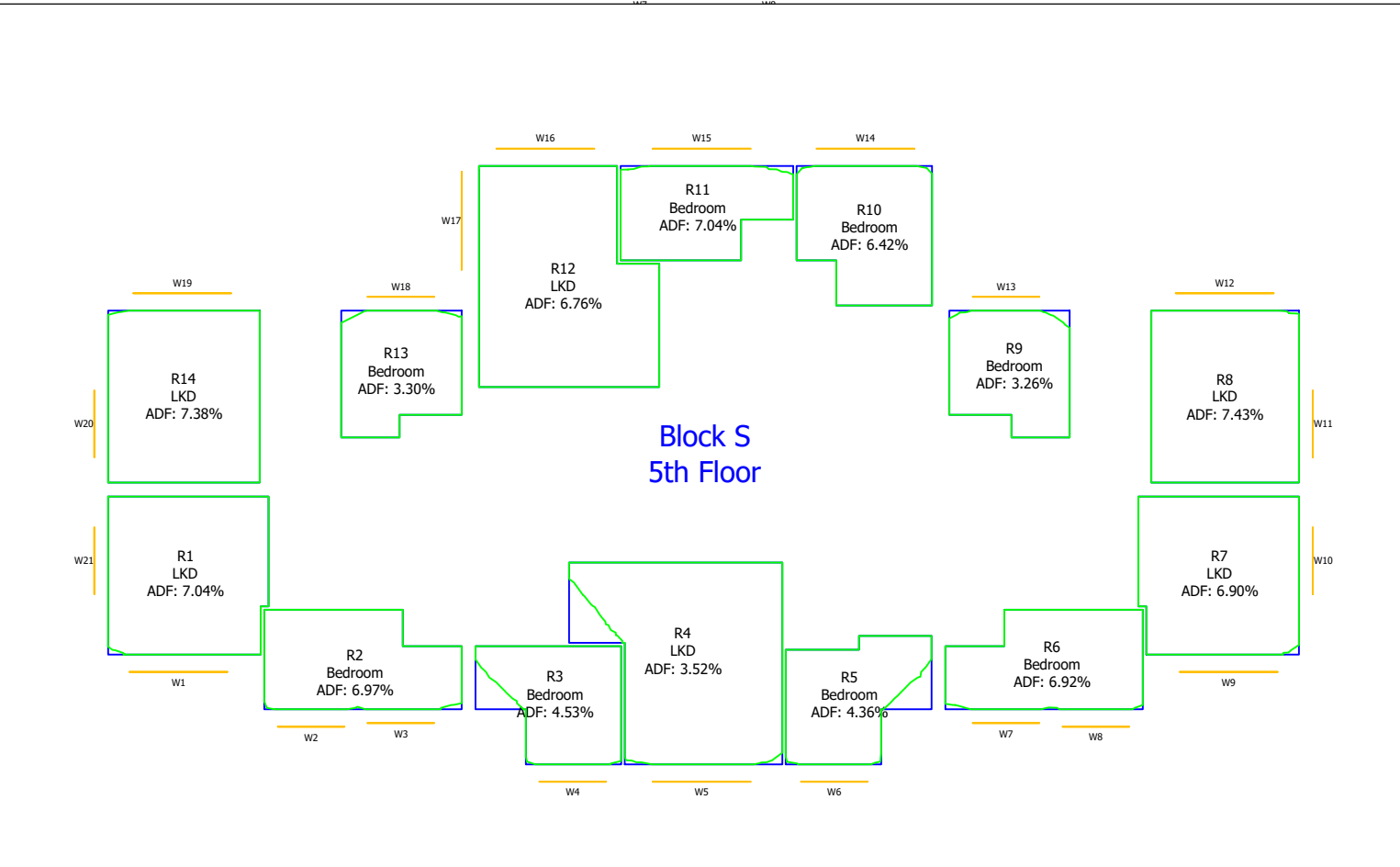
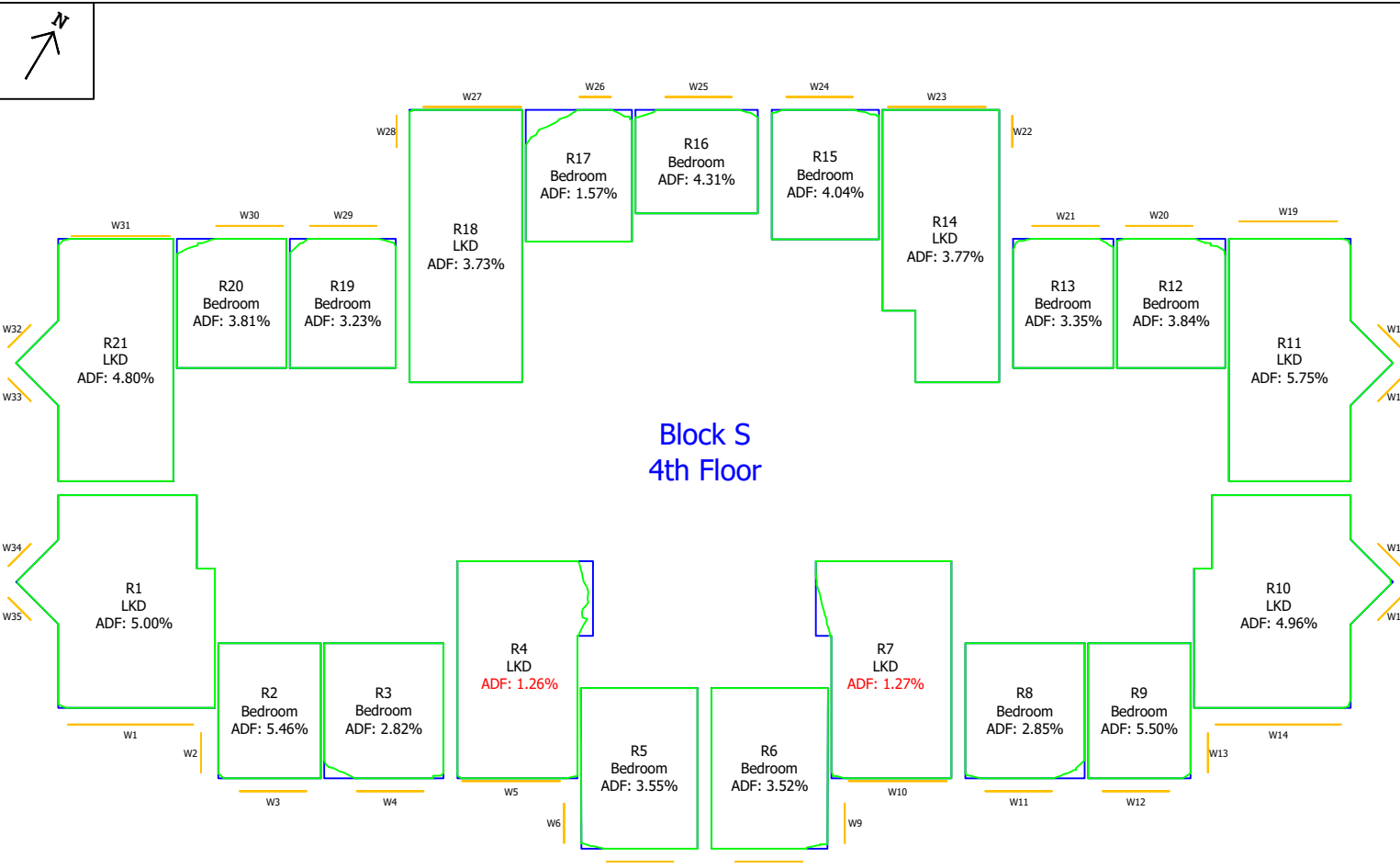
Block S  
3rd Floor

Key: 	<b>Sources of information</b>		
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**Project Name**  
 Ham Close, Richmond  
  
