

**DAYLIGHT & SUNLIGHT REPORT** 

for

PROPOSED DEVELOPMENT

at

AGAR GROVE ESTATE
PROPOSED AMENDMENTS TO
BLOCK B

REF: CW/DW/ROL00283

May 2022

expertise applied

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Figure 1: Oblique aerial photograph of the pre-development site looking north

(Source: Microsoft Bing)



Figure 2: 3D view of computer model in the proposed condition

#### 1. Introduction

- 1.1 The London Borough of Camden ("the Applicant") were granted planning permission in August 2014 to redevelop the Agar Grove Estate under the Planning Application number 2013/8088/P. The scheme achieved Section 73 consent for Blocks I and JKL in 2020 ref:2019/4280/P. This report is submitted in support of an application seeking amendments to Block B of the consented scheme and the implications of the proposed amendments in terms of daylight and sunlight. The 3D model used in this assessment is based on the 2020 amended consent.
- 1.2 The Agar Grove Estate was constructed by Camden Council in the 1960s and comprises some 249 dwellings arranged as a series of low/medium rise blocks of flats and an 18-storey tower (Lulworth House). This application relates to proposed amendments to Block B which is located in the south-eastern corner of the site and comprises a 7 and 18 storey residential building linked by a central two storey reception area.
- 1.3 In developing the application proposals, the Applicant has been conscious of the need to minimise the impact of the development on the light to neighbouring properties, particularly those with residential content. Accordingly, they instructed Anstey Horne to work with the design team from the outset of the design process so that the effects of the proposed development could be properly understood and, where possible, minimised.
- Anstey Horne has been commissioned to undertake a formal technical assessment of the effect of the proposed development upon the existing surrounding properties, having regard to the recommendations in BRE Report 209, Site Layout Planning for Daylight and Sunlight: A guide to good practice (second edition, 2011).
- Our study has been carried out using 3D computer modelling and our specialist computer simulation software. Our 3D model is shown in Figure 2 on page 1.
  - This report summarises the relevant planning policy, the basic principles of daylighting and sunlighting, the methods used to assess the potential impact of the development, the information used in compiling our 3D computer model and the results of our technical assessment. Drawings and full tables of results of our technical assessment are attached in the appendices.
- The application site is bounded by Agar Grove to the north, Camley Street to the east, a railway track to the south and Agar Place/Wrotham Road on the western boundary.

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The approved development is designed by Hawkins Brown and Mae Architects and comprises the demolition of the existing buildings on the site, with the exception of Lulworth House, Cranbourne House, Ferndown House and the Agar Children's Centre, the creation of new build dwellings and the extension and refurbishment of Lulworth House. The proposed changes to Block B result from changes to the mix of dwellings; the addition of second stair cores to each block; a reduction in overall unit numbers; and changes to the elevations to reflect the internal amendments. The proposed amendment also result in a small adjustment to the position, footprint and massing of the approved scheme.

# 2. QUALIFICATIONS AND EXPERIENCE

- 2.1 Anstey Horne is a firm of Chartered Surveyors regulated by the Royal Institution of Chartered Surveyors. We have a long-standing history of advising developers, neighbours and local planning authorities on the effects of proposed development on daylight and sunlight amenity to existing surrounding buildings and on the interior daylight and sunlight conditions within proposed development.
- 2.2 Anstey Horne's daylighting studies are undertaken using 3D computer modelling and specialist computer software, specifically written for the purposes of carrying out the tests described in BRE Report 209, Site Layout Planning for Daylight and Sunlight: A guide to good practice. Our software has been in use for many years and the technical results have been utilised and accepted by the courts, local planning authorities and other consultants in hundreds of assessments for both common law and town planning purposes.

#### 3. PLANNING POLICY AND GUIDANCE

## **National Planning Policy and Guidance**

- 3.1 The Revised National Planning Policy Framework (February 2021) sets out the Government's planning policies and how these are expected to be applied. It provides a framework within which councils can produce their own local plans that reflect the needs and priorities of their communities.
- 3.2 Chapter 11 'Making effective use of land' states in paragraph 123(c) that:

"Local planning authorities should also take a positive approach to applications for alternative uses of land which is currently developed but not allowed for a specific purpose in plans, where this would help to meet identified development needs. In particular, they should support proposals to: make effective use of sites that provide community services such as schools and hospitals, provided this maintains or improves the quality of service provision and access to open space".

3.3 The Building Research Establishment, whose aims include achieving a higher quality built environment, publish BRE guidelines 209, Site Layout Planning for Daylight and Sunlight: A guide to good practice (second edition, 2011) by PJ Littlefair. This guide gives advice on site layout planning to retain good daylighting and sunlighting in existing surrounding buildings and achieve to it in new buildings. The guide is intended for use by designers, consultants and planning officials and notes that:

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

# **Regional Planning Policy and Guidance**

## Mayor's London Plan

- 3.4 The Mayor of London's 'London Plan The Spatial development for Greater London Strategy' (March 2021) part of the development plan for Greater London, along with local plans of the London boroughs.
- 3.5 Policy D9 Tall Buildings (Environmental Impacts) states that:

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

#### 3. PLANNING POLICY AND GUIDANCE

#### Mayor's Housing Supplementary Planning Guidance

- 3.6 The Mayor of London's 'Housing Supplementary Planning Guidance' (March 2016) provides guidance on how to implement the housing policies in the London Plan.
- 3.7 Part 1 of the SPG covers housing supply and sets out the Mayor's approach to optimising housing output. In relation to the effect on daylight and sunlight to surrounding properties it advises:

"Policy 7.6Bd requires new development to avoid causing 'unacceptable harm' to the amenity of surrounding land and buildings, particularly in relation to privacy and overshadowing and where tall buildings are proposed. An appropriate degree of flexibility needs to be applied when using BRE quidelines<sup>1</sup> to assess the daylight and sunlight impacts of new development on surrounding properties ... Guidelines should be applied sensitively to higher density development, especially in opportunity areas, town centres, large sites and accessible locations, where BRE advice suggests considering the use of alternative targets. This should take into account local circumstances; the need to optimise housing capacity; and scope for the character and form of an area to change over time."

"The degree of harm on adjacent properties ... 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."

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<sup>&</sup>lt;sup>1</sup> BRE Report 209, Site Layout Planning for Daylight and Sunlight: A guide to good practice (second edition, 2011).

# **Local Planning Policy and Guidance**

- 3.8 The development site is located within London Borough of Camden ('LBC').
- 3.9 LBC adopted The Camden Local Plan ('TCLP'), in July 2017. The Local Plan will cover the period from 2016-2031.
- 3.10 LBC's TCLP Policy A1, 'Managing the impact of development on occupiers and neighbours', states: "The Council will seek to protect the quality of life of occupiers and neighbours. We will grant permission for development unless this causes unacceptable harm to amenity. The factors we will consider include: ... f) sunlight, daylight and overshadowing;"
- 3.11 Policy A1 goes on to confirm that: "To assess whether acceptable levels of daylight and sunlight are available to habitable, outdoor amenity and open spaces, the Council will take into account the most recent guidance published by the British Research Establishment's Site Layout Planning for Daylight and Sunlight A Guide to Good Practice (2011)."
- 3.12 LBC has also published additional advice on their planning policies in their Supplementary Planning Documents ('SPD'). The relevant guidance on daylight and sunlight amenity is found within its SPD 'Camden Planning Guidance 2018', under 'CPG Amenity'. It states that: "while we strongly support the aims of the BRE methodology for assessing sunlight and daylight we will consider the outcomes of the assessments flexibility where appropriate, taking into account site specific circumstances and context. For example, to enable new development to respect the existing layout and form in some historic areas, it may be necessary to consider exceptions to the recommendations cited in the BRE guidance. Any exceptions will be assessed on a case-by-case basis."
- 3.13 The Council's Planning Guidance 2021 continues: "The Council notes the intentions of the BRE document is to provide advice to developers and decision makers and therefore it should be regarded as a guide rather than policy."
- 3.14 The guidance also states that: when submitting planning applications for major developments and proposals for new dwellings the applicant is expected to provide daylight and sunlight reports...as a minimum, daylight and sunlight reports should show: the expected daylight and sunlight levels before and after the development is built to enable ease of comparison;"
- 3.15 We confirm that we have undertaken our daylight and sunlight study in accordance with BRE Report 209, Site Layout Planning for Daylight and Sunlight: A guide to good practice (second edition, 2011).

#### 4 BRE METHOD OF ASSESSMENT AND NUMERICAL GUIDELINES

# Daylight to existing surrounding buildings

4.1 Section 2.2 of the BRE Report makes recommendations concerning the impact on daylight to existing buildings. In summary, the BRE report states that:

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

- the VSC [vertical sky component] measured at the centre of an existing main window is less than 27%, and less than 0.8 times its former value; [or]
- the area of the working plane in a room which can receive direct skylight is reduced to less than 0.8 times its former value."
- 4.2 So, where the angle to the horizontal subtended by the new development measured at the centre of the lowest window in an existing surrounding building (the angle of obstruction) is less than 25° (see Figure 3 below), the diffuse daylight to that building is unlikely to be significantly affected and need not be tested.

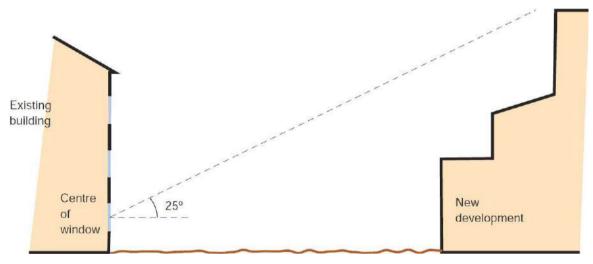


Figure 3 - Section perpendicular to a main window wall of an existing building showing a new development

subtending an angle of less than 25° to the horizontal from the centre of the lowest window. (© BRE Report 209)

- 4.3 Where the obstruction angle is greater than 25°, both of the more detailed daylight tests should be undertaken, namely vertical sky component ('VSC') at the window and daylight distribution on the working plane. For each test the guidelines operate on the general principle that if the amount of daylight is reduced to less than 0.8 times its former value (i.e. there will be more than a 20% loss) the reduction will be noticeable to the building's occupants.
- 4.4 'Noticeable' does not necessarily equate to 'unacceptable' and the BRE's standard target values should not be considered as pass/fail criteria. Ultimately the local planning authority will need to make a judgement as to whether any impacts are acceptable when weighed against the many other planning considerations.
- 4.5 The VSC test measures the amount of skylight available at the centre of a window on the external plane of the window wall. It has a maximum value of almost 40% for a completely unobstructed vertical window wall. If a room has two or more windows of equal size, the mean of their VSCs may be taken. As the VSC calculation takes no account of the size of the window being tested, the size of the room it lights or multiple windows of unequal size, it does not measure light inside the room. It merely measures the potential conditions in the room. The VSC results can therefore be potentially misleading if considered in isolation and should be read in conjunction with those of the second test-daylight distribution.
- 4.6 The daylight distribution test calculates the area of the working plane inside a room that will have a direct view of the sky. This is done by plotting the no-sky line, i.e. the line on the working plane that divides those areas that receive direct skylight from those that do not, as shown in Figure 4 below.

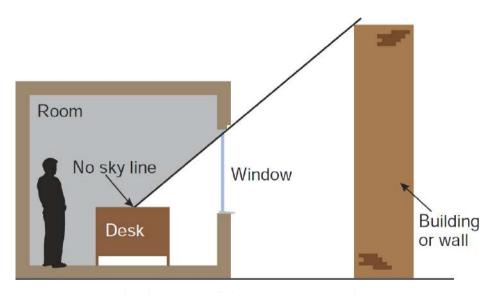


Figure 4 - The no-sky line divides areas of the working plan which can and cannot receive direct skylight.

(© BRE Report 209)

- 4.7 One benefit of the daylight distribution test is that the resulting contour plans show where the light falls within a room, both in the existing and proposed conditions, and a judgement may be made as to whether the room will retain light to a reasonable depth.
- 4.8 The BRE guidelines are intended for use for rooms in adjoining dwellings. They may also be applied to any existing non-domestic buildings where the occupants have a reasonable expectation of daylight, which could include schools, hospitals, hotels and offices. For dwellings it states that living rooms, dining rooms and kitchens should be assessed. Bedrooms should also be checked, although it states that they are less important. Other rooms, such as bathrooms, toilets, storerooms, circulation areas and garages need not be assessed.

#### Sunlight to existing surrounding buildings

4.9 Section 3.2 of the BRE Report makes recommendations concerning the impact on sunlight to existing dwellings or non-domestic buildings where there is a particular requirement for sunlight. The guide notes at paragraph 3.2.1 that:

"obstruction to sunlight may become an issue if:

- some part of a new development is situated within 90° of due south of a main window wall of an existing building; and
- in the section drawn perpendicular to the existing window wall, the new development subtends an angle greater than 25° to the horizontal measured from the centre of the lowest window to a main living room."
- 4.10 If these angle criteria are not met, the guide recommends a more detailed check to calculate the impact of the proposed development on the available sunlight.
- 4.11 The guide suggests:

"all main living rooms of dwellings, and conservatories, should be checked if they have a window facing within 90° of due south. Kitchens and bedrooms are less important, although care should be taken not to block too much sun. In non-domestic buildings any spaces which are deemed to have a special requirement for sunlight should be checked; they will normally face within 90° of due south anyway." (BRE paragraph 3.2.3)

4.12 The available sunlight is measured in terms of the percentage of annual probable sunlight hours ('APSH') at the centre point of the window. 'Probable sunlight hours' is defined as:

"the long-term average of the total number of hours during a year in which direct sunlight reaches the unobstructed ground (when clouds are taken into account)."

4.13 Paragraph 3.2.11 of the BRE Report summarises its sunlight guidance as follows:

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

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

# Sunlight to existing surrounding gardens and open spaces

- 4.14 Section 3.3 of the BRE Report makes recommendations concerning the impact of proposed development on sunlight to open spaces between buildings, such as main back gardens of houses, allotments, parks and playing fields, children's playgrounds, outdoor swimming pools, sitting-out areas, such as in public squares and focal points for views, such as a group of monuments or fountains. The guide recommends that the level of overshadowing on such areas should be checked on the equinox (21 March).
- 4.15 The BRE Report recognises that each of these spaces has different sunlighting requirements and that it is difficult to suggest a hard and fast rule. It recommends that at least half of the amenity area should receive at least two hours of sunlight on the equinox on 21 March.
- 4.16 When assessing the impact of a proposed development on the level of overshadowing of an existing open amenity, the BRE guide recommends that:
  - "if, as a result of new development the area which can receive two hours of direct sunlight on 21 March is reduced to less than 0.8 times its former size, this further loss of sunlight is significant. The garden or amenity area will tend to look more heavily overshadowed".
- 4.17 Sunlight at an altitude of 10° or less does not count, because it is likely to be blocked by planting anyway. Driveways and hard standing for cars is usually left out of the area calculation. Around housing, front gardens which are relatively small and visible from public footpaths can be omitted with only main back gardens needing to be analysed.
- 4.18 Fences or walls less than 1.5 metres high can be ignored. The guide notes that:

"normally, trees and shrubs need not be included, partly because their shapes are almost impossible to predict, and partly because the dappled shade of a tree is more pleasant than a deep shadow of a building".

This is especially the case for deciduous trees, which provide welcome shade in the summer whilst allowing sunlight to penetrate during the winter months.

4.19 Paragraph 3.3.13 of the BRE guide notes that:

"where a large building is proposed which may affect a number of gardens or open spaces, it is often illustrative to plot a shadow plan showing the location of shadows at different times of day and year".

# **Computer simulation**

- 4.20 Appendix A of the BRE guide describes a method for calculating VSC and APSH using various indicator templates and Appendix D shows how the no-sky line may be plotted inside a room. Where the obstructions on the skyline are complex these manual methods can be difficult to apply and the results can be crude. We therefore prefer to use computer simulation and our specialist software, which is based on the more accurate Waldram method, which is described in Appendix B of the BRE guide.
- 4.21 The information upon which our computer model was based is explained in the section 6 of this report.

#### 5. APPLICATION OF BRE GUIDELINES

## Flexible application of the guidelines

- 5.1 In its introduction the BRE Report 209 (second edition, 2011) states:
  - (Its) "main aim is ... to help to ensure good conditions in the local environment, considered broadly, with enough sunlight and daylight on or between buildings for good interior and exterior conditions." (BRE paragraph 1.5)
  - "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 designer." (BRE paragraph 1.6)
  - "Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design." (BRE paragraph 1.6)
- 5.2 Clearly, the BRE guide is an advisory document, not a rigid set of rules. Care must therefore be taken to apply its recommendations in a manner fitting to the location of the proposed development.

# **Alternative target values**

5.3 In theory the BRE report's numerical guidelines may be applied to any setting, whether that is a city centre, suburban area or rural village. However, it notes:

"In special circumstances the developer or planning authority may wish to use different target values. For example, in a historic city centre, or in an area with modern high rise buildings, a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings... The calculation methods ... are entirely flexible in this respect." (BRE paragraph 1.6)

5.4 At paragraph 2.2.3 the guide states:

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

- 5.5 Appendix F of the BRE Guide gives advice on setting alternative target values for skylight access. At page 62 it states:
  - "different targets may be used, based on the special requirements of the proposed development or its location".
- 5.6 Furthermore, as noted at paragraph 3.8 above, the Mayor of London's *Housing Supplementary Planning Guidance* emphasises that fully optimising housing potential on large sites may necessitate departure from conventional guidelines and the adoption of alternative target values.
- 5.7 Clearly, rigid application of the numerical guidelines could well give rise to an inappropriate answer and form of development for city centre sites, in which case it may be appropriate to adopt lower target values that are more appropriate to the location concerned.

#### Proximity of neighbouring building to the boundary

5.8 The BRE guide permits the reasonableness or otherwise of the distance of the neighbouring building from the boundary to be taken into account. At paragraph 2.2.3 it states:

"Another important issue is whether the existing building is itself a good neighbour, standing a reasonable distance from the boundary and taking no more than its fair share of light".

# **Interpretation of relative impacts**

5.9 Except where the BRE guide's specified minimum values will be retained in the proposed condition (see paragraphs 4.1, 4.14 and 4.16 above), the guide advises that a loss of light will be noticeable if the amount retained will be less than 0.8 times its former value. (We refer to this as the 'BRE 0.8 guideline'.) Care must be taken when interpreting the 'relative impact' figures (in the columns marked "factor of former value" in the tables of results), because where an existing value is low even a small reduction in real terms can manifest itself as a large relative impact. For example a reduction from 6% VSC to 3% VSC will appear as a reduction to 0.5 times its former value, and is therefore a transgression of the guidelines in theory, but in reality a loss of 3% VSC is very small and would be barely perceptible.

5.10 When the BRE launched the second edition of their guidelines in 2011, they cited the above logic as the reason for introducing the third tier to their sunlight criteria, as referred to in paragraph 4.14 above, namely that sunlight will be adversely affected where it is reduced below 25% APSH annually or 5% APSH in winter and to less than 0.8 times its former value and where the reduction annually is greater than 4% APSH.

# Balconies, projecting wings and other self-obstructing projections

5.11 The BRE guide acknowledges that balconies and projecting wings to existing neighbouring buildings artificially limit the available daylight and sunlight and, as a consequence, larger relative reductions in light may be unavoidable. More specifically it states:

"Existing windows with balconies above them typically receive less daylight. Because the balcony cuts out light from the top part of the sky, even a modest obstruction opposite may result in a large relative impact on the VSC, and on the area receiving direct skylight. One way to demonstrate this would be to carry out an additional calculation of the VSC and area receiving direct skylight, for both the existing and proposed situations, without the balcony in place. For example, if the proposed VSC with the balcony was under 0.8 times the existing value with the balcony, but the same ratio for the values without the balcony was well over 0.8, this would show that the presence of the balcony, rather than the size of the new obstruction, was the main factor in the relative loss of light." (BRE paragraph 2.2.11)

"A larger relative reduction in VSC may also be unavoidable if the existing window has projecting wings on one or both sides of it, or is recessed into the building so that it is obstructed on both sides as well as above." (BRE paragraph 2.2.12)

"Balconies and overhangs above an existing window tend to block sunlight, especially in summer. Even a modest obstruction opposite may result in a large relative impact on the sunlight received. One way to demonstrate this would be to carry out an additional calculation of the APSH, for both the existing and proposed situations, without the balcony in place. For example, if the proposed APSH with the balcony was under 0.8 times the existing value with the balcony, but the same ratio for the values without the balcony was well over 0.8, this would show that the presence of the balcony, rather than the size of the new obstruction, was the main factor in the relative loss of sunlight." (BRE paragraph 3.2.9)

5.12 Clearly, where windows are inset or self-obstructed by balconies or other projections they will be unusually sensitive to changes in massing opposite and transgressions of the BRE's default numerical guidelines are more likely to arise. In such circumstances flexible application of the guidelines is very important.

# **Deep rooms**

5.13 The BRE guide advises that light penetration into deep rooms lit from one side only may be unavoidably affected. At paragraph 2.2.10 it states

"The guidelines ... need to be applied sensibly and flexibly. There is little point in designing tiny gaps in the roof lines of new development in order to safeguard no sky lines in existing buildings. If an existing building contains rooms lit from one side only and greater than 5 m deep, then a greater movement of the no sky line may be unavoidable."

#### 6 INFORMATION USED IN THE TECHNICAL STUDY

6.1 In order to carry out the tests recommended in the BRE Report, we commenced by building a 3D computer model of the existing buildings on the site, the existing surrounding buildings to be studied, other relevant background massing and the proposed scheme. The computer model is illustrated on the drawings at Appendix A and is based on the information listed below.

# Proposed scheme:

 Hawkins Brown Architects' and MAE Architects' 3D computer models and GA drawings of the proposed Block B & B1.

# Existing building on the site and existing surrounding buildings:

- Hawkins Brown Architects' and MAE Architects' drawings for the surrounding consented blocks
- Hawkins Brown Architects' and MAE Architects' Sketch Up model received
   20/05/2022
- OS map
- Aerial photography from Microsoft Bing
- Site visits and photographs
- 6.2 We completed updated planning research in April 2022, no changes from the previous search were discovered therefore the research we used for the basis of our assessment in August 2019 remains valid.
- 6.3 Where plans of the existing surrounding buildings were not available we estimated the internal arrangements and room uses based on an external inspection. Where we have had to estimate internal arrangements and room uses, this has no bearing upon the tests for VSC or APSH because the reference point is at the centre of the window. It is relevant to the daylight distribution assessment, but in the absence of suitable plans, estimation is a conventional approach.

7

#### SCOPE OF TECHNICAL STUDY

- 7.1 In our experience local planning authorities are usually only concerned with the impact on dwellings and, perhaps, schools, hospitals and nursing homes. This is the basis on which we have scoped our technical study.
- 7.2 Having regard to the preliminary 25°-line test and orientation test recommended in the BRE Report, as explained above in paragraphs 4.1 to 4.3 and 4.10, we have calculated the impact of the proposed development on the daylight and sunlight levels to relevant rooms in the following existing surrounding buildings:

Table 1 - Scope of assessments

Properties	Daylight	Sunlight
1 to 25 Agar Grove	Yes	Yes
Cranbourne House	Yes	Yes
Ferndown House	Yes	Yes
216-230 Barker Drive	Yes	No
200-214 Barker Drive	Yes	No
184-198 Barker Drive	Yes	No
168-182 Barker Drive	Yes	No
144-158 Barker Drive	Yes	No
120-144 Barker Drive	Yes	No
Agar Community Nursery	Yes	Yes

- 7.3 We have only tested the impact on the main rooms in each property, as advised in the BRE guidelines. It is not necessary to test staircases, hallways, bathrooms, toilets etc.
- 7.4 Each of the existing surrounding buildings tested is shown labelled on the plan views of the computer model on our drawings at Appendix A of this report.
- 7.5 The daylight distribution contour plans at Appendix E show the window positions and room layouts that have been tested in each of the buildings concerned.

- 7.6 Where we have tested all adjoining properties listed above for ADF using the following assumptions for glazing transmittance and internal reflectance:
  - Double Glazed window units Transmittance = 0.68
  - Single Glazed window units Transmittance = 0.64
  - Internal Reflectance = 0.5 (cream ceiling, cream walls, light coloured floor)
- 7.7 We have calculated the impact of the proposed development on sunlight on 21 March to the gardens/open spaces within the proposed development and the rear gardens to Cranbourne House. The locations of these spaces and the proportion of each that receives at least two hours of sunlight on 21 March in the existing and proposed conditions are shown on our drawing(s) at Appendix F.

#### 8. IMPACT UPON SURROUNDING PROPERTIES

- 8.1 In this section of our report we set out our analysis of the results of our impact study under the headings of daylight and sunlight. For each element we will provide commentary on the results taking each property, or groups of properties, in turn.
- 8.2 To re-cap briefly on the assessment criteria explained in section 5, each of the tests is run in the existing and proposed condition so that the daylight and sunlight levels before and after development are quantified and the relative change is determined. Except where the BRE guide's specified minimum values will be retained in the proposed condition, it advises that a loss of light will be noticeable if the amount retained will be less than 0.8 times its former value (the "BRE 0.8 guideline").

#### Daylight and Sunlight to existing surrounding buildings

- 8.3 The numerical results of the vertical sky component ('VSC') test are tabulated at Appendix B. For the daylight distribution test, numerical results are tabulated at Appendix C and no-sky contour plans are shown on our drawings at Appendix E. On the plans, the area of the room with a view of sky in the proposed condition is enclosed by the red contour and in the existing condition by the green contour. Where there will be no effect on the no-sky contour the red contour sits on top of the green one and only the red contour is visible. Where there will be a change, the areas of the room that will either lose or gain a view of sky are cross-hatched black.
- 8.4 The numerical results of the percentage of annual probable sunlight hours ('APSH') test are tabulated at Appendix D. Only those buildings identified by application of the BRE guide's preliminary 25° line test and orientation test, as explained above, have been tested.

# 1 & 3 Agar Grove:

- 8.5 These semi-detached properties are located directly to the north of the Agar Grove Estate and have accommodation between basement and second floors with the second floor set back within the eaves. Room layouts have been taken from drawings obtained from Camden's planning records.
- 8.6 The VSC results confirm all of the windows assessed between basement and second floor retain between 0.69 and 0.76 times the former VSC value, when comparing to the consented scheme, the numerical values have slightly reduced between the basement and second floor which previously retained between 0.70 and 0.79 times the former VSC value, so close to the target of 0.8%.

In this instance it can be seen, when comparing the existing and proposed massing on drawings at Appendix A, that in the existing condition these properties have a relatively open aspect compared to the prevailing townscape and therefore the introduction of any meaningful massing on this site is likely to have an effect which does not fully meet the targets in the BRE Guide. What is important to note is that the retained VSC values in the proposed condition would be more than 22% VSC at basement level, and more than 24% VSC at ground floor level, w7hich are good for an urban location.

- 8.7 The DD results confirm 6 out of 8 rooms assessed will retain in excess of 0.8 times the former DD value with the exception of rooms R2/79 at basement level and R3/82 at second floor level to No. 1 Agar Grove. They retain 0.72 and 0.74 times their former daylit area respectively. In comparison to the consented scheme, these impacts slightly alter from the former retained values of 0.73 and 0.74 times their former value. What should be noted is that at second floor level, the windows to the rooms are small and set within dormers which limit the amount of daylight entering the room.
- 8.8 When one considers the DD and retained VSC values to these properties the results indicate that these properties will remain well-lit for the urban setting.
- 8.9 The APSH results confirm that all windows would retain considerably more than 25% total APSH including at least 5% APSH during the winter months, so the recommendations of the BRE Guide will be met. The APSH results in comparison to the consented scheme have not changed in terms of meeting the BRE Guidelines.
- 8.10 Overall, the daylight and sunlight impact to these properties are comparable with the consented scheme results.

#### 5 & 7 Agar Grove:

8.11 These semi-detached properties are located directly to the north of the Agar Grove Estate and have accommodation between basement and second floors with the second floor set back within the eaves. Room layouts have been taken from drawings obtained from Camden's planning records.

- 8.12 The VSC results confirm that all of the windows assessed retain between 0.68 and 0.77 times their former VSC value with retained VSC values between 22% and 27% VSC. In absolute terms, the impacts are greater when comparing the impacts to the consented scheme which achieved retained values between 0.70 and 0.79. Like 1 & 3 Agar Grove the existing built development opposite 5 & 7 is limited, so the introduction of any meaningful massing on the site is likely to have an effect which does not meet the targets in the BRE Guide. However, the retained VSC values demonstrate that these properties retain the potential for good daylighting in the proposed conditions.
- 8.13 The DD results confirm that 3 out of 4 rooms tested to 7 Agar Grove retain more than 0.8 times the former daylit area and so meet the targets in the BRE Guide. The 1 remaining room retains 0.77 times the former daylit area so is marginally below the recommended target. Comparing to the consented scheme, the results have slightly improved from a retained value of 0.76 times the former daylit area. At 5 Agar Grove a kitchen will meet the BRE targets, and the other rooms will retain between 0.53 times and 0.78 times their former DD value. The results when comparing to the previous consented scheme have not altered. These rooms enjoy almost total access to direct skylight in the existing conditions due to their unusually open aspect. Any meaningful massing on the site is therefore likely to lead to a movement of the DD contour greater than that recommended in the BRE Guide, but the rooms to 5 Agar Grove which are understood to be the main living rooms would have access to direct skylight to between 51% to 75% of their area in the proposed conditions. This is again good for an urban location.
- 8.14 The APSH results confirm that all windows would retain considerably more than 25% total APSH including at least 5% APSH during the winter months, so the recommendations of the BRE Guide will be met. The results of the APSH in the consented scheme also confirm that that the APSH results fully comply to the BRE Guidelines.
- 8.15 Overall, the daylight and sunlight impact to these properties remains very similar to the consented scheme results.

#### 9 & 11 Agar Grove:

- 8.16 This block of flats between ground and second floor levels is located directly to the north of the Agar Grove Estate. Room layouts have been taken from drawings obtained from Camden's planning records.
- 8.17 The VSC results confirm that 6 out of the 10 windows assessed retain more than 0.8 times their former VSC value and therefore meet the recommendations of the BRE Guide. The 4 windows which do not satisfy the guidelines R2/100, R3/100, R4/100 and R4/101 at ground floor level retain 0.77, 0.76, 0.75 and 0.79 times their former VSC values respectively. These results are only just below the BRE target and both windows retain very good VSC values of more than 24%. The impacts are slightly greater when comparing to the previous consented scheme confirms that 7 out of the 10 windows assessed retain more than 0.8 times their former VSC value. The three windows which do not satisfy the guidelines relate to R2/100, R3/100 and R4/100 at ground floor level and retain between 0.79, 0.77 and 0.76 times their former VSC value.
- 8.18 The DD results confirm that all the rooms retain more than 0.97 times the former daylit area, so the recommendations of the BRE Guide will be met. The previous impacts to the consented scheme also meet the recommended BRE Guidelines with a retained value of 0.95 times the former daylight area.
- 8.19 Although there are 4 windows with minor VSC transgressions, considering their retained VSC values and the DD results, all rooms to 9 & 11 Agar Grove will remain well daylit.
- 8.20 The APSH results demonstrate that 9 out of 10 windows tested would retain considerably more than 25% total APSH and at least 5% APSH during the winter months. The 1 remaining window W1/100 is on the ground floor and will meet the total APSH target, however the winter hours will experience a reduction from 10% to 4%. It is worth noting that a value of 4% is only marginally below the recommended target of 5% for the winter sunlight hours. The results indicate that there has been no change in relation to the approved scheme.
- 8.21 Overall, the daylight and sunlight impact to these properties remains very similar to the consented scheme results.

# 13 & 15 Agar Grove:

8.22 These semi-detached properties have accommodation between basement and second floor level and are located to the north of the Agar Grove Estate. Room layouts have been taken from drawings obtained from Camden's planning records.

- 8.23 The VSC results confirm that all of the windows at first floor level will retain more than 27% VSC and so meet the BRE targets. Elsewhere, windows retain between 0.68 and 0.77 times the former VSC value. Although these are relatively minor transgressions to the BRE guidance, this is another example of the existing condition presenting a relatively unobstructed outlook, so any meaningful massing on the site is likely to produce results which do not meet the targets in the BRE Guide. What is important to note is that the retained VSC values are very good (above 22% at basement level, 25% at ground floor level and almost 24% at second). In terms of the impacts to the approved scheme, the results indicate minor alterations where both windows retain between 0.69 and 0.78 times their former VSC value. In absolute terms, the results when comparing to the consented scheme experience slightly greater impacts.
- 8.24 The DD results confirm that 11 of the 15 rooms tested retain more than 0.8 times the former daylit area, so meet the recommendations of the BRE Guide. The four rooms which do not do so are all bedrooms (one each to 13 and 15 Agar Grove at basement and ground floor level) which would retain between 0.59 and 0.79 times their former daylit areas. The BRE Guide states bedrooms are less important than living rooms, but in any event all four would be lit to more than 56% of their floor area.. The results of the revised scheme do not transgress from the approved scheme and overall, the retained daylight conditions to these buildings will be good.
- 8.25 The APSH results confirm that all windows would retain considerably more than 25% total APSH including 5% APSH during the winter months, so the recommendations of the BRE Guide will be met. The APSH impacts do not experience any changes when comparing to the previous approved scheme.
- 8.26 Overall, the daylight and sunlight impact to these properties remains very similar to the consented scheme results.

#### 17 & 19 Agar Grove:

- 8.27 These semi-detached properties have accommodation between basement and second floor level and are located to the north of the Agar Grove Estate. Room layouts have been taken from drawings obtained from Camden's planning records.
- 8.28 The VSC results confirm that 4 of the 16 windows assessed retain VSC values above 27% and so meet the recommendations of the BRE Guide. The remaining 12 windows retain between 0.67 and 0.79 times their former VSC value. However, this is another example where the retained VSC values are good for an urban context (above 22% VSC at basement level and above 24% at ground floor level). The prior approved scheme results confirm that 5 of the 16 windows assessed would retain VSC values above 27% or more than 0.8 times their former VSC value and retain levels between 0.68 and 0.79 time their former value. The impacts overall suggest a slight transgression from the consented scheme.

- 8.29 The DD results confirm 11 of the 14 rooms tested retain more than 0.8 times the former daylit area so meet the recommendations of the BRE Guide. The other 3 rooms are basement floor bedrooms. The BRE Guide states bedrooms are less important than living rooms, however these rooms would still retain between 0.48 and 0.63 times their former daylit areas.
- 8.30 The APSH results confirm all windows tested would retain considerably more than 25% total APSH and 5% APSH during the winter months, so the recommendations of the BRE Guide will be met. The APSH results confirm the previous approved scheme meet the recommended BRE Guide.
- 8.31 Overall, the daylight and sunlight impact to these properties remains very similar to the consented scheme results.

#### 21 & 23 Agar Grove:

- 8.32 These semi-detached properties are located to the north of the Agar Grove Estate and have accommodation between basement and second floor. Room layouts have been taken from drawings obtained from Camden's planning records.
- 8.33 The VSC results confirm that all but one of the windows assessed either retain VSC values above 27% or more than 0.8 times their former VSC value and so meet the recommendations of the BRE Guide. The one exception is the basement living room in 21 Agar Grove, (room R1/139) which retains 0.76 times its former VSC value and a good value VSC in the proposed conditions of 22%. These results do not transgress from the prior consented scheme impacts.
- 8.34 The DD results confirm that 12 out of 16 rooms tested would retain at least 0.8 times its existing daylit area and so meet the recommendations of the BRE Guide. The remaining 4 rooms will retain between 0.67 and 0.79 times their former value. These rooms have almost total access to direct skylight in the existing conditions due to relatively open aspect. Any meaningful massing on the site is therefore likely to lead to a movement of the DD contour greater than that recommended in the BRE Guide, but it should be noted that these rooms would still have access to direct skylight to between 62% to 75% of the room area in the proposed condition. When comparing to the previous consented scheme, the impacts do not transgress and experience no further change in light alterations.

- 8.35 The APSH results confirm all windows tested would retain considerably more than 25% total APSH and 5% APSH during the winter months, so the recommendations of the BRE Guide will be met. The APSH results in the previous consented scheme fully comply to the recommended BRE Guide.
- 8.36 Overall, the daylight and sunlight impact to these properties remains very similar to the consented scheme results.

#### 25 Agar Grove:

8.37 This property has retail accommodation at ground floor level with residential at first to third floor levels and is located to the north of the Agar Grove Estate. We were not able to obtain any information on room dimensions so have used assumed room layouts for the DD analysis.

8.38

The VSC results confirm that all of the windows assessed retain VSC values of more than 27% in the proposed conditions or more than 0.8 times their former VSC value and so meet the recommendations of the BRE Guide. The VSC results of the prior approved scheme do not change from the implementation of the proposed development.

- 8.39 The DD results confirm that all of the rooms tested would retain at least 0.98 times the existing daylit area and so meet the recommendations of the BRE Guide. The results do not change compared to the previous approved scheme.
- 8.40 The APSH results confirm all windows tested would retain considerably more than 25% total APSH and 5% APSH during the winter months, so the recommendations of the BRE Guide will be met. The APSH results in the prior scheme also meet the recommended BRE Guide.
- 8.41 Overall, the daylight and sunlight impact to these properties remains very similar to the consented scheme results.

# Cranbourne House

8.42 Cranbourne House is a two-storey residential block located within the Agar Grove Estate to the east of the site. The building is to be retained during the development. Room layouts have been taken from drawings obtained from Camden's planning records.

