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DAYLIGHT & SUNLIGHT REPORT

Avondale Drive
Hayes

Our Ref: 4900

19 December 2025

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Report details

Client: Higgins Partnership 1961 PLC
Prepared by: HG
Date of issue: December 2025

1 Introduction

- 1.1.1 This daylight & sunlight report has been prepared by eb7 on behalf of the London Borough of Hillingdon ('LBH') in support of a reserved matters application for Land at Avondale Drive, pursuant to Condition 1 of the hybrid permission for the site. A Section 73 application (application ref: 76551/APP/2025/2861) is currently pending and will be determined prior to the approval of this Reserved Matters Application which forms the baseline of this report. Therefore, this RMA responds to the revised wording of the planning conditions proposed within the Section 73 application.
- 1.1.2 Historically, eb7 were instructed to provide daylight consultancy advice in support of the proposed redevelopment of the Avondale Drive Estate in Hayes. These assessments considered the PTE Architects scheme proposals and were submitted in support of the Hybrid planning application 76550/APP/2021/4502, comprising of the following:
- OUTLINE permission (with all matters reserved) for residential floorspace (Class C3) including demolition of all existing buildings and structures; erection of new buildings; new pedestrian and vehicular accesses; associated amenity space, open space, landscaping; car and cycle parking spaces; plant, refuse storage, servicing area and other works incidental to the proposed development; and FULL planning permission for Block A comprising 30 residential units (Class C3); new pedestrian access; associated amenity space and landscaping; cycle parking, refuse storage, and other associated infrastructure.)*
- 1.1.3 A Section 73 application was submitted in November 2025 that sought to revise specific conditions of the original planning permission (reference 76551/APP/2021/4502), including conditions 3 (approved plans), 4 (approved documents), 5 (land use/quantum), 6 (housing mix), 7 (phasing plan), 8 (design code), 9 (density), 10 (building heights) and 15 (landscaping scheme).
- 1.1.4 This detailed reserved matters application includes the layouts of the proposed accommodation including detailed proposed scheme massing and elevations in relation to the revised parameters and conditions as set out in the above S73 application.
- 1.1.5 Accordingly, this report considers the daylight and sunlight impacts to the neighbouring residential properties, benchmarking these against the S73 application which will supersede the extant consent, as well as the sunlight and overshadowing within the proposal itself and the surrounding amenity space and internal daylight and sunlight levels to the proposed accommodation.
- 1.1.6 The methodology and criteria used for these assessments is provided by Building Research Establishment's (BRE) guidance 'Site layout planning for daylight and sunlight: A guide to good practice' (BRE 209 2nd edition, 2022).
- 1.1.7 In order to carry out an assessment, we have updated the original 3D computer model (Test Environment) of the existing site, the surrounding properties and the

proposed scheme.

- 1.1.8 The numerical criteria suggested within the BRE guidelines has been applied to the assessment mentioned above. It is important to note that these guidelines are not a rigid set of rules but are advisory and need to be applied flexibly according to the specific context of a site.

2 Guidance

2.1 Daylight & sunlight for planning

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

- 2.1.1 The Building Research Establishment (BRE) Report 209, *'Site layout planning for daylight and sunlight: A guide to good practice'*, is the reference document used by most local authorities for assessing daylight and sunlight in relation to new developments. Commonly referred to as 'the BRE guidelines', it provides various testing methodologies to calculate the potential light levels provided within proposed new development.
- 2.1.2 The guidance given within the BRE document makes direct reference to the British Standard BS EN17037 (2018) and the CIBSE (Chartered Institute of Building Services Engineers) guide LG10: Daylighting – a guide for designers (2014). It is intended to be used in conjunction with these documents, which provide guidance on the assessment of daylight and sunlight within new buildings.

2.2 Detailed daylight assessments (neighbouring properties)

- 2.2.1 The guidance outlines detailed methods for calculating daylight to neighbours - the Vertical Sky Component (VSC) and the No-Skyline (NSL).
- 2.2.2 The VSC test measures the amount of sky that is visible to a specific point on the outside of a property, which is directly related to the amount of daylight that can be received. It is measured on the outside face of the external walls, usually at the centre point of a window.
- 2.2.3 The NSL test calculates the distribution of daylight within rooms by determining the area of the room at desk / work surface height (the 'working plane') which can and cannot receive a direct view of the sky and hence 'sky light'. The working plane height is set at 850mm above floor level within residential property.
- 2.2.4 Where rooms are greater than 5m in depth and lit from only one side, the guidance recognises that *"a greater movement of the no skyline may be unavoidable"* (page 16, paragraph 2.2.12).

2.3 Detailed sunlight assessments (neighbouring properties)

- 2.3.1 For sunlight, the Annual Probable Sunlight Hours (APSH) test calculates the percentage of probable hours of sunlight received by a window or room over the course of a year.
- 2.3.2 In assessing sunlight effects to existing properties surrounding a new development, only those windows orientated within 90° of due south, and which overlook the site require assessment. The main focus is on living rooms, with bedrooms and kitchens

deemed less important.

- 2.3.3 The guidelines suggest that the main living rooms within new buildings should achieve at least 25% of annual sunlight hours, with 5% during the winter period. For neighbouring buildings, the guide suggests that occupiers will notice the loss of sunlight if the APSH to main living rooms is both less than 25% annually (with 5% during winter) and that the amount of sunlight, following the proposed development, is reduced by more than 4%, to less than 0.8 times its former value.

Sunlight to gardens and outdoor spaces

- 2.3.4 The impact to overshadowing and the provision of sunlight to open spaces is assessed using the Sunlight Amenity test. This looks at the proportion of an amenity area that receives at least 2 hours of sun on the 21st of March in the present condition and compares this with the proportion of the area that receives at least 2 hours of sun on the 21st of March with the proposal in place.
- 2.3.5 For an amenity space within a proposal to be considered well sunlit throughout the year, the BRE guide suggests that at least 50% of the space should enjoy at least 2 hours of direct sunlight on March 21st.
- 2.3.6 Where tall buildings are proposed and might affect surrounding amenity space, the BRE guide notes that *"it is often illustrative to plot a shadow plan showing the location of shadows at different times of day and year"*. Sometimes referred to as 'transient overshadowing'. It suggests shadow plots are undertaken at key times during the year to depict the sun's travel through the sky. Generally, this will include 21st March, June and December, which are the equinox (mid-point) and summer and winter solstices.
- 2.3.7 No numerical criteria are provided for transient overshadowing and therefore, professional judgement must be applied in determining the effects arising from new development. This is generally done by a comparative commentary describing differences between the pre-existing and proposed shadow paths. The guide also acknowledges that, when assessing shadow plots, *"it must be borne in mind that nearly all structures will create areas of shadow, and some degree of transient overshadowing is to be expected."*

2.4 Daylight to new buildings or consented developments

- 2.4.1 The 2022 update to the BRE 209 document was published on 9th June 2022. The new guidance reflects the UK National Annex of the British Standard: BS EN17037 (2018) and provides two methodologies for assessing the internal daylight amenity to new residential properties. These assessment methods are known as 'Daylight Illuminance' or 'Daylight Factor' and are described in more detail below: -

Daylight Illuminance Assessment

- 2.4.2 The Daylight Illuminance method utilises climactic data for the location of the site, based on a weather file for a typical or average year, to calculate the illuminance at

points within a room on at least hourly intervals across a year. The illuminance is calculated across an assessment grid sat at the reference plane (usually desk height).

2.4.3 The guidance provides target illuminance levels that should be achieved across at least half of the reference plane for half of the daylight hours within a year.¹ The targets set out within the national annex are as follows:

- Bedrooms – 100 Lux
- Living Rooms – 150 Lux
- Kitchens – 200 Lux

2.4.4 For spaces with a shared use the higher target would generally apply such that it would be appropriate to adopt a target of 150 Lux for a student bed sitting room if students would often spend time in their room during the day. The guidance notes that discretion should be used and, for example, a target of 150 Lux may be appropriate in a Living / Kitchen / Dining Room within a modern flatted development where the kitchens are not 'habitable' space and small separate kitchens are to be avoided.

Daylight Factor Assessment

2.4.5 The Daylight Factor method involves the computation of the daylight factor at each calculation point on the assessment grid.

2.4.6 The daylight factor is a ratio between internal and external illuminance expressed as a percentage. The calculation uses the CIE overcast sky model and is independent of orientation and location. In order to account for different climatic conditions at different locations different daylight factor targets may be applied for different cities with targets varying throughout the UK.

2.4.7 The daylight factor targets are to be achieved over at least 50% of the room assessment grid and are expressed as a median figure. For London these median daylight factor targets are:

- Bedrooms – 0.7%
- Living Rooms – 1.1%
- Kitchens – 1.4%

2.4.8 For multi-purpose living / kitchen / diner arrangements the higher 'kitchen' targets can be difficult to achieve due to the depth of internal space. In such cases, it is generally accepted that the 1.5% target for living rooms be used instead as this represents the predominant use of the space. The BRE guide gives the following: -

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

"2.1.15 non-daylit internal kitchens should be avoided wherever possible, especially if the kitchen is used as a dining area too. Daylight levels in kitchen areas should be checked. If the layout means that a small internal kitchen is inevitable, it should be directly linked to a well daylit room. Further guidance for assessment of this situation is given in Appendix C."

2.5 Sunlight to new buildings or consented developments

- 2.5.1 In respect of direct sunlight, the 2022 BRE guidance reflects the BS EN17037 recommendation that a space should receive a minimum of 1.5 hours of direct sunlight on a selected date between 1st February and 21st March with cloudless conditions. It is suggested that 21st March (equinox) be used for the assessment.
- 2.5.2 The BS EN17037 criterion can be applied to all rooms of a unit but it is preferable for the target to be achieved within a main living room. Rooms in all orientations may be assessed and the sunlight received by different windows may be added together providing there is no 'double counting'.
- 2.5.3 Where a group of dwellings are planned the site layout and design should maximise the number of dwellings with main living rooms meeting these targets. It is also advised that a dwelling has at least one window wall facing within 90 degrees of due south.

3 Application of the guidance

3.1 Scope of assessment

Impact analysis for neighbouring buildings

- 3.1.1 The BRE guidelines advise that, when assessing any potential effects on surrounding properties, only those windows and rooms that have a 'reasonable expectation' of daylight and sunlight need to be considered. At paragraph 2.2.2 it states: -

"The guidelines given here are intended for use for rooms in adjoining dwellings where daylight is required, including living rooms, kitchens and bedrooms. Windows to bathrooms, toilets, storerooms, circulation areas and garages need not be analysed."

- 3.1.2 As with the assessment submitted in the S73 proposals, our analysis consider the neighbouring residential properties only, which the BRE recognises have the highest expectation for natural light. We have tested the impact on the main rooms in each residential property and ignored non-habitable space (e.g., staircases, hallways, bathrooms, toilets, stores etc.) as per BRE guidance.

3.2 Application of the numerical criteria

- 3.2.1 The opening paragraphs of the BRE guidelines state:

"The guide is intended for building designers and their clients, consultants and planning officials. The advice given here is not mandatory and the guide should not be seen as an instrument of planning policy; its aim is to help rather than constrain the designer."

Although it gives numerical guidelines, these should be interpreted flexibly since natural lighting is only one of many factors in site layout design... In special circumstances the developer or planning authority may wish to use different target values. For example, in a historic city centre, or in an area with modern high-rise buildings, a higher degree of obstruction may be unavoidable if new developments are to match the height and proportions of existing buildings".

- 3.2.2 It is therefore very important to apply the BRE guidance sensibly and flexibly, with careful consideration of the specific site context. Its numerical targets theoretically apply to any built environment, from city centres to rural villages. However, in more tightly constrained environments, achieving the default BRE targets can be very challenging and conflict with other beneficial factors of site layout design.
- 3.2.3 With the above in mind, rigid adherence to the BRE in certain situations could easily result in an inappropriate form of development. In which case it may be appropriate to adopt lower target values more appropriate to the location concerned. This is acknowledged in the BRE guidance at paragraph 2.2.3 (page 7):

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

- 3.2.4 For buildings that neighbour a new development, the guidance suggests that daylight will be adversely affected by the development, if either; its windows achieve a VSC below 27% and have their levels reduced to less than 0.8 times their former value, or the levels of NSC within rooms are reduced to less than 0.8 times their former values.
- 3.2.5 Some recent planning decisions by the Mayor of London² and Planning Inspectorate³ have suggested that retained levels of daylight (VSC) between 10% and 20% can be considered acceptable for residential properties neighbouring new developments in Central London. We have therefore assessed the severity of impacts to the neighbouring residential properties in light of this guidance.

Appendix F – Setting alternative target values

- 3.2.6 In certain situations, the BRE guidance suggests that alternative target values may be set for the assessment of daylight and sunlight to neighbouring buildings.

"F1 Sections 2.1, 2.2 and 2.3 give numerical target values in assessing how much light from the sky is blocked by obstructing buildings. These values are purely advisory, and different targets may be used based on the special requirements of the proposed development or its location. Such alternative targets may be generated from the layout dimensions of existing development, or they may be derived from considering the internal layout and daylighting needs of the proposed development itself."

- 3.2.7 As suggested above, alternative target values may be set where the context of development is of a dense urban scale, where new buildings need to match the height and proportions of other existing buildings or where neighbouring buildings are set very close to the boundary.

Comparing existing planning consents

- 3.2.8 Where a site benefits from an extant but unimplemented planning permission, as is the scenario here in regard to the S73 application, it is reasonable to refer to the daylight and sunlight performance of the consented scheme as a contextual benchmark. This assists in establishing whether a revised proposal would give rise to any material change in impact relative to development that has already been deemed acceptable in planning terms.
- 3.2.9 However, as clarified in Appendix F2 of the BRE Guide, the "0.8 times former value"

² Monmouth House, Islington (Ref.: D&P/3698/02)

³ Whitechapel Estate (Ref: APP/E5900/W/17/3171437)

test applies only to existing buildings and windows that experience a reduction due to a new obstruction. The S73 scheme, being an unbuilt and theoretical form, does not constitute an existing scenario and therefore cannot be assessed using this target. Applying the 0.8 multiplier to the S73 scheme would not accord with the intent of the BRE methodology.

- 3.2.10 The appropriate approach is to undertake a direct comparison between the results for the S73 and revised scheme, considering the absolute differences in Vertical Sky Component (VSC) and Annual Probable Sunlight Hours (APSH). This allows the assessment to determine whether the RMA design introduces any additional or material loss beyond that already established through the S73 application.
- 3.2.11 It is also helpful to include a comparison of No-Skyline (NSL) results between the S73 outline and proposed scheme. NSL provides an additional layer of insight into how the distribution of daylight within affected rooms may change, offering a useful barometer of the relative impact on internal daylight amenity. When considered alongside VSC and APSH, the NSL comparison supports a balanced understanding of whether the revised design would materially alter the quality of daylight available compared with the S73 scheme.
- 3.2.12 Where such differences are negligible, the revised proposal can reasonably be regarded as having no materially greater impact than the S73 scheme.

4 Sources of Information & Assumptions

- 4.1.1 A 3d measured survey has been used to create a 3D computer model of the proposed development in the context of the existing site and surrounding buildings.
- 4.1.2 As before, where survey or planning information was unavailable, the position of the neighbouring property elevations has been estimated based upon brick counts from site photographs. Window positions and dimensions used directly affect the results of all assessment methods.
- 4.1.3 The full list of sources of information used in this assessment is as follows: -

4.2 Survey Solutions

3D Laser Scan

31652BWLS-01.dwg

3103-DGM-ZZ-3D-X-M3-X-0001-001.rvt

Received 02/08/2021

3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt

Received 21/10/2021

4.3 PRP Architects

3D model

3D model 251202.dwg

Received 02/12/2025

AVD-PRP-1B-00-GA-A-20700 - Phase 1B -

Ground & First Floor Plan_1.dwg

AVD-PRP-1B-02-GA-A-20701 - Phase 1B - Level

02 & 03 Plan_1.dwg

AVD-PRP-1B-04-GA-A-20702 - Phase 1B - Level

04 & 05 Plan_1.dwg

AVD-PRP-1B-06-GA-A-20703 - Phase 1B - Level

06 & 07 Plan_1.dwg

AVD-PRP-02-00-GA-A-20800 - Phase 2 -

Ground & First Floor Plan.dwg

Received 15/12/2025

- 4.3.1 In order to produce the daylight and sunlight assessments in line with BRE guidance, we have applied a number of inputs to represent the physical nature of the proposed development and surrounding context. These inputs are:

4.4 Material reflectance values

Surface	Reflectance value
Interior walls	0.8
Interior ceilings	0.8
Floors	0.4
Exterior walls and obstructions	0.2
Exterior ground	0.2

Table 1 - Surface reflectance of construction materials

4.5 Glazing properties

- 4.5.1 We have assumed that the glazing used within the development will be standard clear double glazed with a low emissivity coating with a diffuse transmittance factor of 0.68. We have also applied a window framing factor, to account for the proportion of frame to glazing. We have quantified this by measuring areas for windows across the proposed development.
- 4.5.2 We have also applied a maintenance factor to the windows to account for the build-up of dirt. These are listed in the table below: -

Type of window	Maintenance Factor
Vertical, no overhang	0.92
Vertical, sheltered from the rain	0.76
Sloping rooflight	0.84
Horizontal rooflight	0.76

5 The Site and Proposal

- 5.1.1 The Site occupies the majority of the Avondale Drive Estate comprising Phases 1b and 2 (Development Zones 2 and 3) of the wider masterplan. The original wider estate consists of three 13-storey blocks of flats containing 144 homes in total, all of which are two-bedroom homes. This RMA follows the completion of Phase 1a, new apartment building of 30 homes, located at the western end of the estate.
- 5.1.2 The surrounding area generally comprises two to three storey residential dwellings (including that to the southern side of Avondale Drive); Hitherbroom Park is located to the north of the site and Minet Infant School is located to the west.

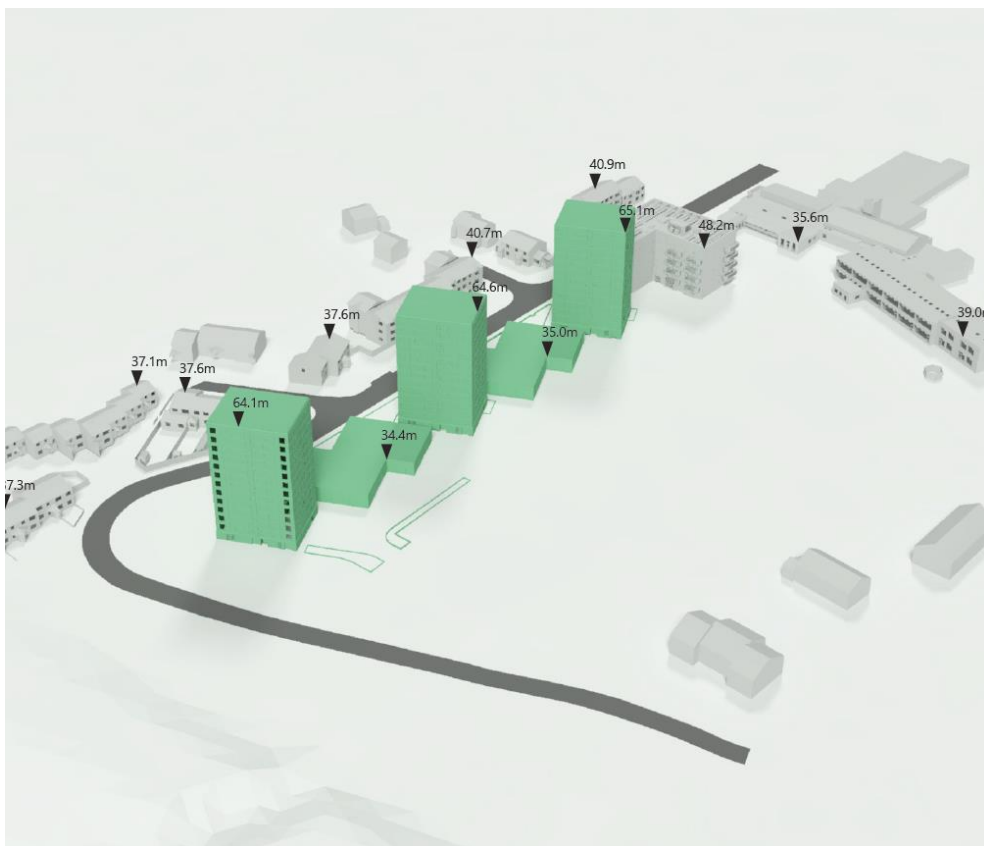


Image 1 - 3D view of the existing site within the surrounding context

The extant consent is a hybrid planning permission, with a detailed element (Phase 1a) comprising a 30 home residential block (Block A) and an outline element (Phase 1b and Phase 2) with all matters reserved. Following the discharge of relevant planning conditions and the approval of a number of non-material amendment applications, Block A is now complete on site. The original outline consent alongside Block A is shown in the image below.

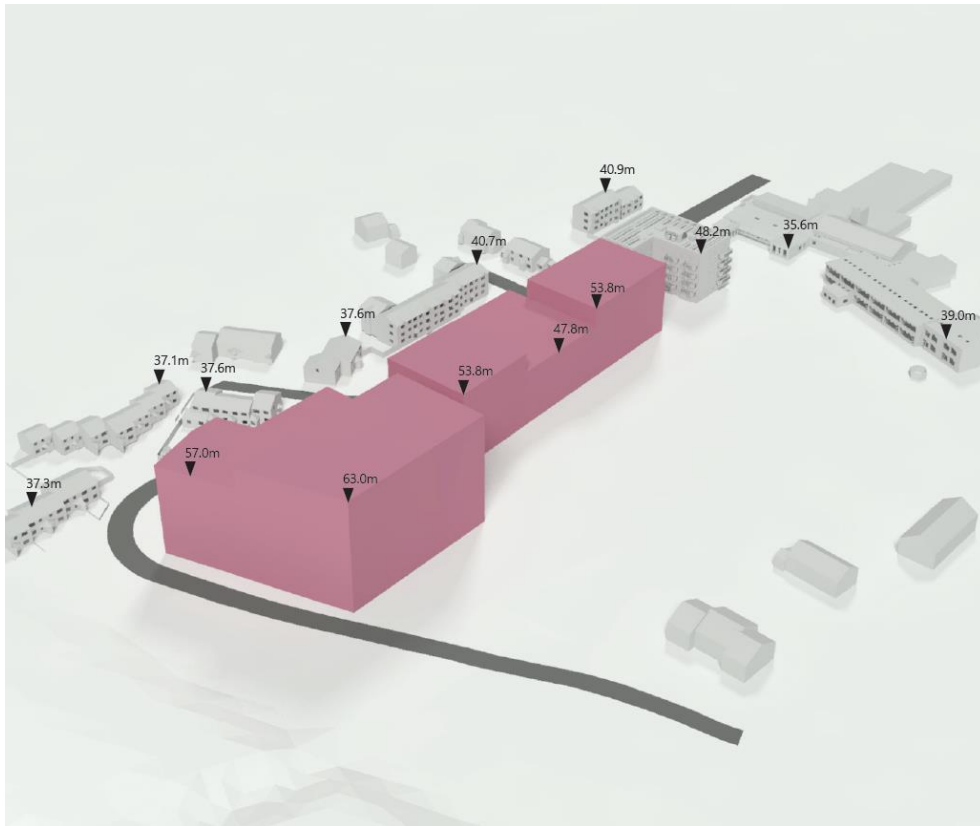


Image 2 - 3D view of the 2021 outline scheme

- 5.1.3 The submitted Section 73 application sought to revise specific conditions of the original planning consent (reference 76551/APP/2021/4502), including conditions 3 (approved plans), 4 (approved documents), 5 (land use/quantum), 6 (housing mix), 7 (phasing plan), 9 (density), and 10 (building heights). The S73 outline proposal is shown in image 3 below with the accompanying illustrative scheme shown in image 4.