**Drawing Title**  
 Daylight Distribution  
 Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/73	<b>Revision</b> -





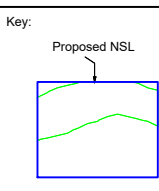
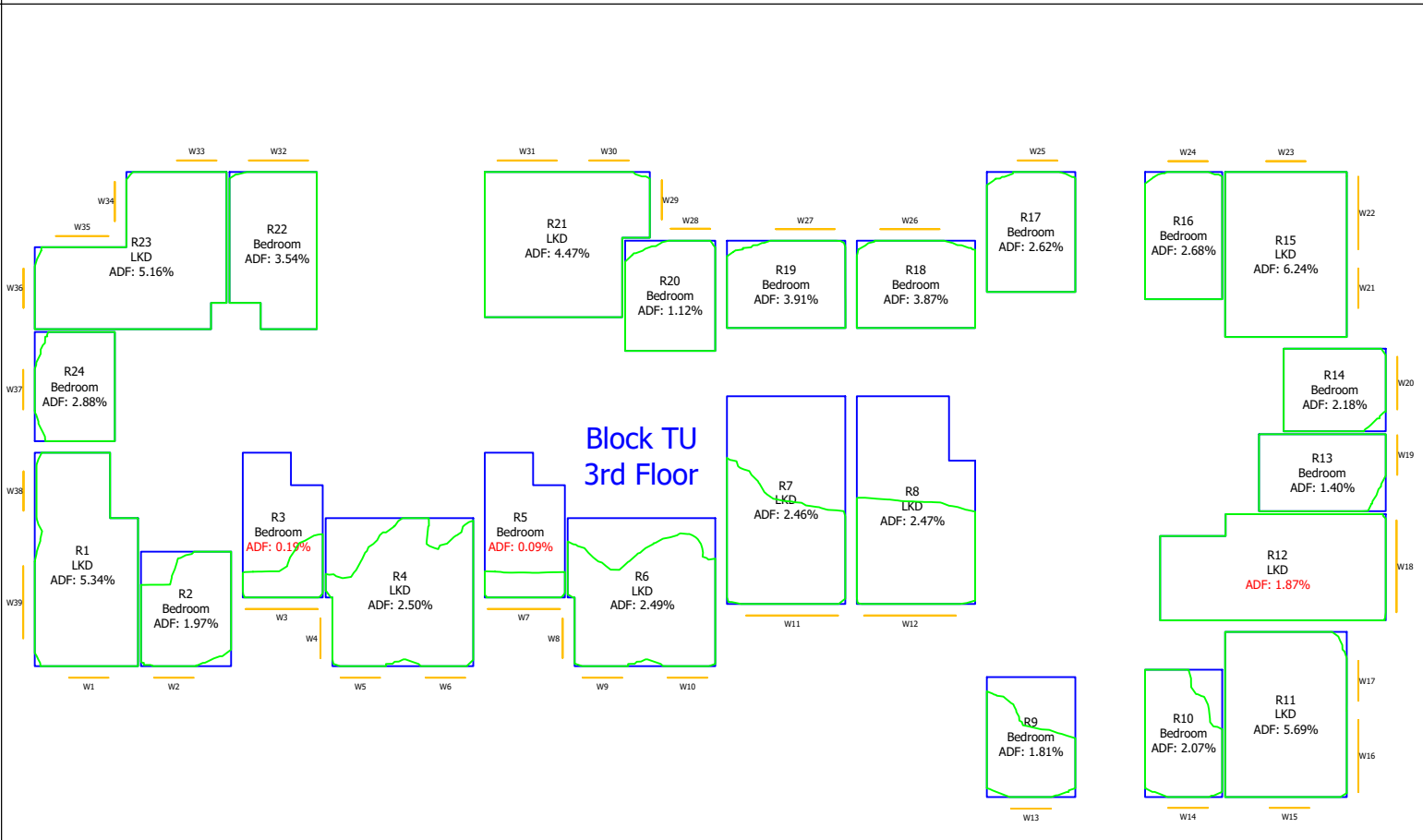
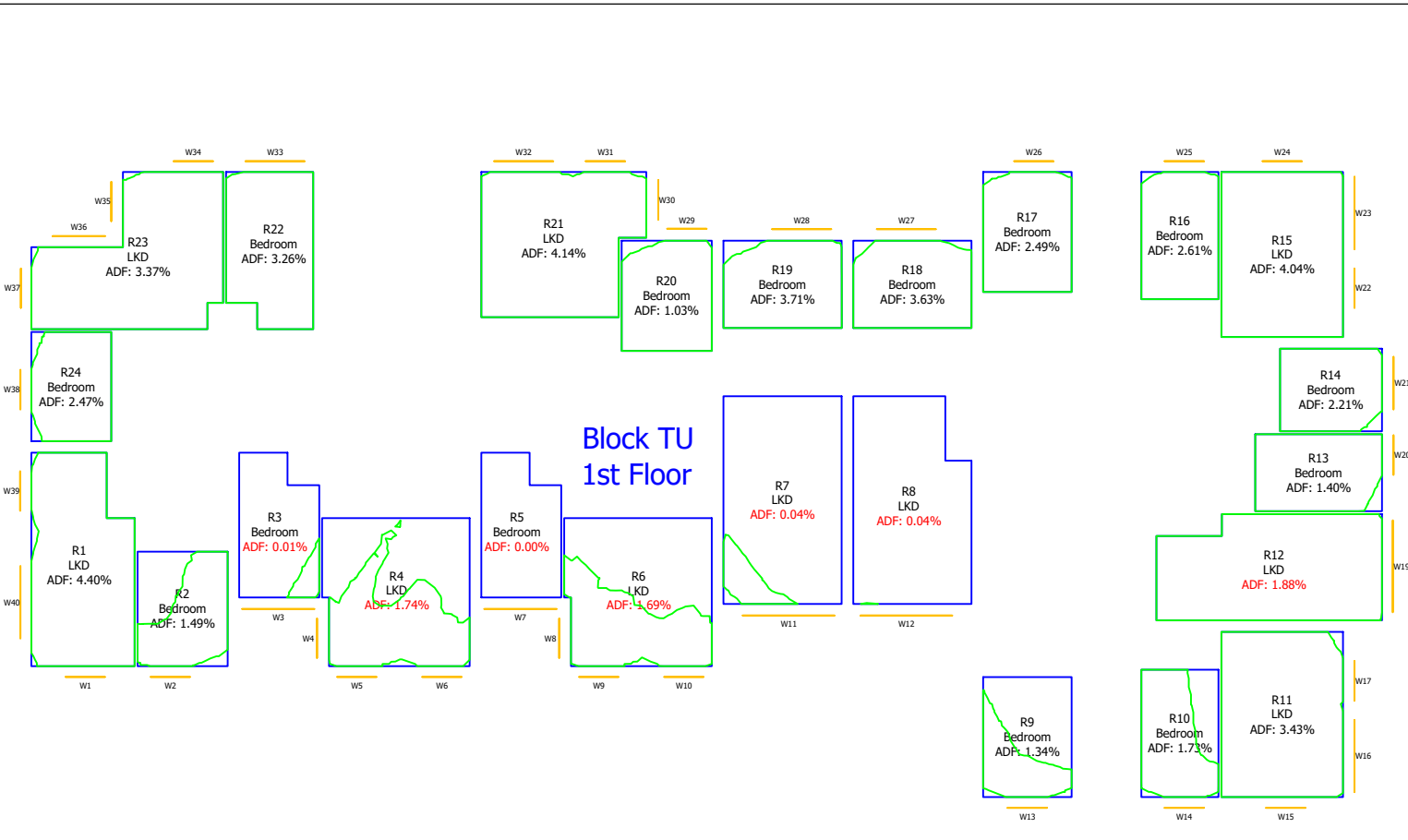
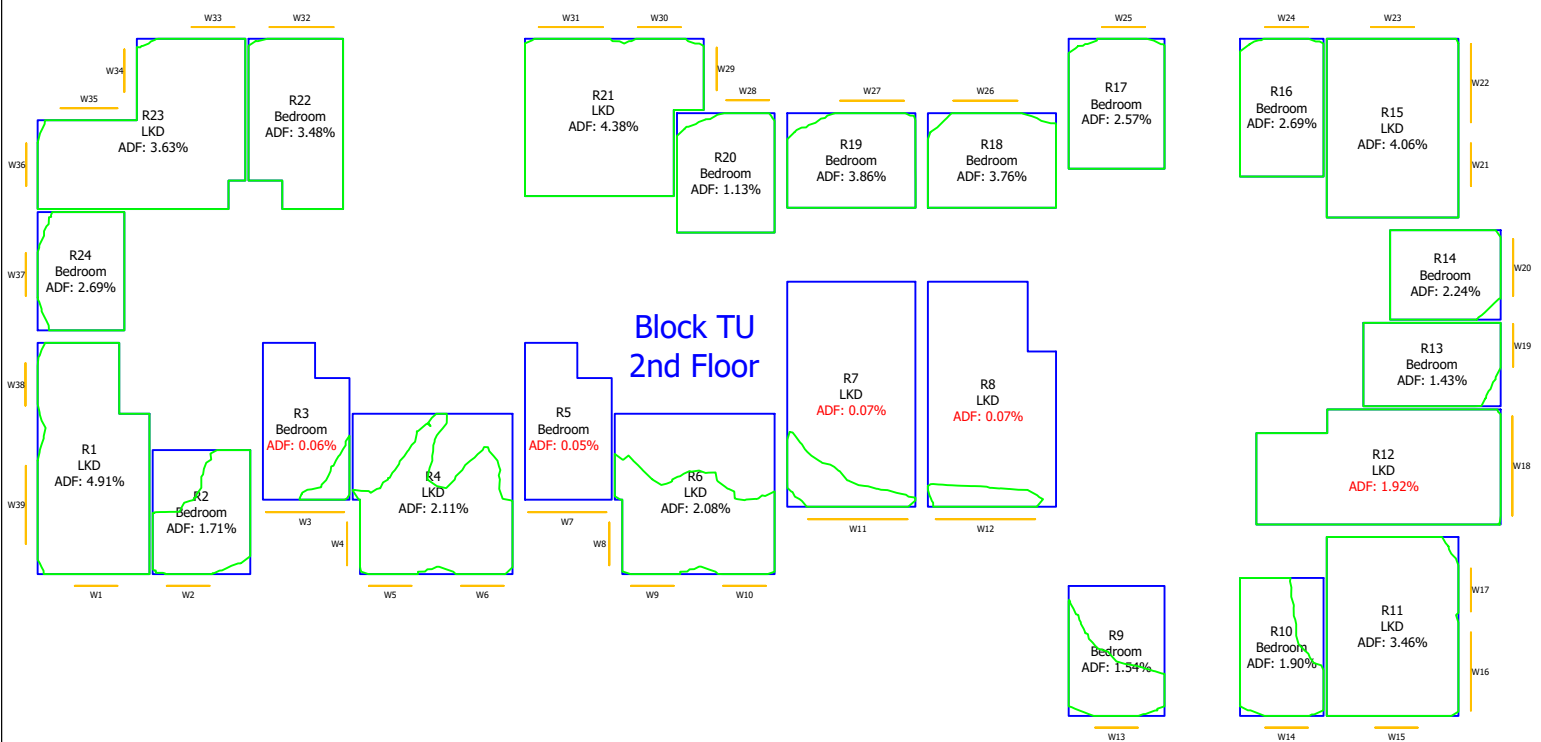
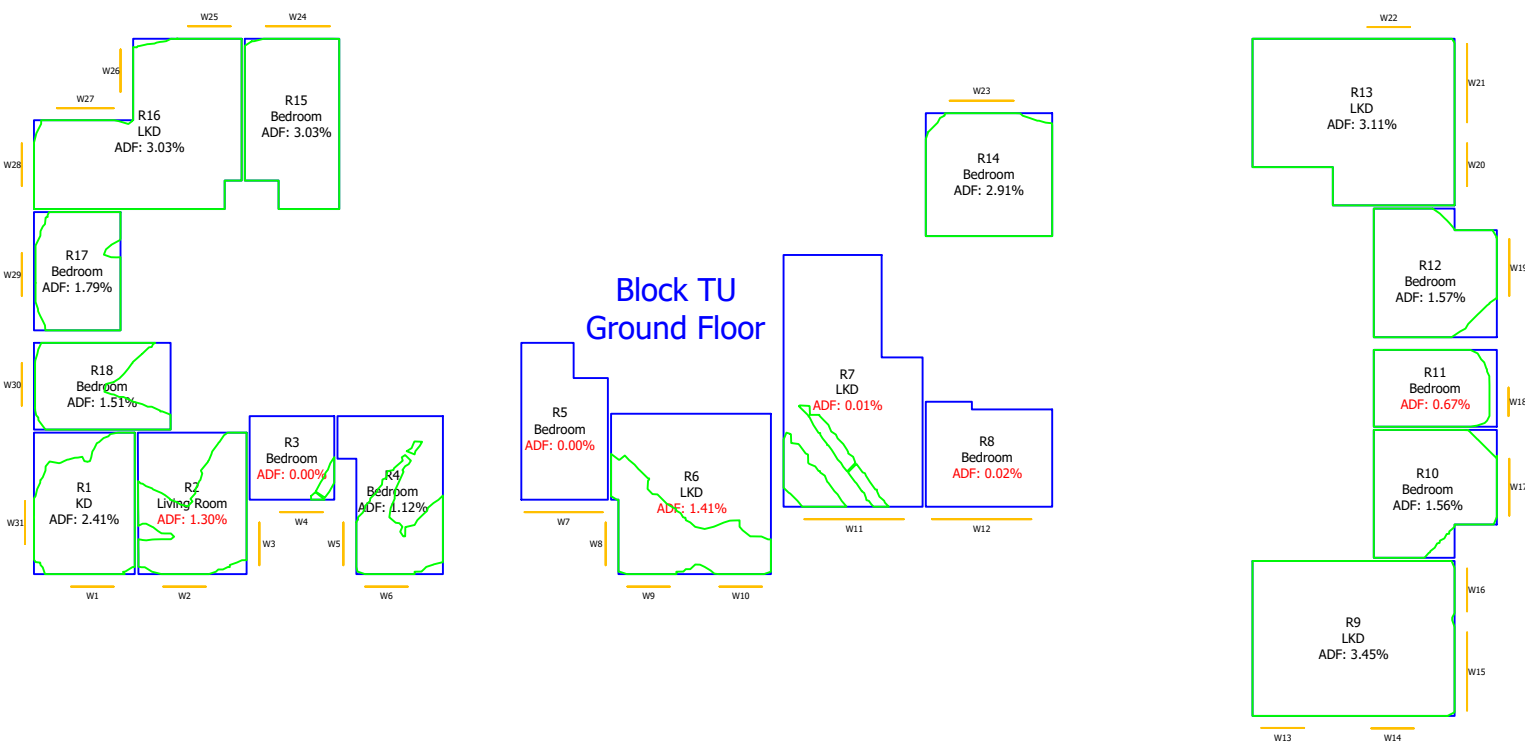
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002429_Ham Close, Richmond_HD_MASTER	002429_Ham Close, Richmond_HD_MASTER	2D scheme freeze drawing pack
		Info received 28 Feb 2022
		3D model