- 8.43 The VSC results confirm that 3 of the windows tested fully adhere to the suggested target values in the BRE Guide. However, the remaining 22 windows tested will retain between 0.68 and 0.77 times their former VSC values, therefore close to the BRE target of 0.8. In addition, the majority of the rooms tested to Cranbourne House are served by more than one window, so that considering individual VSC results in isolation can be misleading. For example, the window which will retain 0.68 times its former VSC value serves a room with four other windows and will retain very good Daylight Distribution. In terms of the prior approved scheme, there are slight changes to the light levels which retains values between 0.68 and 0.78 times their former value.
- 8.44 The DD results confirm that 4 of the 8 rooms tested will retain more than 0.8 times their former daylit area and so meet the recommendations of the BRE Guide. 3 of the remaining 4 rooms are first floor bedrooms, which will retain between 0.70 and 0.72 times their former daylit areas respectively, again close to the 0.8 target. There is a living room at ground floor level, R2/360 which will retain 0.37 times the former value. Because this is a single aspect room, the increased massing has a disproportionate effect on the DD. In the consented scheme results, this room retained 0.41 times the former value, so this is a marginal reduction. There is a Living/Kitchen/Diner at ground floor level, R3/360 which will retain 0.79 times the former value, which falls marginally below the BRE Guide.
- 8.45 Cranbourne House only has six windows within multi-faceted bay windows which face just within 90 degrees of due south and therefore require APSH testing. Five of these windows retain the target of at least 25% total APSH with 5% in the winter months and so meet the recommendations of the BRE Guide. The one window which does not do so serves a ground floor living room. The retain total APSH values for this window is 24%, which is only slightly below the recommended value of 25%. This window will achieve a total of 5% which meets the BRE target in winter. The prior consented scheme indicate retained total APSH values for these windows are 24% and 23% respectively with both windows meeting the total winter achieving 5% which meets the BRE target.
- 8.46 Overall, the daylight and sunlight impact to these properties remains very similar to the consented scheme results.

#### Ferndown House:

- 8.47 Ferndown House is a four-storey residential block located within the Agar Grove Estate to the east of the site. The building is to be retained during the development. Room layouts have been taken from drawings obtained from Camden's planning records.
- 8.48 The VSC results confirm that 30 of the 81 windows tested will retain values beyond 27% or retain more than 0.8 times their former VSC value and so meet the recommendations of the BRE Guide. However, this is another building where the majority of the rooms tested are served by more than one window, so considering the VSC results in isolation can be misleading. For example, we have assessed eight living rooms within the buildings, seven of which have at least one window which meets the VSC targets in the BRE Guide. These seven living rooms also meet the BRE DD targets. The window serving the eighth living room will retain 0.74 times its former VSC value, which in comparison to the prior approved scheme, the results retain levels of 0.63 times its former VSC value. but the DD results show that the room will have access to direct skylight to very nearly two thirds of its area as discussed below.
- 8.49 The DD results confirm that 20 of the 35 rooms tested would retain at least 0.8 of their existing daylit area and so meet the recommendations of the BRE Guide. 8 living rooms, 11 kitchens and 16 bedrooms have been tested. The results have not changed from the consented scheme.
- 8.50 Seven of the eight living rooms retain more than 0.8 times their former daylit area and so meet the recommendations of the BRE Guide. The eighth living room retains 0.76 times its former daylit area with 71% of the room having access to direct skylight. Six of the eleven kitchens meet the DD recommendations in the BRE Guide; the remaining five kitchens retain between 0.63 and 0.78 times their former daylit area. Seven of the sixteen bedrooms tested meet the recommendations of the BRE Guide for DD. The eight remaining rooms retain between 0.45 and 0.76 times their former daylit areas which will be more noticeable. However, the BRE Guide states that bedrooms are less important than living rooms and kitchens. In terms of absolute values, the previous scheme indicates that that six of the eleven kitchens retain between 0.63 and 0.71 times their former daylit area and nine of the sixteen bedrooms tested meet the recommendations of the BRE Guide for DD. The seven remaining rooms retain between 0.45 and 0.75 times their former value. Overall the new proposed development indicates improved light impacts.
- 8.51 23 windows face within 90 degrees of due south and therefore require testing for APSH. 20 retain the target of at least 25% total APSH with 5% in the winter months and so meet the recommendations of the BRE Guide. The 3 remaining windows which are livingrooms to the ground, first and second floors retain values between 0.56 and 0.72.

8.52 Overall, the daylight and sunlight impact to these properties remains very similar to the consented scheme results.

# 8.53 216-230 Barker Drive

216-230 Barker Drive is a four-storey residential block located to the south of the site. The building is to be retained during the development. We were not able to obtain any information on room dimensions so have used assumed room layouts.

The VSC results confirm that 3 windows tested will retain values beyond 27% or retain more than 0.8 times their former VSC value and so meet the recommendations of the BRE Guide.

DD results confirm that all of the rooms tested would retain 1.00 times the existing daylit area and so meet the recommendations of the BRE Guide.

# 8.54 <u>200-214 Barker Drive</u>

200-214 Barker Drive is a four-storey residential block located to the south of the site. The building is to be retained during the development. We were not able to obtain any information on room dimensions so have used assumed room layouts.

The VSC results confirm that 16 windows tested will retain more than 0.8 times their former VSC value and so meet the recommendations of the BRE Guide.

DD results confirm that all of the rooms tested would retain at least 0.98 times the existing daylit area and so meet the recommendations of the BRE Guide.

# 8.55 184-198 Barker Drive

184-198 Barker Drive is a four-storey residential block located to the south of the site. The building is to be retained during the development. We were not able to obtain any information on room dimensions so have used assumed room layouts.

The VSC results confirm that 16 windows tested will retain more than 0.8 times their former VSC value and so meet the recommendations of the BRE Guide.

DD results confirm that all of the rooms tested would retain at least 0.99 times the existing daylit area and so meet the recommendations of the BRE Guide.

#### 8.56 168-182 Barker Drive

168-182 Barker Drive is a four-storey residential block located to the south of the site. The building is to be retained during the development. We were not able to obtain any information on room dimensions so have used assumed room layouts.

The VSC results confirm that 8 windows tested will retain more than 0.8 times their former VSC value and so meet the recommendations of the BRE Guide.

DD results confirm that all of the rooms tested would retain at least 0.99 times the existing daylit area and so meet the recommendations of the BRE Guide.

# 8.57 144-158 Barker Drive

144-182 Barker Drive is a four-storey residential block located to the south of the site. The building is to be retained during the development. We were not able to obtain any information on room dimensions so have used assumed room layouts.

The VSC results confirm that 24 windows tested will retain more than 0.8 times their former VSC value and so meet the recommendations of the BRE Guide.

DD results confirm that all of the rooms tested would retain at least 0.99 times the existing daylit area and so meet the recommendations of the BRE Guide.

# 8.58 120-144 Barker Drive

120-144 Barker Drive is a four-storey residential block located to the south of the site. The building is to be retained during the development. We were not able to obtain any information on room dimensions so have used assumed room layouts.

The VSC results confirm that 8 windows tested will retain more than 0.8 times their former VSC value and so meet the recommendations of the BRE Guide.

DD results confirm that all of the rooms tested would retain at least 0.95 times the existing daylit area and so meet the recommendations of the BRE Guide.

# 8.59 Agar Community Nursery

DD results confirm that the two rooms tested which are used as playrooms would retain 0.84 times the existing daylit area and fully meet the recommendations of the BRE Guide. These rooms are used for education purposes and would experience good daylight levels

2 windows face within 90 degrees of due south and therefore require testing for APSH. Both windows fully comply within the recommended guidelines of 25%.

# **Average Daylight Factor Results**

- 8.53 The BRE Guide says in section 2.2 that surrounding properties should be assessed using VSC and DD. ADF is not cited as a test for existing buildings and Appendix F of the BRE Guide states in paragraph F7 "Use of ADF for loss of light to existing buildings is not generally recommended." However, the London Borough of Camden's Planning Guidance 2011 states that pre and post ADF figures for potentially affected properties should be incorporated within daylight and sunlight reports.
- 8.54 We have therefore run a full set of ADF results, and these can be found at Appendix G. Because the London Borough of Camden's guidance states that they will consider the overall loss of daylight rather than the minimum acceptable levels when using ADF methodology, we have included an ADF summary table below which sets out the percentage of the retained ADF values so one can more easily assess the overall change.

	Factor of Former Value						Total	
	1 - 0.9	0.8 – 0.89	0.7 – 0.79	0.6 - 0.69	0.5 – 0.59	0.4 - 0.49	< 0.4	Rooms
1 Agar Grove	0	4	4	0	0	0	0	8
3 Agar Grove	0	4	4	0	0	0	0	8
5 Agar Grove	0	3	4	0	0	0	0	7
7 Agar Grove	0	2	2	0	0	0	0	4
9-11 Agar Grove	0	10	0	0	0	0	0	10
13 Agar Grove	0	4	3	0	0	0	0	7
15 Agar Grove	0	3	5	0	0	0	0	8
17 Agar Grove	0	2	6	0	0	0	0	8
19 Agar Grove	0	3	3	0	0	0	0	6
21 Agar Grove	0	8	0	0	0	0	0	8
23 Agar Grove	3	5	0	0	0	0	0	8
25 Agar Grove	9	0	0	0	0	0	0	9
Cranbourne House	0	7	1	0	0	0	0	8
Ferndown House	0	17	17	1	0	0	0	35
216-230 Barker Drive	2	1	0	0	0	0	0	3
200-214 Barker Drive	9	7	0	0	0	0	0	16
184-198 Barker Drive	8	8	0	0	0	0	0	16
168-182 Barker Drive	5	3	0	0	0	0	0	8
144-158 Barker Drive	24	0	0	0	0	0	0	24
120-144 Barker Drive	8	0	0	0	0	0	0	8
Total	68	91	49	1	0	0	0	209
%	32%	43%	23%	0.47%	0.00%	0.00%	0.00%	

8.55 We tested 209 of the habitable rooms and 159 (76%) will retain ADF values between 1.00 and 0.8 times their former value. This indicates that on the whole, the changes to the ADF values for 1-25 Agar Grove, Cranbourne House, Ferndown House and 216-144 Barker Drive will be minimal and does not represent a significant reduction to the previously reported former values. The below table includes the ADF results from the previous consented scheme which tested 134 of the habitable rooms, to which 98 or 73% will retain ADF values between 1.0 and 0.8 times their former value. When comparing the results to the previous approved scheme, the revised development indicates that the results have improved by 3% as a whole from a total of 73% (98 out of 134) in the consented scheme to 76% (150 out of 209) of the room tested in the revised scheme. It is important to note that additional properties have been included within the scope of the revised development.

#### Average Daylight Factor Results from consented scheme

		Factor of Former Value						
	1-	0.8 -	0.7 -	0.6 -	0.5 -	0.4 -	< 0.4	Total Rooms
	0.9	0.89	0.79	0.69	0.59	0.49		ROOMS
1 Agar Grove	0	6	2	0	0	0	0	8
3 Agar Grove	0	6	2	0	0	0	0	8
5 Agar Grove	0	5	2	0	0	0	0	7
7 Agar Grove	1	2	1	0	0	0	0	4
9-11 Agar Grove	6	4	0	0	0	0	0	10
13 Agar Grove	2	5	0	0	0	0	0	7
15 Agar Grove	2	4	2	0	0	0	0	8
17 Agar Grove	0	4	4	0	0	0	0	8
19 Agar Grove	1	2	3	0	0	0	0	6
21 Agar Grove	3	5	0	0	0	0	0	8
23 Agar Grove	7	1	0	0	0	0	0	8
25 Agar Grove	9	0	0	0	0	0	0	9
Cranbourne House	0	8	0	0	0	0	0	8
Ferndown House	0	11	21	3	0	0	0	35
Total	31	63	37	3	0	0	0	134
%	23.13%	47.01%	27.61%	2.24%	0.00%	0.00%	0.00%	

# Sunlight to surrounding gardens and open spaces

- 8.56 The only surrounding properties that has an external amenity area that could be affected by the proposed development is Cranbourne House and Agar Community Nursery. All the other properties surrounding the site have front gardens facing the site and therefore an assessment has not been carried out as the BRE Guide states that it is usually the main back garden of a house that should be assessed.
- 8.57 In accordance with the BRE guide we have calculated the effect on the amenity space at Cranbourne House and Agar Community Nursery by plotting the two-hour sun contour on 21 March in the existing and proposed condition as shown on our drawing at Appendix F. The parts of each amenity space receiving at least two hours of sunlight are shaded yellow and expressed as a percentage on the drawings. The figures are also set out in Table 2 below, along with the factor by with the existing sunlit area will change as a consequence of the proposed development.

Table 2 - Summary of two-hour sun-on-ground results

Address	Area ref.	Proportion in sur March	Factor of	
		Existing	Proposed	former value
Cranbourne House	R4/360	96.1%	92.7%	N/A
Agar Community				
Nursery	R3/380	77.1%	75.4%	N/A
Agar Community				
Nursery	R4/380	48.1%	48.1%	1.00

8.58 The results of the two-hour sun contour test confirm that the amenity space is capable of receiving more than 2 hours direct sunlight on 21<sup>st</sup> March.

When comparing the results of the sun on ground to the previous approved scheme, the results indicate that there is a marginal transgression to Cranbourne House. The revised scheme meets the recommended numerical values from 95.97% in the existing condition to 92.68% in the proposed to Cranbourne House. The proposed scheme Includes one additional property which has been included with the assessment being Agar Community Nursery. The results to area R3/380 to Agar Community Nursery meets the numerical values within the recommended BRE Guide. Area R4/380 does not experience any change from the existing and proposed conditions.

#### 9. SUMMARY AND CONCLUSION

- 9.1 The London Borough of Camden's planning policy seeks to safeguard daylight and sunlight amenity to existing buildings and points to the guidance published in BRE Report 209, *Site Layout Planning for Daylight and Sunlight: A guide to good practice* but state that they will view results flexibly at their discretion.
- 9.2 We have undertaken a study of the impact of the proposed development on the relevant surrounding properties in residential occupation. The tests were undertaken in accordance with the BRE Report 209, Site Layout Planning for Daylight and Sunlight: A guide to good practice (second edition, 2011). The BRE guide gives useful advice and recommends various numerical guidelines by which to assess the impact of development on daylight and sunlight to existing surrounding properties. The BRE Guide says in Section 2.2 that the effect of a proposed development on daylight to surrounding properties should be assessed using the VSC and DD tests. However, LBC's Planning Guidance 2011 states that ADF results must be submitted, so we have also run this test and appended the results to this report.
- 9.3 We have tested the daylight and sunlight impact to the residential properties 1-25 Agar Grove (inclusive) as well as Cranbourne House, Ferndown House and 144-230 Barker Drive. These are the existing surrounding properties in closest proximity to Phase 2B, Block B & B1. We have assessed a total of 278 windows and of these, 147 or 52% fully meet the targets in the BRE Guide. Of the remaining 131 windows that fall below the VSC target values, it has been demonstrates that the VSC values for these properties in the proposed condition are above 22% VSC at basement level, and therefore daylight levels will remain good. The large majority of the others serve rooms with more than one windows, Cranbourne House and Ferndown House, so to consider their VSC results in isolation could be misleading. When comparing the impacts against the consented position, the 203 windows assessed, 80 or 39% fully meet the targets in the BRE Guide. Of the remaining 123 windows that fall below the VSC target values, the results demonstrate that the VSC values for these properties in the proposed condition are above the 22% VSC at basement level and therefore daylight levels will remain good. The VSC impacts to the revised scheme suggest overall improvements to daylight levels, however further properties have been included within the scope of assessment.
- 9.4 A total of 211 rooms were tested for DD and of these, 172 or 81% meet the BRE targets. The majority of rooms which fall below the BRE recommended values will retain between 0.37 and 0.79 times their former value. Those which experience slightly larger reductions are generally bedrooms or playrooms which are considered to be less important according to the BRE Guide. The previous scheme indicates that out of a total of 134 rooms which we tested for DD, 95 or 71% meet the BRE targets with the majority of rooms which fall below the BRE recommended values will retain between 0.60 and 0.79 times their former value.

DD impacts to the revised scheme suggest overall improvements to daylight levels, however further properties have been included within the scope of assessment.

- 9.5 Because LBC require ADF results to be submitted, these are attached to this report, but because LBC say they will consider the overall loss of daylight rather than the minimum acceptable levels, we have included a summary table setting out this information. This indicates that 159 of the 209 habitable rooms assessed will retain between 1 and 0.8 times their former value which does not represent a significant reduction. The remaining 50 habitable rooms retain ADF values between 0.79 and 0.60 times their former value. Overall, the results have improved by 6% when comparing the previous consented scheme to the revised proposed development.
- 9.6 It was only necessary to assess two external amenity area for sun on ground. The results indicate that there will be a slight reduction to the sunlight amenity to Cranbourne House from 96.1% to 92.7% and Agar Community Nursery from 77.1% to 75.4% to Agar Community Nursery. Overall, both properties will receive good levels of sunlight amenity. In terms of the change to the previous scheme, Cranbourne House continues to meet the recommended BRE Guidelines.
- 9.7 Overall, the daylight and sunlight results to the properties in the vicinity of the Block B site are good with the majority of properties continuing to enjoy good access to daylight and sunlight in the proposed conditions. The buildings currently on the site present a very low level of obstruction to certain neighbouring buildings so they will be more sensitive to changes in massing on the site and reductions in daylight and sunlight that do not meet the targets in the BRE Guide are likely if meaningful mass is to be achieved. Nevertheless, only a limited number of the neighbouring properties are likely to experience changes to their existing levels of daylight that would be noticeable, and access to sunlight will remain good. The proposed results are comparable to the previous scheme with some marginal reductions to the ADF and VSC numerical values and improvements to the to the DD on neighbouring properties. Overall, the impact to 1-25 Agar Grove, Cranbourne House and Ferndown House will remain similar to the previous and consented scheme, however the proposed results to additional properties tested for 144-230 Barker Drive and Agar Community Nursery fully comply to the BRE Guide and continues to enjoy good levels of daylight and sunlight.

**ANSTEY HORNE** 

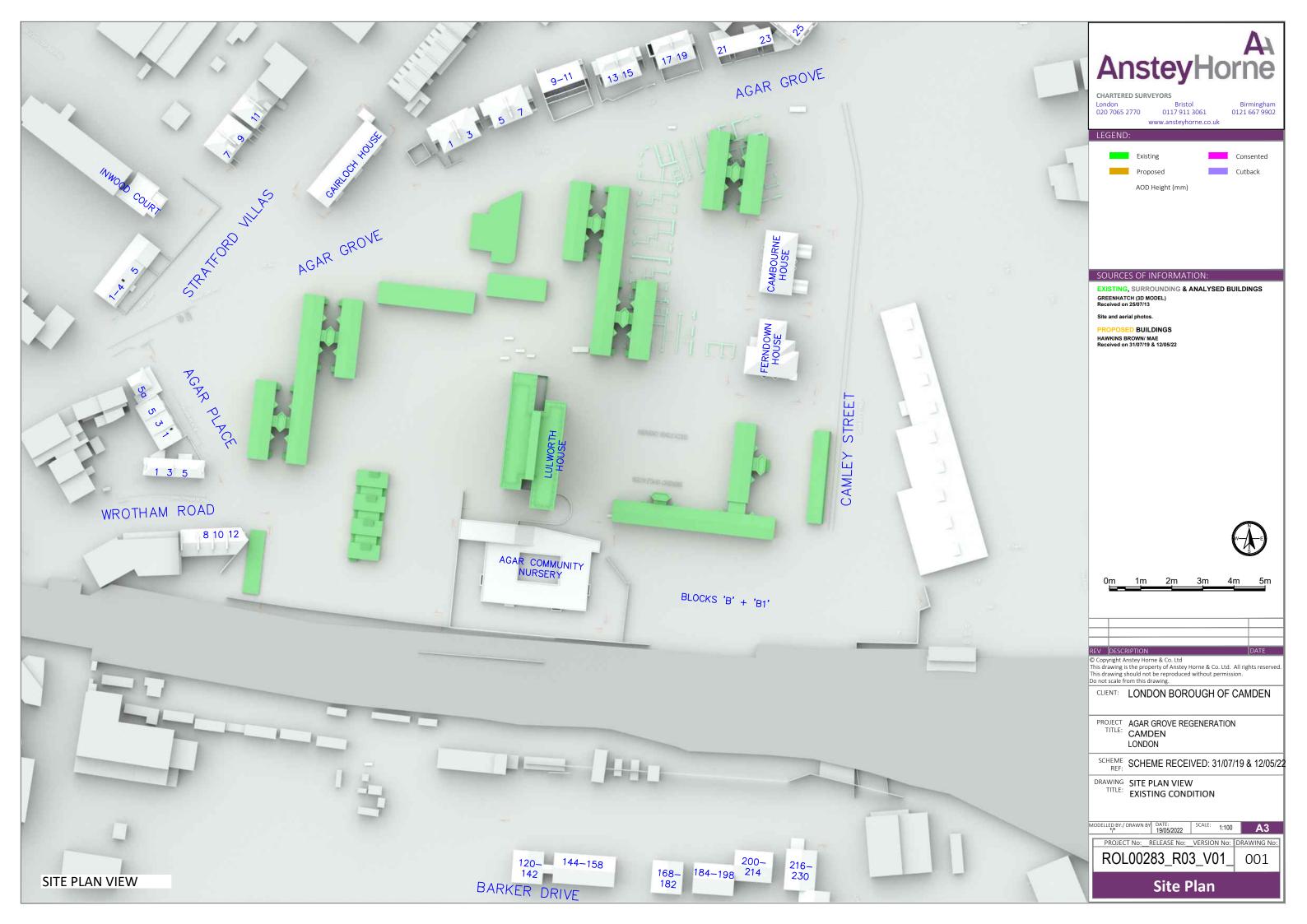
25 May 2022

#### **APPENDIX A**

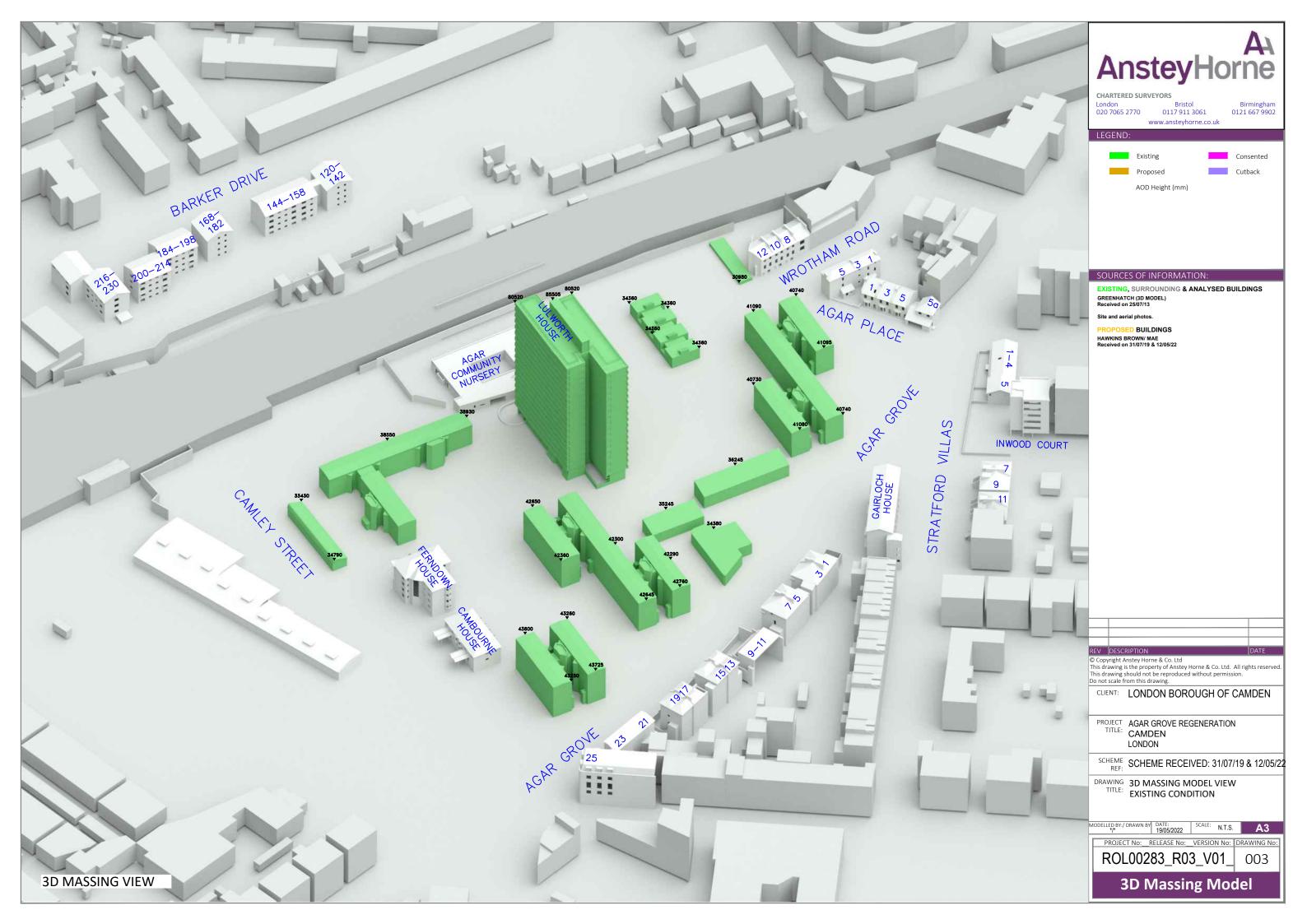
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#### PLAN AND 3D VIEWS OF THE COMPUTER MODEL

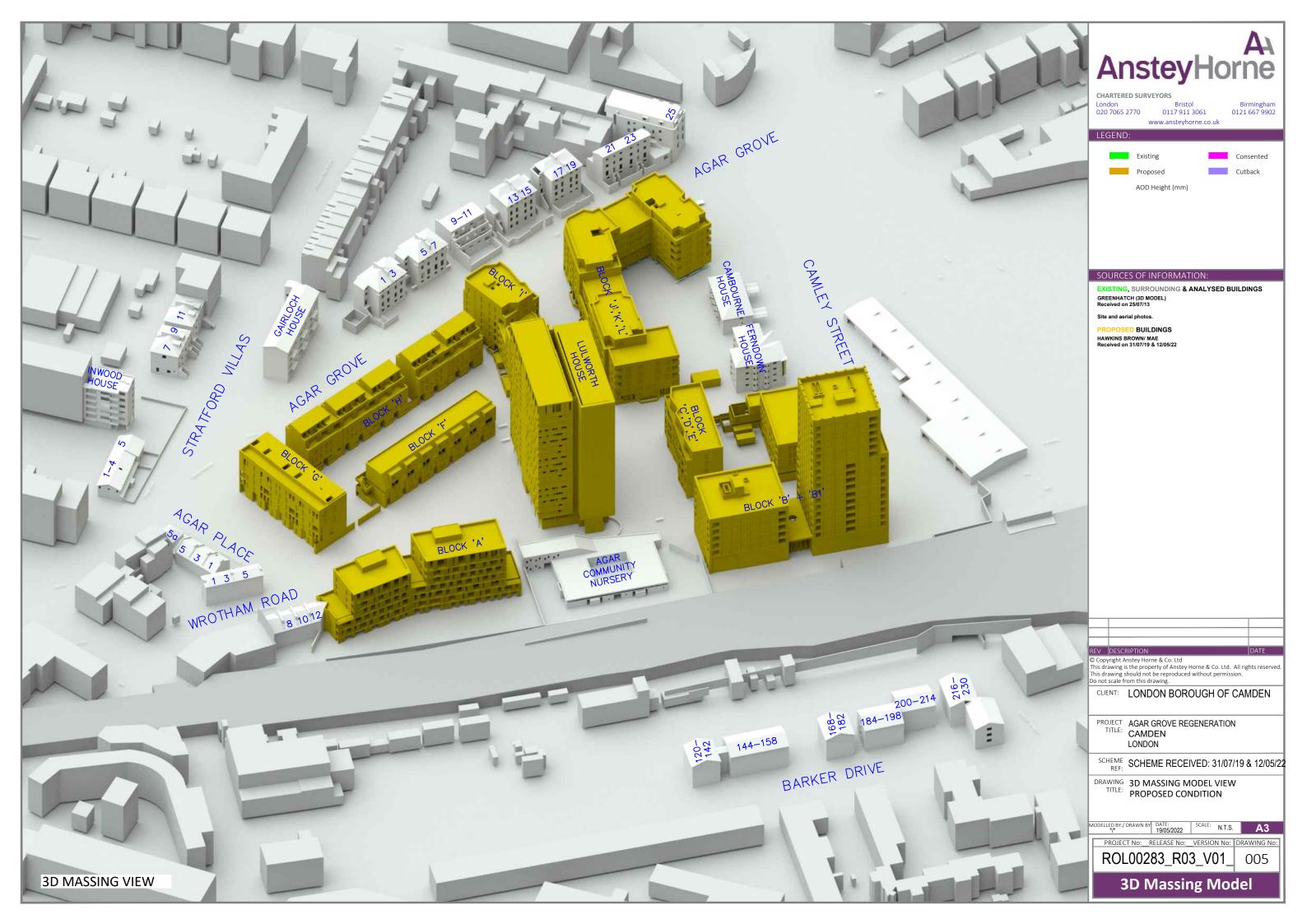
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# APPENDIX B VERTICAL SKY COMPONENT ('VSC') TABLE



Property/ room ref.	Property type	Room usage	Window ref.	Existing VSC(%)	Proposed VSC(%)	*Factor of former value
1 AGAR GROVE						
Base Floor						
R1/79	RESIDENTIAL	KITCHEN?	W1/79	32.77	22.79	0.70
R2/79	RESIDENTIAL	LD?	W2/79	32.81	22.68	0.69
Gnd Floor						
R2/80	RESIDENTIAL	DINING?	W2/80	34.27	24.85	0.73
R3/80	RESIDENTIAL	LIVINGROOM?	W3/80	34.22	24.66	0.72
1st Floor						
R2/81	RESIDENTIAL	UNKNOWN	W2/81	34.15	26.19	0.77
R3/81	RESIDENTIAL	BEDROOM?	W3/81	34.13	25.91	0.76
2nd Floor						
R2/82	RESIDENTIAL	UNKNOWN	W2/82	29.40	22.71	0.77
R3/82	RESIDENTIAL	UNKNOWN	W3/82	29.30	22.35	0.76
3 AGAR GROVE						
Base Floor						
R3/79	RESIDENTIAL	LD?	W3/79	32.72	22.61	0.69
R4/79	RESIDENTIAL	KITCHEN	W4/79	32.56	22.45	0.69
Gnd Floor						
R4/80	RESIDENTIAL	LIVINGROOM?	W4/80	34.20	24.58	0.72
R5/80	RESIDENTIAL	DINING?	W5/80	34.12	24.43	0.72
1st Floor						
R4/81	RESIDENTIAL	BEDROOM?	W4/81	34.15	25.79	0.76
R5/81	RESIDENTIAL	UNKNOWN	W5/81	34.14	25.60	0.75
2nd Floor						
R4/82	RESIDENTIAL	UNKNOWN	W4/82	29.20	22.17	0.76
R5/82	RESIDENTIAL	UNKNOWN	W5/82	28.69	21.45	0.75
5 AGAR GROVE						
Paga Elagr						
Base Floor R1/89	RESIDENTIAL	KITCHEN?	W1/89	32.42	22.19	0.68
R2/89	RESIDENTIAL	LD?	W1/89 W2/89	32.42	22.19	0.68
			,			- 33
Gnd Floor						
R2/90	RESIDENTIAL	UNKNOWN	W2/90	34.21	24.26	0.71
R3/90	RESIDENTIAL	LIVINGROOM?	W3/90	34.14	24.48	0.72
1st Floor						
R3/91	RESIDENTIAL	BEDROOM?	W3/91	35.25	26.74	0.76



D /	In ·		har at	•	D	*=
Property/	Property	Room	Window	Existing	Proposed	*Factor of
room ref.	type	usage	ref.	VSC(%)	VSC(%)	former value
R2/92	RESIDENTIAL	KITCHEN?	W2/92	29.78	22.45	0.75
R3/92	RESIDENTIAL	LD?	W3/92	29.82	22.61	0.76
7 AGAR GROVE						
7 AGAR GROVE						
Base Floor						
R3/89	RESIDENTIAL	LKD	W3/89	32.00	22.48	0.70
R3/89	RESIDENTIAL	LKD	W4/89	31.38	22.59	0.72
N3/69	RESIDENTIAL	LKD	VV4/63	31.30	22.33	0.72
Gnd Floor						
R4/90	RESIDENTIAL	LIVINGROOM	W4/90	34.10	24.83	0.73
R4/90	RESIDENTIAL	LIVINGROOM	W5/90	34.03	25.25	0.74
11,750	INCOIDE INTINCE	El VII VORO O IVI	113,30	31.03	23.23	0.71
1st Floor						
R4/91	RESIDENTIAL	BEDROOM	W4/91	35.30	27.17	N/A
2nd Floor						
R4/92	RESIDENTIAL	LKD	W4/92	29.71	22.78	0.77
R4/92	RESIDENTIAL	LKD	W5/92	29.30	22.63	0.77
9-11 AGAR GROV	E .					
Gnd Floor						
R1/100	RESIDENTIAL	LKD	W1/100	22.91	18.73	0.82
-			•			
R2/100	RESIDENTIAL	BEDROOM	W2/100	31.34	24.27	0.77
R3/100	RESIDENTIAL	BEDROOM	W3/100	32.75	24.95	0.76
R4/100	RESIDENTIAL	LKD	W4/100	33.27	24.93	0.75
1st Floor						
R1/101	RESIDENTIAL	LIVINGROOM	W1/101	28.70	23.34	0.81
R2/101	RESIDENTIAL	KD	W2/101	34.52	27.34	N/A
•			•			-
R3/101	RESIDENTIAL	KD	W3/101	34.61	27.28	N/A
R4/101	RESIDENTIAL	LIVINGROOM	W4/101	31.08	24.45	0.79
2nd Floor						
R1/102	RESIDENTIAL	KD	W1/102	34.75	28.51	N/A
R4/102	RESIDENTIAL	KD	W4/102	34.96	28.25	N/A
,			1, 202		_55	,
13 AGAR GROVE						
Daga Flata						
Base Floor	DECID = 1 = 1 = 1	DED 5 0 0 1	14.00	22.55	00.45	2 = 5
R1/109	RESIDENTIAL	BEDROOM	W1/109	33.39	23.48	0.70
R2/109	RESIDENTIAL	BEDROOM	W2/109	33.30	23.19	0.70
Gnd Floor						
R2/110	RESIDENTIAL	LKD	W6/110	35.06	25.71	0.73
R2/110 R2/110	RESIDENTIAL	LKD	W7/110	35.00	25.71 25.44	0.73
NZ/ 11U	NESIDENTIAL	LKD	\vv // 110	33.00	<b>23.44</b>	0./5
1st Floor						
R1/111	RESIDENTIAL	BEDROOM?	W1/111	36.24	27.74	N/A
R2/111	RESIDENTIAL	BEDROOM?	W2/111	36.21	27.74	N/A N/A
	THE STOCKTION	DEDITOON!	VV Z/ 111	30.21	۷,۰۰۰	13/7
2nd Floor						
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Property/	Property	Room	Window	Existing	Proposed	*Factor of
room ref.	type	usage	ref.	VSC(%)	VSC(%)	former value
R1/112	RESIDENTIAL	BEDROOM?	W1/112	31.83	24.56	0.77
R2/112	RESIDENTIAL	BEDROOM?	W2/112	31.82	24.37	0.77
15 AGAR GROVE						
13 AGAN GNOVE						
Base Floor						
R3/109	RESIDENTIAL	BEDROOM?	W3/109	33.10	22.85	0.69
R4/109	RESIDENTIAL	BEDROOM?	W4/109	33.00	22.57	0.68
Gnd Floor						
	DECIDENTIAL	252200143	14/0/440	24.00	25.22	0.70
R3/110	RESIDENTIAL	BEDROOM?	W8/110	34.98	25.22	0.72
R4/110	RESIDENTIAL	BEDROOM?	W9/110	34.95	25.01	0.72
1st Floor						
R3/111	RESIDENTIAL	BEDROOM?	W3/111	36.19	27.32	N/A
R4/111	RESIDENTIAL	BEDROOM?	W4/111	36.21	27.15	N/A
N4/ 111	RESIDENTIAL	BEDROOM	VV-4/111	30.21	27.13	N/A
2nd Floor						
R3/112	RESIDENTIAL	BEDROOM?	W3/112	31.78	24.28	0.76
R4/112	RESIDENTIAL	BEDROOM?	W4/112	31.83	24.15	0.76
17 AGAR GROVE						
Base Floor						
R1/129	RESIDENTIAL	BEDROOM	W1/129	33.32	22.49	0.67
R2/129	RESIDENTIAL	BEDROOM	W2/129	33.28	22.76	0.68
Gnd Floor						
	DECIDENTIAL	DEDDOOM	W/1 /1 20	25.01	24.00	0.71
R1/130	RESIDENTIAL	BEDROOM	W1/130	35.01	24.86	0.71
R2/130	RESIDENTIAL	BEDROOM	W2/130	34.97	25.13	0.72
1st Floor						
R2/131	RESIDENTIAL	BEDROOM	W2/131	36.38	27.24	N/A
R3/131	RESIDENTIAL	BEDROOM	W3/131	36.32	27.49	N/A
and Election						
2nd Floor	DECIDENTIAL	DEDDOOR4	W/2 /4 22	22.04	24.52	0.77
R2/132	RESIDENTIAL	BEDROOM	W2/132	32.04	24.53	0.77
R3/132	RESIDENTIAL	BEDROOM	W3/132	32.22	24.94	0.77
19 AGAR GROVE						
Dage Flagg						
Base Floor	DECID = 1 : = 1 : :	DEDECC:	14/0/465		00.45	
R3/129	RESIDENTIAL	BEDROOM	W3/129	33.01	23.11	0.70
R4/129	RESIDENTIAL	BEDROOM	W4/129	32.91	23.50	0.71
Gnd Floor						
R3/130	RESIDENTIAL	BEDROOM	W3/130	34.78	25.49	0.73
R3/130	RESIDENTIAL	BEDROOM	W4/130	34.65	25.82	0.75
l <b></b>						
1st Floor						_
R4/131	RESIDENTIAL	BEDROOM	W4/131	36.19	27.83	N/A
R4/131	RESIDENTIAL	BEDROOM	W5/131	36.12	28.19	N/A