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floorspace (Class C3) including demolition of all existing buildings and structures; erection of new buildings; new pedestrian and vehicular accesses; associated amenity space, open space, landscaping; car and cycle parking spaces; plant, refuse storage, servicing area and other works incidental to the proposed development;) for the erection of dwellings with associated landscaping, amenity space, parking, access and associated works.

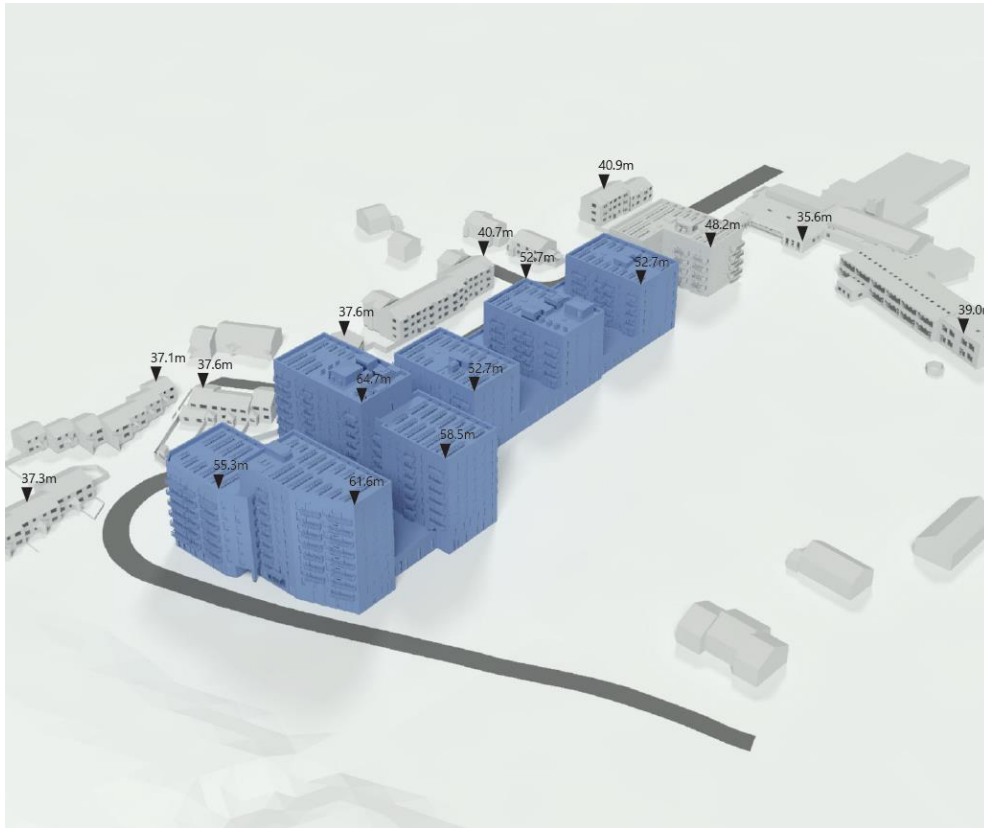


Image 5 - 3D view of the proposed 2025 RMA scheme and context

6 Assessment results

6.1 Daylight and sunlight to neighbouring buildings

- 6.1.1 The residential nature of the surrounding context has necessitated an updated assessment of the potential impacts of the proposed scheme to the closest residential properties.
- 6.1.2 Full results of the daylight and sunlight assessments are attached within the appendix. Drawings to show the existing and proposed buildings in the context of the neighbouring properties as well as window maps showing individual window references are attached within Appendix 1.
- 6.1.3 Our assessment has considered all of the closest neighbouring residential properties with windows overlooking the proposed development as well as the Minet Infant and Junior School. These are shown on the following image: -

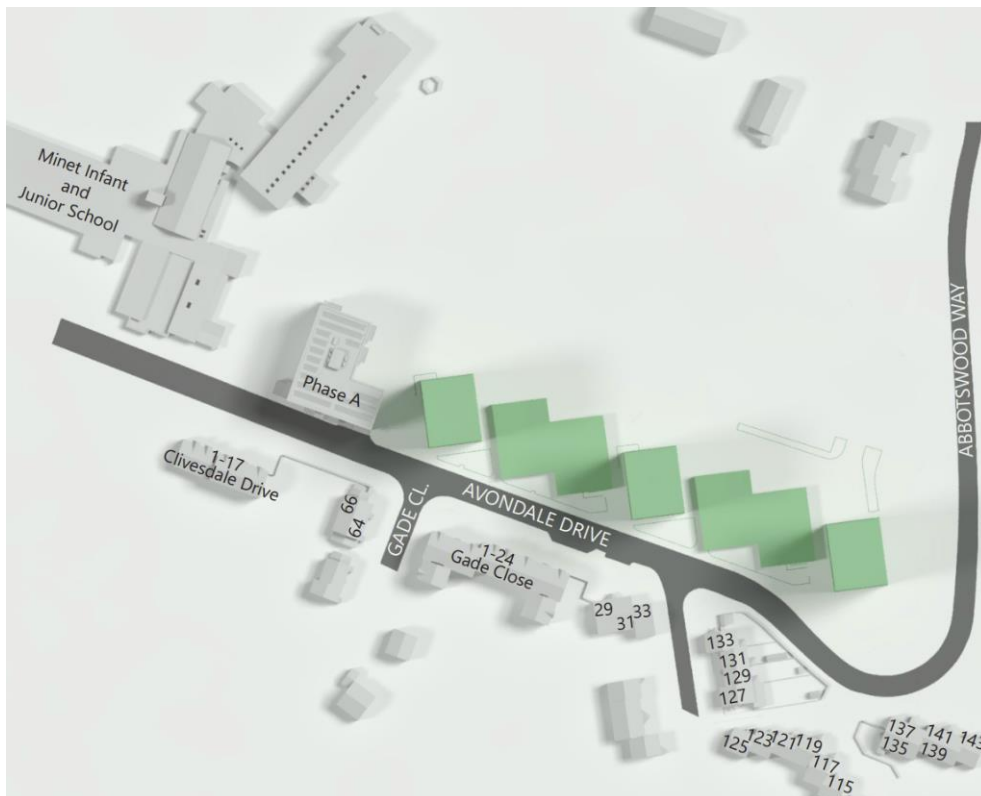


Image 6 - Plan of the existing site and the neighbouring properties considered for daylight and sunlight

- | | |
|------------------------------------|------------------------------------|
| 1. Minet Infant and Junior School | 2. 1 – 17 Clivesdale Drive |
| 3. 66 Gade Close | 4. 1 – 24 Gade Close |
| 5. 29 – 33 Avondale Drive (odds) | 6. 127 – 133 Avondale Drive (odds) |
| 7. 113 – 125 Avondale Drive (odds) | 8. Phase 1A |
| | 9. 135 – 143 Avondale Drive (odds) |

- 6.1.4 The following assessments have considered the impacts of the proposed scheme compared to the impacts of the S73 illustrative masterplan scheme which was tested as part of the S73 application submission daylight report; thus illustrating any positive or negative shifts in retained daylight/sunlight in accordance with Appendix F of the BRE guidelines.

Minet Infant and Junior School



Image 7 - The Minet Infant and Junior School, Eastern elevations

- 6.1.5 This primary school is arranged across 1 to 2-storeys and adjoins the Avondale Drive Estate to the west. There are a number of windows within the eastern elevations that will overlook the Phase 1 element of the proposals.
- 6.1.6 Whilst the neighbouring school is non-residential, the BRE guidelines may also be applied to certain non-domestic neighbouring buildings where the occupants have a reasonable expectation of daylight, including schools therefore we have considered the potential effects to this building.
- 6.1.7 Our understanding of this property has been informed by planning drawings available from the Hillingdon planning portal (REF: 2297/APP/2021/2704).

Daylight

- 6.1.8 The results of the daylight and sunlight analysis confirm that the RMA application will have no additional material impact on the school when compared to the S73 illustrative masterplan scheme. Any changes in VSC are limited to 0.1%-0.3% reductions VSC or show no change in VSC when compared to the S73 illustrative masterplan position. All of the windows within the school will retain VSC and NSC levels well in excess of the BRE targets.

1-17 Clivesdale Drive



Image 8 - Street view of 1-17 Clivesdale Drive, front elevation

- 6.1.9 This part 3 / part 2-storey block of flats is situated to the southwest of the site. As the front elevation windows face due north, it has not been necessary to consider this property for sunlight effects in line with the BRE guidelines.
- 6.1.10 The internal configurations of this property are based upon estate agent plans and site photographs as information was limited on the Hillingdon planning portal.

Daylight

- 6.1.11 The results of the assessments confirm no material change in daylight and sunlight when compared to the impacts of the S73 illustrative masterplan. Retained VSC values all remain within 0.3% of the S73 application which will be an imperceptible change.
- 6.1.12 The majority of rooms within this apartment building are served by multiple windows which further confirms the high level of retained daylight following the delivery of the proposed scheme. No change is noted in NSC levels when comparing the S73 and RMA schemes.

Sunlight

- 6.1.13 In terms of sunlight, the living spaces within this apartment building will experience no change in APSH when compared to the impacts of the S73 application.

66 Gade Close



Image 9 - View of 66 Gade Close from the site, front elevation

- 6.1.14 This 2-storey terrace is located to the south of the site along Avondale Drive. All of the windows are located within the principal elevations facing away from the scheme such that they would be limited to oblique views of the scheme. We have therefore limited our assessment of this property to the nearest ground level window to understand the potential effects to this terrace.
- 6.1.15 We have modelled the internal layouts of this property from existing plans available from the Hillingdon planning portal (REF: 35342/APP/2008/784). These show that nearest ground level room to be a single aspect reception room.
- 6.1.16 Given this neighbouring property is located to the south of the proposals, it has not been necessary to consider this property for sunlight effects.

Daylight

- 6.1.17 The result of the VSC assessments indicate that there are slight alterations recorded in the VSC to the three habitable windows assessed as when comparing the S73 and detailed RMA scheme. However, these are noted to be exceptionally minor and comfortably within the expected tolerance. Changes in VSC level are all within 0.5% of those recorded in the S73 scenario and therefore not noticeable; retained levels all remain in excess of 19.7%. No material change is recorded in respect of daylight penetration to the room within any shifts in no sky contour limited to less than 0.5 sq. m.

1 – 24 Gade Close



Image 10 - Front elevation of 1-24 Gade Close, North elevation

- 6.1.18 This 3-storey block of flats is located to the south of the development site, approximately 20m across Avondale Drive. The front elevation contains a number of windows across all floors that overlook the existing site.
- 6.1.19 Estate agency layouts have been used to inform our understanding of this building's internal arrangement. These show that the rooms overlooking the site comprise a mixture of living spaces, bedrooms, kitchens and circulation space. Hallways and stairways are not relevant for assessment under the BRE guidelines given their non-habitable use. In addition, the plans show small 'galley style' kitchens between c.6-8m² – the Mayor of London's Housing Supplementary Planning Guidance refers to kitchens below 13-15m² as 'non-habitable' such that they are considered less sensitive than principal living spaces.
- 6.1.20 These neighbours currently enjoy a low angle sky views across the single storey car park between Glenlister House and Fitzgerald House therefore any reasonable development will result in a degree of change from the prevailing daylight levels.
- 6.1.21 As the property overlooks the site to the north, this property is not relevant for sunlight assessment under the BRE guidelines.

Daylight

- 6.1.22 The VSC analysis considers the impacts of the proposals to a total of 78 windows which is the same number as under the S73 application. Where windows experience marginal reductions in VSC when compared to the S73 illustrative scenario these are generally limited to shifts of 2% VSC or less which is a non-material change from the S73 illustrative masterplan scenario.
- 6.1.23 Equally, the majority of these windows serve rooms which also benefit from additional apertures which remain either unaffected by the changes or experience positive shifts in VSC. Notwithstanding where reductions in VSC are being recorded the majority of windows retain absolute VSC levels of 20% and above which is commensurate to those generally found in urban development.

- 6.1.24 In terms of NSC, two ground floor rooms will experience changes in daylight distribution when comparing the S73 and RMA schemes, although this is limited to 2.5 sq. m. of sky contour with well over 50% of the room still maintaining sky visibility. The majority of the remaining rooms experiencing either very limited or no change in sky visibility which confirms the limited impact to this apartment building.

29-33 Avondale Drive (odd)



Image 11 - Streetview of 29 – 33 Avondale Drive

- 6.1.25 These 2-storey dwellings are located to the south of the site along Avondale Drive and enjoy their principal aspect between the 2 existing towers at the site Glenlister & Fitzgerald House.
- 6.1.26 Internal information was limited for these neighbouring properties therefore we have assumed the internal configurations from external inspection.
- 6.1.27 As the windows overlooking the site face due north, it has not been necessary to consider these neighbouring properties for sunlight under the BRE guidelines.

Daylight

- 6.1.28 Our VSC results based on the S73 illustrative scheme vs the RMA scenarios demonstrate that the windows serving habitable rooms across these three properties will experience marginal shifts although these are limited to 1.6% VSC and below which are not noticeable changes from the S73 position. All but one of the habitable rooms will retain VSC levels in excess of 20% which is considered appropriate for an urban location.
- 6.1.29 The analysis indicates some additional reductions in sky visibility affecting a small number of rooms; however these reductions are limited to less than 1 sq. m. which is unnoticeable.

127- 133 Avondale Drive (odds)



Image 12 - Aerial view of 127-133 Avondale Drive, rear elevations

- 6.1.30 These 2-storey dwellings are situated to the south of the Avondale Drive Estate site with the rear elevation overlooking the site. The majority of these rear elevations are orientated such that they enjoy outlook past the proposals across Avondale Drive though 133 Avondale Drive is recessed and somewhat blinkered by the neighbouring property 131 Avondale Drive.
- 6.1.31 Existing floorplans were available for no.127 on the Hillingdon planning portal (REF: 59904/APP/2004/2426) therefore we have used these to inform our modelling of this property. As 133 Avondale Drive is a similar construction with the entranceway to the side of the property, we have assumed a similar layout for this neighbouring property. For 129 & 131 Avondale Drive, the internal configurations have been assumed from external inspection.
- 6.1.32 As the windows overlooking the site are within 90° of due north, it has not been necessary to consider this property for sunlight effects under the BRE guidelines.

Daylight

- 6.1.33 The results of the analysis demonstrate that the majority of windows will continue to retain VSC levels in excess of 20% when comparing the S73 illustrative scheme and RMA proposals. VSC reductions are limited to 0.8% or less with the majority of the windows still remaining above the recommended BRE targets.

- 6.1.34 NSC values remain broadly consistent with the S73 scenario with virtually no change in sky visibility. Reductions in NSC does affect No. 133 however these reductions are limited to well below 0.7 sq. m. or less which is not material.
- 6.1.35 Crucially, the revisions to the proposals include more defined breaks in the building massing which is a direct response to the sensitivity presented by these windows.

113-125 Avondale Drive (odd)



Image 13 - Street view of 113 – 125 Avondale Drive, front elevations

- 6.1.36 These 2-storey residential properties are located towards the south-east corner of the site and will have views of Phase 1B of the proposals. Despite a number of properties having a view towards the site, these properties are c.40m away from the scheme such that effects will be limited.
- 6.1.37 Internal information was limited for these neighbouring properties on the planning portal although an estate agent's floorplan was available for 115 Avondale Drive and we have adopted this layout for the properties where window arrangements are the same. Where the front elevations differed at no.117 & 119, we have assumed the layouts from external inspection.
- 6.1.38 As these properties are within 90° of due north, these are not relevant for sunlight assessment under the BRE guidelines.

Daylight

- 6.1.39 The results of the analysis demonstrate that the windows serving habitable rooms in Nos. 113-117 Avondale Drive will experience only very minor reductions of up to 0.8% VSC when comparing the impacts of the two scenarios. This would suggest that the changes to the massing will have no further additional impact on these properties. This is further illustrated by the retained NSC levels which also confirm no material shift between the two scenarios with changes limited to less than 0.3 sq. m.
- 6.1.40 With regards to the remaining properties at 119-125 Avondale Drive; all will retain VSC levels above the BRE target or experience immaterial reductions of 1.0% VSC or less.
- 6.1.41 The very limited changes between the S73 and RMA scenarios are further confirmed

by the limited changes in NSC with the majority of rooms experiencing no change between the S73 illustrative scheme and the RMA proposals.

135-143 Avondale Drive (odd)



Image 14 - Street view of 135-143 Avondale Drive, front elevations

- 6.1.42 These 2-storey dwellings are offset to the south east of the site facing north towards Abbotswood Way. They currently enjoy an open outlook to the right of the existing tower at the site Wellings House.
- 6.1.43 No internal layouts were available for this property from the Hillingdon planning portal therefore we have assumed the internal configurations from external inspection.
- 6.1.44 The elevations of these properties with views of the site are orientated north such that they are not relevant for sunlight assessment under the BRE guidelines.

Daylight

- 6.1.45 The results of the impacts of the RMA scheme indicate that 15 of the 16 windows assessed will continue to exceed the BRE targets for VSC when compared to the S73 illustrative scheme. The single window which does experience a reduction is W1 in 137 Avondale Road which will see an imperceptible change in VSC of just 0.6%.
- 6.1.46 These limited shifts in daylight are further confirmed by the NSC results which confirm little to no change in sky visibility between the two scenarios.

Phase 1A



Image 15 - Site photo, Phase 1A

- 6.1.47 This 5-storey apartment building is part of the wider masterplan development and has been delivered as Phase 1A with the remaining phases forming the content of this report. As this part of the masterplan has been delivered we have considered the impacts to this building in accordance with the BRE guidelines as normal.
- 6.1.48 We have modelled this building using the planning drawings submitted as part of the Phase A application.
- 6.1.49 The elevations of these properties with views of the site are orientated north such that they are not relevant for sunlight assessment under the BRE guidelines.

Daylight

- 6.1.50 The results of the impacts of the RMA scheme indicate that the vast majority of the windows in this building will not be affected by the proposals due to their orientation facing predominantly south and west. Where reductions do occur they are generally limited to reductions in VSC of 2% or less from the S73 illustrative masterplan scheme.

6.1.51 In terms of NSC changes between the scenarios are also limited although the shift in height of Block B does lead to some marginal reductions affecting five bedrooms and one LKD across third to fourth floor level although VSC levels for each of these rooms remains above 20%.

6.2 Sunlight within the proposed gardens and amenity areas

- 6.2.1 The updates and refinements to the RMA massing have resulted in updates to the landscape plan. Accordingly, we have updated our analysis in accordance with the S73 massing and assessed the provision of sunlight to the proposed private amenity and shared communal areas using the BRE's two hours sun contour (sunlight amenity) assessment as before.
- 6.2.2 The location of the amenity areas and extents have been carefully refined to optimise sunlight to the primary external spaces and moving the articulation and circulation areas to more shaded parts of the public realm.



Image 16 - Sunlight amenity provision, March 21st

- 6.2.3 The results of this analysis are shown on our drawings within Appendix 5. Our sunlight amenity results show just two of the proposed amenity areas will receive less than 2 hours of sunlight on March 21st to 50% of the area. Whilst below the 50% target, the ground floor amenity provision A1 will still achieve 2 hours of sunlight to 32% of the floor area, whilst space A5 achieves the required level of sunlight to 45% which is not a significant deviation from the target.
- 6.2.4 All of the remaining proposed amenity areas will well exceed the BRE target. Our further analysis confirms that space A1 will meet the 50% target on 2nd May, so just

5 weeks after the 21st March. Space A5 will meet the target on the 25th March, so just 4 days after the target date, further confirming that despite a marginal shortfall, the amount of sunlight will still be very good.

- 6.2.5 While courtyards A1 and A5 fall below the target on the 21st March, our sunlight exposure diagrams are useful in illustrating that the vast majority of the spaces are actually only just below the recommended 2-hour threshold on the 21st March. The majority of the amenity areas will receive between 1.6-2 hours as indicated by the areas graded yellow to orange (below). As such, this amenity space is considered to fall only marginally short of the BRE target levels.