**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/74	<b>Revision</b> -

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**Sources of information**

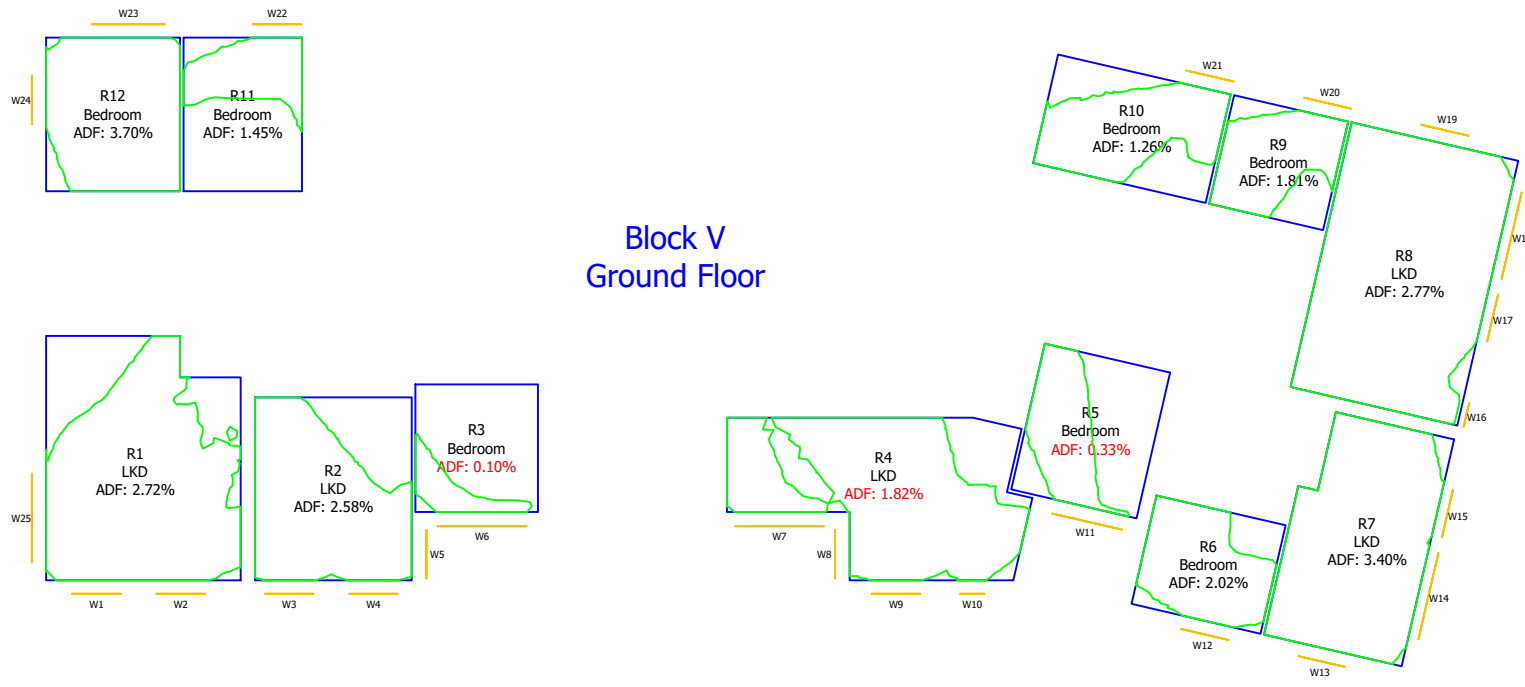
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**Project Name**  
Ham Close, Richmond

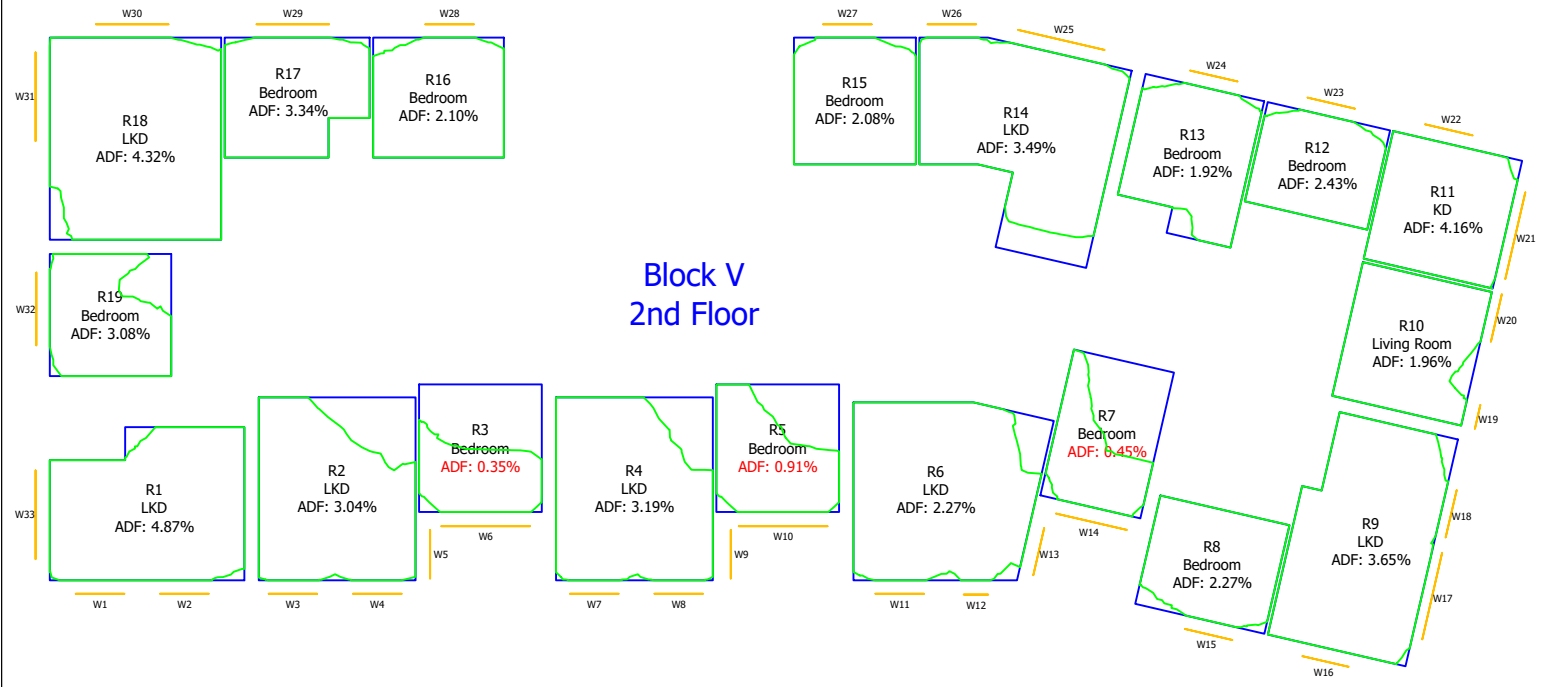
**Drawing Title**  
Daylight Distribution  
Contour Plot

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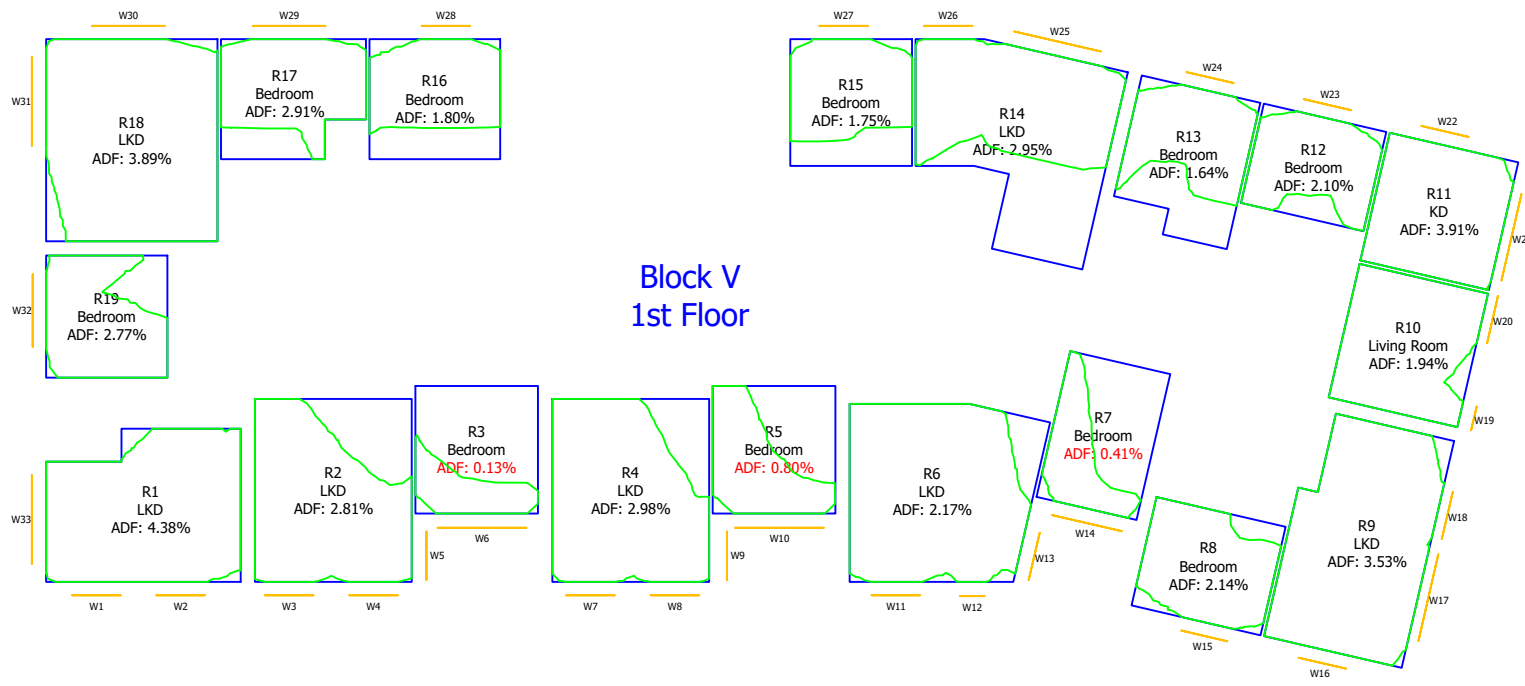