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Property/	Property	Room	Window	Existing	Proposed	*Factor of
room ref.	type	usage	ref.	VSC(%)	VSC(%)	former value
2nd Floor	7.			` ,	, ,	
R4/132	RESIDENTIAL	BEDROOM	W4/132	32.16	25.18	0.78
R5/132	RESIDENTIAL	BEDROOM	W5/132	32.02	25.38	0.79
21 AGAR GROVE						
Base Floor						
	DECIDENTIAL	L IV // N / C D C C N /	14/4 /4 20	20.26	22.02	0.76
R1/139	RESIDENTIAL	LIVINGROOM	W1/139	30.26	22.93	0.76
R2/139	RESIDENTIAL	BEDROOM	W2/139	31.77	26.88	0.85
Gnd Floor						
R1/140	RESIDENTIAL	LIVINGROOM	W1/140	34.65	27.33	N/A
R3/140	RESIDENTIAL	BEDROOM	W5/140	34.88	29.51	, N/A
113/110	THE STOP ET THE	DEDITO OTT	113, 110	31.00	25.51	14//
4 . I. Elizza						
1st Floor			,			
R1/141	RESIDENTIAL	LIVINGROOM	W1/141	36.40	29.71	N/A
R3/141	RESIDENTIAL	KITCHEN	W3/141	36.52	31.36	N/A
2nd Floor						
R1/142	RESIDENTIAL	BEDROOM	W1/142	37.28	31.26	N/A
R3/142	RESIDENTIAL	BEDROOM	W1/142 W3/142		32.47	·
K3/142	RESIDENTIAL	BEDROOM	VV3/142	37.32	32.47	N/A
22 1 2 1 2 2 2 2 2 7						
23 AGAR GROVE						
Base Floor						
R3/139	RESIDENTIAL	LIVINGROOM	W3/139	32.06	27.29	N/A
R4/139	RESIDENTIAL	BEDROOM	W4/139	26.44	22.61	0.86
,			., 200			0.00
Gnd Floor						
				0= 44	22 -4	
R4/140	RESIDENTIAL	LIVINGROOM	W6/140	35.44	30.71	N/A
R6/140	RESIDENTIAL	BEDROOM	W10/140	35.64	31.51	N/A
1st Floor						
R4/141	RESIDENTIAL	LIVINGROOM	W4/141	36.86	32.33	N/A
, R6/141	RESIDENTIAL	BEDROOM	, W6/141	36.99	33.15	, N/A
110,141	INESIDEIVII/IE	DEDITOON	VV 0/ 1+1	30.33	33.13	14//1
2md Flagu						
2nd Floor	DECIDENTE:	DEDDOO!	14/4/4 60	27.1	22.22	
R4/142	RESIDENTIAL	BEDROOM	W4/142	37.44	33.22	N/A
R6/142	RESIDENTIAL	BEDROOM	W6/142	37.42	33.92	N/A
25 AGAR GROVE						
1st Floor						
R2/151	RESIDENTIAL	BEDROOM	W2/151	15.74	15.48	0.98
R3/151	RESIDENTIAL	BEDROOM	W3/151	28.04	24.10	0.86
1 · · · · ·			-			
R4/151	RESIDENTIAL	BEDROOM	W4/151	38.40	37.33	N/A
2nd Floor						
R2/152	RESIDENTIAL	BEDROOM	W2/152	29.30	29.10	N/A
R3/152	RESIDENTIAL	BEDROOM	W3/152	33.85	30.53	N/A
R4/152	RESIDENTIAL	BEDROOM	W4/152	39.01	38.07	N/A
117/ 132	MESIDEIVIAL	DEDITOOIVI	** <del>-</del> 7, ±32	33.01	30.07	14/ 🗖
3rd Floor			1			ļ



Property/	Property	Room	Window	Existing	Proposed	*Factor of
room ref.	type	usage	ref.	VSC(%)	VSC(%)	former value
R1/153	RESIDENTIAL	BEDROOM	W1/153	38.10	35.73	N/A
R2/153	RESIDENTIAL	BATHROOM	W2/153	37.99	35.41	N/A
R3/153	RESIDENTIAL	BEDROOM	W3/153	39.28	38.49	N/A
CD AND CHIDNIE	HOUSE					
CRANBOURNE	HOUSE					
Gnd Floor						
R1/360	RESIDENTIAL	LKD	W1/360	28.97	23.41	0.81
R1/360	RESIDENTIAL	LKD	W2/360	24.17	17.94	0.74
R1/360	RESIDENTIAL	LKD	W3/360	22.75	16.52	0.73
R1/360	RESIDENTIAL	LKD	W4/360	23.82	16.18	0.68
R1/360	RESIDENTIAL	LKD	W5/360	27.44	20.12	0.73
R2/360	RESIDENTIAL	LIVINGROOM	W6/360	24.31	17.20	0.71
R2/360	RESIDENTIAL	LIVINGROOM	W7/360	27.64	20.05	0.73
R2/360	RESIDENTIAL	LIVINGROOM	W8/360	25.81	18.17	0.70
R2/360	RESIDENTIAL	LIVINGROOM	W9/360	27.70	19.92	0.72
R3/360	RESIDENTIAL	LKD	W10/360	26.80	18.80	0.70
R3/360	RESIDENTIAL	LKD	W11/360	29.10	20.99	0.72
R3/360	RESIDENTIAL	LKD	W12/360	27.03	18.70	0.69
R3/360	RESIDENTIAL	LKD	W13/360	29.42	20.81	0.71
R3/360	RESIDENTIAL	LKD	W14/360	23.61	21.82	0.92
R3/360	RESIDENTIAL	LKD	W15/360	6.41	6.36	0.99
1st Floor						
R1/361	RESIDENTIAL	BED	W1/361	23.65	17.51	0.74
R2/361	RESIDENTIAL	BED	W2/361	27.58	18.99	0.69
R2/361	RESIDENTIAL	BED	W3/361	30.82	23.76	0.77
R3/361	RESIDENTIAL	BED	W4/361	28.92	20.59	0.71
R3/361	RESIDENTIAL	BED	W5/361	30.92	23.65	0.76
R3/361	RESIDENTIAL	BED	W6/361	30.12	21.74	0.72
R3/361	RESIDENTIAL	BED	W7/361	30.95	23.47	0.76
R4/361	RESIDENTIAL	BED	W8/361	30.86	22.50	0.73
R4/361	RESIDENTIAL	BED	W9/361	31.29	23.43	0.75
R5/361	RESIDENTIAL	BED	W10/361	27.93	19.62	0.70
FERNDOWN HO	OUSE					
Gnd Floor						
R1/370	RESIDENTIAL	LIVINGROOM	W1/370	17.33	17.33	1.00
R1/370	RESIDENTIAL	LIVINGROOM	W2/370	27.98	27.58	N/A
R1/370	RESIDENTIAL	LIVINGROOM	W3/370	27.91	23.02	0.82
R1/370	RESIDENTIAL	LIVINGROOM	W4/370	16.70	11.79	0.71
R1/370	RESIDENTIAL	LIVINGROOM	W5/370	27.84	18.96	0.68
R2/370	RESIDENTIAL	KITCHEN	W6/370	23.85	16.51	0.69
R3/370	RESIDENTIAL	LIVINGROOM	W9/370	27.94	17.13	0.61
R4/370	RESIDENTIAL	KITCHEN	W10/370	28.00	18.54	0.66
R5/370	RESIDENTIAL	BEDROOM	W11/370	30.78	18.14	0.59
R6/370	RESIDENTIAL	BEDROOM	W12/370	27.67	16.02	0.58
R6/370	RESIDENTIAL	BEDROOM	W13/370	12.10	8.76	0.72
R6/370	RESIDENTIAL	BEDROOM	W14/370	31.42	20.51	0.65
R6/370	RESIDENTIAL	BEDROOM	W15/370	12.07	10.56	0.87
	DECIDENTIAL	BEDROOM	W16/370	8.29	5.52	0.67
R7/370	RESIDENTIAL	BEDROOM	W10/3/0	0.23	3.32	0.07



Property/ Property Room Window Existing Proposed *Factor						
Property/ room ref.	Property type	usage	ref.	Existing VSC(%)	Proposed VSC(%)	*Factor of former value
		_				
R7/370	RESIDENTIAL	BEDROOM	W18/370	33.41 16.70	23.94 16.35	0.72
R7/370 R8/370	RESIDENTIAL	BEDROOM	W19/370 W20/370			0.98
K8/3/U	RESIDENTIAL	BEDROOM	W20/3/0	32.44	22.10	0.68
1st Floor						
R1/371	RESIDENTIAL	LIVINGROOM	W1/371	17.95	17.95	1.00
R1/371	RESIDENTIAL	LIVINGROOM	W2/371	32.42	31.26	1.00 N/A
R1/371	RESIDENTIAL	LIVINGROOM	W2/371 W3/371	32.42	26.68	0.83
R1/371	RESIDENTIAL	LIVINGROOM	W4/371	17.59	12.97	0.74
R1/371	RESIDENTIAL	LIVINGROOM	W5/371	29.93	21.24	0.71
R2/371	RESIDENTIAL	KITCHEN	W6/371	27.70	19.79	0.71
R3/371	RESIDENTIAL	LIVINGROOM	W7/371	19.78	15.84	0.80
R3/371	RESIDENTIAL	LIVINGROOM	W8/371	29.72	19.45	0.65
R4/371	RESIDENTIAL	KITCHEN	W9/371	29.68	20.66	0.70
R5/371	RESIDENTIAL	BEDROOM	W10/371	32.95	20.76	0.63
R6/371	RESIDENTIAL	BEDROOM	W11/371	12.48	9.33	0.75
R6/371	RESIDENTIAL	BEDROOM	W12/371	29.89	18.55	0.62
R6/371	RESIDENTIAL	BEDROOM	W13/371	33.42	22.93	0.69
R6/371	RESIDENTIAL	BEDROOM	W14/371	12.55	11.26	0.90
R7/371	RESIDENTIAL	BEDROOM	W15/371	8.89	6.36	0.72
R7/371	RESIDENTIAL	BEDROOM	W16/371	28.63	17.34	0.61
R7/371	RESIDENTIAL	BEDROOM	W17/371	35.20	25.92	0.74
R7/371	RESIDENTIAL	BEDROOM	W18/371	17.10	16.72	0.98
R8/371	RESIDENTIAL	BEDROOM	W19/371	34.41	24.05	0.70
R9/371	RESIDENTIAL	KITCHEN	W20/371	35.57	25.22	0.71
R9/371	RESIDENTIAL	KITCHEN	W21/371	38.53	38.14	N/A
						·
2nd Floor						
R1/372	RESIDENTIAL	LIVINGROOM	W1/372	18.03	18.03	1.00
R1/372	RESIDENTIAL	LIVINGROOM	W2/372	35.72	34.15	N/A
R1/372	RESIDENTIAL	LIVINGROOM	W3/372	35.57	29.94	N/A
R1/372	RESIDENTIAL	LIVINGROOM	W4/372	18.25	14.03	0.77
R1/372	RESIDENTIAL	LIVINGROOM	W5/372	31.77	23.76	0.75
R2/372	RESIDENTIAL	KITCHEN	W6/372	29.96	22.72	0.76
R3/372	RESIDENTIAL	LIVINGROOM	W7/372	21.60	17.98	0.83
R3/372	RESIDENTIAL	LIVINGROOM	W8/372	31.34	21.88	0.70
R4/372	RESIDENTIAL	KITCHEN	W9/372	31.24	22.98	0.74
R5/372	RESIDENTIAL	BEDROOM	W10/372	34.77	23.45	0.67
R6/372	RESIDENTIAL	BEDROOM	W11/372	12.62	9.70	0.77
R6/372	RESIDENTIAL	BEDROOM	W12/372	31.92	21.41	0.67
R6/372	RESIDENTIAL	BEDROOM	W13/372	35.05	25.58	0.73
R6/372	RESIDENTIAL	BEDROOM	W14/372	12.87	11.98	0.93
R7/372	RESIDENTIAL	BEDROOM	W15/372	9.64	7.37	0.76
R7/372	RESIDENTIAL	BEDROOM	W16/372	30.77	20.25	0.66
R7/372	RESIDENTIAL	BEDROOM	W17/372	36.64	28.08	N/A
R7/372	RESIDENTIAL	BEDROOM	W18/372	17.36	17.16	0.99
R8/372	RESIDENTIAL	BEDROOM	W19/372	35.96	25.92	0.72
R9/372	RESIDENTIAL	KITCHEN	W20/372	36.98	26.82	0.73
R9/372	RESIDENTIAL	KITCHEN	W21/372	38.91	38.53	N/A
3rd Floor						
R1/373	RESIDENTIAL	LIVINGROOM	W1/373	16.67	16.67	1.00
R1/373	RESIDENTIAL	LIVINGROOM	W2/373	37.28	35.79	N/A



Property/	Property	Room	Window	Existing	Proposed	*Factor of
room ref.	type	usage	ref.	VSC(%)	VSC(%)	former value
R1/373	RESIDENTIAL	LIVINGROOM	W3/373	37.10	32.01	N/A
R1/373	RESIDENTIAL	LIVINGROOM	W4/373	16.83	13.06	0.78
R1/373	RESIDENTIAL	LIVINGROOM	w5/373	32.28	25.14	0.78
R2/373	RESIDENTIAL	KITCHEN	w6/373	29.52	23.04	0.78
R3/373	RESIDENTIAL	LIVINGROOM	W7/373	25.50	22.28	0.87
R3/373	RESIDENTIAL	LIVINGROOM	W8/373	31.54	23.27	0.74
R4/373	RESIDENTIAL	KITCHEN	W9/373	29.25	22.09	0.76
R5/373	RESIDENTIAL	BEDROOM	W10/373	33.35	23.40	0.70
R6/373	RESIDENTIAL	BEDROOM	W11/373	11.50	8.86	0.77
R6/373	RESIDENTIAL	BEDROOM	W12/373	33.41	23.92	0.72
R6/373	RESIDENTIAL	BEDROOM	W13/373	37.49	29.23	N/A
R6/373	RESIDENTIAL	BEDROOM	W14/373	14.13	13.63	0.96
R7/373	RESIDENTIAL	BEDROOM	W15/373	11.12	8.83	0.79
R7/373	RESIDENTIAL	BEDROOM	W16/373	33.02	23.67	0.72
R7/373	RESIDENTIAL	BEDROOM	W17/373	37.93	30.46	N/A
R7/373	RESIDENTIAL	BEDROOM	W18/373	16.65	16.61	1.00
R8/373	RESIDENTIAL	BEDROOM	W19/373	34.40	25.29	0.74
R9/373	RESIDENTIAL	KITCHEN	W20/373	37.62	28.31	N/A
R9/373	RESIDENTIAL	KITCHEN	W21/373	39.13	38.76	N/A
216-230 BARKE	R DRIVE					
1st Floor						
R1/261	RESIDENTIAL	UNKNOWN	W1/261	32.22	29.11	N/A
2nd Floor						
R1/262	RESIDENTIAL	UNKNOWN	W1/262	35.29	31.37	N/A
3rd Floor						
R1/263	RESIDENTIAL	UNKNOWN	W1/263	37.63	33.18	N/A
200-214 BARKE	ER DRIVE					
Gnd Floor						
R1/250	RESIDENTIAL	UNKNOWN	W1/250	29.81	26.89	0.90
R2/250	RESIDENTIAL	UNKNOWN	w2/250	30.97	28.01	N/A
R3/250	RESIDENTIAL	UNKNOWN	w3/250	31.07	28.07	N/A
R4/250	RESIDENTIAL	UNKNOWN	W4/250	30.50	27.44	N/A
						-
1st Floor						
R1/251	RESIDENTIAL	UNKNOWN	W1/251	33.27	29.80	N/A
R2/251	RESIDENTIAL	UNKNOWN	W2/251	33.54	29.95	N/A
R3/251	RESIDENTIAL	UNKNOWN	W3/251	33.58	29.97	N/A
R4/251	RESIDENTIAL	UNKNOWN	W4/251	33.61	30.00	N/A
2nd Floor						
R1/252	RESIDENTIAL	UNKNOWN	W1/252	35.13	30.81	N/A
R2/252	RESIDENTIAL	UNKNOWN	W2/252	36.09	31.64	N/A
R3/252	RESIDENTIAL	UNKNOWN	W3/252	36.14	31.67	N/A
R4/252	RESIDENTIAL	UNKNOWN	W4/252	35.43	30.90	N/A
3rd Floor						
R1/253	RESIDENTIAL	UNKNOWN	W1/253	37.77	33.09	N/A



Property/	Property	Room	Window	Existing	Proposed	*Factor of
room ref.	type	usage	ref.	VSC(%)	VSC(%)	former value
R2/253	RESIDENTIAL	UNKNOWN	W2/253	29.07	24.33	0.84
R3/253	RESIDENTIAL	UNKNOWN	W3/253	29.04	24.27	0.84
R4/253	RESIDENTIAL	UNKNOWN	W4/253	37.78	32.90	N/A
,			, 200			,
184-198 BARKI	ER DRIVE					
Gnd Floor						
R5/250	RESIDENTIAL	UNKNOWN	W5/250	22.11	19.09	0.86
R6/250	RESIDENTIAL	UNKNOWN	W6/250	27.89	24.94	0.89
R7/250	RESIDENTIAL	UNKNOWN	W7/250	30.13	27.04	N/A
R8/250	RESIDENTIAL	UNKNOWN	W8/250	30.66	27.58	N/A
1st Floor						
R5/251	RESIDENTIAL	UNKNOWN	W5/251	24.70	21.15	0.86
R6/251	RESIDENTIAL	UNKNOWN	w6/251	30.28	26.71	0.88
R7/251	RESIDENTIAL	UNKNOWN	W7/251	32.56	28.82	N/A
R8/251	RESIDENTIAL	UNKNOWN	W8/251	33.77	30.06	N/A
			113, 232		33.33	,
2nd Floor						
R5/252	RESIDENTIAL	UNKNOWN	W5/252	26.26	22.02	0.84
R6/252	RESIDENTIAL	UNKNOWN	W6/252	33.23	28.97	N/A
R7/252	RESIDENTIAL	UNKNOWN	W7/252	35.16	30.70	N/A
R8/252	RESIDENTIAL	UNKNOWN	W8/252	35.24	30.76	N/A
3rd Floor						
R5/253	RESIDENTIAL	UNKNOWN	W5/253	31.35	26.95	0.86
R6/253	RESIDENTIAL	UNKNOWN	W6/253	27.70	23.36	0.84
R7/253	RESIDENTIAL	UNKNOWN	W7/253	28.51	23.99	0.84
R8/253	RESIDENTIAL	UNKNOWN	W8/253	37.53	32.94	N/A
168-182 BARKI	FR DRIVE					
Gnd Floor						
R9/250	RESIDENTIAL	UNKNOWN	W9/250	32.20	29.24	N/A
R10/250	RESIDENTIAL	UNKNOWN	W10/250	32.13	29.13	N/A
1st Floor						
R9/251	RESIDENTIAL	UNKNOWN	W9/251	34.34	30.76	N/A
R10/251	RESIDENTIAL	UNKNOWN	W10/251	34.29	30.69	N/A
2 5 .						
2nd Floor	DECIDENT:	LINUALONA	14/0/050	20.40	22.44	81/4
R9/252	RESIDENTIAL	UNKNOWN	W9/252	36.48	32.11	N/A
R10/252	RESIDENTIAL	UNKNOWN	W10/252	36.43	32.04	N/A
3rd Floor						
R9/253	RESIDENTIAL	UNKNOWN	W9/253	37.38	32.96	N/A
R10/253	RESIDENTIAL	UNKNOWN	W10/253	37.38	32.90	N/A
144-158 BARKI	ER DRIVE					
Gnd Floor						
R11/250	RESIDENTIAL	UNKNOWN	W11/250	32.42	29.86	N/A
R12/250	RESIDENTIAL	UNKNOWN	W12/250	32.09	29.64	N/A



Property/	Property	Room	Window	Existing	<b>Proposed</b>	*Factor of
room ref.	type	usage	ref.	VSC(%)	VSC(%)	former value
R13/250	RESIDENTIAL	UNKNOWN	W13/250	32.07	29.53	N/A
R14/250	RESIDENTIAL	UNKNOWN	W14/250	32.21	29.79	N/A
R15/250	RESIDENTIAL	UNKNOWN	W15/250	31.99	29.79	N/A
R16/250	RESIDENTIAL	UNKNOWN	W16/250	31.94	29.75	N/A
,			,			,
1st Floor						
R11/251	RESIDENTIAL	UNKNOWN	W11/251	34.55	31.19	N/A
R12/251	RESIDENTIAL	UNKNOWN	W12/251	34.30	31.07	N/A
R13/251	RESIDENTIAL	UNKNOWN	W13/251	34.29	31.01	N/A
R14/251	RESIDENTIAL	UNKNOWN	W14/251	34.43	31.31	N/A
R15/251	RESIDENTIAL	UNKNOWN	W15/251	34.27	31.41	N/A
R16/251	RESIDENTIAL	UNKNOWN	W16/251	34.18	31.38	N/A
			11120, 202		02.00	,
2nd Floor						
R11/252	RESIDENTIAL	UNKNOWN	W11/252	36.48	32.33	N/A
R12/252	RESIDENTIAL	UNKNOWN	W12/252	36.29	32.34	N/A
R13/252	RESIDENTIAL	UNKNOWN	W13/252	36.27	32.36	N/A
R14/252	RESIDENTIAL	UNKNOWN	W14/252	36.38	32.55	N/A
R15/252	RESIDENTIAL	UNKNOWN	W15/252	36.24	32.61	N/A
R16/252	RESIDENTIAL	UNKNOWN	W16/252	36.17	32.67	N/A N/A
N10/232	RESIDENTIAL	ONKINOVIN	VV10/232	30.17	32.07	N/A
3rd Floor						
R11/253	RESIDENTIAL	UNKNOWN	W11/253	32.17	27.96	N/A
R11/253 R12/253	RESIDENTIAL	UNKNOWN	W11/253 W12/253	29.44	25.45	0.86
R12/253 R13/253	RESIDENTIAL	UNKNOWN	W12/253 W13/253	29.44	25.50	0.87
R13/253 R14/253	RESIDENTIAL	UNKNOWN	W13/253 W14/253	32.14	28.22	0.67 N/A
R14/253 R15/253	RESIDENTIAL		W14/253 W15/253			-
-		UNKNOWN	•	32.03	28.29	N/A
R16/253	RESIDENTIAL	UNKNOWN	W16/253	29.36	25.79	0.88
120-144 BARK	ED DDIVE					
120-144 DAKK	EK DRIVE					
Gnd Floor						
	RESIDENTIAL	UNKNOWN	W/10/250	21.42	29.47	N1 / A
R18/250			W18/250	31.43		N/A
R19/250	RESIDENTIAL	UNKNOWN	W19/250	31.30	29.43	N/A
4 - 4 - 51						
1st Floor	DECIDENTIAL		W/40/054	22.77	24.24	
R18/251	RESIDENTIAL	UNKNOWN	W18/251	33.77	31.31	N/A
R19/251	RESIDENTIAL	UNKNOWN	W19/251	33.69	31.31	N/A
a ! s!						
2nd Floor	DECIDENT:	LINUALON	1440/0=0	25.63	22.72	
R18/252	RESIDENTIAL	UNKNOWN	W18/252	35.83	32.79	N/A
R19/252	RESIDENTIAL	UNKNOWN	W19/252	35.80	32.82	N/A
<u>.</u>						
3rd Floor						
R18/253	RESIDENTIAL	UNKNOWN	W18/253	36.96	33.72	N/A
R19/253	RESIDENTIAL	UNKNOWN	W19/253	36.98	33.73	N/A

## APPENDIX C DAYLIGHT DISTRIBUTION TABLE



Property / room ref.	Property type	Room Usage	Room area (m²)	Existing lit area (m²)	Proposed lit area (m²)	*Factor of former value
1 AGAR GROVE	,,	J. Company	,	, ,	,	
Base Floor						
R1/79	RESIDENTIAL	KITCHEN?	7.00	6.73	6.22	0.93
R2/79	RESIDENTIAL	LD?	13.46	12.78	9.24	0.72
Gnd Floor						
R2/80	RESIDENTIAL	DINING?	9.63	9.24	9.22	1.00
R3/80	RESIDENTIAL	LIVINGROOM?	11.47	11.10	10.67	0.96
_						
1st Floor						
R2/81	RESIDENTIAL	UNKNOWN	7.05	6.41	5.88	0.92
R3/81	RESIDENTIAL	BEDROOM?	12.29	11.67	11.09	0.95
2nd Floor						
R2/82	RESIDENTIAL	UNKNOWN	4.40	4.22	4.20	1.00
R3/82	RESIDENTIAL	UNKNOWN	13.69	13.06	9.63	0.74
113/02	RESIDENTIAL	OWN	15.05	13.00	5.05	0.74
3 AGAR GROVE						
Base Floor						
R3/79	RESIDENTIAL	LD?	12.62	11.97	9.84	0.82
R4/79	RESIDENTIAL	KITCHEN	5.59	5.41	5.41	1.00
Gnd Floor						
R4/80	RESIDENTIAL	LIVINGROOM?	10.03	9.85	9.46	0.96
R5/80	RESIDENTIAL	DINING?	10.92	10.67	10.20	0.96
1st Floor	DECIDENTIAL	DEDDOOM3	10.00	10.22	0.75	0.04
R4/81 R5/81	RESIDENTIAL	BEDROOM?	10.80	10.33	9.75	0.94
K5/81	RESIDENTIAL	UNKNOWN	8.45	8.20	8.06	0.98
2nd Floor						
R4/82	RESIDENTIAL	UNKNOWN	13.25	12.23	9.99	0.82
R5/82	RESIDENTIAL	UNKNOWN	4.55	4.34	4.34	1.00
,						
5 AGAR GROVE						
Base Floor						
R1/89	RESIDENTIAL	KITCHEN?	8.89	8.64	4.60	0.53
R2/89	RESIDENTIAL	LD?	13.99	13.33	8.88	0.67
_						
Gnd Floor			<b>.</b>	<b>-</b>	–	<b>.</b>
R2/90	RESIDENTIAL	UNKNOWN	6.50	6.37	4.17	0.65
R3/90	RESIDENTIAL	LIVINGROOM?	13.94	13.60	10.57	0.78
1et Eleca						
1st Floor R3/91	RESIDENTIAL	BEDROOM?	13.65	13.15	9.47	0.72
U2/2T	VESIDENTIAL	DEDKOOINI!	15.05	15.15	9.47	0.72
2nd Floor						
R2/92	RESIDENTIAL	KITCHEN?	4.27	4.03	3.80	0.94
114/34	LUCZIDEINIIAE	IKITCHEN:	I 7.2/	4.03	5.00	I 0.54



Property /	Property	Room	Room area	Existing lit	Proposed lit	*Factor of
room ref.	type	Usage	(m²)	area (m²)	area (m²)	former value
R3/92	RESIDENTIAL	LD?	13.55	12.91	8.05	0.62
7 AGAR GROVE						
Base Floor	DECIDENTIAL	LVD	22.22	22.52	10.05	0.04
R3/89	RESIDENTIAL	LKD	23.33	22.52	18.85	0.84
Gnd Floor						
R4/90	RESIDENTIAL	LIVINGROOM	23.15	22.84	22.81	1.00
1st Floor						
R4/91	RESIDENTIAL	BEDROOM	13.80	13.18	10.18	0.77
2nd Floor						
R4/92	RESIDENTIAL	LKD	19.04	18.22	16.94	0.93
,32			13.0	10.22	10.3	0.33
9-11 AGAR GRO	VE					
Gnd Floor	DECIDENTIAL	LKD	43.00	12.70	42.20	0.07
R1/100 R2/100	RESIDENTIAL RESIDENTIAL	LKD BEDROOM	13.88 6.98	13.70 6.81	13.36 6.78	0.97 1.00
R3/100	RESIDENTIAL	BEDROOM	6.82	6.65	6.78	1.00
R4/100	RESIDENTIAL	LKD	13.88	13.83	13.79	1.00
K4/100	RESIDENTIAL	LKD	15.66	13.63	13.79	1.00
1st Floor						
R1/101	RESIDENTIAL	LIVINGROOM	13.10	13.09	13.09	1.00
R2/101	RESIDENTIAL	KD	12.04	11.66	11.38	0.98
R3/101	RESIDENTIAL	KD	12.04	11.58	11.04	0.95
R4/101	RESIDENTIAL	LIVINGROOM	13.10	13.09	13.04	1.00
2nd Floor						
R1/102	RESIDENTIAL	KD	12.90	12.82	12.82	1.00
R4/102	RESIDENTIAL	KD	12.90	12.82	12.82	1.00
13 AGAR GROVI	E					
Base Floor	DECIE					2.22
R1/109	RESIDENTIAL	BEDROOM	8.14	7.80	5.12	0.66
R2/109	RESIDENTIAL	BEDROOM	10.21	9.78	7.72	0.79
Gnd Floor						
R2/110	RESIDENTIAL	LKD	19.18	18.55	17.21	0.93
1st Floor						
R1/111	RESIDENTIAL	BEDROOM?	5.56	5.38	5.38	1.00
R2/111	RESIDENTIAL	BEDROOM?	9.88	9.48	8.38	0.88
2nd Floor						
R1/112	RESIDENTIAL	BEDROOM?	5.71	5.55	5.55	1.00
R2/112	RESIDENTIAL	BEDROOM?	9.88	9.42	8.26	0.88
-,				<b>2</b> _	5.23	
<b>15 AGAR GROV</b>						



IZUZZ		0011110				
Property /	Property	Room	Room area	Existing lit	Proposed lit	*Factor of
room ref.	type	Usage	(m²)	area (m²)	area (m²)	former value
	1,00	Couge	( /	u. cu ( /	u.cu ( ,	10111101 141410
Base Floor						
R3/109	RESIDENTIAL	BEDROOM?	9.88	9.45	5.56	0.59
R4/109	RESIDENTIAL	BEDROOM?	5.71	5.50	4.63	0.84
Gnd Floor						
	DECIDENTIAL	DEDDOOM2	0.00	0.45	7.45	0.70
R3/110	RESIDENTIAL	BEDROOM?	9.88	9.45	7.45	0.79
R4/110	RESIDENTIAL	BEDROOM?	5.71	5.51	5.49	1.00
1st Floor						
R3/111	RESIDENTIAL	BEDROOM?	9.88	9.49	8.14	0.86
R4/111	RESIDENTIAL	BEDROOM?	5.71	5.50	5.49	1.00
2nd Floor						
R3/112	RESIDENTIAL	BEDROOM?	9.88	9.45	8.02	0.85
R4/112	RESIDENTIAL	BEDROOM?	5.71	5.52	5.51	1.00
114/112	INESIDEINTIAL	BLDINOOIVI:	3.71	3.32	5.51	1.00
4-4						
<b>17 AGAR GROV</b>	E .					
Base Floor						
R1/129	RESIDENTIAL	BEDROOM	5.56	5.19	4.25	0.82
-						
R2/129	RESIDENTIAL	BEDROOM	9.88	9.31	4.52	0.49
<b>Gnd Floor</b>						
R1/130	RESIDENTIAL	BEDROOM	5.56	5.38	5.38	1.00
R2/130	RESIDENTIAL	BEDROOM	9.88	9.47		0.84
K2/130	RESIDENTIAL	BEDKOOM	9.88	9.47	7.95	0.84
1st Floor						
R2/131	RESIDENTIAL	BEDROOM	5.56	5.38	5.38	1.00
R3/131	RESIDENTIAL	BEDROOM	9.88	9.47	9.36	0.99
11.57 151	RESIDENTIAL	DEDITOON	3.00	3.47	5.50	0.55
2nd Floor						
R2/132	RESIDENTIAL	BEDROOM	5.56	5.38	5.38	1.00
R3/132	RESIDENTIAL	BEDROOM	9.88	9.46	9.10	0.96
19 AGAR GROV	'E					
15 AGAR GROV						
Base Floor						
R3/129	RESIDENTIAL	BEDROOM	11.74	10.91	5.25	0.48
R4/129	RESIDENTIAL	BEDROOM	6.00	5.71	3.61	0.63
1, 1, 123	ALSIDE NIAL	3231100141	0.00	5.7 ±	5.01	0.03
Gnd Floor						
R3/130	RESIDENTIAL	BEDROOM	16.54	15.98	15.13	0.95
1st Floor						
	DECIDENTIAL	DEDDOOM4	16 54	15.06	1E 0 <i>6</i>	1.00
R4/131	RESIDENTIAL	BEDROOM	16.54	15.96	15.96	1.00
2nd Floor						
R4/132	RESIDENTIAL	BEDROOM	11.74	11.16	10.68	0.96
R5/132	RESIDENTIAL	BEDROOM	6.00	5.87	5.87	1.00
1.13/ 132	ALSIDENTIAL	SEDIOUIVI	0.00	5.07	5.07	1.00
21 AGAR GROV	E					
Base Floor						
1	ı	I .	I			



			ONDING BOIL			
Property /	Property	Room	Room area	Existing lit	Proposed lit	*Factor of
room ref.	type	Usage	(m²)	area (m²)	area (m²)	former value
R1/139	RESIDENTIAL	LIVINGROOM	17.58	16.44	10.98	0.67
•						
R2/139	RESIDENTIAL	BEDROOM	13.66	12.56	9.66	0.77
<b>Gnd Floor</b>						
R1/140	RESIDENTIAL	LIVINGROOM	13.55	13.10	10.56	0.81
R3/140	RESIDENTIAL	BEDROOM	13.42	12.94	11.14	0.86
N3/140	RESIDENTIAL	BEDROOM	13.42	12.54	11.14	0.60
1st Floor						
R1/141	RESIDENTIAL	LIVINGROOM	12.79	12.28	9.64	0.79
R3/141	RESIDENTIAL	KITCHEN	13.04	12.59	10.66	0.85
,					_0.00	0.00
2 - 1 51						
2nd Floor						
R1/142	RESIDENTIAL	BEDROOM	13.78	13.25	10.77	0.81
R3/142	RESIDENTIAL	BEDROOM	12.11	11.31	9.49	0.84
23 AGAR GROV	'F					
25 AGAR GROV	T					
Base Floor						
R3/139	RESIDENTIAL	LIVINGROOM	12.39	11.77	9.36	0.79
R4/139	RESIDENTIAL	BEDROOM	12.68	11.80	11.19	0.95
'						
Gnd Floor						
R4/140	RESIDENTIAL	LIVINGROOM	12.44	12.01	10.82	0.90
R6/140	RESIDENTIAL	BEDROOM	12.63	12.21	12.11	0.99
1st Floor						
R4/141	RESIDENTIAL	LIVINGROOM	12.14	11.72	10.38	0.89
R6/141	RESIDENTIAL	BEDROOM	12.63	12.13	11.98	0.99
2nd Floor						
R4/142	RESIDENTIAL	BEDROOM	11.70	11.00	9.69	0.88
R6/142	RESIDENTIAL	BEDROOM	12.63	12.08	11.73	0.97
NO/ 142	RESIDENTIAL	BEDROOM	12.03	12.00	11./3	0.97
<b>25 AGAR GROV</b>	'E					
1st Floor						
R2/151	RESIDENTIAL	BEDROOM	8.74	4.81	4.81	1.00
*						
R3/151	RESIDENTIAL	BEDROOM	9.00	7.65	7.48	0.98
R4/151	RESIDENTIAL	BEDROOM	12.42	11.86	11.86	1.00
2nd Floor						
R2/152	RESIDENTIAL	BEDROOM	10.53	9.99	9.99	1.00
R3/152	RESIDENTIAL	BEDROOM	9.00	8.55	8.55	1.00
1						
R4/152	RESIDENTIAL	BEDROOM	12.42	11.70	11.70	1.00
1						
3rd Floor						
R1/153	RESIDENTIAL	BEDROOM	8.94	8.67	8.67	1.00
R2/153	RESIDENTIAL	BATHROOM	3.97	3.82	3.82	1.00
1						
R3/153	RESIDENTIAL	BEDROOM	8.49	8.30	8.30	1.00
CRANBOURNE	HOUSE					
Gnd Floor						
1	I	1	I			I