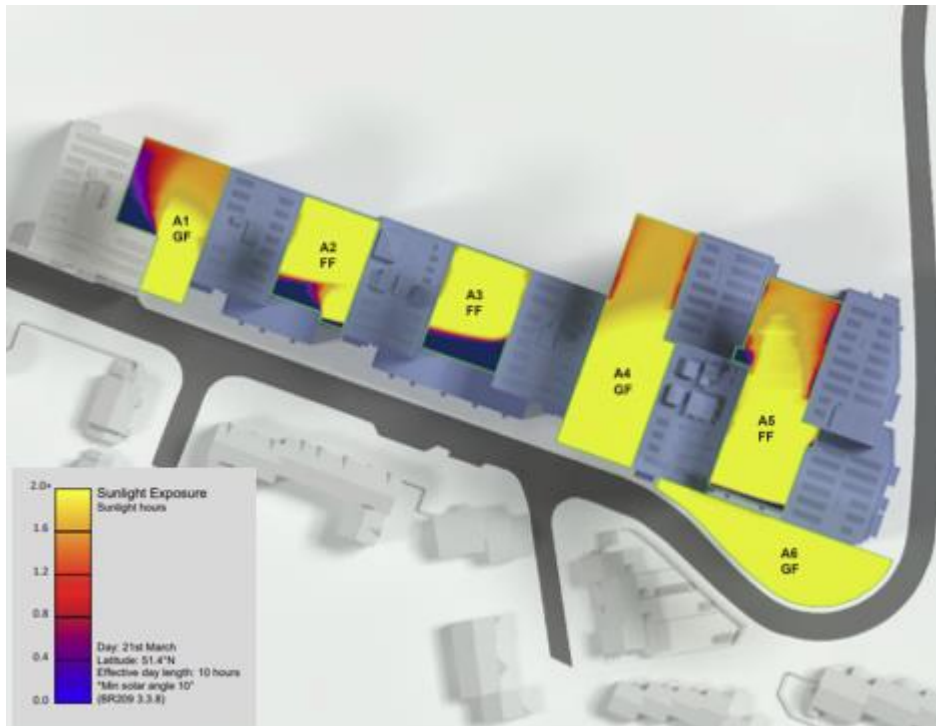
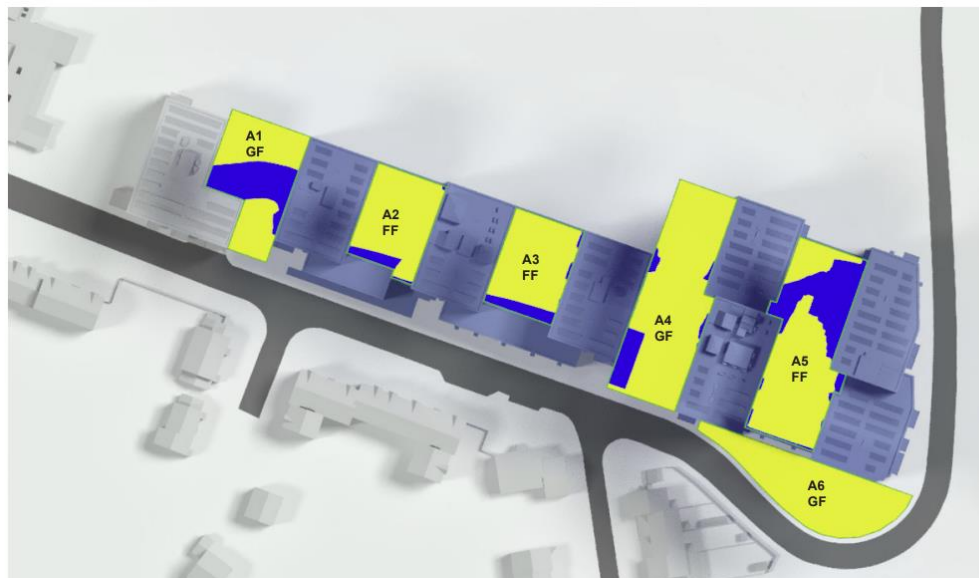


Image 17 - Image showing the sunlight exposure to the proposed amenity on the 21st March (0-2+hours)

- 6.2.6 Despite the single deviation, the residents will have access to the wider ground level amenity during the earlier parts of the year including the Hitherbroom Park all of which will enjoy high levels of sunlight throughout the year.
- 6.2.7 In addition to our assessments on the 21st March, we have also considered the sunlight to the proposed amenity areas on the 21st June when the spaces are likely to be used more often and where the expectation of sunlight will be higher. Our assessments on this date show that all the spaces will well exceed the targets during the warmer summer months.



Area	Floor level	Total Area (sq.m)	Area more than 2 hours (sq.m)	Area % more than 2 hours
1	Ground	551.81	357.04	65
2	First	438.38	399.50	91
3	First	443.29	386.18	87
4	Ground	917.24	824.64	90
5	First	876.52	589.95	67
6	Ground	605.32	605.32	100
Total		3832.55	3162.63	83



Image 18 - BRE 2 hour sun contour assessment on the 21st June

6.3 Daylight and sunlight within the proposed new dwellings

- 6.3.1 We have undertaken an assessment of the internal amenity to the proposed units in line with the assessments set out in the 2022 BRE guideline document. The results of these assessments are attached within the appendix.

Daylight

Room	No. of rooms assessed	Rooms meeting target
Living Room	49	47
Kitchen	39	14
Bedroom	501	445
LKD	227	176
Total	816	682 (84%)

Table 2 - Summary daylight results for proposed accommodation

Block B

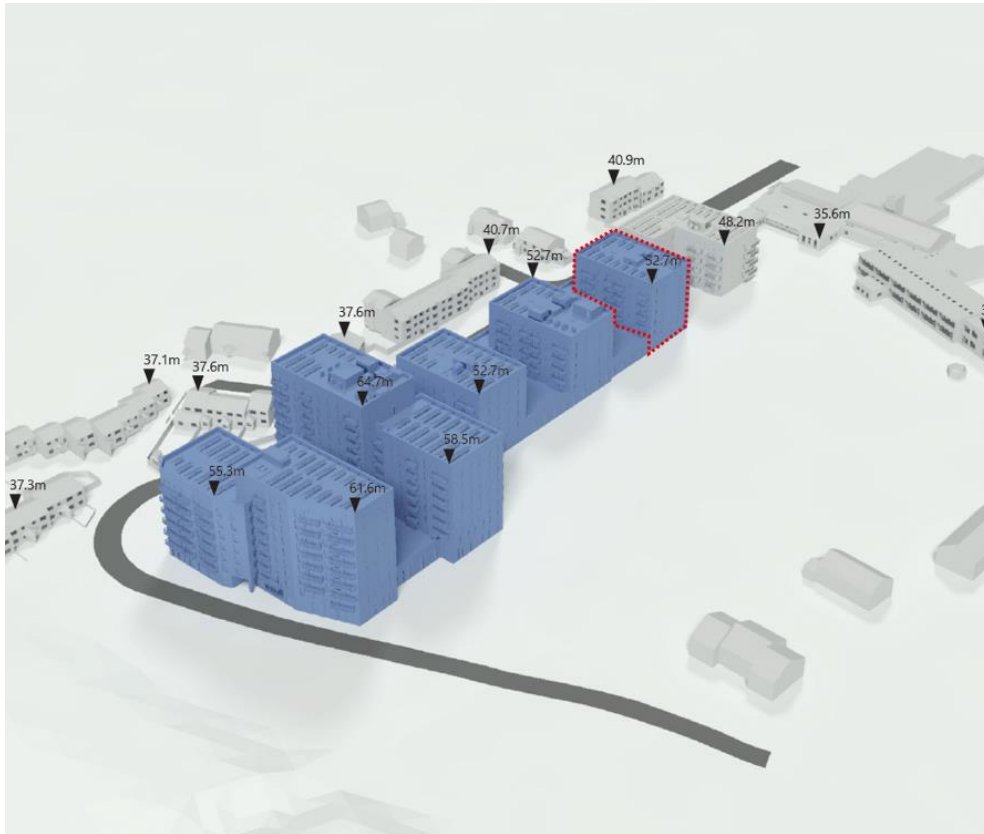


Image 19 - Block B

Room	No. of rooms assessed	Rooms meeting target
Living Room	1	1
Kitchen	1	1
Bedroom	47	46
LKD	29	28
Total	78	76 (97%)

- 6.3.2 76 out of the 78 rooms in Block B will meet or exceed the BRE target which represents a very good level of compliance for modern urban flatted development.
- 6.3.3 The bedroom and LKD's which fall below the target(s) are located between first and second floor level on the eastern façade of Block B and look towards Block C. The living space is generously proportioned with a kitchen to the rear which will benefit from additional task lighting. It is overhung by a balcony serving the apartment above and whilst this does provide valuable private amenity spaces to residents, the BRE recognises there will invariably be a trade-off with good daylight levels particularly to the lower floors.
- 6.3.4 As an informative assessment we have considered the daylight to these main living

spaces with the kitchens notionally removed in order to demonstrate the amount of daylight the key living space would achieve without the kitchen element that would also benefit from additional task lighting. The notional removal of the kitchen elements within the proposed LKDs demonstrates that the underlying daylight performance of the principal living areas is materially stronger than the aggregate figures suggest. When the kitchens are excluded, the assessment isolates the part of the room closest to the window and shows that this zone receives a high proportion of unobstructed daylight, with light penetrating more deeply into the space than the combined layout implies. The results of this secondary analysis show that whilst overall compliance would remain the same, daylight to the main living area would improve when the assessment area is limited to just this space.

- 6.3.5 In terms of sunlight, 21 of 30 units will meet the 1.5-hour sunlight target. Given the orientation of the site being predominantly east-west facing this is considered to be a very high level of compliance.

Block B Duplexes



Image 20 - Block B duplexes

Room	No. of rooms assessed	Rooms meeting target
Living Room	3	3
Bedroom	9	9
LKD	3	3
Total	15	15 (100%)

- 6.3.6 These three duplexes each have their own individual LKDs and living rooms. The result of the analysis confirms that all of the rooms within these units, will meet or exceed the target.
- 6.3.7 In terms of sunlight, all of these units will meet the 1.5 hour sunlight target.

Block C

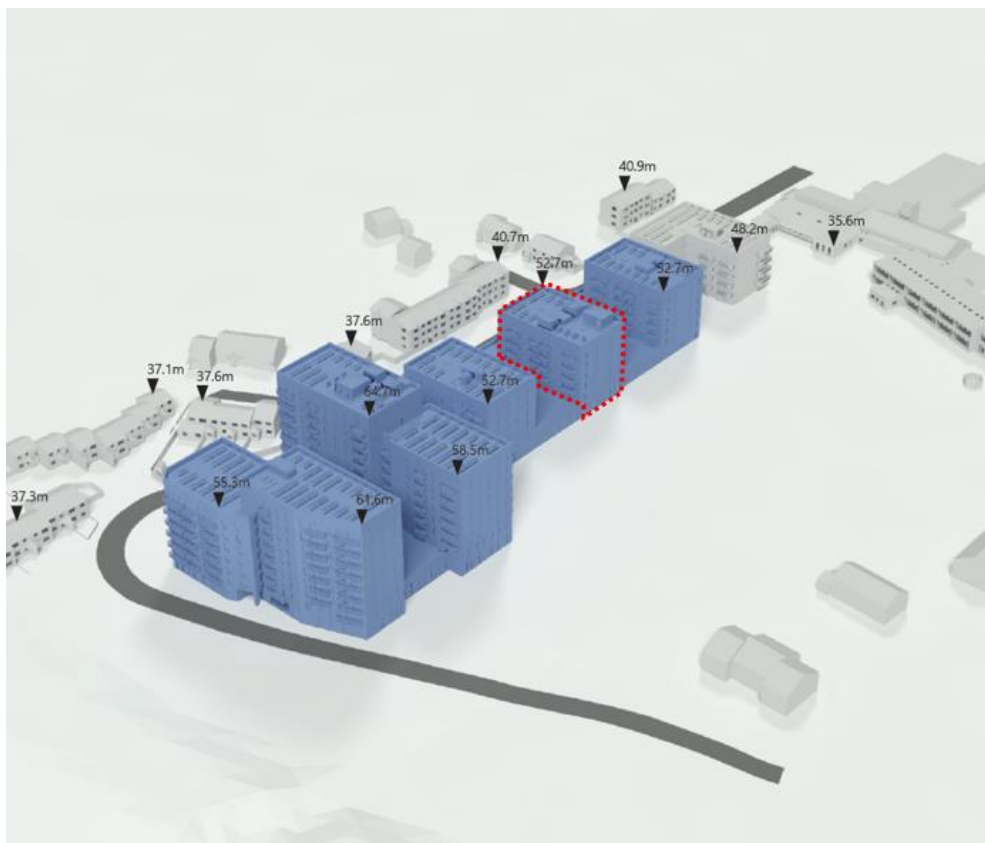


Image 21 - Block C

Room	No. of rooms assessed	Rooms meeting target
Bedroom	44	41
LKD	29	25
Total	73	66 (90%)

- 6.3.8 66 out of the 73 rooms in Block C will meet or exceed the BRE target which is a high level of compliance considering the relative constraints presented by the central location of this block.
- 6.3.9 3 bedrooms and 4 LKDs will fall below their respective targets. The majority of these rooms are located on the eastern façade at first to third floor level. 3 of the bedrooms located at first floor which fall below the 100lux target will each achieve median lux values of at least 60 which is not significantly below the target and when considered in the wider context of less sensitive room use.

- 6.3.10 Of the four LKDs which do not achieve 150lux, two are at first floor level and two at second. The first-floor level LKDs achieve lux values of 128 (R9) and 46 (R13) respectively. R13 is located in the corner of the block adjacent to the duplex units which inhibits daylight to a certain degree. The rear of the room apportioned to the kitchen will benefit from additional task lighting whilst occupants will also enjoy direct access to the amenity space from the apartment which somewhat offsets the daylight constraints.
- 6.3.11 The first and second floor LKDs, R10 & R11 at second floor level, are both overhung by balconies which will limit the amount of light from above that can reach the back of the rooms; although, again, these have been generously proportioned with kitchen areas at the rear which will benefit from additional task lighting. Notwithstanding, these LKDs all achieve a lux value of at least 135 which is not considered to be a significant deviation from the target when coupled with the wider benefit and private amenity that balconies offer.
- 6.3.12 Under the secondary 'kitchens off' assessment 28 of the 29 LKDS would meet the target again confirming the very good levels of daylight within the living area itself.
- 6.3.13 In terms of sunlight, 19 of the 29 units will meet the 1.5-hour sunlight target. Given the orientation of the site being predominantly east-west facing this is considered to be a good of compliance. Site geography and room distribution means that not every unit can be south facing and there are myriad factors to consider when planning layouts, whilst not all of the units will have a south facing window the individual lux values confirm that daylight with Black C will be very good despite some units falling below the sunlight target.

Block C Duplexes

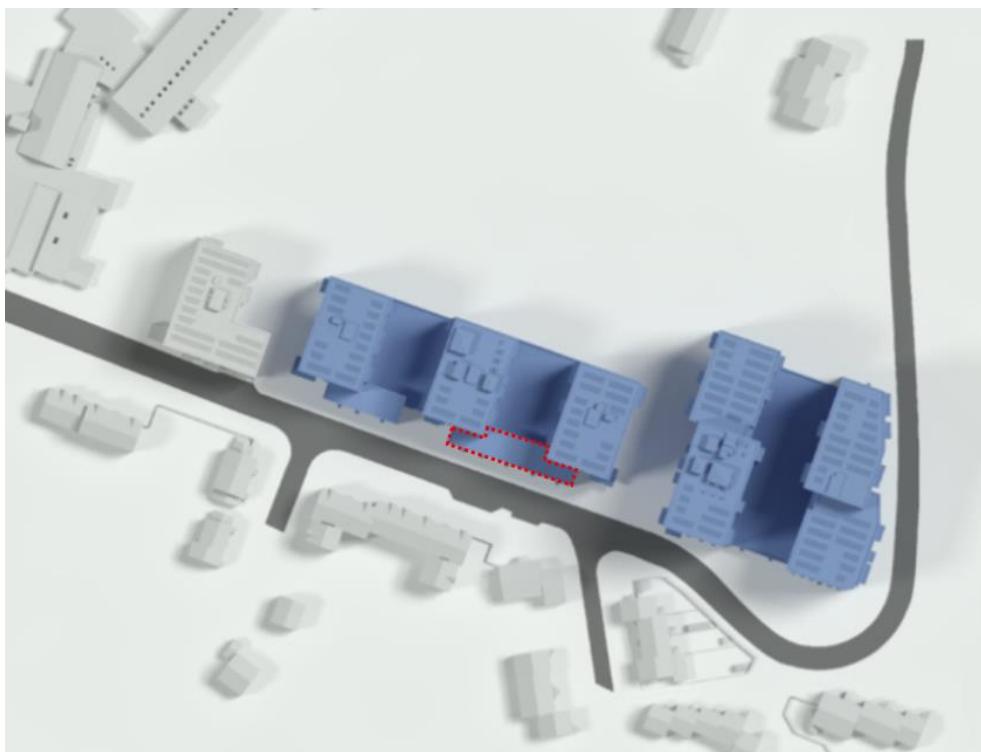


Image 22 - Block C1 duplexes

Room	No. of rooms assessed	Rooms meeting target
Living Room	4	4
Bedroom	14	14
LKD	5	5
Total	23	23 (100%)

6.3.14 These five duplexes comprise of four 3 bedrooms and one two bedrooms units. Each have their own individual LKDs and living rooms. The results of the analysis confirms that all of the rooms within these units, will meet or exceed the target.

6.3.15 In terms of sunlight, all of these units will meet the 1.5 hour sunlight target.

Block D

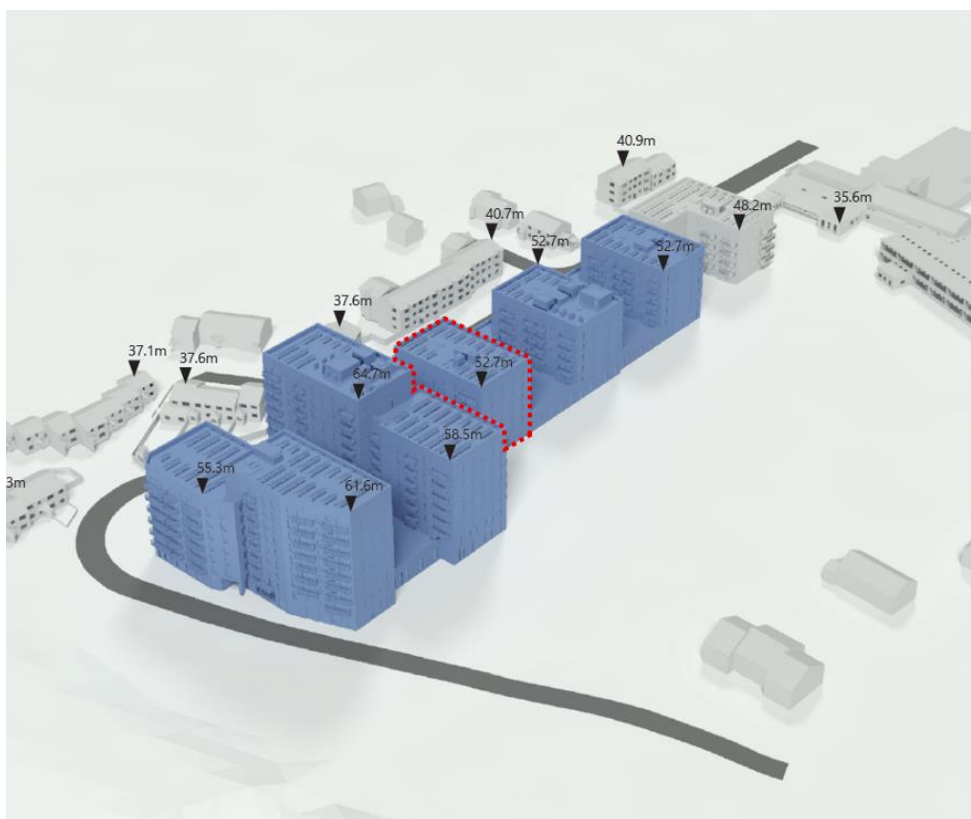


Image 23 - Block D

Room	No. of rooms assessed	Rooms meeting target
Bedroom	60	50
LKD	16	11
Living Room	10	10
Kitchen	10	3
Total	96	74 (68%)

6.3.16 Block D is located in a central position within the site, flanked by the taller Block E to east and Block C to the west. 74 of the 96 rooms within this block will meet or exceed the BRE targets.

6.3.17 There are 10 units within Block D that include separate kitchen and living room spaces, moving away from the more contemporary open-plan LKD arrangement. In all 10 of these units' daylight to the living space has been prioritised with all 10 living rooms meeting the 150lux target. The kitchens in these units have been designed as small galley style kitchens exclusively for food preparation. They are each also set beneath balconies which will naturally inhibit daylight from the sky above. Where smaller kitchens are proposed which could be poorly lit, because of window sizing or other constraints, the BRE guide suggests that these should be permissible

providing they are linked to well-lit living spaces which is the case here.

- 6.3.18 Under the alternative assessment notionally removing the kitchen, 13 of the 16 LKDs would meet the target leaving just three that fall below the recommended lux level.
- 6.3.19 The bedrooms on the northern and southern facades enjoy a broadly unobstructed outlook such that the lux values in these units are very high. Where the blocks face towards each other daylight levels can be more constrained although this is a symptom of modern flatted developments and balconies can sometimes exacerbate this. There are five LKDs which fall below the BRE target and these are located on the lower floors of the western side of Block D. By limiting the number of LKDs on the eastern façade, facing the taller Block E, the design team have worked with the site constraints to optimise daylight to the main living spaces. The presence of the balconies do play a part as discussed however the BRE acknowledges this trade-off highlighting the importance of private amenity spaces.
- 6.3.20 In the case of the 10 bedrooms falling below the target, 16 of these achieve a lux value of at least 60 which is not significantly below the recommended target. By prioritising daylight to main living spaces there will invariably be some rooms in more constrained locations and the BRE recommends that daylight to main living areas should be an important factor in determining unit layouts.
- 6.3.21 In terms of sunlight, 16 of the 24 units will meet the 1.5-hour sunlight target. Given the orientation of the site being predominantly east-west facing this is considered to be a good level of compliance. Site geography and room distribution means that not every unit can be south facing and there are myriad factors to consider when planning layouts, Whilst not all of the units will have a south facing window the individual lux values confirm that daylight with Block D will be very good despite its central position within the site.