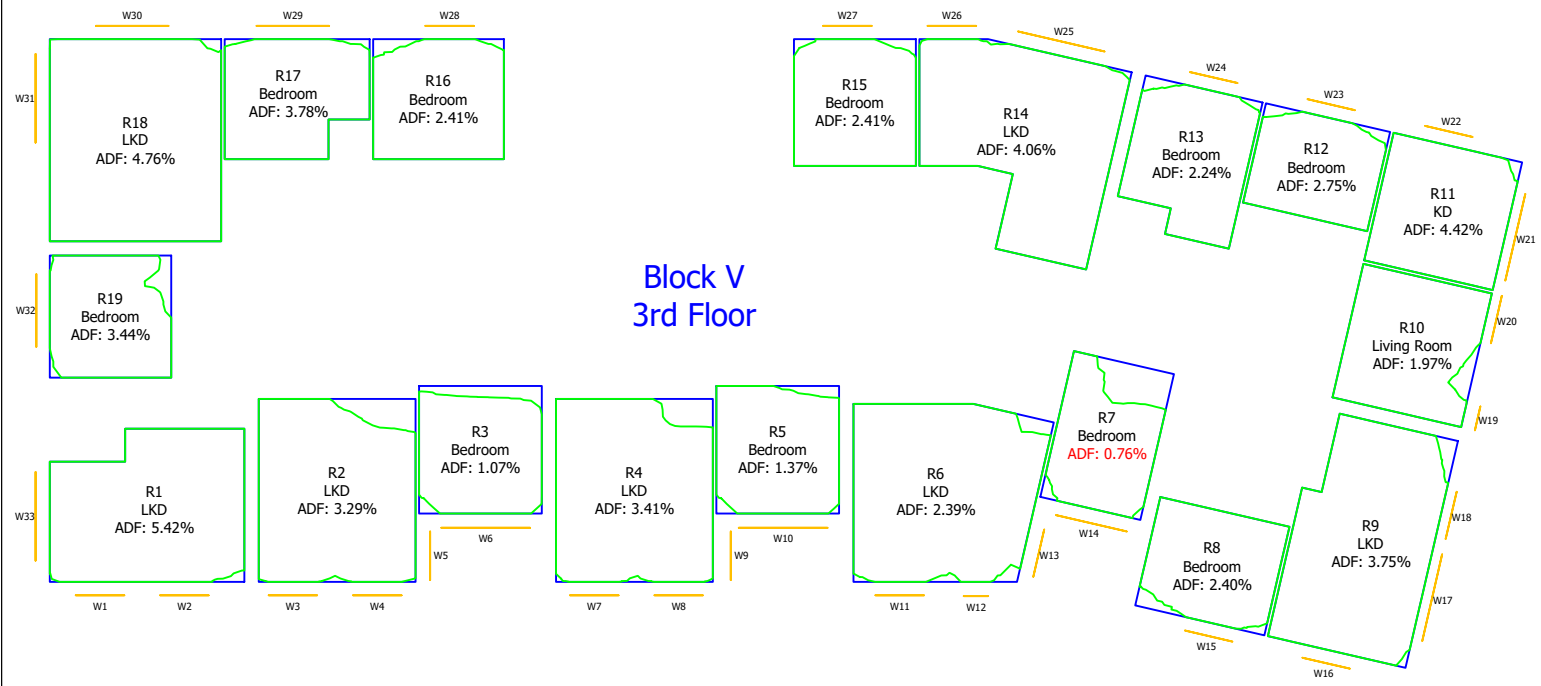
Block V  
Ground Floor



Block V  
2nd Floor

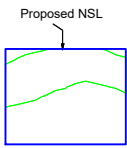


Block V  
1st Floor



Block V  
3rd Floor

Key:



Sources of information

<p><b>Existing building</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Surrounding buildings</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>
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**Project Name**  
Ham Close, Richmond

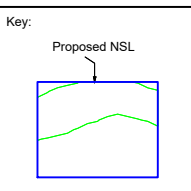
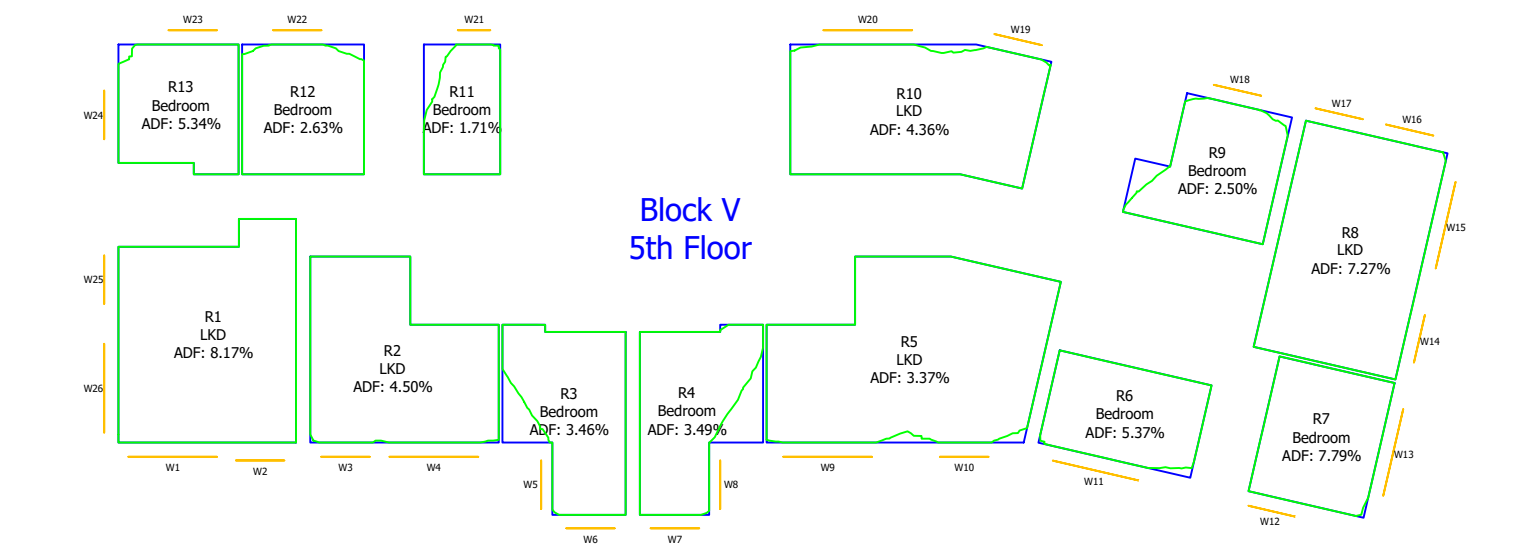
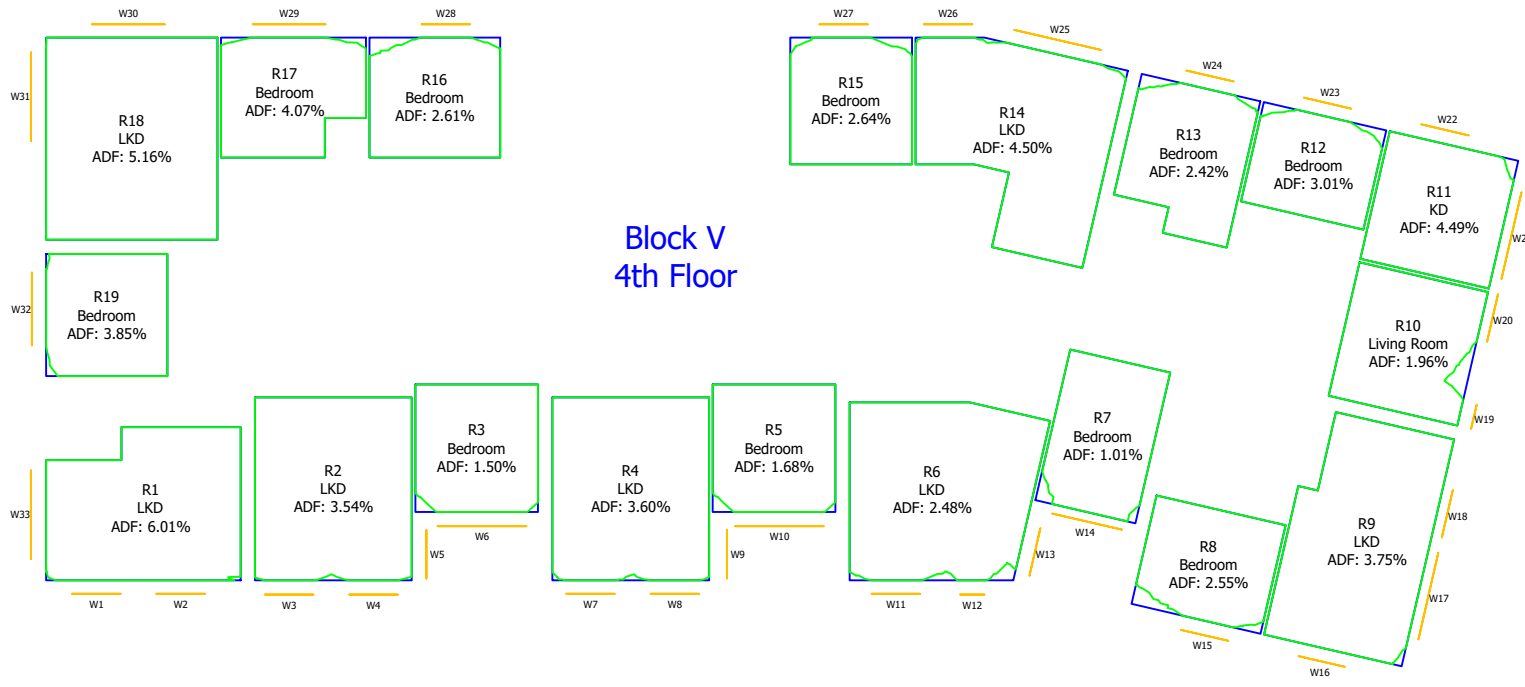
**Drawing Title**  
Daylight Distribution  
Contour Plot

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<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/76	<b>Revision</b> -