Duo no antre /	Ducasantar	Room	Doors over	Existing lit	Proposed lit	*Factor of
Property / room ref.	Property		Room area		•	former value
	type	Usage	(m²)	area (m²)	area (m²)	
R1/360	RESIDENTIAL	LKD	42.42	33.27	29.05	0.87
R2/360	RESIDENTIAL	LIVINGROOM	23.37	22.02	8.14	0.37
R3/360	RESIDENTIAL	LKD	37.36	36.79	33.93	0.92
1st Floor					0 =0	0.07
R1/361	RESIDENTIAL	BED	13.43	11.19	9.78	0.87
R2/361	RESIDENTIAL	BED	10.87	9.23	6.48	0.70
R3/361	RESIDENTIAL	BED	17.93	17.01	14.06	0.83
R4/361	RESIDENTIAL	BED	10.54	10.01	7.22	0.72
R5/361	RESIDENTIAL	BED	13.77	13.46	9.69	0.72
FERNDOWN H	IOUSE					
FERNDOWN F	1003E					
Gnd Floor						
R1/370	RESIDENTIAL	LIVINGROOM	15.58	14.66	11.15	0.76
R2/370	RESIDENTIAL	KITCHEN	7.45	7.05	4.45	0.63
R3/370	RESIDENTIAL	LIVINGROOM	12.58	10.84	9.69	0.89
R4/370	RESIDENTIAL	KITCHEN	10.85	9.43	6.33	0.67
R5/370	RESIDENTIAL	BEDROOM	7.37	7.20	4.55	0.63
R6/370	RESIDENTIAL	BEDROOM	12.32	11.74	5.26	0.45
R7/370	RESIDENTIAL	BEDROOM	12.64	12.13	6.59	0.54
R8/370	RESIDENTIAL	BEDROOM	6.79	6.66	4.14	0.62
'						
1st Floor						
R1/371	RESIDENTIAL	LIVINGROOM	15.58	15.06	13.36	0.89
R2/371	RESIDENTIAL	KITCHEN	7.45	7.18	5.14	0.72
R3/371	RESIDENTIAL	LIVINGROOM	12.58	12.50	12.35	0.99
R4/371	RESIDENTIAL	KITCHEN	10.85	9.93	7.02	0.71
R5/371	RESIDENTIAL	BEDROOM	6.76	6.63	4.84	0.73
R6/371	RESIDENTIAL	BEDROOM	12.64	12.08	6.63	0.55
R7/371	RESIDENTIAL	BEDROOM	12.52	12.05	7.53	0.63
R8/371	RESIDENTIAL	BEDROOM	6.83	6.70	4.65	0.69
R9/371	RESIDENTIAL	KITCHEN	12.98	12.98	10.94	0.84
113/3/1	INESIDEIVII/IE	KITCHEN	12.50	12.50	10.54	0.04
2nd Floor						
R1/372	RESIDENTIAL	LIVINGROOM	15.58	15.08	14.19	0.94
R2/372	RESIDENTIAL	KITCHEN	7.45	7.25	6.32	0.87
R3/372	RESIDENTIAL	LIVINGROOM	12.58	12.50	12.48	1.00
R4/372	RESIDENTIAL	KITCHEN	10.85	9.72	7.54	0.78
R5/372	RESIDENTIAL	BEDROOM	7.37	7.21	6.66	0.92
R6/372	RESIDENTIAL	BEDROOM	12.32	11.75	9.76	0.83
R7/372	RESIDENTIAL	BEDROOM	12.64	12.15	10.28	0.85
R8/372	RESIDENTIAL	BEDROOM	6.79	6.66	5.04	0.76
R9/372	RESIDENTIAL	KITCHEN	12.98	12.52	10.59	0.85
, 5, 2		The street of th	12.55	12.52	10.55	0.03
3rd Floor						
R1/373	RESIDENTIAL	LIVINGROOM	15.58	15.09	14.51	0.96
R2/373	RESIDENTIAL	KITCHEN	7.45	7.07	7.01	0.99
R3/373	RESIDENTIAL	LIVINGROOM	12.58	12.54	12.52	1.00
R4/373	RESIDENTIAL	KITCHEN	10.85	9.75	8.09	0.83
R5/373	RESIDENTIAL	BEDROOM	7.37	7.21	6.95	0.96
R6/373	RESIDENTIAL	BEDROOM	12.32	11.73	10.54	0.90
R7/373	RESIDENTIAL	BEDROOM	12.64	12.07	10.77	0.89
1, 55	1	1	1	,	20.,,	0.00



		OOMA	ONDING BOIL			
Property /	Property	Room	Room area	Existing lit	Proposed lit	*Factor of
room ref.	type	Usage	(m²)	area (m²)	area (m²)	former value
R8/373	RESIDENTIAL	BEDROOM	6.79	6.66	6.18	0.93
R9/373	RESIDENTIAL	KITCHEN	12.98	12.98	11.33	0.87
113/3/3	INCOID EIVING	KITCHEN	12.50	12.50	11.55	0.07
216-230 BARK	ER DRIVE					
	1					
1st Floor						
R1/261	RESIDENTIAL	UNKNOWN	7.61	7.53	7.53	1.00
K1/201	INLSIDLIVITAL	ONKNOVN	7.01	7.55	7.55	1.00
2nd Floor						
R1/262	RESIDENTIAL	UNKNOWN	7.61	7.53	7.53	1.00
K1/202	RESIDENTIAL	UNKNOWN	7.61	7.55	7.55	1.00
3rd Floor						
	RESIDENTIAL	LINUKNIONAKNI	7.61	7.52	7.52	1.00
R1/263	RESIDENTIAL	UNKNOWN	7.01	7.53	7.53	1.00
200-214 BARK	(FR DRIVE					
Gnd Floor						
R1/250	RESIDENTIAL	UNKNOWN	9.69	9.60	9.57	1.00
R2/250	RESIDENTIAL	UNKNOWN	8.18	8.00	7.79	0.97
R3/250	RESIDENTIAL	UNKNOWN	8.40	8.22	8.05	0.98
R4/250	RESIDENTIAL	UNKNOWN	12.65	12.46	12.40	1.00
114/230	INLSIDEIVITAL	ONKNOVN	12.03	12.40	12.40	1.00
1st Floor						
R1/251	RESIDENTIAL	UNKNOWN	9.69	9.58	9.58	1.00
R2/251	RESIDENTIAL	UNKNOWN	8.18	8.00	7.90	0.99
R3/251	RESIDENTIAL	UNKNOWN	8.40	8.22	8.13	0.99
R4/251	RESIDENTIAL	UNKNOWN	12.65	12.29	12.28	1.00
K4/231	RESIDENTIAL	UNKNOWN	12.05	12.29	12.20	1.00
2nd Floor						
R1/252	RESIDENTIAL	UNKNOWN	9.69	9.63	9.63	1.00
R2/252	RESIDENTIAL	UNKNOWN	8.18	8.00	7.90	0.99
R3/252	RESIDENTIAL	UNKNOWN	8.40	8.22	8.13	0.99
R4/252	RESIDENTIAL	UNKNOWN	12.65	12.46	12.46	1.00
114,232	RESIDEIVIAL	OWNING	12.03	12.40	12.40	1.00
3rd Floor						
R1/253	RESIDENTIAL	UNKNOWN	9.69	9.58	9.58	1.00
R2/253	RESIDENTIAL	UNKNOWN	8.18	8.00	7.90	0.99
R3/253	RESIDENTIAL	UNKNOWN	8.40	8.22	8.13	0.99
R4/253	RESIDENTIAL	UNKNOWN	12.65	12.29	12.29	1.00
114,255	RESIDEIVITAE	ONKNOWN	12.03	12.23	12.23	1.00
184-198 BARK	KER DRIVE					
<b>Gnd Floor</b>						
R5/250	RESIDENTIAL	UNKNOWN	13.04	12.47	12.39	0.99
R6/250	RESIDENTIAL	UNKNOWN	8.18	7.90	7.79	0.99
R7/250	RESIDENTIAL	UNKNOWN	8.45	8.18	8.10	0.99
R8/250	RESIDENTIAL	UNKNOWN	12.56	12.18	12.11	0.99
1st Floor						
R5/251	RESIDENTIAL	UNKNOWN	13.04	12.31	12.31	1.00
R6/251	RESIDENTIAL	UNKNOWN	8.18	7.93	7.87	0.99
R7/251	RESIDENTIAL	UNKNOWN	8.45	8.22	8.18	0.99
R8/251	RESIDENTIAL	UNKNOWN	12.56	12.17	12.17	1.00
	•					



			- JONDING BOIL			
Property /	Property	Room	Room area	Existing lit	Proposed lit	*Factor of
room ref.	type	Usage	(m²)	area (m²)	area (m²)	former value
2nd Floor						
R5/252	RESIDENTIAL	UNKNOWN	13.04	12.61	12.61	1.00
R6/252	RESIDENTIAL	UNKNOWN	8.18	7.99	7.92	0.99
_ ·						
R7/252	RESIDENTIAL	UNKNOWN	8.45	8.28	8.22	0.99
R8/252	RESIDENTIAL	UNKNOWN	12.56	12.37	12.37	1.00
2nd Floor						
3rd Floor	DECIDENTIAL		42.04	42.52	40.50	4.00
R5/253	RESIDENTIAL	UNKNOWN	13.04	12.52	12.52	1.00
R6/253	RESIDENTIAL	UNKNOWN	8.18	8.00	7.93	0.99
R7/253	RESIDENTIAL	UNKNOWN	8.45	8.28	8.22	0.99
R8/253	RESIDENTIAL	UNKNOWN	12.56	12.21	12.21	1.00
460 403 DADI	YED DON'E					
168-182 BARK	LEK DRIVE					
Gnd Floor						
R9/250	RESIDENTIAL	UNKNOWN	12.58	10.01	9.91	0.99
R10/250	RESIDENTIAL	UNKNOWN	8.60	7.77	7.66	0.99
K10/230	RESIDENTIAL	UNKNOWN	8.00	7.77	7.00	0.99
1st Floor						
R9/251	RESIDENTIAL	UNKNOWN	12.58	9.98	9.89	0.99
R10/251	RESIDENTIAL	UNKNOWN	8.60	7.73	7.64	0.99
K10/251	RESIDENTIAL	UNKNOWN	8.60	7.73	7.04	0.99
2nd Floor						
R9/252	RESIDENTIAL	UNKNOWN	12.58	9.98	9.92	0.99
R10/252	RESIDENTIAL	UNKNOWN	8.60	7.73	7.68	0.99
110,232	RESIDEIVITAE	ONKINOWIN	0.00	7.73	7.00	0.55
3rd Floor						
R9/253	RESIDENTIAL	UNKNOWN	12.58	9.98	9.92	0.99
R10/253	RESIDENTIAL	UNKNOWN	8.60	7.73	7.68	0.99
144-158 BARK	ER DRIVE					
Cod Floor						
Gnd Floor	DECIDENTIAL	LINUKNIONAINI	12.66	12.40	12.46	1.00
R11/250	RESIDENTIAL	UNKNOWN	12.66	12.48	12.46	1.00
R12/250	RESIDENTIAL	UNKNOWN	8.24	8.04	7.98	0.99
R13/250	RESIDENTIAL	UNKNOWN	8.35	8.18	8.06	0.99
R14/250	RESIDENTIAL	UNKNOWN	11.64	11.50	11.43	0.99
R15/250	RESIDENTIAL	UNKNOWN	11.52	11.41	11.40	1.00
R16/250	RESIDENTIAL	UNKNOWN	10.56	10.22	10.10	0.99
1et Flaar						
1st Floor	DECIDENTIAL	LINUKNIONAM	12.00	13.40	12.40	1.00
R11/251	RESIDENTIAL	UNKNOWN	12.66	12.48	12.48	1.00
R12/251	RESIDENTIAL	UNKNOWN	8.24	8.07	8.06	1.00
R13/251	RESIDENTIAL	UNKNOWN	8.35	8.18	8.18	1.00
R14/251	RESIDENTIAL	UNKNOWN	11.64	11.50	11.50	1.00
R15/251	RESIDENTIAL	UNKNOWN	11.52	11.41	11.41	1.00
R16/251	RESIDENTIAL	UNKNOWN	10.56	10.22	10.19	1.00
and Flags						
2nd Floor	DEC. 2 - 1		10.05	40.45	40.40	4.05
R11/252	RESIDENTIAL	UNKNOWN	12.66	12.48	12.48	1.00
R12/252	RESIDENTIAL	UNKNOWN	8.24	8.07	8.06	1.00
R13/252	RESIDENTIAL	UNKNOWN	8.35	8.18	8.18	1.00

**ROL00283 - R03 - V01 AGAR GROVE REGENRATION 18/05/2022** 



Property /	Property	Room	Room area	Existing lit	Proposed lit	*Factor of
room ref.	type	Usage	(m²)	area (m²)	area (m²)	former value
R14/252	RESIDENTIAL	UNKNOWN	11.64	11.50	11.50	1.00
R15/252	RESIDENTIAL	UNKNOWN	11.52	11.41	11.41	1.00
R16/252	RESIDENTIAL	UNKNOWN	10.56	10.22	10.19	1.00
3rd Floor						
R11/253	RESIDENTIAL	UNKNOWN	12.66	12.48	12.48	1.00
R12/253	RESIDENTIAL	UNKNOWN	8.24	8.07	8.06	1.00
R13/253	RESIDENTIAL	UNKNOWN	8.35	8.18	8.18	1.00
R14/253	RESIDENTIAL	UNKNOWN	11.64	11.50	11.50	1.00
R15/253	RESIDENTIAL	UNKNOWN	11.52	11.41	11.41	1.00
R16/253	RESIDENTIAL	UNKNOWN	10.56	10.22	10.19	1.00
120-144 BARK	ER DRIVE					
<b>Gnd Floor</b>						
R18/250	RESIDENTIAL	UNKNOWN	12.58	10.01	10.01	1.00
R19/250	RESIDENTIAL	UNKNOWN	8.60	7.77	7.40	0.95
1st Floor						
R18/251	RESIDENTIAL	UNKNOWN	12.58	9.98	9.98	1.00
R19/251	RESIDENTIAL	UNKNOWN	8.60	7.73	7.39	0.96
2nd Floor						
R18/252	RESIDENTIAL	UNKNOWN	12.58	9.98	9.98	1.00
R19/252	RESIDENTIAL	UNKNOWN	8.60	7.73	7.42	0.96
3rd Floor						
R18/253	RESIDENTIAL	UNKNOWN	12.58	9.98	9.98	1.00
R19/253	RESIDENTIAL	UNKNOWN	8.60	7.73	7.42	0.96
AGAR COMM	UNITY NURSERY					
Gnd Floor						
R1/380	EDUCATIONAL	TODDLER PLAYRO	34.11	33.96	33.96	1.00
R2/380	EDUCATIONAL	BABY PLAYROON	34.27	34.09	28.66	0.84

#### **APPENDIX D**

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#### ANNUAL PROBABLE SUNLIGHT HOURS ('APSH') TABLE

							WINI	DOW					RO	ОМ		
PROPERTY					ANI	NUAL SUNLI (% APSH)	GHT		NTER SUNLIC APSH IN WN		ANI	NUAL SUNLI (% APSH)	GHT		NTER SUNLIC PSH IN WIN	
Room ref.	Property type	Flat no.	Window ref.	Room use	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value
1 AGAR GROV	E .															
Base Floor																
R1/79	RESIDENTIAL		W1/79	KITCHEN?	76	61	N/A	23	12	N/A	76	61	N/A	23	12	N/A
R2/79	RESIDENTIAL		W2/79	LD?	76	60	N/A	23	12	N/A	76	60	N/A	23	12	N/A
Gnd Floor																
R2/80	RESIDENTIAL		W2/80	DINING?	76	64	N/A	23	14	N/A	76	64	N/A	23	14	N/A
R3/80	RESIDENTIAL		W3/80	LIVINGROOM?	76	63	N/A	23	13	N/A	76	63	N/A	23	13	N/A
1st Floor																
R2/81	RESIDENTIAL		W2/81	UNKNOWN	76	68	N/A	25	18	N/A	76	68	N/A	25	18	N/A
R3/81	RESIDENTIAL		W3/81	BEDROOM?	75	66	N/A	24	16	N/A	75	66	N/A	24	16	N/A
2nd Floor																
R2/82	RESIDENTIAL		W2/82	UNKNOWN	65	61	N/A	24	20	N/A	65	61	N/A	24	20	N/A
R3/82	RESIDENTIAL		W3/82	UNKNOWN	65	62	N/A	24	21	N/A	65	62	N/A	24	21	N/A
3 AGAR GROV	'E															
Base Floor																
R3/79	RESIDENTIAL		W3/79	LD?	75	57	N/A	22	11	N/A	75	57	N/A	22	11	N/A
R4/79	RESIDENTIAL		W4/79	KITCHEN	76	56	N/A	23	10	N/A	76	56	N/A	23	10	N/A
Gnd Floor																
R4/80	RESIDENTIAL		W4/80	LIVINGROOM?	76	62	N/A	23	13	N/A	76	62	N/A	23	13	N/A
R5/80	RESIDENTIAL		W5/80	DINING?	77	61	N/A	24	11	N/A	77	61	N/A	24	11	N/A
1st Floor																
R4/81	RESIDENTIAL		W4/81	BEDROOM?	75	68	N/A	24	17	N/A	75	68	N/A	24	17	N/A
R5/81	RESIDENTIAL		W5/81	UNKNOWN	76	67	N/A	25	16	N/A	76	67	N/A	25	16	N/A
2nd Floor																
R4/82	RESIDENTIAL		W4/82	UNKNOWN	64	60	N/A	24	20	N/A	64	60	N/A	24	20	N/A
R5/82	RESIDENTIAL		W5/82	UNKNOWN	63	56	N/A	25	18	N/A	63	56	N/A	25	18	N/A
5 AGAR GROV	'E															
Base Floor																
R1/89	RESIDENTIAL		W1/89	KITCHEN?	78	59	N/A	24	9	N/A	78	59	N/A	24	9	N/A
R2/89	RESIDENTIAL		W2/89	LD?	76	57	N/A	23	9	N/A	76	57	N/A	23	9	N/A
Gnd Floor																
R2/90	RESIDENTIAL		W2/90	UNKNOWN	79	60	N/A	25	10	N/A	79	60	N/A	25	10	N/A
R3/90	RESIDENTIAL		W3/90	LIVINGROOM?	80	61	N/A	26	10	N/A	80	61	N/A	26	10	N/A
1st Floor																
R3/91	RESIDENTIAL		W3/91	BEDROOM?	81	68	N/A	27	15	N/A	81	68	N/A	27	15	N/A
2nd Floor																
R2/92	RESIDENTIAL		W2/92	KITCHEN?	65	58	N/A	26	19	N/A	65	58	N/A	26	19	N/A
R3/92	RESIDENTIAL		W3/92	LD?	66	59	N/A	27	20	N/A	66	59	N/A	27	20	N/A
7 AGAR GROV	'E															
Base Floor																
R3/89 R3/89	RESIDENTIAL RESIDENTIAL		W3/89 W4/89	LKD LKD	75 73	57 57	N/A N/A	24 24	10 10	N/A N/A	76	58	N/A	25	10	N/A
Gnd Floor																
R4/90	RESIDENTIAL		W4/90	LIVINGROOM	80	64	N/A	26	12	N/A						
R4/90	RESIDENTIAL		W5/90	LIVINGROOM	81	65	N/A	27	12	N/A	81	65	N/A	27	12	N/A
1st Floor																
R4/91	RESIDENTIAL		W4/91	BEDROOM	80	70	N/A	26	17	N/A	80	70	N/A	26	17	N/A

Part							WINI						RO			
Mathematical	PROPERTY				AN		GHT				ANI		GHT			
The control of the co	Room ref.						former			former			former			
1845 1856 1867 1868 1869 1869 1869 1869 1869 1869 1869	2nd Floor															
March   Marc	R4/92 R4/92									-	67	61	N/A	27	21	N/A
LEADER SELECTION WILLIAM WILLIAM SELECTION WILLI	9-11 AGAR GR	ROVE														
1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Gnd Floor															
14. 12. 12. 13. 13. 13. 13. 13. 13. 13. 13. 13. 13	R1/100	RESIDENTIAL	W1/100	LKD	50	40	N/A	10	4	0.40	50	40	N/A	10	4	0.40
ACTION OF TREESEMENT OF ACTION OF AC	R2/100	RESIDENTIAL	W2/100	BEDROOM	75	61	N/A	20	9	N/A	75	61	N/A	20	9	N/A
THE PROPERTY OF THE PROPERTY O	R3/100	RESIDENTIAL	W3/100	BEDROOM	78	63	N/A	23	11	N/A	78	63	N/A	23	11	N/A
14.24 1 450 February 14.25 1 4	R4/100	RESIDENTIAL	W4/100	LKD	77	63	N/A	22	12	N/A	77	63	N/A	22	12	N/A
27/26   BEDDONTHA   W2/20   ID   77   64   MA   28   13   NA   77   64   NA   16   NA   16   NA   NA   16   NA   NA   NA   NA   NA   NA   NA   N	1st Floor															
141 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	R1/101	RESIDENTIAL	W1/101	LIVINGROOM	62	53	N/A	16	7	N/A	62	53	N/A	16	7	N/A
14 SERION SERION WATER WATER SERION WATER SERIOR WATER SERION WATER SERION WATER SERION WATER SERION WATER SERION WATER SERION WATER SE	R2/101	RESIDENTIAL	W2/101	KD	77	64	N/A	25	13	N/A	77	64	N/A	25	13	N/A
15   15   15   15   15   15   15   15	R3/101	RESIDENTIAL	W3/101	KD	77	64	N/A	26	14	N/A	77	64	N/A	26	14	N/A
12-12-12-12-12-12-12-12-12-12-12-12-12-1	R4/101	RESIDENTIAL	W4/101	LIVINGROOM	66	56	N/A	24	14	N/A	66	56	N/A	24	14	N/A
14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2nd Floor															
Part	R1/102	RESIDENTIAL	W1/102	KD	74	68	N/A	22	16	N/A	74	68	N/A	22	16	N/A
SERIOR STREET,	R4/102	RESIDENTIAL	W4/102	KD	73	65	N/A	26	18	N/A	73	65	N/A	26	18	N/A
14169 RESIDENTIAL WA1109 BERNOM 77 00 N/A 23 8 N/A 77 60 N/A 23 9 N/A 24 10 N/A 25 N	13 AGAR GRO	OVE														
1717-199   RESIDENTIAL   W2/199   REDROOM   78	Base Floor															
INTERIOR PROPERTIAL WESTED LYDING WESTED LYD	R1/109	RESIDENTIAL	W1/109	BEDROOM	77	60	N/A	23	9	N/A	77	60	N/A	23	9	N/A
27110 RESPENTIAL W6/110 LKD 78 63 NIA 24 10 NIA 79 64 NIA 25 11 NIA AT PROFESSIONAL W7/110 LKD 779 64 NIA 25 11 NIA AT PROFESSIONAL W7/111 BEDROOM? 80 67 NIA 26 14 NIA 25 14 NIA 26 14 NIA 26 14 NIA 26 14 NIA 26 14 NIA 2711 RESPENTIAL W1/11 BEDROOM? 80 67 NIA 26 14 NIA 26 14 NIA 26 14 NIA 2711 RESPENTIAL W1/112 BEDROOM? 70 60 NIA 27 17 NIA 70 60 NIA 27 17 NIA 27 18 NIA 28 NIA 27 18 NIA 28	R2/109	RESIDENTIAL	W2/109	BEDROOM	78	61	N/A	24	10	N/A	78	61	N/A	24	10	N/A
27211 RESIDENTIAL W7/110 IND 100 P7 64 N/A 25 11 N/A 79 64 N/A 25 11 N/A 79 64 N/A 25 11 N/A 25 14 N/A 25 15 N/A 25 15 N/A 27 17 N/A 27 18 N/A 28 N/	Gnd Floor															
STREAM OF STREAM	R2/110	RESIDENTIAL	W6/110	LKD	78	63	N/A	24	10	N/A						
11/11 RESIDENTIAL W1/11 BEDROOM? 80 67 N/A 26 14 N/A 80 67 N/A 26 14 N/A 12/111 RESIDENTIAL W2/111 BEDROOM? 80 67 N/A 26 14 N/A 80 67 N/A 26 14 N/A 14/112 RESIDENTIAL W1/112 BEDROOM? 70 60 N/A 27 17 N/A 70 60 N/A 27 17 N/A 15/112 RESIDENTIAL W2/112 BEDROOM? 70 62 N/A 27 19 N/A 70 62 N/A 27 19 N/A 15/112 RESIDENTIAL W2/112 BEDROOM? 70 62 N/A 27 19 N/A 70 62 N/A 27 19 N/A 15/112 RESIDENTIAL W2/112 BEDROOM? 70 62 N/A 27 19 N/A 70 62 N/A 27 19 N/A 70 62 N/A 27 19 N/A 15/113 RESIDENTIAL W3/109 BEDROOM? 78 58 N/A 24 7 N/A 78 58 N/A 25 7 N/A 25 7 N/A 15/113 RESIDENTIAL W3/109 BEDROOM? 79 58 N/A 25 7 N/A 26 7 N/A 78 58 N/A 25 7 N/A 26 N/A 27 N/A 15/113 RESIDENTIAL W3/110 BEDROOM? 80 61 N/A 26 7 N/A 26 7 N/A 80 61 N/A 26 7 N/A 26 N/A 27 N/A 15/113 RESIDENTIAL W3/111 BEDROOM? 80 61 N/A 26 7 N/A 26 13 N/A 80 61 N/A 26 7 N/A 26 13 N/A 15/EDENTIAL W3/111 BEDROOM? 80 65 N/A 26 12 N/A 80 61 N/A 26 N/A 26 13 N/A 15/EDENTIAL W3/111 BEDROOM? 80 85 N/A 27 N/A 80 61 N/A 26 N/A 26 13 N/A 15/EDENTIAL W3/111 BEDROOM? 80 85 N/A 26 N/A 27 N/A 80 68 N/A 26 13 N/A 15/EDENTIAL W3/111 BEDROOM? 80 86 N/A 27 N/A 80 61 N/A 27 N/A 80 61 N/A 26 N/A 26 N/A 27 N/A 80 80 80 N/A 27 N/A	R2/110	RESIDENTIAL	W7/110	LKD	79	64	N/A	25	11	N/A	79	64	N/A	25	11	N/A
RESIDENTIAL   W2/11   BEDROOM?   BO 67 N/A 25 14 N/A BO 67 N/A 26 14 N/A   RESIDENTIAL   W2/112 BEDROOM?   70 60 N/A 27 17 N/A 70 60 N/A 27 19 N/A   70 00 N/A 27 19 N/A   70 N/	1st Floor															
AND FROM THAT IN THE PROPERTY OF THE PROPERTY	R1/111	RESIDENTIAL	W1/111	BEDROOM?	80	67	N/A	26	14	N/A	80	67	N/A	26	14	N/A
11/112 RESIDENTIAL W1/112 BEDROOM? 70 60 N/A 27 17 N/A 70 60 N/A 27 17 N/A  12/112 RESIDENTIAL W2/112 BEDROOM? 70 60 N/A 27 19 N/A 70 60 N/A 27 19 N/A  3 AGAR GROVE	R2/111	RESIDENTIAL	W2/111	BEDROOM?	80	67	N/A	26	14	N/A	80	67	N/A	26	14	N/A
12/112 RESIDENTIAL W2/112 BEDROOM? 70 62 N/A 27 19 N/A 70 62 N/A 27 19 N/A  S AGAR GROUP  SAGAR	2nd Floor															
SAGAR GROVE  SAGAR	R1/112	RESIDENTIAL	W1/112	BEDROOM?	70	60	N/A	27	17	N/A	70	60	N/A	27	17	N/A
RESERVOR  SERIOR TIAL  WE WIND BEDROOM?  78 58 N/A 24 7 N/A 78 58 N/A 25 7 N/A 79 79 N/A 79 79 N/A 79 79 N/A 79 79 N/A	R2/112	RESIDENTIAL	W2/112	BEDROOM?	70	62	N/A	27	19	N/A	70	62	N/A	27	19	N/A
RESIDENTIAL W3/109 BEDROOM? 78 58 N/A 24 7 N/A 78 58 N/A 24 7 N/A 78 58 N/A 24 7 N/A 78 78 58 N/A 24 7 N/A 78 78 58 N/A 25 7 N/A 79 79 79 79 79 79 79 79 79 79 79 79 79	15 AGAR GRO	OVE														
RESIDENTIAL W4/109 BEDROOM? 79 S8 N/A 25 7 N/A 79 S8 N/A 25 7 N/A  RESIDENTIAL W8/110 BEDROOM? 78 64 N/A 24 10 N/A 78 64 N/A 24 10 N/A  RESIDENTIAL W9/110 BEDROOM? 80 61 N/A 26 7 N/A 80 61 N/A 26 7 N/A  SST FLOOT  RESIDENTIAL W3/111 BEDROOM? 80 67 N/A 26 13 N/A 80 67 N/A 26 13 N/A  RESIDENTIAL W4/111 BEDROOM? 80 66 N/A 26 12 N/A 80 66 N/A 26 12 N/A  RESIDENTIAL W4/111 BEDROOM? 80 66 N/A 26 12 N/A 80 66 N/A 26 12 N/A  RESIDENTIAL W4/112 BEDROOM? 70 60 N/A 27 17 N/A 70 60 N/A 27 17 N/A  RESIDENTIAL W4/112 BEDROOM? 71 62 N/A 27 18 N/A 71 62 N/A 27 18 N/A  RESIDENTIAL W4/112 BEDROOM? 71 62 N/A 27 18 N/A 71 62 N/A 27 18 N/A  RESIDENTIAL W4/112 BEDROOM? 71 65 N/A 27 18 N/A 71 62 N/A 27 18 N/A  RESIDENTIAL W4/112 BEDROOM? 71 65 N/A 27 18 N/A 71 62 N/A 27 18 N/A  RESIDENTIAL W4/112 BEDROOM? 77 57 N/A 24 6 N/A 77 57 N/A 24 6 N/A  RESIDENTIAL W4/129 BEDROOM 76 59 N/A 23 7 N/A 76 59 N/A 23 7 N/A	Base Floor															
Signation Residential W8/110 Bedroom? 78 64 N/A 24 10 N/A 78 64 N/A 24 10 N/A 80 61 N/A 26 7 N/A 81 61 N/A 26 13 N/A 81 61 N/A 81 81 81 81 81 81 81 81 81 81 81 81 81	R3/109															
R3/110 RESIDENTIAL W8/110 BEDROOM? 78 64 N/A 24 10 N/A 78 64 N/A 24 10 N/A 78 64 N/A 24 10 N/A 26 7 N/A 26 13 N/A 26 12 N/A 27 17 N/A 28 11 N	R4/109	RESIDENTIAL	W4/109	BEDROOM?	79	58	N/A	25	7	N/A	79	58	N/A	25	7	N/A
14/110 RESIDENTIAL W9/110 BEDROOM? 80 61 N/A 26 7 N/A 80 61 N/A 26 7 N/A 26 13 N/A 26 12 N/A 27 17 N/A 28/A111 RESIDENTIAL W4/111 BEDROOM? 80 66 N/A 26 12 N/A 80 66 N/A 26 12 N/A 26 12 N/A 27 17 N/A 28/A112 RESIDENTIAL W3/112 BEDROOM? 70 60 N/A 27 17 N/A 27 18 N/A 70 60 N/A 27 18 N/A 71 62 N/A 27 18 N/A 71 62 N/A 27 18 N/A 71 62 N/A 27 18 N/A 71 71 71 82 N/A 71 88	Gnd Floor															
Set Floor  13/111 RESIDENTIAL W3/111 BEDROOM? 80 67 N/A 26 13 N/A 80 67 N/A 26 13 N/A  14/111 RESIDENTIAL W4/111 BEDROOM? 80 66 N/A 26 12 N/A 80 66 N/A 26 12 N/A  13/112 RESIDENTIAL W3/112 BEDROOM? 70 60 N/A 27 17 N/A 70 60 N/A 27 17 N/A  14/112 RESIDENTIAL W4/112 BEDROOM? 71 62 N/A 27 18 N/A 71 62 N/A 27 18 N/A  14/112 RESIDENTIAL W4/112 BEDROOM? 71 57 N/A 24 6 N/A 77 57 N/A 24 6 N/A  14/129 RESIDENTIAL W1/129 BEDROOM 77 57 N/A 24 6 N/A 77 57 N/A 24 6 N/A  14/129 RESIDENTIAL W2/129 BEDROOM 76 59 N/A 23 7 N/A 76 59 N/A 23 7 N/A	R3/110															
13/111 RESIDENTIAL W3/111 BEDROOM? 80 67 N/A 26 13 N/A 80 67 N/A 26 13 N/A 14/111 RESIDENTIAL W4/111 BEDROOM? 80 66 N/A 26 12 N/A 80 66 N/A 26 12 N/A 15/112 RESIDENTIAL W3/112 BEDROOM? 70 60 N/A 27 17 N/A 70 60 N/A 27 17 N/A 14/112 RESIDENTIAL W4/112 BEDROOM? 71 62 N/A 27 18 N/A 71 62 N/A 27 18 N/A 15/12 RESIDENTIAL W4/112 BEDROOM? 71 57 N/A 24 6 N/A 77 57 N/A 24 6 N/A 15/12 RESIDENTIAL W1/129 BEDROOM 77 57 N/A 24 6 N/A 77 57 N/A 24 6 N/A 15/129 RESIDENTIAL W2/129 BEDROOM 76 59 N/A 23 7 N/A 76 59 N/A 23 7 N/A	R4/110	RESIDENTIAL	W9/110	BEDROOM?	80	61	N/A	26	7	N/A	80	61	N/A	26	7	N/A
R4/111 RESIDENTIAL W4/111 BEDROOM? 80 66 N/A 26 12 N/A 80 66 N/A 26 12 N/A RESIDENTIAL W3/112 BEDROOM? 70 60 N/A 27 17 N/A 70 60 N/A 27 17 N/A 70 80 80 80 80 80 80 80 80 80 80 80 80 80	1st Floor															
And Floor  R3/112 RESIDENTIAL W3/112 BEDROOM? 70 60 N/A 27 17 N/A 70 60 N/A 27 17 N/A  R4/112 RESIDENTIAL W4/112 BEDROOM? 71 62 N/A 27 18 N/A 71 62 N/A 27 18 N/A  R4/112 RESIDENTIAL W4/112 BEDROOM? 71 62 N/A 27 18 N/A 71 62 N/A 27 18 N/A  R4/112 RESIDENTIAL W4/112 BEDROOM? 71 57 N/A 24 6 N/A 77 57 N/A 24 6 N/A  R4/12 RESIDENTIAL W1/129 BEDROOM 76 59 N/A 23 7 N/A 76 59 N/A 23 7 N/A	R3/111															
R3/112 RESIDENTIAL W3/112 BEDROOM? 70 60 N/A 27 17 N/A 70 60 N/A 27 17 N/A R4/112 RESIDENTIAL W4/112 BEDROOM? 71 62 N/A 27 18 N/A 71 83	R4/111	RESIDENTIAL	W4/111	BEDROOM?	80	66	N/A	26	12	N/A	80	66	N/A	26	12	N/A
R4/112 RESIDENTIAL W4/112 BEDROOM? 71 62 N/A 27 18 N/A 71 62 N/A 27 18 N/A  R5/AGAR GROVE  R1/129 RESIDENTIAL W1/129 BEDROOM 77 57 N/A 24 6 N/A 77 57 N/A 24 6 N/A  R2/129 RESIDENTIAL W2/129 BEDROOM 76 59 N/A 23 7 N/A 76 59 N/A 23 7 N/A	2nd Floor															
AZ/AGAR GROVE  Base Floor  M1/129 RESIDENTIAL W1/129 BEDROOM 77 57 N/A 24 6 N/A 77 57 N/A 24 6 N/A  M2/129 RESIDENTIAL W2/129 BEDROOM 76 59 N/A 23 7 N/A 76 59 N/A 23 7 N/A	R3/112				70											
Base Floor RESIDENTIAL W1/129 BEDROOM 77 57 N/A 24 6 N/A 77 57 N/A 24 6 N/A R2/129 RESIDENTIAL W2/129 BEDROOM 76 59 N/A 23 7 N/A 76 59 N/A 23 7 N/A	R4/112		W4/112	BEDROOM?	71	62	N/A	27	18	N/A	71	62	N/A	27	18	N/A
R1/129 RESIDENTIAL W1/129 BEDROOM 77 57 N/A 24 6 N/A 77 57 N/A 24 6 N/A 22/129 RESIDENTIAL W2/129 BEDROOM 76 59 N/A 23 7 N/A 76 59 N/A 23 7 N/A	17 AGAR GRO	OVE														
R2/129 RESIDENTIAL W2/129 BEDROOM 76 59 N/A 23 7 N/A 76 59 N/A 23 7 N/A	Base Floor															
	R1/129	RESIDENTIAL	W1/129	BEDROOM	77	57	N/A	24	6	N/A	77	57	N/A	24	6	N/A
Gnd Floor	R2/129	RESIDENTIAL	W2/129	BEDROOM	76	59	N/A	23	7	N/A	76	59	N/A	23	7	N/A
	Gnd Floor															

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	Property type	Window ref.	Room use	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value
R1/130	RESIDENTIAL	W1/130	BEDROOM	79	63	N/A	26	10	N/A	79	63	N/A	26	10	N/A
R2/130	RESIDENTIAL	W2/130	BEDROOM	80	63	N/A	27	10	N/A	80	63	N/A	27	10	N/A
1st Floor															
R2/131	RESIDENTIAL	W2/131	BEDROOM	79	68	N/A	26	15	N/A	79	68	N/A	26	15	N/A
R3/131	RESIDENTIAL	W3/131	BEDROOM	80	68	N/A	27	15	N/A	80	68	N/A	27	15	N/A
2nd Floor															
R2/132	RESIDENTIAL	W2/132	BEDROOM	72	64	N/A	27	19	N/A	72	64	N/A	27	19	N/A
R3/132	RESIDENTIAL	W3/132	BEDROOM	72	64	N/A	27	19	N/A	72	64	N/A	27	19	N/A
19 AGAR GROV	/E														
Base Floor															
R3/129	RESIDENTIAL	W3/129	BEDROOM	76	58	N/A	25	8	N/A	76	58	N/A	25	8	N/A
R4/129	RESIDENTIAL	W4/129	BEDROOM	75	57	N/A	24	8	N/A	75	57	N/A	24	8	N/A
Gnd Floor															
,	RESIDENTIAL RESIDENTIAL	W3/130 W4/130	BEDROOM BEDROOM	78 77	64 62	N/A N/A	27 26	13 11	N/A N/A	78	64	N/A	27	13	N/A
1st Floor	RESIDENTIAL	W4/130	BEDICOM	"	02	N/A	20	-11	N/A	70	04	NA	2,	13	NA
	RESIDENTIAL	W4/131	BEDROOM	78	67	N/A	27	16	N/A						
	RESIDENTIAL	W5/131	BEDROOM	78	67	N/A	27	16	N/A	78	68	N/A	27	17	N/A
2nd Floor															
R4/132	RESIDENTIAL	W4/132	BEDROOM	72	66	N/A	27	21	N/A	72	66	N/A	27	21	N/A
R5/132	RESIDENTIAL	W5/132	BEDROOM	72	65	N/A	27	20	N/A	72	65	N/A	27	20	N/A
21 AGAR GROV	/E														
Base Floor															
R1/139	RESIDENTIAL	W1/139	LIVINGROOM	68	56	N/A	21	10	N/A	68	56	N/A	21	10	N/A
R2/139	RESIDENTIAL	W2/139	BEDROOM	69	61	N/A	20	12	N/A	69	61	N/A	20	12	N/A
Gnd Floor															
R1/140	RESIDENTIAL	W1/140	LIVINGROOM	80	69	N/A	27	16	N/A	80	69	N/A	27	16	N/A
R3/140	RESIDENTIAL	W5/140	BEDROOM	80	69	N/A	27	16	N/A	80	69	N/A	27	16	N/A
1st Floor															
R1/141	RESIDENTIAL	W1/141	LIVINGROOM	84	73	N/A	30	19	N/A	84	73	N/A	30	19	N/A
R3/141	RESIDENTIAL	W3/141	KITCHEN	83	73	N/A	29	19	N/A	83	73	N/A	29	19	N/A
2nd Floor															
R1/142	RESIDENTIAL	W1/142	BEDROOM	83	73	N/A	29	19	N/A	83	73	N/A	29	19	N/A
R3/142	RESIDENTIAL	W3/142	BEDROOM	82	75	N/A	29	22	N/A	82	75	N/A	29	22	N/A
23 AGAR GROV	/E														
Base Floor															
R3/139	RESIDENTIAL	W3/139	LIVINGROOM	71	63	N/A	23	15	N/A	71	63	N/A	23	15	N/A
R4/139	RESIDENTIAL	W4/139	BEDROOM	54	45	N/A	19	10	N/A	54	45	N/A	19	10	N/A
Gnd Floor															
R4/140	RESIDENTIAL	W6/140	LIVINGROOM	82	71	N/A	29	18	N/A	82	71	N/A	29	18	N/A
R6/140	RESIDENTIAL	W10/140	BEDROOM	81	71	N/A	29	19	N/A	81	71	N/A	29	19	N/A
1st Floor															
R4/141	RESIDENTIAL	W4/141	LIVINGROOM	81	73	N/A	28	20	N/A	81	73	N/A	28	20	N/A
R6/141	RESIDENTIAL	W6/141	BEDROOM	80	74	N/A	28	22	N/A	80	74	N/A	28	22	N/A
2nd Floor															
I 1001			DEDDOOM	81	77	N/A	28	24	N/A	81	77	N/A	28	24	N/A
	RESIDENTIAL	W4/142	BEDROOM	01		.,,			,,,,,			,	20	24	,
R4/142	RESIDENTIAL RESIDENTIAL	W4/142 W6/142	BEDROOM	80	76	N/A	28	24	N/A	80	76	N/A	28	24	N/A