Block E/E1

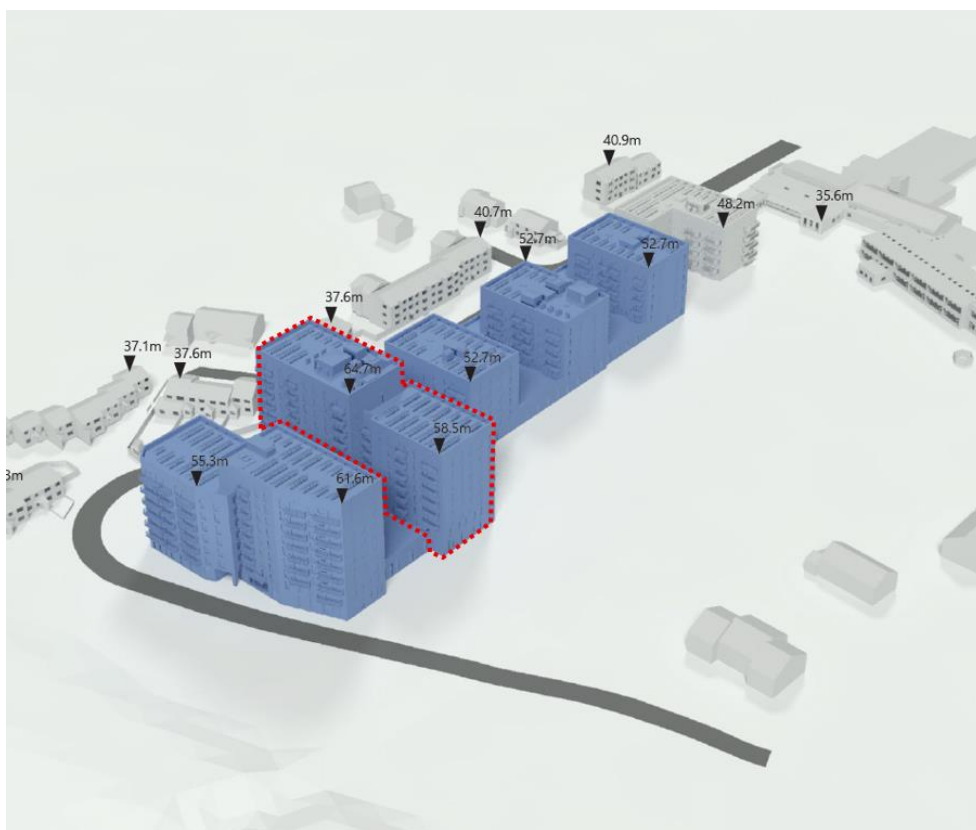


Image 24 - Block E/E1

Room	No. of rooms assessed	Rooms meeting target
Bedroom	145	128
LKD	97	69
Total	242	197 (81%)

- 6.3.22 Block E is located towards the northern end of the site and comprises of the tallest part of the scheme. The height here has been considered to respond to the neighbouring sensitivities and ensure amenity levels remain high.
- 6.3.23 Of the 242 rooms in this block, 197 will meet or exceed the target. There are 17 bedrooms which will fall below the 100lux targets however the outlook here is somewhat more constrained than in the rest of the site particularly with the inwards facing courtyard units and the majority of the bedrooms where shortfalls are being recorded are located on the eastern façade facing towards Block F. Notwithstanding this, the less sensitive bedroom use suggests that despite some rooms falling below the target the daylight within the majority of these rooms will be very good.
- 6.3.24 There are 28 LKDs which fall below the targets, again the inherent lateral site constraints mean that invariably units will need to face towards one another again with the more constrained units facing towards Block F and the courtyard.

- 6.3.25 Additionally, the balconies, which the BRE acknowledge play an important role in providing private amenity space to residents will also impact daylight to the rooms beneath however the trade-off here is not unique. The generous rooms proportions and amenity provision for the courtyard facing units means that there will be some deviations in terms of daylight however the vast majority of the main living spaces will exceed the 150lux target.
- 6.3.26 Where we have carried out the secondary 'kitchens off' analysis for Block E the results indicate that 84 of the 97 LKDs would meet the target which suggests that even with the presence of the balconies the primary living spaces in these rooms will achieve good levels of daylight.
- 6.3.27 For sunlight, 72 of the 95 units will meet the target for sunlight. As discussed, not all units can be south facing and invariably with a site such as this there will be some units that need to be located on the northern side of the building. The BRE guide does however acknowledge that where units do need to face north, this can be offset by pleasant views or outlooks. The units placed on the northern side of Block E face towards Hitherbroom park which provides residents from a more suburban view away from the road towards open green spaces.

Block E Duplexes

Room	No. of rooms assessed	Rooms meeting target
Living Room	3	3
Bedroom	12	12
LKD	3	3
Total	18	18 (89%)

- 6.3.28 These three, four bed, duplexes each have their own individual LKDs and living rooms. The results of the analysis confirms that all of the rooms within these units, will meet or exceed the target.
- 6.3.29 In terms of sunlight, two of the three duplexes are located on the northern side of the building so are unable to meet the sunlight target. As suggested above, in accordance with the BRE guide, this is offset by the pleasant views offered across the local green space.

Block F/F1

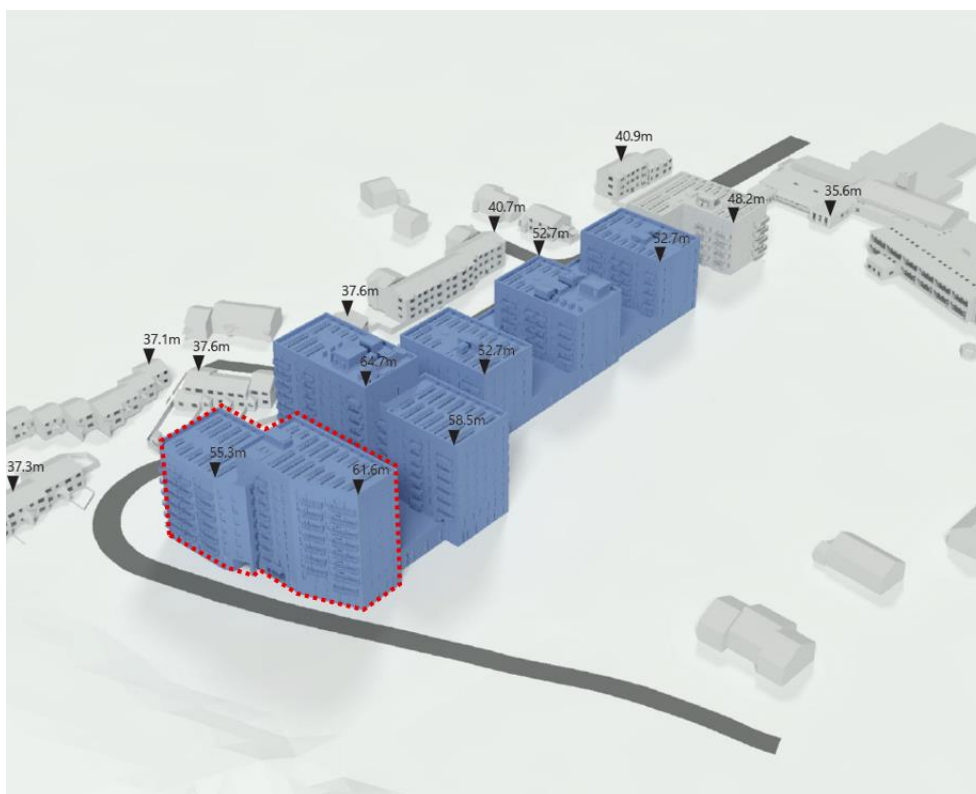


Image 25 - Block F/F1

Room	No. of rooms assessed	Rooms meeting target
Bedroom	163	139
Living Room	27	25
LKD	44	31
Kitchen	27	9
Total	261	204 (78%)

6.3.30 Of the 261 rooms in Block F, 204 will meet the BRE lux targets. The 18 kitchens that fall below the 200lux target are smaller galley style kitchens that would serve as food preparation spaces rather than amenity and would be too small to have a realistic requirement for good levels of daylight. Where deviations to kitchen spaces do occur they are linked to separate living spaces which generally perform well. The BRE guide does acknowledge that where limitations on kitchen daylight are found, they should be linked to well lit living areas which is illustrated by the compliance rate of 25/27 within Block F for the living rooms.

6.3.31 As with Block E, several of the LKDs and bedrooms do face towards the neighbouring block towards the courtyard. Invariably in such scenarios the daylight to these units will be more constrained and some deviations from the 150lux target are to be

expected.

- 6.3.32 The secondary assessment considering the living spaces without the kitchens indicates that a further two spaces will meet the targets however the presence of the slightly taller Block E does mean that the cumulative impacts of the balconies will result in some transgressions within Block F. As the BRE does note, the presence of balconies does play an important role in providing residents with private amenity space however they also limit the amount of daylight available from the sky. However, given the site constraints the compliance rate for the LKDs of 70% is still considered to be appropriate.
- 6.3.33 In terms of sunlight, 64 of the 71 units in Block F/F1 will meet or exceed the sunlight target which is an excellent level of compliance. Coupled with the pleasant views across the green open spaces the layout of this block has been carefully considered alongside other site constraints to provide residents with excellent levels of amenity.

Block F Duplexes

Room	No. of rooms assessed	Rooms meeting target
Living Room	2	2
Bedroom	8	7
LKD	1	1
Kitchen	1	1
Total	12	11 (83%)

- 6.3.34 The results of the analysis confirms that all of the rooms within these units, will meet or exceed the target save for a single bedroom.
- 6.3.35 The bedroom in FDP1 achieves a lux value of 50 thus not being a significant deviation from the relative lux target and will have no material negative affect on the use of this space. Notwithstanding, the bedroom is generally considered to be less sensitive given the predominant room use. The room is also overhung by a balcony serving the floor above which will naturally inhibit some daylight.
- 6.3.36 In terms of sunlight, one of the two duplexes is located on the northern side of the building so is unable to meet the sunlight target. As suggested above, in accordance with the BRE guide, this is offset by the pleasant views offered across the local green space and otherwise very good levels of compliance with daylight VSC criteria.

7 Conclusions

- 7.1.1 This practice has undertaken detailed assessments of the provision of daylight and sunlight within neighbouring residential properties and schools, the overshadowing within the external amenity spaces, and the provision of daylight of the façade within the proposed scheme, in support of the Reserved Matters application for Phase 1b and 2 of the Avondale Drive Estate regeneration.

7.2 Impacts to neighbours

- 7.2.1 The daylight and sunlight analysis for the proposed redevelopment at Avondale Drive has been undertaken in accordance with the methodologies set out in the Building Research Establishment (BRE) Guidelines. The assessment compares the proposed massing of the S73 illustrative masterplan alongside the RMA scheme in accordance with Appendix F of the BRE guidelines. The results show that changes in Vertical Sky Component (VSC) are generally limited, with most windows and rooms experiencing negligible differences or modest improvements in daylight availability.
- 7.2.2 The retained VSC, No-Sky Line (NSL), and Annual Probable Sunlight Hours (APSH) results indicate a strong overall performance, demonstrating that the RMA proposals maintain broadly similar daylight and sunlight conditions to those of the submitted S73 scheme, and in some cases provide marginal enhancements.
- 7.2.3 Where minor reductions are identified, these are well within the levels typically considered acceptable for an urban context and represent a reasonable and proportionate outcome that supports a balanced and efficient redevelopment of the site. The results therefore confirm that the proposed design accords with the relevant BRE guidance and should be regarded as acceptable in daylight and sunlight terms.

7.3 Overshadowing / sunlight within the proposed and neighbouring amenity areas

- 7.3.1 The assessment of sunlight (overshadowing) within the proposed areas of shared amenity space have shown that all the key communal amenity spaces we have considered will receive more than two hours of sunlight on 21st March and thereby exceed the BRE targets.
- 7.3.2 Whilst space A1 falls below the 2 hour target these areas have been specifically designed to provide a more varied amenity experience affording residents the opportunity to use both shaded and well sunlight amenity spaces.
- 7.3.3 The scheme therefore demonstrates very good compliance with the BRE guidelines in respect of sunlight / overshadowing to the external spaces and will enjoy good levels of sunlight throughout the year. Sunlight levels will only increase to the areas during the summer months when the spaces are likely to be used the most and the BRE recognises that sunlight is most important to sitting out / play areas.

- 7.3.4 While the proposed development will introduce some additional overshadowing to Hitherbroom Park, the impact is considered acceptable. The park is already partially overshadowed by existing tall buildings, and the incremental change will not materially alter users' experience of sunlight across the space. Importantly, the park will continue to meet the BRE guideline of receiving at least two hours of sun on the ground on 21 March, demonstrating that the overall quality and usability of this public open space will be maintained.

7.4 Internal daylight and sunlight within the proposed scheme

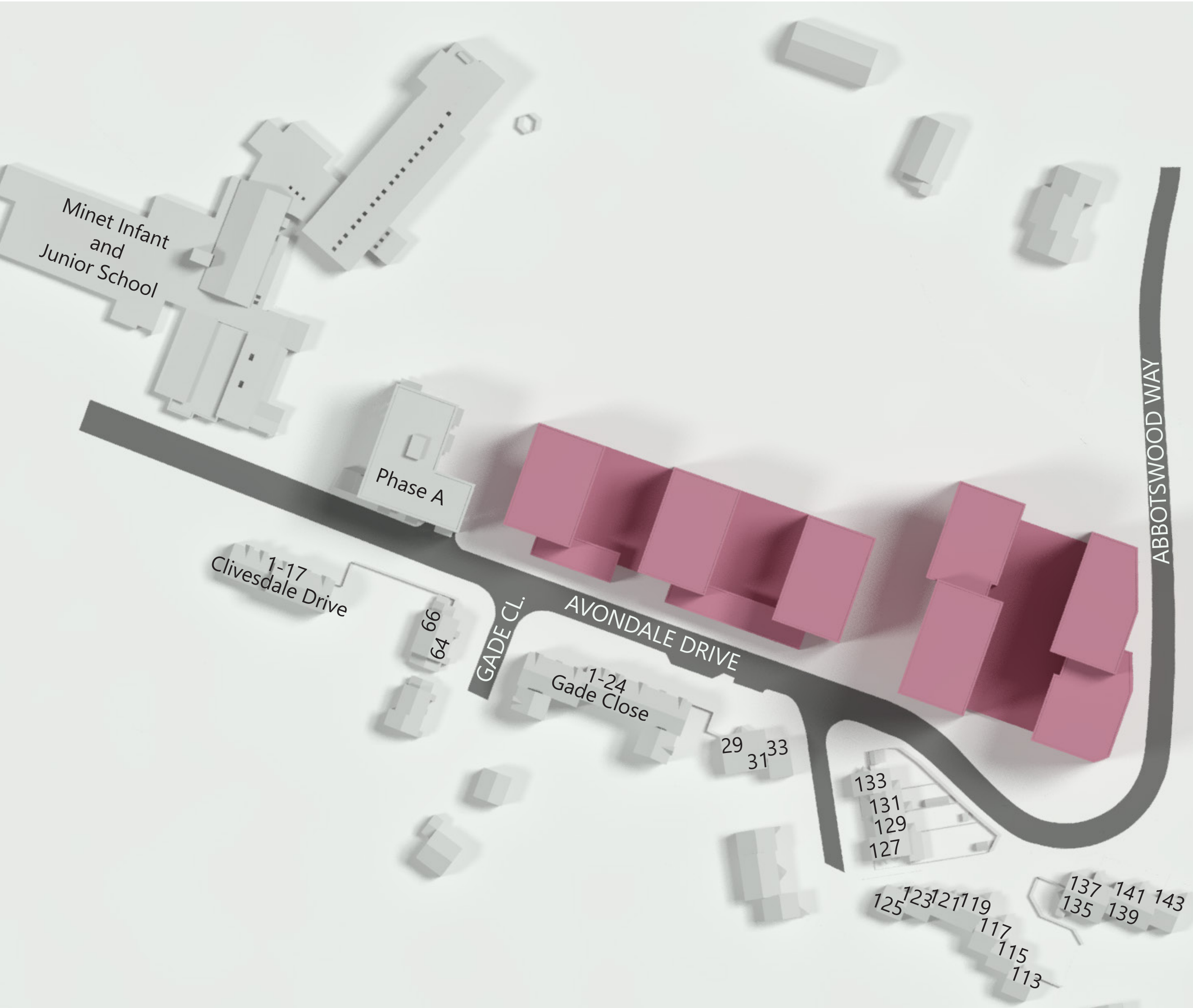
- 7.4.1 The proposed accommodation achieves a daylight compliance level of 84%, which represents a very strong level of compliance given the spatial and contextual constraints of the site. The proposed built form and separation distances inevitably place some pressure on daylight access, particularly to lower-level units. Despite these constraints, the majority of rooms comfortably meet the recommended targets, demonstrating that the massing and internal layout have been carefully arranged to maximise available daylight wherever feasible.
- 7.4.2 The scheme has been designed with a clear emphasis on creating well-lit, usable living spaces. Window positions, room depths and internal orientations have been refined to optimise daylight penetration into the primary living areas, ensuring that the accommodation feels bright and functional throughout the day. Where minor shortfalls occur, they are limited, proportionate and directly attributable to unavoidable urban constraints rather than design inefficiency.
- 7.4.3 This level of compliance alongside delivering the required housing density reflects an effective balance between optimising the site and maintaining good residential quality. In a constrained urban location, full compliance is rarely achievable without compromising essential spatial efficiency or the wider policy objectives for housing delivery. The proposals demonstrate that it is possible to accommodate the desired number of homes and still deliver a well-designed scheme. The resulting accommodation will offer appropriate daylight levels in line with planning expectations and contribute positively to the local housing mix.
- 7.4.4 As set out in the BRE guidelines, daylight and sunlight availability are just one of the many important factors in site layout design such that flexibility is appropriate in the application of the guidance. This is echoed in the NPPF 2024 and the London Housing Supplementary Planning Guidance 2016 which makes it clear that the efficient use of sites, particularly for housing, should not be hampered by such technical constraints. It also suggests the use of alternative daylight targets to ensure that proposed amenity levels are consistent with neighbouring developments within the area.
- 7.4.5 Overall, the proposals are considered to respond well to the constraints of the site and is considered to demonstrate appropriate levels of daylight / sunlight amenity for its context whilst delivering a high-quality living accommodation for the future residents.

- 7.4.6 The proposals are therefore considered to continue to be in line with the aspirations of the BRE guidelines and relevant planning policy in respect of daylight and sunlight amenity.



Appendix 1

Drawings of the existing, proposed and surrounding buildings



Sources of information

Survey Solutions
31652BWLS-01.dwg
3103-DGM-ZZ-3D-X-M3-X-0001-001.rvt
Received 02/08/2021

3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
Received 21/10/2021

PRP
250904 AVD Illustrative Massing.skp
Received 12/09/2025

3D model 251202.dwg
Received 02/12/2025

EB7 Ltd
Site Photographs
Ordnance Survey



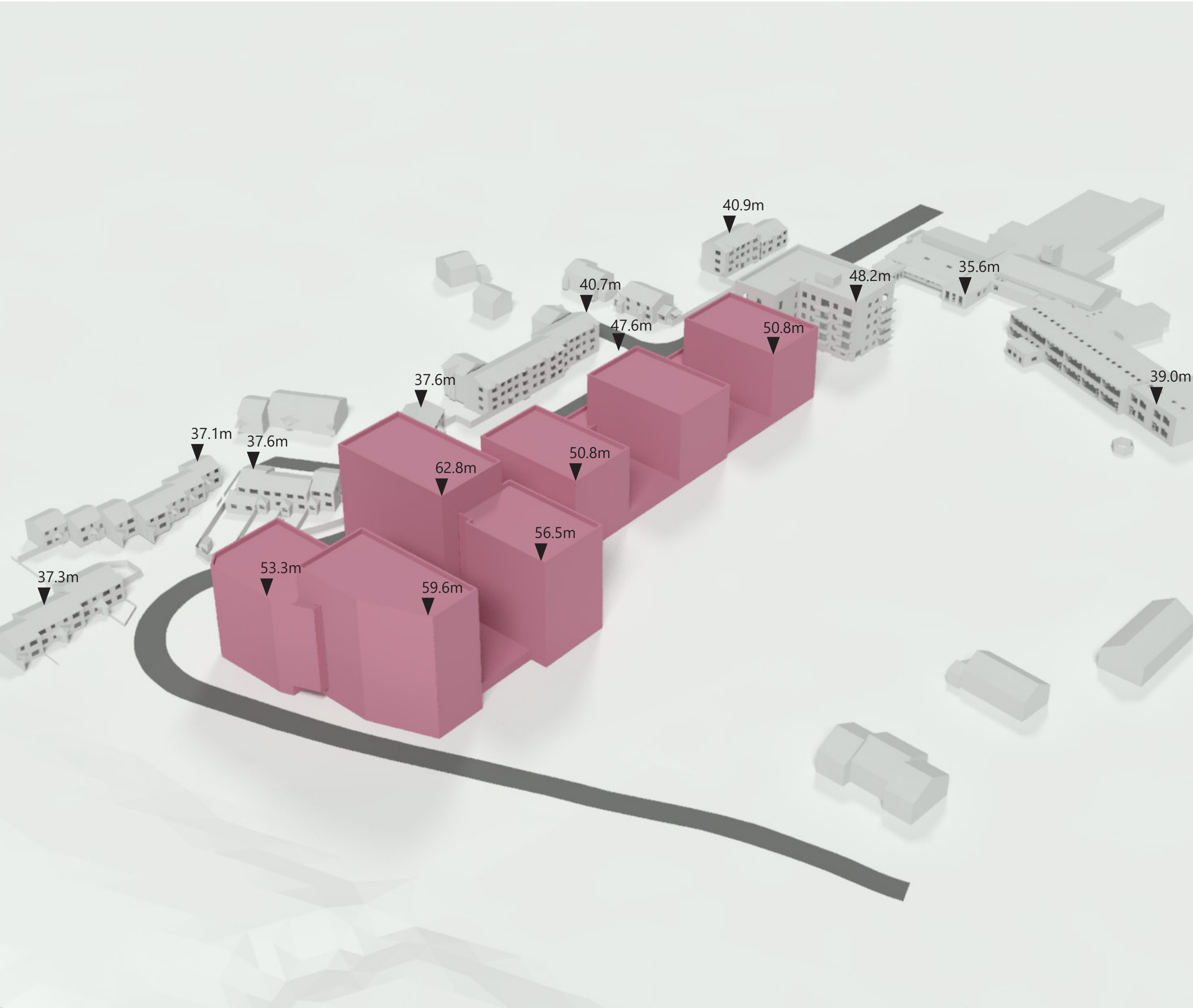
Key:
 2025 S73 Illustartive Scheme

Project	Avondale Drive Hayes UB3 3PW		
Title	2025 S73 Illustartive Scheme Plan View		

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21	DS03	01



Sources of information

Survey Solutions
31652BWLS-01.dwg
3103-DGM-ZZ-3D-X-M3-X-0001-001.rvt
Received 02/08/2021

3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
Received 21/10/2021

PRP
250904 AVD Illustrative Massing.skp
Received 12/09/2025

3D model 251202.dwg
Received 02/12/2025

EB7 Ltd
Site Photographs
Ordnance Survey

Key:

2025 S73 Illustrative Scheme

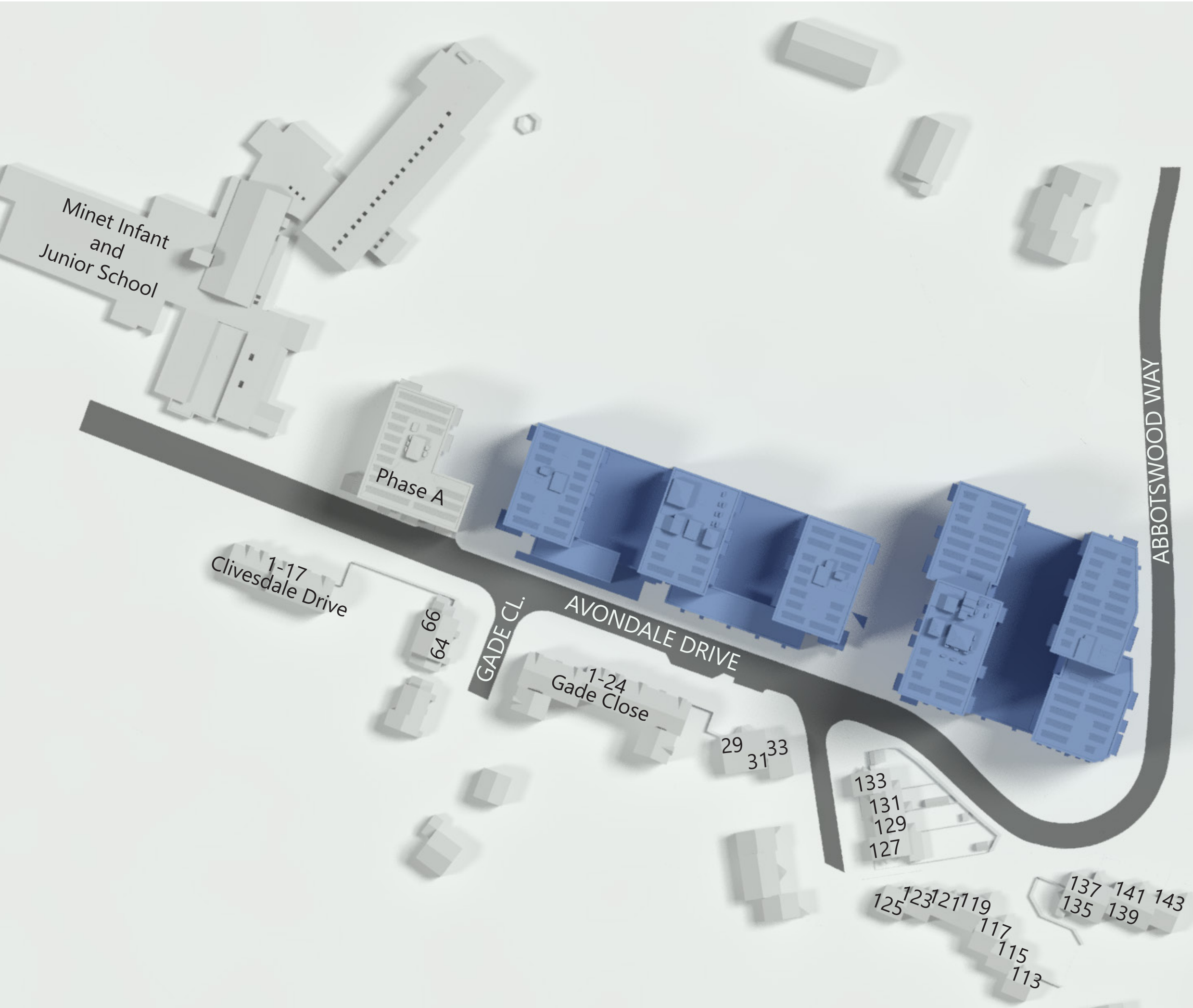
Project Avondale Drive
Hayes
UB3 3PW

Title 2025 S73 Illustrative Scheme
3D View

Drawn	JG	Checked	--
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Date	11/12/2025	Project	4900
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Rel no.	Prefix	Page no.
21	DS03	02



Sources of information

Survey Solutions
31652BWLS-01.dwg
3103-DGM-ZZ-3D-X-M3-X-0001-001.rvt
Received 02/08/2021

3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
Received 21/10/2021

PRP
250904 AVD Illustrative Massing.skp
Received 12/09/2025

3D model 251202.dwg
Received 02/12/2025

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Key:

Proposed

NORTH



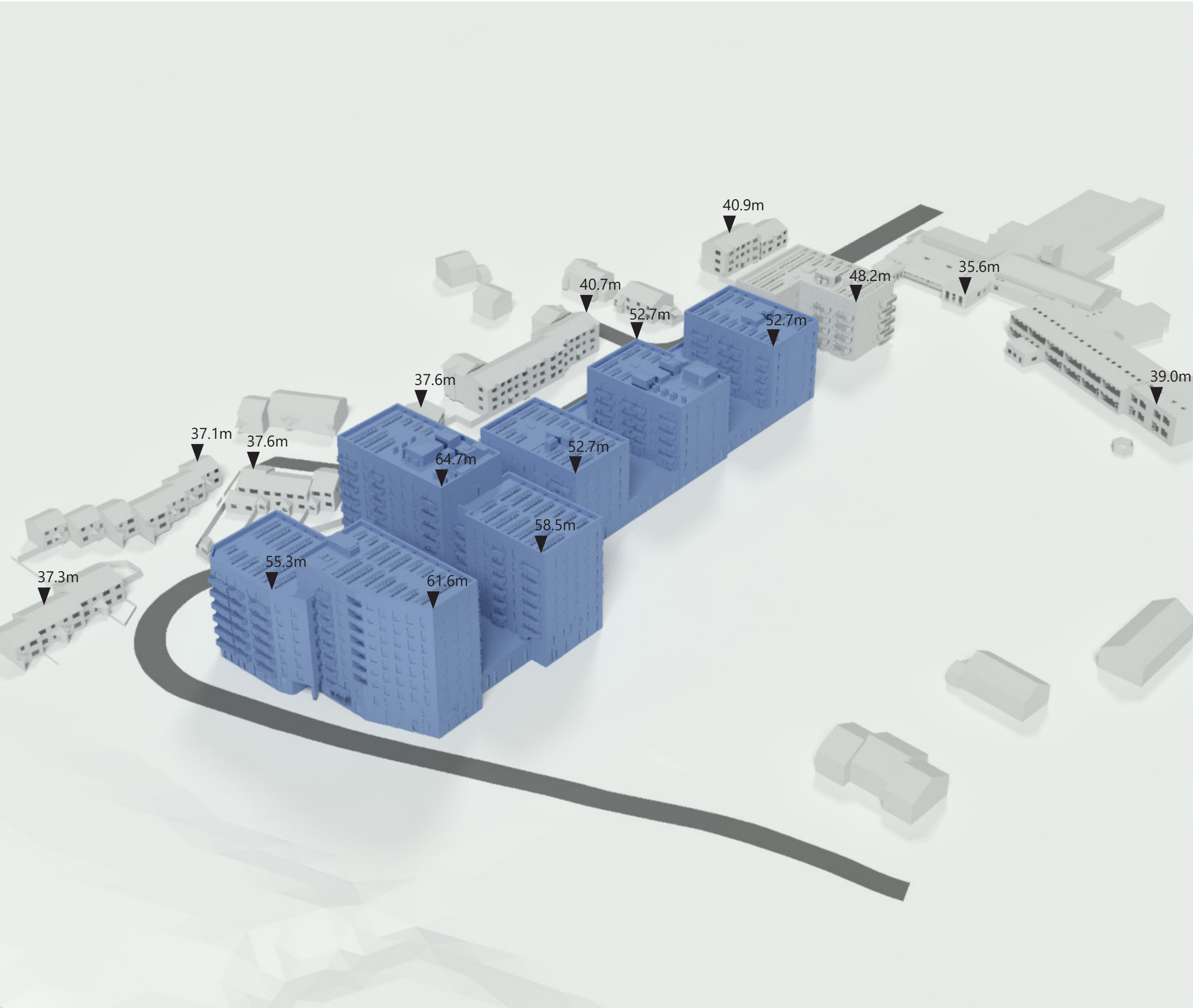
Project Avondale Drive
Hayes
UB3 3PW

Title Proposed Development
Plan View

Drawn	JG	Checked	--
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Date	11/12/2025	Project	4900
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Rel no.	Prefix	Page no.
21	DS03	03



Sources of information

Survey Solutions
31652BWLS-01.dwg
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3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
Received 21/10/2021

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Received 12/09/2025

3D model 251202.dwg
Received 02/12/2025

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Key:
 Proposed

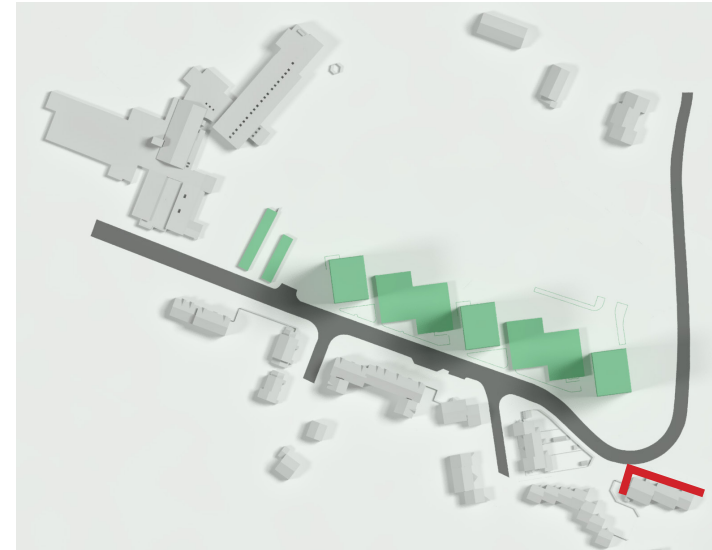
Project Avondale Drive
Hayes
UB3 3PW

Title Proposed Development
3D View

Drawn JG Checked --

Date 11/12/2025 Project 4900

Rel no. 21 Prefix DS03 Page no. 04



Sources of information

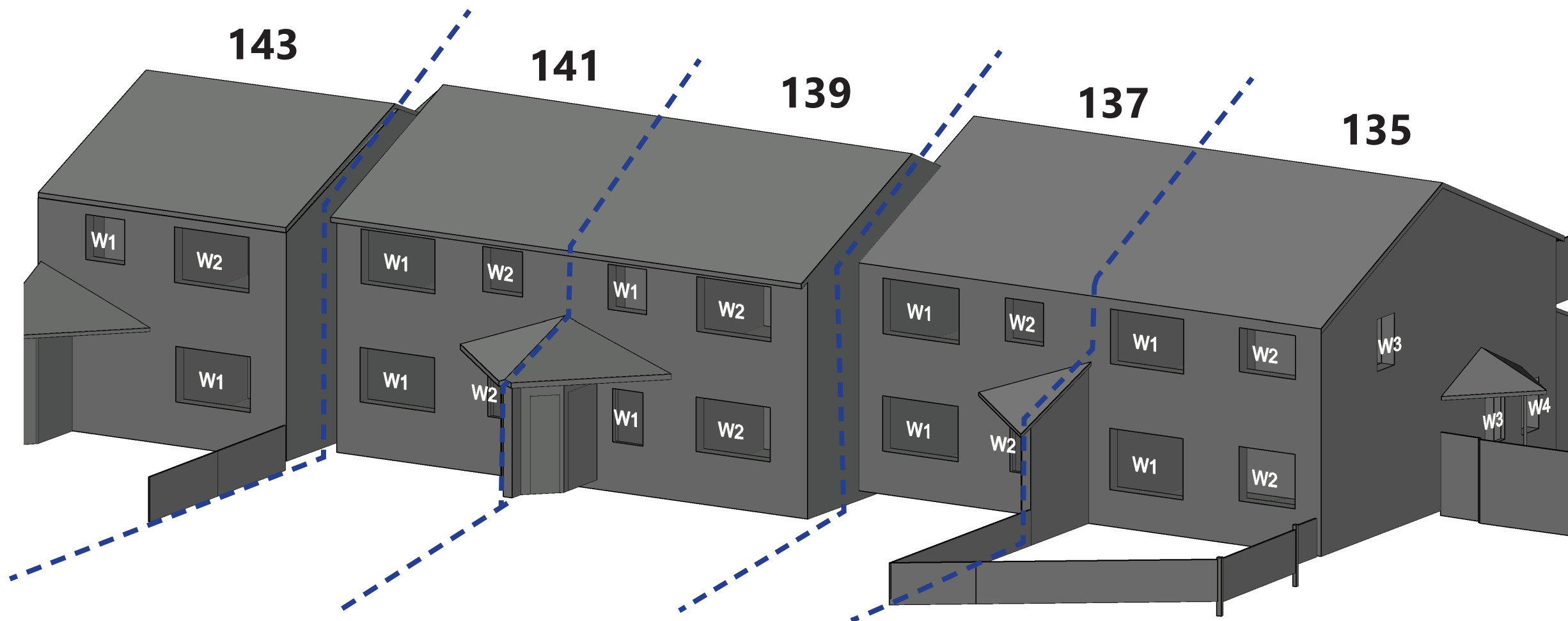
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3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
Received 21/10/2021

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Project Avondale Drive
Hayes
UB3 3PW

Title 135 to 143 Avondale Drive
Window Map

Drawn TR Checked --

Date 29/08/2025 Project 4900

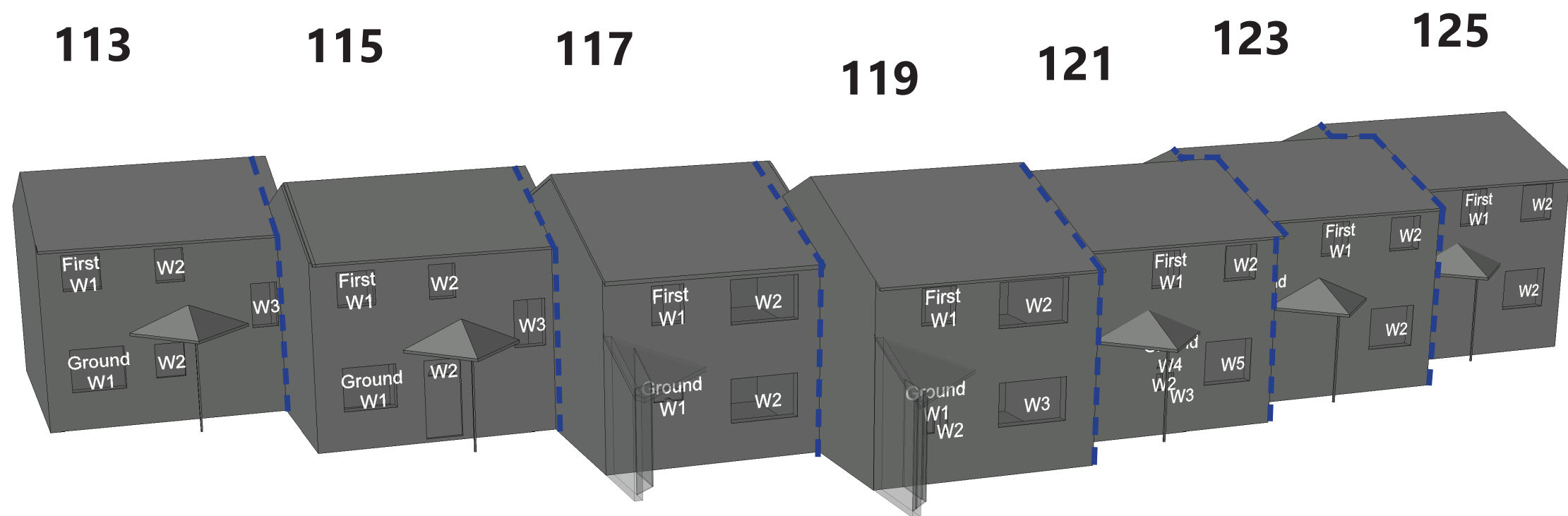
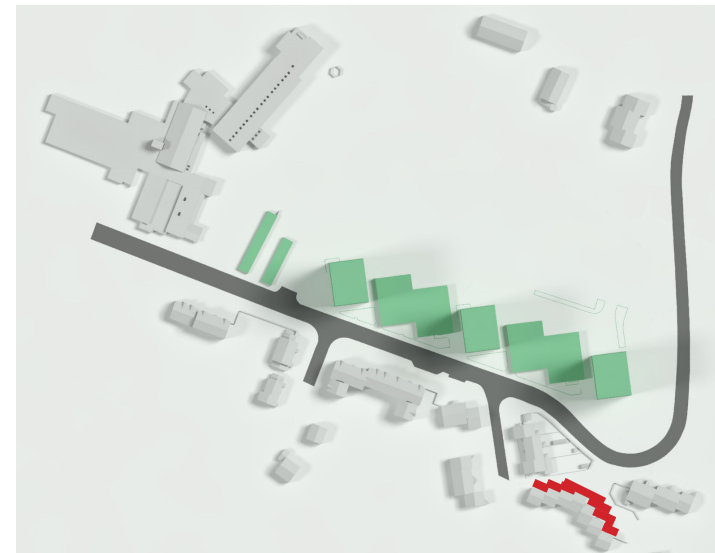
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Received 02/08/2021

3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
Received 21/10/2021

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Project Avondale Drive
Hayes
UB3 3PW

Title 135 to 143 Avondale Drive
Window Map

Drawn TR Checked --

Date 29/08/2025 Project 4900

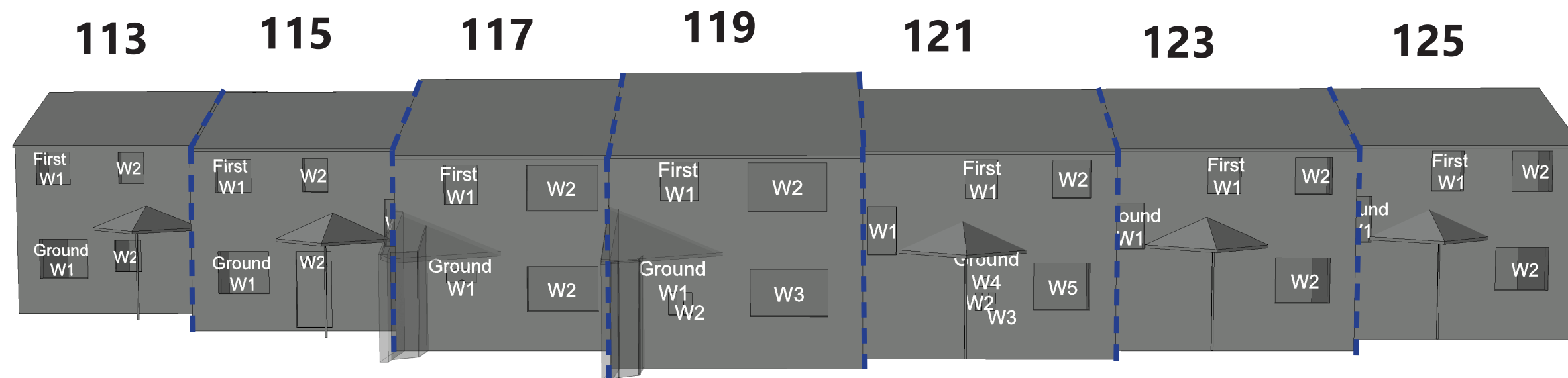
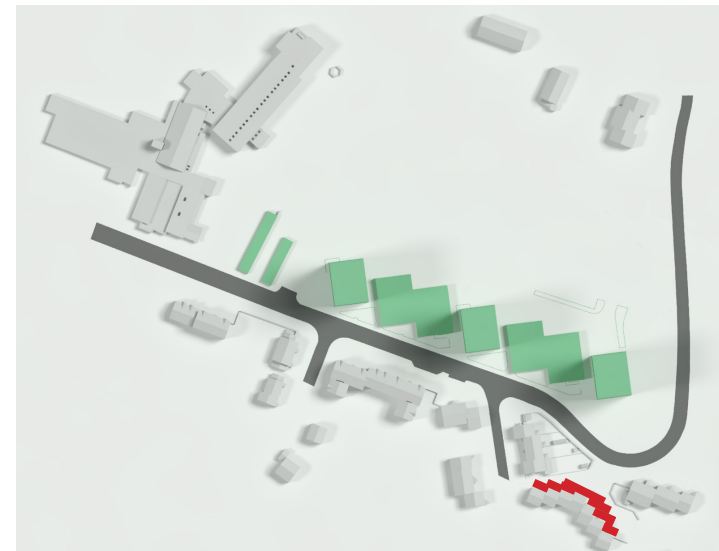
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Received 21/10/2021

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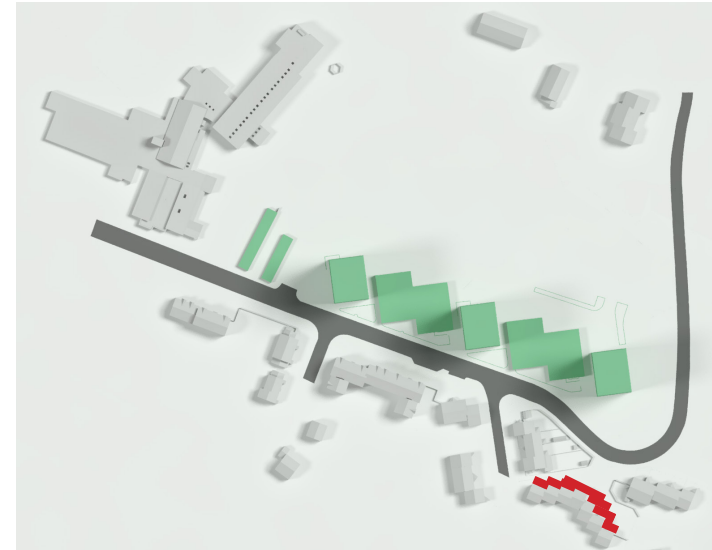
Project Avondale Drive
Hayes
UB3 3PW