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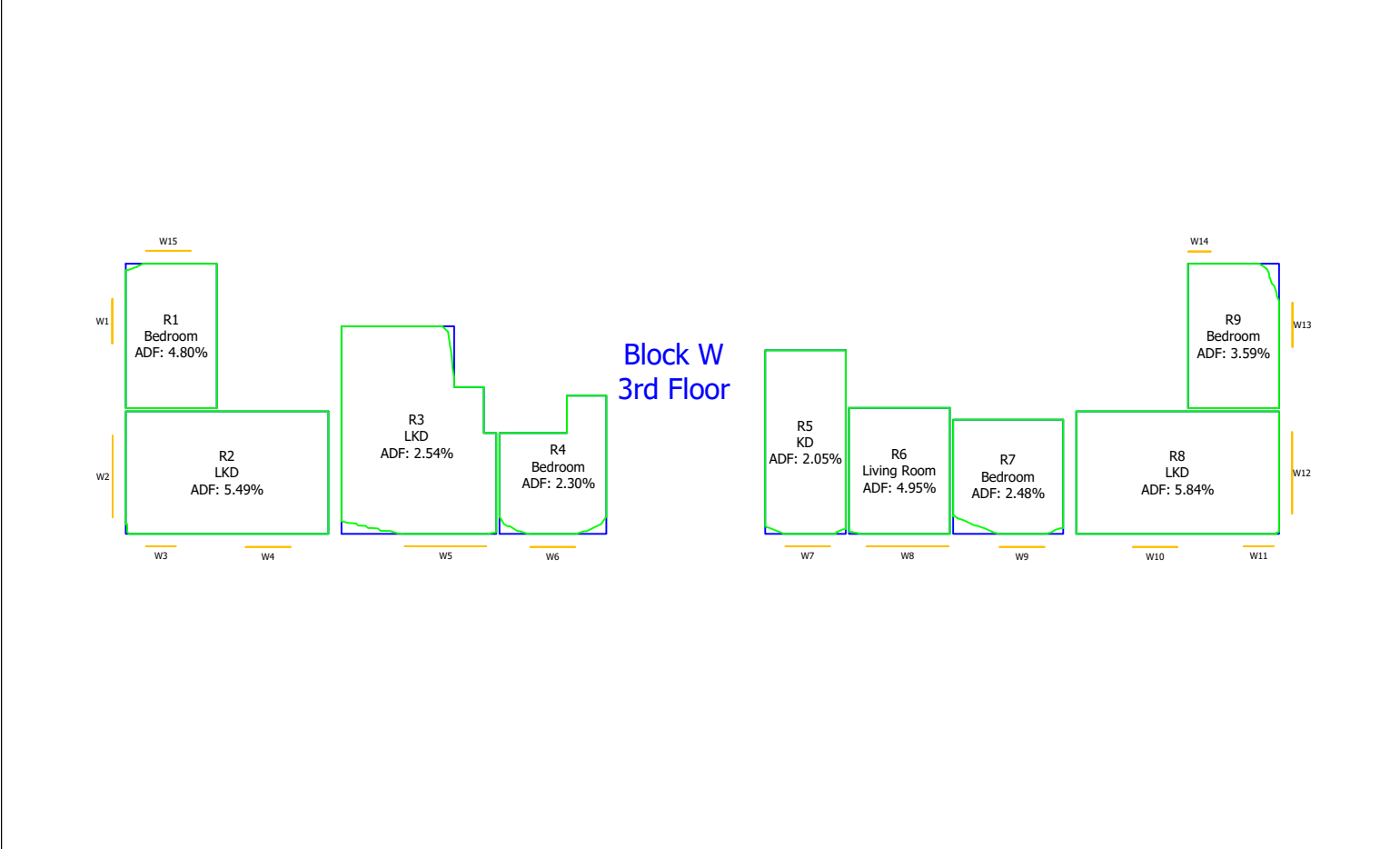
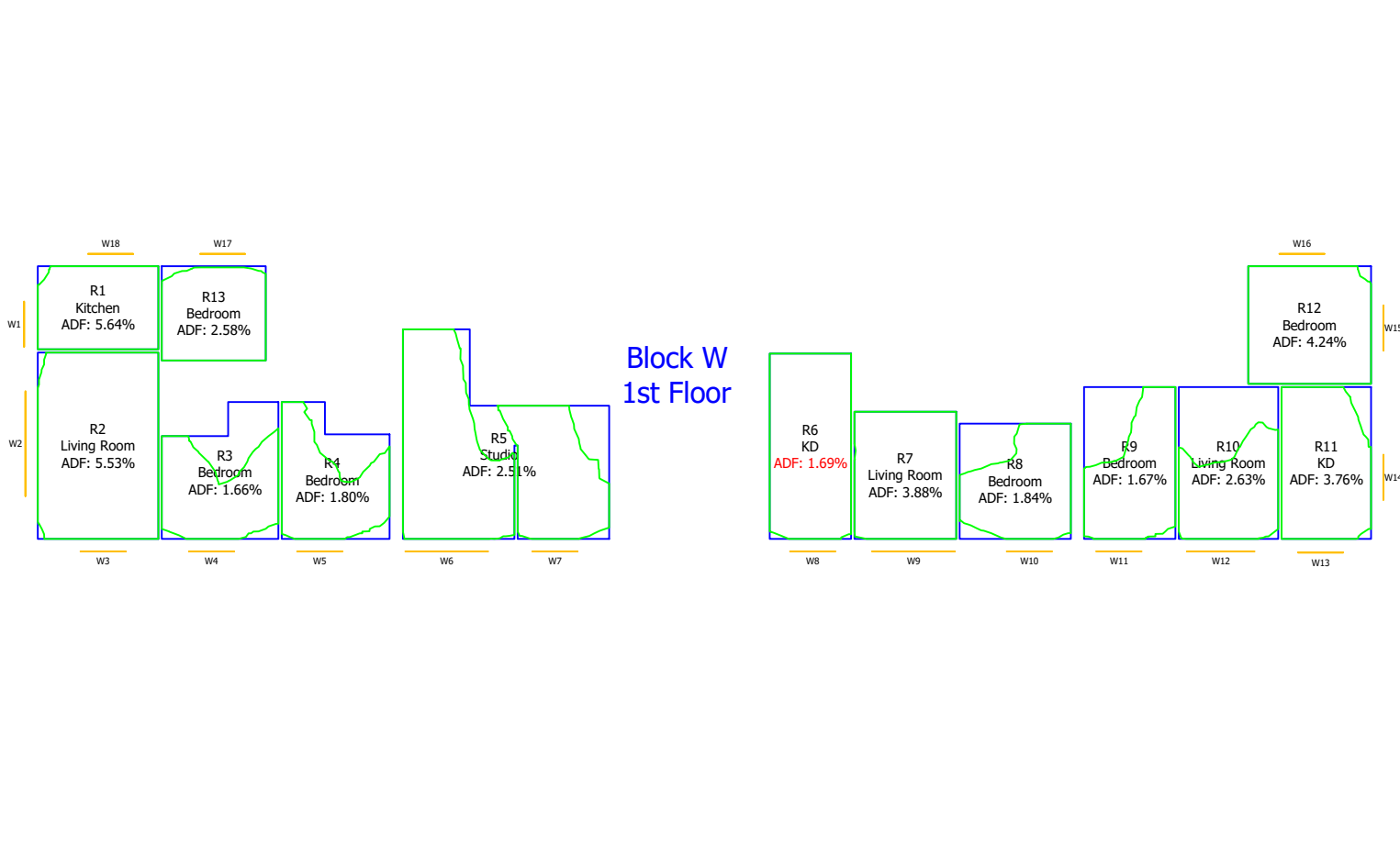
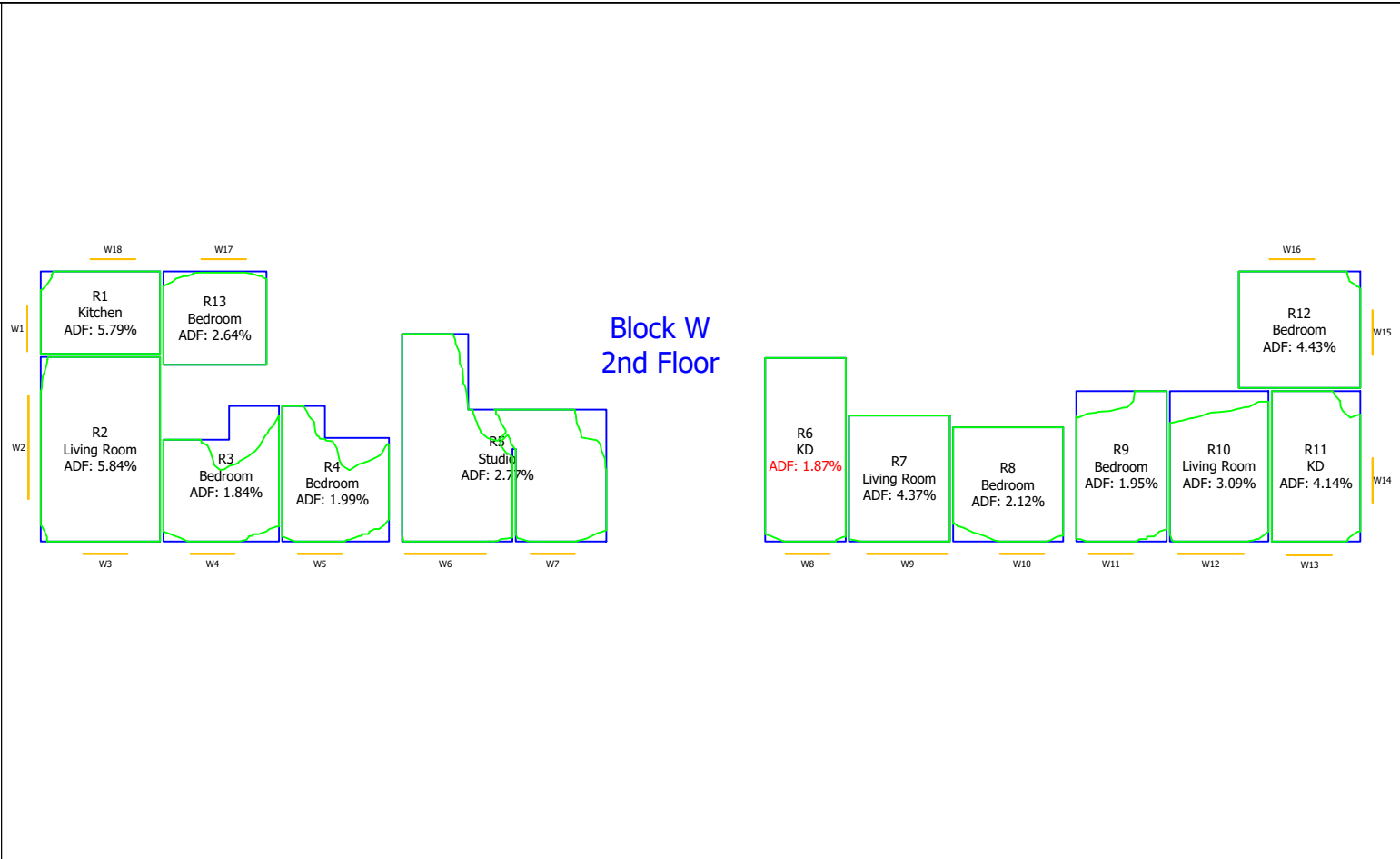
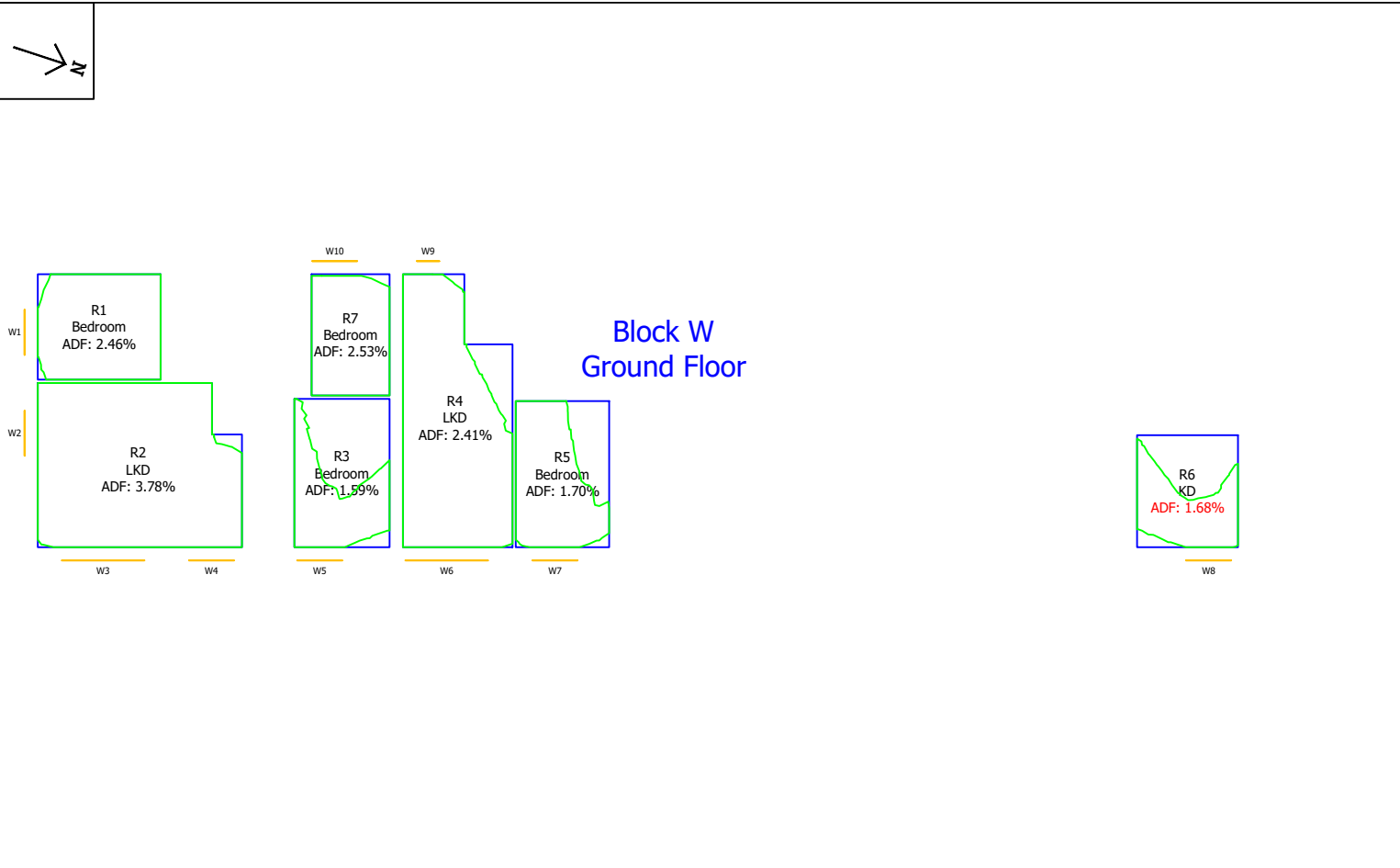
Sources of information		
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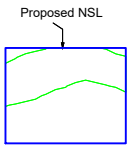
**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/77	<b>Revision</b> -