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PROPERTY					ANI	NUAL SUNLI (% APSH)	ЭНТ	l	NTER SUNLIC		AN	NUAL SUNLIC (% APSH)	GHT		NTER SUNLIC	
Room ref.	Property type	Flat no.	Window ref.	Room use	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value	Existing (%)	Proposed (%)	*Factor of former value
1st Floor																
R2/151	RESIDENTIAL		W2/151	BEDROOM	30	30	N/A	10	10	N/A	30	30	N/A	10	10	N/A
R3/151	RESIDENTIAL		W3/151	BEDROOM	55	50	N/A	23	18	N/A	55	50	N/A	23	18	N/A
R4/151	RESIDENTIAL		W4/151	BEDROOM	68	65	N/A	23	20	N/A	68	65	N/A	23	20	N/A
2nd Floor																
R2/152	RESIDENTIAL		W2/152	BEDROOM	59	59	N/A	14	14	N/A	59	59	N/A	14	14	N/A
R3/152	RESIDENTIAL		W3/152	BEDROOM	62	59	N/A	22	19	N/A	62	59	N/A	22	19	N/A
R4/152	RESIDENTIAL		W4/152	BEDROOM	68	68	N/A	23	23	N/A	68	68	N/A	23	23	N/A
3rd Floor																
R1/153	RESIDENTIAL		W1/153	BEDROOM	72	72	N/A	25	25	N/A	72	72	N/A	25	25	N/A
R2/153	RESIDENTIAL		W2/153	BATHROOM	68	67	N/A	24	23	N/A	68	67	N/A	24	23	N/A
R3/153	RESIDENTIAL		W3/153	BEDROOM	68	68	N/A	23	23	N/A	68	68	N/A	23	23	N/A
CRANBOURNE	HOUSE															
Gnd Floor																
R1/360 R1/360	RESIDENTIAL RESIDENTIAL		W1/360 W2/360	LKD LKD	4 29	4 20	1.00 0.69	0	0 2	- 0.67						
R1/360	RESIDENTIAL		W3/360	LKD	20	11	0.55	0	0	-						
R1/360 R1/360	RESIDENTIAL RESIDENTIAL		W4/360 W5/360	LKD LKD	20 35	11 26	0.55 N/A	0 6	0 5	N/A	40	30	N/A	6	5	N/A
R2/360	RESIDENTIAL		W6/360	LIVINGROOM	18	10	0.56	0	0	-						
R2/360 R2/360	RESIDENTIAL RESIDENTIAL		W7/360 W8/360	LIVINGROOM LIVINGROOM	34 18	25 9	N/A 0.50	6 0	5 0	N/A -						
R2/360	RESIDENTIAL		W9/360	LIVINGROOM	34	24	0.71	6	5	N/A	34	25	N/A	6	5	N/A
R3/360 R3/360	RESIDENTIAL RESIDENTIAL		W10/360 W11/360		17 41	7 29	0.41 N/A	0 9	0 7	- N/A						
R3/360 R3/360	RESIDENTIAL RESIDENTIAL		W12/360 W13/360		33 32	22 22	0.67 0.69	7 7	5 5	N/A N/A						
R3/360 R3/360	RESIDENTIAL RESIDENTIAL		W14/360 W15/360	LKD	60 13	55 13	N/A 1.00	13 12	10 12	N/A N/A	79	69	N/A	24	21	N/A
1st Floor			.,							·			,			,
R2/361	RESIDENTIAL		W2/361	BED	22	14	0.64	1	0	0.00						
R2/361	RESIDENTIAL		W3/361	BED	47	39	N/A	11	9	N/A	48	39	N/A	11	9	N/A
R3/361 R3/361	RESIDENTIAL RESIDENTIAL		W4/361 W5/361	BED BED	21 47	14 39	0.67 N/A	1 11	0 9	0.00 N/A						
R3/361 R3/361	RESIDENTIAL RESIDENTIAL		W6/361 W7/361	BED BED	21 47	13 37	0.62 N/A	1 11	0 8	0.00 N/A	47	39	N/A	11	9	N/A
R4/361	RESIDENTIAL		W8/361	BED	20	12	0.60	1	0	0.00						
R4/361	RESIDENTIAL		W9/361	BED	48	37	N/A	13	9	N/A	48	37	N/A	13	9	N/A
FERNDOWN H	IOUSE															
Gnd Floor																
R1/370 R1/370	RESIDENTIAL RESIDENTIAL		W1/370 W2/370	LIVINGROOM LIVINGROOM	8 11	8 11	1.00 1.00	0 0	0 0	-						
R1/370 R1/370	RESIDENTIAL RESIDENTIAL		W3/370 W4/370	LIVINGROOM LIVINGROOM	5 2	0 0	0.00 0.00	0 0	0 0	-						
R1/370	RESIDENTIAL		W5/370	LIVINGROOM	21	12	0.57	2	0	0.00	32	23	0.72	2	0	0.00
R5/370	RESIDENTIAL		W11/370	BEDROOM	66	41	N/A	24	5	N/A	66	41	N/A	24	5	N/A
R6/370 R6/370	RESIDENTIAL RESIDENTIAL		W12/370 W13/370	BEDROOM BEDROOM	61 24	36 15	N/A 0.63	22 6	2 0	0.09 0.00						
R6/370	RESIDENTIAL		W14/370	BEDROOM	69	47	N/A	26	7	N/A	77	F2	N1 / A	36	7	N1 / A
R6/370	RESIDENTIAL		W15/370		26	23	0.88	9	6	N/A	77	53	N/A	26	7	N/A
R7/370 R7/370	RESIDENTIAL RESIDENTIAL		W16/370 W17/370	BEDROOM BEDROOM	20 56	13 33	0.65 N/A	5 21	0 3	0.00 0.14						
R7/370 R7/370	RESIDENTIAL RESIDENTIAL		W18/370 W19/370	BEDROOM BEDROOM	73 32	54 31	N/A N/A	25 10	9 9	N/A N/A	78	57	N/A	26	9	N/A
R8/370	RESIDENTIAL		W20/370	BEDROOM	70	53	N/A	25	11	N/A	70	53	N/A	25	11	N/A
1st Floor																
R1/371	RESIDENTIAL		W1/371	LIVINGROOM	8	8	1.00	0	0	-						
R1/371 R1/371	RESIDENTIAL RESIDENTIAL		W2/371 W3/371	LIVINGROOM LIVINGROOM	11 8	11 2	1.00 0.25	0 0	0 0	-						
R1/371 R1/371	RESIDENTIAL RESIDENTIAL		W4/371 W5/371	LIVINGROOM LIVINGROOM	5 27	0 15	0.00 0.56	0 3	0 0	- 0.00	38	27	N/A	3	0	0.00
R5/371	RESIDENTIAL			BEDROOM	68	44	N/A	26	8	N/A	68	44	N/A	26	8	N/A
R6/371	RESIDENTIAL			BEDROOM	24	16	0.67	6	1	0.17		- •	4		-	4
110/3/1	RESIDENTIAL		VV 11/3/1	BEDITOOIVI	I <sup>24</sup>	10	0.07	I <sup>o</sup>	1	0.1/	•			I		

Pet	WINTER SUNLI (% APSH IN WIN  xisting Proposed (%) (%)  28 10  27 12  27 13  26 14  4 2  26 12  28 16  28 16	NTER)
	(%) (%)  28 10  27 12  27 13  26 14  4 2  26 12  28 16	N/A  N/A  N/A  N/A  N/A
86/371 8FSIDENTIAL W13/371 BEBOOOM 26 24 40 092 9 7 N/A 79 57 N/A 78 78/371 RESIDENTIAL W13/371 BEBOOOM 26 24 092 9 7 N/A 79 57 N/A 78 78/371 RESIDENTIAL W13/371 BEBOOOM 50 38 N/A 23 7 N/A 78 78/371 RESIDENTIAL W13/371 BEBOOOM 50 38 N/A 23 7 N/A 80 80 N/A 80 80 N/A 80 80 N/A 80 80 N/A 80/371 RESIDENTIAL W13/371 BEBOOOM 75 55 N/A 27 10 N/A 80/371 RESIDENTIAL W13/371 BEBOOOM 75 55 N/A 27 10 N/A 80 80 N/A 28 80/371 RESIDENTIAL W13/371 BEBOOOM 72 56 N/A 27 10 N/A 80 80 N/A 28 80/371 RESIDENTIAL W13/371 BEBOOOM 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	27 12 27 13 26 14 4 2 26 12 28 16	N/A N/A N/A
16/571   RESIDENTIAL   W14/5731   BEDROOM   26   24   0.92   9   7   N/A   79   57   N/A   2	27 12 27 13 26 14 4 2 26 12 28 16	N/A N/A N/A
\$2/371   RESIDENTIAL	27 13 26 14 4 2 26 12 28 16	N/A N/A 0.50 N/A
B7/371   RESIDENTIAL   W15/371   BEDROOM   75   55   N/A   10   9   N/A   80   60   N/A   2   2   2   2   3   3   N/A   10   9   N/A   80   60   N/A   2   2   2   3   3   N/A   10   9   N/A   80   60   N/A   2   2   3   3   N/A   10   9   N/A   80   60   N/A   2   2   3   3   N/A   10   9   N/A   80   60   N/A   2   2   3   3   N/A   10   9   N/A   80   60   N/A   2   2   3   3   N/A   3   3   3   3   N/A   3   3   3   3   3   3   3   3   3	27 13 26 14 4 2 26 12 28 16	N/A N/A 0.50 N/A
## ## ## ## ## ## ## ## ## ## ## ## ##	27 13 26 14 4 2 26 12 28 16	N/A N/A 0.50 N/A
BR/371   BESIDENTIAL   W21/371   KITCHEN   78   63   N/A   16   13   N/A   85   70   N/A   2	26 14  4 2 26 12  28 16	N/A 0.50 N/A
Re/371 RESIDENTIAL W1/372 LIVINGROOM 8 8 8 1.00 0 0 0 - RI/372 RESIDENTIAL W1/372 LIVINGROOM 11 11 11 1.00 0 0 0 - RI/372 RESIDENTIAL W1/372 LIVINGROOM 12 11 11 1.00 0 0 0 - RI/372 RESIDENTIAL W1/372 LIVINGROOM 9 3 0.33 0 0 - RI/372 RESIDENTIAL W4/372 LIVINGROOM 6 0 0.00 0 0 - RI/372 RESIDENTIAL W4/372 LIVINGROOM 9 0 3 0.33 0 0 0 - RI/372 RESIDENTIAL W4/372 LIVINGROOM 6 0 0 0.00 0 0 0 - RI/372 RESIDENTIAL W4/372 REDROOM 64 48 N/A 24 11 N/A RESIDENTIAL W4/372 REDROOM 65 0 8 N/A 28 N/A 88	<ul> <li>4</li> <li>2</li> <li>26</li> <li>12</li> <li>28</li> <li>16</li> </ul>	0.50 N/A
2nd Floor	<ul> <li>4</li> <li>2</li> <li>26</li> <li>12</li> <li>28</li> <li>16</li> </ul>	0.50 N/A
R1/372 RESIDENTIAL W1/372 LUNINGROOM 11 11 11 1.00 0 0 0 - R1/372 RESIDENTIAL W2/372 LUNINGROOM 11 11 11 1.00 0 0 0 - R1/372 RESIDENTIAL W3/372 LUNINGROOM 9 3 0.33 0 0 0 - R1/372 RESIDENTIAL W3/372 LUNINGROOM 6 0 0.00 0 0 0 - R1/372 RESIDENTIAL W3/372 LUNINGROOM 29 21 0.72 4 2 0.50 41 32 N/A - R5/372 RESIDENTIAL W3/372 BEDROOM 29 10 0.72 4 2 0.50 41 32 N/A - R5/372 RESIDENTIAL W1/373 BEDROOM 29 10 0.72 4 2 0.50 41 32 N/A - R5/372 RESIDENTIAL W1/373 BEDROOM 25 19 0.76 6 2 0.33 R6/372 RESIDENTIAL W1/372 BEDROOM 64 48 N/A 24 11 N/A R6/372 RESIDENTIAL W1/372 BEDROOM 64 48 N/A 24 11 N/A R6/372 RESIDENTIAL W1/372 BEDROOM 26 25 N/A 9 8 N/A 80 65 N/A 24 11 N/A R6/373 RESIDENTIAL W1/372 BEDROOM 26 25 N/A 9 8 N/A 80 65 N/A 24 10 N/A 80 65 N/A 24 10 N/A 80 87/372 RESIDENTIAL W1/372 BEDROOM 60 43 N/A 24 10 N/A 80 87/372 RESIDENTIAL W1/372 BEDROOM 66 43 N/A 24 10 N/A 80 87/372 RESIDENTIAL W1/372 BEDROOM 66 43 N/A 24 10 N/A 80 87/372 RESIDENTIAL W1/372 BEDROOM 66 43 N/A 24 10 N/A 80 87/372 RESIDENTIAL W1/372 BEDROOM 66 43 N/A 24 10 N/A 80 87/372 RESIDENTIAL W1/372 BEDROOM 66 13 N/A 24 10 N/A 81 65 N/A 80/37372 RESIDENTIAL W1/372 BEDROOM 76 61 N/A 28 15 N/A 80/37372 RESIDENTIAL W1/373 BEDROOM 76 61 N/A 28 15 N/A 80/37372 RESIDENTIAL W1/373 BEDROOM 74 61 N/A 28 15 N/A 80/37372 RESIDENTIAL W1/373 BEDROOM 74 61 N/A 28 17 N/A 80/37372 RESIDENTIAL W1/373 LUNINGROOM 8 3 3 0.33 0 0 0 - R1/3733 RESIDENTIAL W2/373 LUNINGROOM 66 1 N/A 16 N/A 87 76 N/A 24 11 N/A 88/3733 RESIDENTIAL W3/373 BEDROOM 77 8 61 N/A 24 13 N/A 46 38 N/A 80/3737 RESIDENTIAL W3/373 BEDROOM 77 8 61 N/A 24 13 N/A 46 38 N/A 80/3733 RESIDENTIAL W3/373 BEDROOM 77 67 N/A 28 18 N/A 80/3733 RESIDENTIAL W3/373 BEDROOM 77 67 N/A 28 18 N/A 80/3733 RESIDENTIAL W3/373 BEDROOM 77 67 N/A 28 18 N/A 80/373 RESIDENTIAL W3/373 BEDROOM 66 1 0.07 0 - R3/373 RESIDENTIAL W3/373 BEDROOM 77 67 N/A 28 18 N/A 80/373 RESIDENTIAL W3/373 BEDROOM 77 67 N/A 28 18 N/A 80/373 RESIDENTIAL W3/373 BEDROOM 66 52 N/A 24 13 N/A 80/373 RESIDENTIAL W3/373 BEDROOM 66 60 50 N/A 24 13 N/A 80/373 RESIDENTIAL	26 12 28 16 28 15	N/A
RIJ372 RESIDENTIAL W2/372 LIVINGROOM 9 3 0.33 0 0 0 - RIJ372 RESIDENTIAL W3/372 LIVINGROOM 9 3 0.33 0 0 0 - RIJ372 RESIDENTIAL W4/372 LIVINGROOM 6 0 0.00 0 0 0 - RIJ372 RESIDENTIAL W4/372 LIVINGROOM 6 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 12 28 16 28 15	N/A
R1/372 RESIDENTIAL W3/372 LIVINGROOM 9 3 3 0.33 0 0 0 - R1/372 RESIDENTIAL W4/372 LIVINGROOM 6 0 0.00 0 0 0 - R1/372 RESIDENTIAL W4/372 LIVINGROOM 29 21 0.72 4 2 0.50 41 32 N/A - R5/372 RESIDENTIAL W1/372 BEDROOM 6 0 0 0.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 12 28 16 28 15	N/A
R1/372 RESIDENTIAL W4/372 LIVINGROOM 29 21 0.70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	26 12 28 16 28 15	N/A
R5/372 RESIDENTIAL W10/372 BEDROOM 69 50 N/A 26 12 N/A 69 50 N/A 2  R6/372 RESIDENTIAL W11/372 BEDROOM 25 19 0.76 6 2 0.33  R6/372 RESIDENTIAL W12/372 BEDROOM 64 48 N/A 24 11 N/A  R6/372 RESIDENTIAL W13/372 BEDROOM 71 57 N/A 28 15 N/A  R6/372 RESIDENTIAL W13/372 BEDROOM 26 25 N/A 9 8 N/A 80 65 N/A 2  R7/372 RESIDENTIAL W16/372 BEDROOM 26 25 N/A 9 8 N/A 80 65 N/A 2  R7/372 RESIDENTIAL W16/372 BEDROOM 60 43 N/A 24 10 N/A  R7/372 RESIDENTIAL W16/372 BEDROOM 60 43 N/A 28 15 N/A  R7/372 RESIDENTIAL W16/372 BEDROOM 76 61 N/A 28 15 N/A  R7/372 RESIDENTIAL W18/372 BEDROOM 76 61 N/A 28 15 N/A  R8/372 RESIDENTIAL W18/372 BEDROOM 74 61 N/A 28 15 N/A  R8/372 RESIDENTIAL W19/372 BEDROOM 74 61 N/A 28 16 N/A 74 61 N/A 2  R8/372 RESIDENTIAL W20/372 KITCHEN 80 68 N/A 28 17 N/A  R8/372 RESIDENTIAL W21/373 LIVINGROOM 60 61 10 0 0 0 -  R1/373 RESIDENTIAL W21/373 LIVINGROOM 14 14 14 100 0 0 0 -  R1/373 RESIDENTIAL W23/33 LIVINGROOM 14 14 14 100 0 0 0 -  R1/373 RESIDENTIAL W3/373 LIVINGROOM 6 1 0 0 0 -  R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0 0 0 -  R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0 0 0 -  R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0 0 0 -  R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0 0 0 -  R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0 0 0 -  R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0 0 0 -  R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0 0 0 -  R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0 0 0 -  R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0 0 0 -  R6/373 RESIDENTIAL W1/373 BEDROOM 68 56 N/A 26 16 N/A 68 56 N/A 2  R6/373 RESIDENTIAL W1/373 BEDROOM 64 52 N/A 24 13 N/A  R6/373 RESIDENTIAL W1/373 BEDROOM 64 52 N/A 24 13 N/A  R6/373 RESIDENTIAL W1/373 BEDROOM 77 67 N/A 28 18 N/A 84 73 N/A 86/373 RESIDENTIAL W1/373 BEDROOM 64 52 N/A 24 13 N/A 86/373 RESIDENTIAL W1/373 BEDROOM 64 52 N/A 24 13 N/A 86/373 RESIDENTIAL W1/373 BEDROOM 64 52 N/A 24 13 N/A 86/373 RESIDENTIAL W1/373 BEDROOM 64 52 N/A 24 13 N/A 84/373 N/A 86/373 RESIDENTIAL W1/373 BEDROOM 64 52 N/A 24 13 N/A 84/373 N/A 86/373 RESIDENTIAL W1/373 BEDROOM 64 52 N/A 24 13 N/A 84/373 N/A 8	26 12 28 16 28 15	N/A
R6/372 RESIDENTIAL W11/372 BEDROOM	28 16 28 15	·
R6/372 RESIDENTIAL W12/372 BEDROOM 64 48 N/A 24 11 N/A R6/372 RESIDENTIAL W13/372 BEDROOM 71 57 N/A 28 15 N/A 80 65 N/A 2 R6/372 RESIDENTIAL W14/373 BEDROOM 26 25 N/A 9 8 N/A 80 65 N/A 2 R7/372 RESIDENTIAL W16/372 BEDROOM 26 25 N/A 24 10 N/A 80 65 N/A 2 R7/372 RESIDENTIAL W16/372 BEDROOM 60 43 N/A 24 10 N/A 81 65 N/A 87/372 RESIDENTIAL W16/372 BEDROOM 76 61 N/A 28 15 N/A 87/372 RESIDENTIAL W18/372 BEDROOM 76 61 N/A 28 15 N/A 87/372 RESIDENTIAL W18/372 BEDROOM 76 61 N/A 28 15 N/A 87/372 RESIDENTIAL W18/372 BEDROOM 74 61 N/A 28 16 N/A 74 61 N/A 2 8 16 N/A 74 61 N/A 2 8 16 N/A 74 61 N/A 2 8 8 16 N/A 8 17 N/A 8 16 N/A 8 17 N/A 8 17 N/A 8 18 N/A 8 16 N/A 8 17 N/A 8 18 N/A 8 1	28 15	N/A
R6/372       RESIDENTIAL       W13/372       BEDROOM       71       57       N/A       28       15       N/A       80       65       N/A       2         R6/372       RESIDENTIAL       W14/372       BEDROOM       26       25       N/A       9       8       N/A       80       65       N/A       2         R7/372       RESIDENTIAL       W16/372       BEDROOM       60       43       N/A       24       10       N/A       N/A       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       7       8       0.50       8       0.50       8       0.50       8       0.50       8       0.50       8       0.50       8       0.50       8       0.50       8       0.50       0       0.60       0.70 <td>28 15</td> <td>N/A</td>	28 15	N/A
R6/372       RESIDENTIAL       W14/372       BEDROOM       26       25       N/A       9       8       N/A       80       65       N/A       2         R7/372       RESIDENTIAL       W15/372       BEDROOM       60       43       N/A       24       10       N/A       RR/372       RESIDENTIAL       W16/372       BEDROOM       76       61       N/A       24       10       N/A       81       65       N/A       87       77       61       N/A       24       10       N/A       81       65       N/A       76       61       N/A       10       10       N/A       81       65       N/A       80       68       N/A       10       10       N/A       81       65       N/A       2         R8/372       RESIDENTIAL       W19/372       BEDROOM       74       61       N/A       28       16       N/A       74       61       N/A       74	28 15	N/A
R7/372 RESIDENTIAL W15/372 BEDROOM 21 18 0.86 6 3 0.50 R7/372 RESIDENTIAL W16/372 BEDROOM 60 43 N/A 24 10 N/A R7/372 RESIDENTIAL W17/372 BEDROOM 76 61 N/A 28 15 N/A R7/372 RESIDENTIAL W18/372 BEDROOM 76 61 N/A 28 15 N/A 81 65 N/A 2 R8/372 RESIDENTIAL W18/372 BEDROOM 74 61 N/A 28 16 N/A 74 61 N/A 2 R8/372 RESIDENTIAL W19/372 BEDROOM 74 61 N/A 28 16 N/A 74 61 N/A 2 R8/372 RESIDENTIAL W20/372 KITCHEN 80 68 N/A 28 17 N/A 87 76 N/A 2 R9/372 RESIDENTIAL W21/372 KITCHEN 53 51 N/A 16 14 N/A 87 76 N/A 2 R1/373 RESIDENTIAL W21/373 LIVINGROOM 14 14 1.00 0 0 0 - R1/373 RESIDENTIAL W2/373 LIVINGROOM 14 14 1.00 0 0 0 - R1/373 RESIDENTIAL W3/373 LIVINGROOM 8 3 0.38 0 0 - R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0.17 0 0 - R1/373 RESIDENTIAL W5/373 LIVINGROOM 32 24 0.75 7 5 N/A 46 38 N/A R6/373 RESIDENTIAL W10/373 BEDROOM 68 56 N/A 26 16 N/A 68 56 N/A 2 R6/373 RESIDENTIAL W10/373 BEDROOM 64 52 N/A 24 13 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 30 29 N/A 9 8 N/A 84 73 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 30 29 N/A 9 8 N/A 84 73 N/A R7/373 RESIDENTIAL W14/373 BEDROOM 22 19 0.86 6 4 0.67	28 15	IN/A
R7/372 RESIDENTIAL W16/372 BEDROOM 60 43 N/A 24 10 N/A 74 RESIDENTIAL W17/372 BEDROOM 76 61 N/A 28 15 N/A 77372 RESIDENTIAL W17/372 BEDROOM 34 34 N/A 10 10 10 N/A 81 65 N/A 2 8 15 N/A 74 61 N/A 2 8 15 N/A 74 61 N/A 2 8 16 N/A 74 61 N/A 87 76 N/A 2 8 17 N/A 87 17 N/A 88 18 N/A 87 17 N/A 88 18 N/		
R7/372 RESIDENTIAL W17/372 BEDROOM 76 61 N/A 28 15 N/A 81 65 N/A 2 2 8 8 15 N/A 81 65 N/A 2 8 15 N/A 81 65 N/A 81 81 81 65 N/A 81 81 81 81 81 81 81 81 81 81 81 81 81		
R7/372 RESIDENTIAL W18/372 BEDROOM 34 34 N/A 10 10 N/A 81 65 N/A 2 R8/372 RESIDENTIAL W19/372 BEDROOM 74 61 N/A 28 16 N/A 74 61 N/A 2 R9/372 RESIDENTIAL W20/372 KITCHEN 80 68 N/A 28 17 N/A 87 76 N/A 2 R9/372 RESIDENTIAL W21/372 KITCHEN 53 51 N/A 16 14 N/A 87 76 N/A 2  3rd Floor  R1/373 RESIDENTIAL W2/373 LIVINGROOM 6 6 1 1.00 0 0 0 - R1/373 RESIDENTIAL W3/373 LIVINGROOM 8 3 0.38 0 0 0 - R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0.17 0 0 - R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0.17 0 0 - R1/373 RESIDENTIAL W4/373 LIVINGROOM 32 24 0.75 7 5 N/A 46 38 N/A  R5/373 RESIDENTIAL W10/373 BEDROOM 68 56 N/A 26 16 N/A 68 56 N/A 2 R6/373 RESIDENTIAL W11/373 BEDROOM 23 19 0.83 6 4 0.67 R6/373 RESIDENTIAL W12/373 BEDROOM 64 52 N/A 24 13 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A 24 R7/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A 24 R7/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A 24 R7/373 RESIDENTIAL W14/373 BEDROOM 22 19 0.86 6 4 0.67		
R8/372 RESIDENTIAL W19/372 BEDROOM 74 61 N/A 28 16 N/A 74 61 N/A 2  R9/372 RESIDENTIAL W20/372 KITCHEN 80 68 N/A 28 17 N/A 87 76 N/A 2  R1/373 RESIDENTIAL W1/373 LIVINGROOM 6 6 1 1.00 0 0 -  R1/373 RESIDENTIAL W2/373 LIVINGROOM 14 14 1.00 0 0 -  R1/373 RESIDENTIAL W3/373 LIVINGROOM 8 3 0.38 0 0 -  R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0.17 0 0 -  R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0.17 0 0 -  R1/373 RESIDENTIAL W5/373 LIVINGROOM 6 1 0.17 0 0 -  R1/373 RESIDENTIAL W5/373 LIVINGROOM 6 1 0.17 0 0 -  R1/373 RESIDENTIAL W5/373 BEDROOM 68 56 N/A 26 16 N/A 68 56 N/A 2  R6/373 RESIDENTIAL W10/373 BEDROOM 23 19 0.83 6 4 0.67  R6/373 RESIDENTIAL W12/373 BEDROOM 64 52 N/A 24 13 N/A  R6/373 RESIDENTIAL W12/373 BEDROOM 77 67 N/A 28 18 N/A  R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A  R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A  R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A  R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A  R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A  R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A  R6/373 RESIDENTIAL W15/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A  R6/373 RESIDENTIAL W15/373 BEDROOM 22 19 0.86 6 4 0.67		N/A
R9/372 RESIDENTIAL W20/372 KITCHEN 80 68 N/A 28 17 N/A 87 76 N/A 2 R9/372 RESIDENTIAL W21/372 KITCHEN 53 51 N/A 16 14 N/A 87 76 N/A 2  3rd Floor  R1/373 RESIDENTIAL W2/373 LIVINGROOM 6 6 1.00 0 0 - R1/373 RESIDENTIAL W3/373 LIVINGROOM 14 14 1.00 0 0 - R1/373 RESIDENTIAL W3/373 LIVINGROOM 6 1 0.17 0 0 - R1/373 RESIDENTIAL W3/373 LIVINGROOM 6 1 0.17 0 0 - R1/373 RESIDENTIAL W5/373 LIVINGROOM 6 1 0.17 0 0 - R1/373 RESIDENTIAL W5/373 LIVINGROOM 6 1 0.17 0 0 - R1/373 RESIDENTIAL W5/373 LIVINGROOM 6 1 0.17 0 0 0 - R1/373 RESIDENTIAL W5/373 LIVINGROOM 68 56 N/A 26 16 N/A 68 56 N/A 2  R5/373 RESIDENTIAL W10/373 BEDROOM 68 56 N/A 26 16 N/A 68 56 N/A 2  R6/373 RESIDENTIAL W11/373 BEDROOM 23 19 0.83 6 4 0.67 R6/373 RESIDENTIAL W11/373 BEDROOM 64 52 N/A 24 13 N/A R6/373 RESIDENTIAL W11/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A 24 73 N/A 25 73 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A 25 73 N/A 25 73 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A 25 73 N/A 25 73 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A 25 73 N/A 25 73 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A 25 N/A		N/A
R9/372 RESIDENTIAL W21/372 KITCHEN 53 51 N/A 16 14 N/A 87 76 N/A 2  3rd Floor  R1/373 RESIDENTIAL W1/373 LIVINGROOM 6 6 6 1.00 0 0 - R1/373 RESIDENTIAL W2/373 LIVINGROOM 14 14 14 1.00 0 0 - R1/373 RESIDENTIAL W3/373 LIVINGROOM 8 3 0.38 0 0 - R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0.17 0 0 - R1/373 RESIDENTIAL W5/373 LIVINGROOM 32 24 0.75 7 5 N/A 46 38 N/A  R5/373 RESIDENTIAL W10/373 BEDROOM 68 56 N/A 26 16 N/A 68 56 N/A 2  R6/373 RESIDENTIAL W11/373 BEDROOM 23 19 0.83 6 4 0.67 R6/373 RESIDENTIAL W12/373 BEDROOM 64 52 N/A 24 13 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A 24 73 N/A 24 73 N/A 25		.,,
R1/373 RESIDENTIAL W1/373 LIVINGROOM 6 6 6 1.00 0 0 - R1/373 RESIDENTIAL W2/373 LIVINGROOM 14 14 1.00 0 0 0 - R1/373 RESIDENTIAL W3/373 LIVINGROOM 8 3 0.38 0 0 - R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0.17 0 0 - R1/373 RESIDENTIAL W5/373 LIVINGROOM 32 24 0.75 7 5 N/A 46 38 N/A  R5/373 RESIDENTIAL W10/373 BEDROOM 68 56 N/A 26 16 N/A 68 56 N/A 2  R6/373 RESIDENTIAL W11/373 BEDROOM 23 19 0.83 6 4 0.67  R6/373 RESIDENTIAL W12/373 BEDROOM 64 52 N/A 24 13 N/A R6/373 RESIDENTIAL W12/373 BEDROOM 64 52 N/A 24 13 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 9 8 N/A 84 73 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 30 29 N/A 9 8 N/A 84 73 N/A 2  R7/373 RESIDENTIAL W15/373 BEDROOM 22 19 0.86 6 4 0.67	28 18	N/A
R1/373 RESIDENTIAL W2/373 LIVINGROOM 14 14 1.00 0 0 0 - R1/373 RESIDENTIAL W3/373 LIVINGROOM 8 3 0.38 0 0 - R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0.17 0 0 - R1/373 RESIDENTIAL W5/373 LIVINGROOM 6 1 0.17 0 0 - R1/373 RESIDENTIAL W5/373 LIVINGROOM 32 24 0.75 7 5 N/A 46 38 N/A  R5/373 RESIDENTIAL W10/373 BEDROOM 68 56 N/A 26 16 N/A 68 56 N/A 2  R6/373 RESIDENTIAL W11/373 BEDROOM 23 19 0.83 6 4 0.67 R6/373 RESIDENTIAL W12/373 BEDROOM 64 52 N/A 24 13 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 30 29 N/A 9 8 N/A 84 73 N/A 2  R7/373 RESIDENTIAL W15/373 BEDROOM 22 19 0.86 6 4 0.67		
R1/373 RESIDENTIAL W3/373 LIVINGROOM 8 3 0.38 0 0 0 - R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0.17 0 0 0 - R1/373 RESIDENTIAL W5/373 LIVINGROOM 32 24 0.75 7 5 N/A 46 38 N/A  R5/373 RESIDENTIAL W10/373 BEDROOM 68 56 N/A 26 16 N/A 68 56 N/A 2  R6/373 RESIDENTIAL W11/373 BEDROOM 23 19 0.83 6 4 0.67  R6/373 RESIDENTIAL W12/373 BEDROOM 64 52 N/A 24 13 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W14/373 BEDROOM 30 29 N/A 9 8 N/A 84 73 N/A 2  R7/373 RESIDENTIAL W14/373 BEDROOM 30 29 N/A 9 8 N/A 84 73 N/A 2  R7/373 RESIDENTIAL W15/373 BEDROOM 22 19 0.86 6 4 0.67		
R1/373 RESIDENTIAL W4/373 LIVINGROOM 6 1 0.17 0 0 0 - R1/373 RESIDENTIAL W5/373 LIVINGROOM 32 24 0.75 7 5 N/A 46 38 N/A R5/373 RESIDENTIAL W10/373 BEDROOM 68 56 N/A 26 16 N/A 68 56 N/A 2 R6/373 RESIDENTIAL W11/373 BEDROOM 23 19 0.83 6 4 0.67 R6/373 RESIDENTIAL W12/373 BEDROOM 64 52 N/A 24 13 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 30 29 N/A 9 8 N/A 84 73 N/A 2 R7/373 RESIDENTIAL W14/373 BEDROOM 30 29 N/A 9 8 N/A 84 73 N/A 2 R7/373 RESIDENTIAL W15/373 BEDROOM 22 19 0.86 6 4 0.67		
R1/373 RESIDENTIAL W5/373 LIVINGROOM 32 24 0.75 7 5 N/A 46 38 N/A 75 RESIDENTIAL W10/373 BEDROOM 68 56 N/A 26 16 N/A 68 56 N/A 26 R6/373 RESIDENTIAL W11/373 BEDROOM 64 52 N/A 24 13 N/A R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A 86/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A 84 73 N/A 28 N/A 84 N/A		
R5/373 RESIDENTIAL W10/373 BEDROOM 68 56 N/A 26 16 N/A 68 56 N/A 2  R6/373 RESIDENTIAL W11/373 BEDROOM 23 19 0.83 6 4 0.67  R6/373 RESIDENTIAL W12/373 BEDROOM 64 52 N/A 24 13 N/A  R6/373 RESIDENTIAL W13/373 BEDROOM 77 67 N/A 28 18 N/A  R6/373 RESIDENTIAL W14/373 BEDROOM 30 29 N/A 9 8 N/A 84 73 N/A 2  R7/373 RESIDENTIAL W15/373 BEDROOM 22 19 0.86 6 4 0.67	7 5	N/A
R6/373       RESIDENTIAL       W12/373       BEDROOM       64       52       N/A       24       13       N/A         R6/373       RESIDENTIAL       W13/373       BEDROOM       77       67       N/A       28       18       N/A         R6/373       RESIDENTIAL       W14/373       BEDROOM       30       29       N/A       9       8       N/A       84       73       N/A       2         R7/373       RESIDENTIAL       W15/373       BEDROOM       22       19       0.86       6       4       0.67	26 16	N/A
R6/373       RESIDENTIAL       W12/373       BEDROOM       64       52       N/A       24       13       N/A         R6/373       RESIDENTIAL       W13/373       BEDROOM       77       67       N/A       28       18       N/A         R6/373       RESIDENTIAL       W14/373       BEDROOM       30       29       N/A       9       8       N/A       84       73       N/A       2         R7/373       RESIDENTIAL       W15/373       BEDROOM       22       19       0.86       6       4       0.67		
R6/373       RESIDENTIAL       W13/373       BEDROOM       77       67       N/A       28       18       N/A         R6/373       RESIDENTIAL       W14/373       BEDROOM       30       29       N/A       9       8       N/A       84       73       N/A       2         R7/373       RESIDENTIAL       W15/373       BEDROOM       22       19       0.86       6       4       0.67		
R7/373 RESIDENTIAL W15/373 BEDROOM 22 19 0.86 6 4 0.67		
	28 18	N/A
R//3/3 RESIDENTIAL W16/3/3 BEDROOM 60 46 N/A 24 12 N/A		
R7/373 RESIDENTIAL W17/373 BEDROOM 77 63 N/A 28 16 N/A		
	28 16	N/A
R8/373 RESIDENTIAL W19/373 BEDROOM 72 60 N/A 28 17 N/A 72 60 N/A 2	28 17	N/A
R9/373 RESIDENTIAL W20/373 KITCHEN 82 69 N/A 28 18 N/A R9/373 RESIDENTIAL W21/373 KITCHEN 53 51 N/A 16 14 N/A 89 76 N/A 2	28 18	N/A
AGAR COMMUNITY NURSERY		
Gnd Floor		
R1/380 EDUCATIONAL W1/380 TODDLER PLAYROOM 66 66 N/A 28 28 N/A		
R1/380 EDUCATIONAL W2/380 TODDLER PLAYROOM 48 48 N/A 19 19 N/A		
R1/380 EDUCATIONAL W3/380 TODDLER PLAYROOM 79 79 N/A 28 28 N/A		
R1/380 EDUCATIONAL W4/380 TODDLER PLAYROOM 82 82 N/A 28 28 N/A  P1/380 EDUCATIONAL W5/380 TODDLER PLAYROOM 82 82 N/A 28 28 N/A		
R1/380 EDUCATIONAL W5/380 TODDLER PLAYROOM 82 82 N/A 28 28 N/A R1/380 EDUCATIONAL W6/380 TODDLER PLAYROOM 79 79 N/A 28 28 N/A		
R1/380 EDUCATIONAL W6/380 TODDLER PLAYROOM /9 /9 N/A 28 28 N/A R1/380 EDUCATIONAL W7/380 TODDLER PLAYROOM 84 84 N/A 29 29 N/A		
R1/380 EDUCATIONAL W8/380 TODDLER PLAYROOM 75 75 N/A 26 26 N/A		
R1/380 EDUCATIONAL W9/380 TODDLER PLAYROOM 44 39 N/A 12 12 N/A		
R1/380 EDUCATIONAL W10/380 TODDLER PLAYROOM 48 43 N/A 15 15 N/A		
R1/380 EDUCATIONAL W11/380 TODDLER PLAYROOM 48 43 N/A 15 15 N/A		
R1/380 EDUCATIONAL W12/380 TODDLER PLAYROOM 43 38 N/A 10 10 N/A		
R1/380 EDUCATIONAL W13/380 TODDLER PLAYROOM 50 44 N/A 14 14 N/A 81/380 TODDLER PLAYROOM 50 43 N/A 14 14 N/A 93 88 N/A 2	29 29	N/A
R2/380 EDUCATIONAL W15/380 BABY PLAYROOM 48 30 N/A 15 13 N/A		
R2/380 EDUCATIONAL W16/380 BABY PLAYROOM 25 7 0.28 3 1 0.33 R2/380 EDUCATIONAL W17/380 BABY PLAYROOM 46 27 N/A 10 8 N/A		
R2/380 EDUCATIONAL W1//380 BABY PLAYROOM 46 27 N/A 10 8 N/A R2/380 EDUCATIONAL W18/380 BABY PLAYROOM 48 26 N/A 15 12 N/A		
R2/380 EDUCATIONAL W19/380 BABY PLAYROOM 44 24 0.55 12 10 N/A		
R2/380 EDUCATIONAL W20/380 BABY PLAYROOM 48 25 N/A 15 12 N/A 51 33 N/A 1		