Title 113 to 125 Avondale Drive
Window Map

Drawn TR Checked --

Date 29/08/2025 Project 4900

Rel no. Prefix Page no.
WM02 03



Sources of information

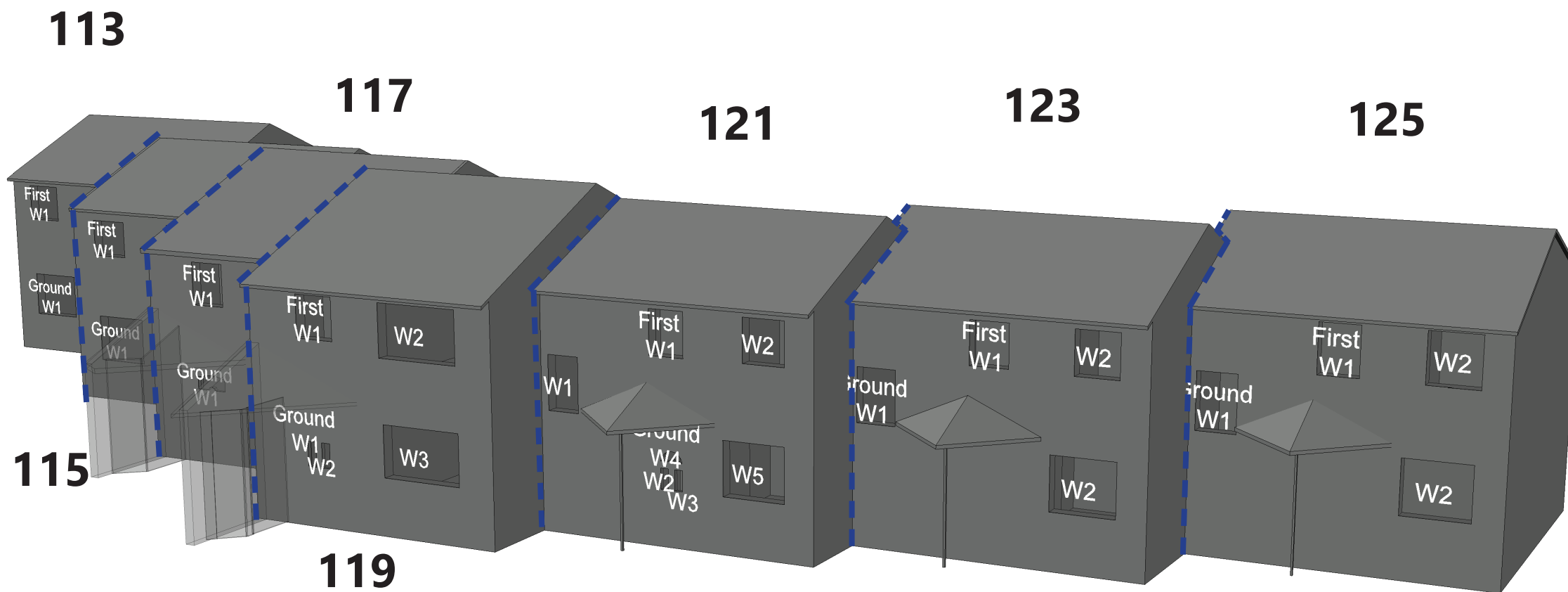
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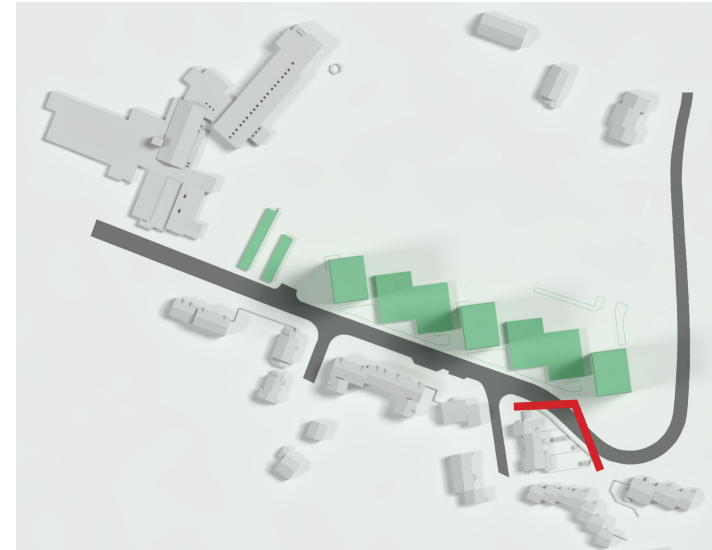
Project Avondale Drive
Hayes
UB3 3PW

Title 113 to 125 Avondale Drive
Window Map

Drawn TR Checked --

Date 29/08/2025 Project 4900

Rel no. Prefix Page no.
WM02 04



Sources of information

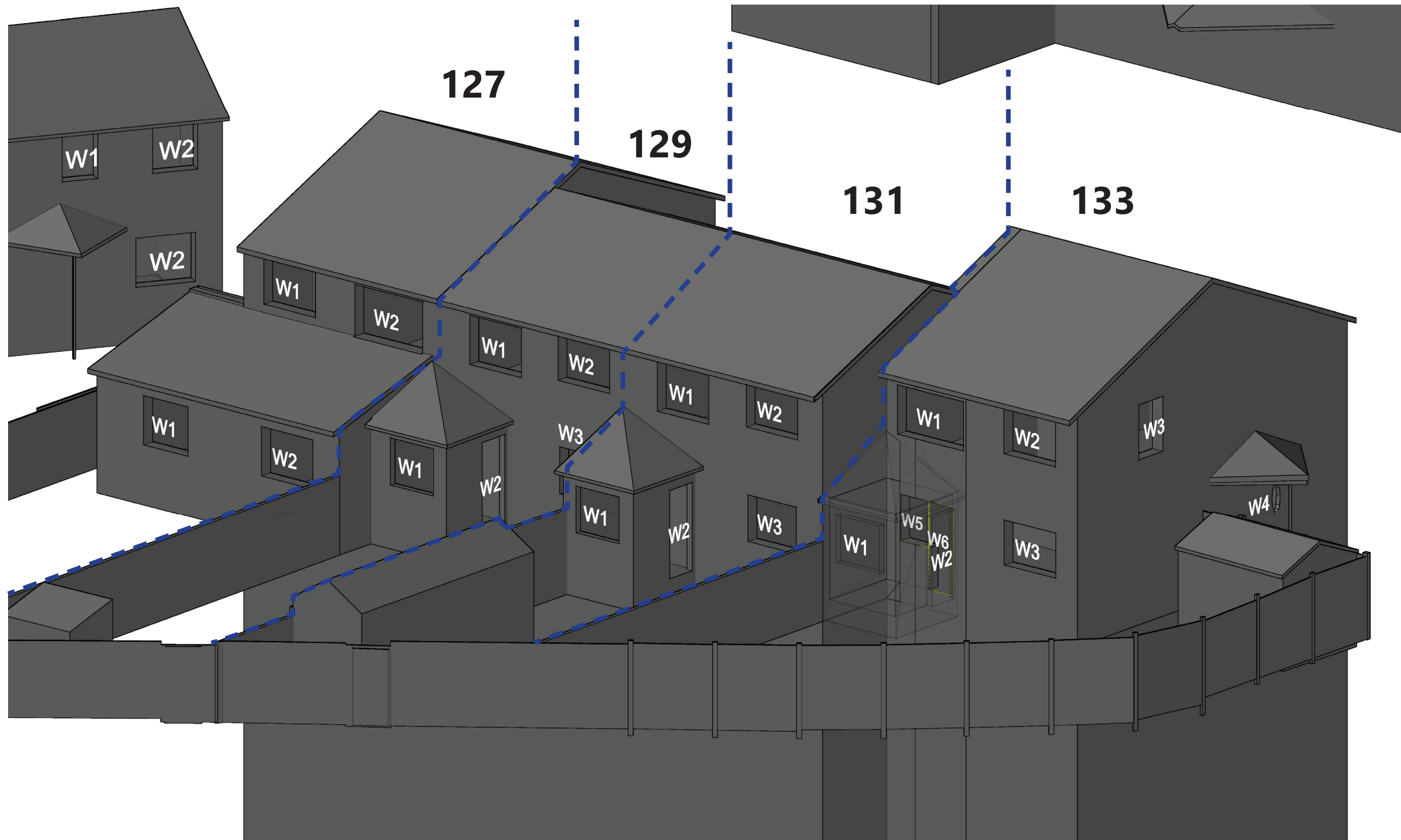
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Received 21/10/2021

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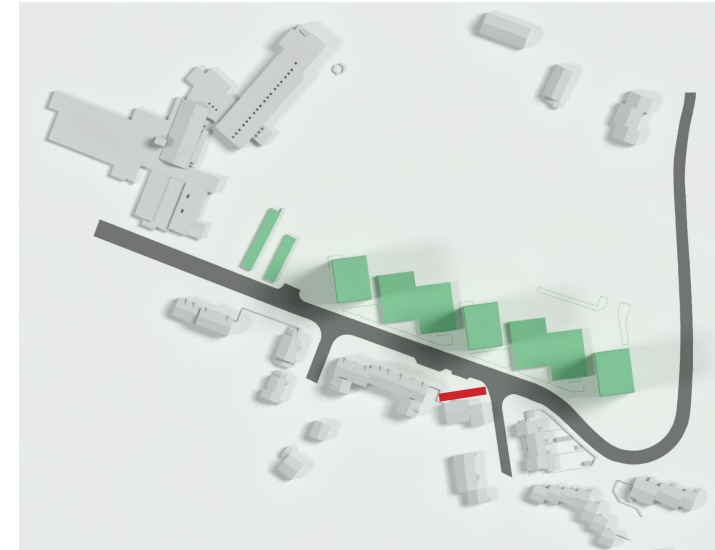
Project Avondale Drive
Hayes
UB3 3PW

Title 127 to 133 Avondale Drive
Window Map

Drawn TR Checked --

Date 29/08/2025 Project 4900

Rel no. Prefix Page no.
WM02 05



Sources of information

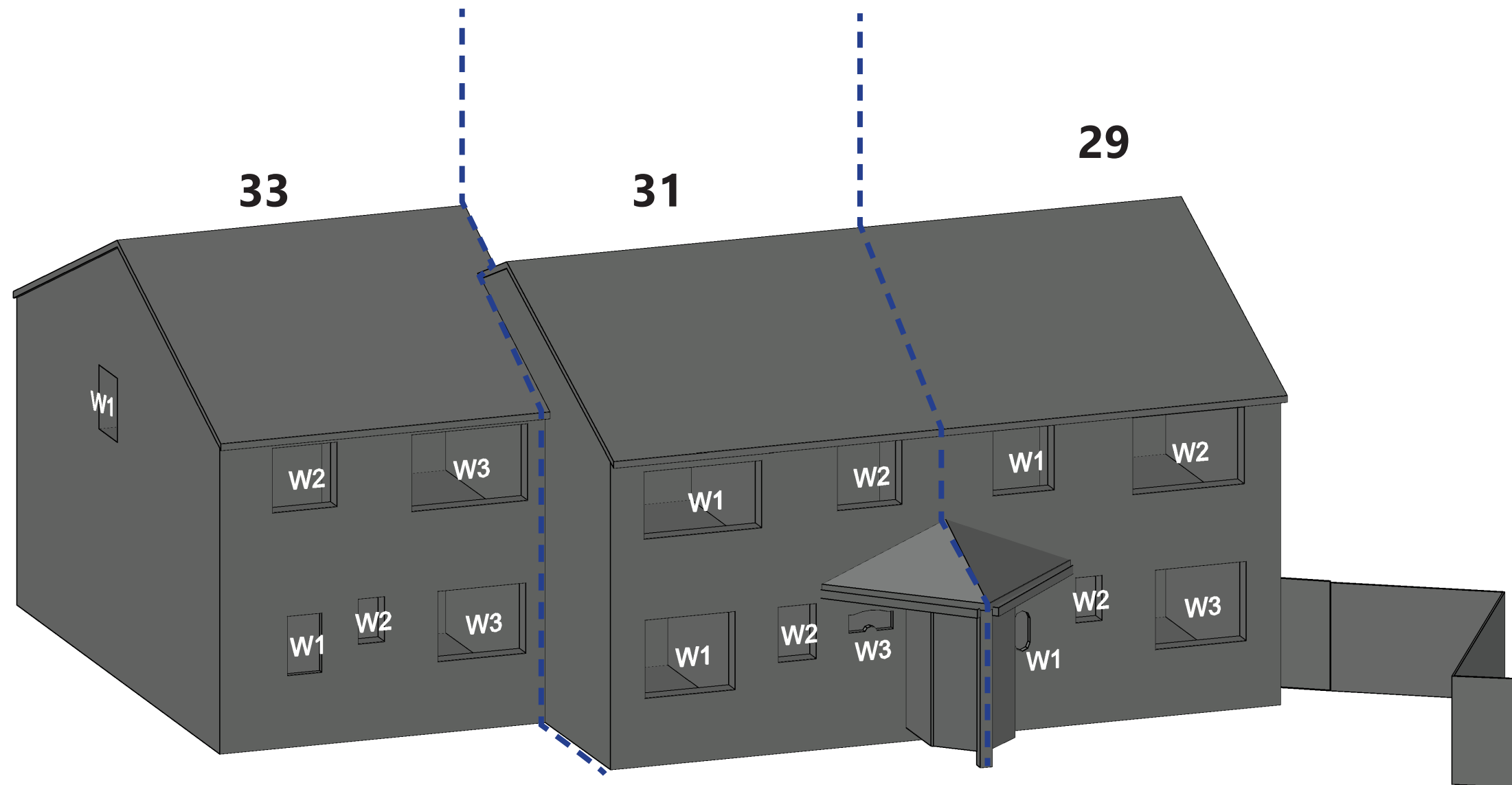
Survey Solutions

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Received 02/08/2021

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Received 21/10/2021

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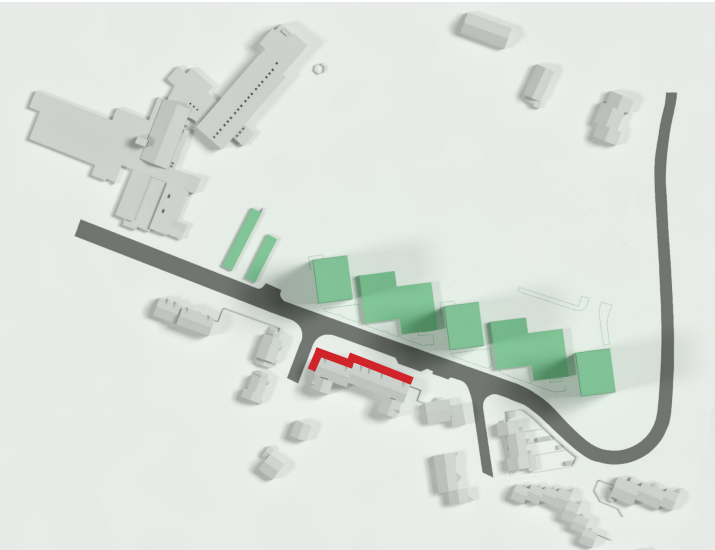
Project Avondale Drive
Hayes
UB3 3PW

Title 29-33 Avondale Drive
Window Map

Drawn TR Checked --

Date 29/08/2025 Project 4900

Rel no. Prefix Page no.
WM02 06



Sources of information

Survey Solutions
31652BWLS-01.dwg
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Received 02/08/2021

3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
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Project Avondale Drive
Hayes
UB3 3PW

Title 1-24 Gade Close
Window Map

Drawn TR Checked --

Date 29/08/2025 Project 4900

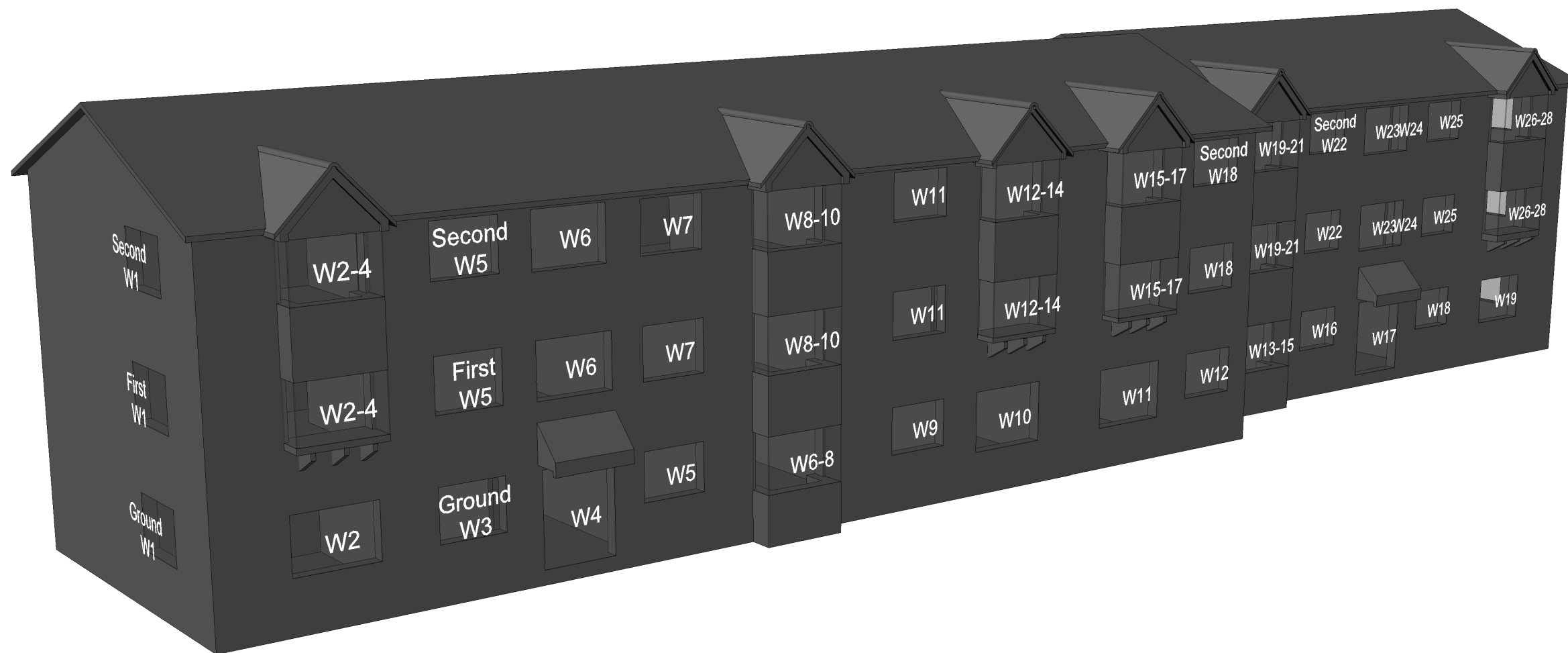
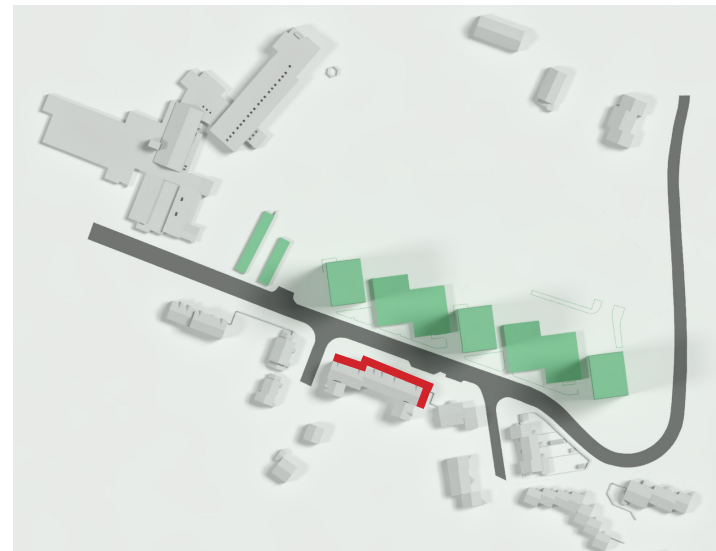
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Received 02/08/2021

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Project Avondale Drive
Hayes
UB3 3PW

Title 1-24 Gade Close
Window Map

Drawn TR Checked --

Date 29/08/2025 Project 4900

Rel no. Prefix Page no.
WM02 08

Sources of information

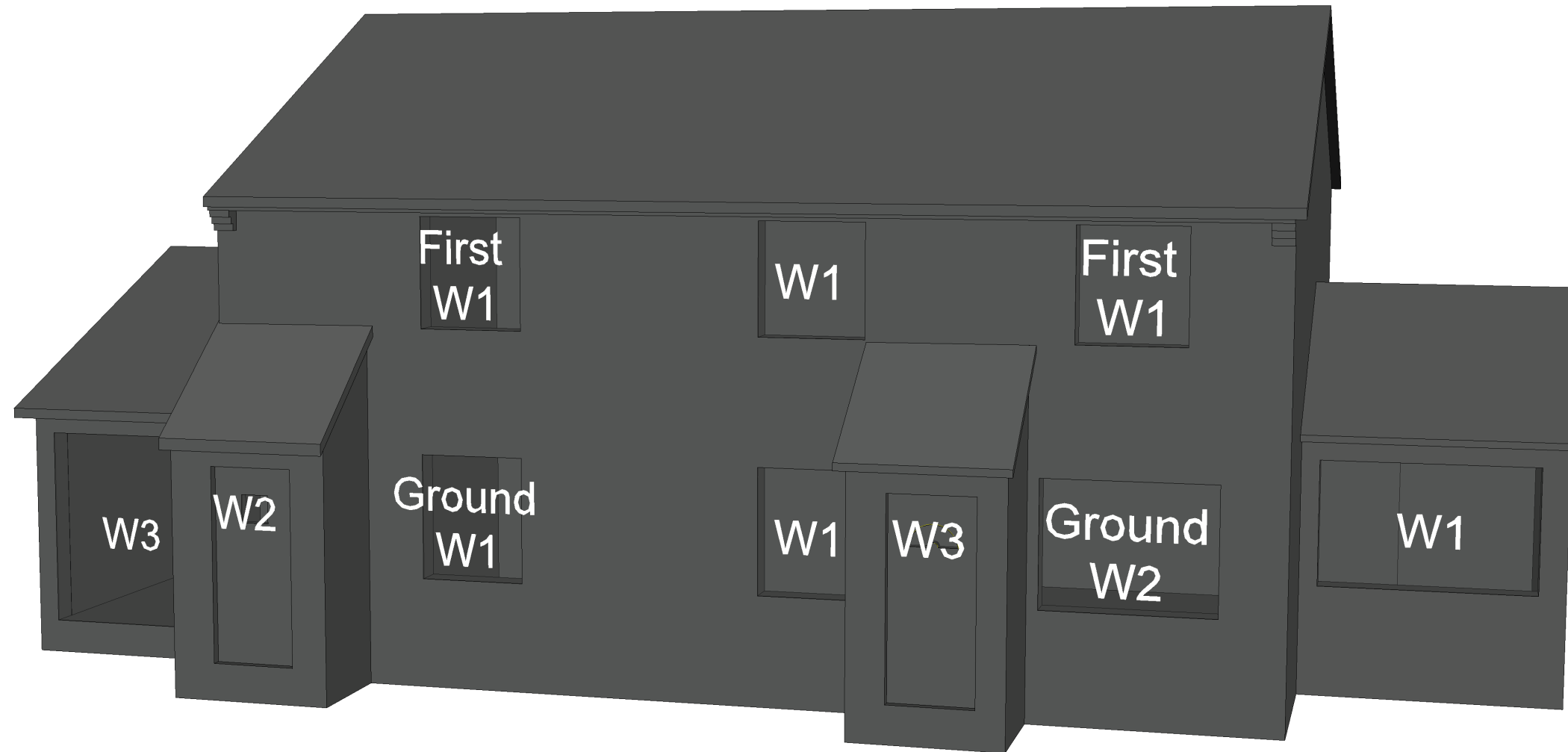
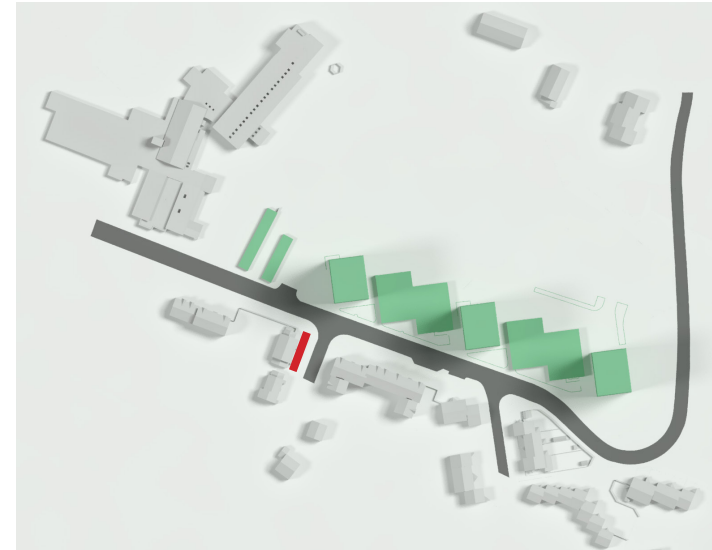
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Received 21/10/2021