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Key:  Proposed NSL

**Sources of information**

Existing building Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Surrounding buildings Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Proposed building Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model
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**Project Name**  
Ham Close, Richmond

**Drawing Title**  
Daylight Distribution  
Contour Plot

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/78	<b>Revision</b> -



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# Appendix 10

## Proposed Amenity Spaces Sun Hours on Ground Analysis Plots



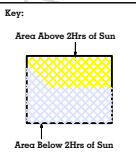
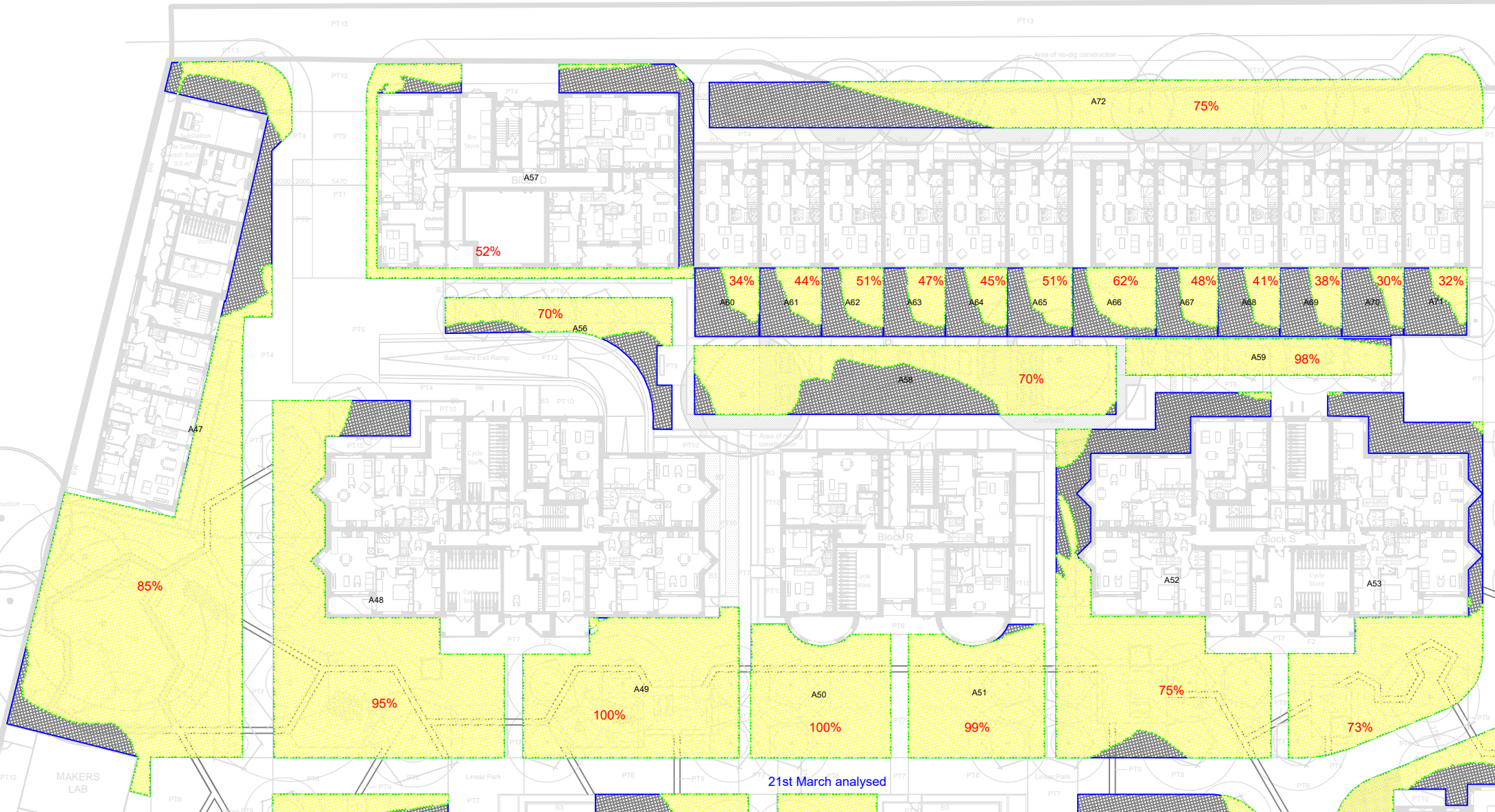
21st March analysed

<p><b>Key:</b></p> <p>Area Above 2hrs of Sun</p> <p>Area Below 2hrs of Sun</p>	<p><b>Sources of information</b></p> <p><b>Existing building</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p> <p><b>Surrounding buildings</b> Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Proposed building</b> Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model</p>	<p><b>Project Name</b> Ham Close, Richmond</p> <p><b>Drawing Title</b> Sunlight amenity analysis 21st March - London setting</p>	<p><b>Drawn By</b> MF</p> <p><b>Project No.</b> HA167_22</p>	<p><b>Scale @ A3</b> -</p> <p><b>Drawing No.</b> Rel 02/100</p>	<p><b>Date</b> March 2022</p> <p><b>Revision</b> -</p>	<p><b>AVISON YOUNG</b></p> <p>65 Gresham Street, London, EC2V 7NQ 08449 02 03 04 www.avisonyoung.co.uk</p>
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WOODVILLE ROAD



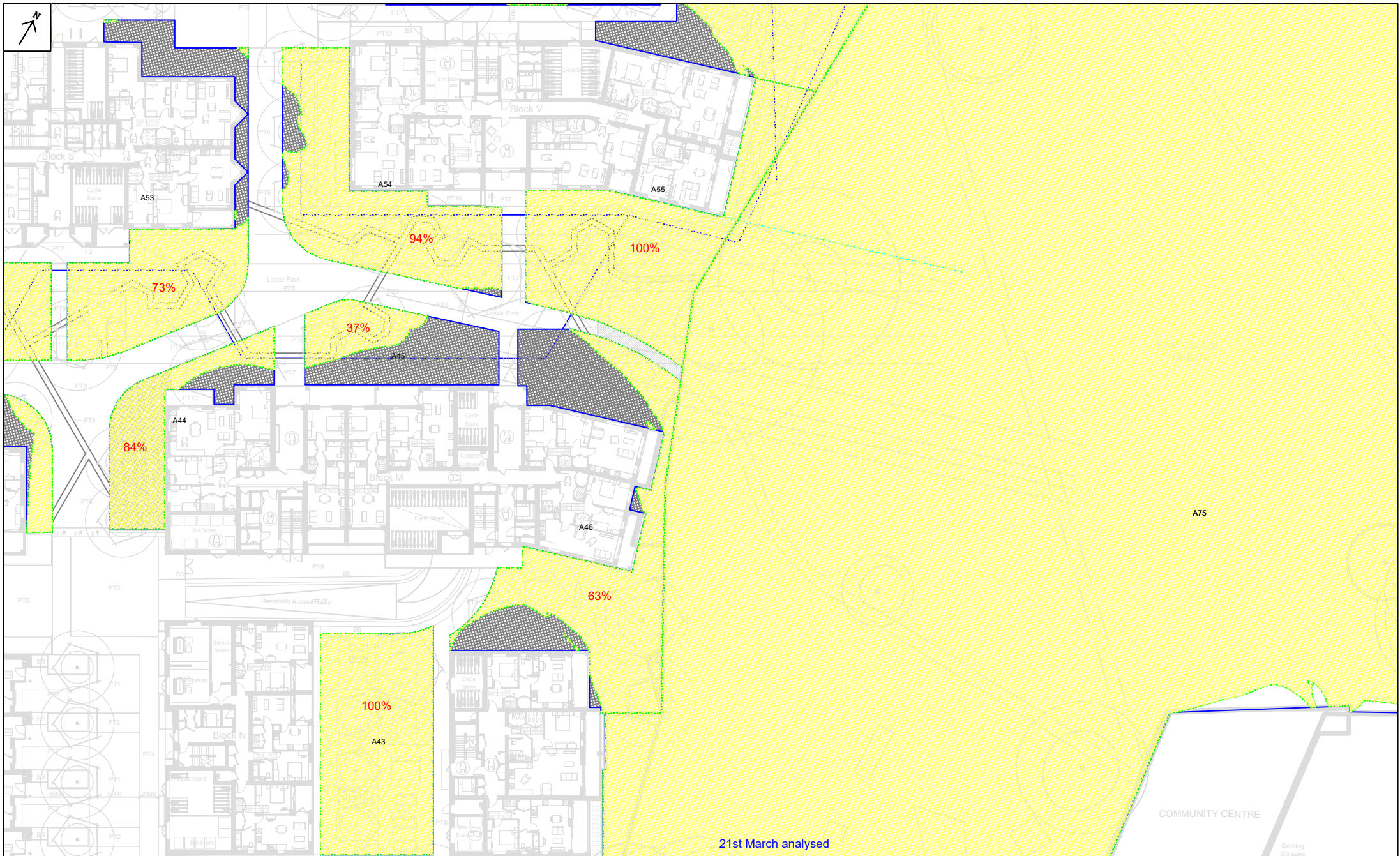
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<b>Project Name</b> Ham Close, Richmond
<b>Drawing Title</b> Sunlight amenity analysis 21st March - London setting