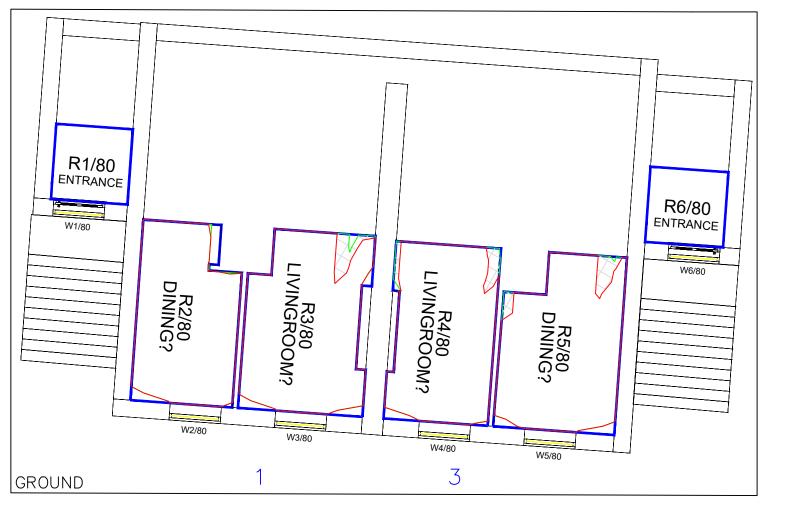
#### **APPENDIX E**

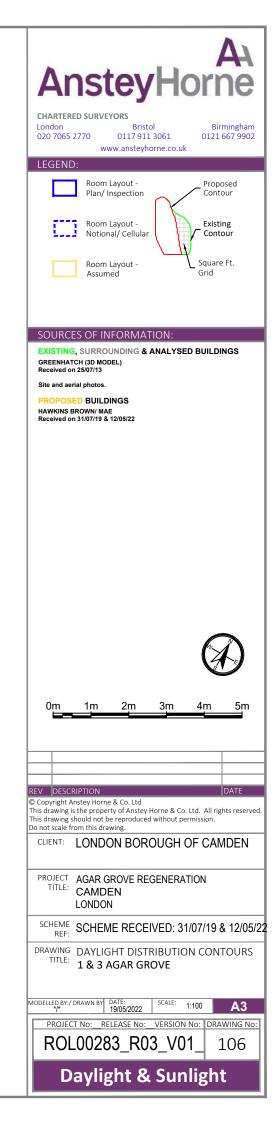
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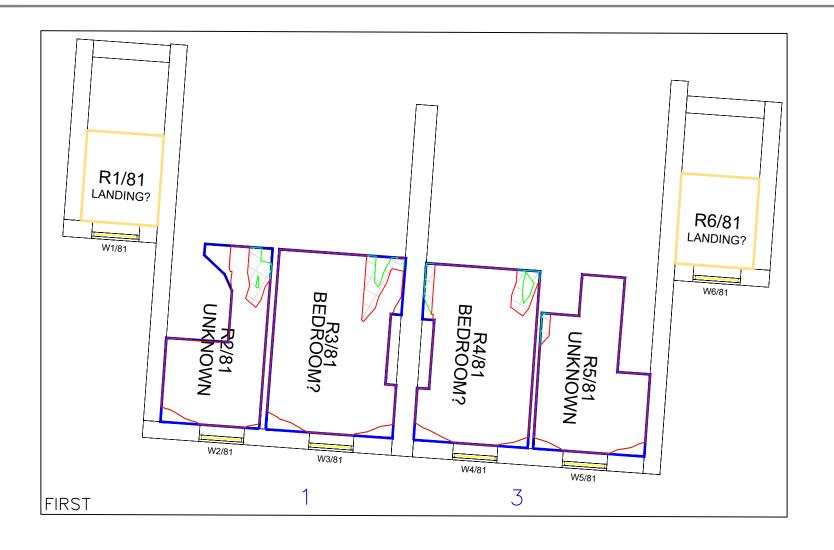
#### **DAYLIGHT DISTRIBUTION CONTOUR PLANS**