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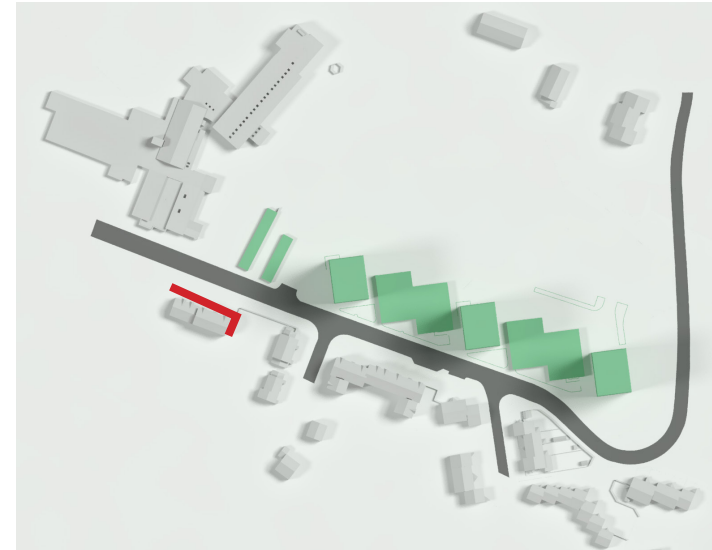
Project Avondale Drive
Hayes
UB3 3PW

Title 66 Gade Close
Window Map

Drawn TR Checked --

Date 29/08/2025 Project 4900

Rel no. Prefix Page no.
WM02 09



Sources of information

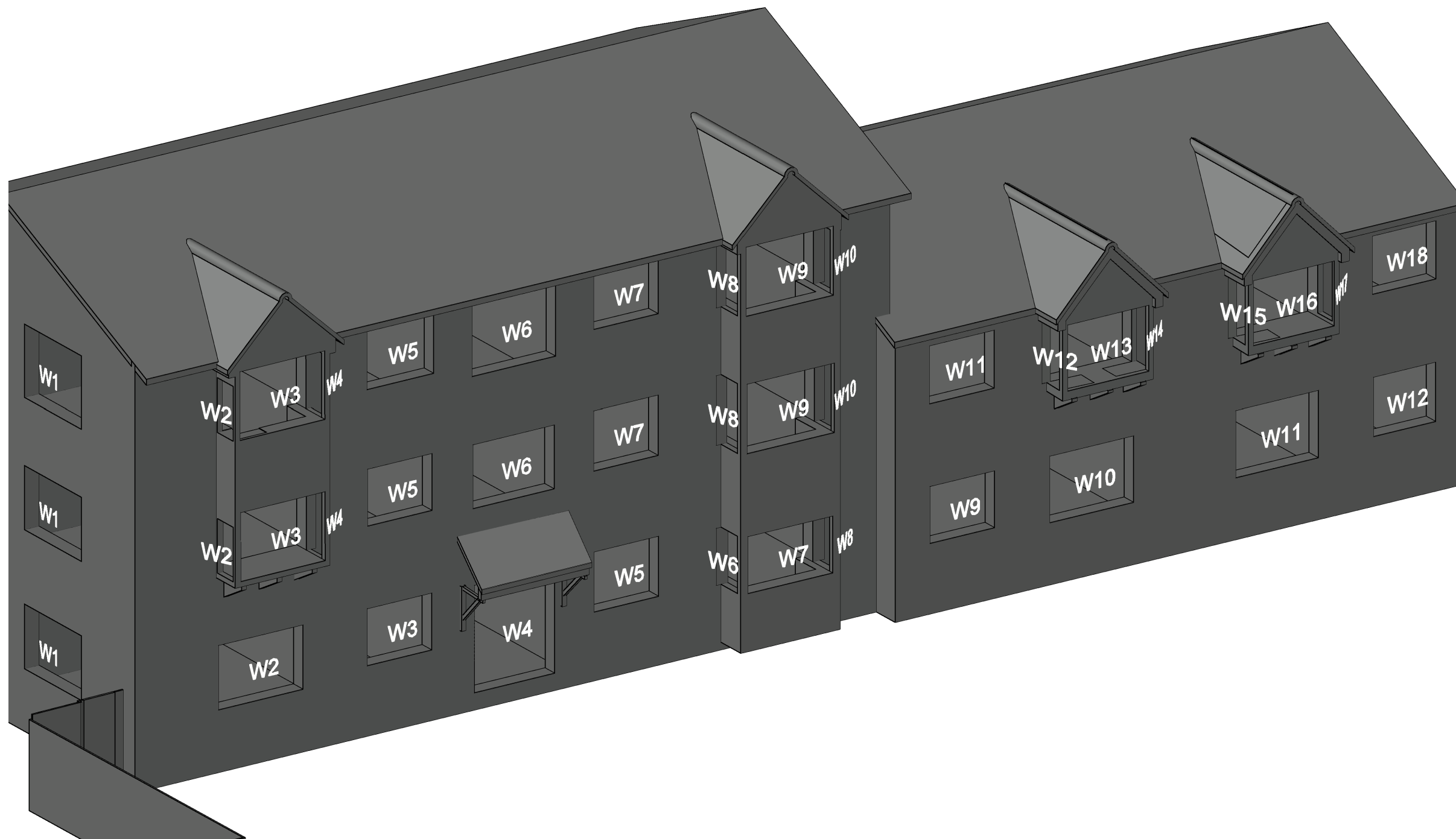
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Received 21/10/2021

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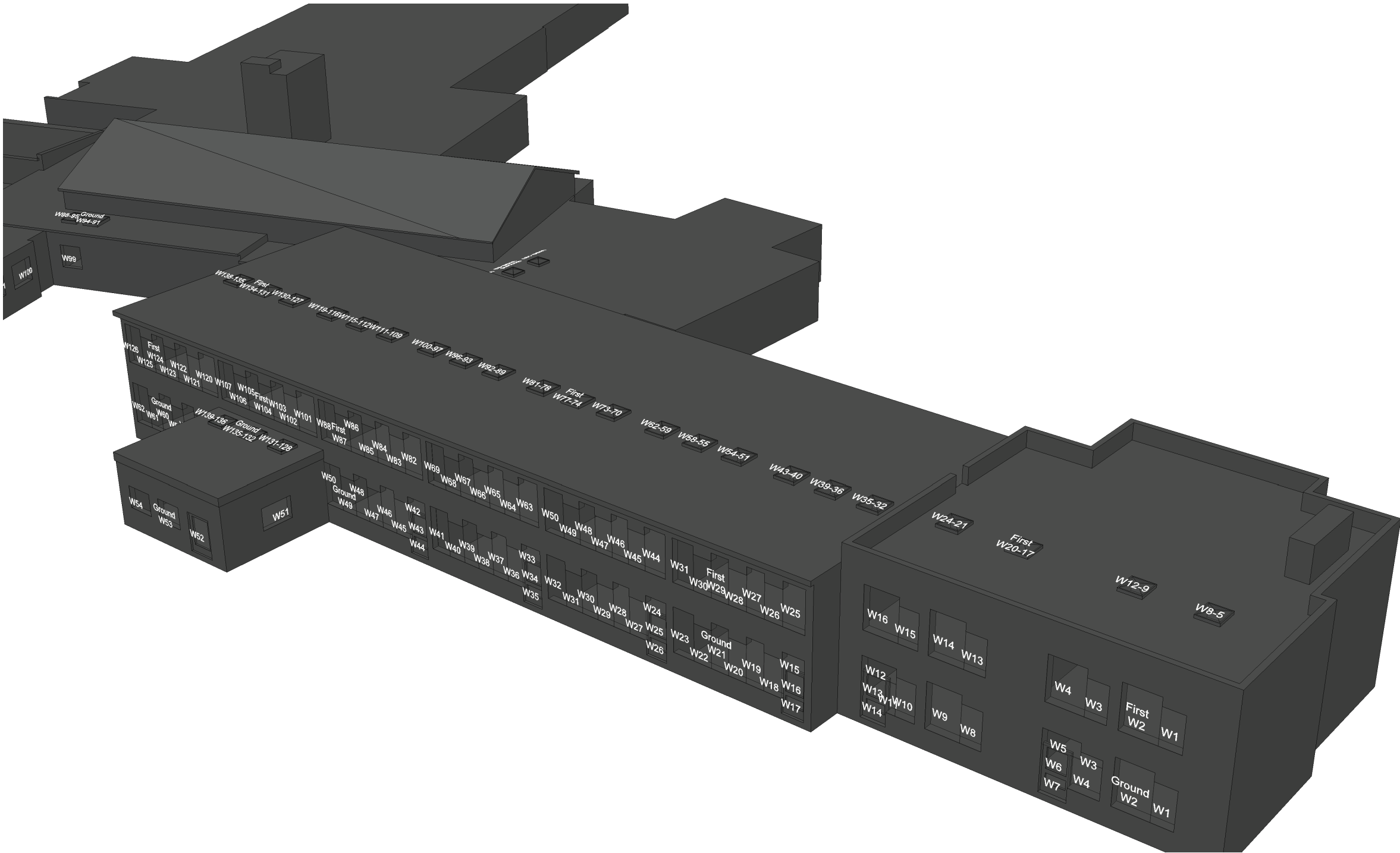
Project Avondale Drive
Hayes
UB3 3PW

Title 1-17 Clivesdale Drive
Window Map

Drawn TR Checked --

Date 29/08/2025 Project 4900

Rel no. Prefix Page no.
WM02 10



Sources of information

Survey Solutions
31652BWLS-01.dwg
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Received 02/08/2021

3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
Received 21/10/2021

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Project Avondale Drive
Hayes
UB3 3PW

Title Minet Infant and Junior School
Window Map

Drawn TR Checked --

Date 29/08/2025 Project 4900

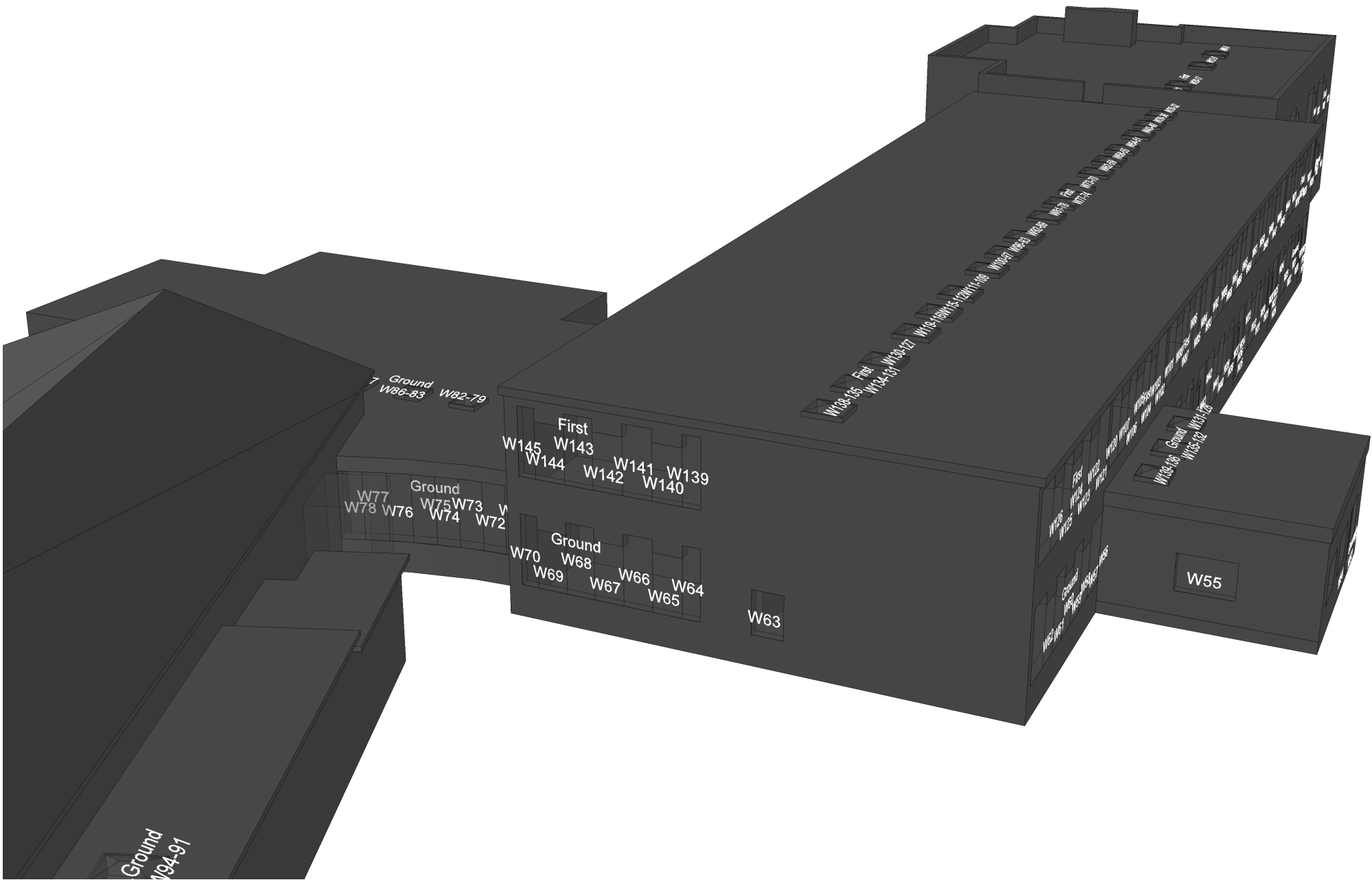
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Sources of information

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Received 02/08/2021

3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
Received 21/10/2021

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Project	Avondale Drive Hayes UB3 3PW		
Title	Minet Infant and Junior School Window Map		
Drawn	TR	Checked	--
Date	29/08/2025	Project	4900
Rel no.	Prefix WM02	Page no.	12

Sources of information

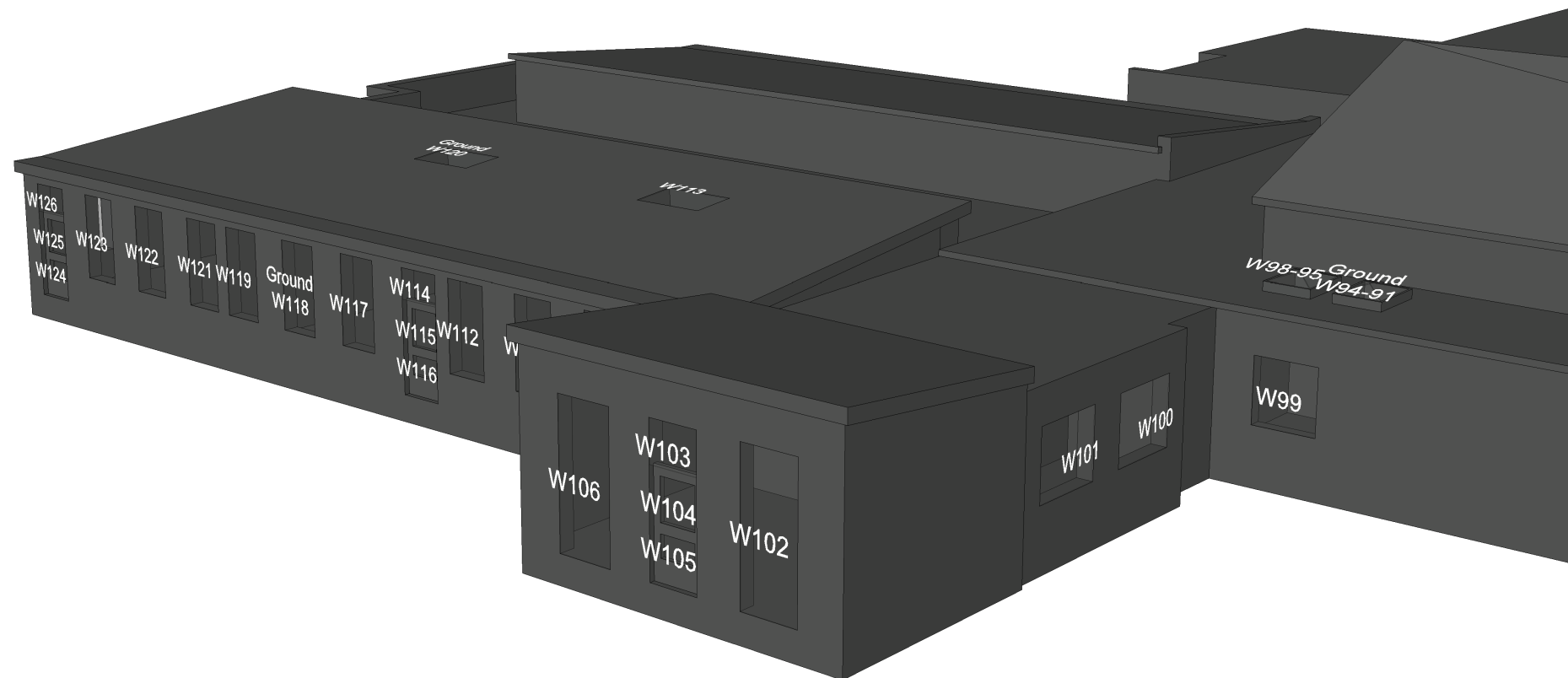
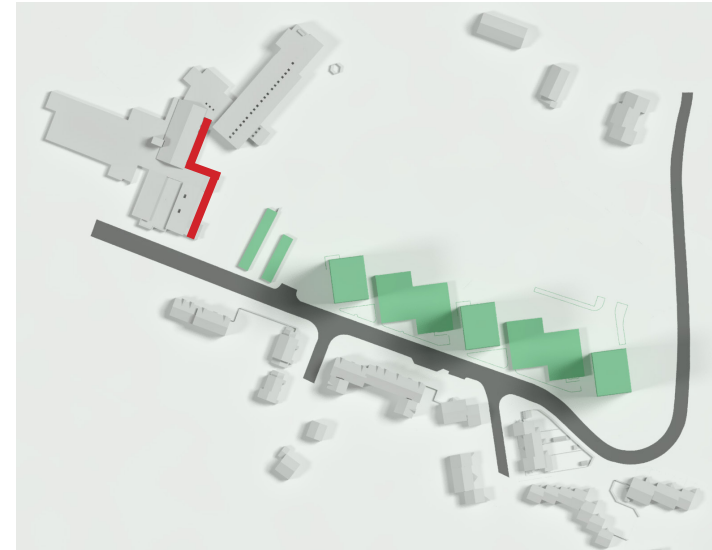
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Received 21/10/2021