<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/101	<b>Revision</b> -

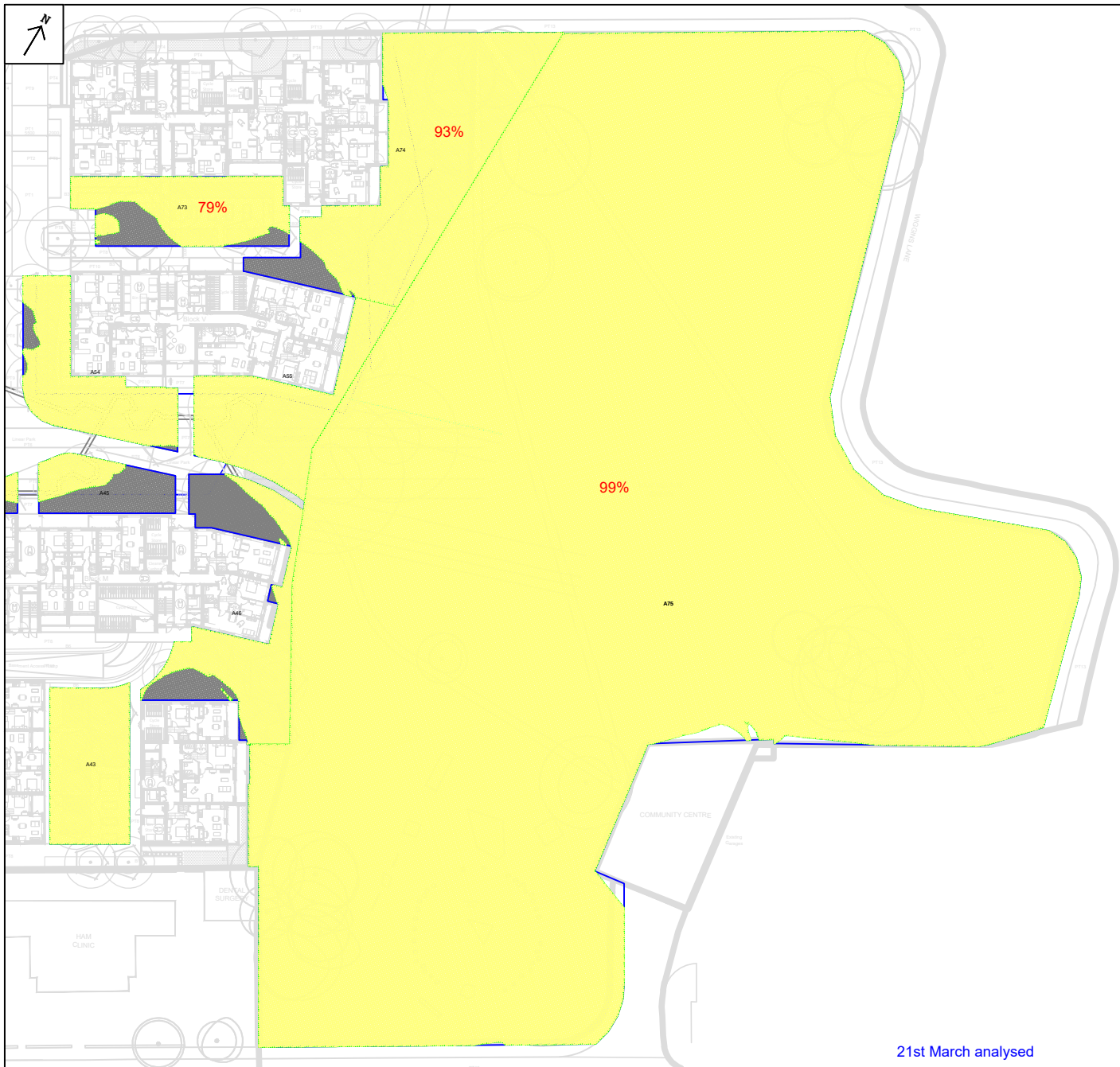
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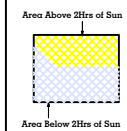
21st March analysed

<p><b>Key:</b></p> <p>Area Above 2hrs of Sun</p> <p>Area Below 2hrs of Sun</p>	<p><b>Sources of information</b></p> <p><b>Existing building</b>          Accuties: 28 Jan 2022          002429_Ham Close, Richmond_HD_MASTER</p> <p><b>Surrounding buildings</b>          Accuties: 28 Jan 2022          002429_Ham Close, Richmond_HD_MASTER</p> <p><b>Proposed building</b>          Info received 25 Feb 2022          2D scheme freeze drawing pack          Info received 28 Feb 2022          3D model</p>	<p><b>Project Name</b> Ham Close, Richmond</p> <p><b>Drawing Title</b> Sunlight amenity analysis 21st March - London setting</p>	<p><b>Drawn By</b> MF</p> <p><b>Project No.</b> HA167_22</p>	<p><b>Scale @ A3</b> -</p> <p><b>Drawing No.</b> Rel 02/102</p>	<p><b>Date</b> March 2022</p> <p><b>Revision</b> -</p>	<p><b>AVISON YOUNG</b></p> <p>65 Gresham Street, London, EC2V 7NQ          08449 02 03 04 www.avisonyoung.co.uk</p>
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21st March analysed

Key:



Sources of information

Existing building

Accuties: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings

Accuties: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building

Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

Project Name

Ham Close, Richmond

Drawing Title

Sunlight amenity analysis  
21st March - London setting

Drawn By

MF

Scale @ A3

-

Date

March 2022

Project No.

HA167\_22

Drawing No.

Rel 02/103

Revision

-

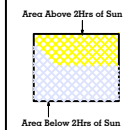


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21st June analysed

Key:



Sources of information

Existing building  
Accuties: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Surrounding buildings  
Accuties: 28 Jan 2022  
002429\_Ham Close, Richmond\_HD\_MASTER

Proposed building  
Info received 25 Feb 2022  
2D scheme freeze drawing pack  
Info received 28 Feb 2022  
3D model

Project Name  
Ham Close, Richmond

Drawing Title  
Sunlight amenity analysis  
21st June - London setting

Drawn By  
MF

Project No.  
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Scale @ A3  
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Drawing No.  
Rel 02/200

Date  
March 2022

Revision  
-

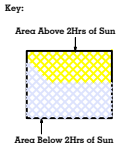
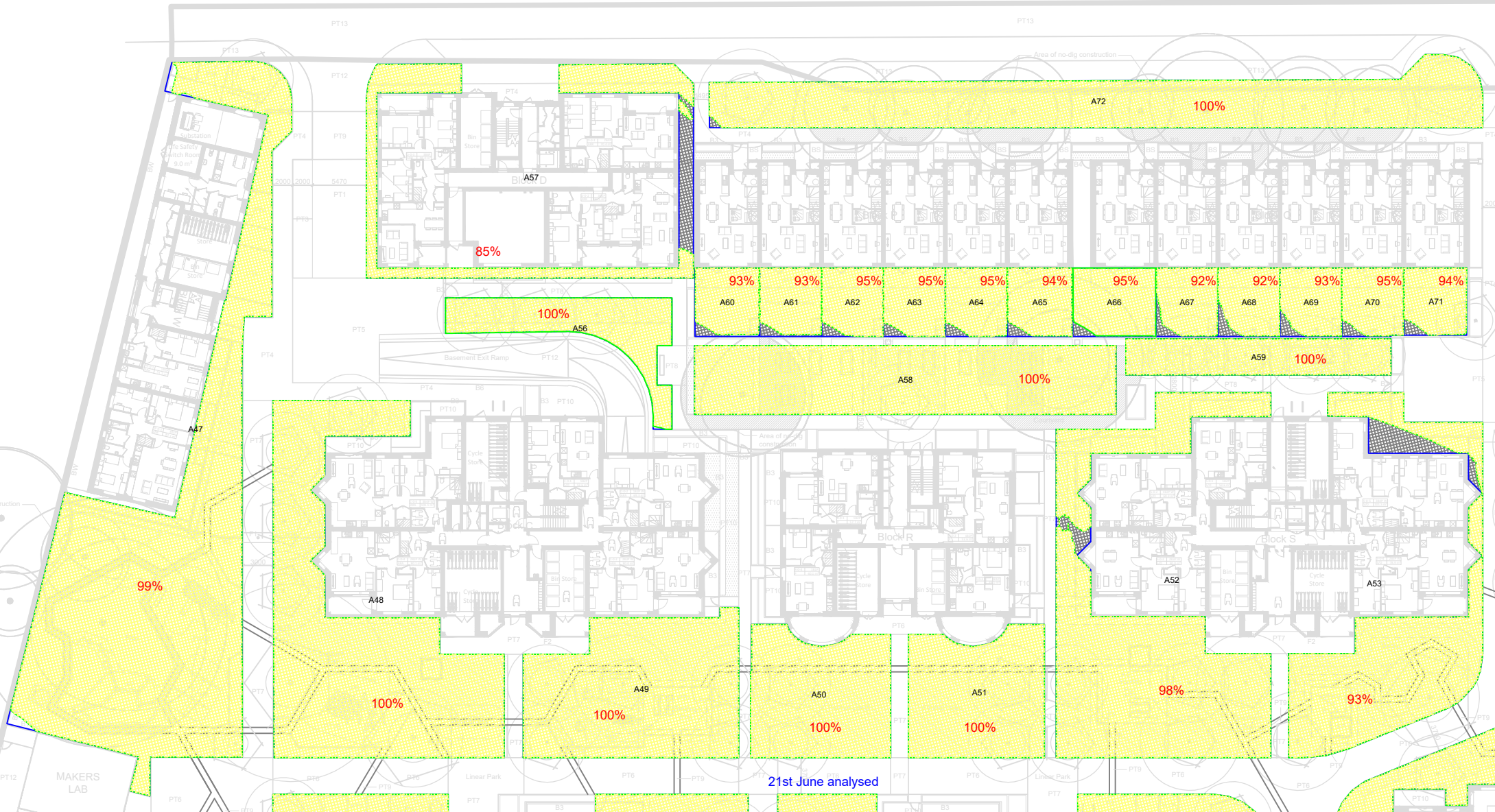