DRAWING NOS. ROL00283\_R03\_V01\_107 TO 124

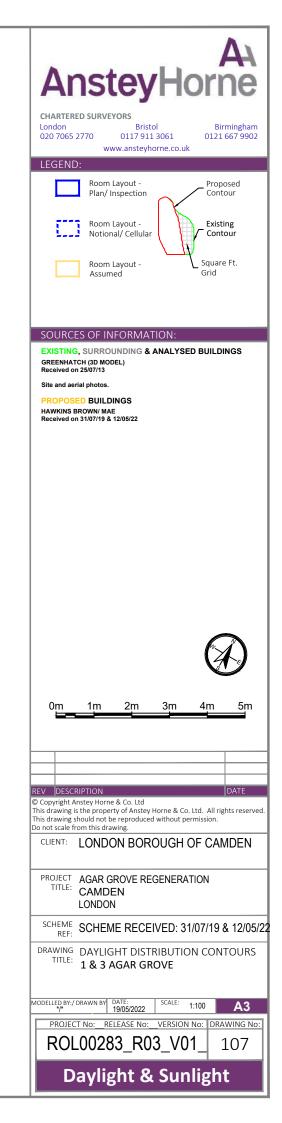


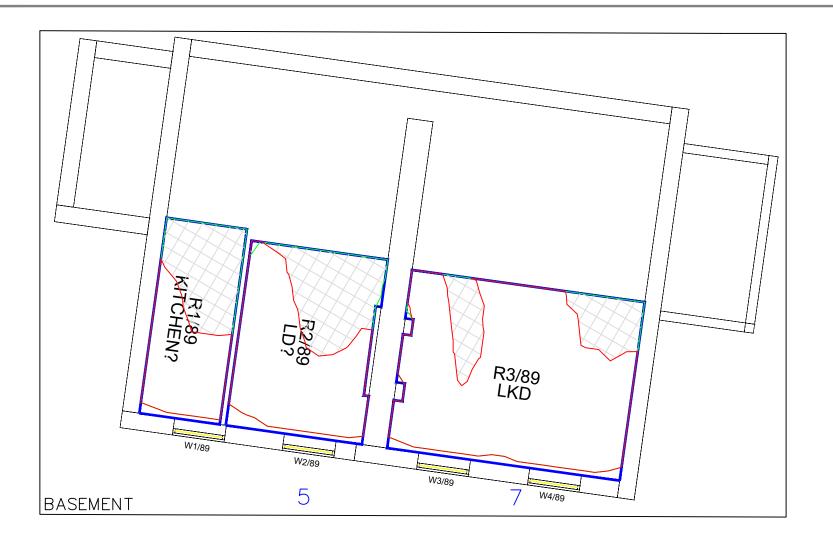


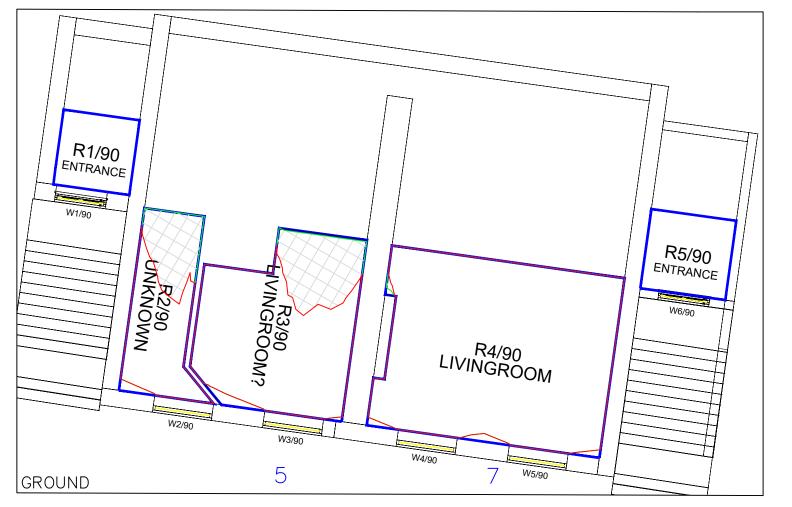


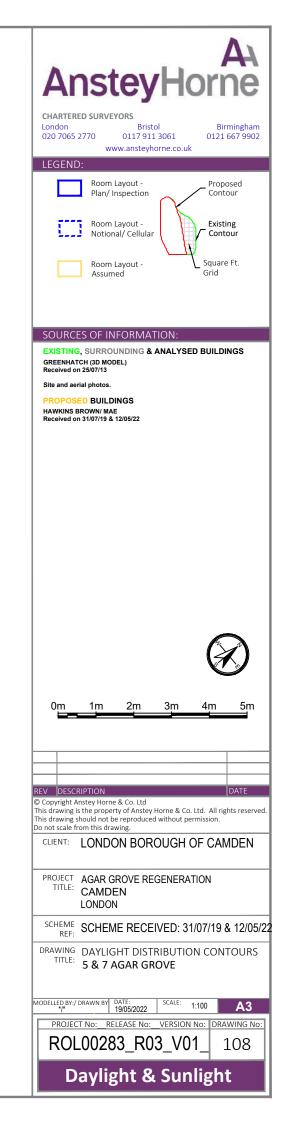






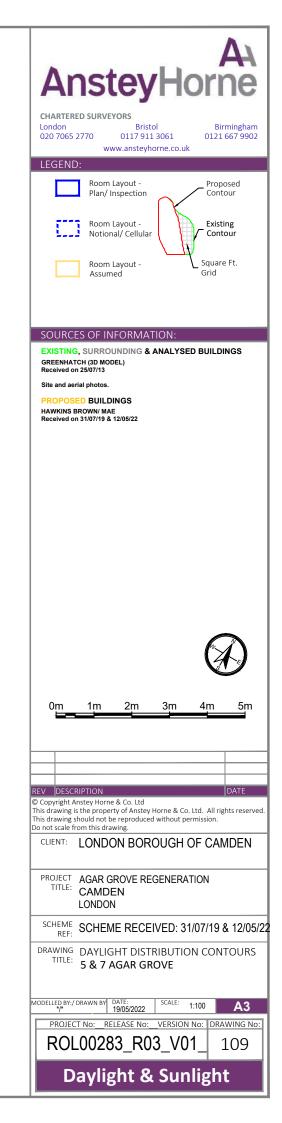


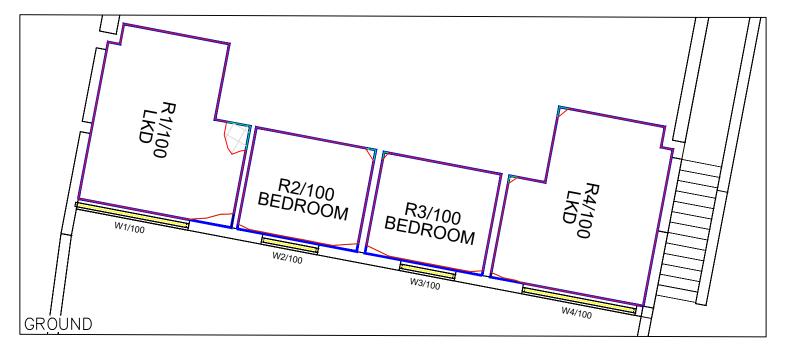




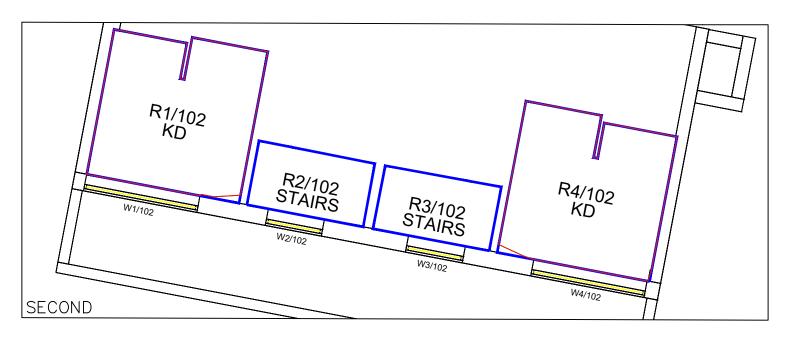


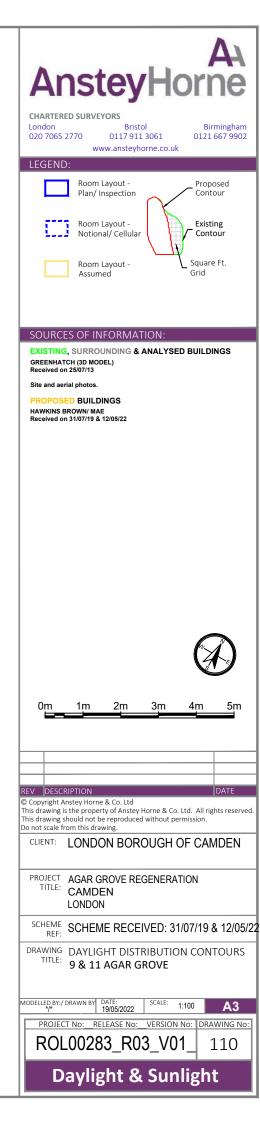


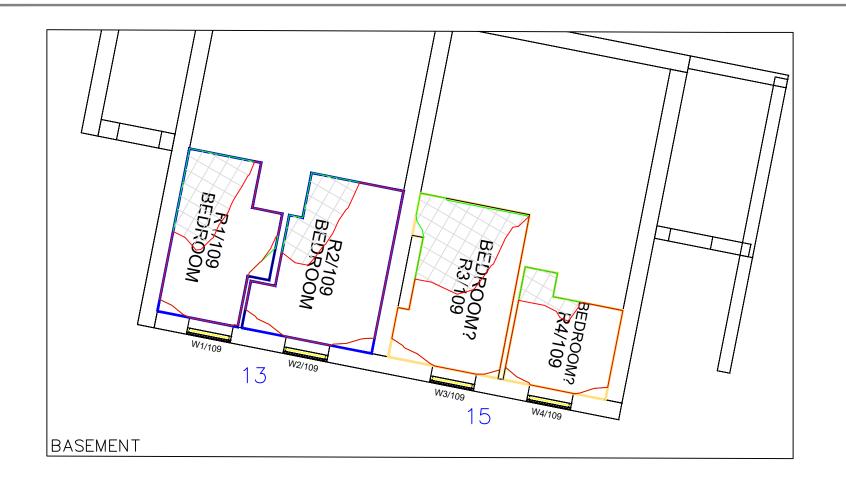


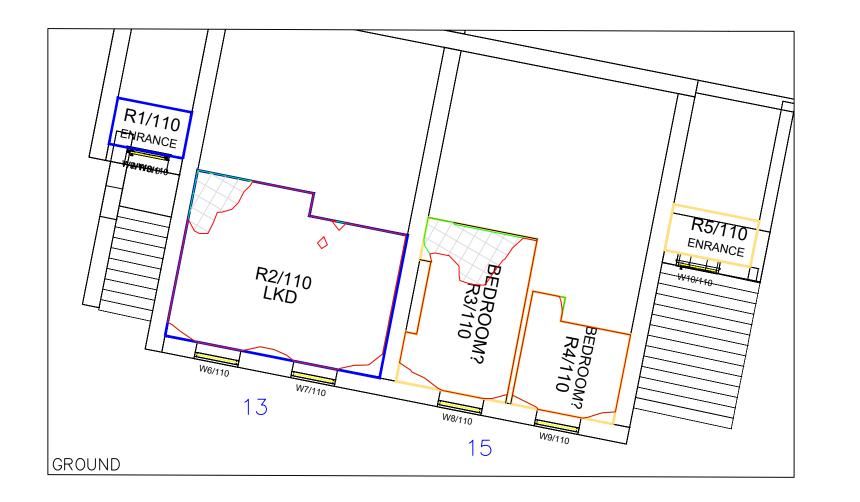


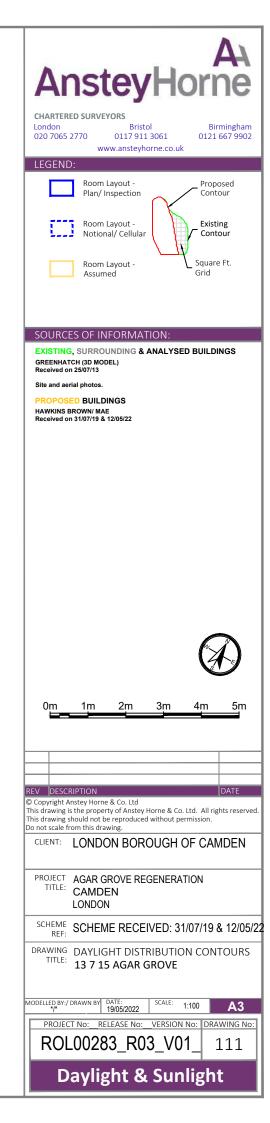


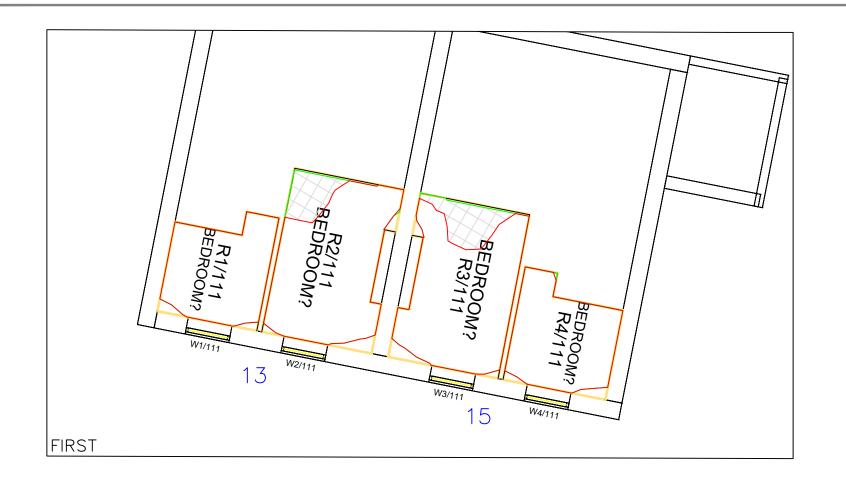


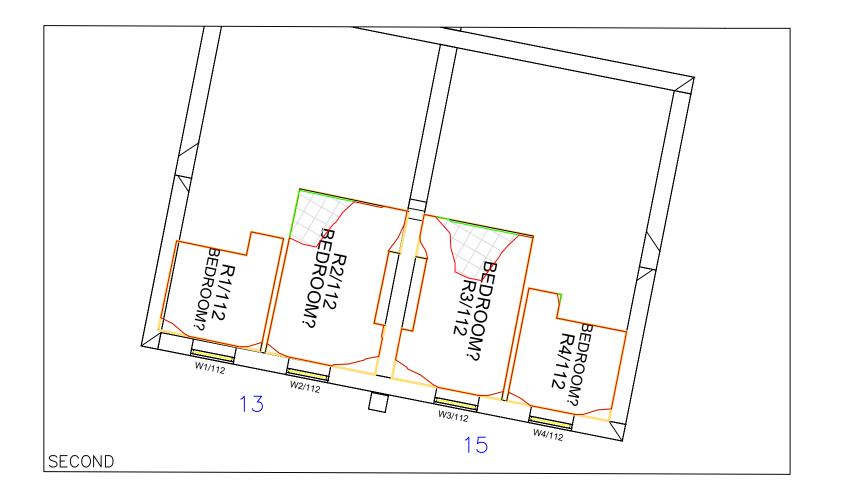


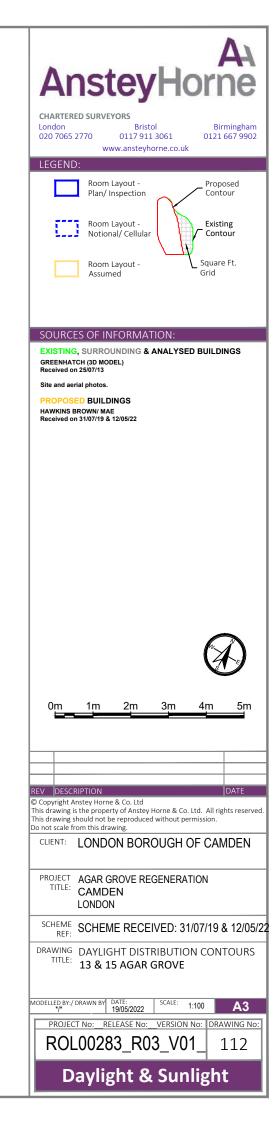






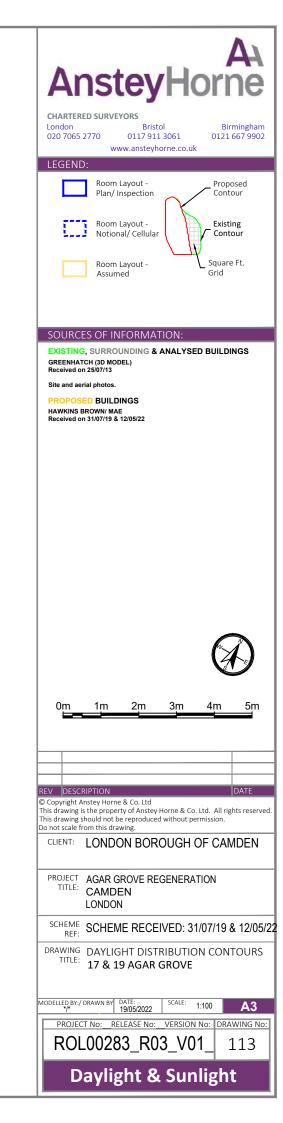


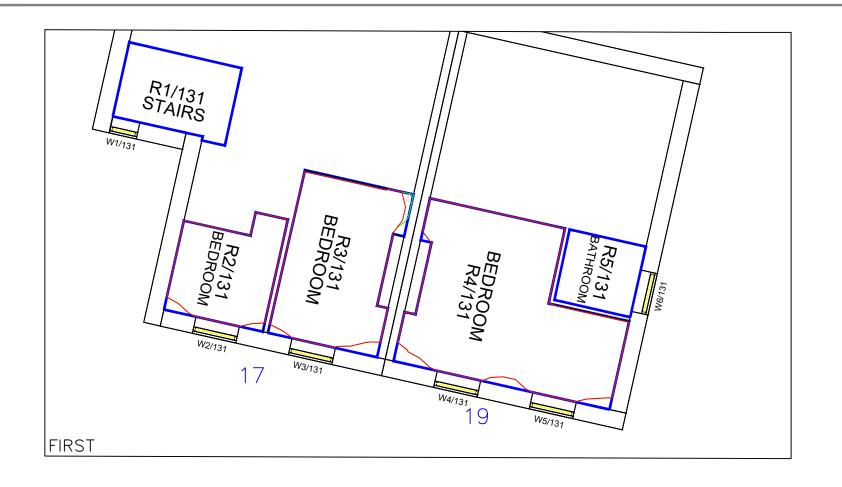


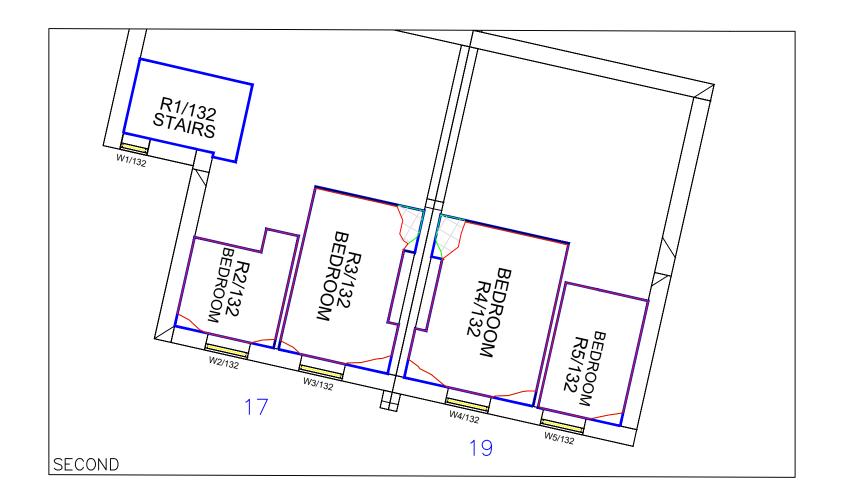


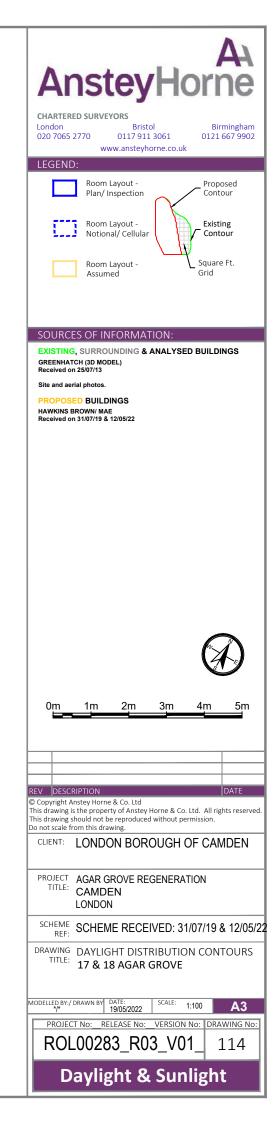


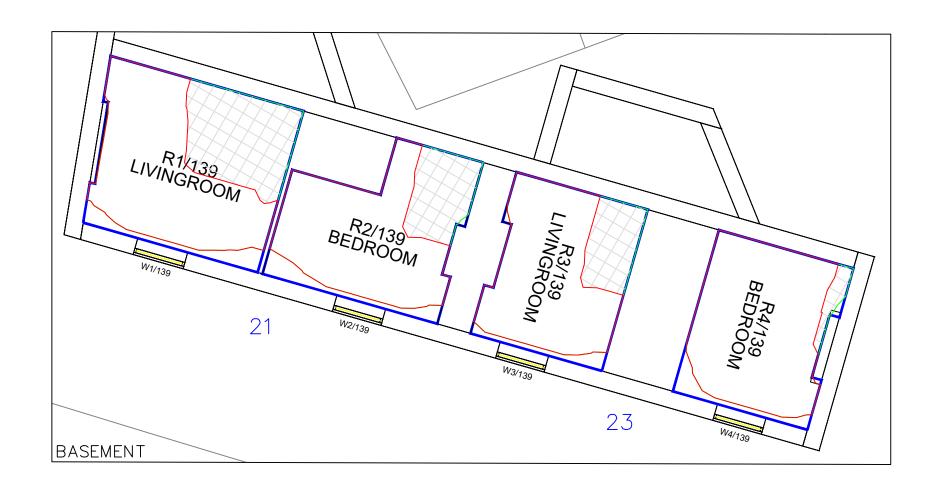


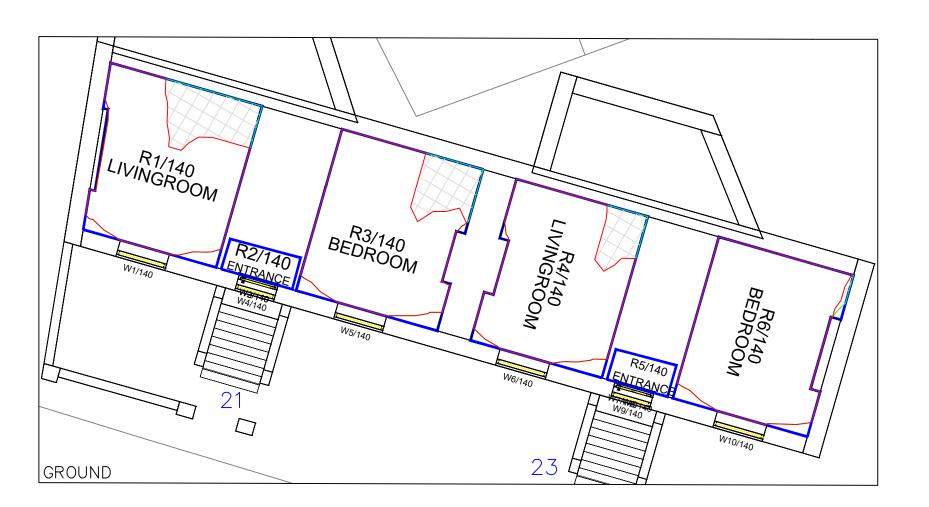


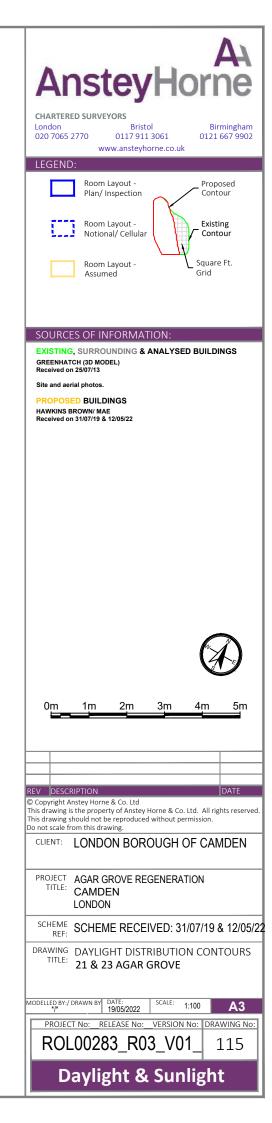


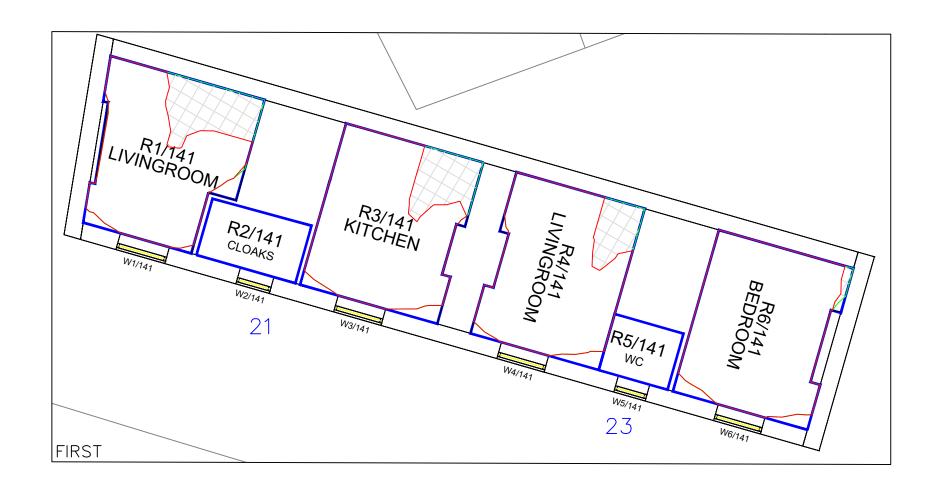


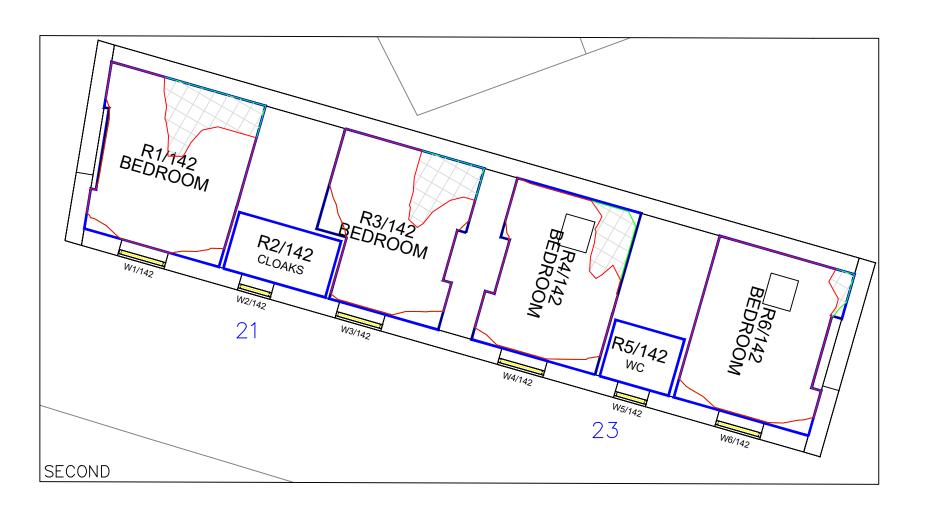


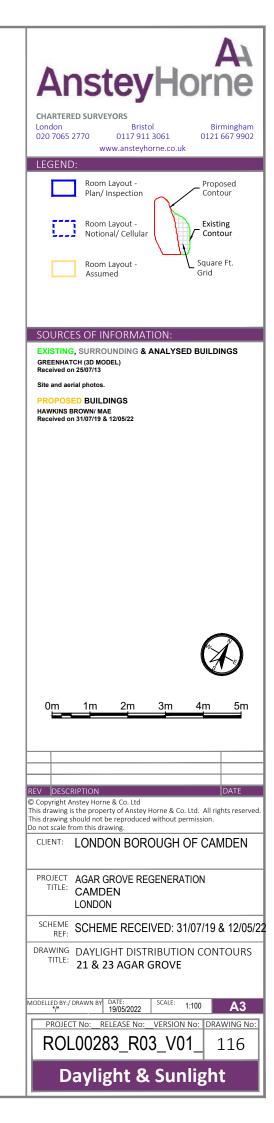


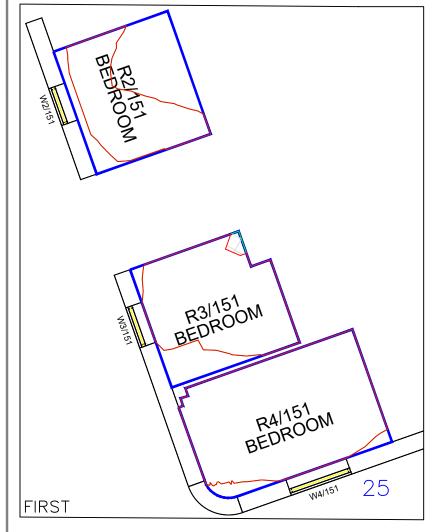


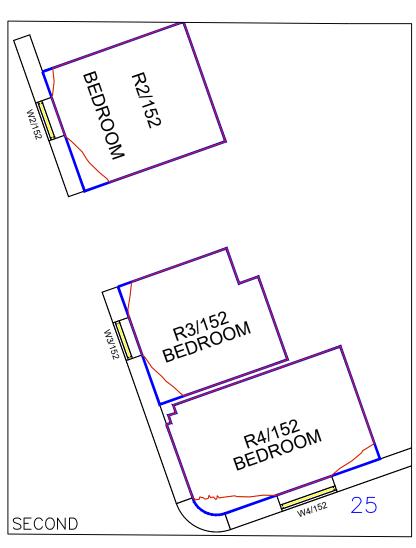


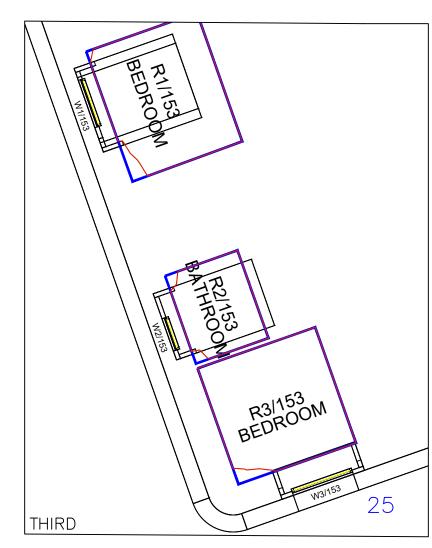


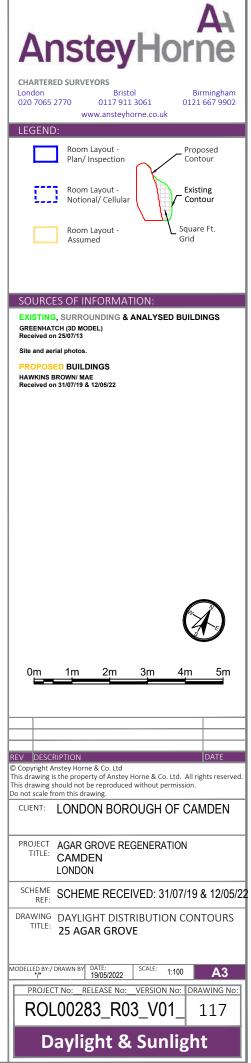


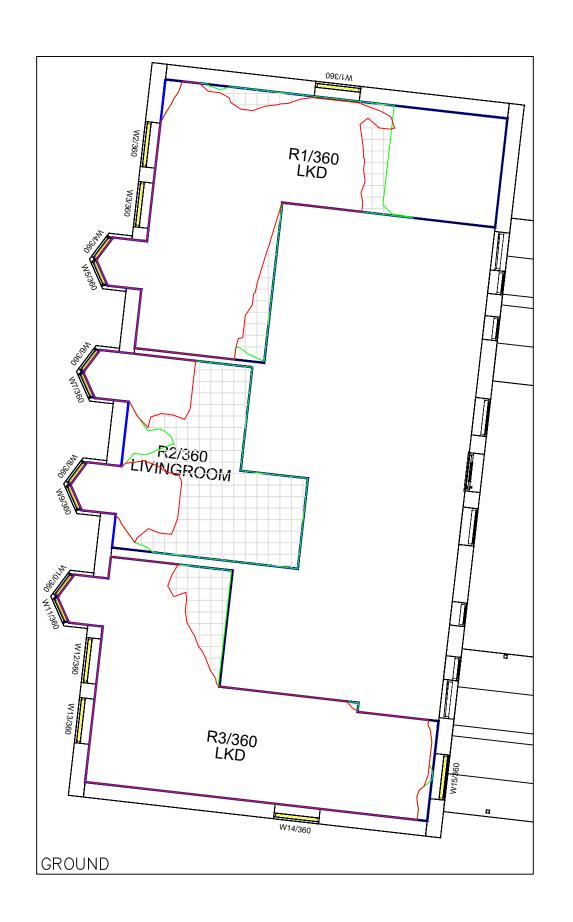


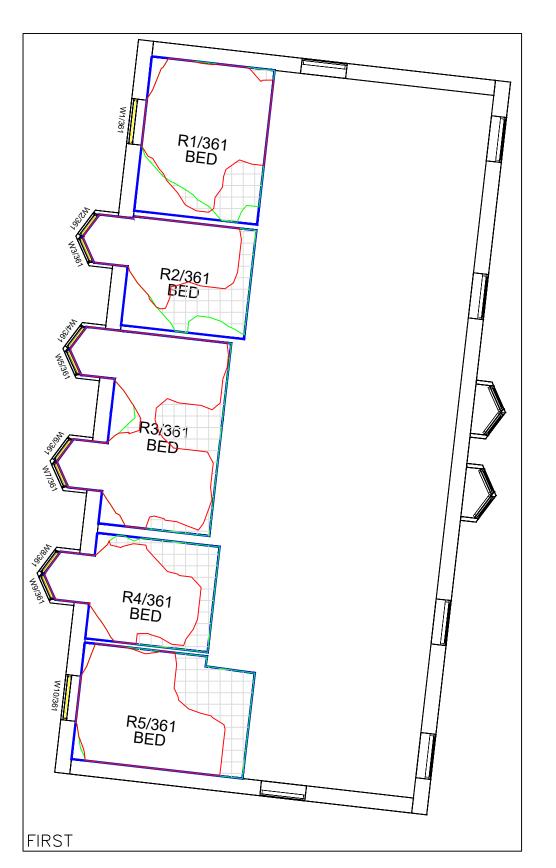


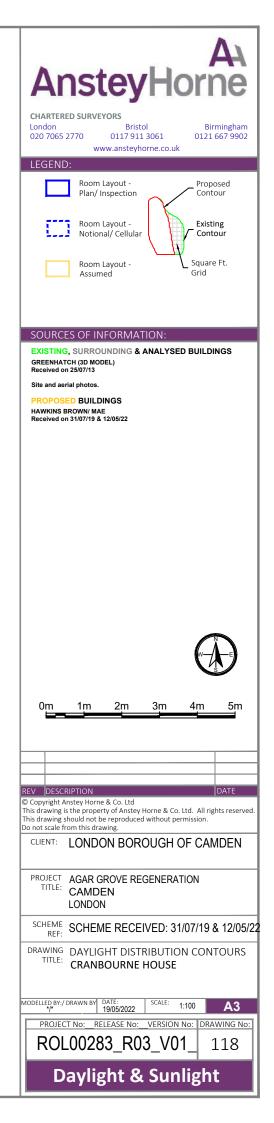




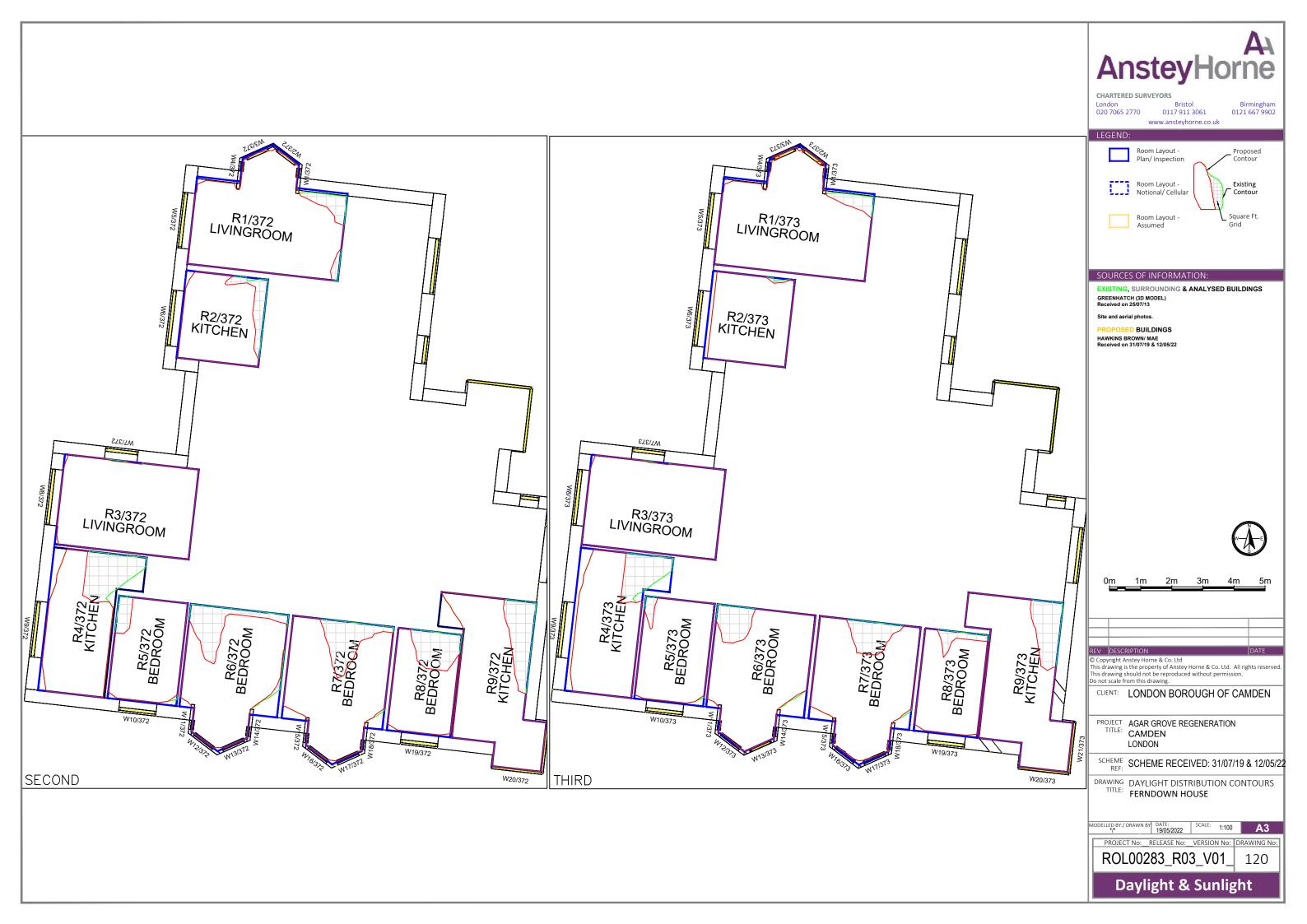




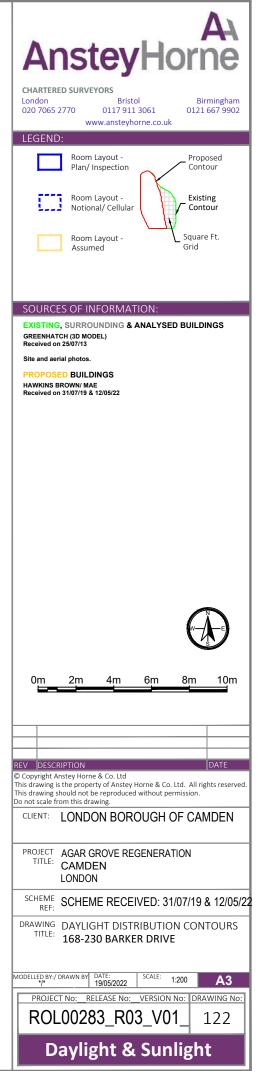


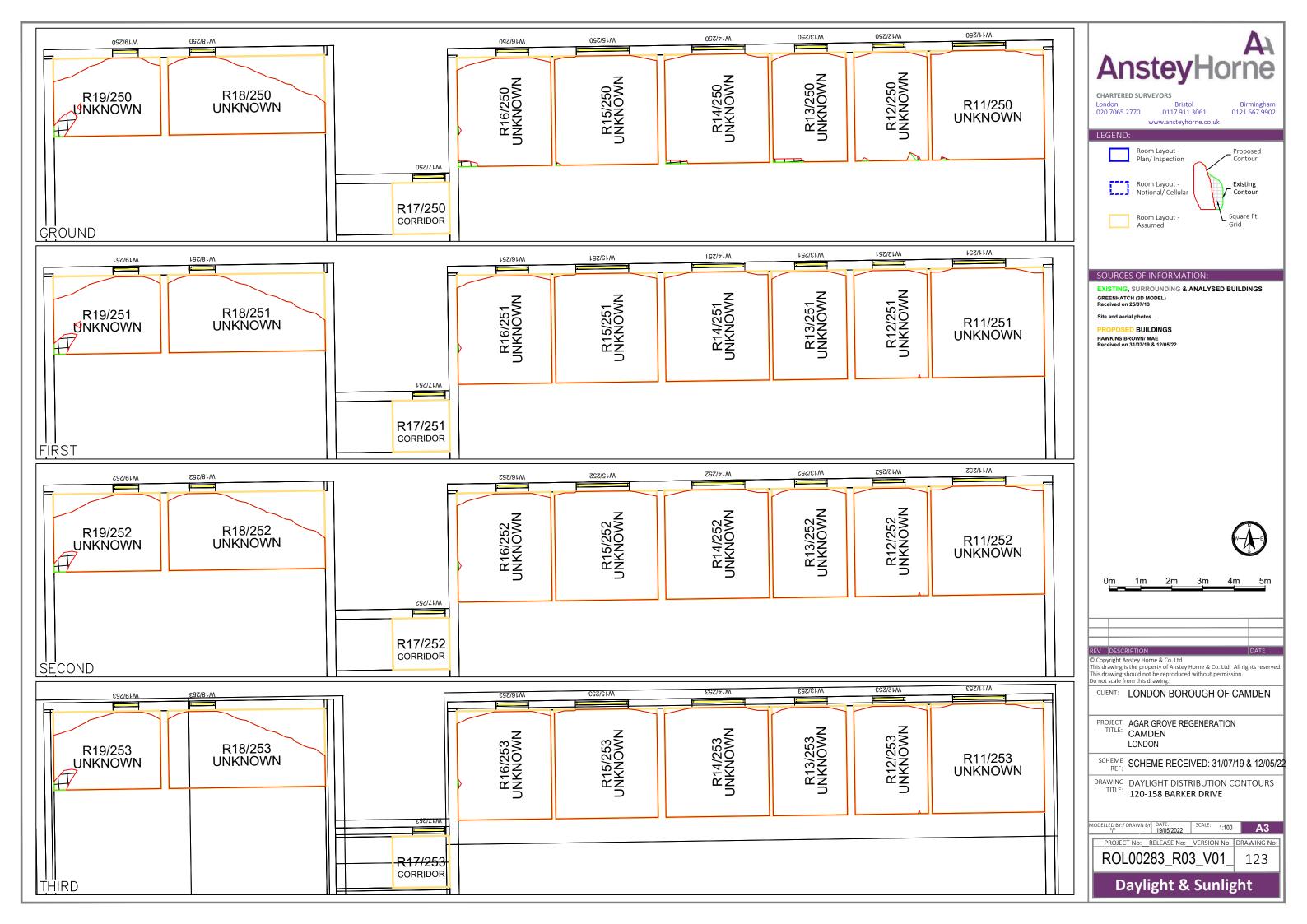


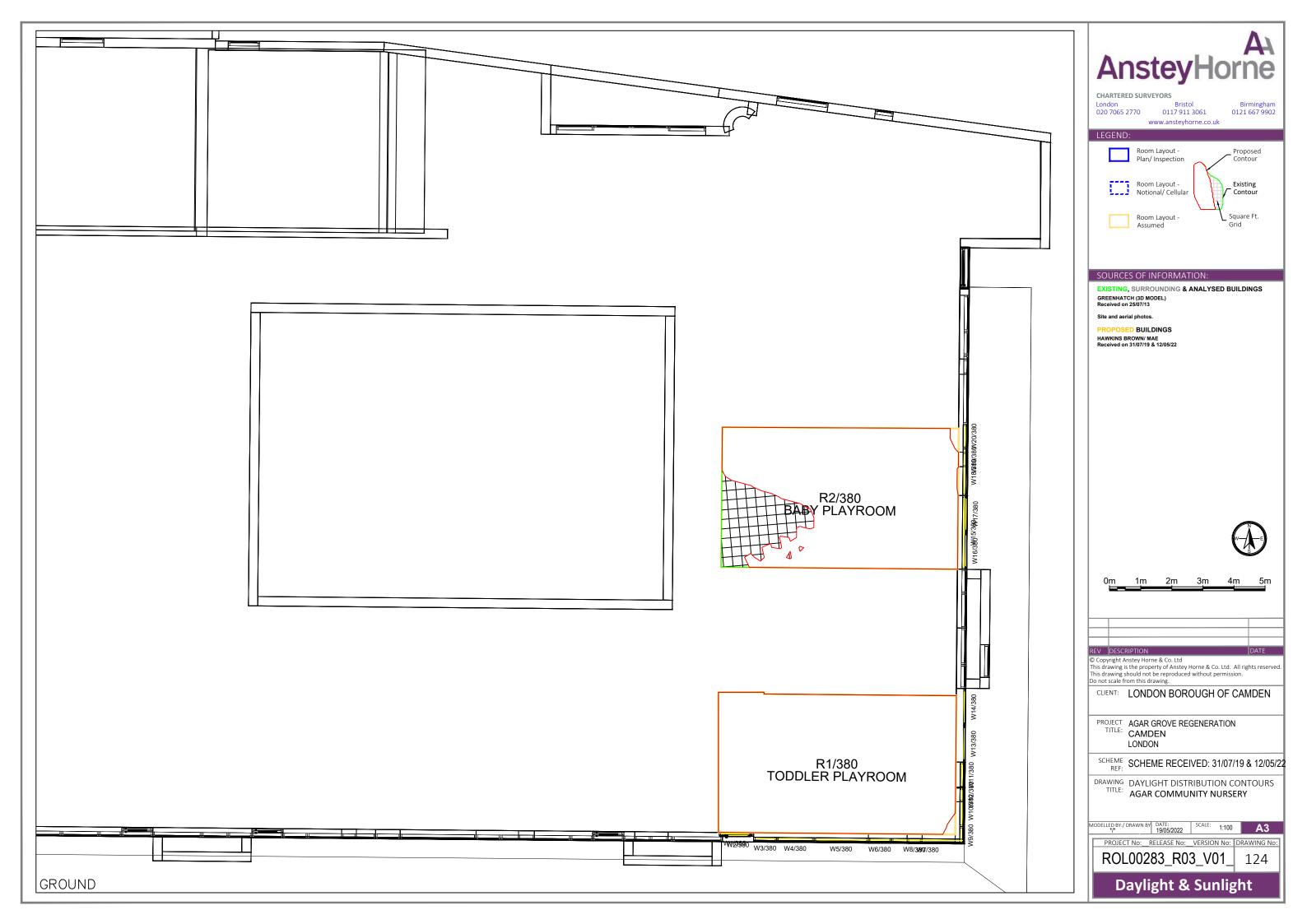












### APPENDIX F

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### TWO-HOUR SUN CONTOUR ON 21 MARCH DRAWING

DRAWING NOS. ROL00283\_R03\_V01\_SOG 301-302

# ROL6940 - AGAR GROVE REGENERATION TABLE P4 CAMDEN, LONDON TWO HOUR SUNLIGHT TEST Release 2\_V01 - APRIL 2022 SURROUNDING AREAS



#### HAWKINS\BROWN & MAE Architects' Scheme

Property	Area	Proportion in sun for >=	2 hrs on 21st March	*Factor of
Ref.	Ref.	Existing	Proposed	former value
Agar Community Nursery	R3/380	77.1%	75.4%	N/A
Agar Community Nursery	R4/380	48.1%	48.1%	1.00
Cranbourne House	R4/360	96.1%	92.7%	N/A

### APPENDIX G

AVERAGE DAYLIGHT FACTOR ('ADF') TABLE

### TABLE P5 AVERAGE DAYLIGHT FACTOR (ADF) SURROUNDING BUILDINGS



#### EDWARD WILLIAMS ARCHITECTS-3D Model Received 22.10.2013

Parameters Used for ADF : Glazing Transmittance = 0.68 Maintenance Factor = 8% Glazing bar correction = 0.8

Average Reflectance = 0.5

AGAR GROVE	y R	Property /	Room	Window	Existing A	ADF (%)	Proposed	ADF (%)	*Factor of
Residential   Livingroom?   Wayr9   1.80   1.8   1.35   1.75	u		usage	ref.	Contrib.	Total	Contrib.	Total	former value
R1/79 RESIDENTIAL KITCHEN? W1/79 1.80 1.8 1.38 1.38 1.38 R2/79 RESIDENTIAL LD? W2/79 1.12 1.12 0.85 0.85 Gnd Floor R2/80 RESIDENTIAL DINING? W2/80 2.24 2.24 1.75 1.75 1.75 R3/80 RESIDENTIAL LIVINGROOM? W3/80 2.00 2 1.56 1.56 1.56 1.56 1.56 1.56 1.56 1.56		AGAR GROVE							
R2/79 RESIDENTIAL LD? W2/79 1.12 1.12 0.85 0.85   Gnd Floor   R2/80 RESIDENTIAL DINING? W2/80 2.24 2.24 1.75 1.75   R3/80 RESIDENTIAL LIVINGROOM? W3/80 2.00 2 1.56 1.56   1st Floor   R2/81 RESIDENTIAL UNKNOWN W2/81 1.68 1.68 1.37 1.37   R3/81 RESIDENTIAL BEDROOM? W3/81 1.34 1.34 1.08 1.08   2nd Floor   R2/82 RESIDENTIAL UNKNOWN W2/82 1.38 1.38 1.15 1.15   R3/82 RESIDENTIAL UNKNOWN W3/82 0.62 0.62 0.51 0.51   3 AGAR GROVE   Base Floor   R4/80 RESIDENTIAL LIVINGROOM? W4/79 2.12 2.12 1.62 1.62   Gnd Floor   R4/80 RESIDENTIAL LIVINGROOM? W4/80 2.22 2.22 1.73 1.73   R5/80 RESIDENTIAL DINING? W5/80 2.11 2.11 1.64 1.64   1st Floor   R4/81 RESIDENTIAL BEDROOM? W4/81 1.45 1.45 1.17 1.17   R5/81 RESIDENTIAL UNKNOWN W5/81 1.63 1.63 1.31 1.31   2nd Floor   R4/82 RESIDENTIAL UNKNOWN W4/82 0.53 0.53 0.44 0.44   R5/82 RESIDENTIAL UNKNOWN W5/82 1.15 1.15 0.93 0.93   5 AGAR GROVE   Base Floor		ase Floor							
Gnd Floor         R2/80         RESIDENTIAL         DINING?         W2/80         2.24         2.24         1.75         1.75           R3/80         RESIDENTIAL         LIVINGROOM?         W3/80         2.00         2         1.56         1.56           1st Floor         R2/81         RESIDENTIAL         UNKNOWN         W2/81         1.68         1.68         1.37         1.37           R3/81         RESIDENTIAL         BEDROOM?         W3/81         1.34         1.34         1.08         1.08           2nd Floor         R2/82         RESIDENTIAL         UNKNOWN         W2/82         1.38         1.36         1.15         1.15           R3/82         RESIDENTIAL         UNKNOWN         W3/82         0.62         0.62         0.51         0.51           3AGAR GROVE         Base Floor         W3/79         1.16         1.16         0.89         0.89           R4/79         RESIDENTIAL         KITCHEN         W4/79         2.12         2.12         1.62         1.62           Gnd Floor         R4/80         RESIDENTIAL         LIVINGROOM?         W4/80         2.22         2.22         1.73         1.73           R5/80         RESIDENTIAL         DINING?	NTIAL K	1/79	KITCHEN?	W1/79	1.80	1.8	1.38	1.38	0.77
R2/80 RESIDENTIAL DINING? W2/80 2.24 2.24 1.75 1.75 R3/80 RESIDENTIAL LIVINGROOM? W3/80 2.00 2 1.56 1.56 1.56 1st Floor  R2/81 RESIDENTIAL UNKNOWN W2/81 1.68 1.68 1.37 1.37 R3/81 RESIDENTIAL BEDROOM? W3/81 1.34 1.34 1.08 1.08 2nd Floor  R2/82 RESIDENTIAL UNKNOWN W2/82 1.38 1.38 1.15 1.15 1.15 R3/82 RESIDENTIAL UNKNOWN W3/82 0.62 0.62 0.51 0.51 0.51 3 AGAR GROVE  Base Floor  R3/79 RESIDENTIAL LD? W3/79 1.16 1.16 0.89 0.89 R4/79 RESIDENTIAL KITCHEN W4/79 2.12 2.12 1.62 1.62 Gnd Floor  R4/80 RESIDENTIAL LIVINGROOM? W4/80 2.22 2.22 1.73 1.73 R5/80 RESIDENTIAL DINING? W5/80 2.11 2.11 1.64 1.64 1.64 1.64 1.64 1.64 1.64 1	NTIAL L	2/79	LD?	W2/79	1.12	1.12	0.85	0.85	0.76
R3/80 RESIDENTIAL LIVINGROOM? W3/80 2.00 2 1.56 1.56  1st Floor  R2/81 RESIDENTIAL UNKNOWN W2/81 1.68 1.68 1.37 1.37  R3/81 RESIDENTIAL BEDROOM? W3/81 1.34 1.34 1.08 1.08  2nd Floor  R2/82 RESIDENTIAL UNKNOWN W2/82 1.38 1.38 1.15 1.15  R3/82 RESIDENTIAL UNKNOWN W3/82 0.62 0.62 0.51 0.51  3 AGAR GROVE  Base Floor  R4/79 RESIDENTIAL LD? W3/79 1.16 1.16 0.89 0.89  R4/79 RESIDENTIAL KITCHEN W4/79 2.12 2.12 1.62 1.62  Gnd Floor  R4/80 RESIDENTIAL LIVINGROOM? W4/80 2.22 2.22 1.73 1.73  R5/80 RESIDENTIAL DINING? W5/80 2.11 2.11 1.64 1.64  1st Floor  R4/81 RESIDENTIAL BEDROOM? W4/81 1.45 1.45 1.17 1.17  R5/81 RESIDENTIAL UNKNOWN W5/81 1.63 1.63 1.31 1.31  2nd Floor  R4/82 RESIDENTIAL UNKNOWN W4/82 0.53 0.53 0.44 0.44  R5/82 RESIDENTIAL UNKNOWN W4/82 1.15 1.15 0.93 0.93  5 AGAR GROVE  Base Floor		and Floor							
1st Floor         R2/81         RESIDENTIAL         UNKNOWN         W2/81         1.68         1.68         1.37         1.37           R3/81         RESIDENTIAL         BEDROOM?         W3/81         1.34         1.34         1.08         1.08           2nd Floor         R2/82         RESIDENTIAL         UNKNOWN         W2/82         1.38         1.38         1.15         1.15           R3/82         RESIDENTIAL         UNKNOWN         W3/82         0.62         0.62         0.51         0.51           3 AGAR GROVE         Base Floor           R3/79         RESIDENTIAL         LD?         W3/79         1.16         1.16         0.89         0.89           R4/79         RESIDENTIAL         KITCHEN         W4/79         2.12         2.12         1.62         1.62           Gnd Floor         R4/80         RESIDENTIAL         LIVINGROOM?         W4/80         2.22         2.22         1.73         1.73           R5/80         RESIDENTIAL         DINING?         W5/80         2.11         2.11         1.64         1.64           1st Floor         R4/81         RESIDENTIAL         UNKNOWN         W5/81         1.63         1.63         1	NTIAL D	2/80	DINING?	W2/80	2.24	2.24	1.75	1.75	0.78
R2/81 RESIDENTIAL UNKNOWN W2/81 1.68 1.68 1.37 1.37 R3/81 RESIDENTIAL BEDROOM? W3/81 1.34 1.34 1.08 1.08 1.08 2nd Floor  R2/82 RESIDENTIAL UNKNOWN W2/82 1.38 1.38 1.15 1.15 1.15 R3/82 RESIDENTIAL UNKNOWN W3/82 0.62 0.62 0.51 0.51 0.51 0.51 0.51 0.51 0.51 0.51	NTIAL L	3/80	LIVINGROOM?	W3/80	2.00	2	1.56	1.56	0.78
R3/81 RESIDENTIAL BEDROOM? W3/81 1.34 1.34 1.08 1.08  2nd Floor  R2/82 RESIDENTIAL UNKNOWN W2/82 1.38 1.38 1.15 1.15  R3/82 RESIDENTIAL UNKNOWN W3/82 0.62 0.62 0.51 0.51  3 AGAR GROVE  Base Floor  R3/79 RESIDENTIAL LD? W3/79 1.16 1.16 0.89 0.89  R4/79 RESIDENTIAL KITCHEN W4/79 2.12 2.12 1.62 1.62  Gnd Floor  R4/80 RESIDENTIAL LIVINGROOM? W4/80 2.22 2.22 1.73 1.73  R5/80 RESIDENTIAL DINING? W5/80 2.11 2.11 1.64 1.64  1st Floor  R4/81 RESIDENTIAL BEDROOM? W4/81 1.45 1.45 1.17 1.17  R5/81 RESIDENTIAL UNKNOWN W5/81 1.63 1.63 1.31 1.31  2nd Floor  R4/82 RESIDENTIAL UNKNOWN W4/82 0.53 0.53 0.44 0.44  R5/82 RESIDENTIAL UNKNOWN W5/82 1.15 1.15 0.93 0.93  5 AGAR GROVE  Base Floor		st Floor							
2nd Floor         R2/82         RESIDENTIAL         UNKNOWN         W2/82         1.38         1.38         1.15         1.15           R3/82         RESIDENTIAL         UNKNOWN         W3/82         0.62         0.62         0.51         0.51           3 AGAR GROVE         Base Floor           R3/79         RESIDENTIAL         LD?         W3/79         1.16         1.16         0.89         0.89           R4/79         RESIDENTIAL         KITCHEN         W4/79         2.12         2.12         1.62         1.62           Gnd Floor         R4/80         RESIDENTIAL         LIVINGROOM?         W4/80         2.22         2.22         1.73         1.73           R5/80         RESIDENTIAL         DINING?         W5/80         2.11         2.11         1.64         1.64           1st Floor         R4/81         RESIDENTIAL         BEDROOM?         W4/81         1.45         1.45         1.17         1.17           R5/81         RESIDENTIAL         UNKNOWN         W5/81         1.63         1.63         1.31         1.31           2nd Floor         R4/82         RESIDENTIAL         UNKNOWN         W5/82         1.15         1.15	NTIAL U	22/81	UNKNOWN	W2/81	1.68	1.68	1.37	1.37	0.82
R2/82 RESIDENTIAL UNKNOWN W2/82 1.38 1.38 1.15 1.15 R3/82 RESIDENTIAL UNKNOWN W3/82 0.62 0.62 0.51 0.51 0.51    3 AGAR GROVE Base Floor R4/80 RESIDENTIAL LIVINGROOM? W4/80 2.22 2.22 1.73 1.73 R5/81 RESIDENTIAL BEDROOM? W4/81 1.45 1.45 1.17 1.17 R5/81 RESIDENTIAL UNKNOWN W5/81 1.63 1.63 1.31 1.31 2nd Floor R4/82 RESIDENTIAL UNKNOWN W4/82 0.53 0.53 0.44 0.44 R5/82 RESIDENTIAL UNKNOWN W5/82 1.15 1.15 0.93 0.93 5 AGAR GROVE Base Floor	NTIAL B	23/81	BEDROOM?	W3/81	1.34	1.34	1.08	1.08	0.81
R3/82 RESIDENTIAL UNKNOWN W3/82 0.62 0.62 0.51 0.51  3 AGAR GROVE  Base Floor R3/79 RESIDENTIAL LD? W3/79 1.16 1.16 0.89 0.89 R4/79 RESIDENTIAL KITCHEN W4/79 2.12 2.12 1.62 1.62 Gnd Floor R4/80 RESIDENTIAL LIVINGROOM? W4/80 2.22 2.22 1.73 1.73 R5/80 RESIDENTIAL DINING? W5/80 2.11 2.11 1.64 1.64 1st Floor R4/81 RESIDENTIAL BEDROOM? W4/81 1.45 1.45 1.17 1.17 R5/81 RESIDENTIAL UNKNOWN W5/81 1.63 1.63 1.31 1.31 2nd Floor R4/82 RESIDENTIAL UNKNOWN W4/82 0.53 0.53 0.44 0.44 R5/82 RESIDENTIAL UNKNOWN W5/82 1.15 1.15 0.93 0.93  5 AGAR GROVE Base Floor		nd Floor							
3 AGAR GROVE           Base Floor         R3/79         RESIDENTIAL         LD?         W3/79         1.16         1.16         0.89         0.89           R4/79         RESIDENTIAL         KITCHEN         W4/79         2.12         2.12         1.62         1.62           Gnd Floor         R4/80         RESIDENTIAL         LIVINGROOM?         W4/80         2.22         2.22         1.73         1.73           R5/80         RESIDENTIAL         DINING?         W5/80         2.11         2.11         1.64         1.64           1st Floor         R4/81         RESIDENTIAL         BEDROOM?         W4/81         1.45         1.45         1.17         1.17           R5/81         RESIDENTIAL         UNKNOWN         W5/81         1.63         1.63         1.31         1.31           2nd Floor         R4/82         RESIDENTIAL         UNKNOWN         W4/82         0.53         0.53         0.44         0.44           R5/82         RESIDENTIAL         UNKNOWN         W5/82         1.15         1.15         0.93         0.93           5 AGAR GROVE         Base Floor         Base Floor         1.15         1.15         0.93         0.93	NTIAL U	2/82	UNKNOWN	W2/82	1.38	1.38	1.15	1.15	0.83
Base Floor         R3/79         RESIDENTIAL         LD?         W3/79         1.16         1.16         0.89         0.89           R4/79         RESIDENTIAL         KITCHEN         W4/79         2.12         2.12         1.62         1.62           Gnd Floor         R4/80         RESIDENTIAL         LIVINGROOM?         W4/80         2.22         2.22         1.73         1.73           R5/80         RESIDENTIAL         DINING?         W5/80         2.11         2.11         1.64         1.64           1st Floor         R4/81         RESIDENTIAL         BEDROOM?         W4/81         1.45         1.45         1.17         1.17           R5/81         RESIDENTIAL         UNKNOWN         W5/81         1.63         1.63         1.31         1.31           2nd Floor         RESIDENTIAL         UNKNOWN         W4/82         0.53         0.53         0.44         0.44           R5/82         RESIDENTIAL         UNKNOWN         W5/82         1.15         1.15         0.93         0.93           5 AGAR GROVE         Base Floor         R8	NTIAL U	23/82	UNKNOWN	W3/82	0.62	0.62	0.51	0.51	0.82
R3/79 RESIDENTIAL LD? W3/79 1.16 1.16 0.89 0.89 R4/79 RESIDENTIAL KITCHEN W4/79 2.12 2.12 1.62 1.62  Gnd Floor R4/80 RESIDENTIAL LIVINGROOM? W4/80 2.22 2.22 1.73 1.73 R5/80 RESIDENTIAL DINING? W5/80 2.11 2.11 1.64 1.64  1st Floor R4/81 RESIDENTIAL BEDROOM? W4/81 1.45 1.45 1.17 1.17 R5/81 RESIDENTIAL UNKNOWN W5/81 1.63 1.63 1.31 1.31  2nd Floor R4/82 RESIDENTIAL UNKNOWN W4/82 0.53 0.53 0.44 0.44 R5/82 RESIDENTIAL UNKNOWN W5/82 1.15 1.15 0.93 0.93  5 AGAR GROVE  Base Floor		AGAR GROVE							
R4/79       RESIDENTIAL       KITCHEN       W4/79       2.12       2.12       1.62       1.62         Gnd Floor       R4/80       RESIDENTIAL       LIVINGROOM?       W4/80       2.22       2.22       1.73       1.73         R5/80       RESIDENTIAL       DINING?       W5/80       2.11       2.11       1.64       1.64         1st Floor       R4/81       RESIDENTIAL       BEDROOM?       W4/81       1.45       1.45       1.17       1.17         R5/81       RESIDENTIAL       UNKNOWN       W5/81       1.63       1.63       1.31       1.31         2nd Floor       RESIDENTIAL       UNKNOWN       W4/82       0.53       0.53       0.44       0.44         R5/82       RESIDENTIAL       UNKNOWN       W5/82       1.15       1.15       0.93       0.93         5 AGAR GROVE       Base Floor		ase Floor							
Gnd Floor         R4/80         RESIDENTIAL         LIVINGROOM?         W4/80         2.22         2.22         1.73         1.73           R5/80         RESIDENTIAL         DINING?         W5/80         2.11         2.11         1.64         1.64           1st Floor         R4/81         RESIDENTIAL         BEDROOM?         W4/81         1.45         1.45         1.17         1.17           R5/81         RESIDENTIAL         UNKNOWN         W5/81         1.63         1.63         1.31         1.31           2nd Floor         R4/82         RESIDENTIAL         UNKNOWN         W4/82         0.53         0.53         0.44         0.44           R5/82         RESIDENTIAL         UNKNOWN         W5/82         1.15         1.15         0.93         0.93           5 AGAR GROVE         Base Floor         Base Floor         Base Floor         Base Floor         Base Floor	NTIAL L	3/79	LD?	W3/79	1.16	1.16	0.89	0.89	0.77
R4/80       RESIDENTIAL       LIVINGROOM?       W4/80       2.22       2.22       1.73       1.73         R5/80       RESIDENTIAL       DINING?       W5/80       2.11       2.11       1.64       1.64         1st Floor       R4/81       RESIDENTIAL       BEDROOM?       W4/81       1.45       1.45       1.17       1.17         R5/81       RESIDENTIAL       UNKNOWN       W5/81       1.63       1.63       1.31       1.31         2nd Floor       RESIDENTIAL       UNKNOWN       W4/82       0.53       0.53       0.44       0.44         R5/82       RESIDENTIAL       UNKNOWN       W5/82       1.15       1.15       0.93       0.93         5 AGAR GROVE         Base Floor	NTIAL K	44/79	KITCHEN	W4/79	2.12	2.12	1.62	1.62	0.76
R5/80 RESIDENTIAL DINING? W5/80 2.11 2.11 1.64 1.64  1st Floor  R4/81 RESIDENTIAL BEDROOM? W4/81 1.45 1.45 1.17 1.17  R5/81 RESIDENTIAL UNKNOWN W5/81 1.63 1.63 1.31 1.31  2nd Floor  R4/82 RESIDENTIAL UNKNOWN W4/82 0.53 0.53 0.44 0.44  R5/82 RESIDENTIAL UNKNOWN W5/82 1.15 1.15 0.93 0.93  5 AGAR GROVE  Base Floor		and Floor							
1st Floor         R4/81       RESIDENTIAL       BEDROOM?       W4/81       1.45       1.45       1.17       1.17         R5/81       RESIDENTIAL       UNKNOWN       W5/81       1.63       1.63       1.31       1.31         2nd Floor       R4/82       RESIDENTIAL       UNKNOWN       W4/82       0.53       0.53       0.44       0.44         R5/82       RESIDENTIAL       UNKNOWN       W5/82       1.15       1.15       0.93       0.93         5 AGAR GROVE       Base Floor       Base Floor       Base Floor       Base Floor       Base Floor	NTIAL L	4/80	LIVINGROOM?	W4/80	2.22	2.22	1.73	1.73	0.78
R4/81       RESIDENTIAL       BEDROOM?       W4/81       1.45       1.45       1.17       1.17         R5/81       RESIDENTIAL       UNKNOWN       W5/81       1.63       1.63       1.31       1.31         2nd Floor       RESIDENTIAL       UNKNOWN       W4/82       0.53       0.53       0.44       0.44         R5/82       RESIDENTIAL       UNKNOWN       W5/82       1.15       1.15       0.93       0.93         5 AGAR GROVE       Base Floor	NTIAL D	15/80	DINING?	W5/80	2.11	2.11	1.64	1.64	0.78
R5/81 RESIDENTIAL UNKNOWN W5/81 1.63 1.63 1.31 1.31  2nd Floor  R4/82 RESIDENTIAL UNKNOWN W4/82 0.53 0.53 0.44 0.44  R5/82 RESIDENTIAL UNKNOWN W5/82 1.15 1.15 0.93 0.93  5 AGAR GROVE  Base Floor		st Floor							
2nd Floor         R4/82       RESIDENTIAL UNKNOWN W4/82       0.53       0.53       0.44       0.44         R5/82       RESIDENTIAL UNKNOWN W5/82       1.15       1.15       0.93       0.93         5 AGAR GROVE       Base Floor	NTIAL B	24/81	BEDROOM?	W4/81	1.45	1.45	1.17	1.17	0.81
R4/82       RESIDENTIAL       UNKNOWN       W4/82       0.53       0.53       0.44       0.44         R5/82       RESIDENTIAL       UNKNOWN       W5/82       1.15       1.15       0.93       0.93         5 AGAR GROVE       Base Floor	NTIAL U	15/81	UNKNOWN	W5/81	1.63	1.63	1.31	1.31	0.80
R5/82 RESIDENTIAL UNKNOWN W5/82 1.15 1.15 0.93 0.93 <b>5 AGAR GROVE Base Floor</b>		nd Floor							
5 AGAR GROVE Base Floor	NTIAL U	R4/82	UNKNOWN	W4/82	0.53	0.53	0.44	0.44	0.83
Base Floor	NTIAL U	25/82	UNKNOWN	W5/82	1.15	1.15	0.93	0.93	0.81
		AGAR GROVE							
P1/80   PESIDENTIAL KITCHEN2 W1/80   1.24   1.02   1.02		ase Floor							
1.02 1.02 1.02 1.04 1.04 1.02 1.02 1.02 1.02 1.02 1.02 1.02 1.02	NTIAL K	R1/89	KITCHEN?	W1/89	1.34	1.34	1.02	1.02	0.76
R2/89 RESIDENTIAL LD? W2/89 1.01 1.01 0.77 0.77	NTIAL L	2/89	LD?	W2/89	1.01	1.01	0.77	0.77	0.76