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WOODVILLE ROAD



**Sources of information**

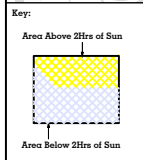
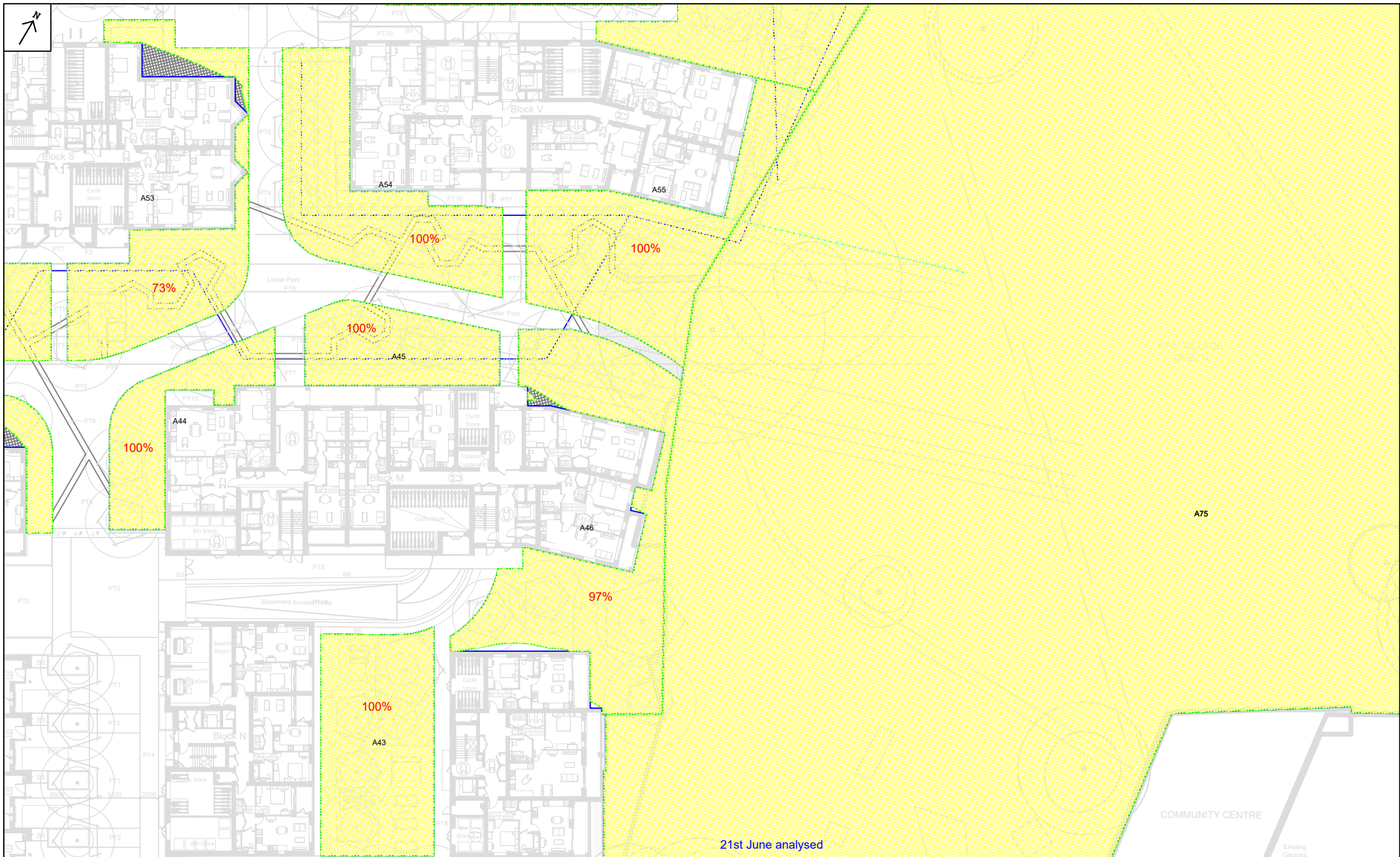
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<b>Project Name</b> Ham Close, Richmond	<b>Drawn By</b> MF	<b>Scale @ A3</b> -	<b>Date</b> March 2022
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<b>Project No.</b> HA167_22	<b>Drawing No.</b> Rel 02/201	<b>Revision</b> -
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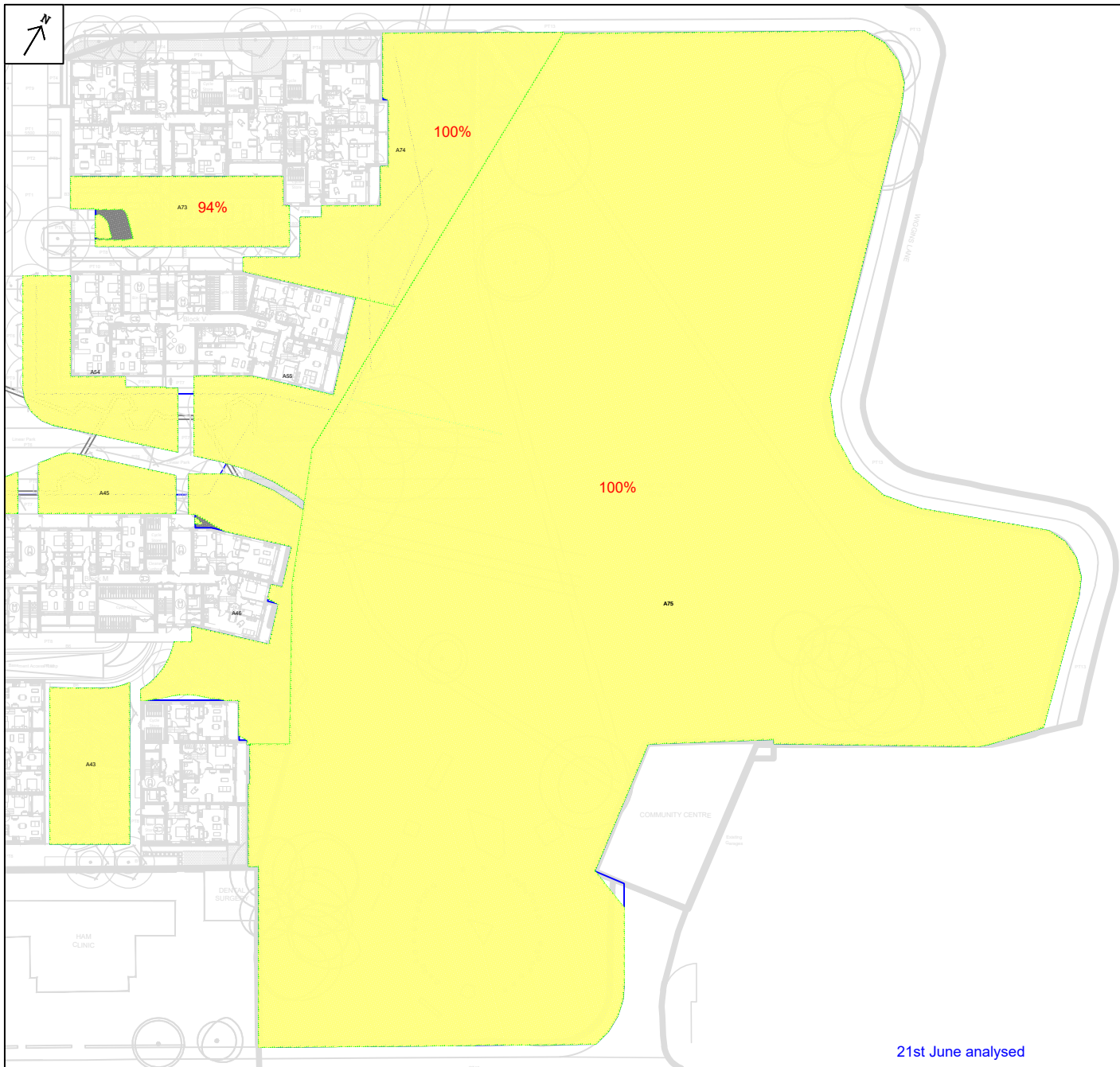
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002429_Ham Close, Richmond_HD_MASTER	002429_Ham Close, Richmond_HD_MASTER	2D scheme freeze drawing pack
		Info received 28 Feb 2022
		3D model

<b>Project Name</b>	Ham Close, Richmond
<b>Drawing Title</b>	Sunlight amenity analysis
<b>21st June - London setting</b>	

<b>Drawn By</b>	MF	<b>Scale @ A3</b>	-	<b>Date</b>	March 2022
<b>Project No.</b>	HA167_22	<b>Drawing No.</b>	Rel 02/202	<b>Revision</b>	-

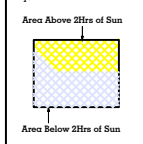
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21st June analysed

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building
Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Accuties: 28 Jan 2022 002429_Ham Close, Richmond_HD_MASTER	Info received 25 Feb 2022 2D scheme freeze drawing pack Info received 28 Feb 2022 3D model

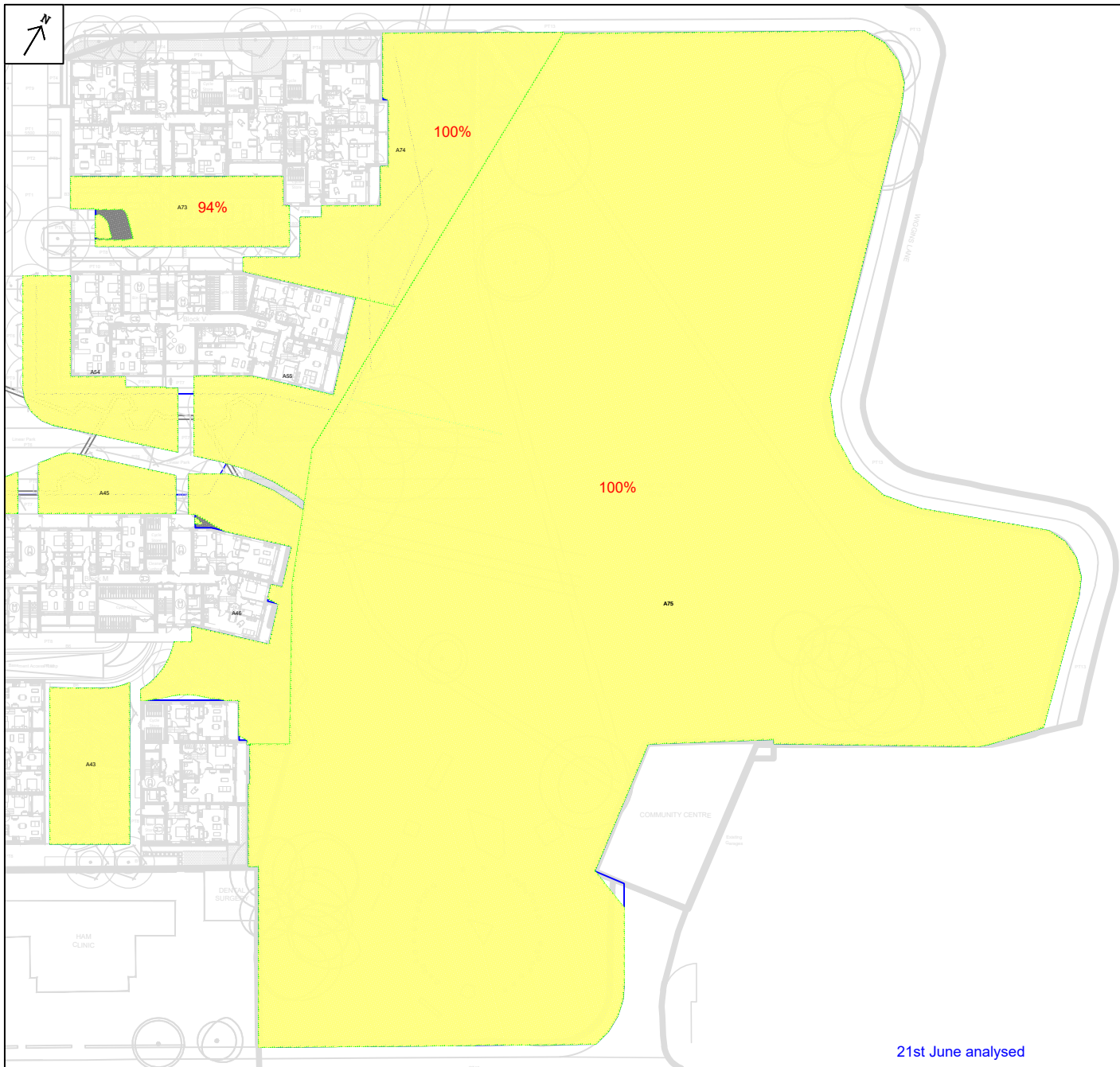
Project Name  
Ham Close, Richmond

Drawing Title  
Sunlight amenity analysis  
21st June - London setting

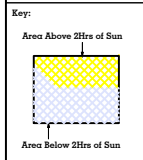
Drawn By MF	Scale @ A3 -	Date March 2022
Project No. HA167_22	Drawing No. Rel 02/203	Revision -



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21st June analysed



Sources of information		
<p><b>Existing building</b></p> <p>Accuties: 28 Jan 2022</p> <p>002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Surrounding buildings</b></p> <p>Accuties: 28 Jan 2022</p> <p>002429_Ham Close, Richmond_HD_MASTER</p>	<p><b>Proposed building</b></p> <p>Info received 25 Feb 2022</p> <p>2D scheme freeze drawing pack</p> <p>Info received 28 Feb 2022</p> <p>3D model</p>

<p><b>Project Name</b></p> <p>Ham Close, Richmond</p>
<p><b>Drawing Title</b></p> <p>Sunlight amenity analysis</p> <p>21st June - London setting</p>

<p><b>Drawn By</b></p> <p>MF</p>	<p><b>Scale @ A3</b></p> <p>-</p>	<p><b>Date</b></p> <p>March 2022</p>
<p><b>Project No.</b></p> <p>HA167_22</p>	<p><b>Drawing No.</b></p> <p>Rel 02/103</p>	<p><b>Revision</b></p> <p>-</p>



# Contact details

## Enquiries

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