Property /	Property	Room	Window	_	ADF (%)	_	d ADF (%)	*Factor of
room ref.	type	usage	ref.	Contrib.	Total	Contrib.	Total	former value
Gnd Floor								
R2/90	RESIDENTIAL	UNKNOWN	W2/90	3.39	3.39	2.61	2.61	0.77
R3/90	RESIDENTIAL	LIVINGROOM?	W3/90	2.25	2.25	1.75	1.75	0.78
1st Floor								
R3/91	RESIDENTIAL	BEDROOM?	W3/91	1.32	1.32	1.06	1.06	0.80
2nd Floor								
R2/92	RESIDENTIAL	KITCHEN?	W2/92	1.27	1.27	1.04	1.04	0.82
R3/92	RESIDENTIAL	LD?	W3/92	0.57	0.57	0.46	0.46	0.81
7 AGAR GROVE								
Base Floor								
R3/89	RESIDENTIAL	LKD	W3/89	0.68	4.00	0.53	4.00	0.70
R3/89	RESIDENTIAL	LKD	W4/89	0.67	1.36	0.53	1.06	0.78
Gnd Floor								
R4/90 R4/90	RESIDENTIAL RESIDENTIAL	LIVINGROOM LIVINGROOM	W4/90 W5/90	1.57 1.57	3.13	1.23 1.25	2.48	0.79
1st Floor								
R4/91	RESIDENTIAL	BEDROOM	W4/91	1.28	1.28	1.04	1.04	0.81
2nd Floor								
R4/92	RESIDENTIAL	LKD	W4/92	0.42		0.34		
R4/92	RESIDENTIAL	LKD	W5/92	0.42	0.84	0.35	0.69	0.82
9-11 AGAR GRO	OV							
Gnd Floor								
R1/100	RESIDENTIAL	LKD	W1/100	2.66	2.66	2.34	2.34	0.88
R2/100	RESIDENTIAL	BEDROOM	W2/100	1.79	1.79	1.48	1.48	0.83
R3/100	RESIDENTIAL	BEDROOM	W3/100	1.84	1.84	1.50	1.50	0.82
R4/100	RESIDENTIAL	LKD	W4/100	3.49	3.49	2.81	2.81	0.81
1st Floor								
R1/101	RESIDENTIAL	LIVINGROOM	W1/101	3.26	3.26	2.84	2.84	0.87
R2/101	RESIDENTIAL	KD	W2/101	1.51	1.51	1.26	1.26	0.83
R3/101	RESIDENTIAL	KD	W3/101	1.53	1.53	1.27	1.27	0.83
R4/101	RESIDENTIAL	LIVINGROOM	W4/101	3.46	3.46	2.94	2.94	0.85
2nd Floor								
R1/102	RESIDENTIAL	KD	W1/102	3.60	3.6	3.11	3.11	0.86
R4/102	RESIDENTIAL	KD	W4/102	3.64	3.64	3.11	3.11	0.85
13 AGAR GROV	E							
Base Floor								
	-			-		-		-



Property /	Property	Room	Window	Existing		Proposed	ADE (%)	*Eactor of
room ref.	type	usage	ref.	Contrib.	Total	Contrib.	Total	*Factor of former value
R1/109	RESIDENTIAL	BEDROOM	W1/109	1.68	1.68	1.29	1.29	0.77
R2/109	RESIDENTIAL	BEDROOM	W2/109	1.45	1.45	1.11	1.11	0.77
Gnd Floor								
R2/110 R2/110	RESIDENTIAL RESIDENTIAL	LKD LKD	W6/110 W7/110	1.09 1.09	2.18	0.86 0.85	1.70	0.78
1st Floor								
R1/111	RESIDENTIAL	BEDROOM?	W1/111	2.71	2.71	2.18	2.18	0.80
R2/111	RESIDENTIAL	BEDROOM?	W2/111	1.83	1.83	1.47	1.47	0.80
2nd Floor								
R1/112	RESIDENTIAL	BEDROOM?	W1/112	1.46	1.46	1.21	1.21	0.83
R2/112	RESIDENTIAL	BEDROOM?	W2/112	0.98	0.98	0.80	0.80	0.82
15 AGAR GROVE								
Base Floor								
R3/109	RESIDENTIAL	BEDROOM?	W3/109	1.49	1.49	1.13	1.13	0.76
R4/109	RESIDENTIAL	BEDROOM?	W4/109	2.15	2.15	1.63	1.63	0.76
Gnd Floor								
R3/110	RESIDENTIAL	BEDROOM?	W8/110	1.71	1.71	1.33	1.33	0.78
R4/110	RESIDENTIAL	BEDROOM?	W9/110	2.49	2.49	1.92	1.92	0.77
1st Floor								
R3/111	RESIDENTIAL	BEDROOM?	W3/111	1.87	1.87	1.49	1.49	0.80
R4/111	RESIDENTIAL	BEDROOM?	W4/111	2.72	2.72	2.15	2.15	0.79
2nd Floor								
R3/112	RESIDENTIAL	BEDROOM?	W3/112	1.01	1.01	0.82	0.82	0.81
R4/112	RESIDENTIAL	BEDROOM?	W4/112	1.46	1.46	1.19	1.19	0.82
17 AGAR GROVE								
Base Floor								
R1/129	RESIDENTIAL	BEDROOM	W1/129	1.32	1.32	0.98	0.98	0.74
R2/129	RESIDENTIAL	BEDROOM	W2/129	0.89	0.89	0.67	0.67	0.75
Gnd Floor								
R1/130	RESIDENTIAL	BEDROOM	W1/130	2.57	2.57	1.97	1.97	0.77
R2/130	RESIDENTIAL	BEDROOM	W2/130	1.74	1.74	1.35	1.35	0.78
1st Floor								
R2/131	RESIDENTIAL	BEDROOM	W2/131	3.08	3.08	2.44	2.44	0.79
R3/131	RESIDENTIAL	BEDROOM	W3/131	2.09	2.09	1.66	1.66	0.79



10/03/2022			OUNDING I					
Property /	Property	Room	Window	Existing		Proposed		*Factor of
room ref. 2nd Floor	type	usage	ref.	Contrib.	Total	Contrib.	Total	former value
R2/132	RESIDENTIAL	BEDROOM	W2/132	1.55	1.55	1.27	1.27	0.82
R3/132	RESIDENTIAL	BEDROOM	W3/132	1.08	1.08	0.89	0.89	0.82
19 AGAR GROVE								
Base Floor								
R3/129	RESIDENTIAL	BEDROOM	W3/129	0.77	0.77	0.59	0.59	0.77
R4/129	RESIDENTIAL	BEDROOM	W4/129	1.30	1.3	1.01	1.01	0.78
Gnd Floor								
R3/130 R3/130	RESIDENTIAL RESIDENTIAL	BEDROOM BEDROOM	W3/130 W4/130	1.17 1.16	2.33	0.92 0.93	1.84	0.79
1st Floor	INLOIDENTIAL	BEBROOM	VV4/130	1.10	2.55	0.93	1.04	0.19
ist Floor								
R4/131 R4/131	RESIDENTIAL RESIDENTIAL	BEDROOM BEDROOM	W4/131 W5/131	1.39 1.39	2.79	1.13 1.14	2.26	0.81
2nd Floor								
R4/132	RESIDENTIAL	BEDROOM	W4/132	0.95	0.95	0.79	0.79	0.83
R5/132	RESIDENTIAL	BEDROOM	W5/132	1.54	1.54	1.29	1.29	0.84
21 AGAR GROVE								
Base Floor								
R1/139	RESIDENTIAL	LIVINGROOM	W1/139	0.74	0.74	0.61	0.61	0.82
R2/139	RESIDENTIAL	BEDROOM	W2/139	0.85	0.85	0.75	0.75	0.88
Gnd Floor								
R1/140	RESIDENTIAL	LIVINGROOM	W1/140	1.90	1.9	1.57	1.57	0.83
R3/140	RESIDENTIAL	BEDROOM	W5/140	1.90	1.9	1.65	1.65	0.87
1st Floor								
R1/141	RESIDENTIAL	LIVINGROOM	W1/141	1.39	1.39	1.17	1.17	0.84
R3/141	RESIDENTIAL	KITCHEN	W3/141	1.33	1.33	1.17	1.17	0.88
2nd Floor								
R1/142	RESIDENTIAL	BEDROOM	W1/142	0.88	0.88	0.75	0.75	0.85
R3/142	RESIDENTIAL	BEDROOM	W3/142	0.93	0.93	0.82	0.82	0.88
23 AGAR GROVE								
Base Floor								
R3/139	RESIDENTIAL	LIVINGROOM	W3/139	0.96	0.96	0.84	0.84	0.88
R4/139	RESIDENTIAL	BEDROOM	W4/139	0.82	0.82	0.73	0.73	0.89
Gnd Floor								
R4/140	RESIDENTIAL	LIVINGROOM	W6/140	2.15	2.15	1.91	1.91	0.89
I	I							



Property /	Property	Room	Window		ADF (%)	Proposed	d ADF (%)	*Factor of
room ref.	type	usage	ref.	Contrib.	Total	Contrib.	Total	former value
R6/140	RESIDENTIAL	BEDROOM	W10/140	2.23	2.23	2.01	2.01	0.90
1st Floor								
R4/141	RESIDENTIAL	LIVINGROOM	W4/141	1.44	1.44	1.28	1.28	0.89
R6/141	RESIDENTIAL	BEDROOM	W6/141	1.41	1.41	1.28	1.28	0.91
2nd Floor								
R4/142	RESIDENTIAL	BEDROOM	W4/142	1.00	1	0.89	0.89	0.89
R6/142	RESIDENTIAL	BEDROOM	W6/142	0.93	0.93	0.85	0.85	0.91
25 AGAR GRO	/E							
1st Floor								
R2/151	RESIDENTIAL	BEDROOM	W2/151	0.77	0.77	0.76	0.76	0.99
R3/151	RESIDENTIAL	BEDROOM	W3/151	0.98	0.98	0.88	0.88	0.90
R4/151	RESIDENTIAL	BEDROOM	W4/151	3.35	3.35	3.26	3.26	0.97
2nd Floor								
R2/152	RESIDENTIAL	BEDROOM	W2/152	0.99	0.99	0.98	0.98	0.99
R3/152	RESIDENTIAL	BEDROOM	W3/152	1.18	1.18	1.08	1.08	0.92
R4/152	RESIDENTIAL	BEDROOM	W4/152	1.95	1.95	1.90	1.90	0.97
3rd Floor								
R1/153	RESIDENTIAL	BEDROOM	W1/153	1.31	1.31	1.23	1.23	0.94
R2/153	RESIDENTIAL	BATHROOM	W2/153	1.43	1.43	1.34	1.34	0.94
R3/153	RESIDENTIAL	BEDROOM	W3/153	2.19	2.19	2.15	2.15	0.98
CRANBOURNE	H							
Gnd Floor								
R1/360 R1/360 R1/360 R1/360 R1/360	RESIDENTIAL RESIDENTIAL RESIDENTIAL RESIDENTIAL	LKD LKD LKD LKD LKD	W1/360 W2/360 W3/360 W4/360 W5/360	0.28 0.33 0.32 0.14 0.15	1.21	0.24 0.27 0.26 0.11 0.12	1.00	0.83
R2/360 R2/360 R2/360 R2/360	RESIDENTIAL RESIDENTIAL RESIDENTIAL RESIDENTIAL	LIVINGROOM LIVINGROOM LIVINGROOM LIVINGROOM	W6/360 W7/360 W8/360 W9/360	0.22 0.24 0.23 0.24	0.95	0.18 0.20 0.19 0.20	0.76	0.80
R3/360 R3/360 R3/360 R3/360 R3/360 R3/360	RESIDENTIAL RESIDENTIAL RESIDENTIAL RESIDENTIAL RESIDENTIAL	LKD LKD LKD LKD LKD LKD	W10/360 W11/360 W12/360 W13/360 W14/360 W15/360	0.17 0.18 0.39 0.42 0.26 0.13	1.55	0.13 0.14 0.31 0.33 0.25 0.13	1.29	0.83
1st Floor								
R1/361	RESIDENTIAL	BED	W1/361	0.91	0.91	0.75	0.75	0.82
R2/361 R2/361	RESIDENTIAL RESIDENTIAL	BED BED	W2/361 W3/361	0.45 0.49	0.95	0.35 0.41	0.76	0.80



Property /	Property	Room	Window	Existing A	ADF (%)	Proposed	ADF (%)	*Factor of
room ref.	type	usage	ref.	Contrib.	Total	Contrib.	Total	former value
	1,760	Jacabe	1. •					
R3/361	RESIDENTIAL	BED	W4/361	0.31		0.25		
R3/361	RESIDENTIAL	BED	W5/361	0.33		0.27		
R3/361	RESIDENTIAL	BED	W6/361	0.32		0.26		
R3/361	RESIDENTIAL	BED	W7/361	0.33	1.3	0.27	1.05	0.81
R4/361	RESIDENTIAL	BED	W8/361	0.51		0.40		
R4/361	RESIDENTIAL	BED	W9/361	0.51	1.01	0.41	0.82	0.81
R5/361	RESIDENTIAL	BED	W10/361	1.00	1	0.78	0.78	0.78
FERNDOWN HOL	J							
Gnd Floor								
D. 4 (0.70)	DECIDENTIAL		1444/070					
R1/370	RESIDENTIAL	LIVINGROOM	W1/370	0.09		0.09		
R1/370	RESIDENTIAL	LIVINGROOM	W2/370	0.43		0.43		
R1/370	RESIDENTIAL	LIVINGROOM	W3/370	0.43		0.37		
R1/370	RESIDENTIAL	LIVINGROOM	W4/370	0.09		0.07		
R1/370	RESIDENTIAL	LIVINGROOM	W5/370	1.60	2.63	1.24	2.20	0.84
	. CODENTIAL	LIVINGICOOM	***************************************	1.00	2.00	1.27	2.20	0.04
R2/370	RESIDENTIAL	KITCHEN	W6/370	1.52	1.52	1.20	1.20	0.79
R3/370	RESIDENTIAL	LIVINGROOM	W9/370	1.93	1.93	1.40	1.40	0.73
R4/370	RESIDENTIAL	KITCHEN	W10/370	1.19	1.19	0.90	0.90	0.76
R5/370	RESIDENTIAL	BEDROOM	W11/370	1.40	1.4	0.97	0.97	0.69
					1.4		0.97	0.09
R6/370	RESIDENTIAL	BEDROOM	W12/370	0.51		0.36		
R6/370	RESIDENTIAL	BEDROOM	W13/370	0.09		0.07		
R6/370	RESIDENTIAL	BEDROOM	W14/370	0.56		0.42		
R6/370	RESIDENTIAL	BEDROOM	W15/370	0.09	1.25	0.08	0.93	0.74
1 10/07 0	T LOID ETT II TE	DEDITOO!!!	** 10/010	0.00	1.20	0.00	0.00	0.7 1
R7/370	RESIDENTIAL	BEDROOM	W16/370	0.07		0.06		
R7/370	RESIDENTIAL	BEDROOM	W17/370	0.49		0.33		
R7/370	RESIDENTIAL	BEDROOM	W18/370	0.58		0.46		
R7/370	RESIDENTIAL	BEDROOM	W19/370	0.10	1.24	0.11	0.95	0.77
R8/370	RESIDENTIAL	BEDROOM	W20/370	1.53	1.53	1.16	1.16	0.76
1st Floor								
R1/371	RESIDENTIAL	LIVINGROOM	W1/371	0.09		0.09		
R1/371	RESIDENTIAL	LIVINGROOM	W2/371	0.48		0.47		
R1/371	RESIDENTIAL	LIVINGROOM	W3/371	0.48		0.41		
R1/371	RESIDENTIAL	LIVINGROOM	W4/371	0.09		0.08		
				1.67	2.81		2 26	0.84
R1/371	RESIDENTIAL	LIVINGROOM	W5/371	1.07	∠.ŏ1	1.32	2.36	0.84
R2/371	RESIDENTIAL	KITCHEN	W6/371	1.68	1.68	1.34	1.34	0.80
D2/274	DECIDENTIAL		\N/7/074	0.00		0.50		
R3/371	RESIDENTIAL	LIVINGROOM	W7/371	0.60	0.0	0.53	0.00	0.70
R3/371	RESIDENTIAL	LIVINGROOM	W8/371	2.00	2.6	1.50	2.03	0.78
R4/371	RESIDENTIAL	KITCHEN	W9/371	1.25	1.25	0.97	0.97	0.78
R5/371	RESIDENTIAL	BEDROOM	W10/371	1.55	1.55	1.11	1.11	0.72
D0/074	DEOIDENES	DEDDOOM	14/4/107/	0.00		0.07		
R6/371	RESIDENTIAL	BEDROOM	W11/371	0.09		0.07		
R6/371	RESIDENTIAL	BEDROOM	W12/371	0.53		0.38		
R6/371	RESIDENTIAL	BEDROOM	W13/371	0.58		0.44		
R6/371	RESIDENTIAL	BEDROOM	W14/371	0.09	1.28	0.08	0.98	0.77
	RESIDENTIAL	BEDROOM	W15/371	0.07		0.06		
R7/371				0.52		0.37		1
	IRESIDENTIAI	BEDROOM	VV [10/57 ]	0.37				
R7/371 R7/371 R7/371	RESIDENTIAL RESIDENTIAL	BEDROOM BEDROOM	W16/371 W17/371					
	RESIDENTIAL RESIDENTIAL RESIDENTIAL	BEDROOM BEDROOM	W17/371 W17/371 W18/371	0.61 0.11	1.31	0.48 0.11	1.02	0.78



Property /	Property	Room	Window	Existing	ADF (%)	Proposed	ADF (%)	*Factor of
room ref.	type	usage	ref.	Contrib.	Total	Contrib.	Total	former value
R8/371	RESIDENTIAL	BEDROOM	W19/371	1.61	1.61	1.22	1.22	0.76
. 10, 0.		222.100						00
R9/371	RESIDENTIAL	KITCHEN	W20/371	1.91		1.46		
R9/371	RESIDENTIAL	KITCHEN	W21/371	2.11	4.03	2.09	3.55	0.88
2nd Floor								
R1/372	RESIDENTIAL	LIVINGROOM	W1/372	0.09		0.09		
R1/372	RESIDENTIAL	LIVINGROOM	W 1/372 W2/372	0.09		0.09		
R1/372	RESIDENTIAL	LIVINGROOM	W3/372	0.52		0.30		
R1/372	RESIDENTIAL	LIVINGROOM	W4/372	0.52		0.43		
R1/372	RESIDENTIAL	LIVINGROOM	W5/372	1.75	2.98	1.42	2.54	0.85
1(1/5/2	RESIDENTIAL	LIVINGROOM	VV3/312	1.75	2.50	1.42	2.54	0.03
R2/372	RESIDENTIAL	KITCHEN	W6/372	1.78	1.78	1.46	1.46	0.82
D2/272	DECIDENTIAL	LIVUNICECOM	14/7/272	0.04		0.57		
R3/372 R3/372	RESIDENTIAL	LIVINGROOM	W7/372	0.64	0.70	0.57	0.40	0.00
R3/3/2	RESIDENTIAL	LIVINGROOM	W8/372	2.09	2.73	1.62	2.19	0.80
R4/372	RESIDENTIAL	KITCHEN	W9/372	1.30	1.3	1.04	1.04	0.80
R5/372	RESIDENTIAL	BEDROOM	W10/372	1.54	1.54	1.15	1.15	0.75
1.0/0/2	INCOIDEINTIAL	PEDITOON	VV 10/0/2	1.04	1.04	1.13	1.10	0.73
R6/372	RESIDENTIAL	BEDROOM	W11/372	0.09		0.08		
R6/372	RESIDENTIAL	BEDROOM	W12/372	0.57		0.43		
R6/372	RESIDENTIAL	BEDROOM	W13/372	0.61		0.48		
R6/372	RESIDENTIAL	BEDROOM	W14/372	0.09	1.36	0.09	1.07	0.79
R7/372	RESIDENTIAL	BEDROOM	W15/372	0.07		0.06		
R7/372	RESIDENTIAL	BEDROOM	W16/372	0.54		0.40		
R7/372	RESIDENTIAL	BEDROOM	W17/372	0.63		0.51		
R7/372	RESIDENTIAL	BEDROOM	W18/372	0.11	1.35	0.11	1.08	0.80
R8/372	RESIDENTIAL	BEDROOM	W19/372	1.68	1.68	1.29	1.29	0.77
R9/372	RESIDENTIAL	KITCHEN	W20/372	1.98		1.52		
R9/372	RESIDENTIAL	KITCHEN	W21/372	2.13	4.11	2.11	3.63	0.88
3rd Floor								
3ra Floor								
R1/373	RESIDENTIAL	LIVINGROOM	W1/373	0.09		0.09		
R1/373	RESIDENTIAL	LIVINGROOM	W2/373	0.54		0.52		
R1/373	RESIDENTIAL	LIVINGROOM	W3/373	0.54		0.47		
R1/373	RESIDENTIAL	LIVINGROOM	W4/373	0.09		0.08		
R1/373	RESIDENTIAL	LIVINGROOM	W5/373	1.72	2.98	1.43	2.58	0.87
1(1/0/0	REOIDENTIAL	LIVINOROOM	VV 0/0 / 0	1.72	2.50	1.40	2.50	0.07
R2/373	RESIDENTIAL	KITCHEN	W6/373	1.74	1.74	1.46	1.46	0.84
R3/373	RESIDENTIAL	LIVINGROOM	W7/373	0.70		0.64		
R3/373	RESIDENTIAL	LIVINGROOM	W8/373	2.04	2.75	1.64	2.28	0.83
R4/373	RESIDENTIAL	KITCHEN	W9/373	1.22	1.22	1.00	1.00	0.82
R5/373	RESIDENTIAL	BEDROOM	W10/373	1.47	1.47	1.13	1.13	0.77
R6/373	RESIDENTIAL	REDDOOM	W11/373	0.08		0.07		
		BEDROOM						
R6/373	RESIDENTIAL	BEDROOM	W12/373	0.59		0.46		
R6/373	RESIDENTIAL	BEDROOM	W13/373	0.58	4.05	0.47	1.00	0.04
R6/373	RESIDENTIAL	BEDROOM	W14/373	0.10	1.35	0.10	1.09	0.81
R7/373	RESIDENTIAL	BEDROOM	W15/373	0.08		0.07		
R7/373	RESIDENTIAL	BEDROOM	W15/373 W16/373	0.00		0.07		
R7/373	RESIDENTIAL	BEDROOM	W10/373 W17/373	0.57		0.43		
R7/373	RESIDENTIAL	BEDROOM	W17/373 W18/373	0.05	1.41	0.54	1.16	0.82
111111	INCOIDENTIAL	PEDITOON	VV 10/3/3	0.10	1.41	0.10	1.10	0.02
R8/373	RESIDENTIAL	BEDROOM	W19/373	1.59	1.59	1.25	1.25	0.79
R9/373	RESIDENTIAL	KITCHEN	W20/373	1.97		1.55		
R9/373	RESIDENTIAL	KITCHEN	W21/373	2.10	4.07	2.08	3.63	0.89



10/05/2022		301	ROUNDING	BUILDING	3			
Property /	Property	Room	Window	Existing		Proposed		*Factor of
room ref.	type	usage	ref.	Contrib.	Total	Contrib.	Total	former value
216-230 BARKE	R							
1st Floor								
R1/261	RESIDENTIAL	UNKNOWN	W1/261	2.31	2.31	2.13	2.13	0.92
2nd Floor								
R1/262	RESIDENTIAL	UNKNOWN	W1/262	2.49	2.49	2.26	2.26	0.91
3rd Floor								
R1/263	RESIDENTIAL	UNKNOWN	W1/263	2.65	2.65	2.36	2.36	0.89
200-214 BARKE	R							
Gnd Floor								
R1/250	RESIDENTIAL	UNKNOWN	W1/250	1.74	1.74	1.61	1.61	0.93
R2/250	RESIDENTIAL	UNKNOWN	W2/250	0.98	0.98	0.91	0.91	0.93
R3/250	RESIDENTIAL	UNKNOWN	W3/250	0.96	0.96	0.89	0.89	0.93
R4/250	RESIDENTIAL	UNKNOWN	W4/250	1.47	1.47	1.36	1.36	0.93
1st Floor								
R1/251	RESIDENTIAL	UNKNOWN	W1/251	1.95	1.95	1.78	1.78	0.91
R2/251	RESIDENTIAL	UNKNOWN	W2/251	1.04	1.04	0.95	0.95	0.91
R3/251	RESIDENTIAL	UNKNOWN	W3/251	1.03	1.03	0.94	0.94	0.91
R4/251	RESIDENTIAL	UNKNOWN	W4/251	1.63	1.63	1.49	1.49	0.91
2nd Floor								
R1/252	RESIDENTIAL	UNKNOWN	W1/252	2.00	2	1.79	1.79	0.90
R2/252	RESIDENTIAL	UNKNOWN	W2/252	1.12	1.12	1.00	1.00	0.89
R3/252	RESIDENTIAL	UNKNOWN	W3/252	1.10	1.1	0.98	0.98	0.89
R4/252	RESIDENTIAL	UNKNOWN	W4/252	1.67	1.67	1.49	1.49	0.89
3rd Floor								
R1/253	RESIDENTIAL	UNKNOWN	W1/253	2.13	2.13	1.89	1.89	0.89
R2/253	RESIDENTIAL	UNKNOWN	W2/253	0.91	0.91	0.80	0.80	0.88
R3/253	RESIDENTIAL	UNKNOWN	W3/253	0.89	0.89	0.78	0.78	0.88
R4/253	RESIDENTIAL	UNKNOWN	W4/253	1.78	1.78	1.56	1.56	0.88
184-198 BARKE	R							
Gnd Floor								
R5/250	RESIDENTIAL	UNKNOWN	W5/250	1.15	1.15	1.05	1.05	0.91
R6/250	RESIDENTIAL	UNKNOWN	W6/250	0.91	0.91	0.84	0.84	0.92
R7/250	RESIDENTIAL	UNKNOWN	W7/250	0.94	0.94	0.87	0.87	0.93
R8/250	RESIDENTIAL	UNKNOWN	W8/250	1.48	1.48	1.37	1.37	0.93



10/05/2022			OUNDING E					
Property /	Property	Room	Window ref.	Existing A Contrib.	DF (%) Total	Proposed Contrib.	ADF (%) Total	*Factor of former value
room ref.	type	usage	iei.	CONTRIB.	าบเสา	CONTINU.	TOTAL	Torriler value
1st Floor								
R5/251	RESIDENTIAL	UNKNOWN	W5/251	1.27	1.27	1.15	1.15	0.91
R6/251	RESIDENTIAL	UNKNOWN	W6/251	0.96	0.96	0.88	0.88	0.92
R7/251	RESIDENTIAL	UNKNOWN	W7/251	1.00	1	0.91	0.91	0.91
R8/251	RESIDENTIAL	UNKNOWN	W8/251	1.65	1.65	1.50	1.50	0.91
2nd Floor								
R5/252	RESIDENTIAL	UNKNOWN	W5/252	1.30	1.3	1.15	1.15	0.88
R6/252	RESIDENTIAL	UNKNOWN	W6/252	1.04	1.04	0.93	0.93	0.89
R7/252	RESIDENTIAL	UNKNOWN	W7/252	1.07	1.07	0.95	0.95	0.89
R8/252	RESIDENTIAL	UNKNOWN	W8/252	1.67	1.67	1.49	1.49	0.89
3rd Floor								
R5/253	RESIDENTIAL	UNKNOWN	W5/253	1.48	1.48	1.32	1.32	0.89
R6/253	RESIDENTIAL	UNKNOWN	W6/253	0.88	0.88	0.78	0.78	0.89
R7/253	RESIDENTIAL	UNKNOWN	W7/253	0.88	0.88	0.77	0.77	0.88
R8/253	RESIDENTIAL	UNKNOWN	W8/253	1.77	1.77	1.57	1.57	0.89
168-182 BARKER								
Gnd Floor								
R9/250	RESIDENTIAL	UNKNOWN	W9/250	0.57	0.57	0.53	0.53	0.93
R10/250	RESIDENTIAL	UNKNOWN	W10/250	0.76	0.76	0.71	0.71	0.93
1st Floor								
R9/251	RESIDENTIAL	UNKNOWN	W9/251	0.57	0.57	0.52	0.52	0.91
R10/251	RESIDENTIAL	UNKNOWN	W10/251	0.77	0.77	0.70	0.70	0.91
2nd Floor								
R9/252	RESIDENTIAL	UNKNOWN	W9/252	0.61	0.61	0.54	0.54	0.89
R10/252	RESIDENTIAL	UNKNOWN	W10/252	0.81	0.81	0.72	0.72	0.89
3rd Floor								
R9/253	RESIDENTIAL	UNKNOWN	W9/253	0.65	0.65	0.58	0.58	0.89
R10/253	RESIDENTIAL	UNKNOWN	W10/253	0.87	0.87	0.78	0.78	0.90
144-158 BARKER								
Gnd Floor								
R11/250	RESIDENTIAL	UNKNOWN	W11/250	1.54	1.54	1.44	1.44	0.94
R12/250	RESIDENTIAL	UNKNOWN	W12/250	0.99	0.99	0.93	0.93	0.94
R13/250	RESIDENTIAL	UNKNOWN	W13/250	0.98	0.98	0.92	0.92	0.94
R14/250	RESIDENTIAL	UNKNOWN	W14/250	1.63	1.63	1.53	1.53	0.94



Property / room ref.	Property type	Room usage	Window ref.	Existing A	ADF (%) Total	Proposed Contrib.	ADF (%) Total	*Factor of former value
R15/250	RESIDENTIAL	UNKNOWN	W15/250	1.84	1.84	1.73	1.73	0.94
R16/250	RESIDENTIAL	UNKNOWN	W16/250	0.84	0.84	0.79	0.79	0.94
1st Floor	RESIDENTIAL	ONKNOWN	VV 10/230	0.04	0.04	0.79	0.79	0.94
	DECIDENTIAL	LINIKNOWN	W11/251	1.63	1 62	1.50	1.50	0.92
R11/251	RESIDENTIAL	UNKNOWN	W11/251 W12/251		1.63	0.96	1.50 0.96	
R12/251 R13/251	RESIDENTIAL RESIDENTIAL	UNKNOWN	W13/251	1.05 1.04	1.05 1.04	0.96	0.95	0.91 0.91
			W14/251	1.72		1.59		0.91
R14/251	RESIDENTIAL	UNKNOWN			1.72		1.59	
R15/251	RESIDENTIAL	UNKNOWN	W15/251	1.73	1.73	1.61	1.61	0.93
R16/251	RESIDENTIAL	UNKNOWN	W16/251	0.89	0.89	0.83	0.83	0.93
2nd Floor	DECIDENTIAL	LINUALOMAL	W44/050	4.70	4.70	4.54	4.54	0.00
R11/252	RESIDENTIAL	UNKNOWN	W11/252	1.72	1.72	1.54	1.54	0.90
R12/252	RESIDENTIAL	UNKNOWN	W12/252	1.10	1.1	1.00	1.00	0.91
R13/252	RESIDENTIAL	UNKNOWN	W13/252	1.09	1.09	0.99	0.99	0.91
R14/252	RESIDENTIAL	UNKNOWN	W14/252	1.82	1.82	1.65	1.65	0.91
R15/252	RESIDENTIAL	UNKNOWN	W15/252	1.83	1.83	1.66	1.66	0.91
R16/252	RESIDENTIAL	UNKNOWN	W16/252	0.94	0.94	0.86	0.86	0.91
3rd Floor								
R11/253	RESIDENTIAL	UNKNOWN	W11/253	1.45	1.45	1.30	1.30	0.90
R12/253	RESIDENTIAL	UNKNOWN	W12/253	0.90	0.9	0.81	0.81	0.90
R13/253	RESIDENTIAL	UNKNOWN	W13/253	0.90	0.9	0.81	0.81	0.90
R14/253	RESIDENTIAL	UNKNOWN	W14/253	1.54	1.54	1.39	1.39	0.90
R15/253	RESIDENTIAL	UNKNOWN	W15/253	1.55	1.55	1.40	1.40	0.90
R16/253	RESIDENTIAL	UNKNOWN	W16/253	0.77	0.77	0.70	0.70	0.91
120-144 BARKER								
Gnd Floor								
R18/250	RESIDENTIAL	UNKNOWN	W18/250	0.56	0.56	0.53	0.53	0.95
R19/250	RESIDENTIAL	UNKNOWN	W19/250	0.75	0.75	0.71	0.71	0.95
1st Floor								
R18/251	RESIDENTIAL	UNKNOWN	W18/251	0.56	0.56	0.53	0.53	0.95
R19/251	RESIDENTIAL	UNKNOWN	W19/251	0.77	0.77	0.72	0.72	0.94
2nd Floor								
R18/252	RESIDENTIAL	UNKNOWN	W18/252	0.63	0.63	0.58	0.58	0.92
R19/252	RESIDENTIAL	UNKNOWN	W19/252	0.84	0.84	0.78	0.78	0.93
3rd Floor								



Property /	Property	Room	Window	Existing A	ADF (%)	Proposed	ADF (%)	*Factor of
room ref.	type	usage	ref.	Contrib.	Total	Contrib.	Total	former value
			-					
R18/253	RESIDENTIAL	UNKNOWN	W18/253	0.64	0.64	0.59	0.59	0.92
D40/2E2	DECIDENTIAL	LINIKNIOVAVNI	W19/253	0.86	0.06	0.79	0.70	0.02
R19/253	RESIDENTIAL	UNKNOWN	W 19/253	0.86	0.86	0.79	0.79	0.92
AGAR COMMUN	lT .							
Gnd Floor								
R1/380	EDUCATIONAL	TODDLER PLA	AY W1/380	0.21		0.21		
R1/380	EDUCATIONAL	TODDLER PLA		0.33		0.33		
R1/380	EDUCATIONAL	TODDLER PLA	AY W3/380	0.18		0.18		
R1/380	EDUCATIONAL	TODDLER PLA		0.31		0.31		
R1/380	EDUCATIONAL	TODDLER PLA		0.47		0.47		
R1/380	EDUCATIONAL	TODDLER PLA		0.47		0.47		
R1/380	EDUCATIONAL	TODDLER PLA		0.63		0.63		
R1/380	EDUCATIONAL	TODDLER PLA		0.09		0.09		
R1/380	EDUCATIONAL	TODDLER PLA		0.12		0.09		
R1/380	EDUCATIONAL	TODDLER PLA		0.33		0.24		
R1/380	EDUCATIONAL	TODDLER PLA		0.21		0.15		
R1/380	EDUCATIONAL	TODDLER PLA	AY W12/380	0.07		0.05		
R1/380	EDUCATIONAL	TODDLER PLA		0.80		0.58		
R1/380	EDUCATIONAL	TODDLER PLA		0.72	4.66	0.54	4.04	0.87
R2/380	EDUCATIONAL	BABY PLAYRO	C W 15/380	0.65		0.39		
						0.39		
R2/380	EDUCATIONAL	BABY PLAYRO		0.69				
R2/380	EDUCATIONAL	BABY PLAYRO		0.79		0.48		
R2/380	EDUCATIONAL	BABY PLAYRO		0.41		0.24		
R2/380	EDUCATIONAL	BABY PLAYRO		0.07		0.04		
R2/380	EDUCATIONAL	BABY PLAYRO	DC W20/380	0.19	2.79	0.11	1.65	0.59
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