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Ordnance Survey



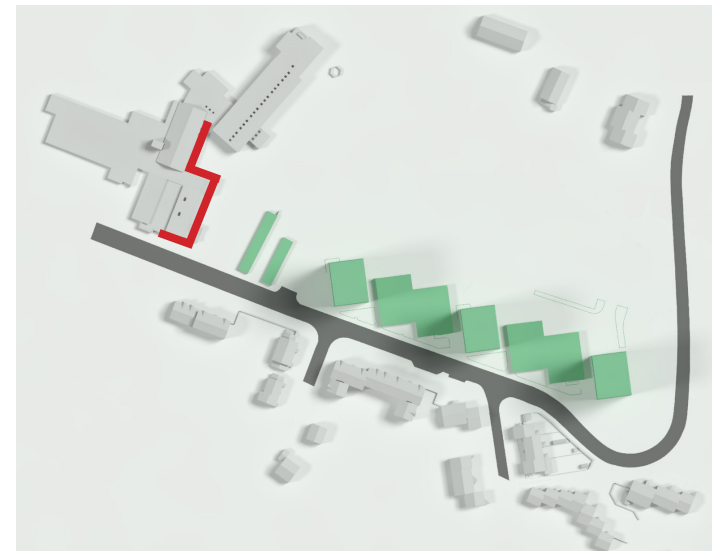
Project Avondale Drive
Hayes
UB3 3PW

Title Minet Infant and Junior School
Window Map

Drawn TR Checked --

Date 29/08/2025 Project 4900

Rel no. Prefix Page no.
WM02 13



Sources of information

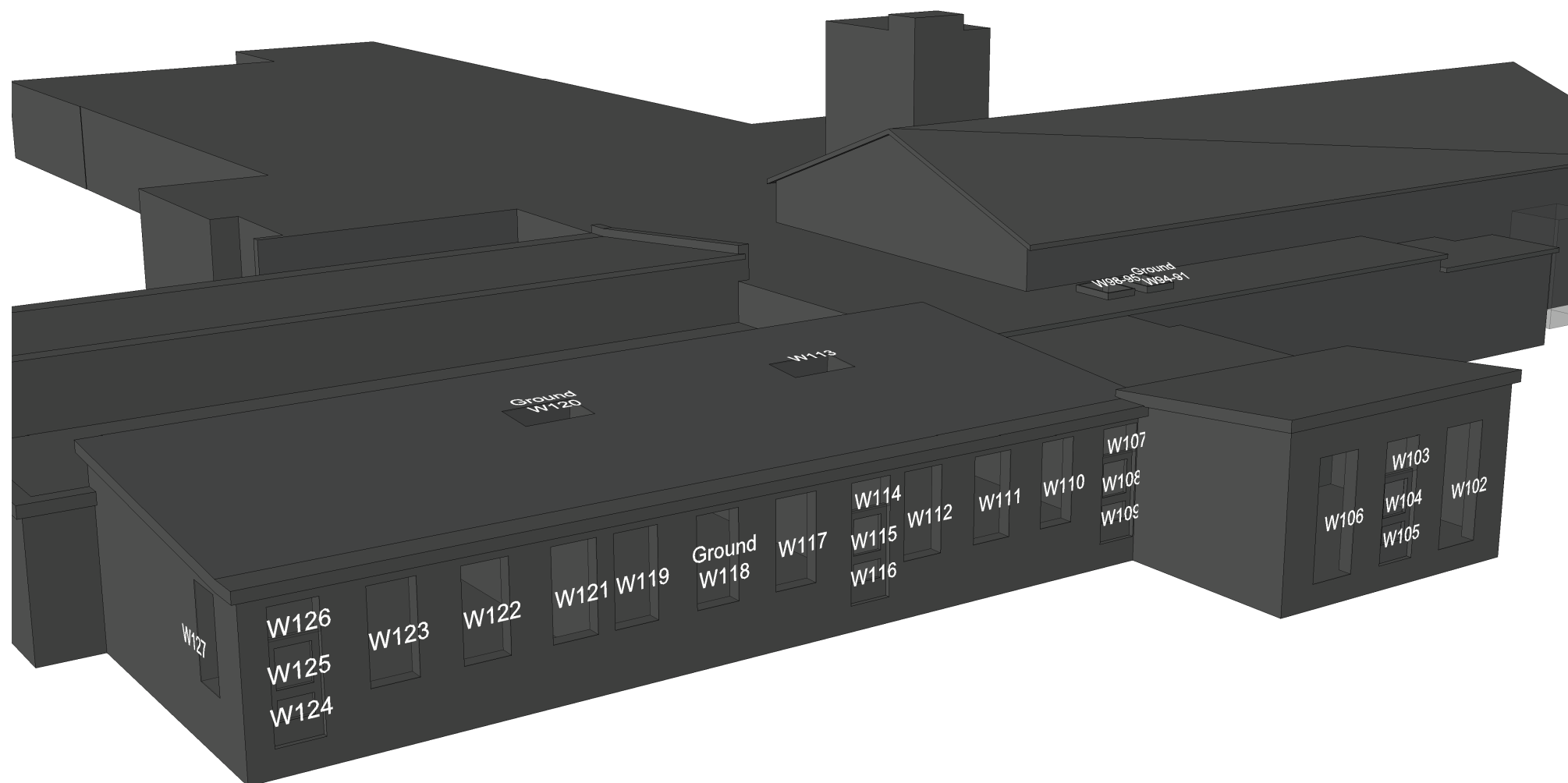
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Received 21/10/2021

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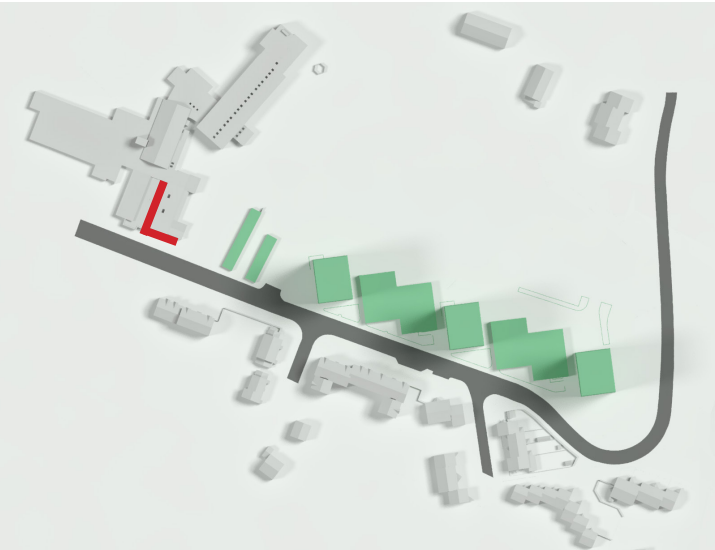
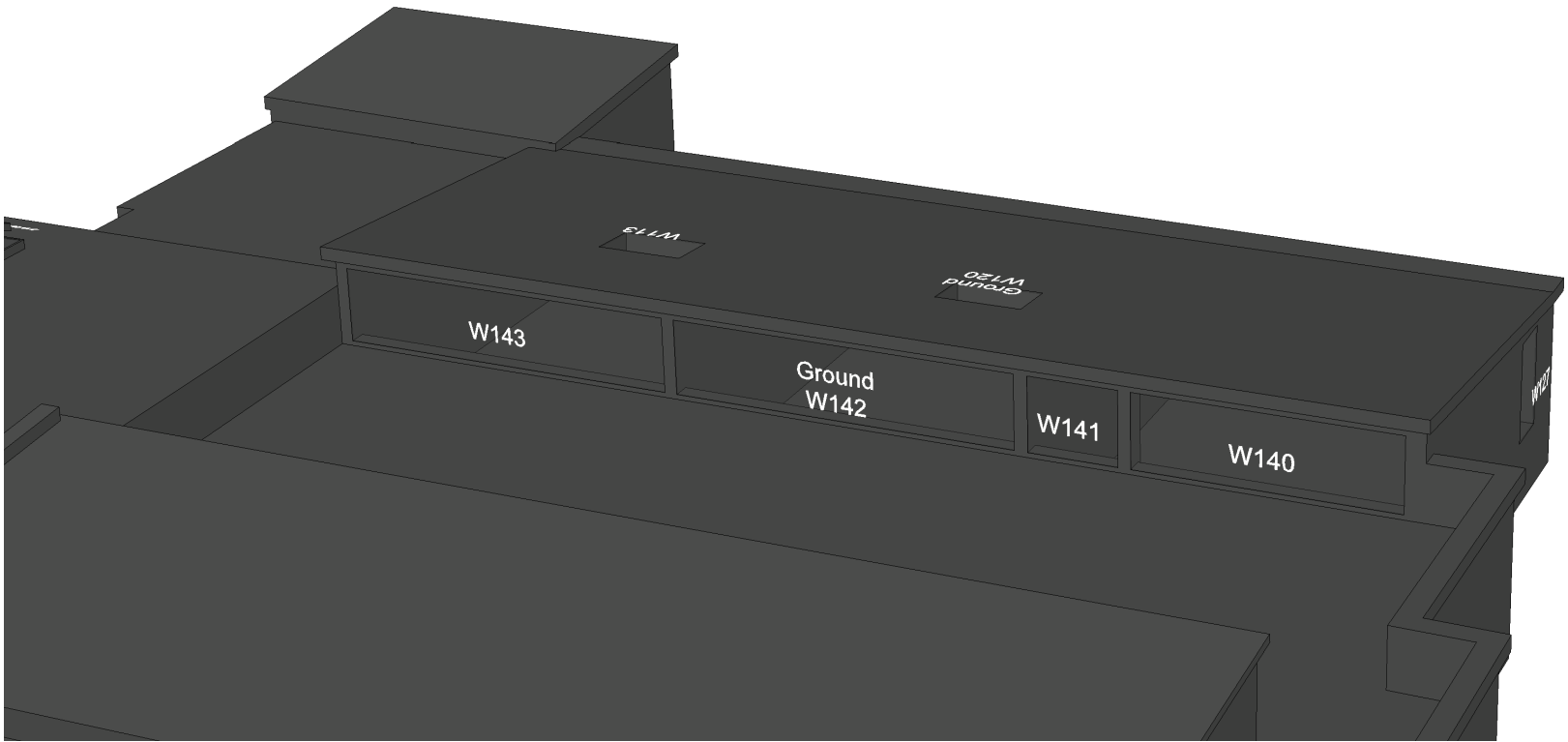
Project Avondale Drive
Hayes
UB3 3PW

Title Minet Infant and Junior School
Window Map

Drawn TR Checked --

Date 29/08/2025 Project 4900

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WM02 14



Sources of information

Survey Solutions
31652BWLS-01.dwg
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Received 02/08/2021

3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
Received 21/10/2021

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Project	Avondale Drive Hayes UB3 3PW		
Title	Minet Infant and Junior School Window Map		
Drawn	TR	Checked	--
Date	29/08/2025	Project	4900
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Appendix 2

Results of the daylight and sunlight assessments
within neighbouring properties

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room				
				Existing	Proposed	Loss	Proportion	Room	Existing NSL	Proposed NSL	Loss	Proportion	Existing APSH		Proposed APSH			
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	m ²	Retained	Total	Winter	Total	Winter
143 Avondale Drive																		
Ground	R1	W1	Residential	34.7	34.4	0.4	0.99	13.6	13.5	99%	13.5	99%	0.0	1.00	N/F	N/F	N/F	N/F
First	R1	W1	Residential	36.3	36.0	0.3	0.99	3.8	3.7	96%	3.7	96%	0.0	1.00	N/F	N/F	N/F	N/F
First	R2	W2	Residential	36.0	35.6	0.4	0.99	13.6	13.5	99%	13.5	99%	0.0	1.00	N/F	N/F	N/F	N/F
141 Avondale Drive																		
Ground	R1	W1	Residential	27.6	27.2	0.4	0.99	12.6	12.2	97%	12.2	97%	0.0	1.00	N/F	N/F	N/F	N/F
Ground	R2	W2	Hallway	17.9	17.9	0.0	1.00	8.0	7.8	97%	7.8	97%	0.0	1.00	N/F	N/F	N/F	N/F
First	R1	W1	Residential	28.6	28.2	0.4	0.99	12.6	12.4	99%	12.4	99%	0.0	1.00	N/F	N/F	N/F	N/F
First	R2	W2	Residential	30.9	30.4	0.4	0.99	3.8	3.7	96%	3.7	96%	0.0	1.00	N/F	N/F	N/F	N/F
139 Avondale Drive																		
Ground	R1	W1	Hallway	15.4	15.0	0.5	0.97	8.0	7.5	95%	7.5	93%	0.1	0.99	N/F	N/F	N/F	N/F
Ground	R2	W2	Residential	32.5	31.9	0.6	0.98	12.7	12.6	99%	12.5	98%	0.1	0.99	N/F	N/F	N/F	N/F
First	R1	W1	Residential	30.7	30.2	0.5	0.98	3.8	3.7	95%	3.6	94%	0.1	0.98	N/F	N/F	N/F	N/F
First	R2	W2	Residential	31.2	30.6	0.6	0.98	12.7	12.6	99%	12.5	98%	0.1	0.99	N/F	N/F	N/F	N/F
137 Avondale Drive																		
Ground	R1	W1	Residential	25.5	24.8	0.6	0.97	13.9	13.6	98%	13.6	98%	0.0	1.00	N/F	N/F	N/F	N/F
Ground	R2	W2	Hallway	16.5	16.3	0.2	0.99	8.5	8.3	97%	8.3	97%	0.0	1.00	N/F	N/F	N/F	N/F
First	R1	W1	Residential	29.3	28.6	0.7	0.98	13.9	13.7	99%	13.7	99%	0.0	1.00	N/F	N/F	N/F	N/F
First	R2	W2	Residential	32.6	31.9	0.7	0.98	3.7	3.5	96%	3.5	96%	0.0	1.00	N/F	N/F	N/F	N/F
135 Avondale Drive																		
Ground	R1	W1	Residential	25.0	24.2	0.8	0.97	17.8	17.6	99%	17.6	99%	0.1	1.00	N/F	N/F	N/F	N/F
		W2		30.0	29.0	0.9	0.97											
Ground	R2	W3	Hallway	16.0	15.8	0.2	0.99	8.7	6.2	71%	6.2	71%	0.0	1.00	N/F	N/F	N/F	N/F
Ground	R3	W4	Residential	29.6	29.3	0.3	0.99	3.2	3.1	97%	3.1	97%	0.0	1.00	N/F	N/F	N/F	N/F
First	R1	W1	Residential	32.2	31.3	0.9	0.97	11.2	11.1	99%	11.0	98%	0.1	0.99	N/F	N/F	N/F	N/F
First	R2	W2	Residential	31.5	30.5	1.0	0.97	4.9	4.5	92%	4.4	90%	0.1	0.98	N/F	N/F	N/F	N/F
First	R3	W3	Stairwell	32.5	31.9	0.5	0.98	9.7	4.3	45%	4.2	43%	0.1	0.97	N/F	N/F	N/F	N/F
113 Avondale Drive																		
Ground	R1	W1	Kitchen	29.6	29.1	0.5	0.98	8.4	8.4	99%	8.4	99%	0.0	1.00	N/F	N/F	N/F	N/F
Ground	R2	W2	Hallway	14.0	13.5	0.4	0.97	2.8	2.7	98%	2.7	98%	0.0	1.00	N/F	N/F	N/F	N/F
Ground	R3	W3	Stairwell	20.2	20.1	0.2	0.99	3.9	2.0	52%	2.0	52%	0.0	1.00	N/F	N/F	N/F	N/F
First	R1	W1	Bathroom	29.0	28.4	0.5	0.98	2.7	2.7	99%	2.7	99%	0.0	1.00	N/F	N/F	N/F	N/F
First	R2	W2	Bathroom	27.5	27.0	0.5	0.98	1.2	1.1	92%	1.1	92%	0.0	1.00	N/F	N/F	N/F	N/F
115 Avondale Drive																		
Ground	R1	W1	Kitchen	28.8	28.2	0.6	0.98	9.4	9.3	99%	9.3	99%	0.0	1.00	N/F	N/F	N/F	N/F
Ground	R2	W2	Hallway	8.2	7.9	0.3	0.96	6.5	4.8	74%	4.8	74%	0.0	1.00	N/F	N/F	N/F	N/F
		W3		20.6	20.4	0.3	0.99											
First	R1	W1	Bathroom	30.5	29.9	0.6	0.98	3.4	3.3	96%	3.3	96%	0.0	1.00	N/F	N/F	N/F	N/F
First	R2	W2	Bathroom	29.0	28.4	0.6	0.98	1.5	1.4	93%	1.4	93%	0.0	1.00	N/F	N/F	N/F	N/F
First	R3	W3	Landing	20.6	20.4	0.3	0.99	2.4	0.0	0%	0.0	0%	0.0	0.00	N/F	N/F	N/F	N/F
117 Avondale Drive																		
Ground	R1	W1	Hallway	4.9	4.2	0.7	0.85	8.5	5.6	66%	5.2	62%	0.3	0.94	N/F	N/F	N/F	N/F
Ground	R2	W2	Residential	22.2	21.7	0.5	0.98	14.6	13.4	92%	13.2	90%	0.3	0.98	N/F	N/F	N/F	N/F
First	R1	W1	Residential	27.5	26.7	0.8	0.97	3.7	3.4	93%	3.4	93%	0.0	0.99	N/F	N/F	N/F	N/F
First	R2	W2	Residential	24.3	23.6	0.7	0.97	14.6	14.0	95%	13.7	94%	0.2	0.98	N/F	N/F	N/F	N/F
119 Avondale Drive																		
Ground	R1	W1	Hallway	12.8	11.7	1.1	0.92	8.3	5.0	60%	4.6	55%	0.4	0.92	N/F	N/F	N/F	N/F
		W2		16.9	15.8	1.0	0.94											
Ground	R2	W3	Residential	29.3	28.3	1.0	0.97	13.9	13.8	99%	13.7	98%	0.2	0.99	N/F	N/F	N/F	N/F

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)								Annual Probable Sunlight Hours (APSH) by Room			
				Existing	Proposed	Loss	Proportion	Room	Existing NSL	Proposed NSL	Loss	Proportion	Existing APSH		Proposed APSH				
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	m ²	Retained	Total	Winter	Total	Winter	
First	R1	W1	Residential	26.0	25.0	0.9	0.96	3.7	3.4	92%	3.4	91%	0.0	0.99	N/F	N/F	N/F	N/F	
First	R2	W2	Residential	27.3	26.3	1.0	0.96	13.9	13.8	99%	13.7	98%	0.1	0.99	N/F	N/F	N/F	N/F	
121 Avondale Drive																			
Ground	R1	W1	Stairwell	17.9	17.1	0.9	0.95	3.9	2.4	61%	2.4	61%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R2	W2	Hallway	17.9	16.9	0.9	0.95												
		W3		19.6	18.6	1.0	0.95												
		W4		11.6	10.7	0.9	0.92												
Ground	R3	W5	Kitchen	28.6	27.6	1.1	0.96	8.4	7.9	94%	7.8	92%	0.1	0.99	N/F	N/F	N/F	N/F	
First	R1	W1	Bathroom	26.3	25.4	0.9	0.96	1.2	1.1	92%	1.1	92%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R2	W2	Bathroom	26.7	25.7	0.9	0.96	2.7	2.6	96%	2.6	96%	0.0	1.00	N/F	N/F	N/F	N/F	
123 Avondale Drive																			
Ground	R1	W1	Stairwell	18.2	17.4	0.8	0.96	3.8	2.5	65%	2.5	65%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R2	W2	Kitchen	27.2	26.3	0.9	0.97	8.4	8.1	96%	8.0	94%	0.2	0.98	N/F	N/F	N/F	N/F	
First	R1	W1	Bathroom	25.7	24.7	0.9	0.96	1.2	1.2	93%	1.2	93%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R2	W2	Bathroom	26.2	25.2	1.0	0.96	2.7	2.7	99%	2.7	99%	0.0	1.00	N/F	N/F	N/F	N/F	
125 Avondale Drive																			
Ground	R1	W1	Stairwell	17.5	16.9	0.6	0.97	3.8	2.5	65%	2.5	65%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R2	W2	Kitchen	25.1	24.5	0.6	0.98	8.4	7.0	82%	6.8	80%	0.2	0.98	N/F	N/F	N/F	N/F	
First	R1	W1	Bathroom	25.2	24.3	0.9	0.97	1.2	1.2	98%	1.2	98%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R2	W2	Bathroom	25.7	24.9	0.9	0.97	2.7	2.7	100%	2.7	100%	0.0	1.00	N/F	N/F	N/F	N/F	
127 Avondale Drive																			
Ground	R1	W1	Kitchen	30.1	29.5	0.6	0.98												
		W3		18.4	18.4	0.0	1.00												
Ground	R2	W2	Dining Room	29.9	29.2	0.7	0.98	21.4	20.5	96%	20.4	96%	0.1	0.99	N/F	N/F	N/F	N/F	
First	R1	W1	Residential	31.0	30.4	0.7	0.98	4.5	4.4	99%	4.4	99%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R2	W2	Residential	30.7	30.0	0.7	0.98	11.1	11.0	100%	11.0	100%	0.0	1.00	N/F	N/F	N/F	N/F	
129 Avondale Drive																			
Ground	R1	W1	Hallway	26.2	25.5	0.7	0.97												
		W2		9.1	8.3	0.8	0.91												
Ground	R2	W3	Residential	27.0	26.7	0.3	0.99	9.4	8.9	95%	8.8	94%	0.1	0.99	N/F	N/F	N/F	N/F	
First	R1	W1	Residential	29.3	28.5	0.8	0.97	9.4	8.9	95%	8.8	94%	0.1	0.99	N/F	N/F	N/F	N/F	
First	R2	W2	Residential	27.0	26.2	0.8	0.97	9.4	8.9	96%	8.9	95%	0.1	0.99	N/F	N/F	N/F	N/F	
131 Avondale Drive																			
Ground	R1	W1	Hallway	27.0	26.1	0.9	0.97												
		W2		8.7	7.7	1.0	0.88												
Ground	R2	W3	Residential	25.7	24.9	0.8	0.97	8.7	7.8	90%	7.7	88%	0.1	0.98	N/F	N/F	N/F	N/F	
First	R1	W1	Residential	26.6	25.9	0.7	0.97	8.8	8.2	94%	8.1	92%	0.1	0.99	N/F	N/F	N/F	N/F	
First	R2	W2	Residential	24.1	23.4	0.7	0.97	8.7	7.9	90%	7.7	88%	0.2	0.98	N/F	N/F	N/F	N/F	
133 Avondale Drive																			
Ground	R1	W1	Residential	24.8	24.0	0.7	0.97												
		W2		8.3	7.3	1.1	0.87												
		W5		22.9	22.1	0.8	0.97												
		W6		0.9	0.9	0.1	0.94												
			3.7	3.4	0.3	0.93													
Ground	R3	W4	Hallway	14.8	13.8	0.9	0.94	8.8	4.5	51%	4.3	49%	0.2	0.96	N/F	N/F	N/F	N/F	
First	R1	W1	Residential	19.1	18.3	0.8	0.96	11.0	10.2	93%	10.1	92%	0.1	0.99	N/F	N/F	N/F	N/F	
First	R2	W2	Residential	22.0	21.2	0.7	0.97	4.5	4.0	90%	3.9	88%	0.1	0.98	N/F	N/F	N/F	N/F	
First	R3	W3	Stairwell	24.7	23.1	1.6	0.93	9.9	3.8	39%	3.6	36%	0.2	0.95	N/F	N/F	N/F	N/F	
33 Avondale Drive																			
Ground	R1	W1	Hallway	22.9	21.5	1.4	0.94	7.7	5.1	66%	4.1	53%	0.9	0.81	N/F	N/F	N/F	N/F	
Ground	R2	W2	Residential	21.5	20.1	1.4	0.94	2.2	2.0	91%	1.9	90%	0.0	0.98	N/F	N/F	N/F	N/F	

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room				
				Existing	Proposed	Loss	Proportion	Room	Existing NSL	Proposed NSL	Loss	Proportion	Existing APSH		Proposed APSH			
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	m ²	Retained	Total	Winter	Total	Winter
Ground	R3	W3	Residential	15.7	14.6	1.2	0.93	9.9	8.9	90%	7.8	79%	1.0	0.88	N/F	N/F	N/F	N/F
First	R1	W1	Stairwell	28.7	28.0	0.8	0.97	9.3	7.6	82%	7.5	81%	0.0	0.99	N/F	N/F	N/F	N/F
First	R2	W2	Residential	23.7	22.3	1.4	0.94	5.8	5.3	92%	5.2	91%	0.1	0.99	N/F	N/F	N/F	N/F
First	R3	W3	Residential	19.7	18.4	1.3	0.94	11.5	11.0	95%	10.7	93%	0.3	0.98	N/F	N/F	N/F	N/F
31 Avondale Drive																		
Ground	R1	W1	Residential	24.8	23.3	1.5	0.94	10.0	9.3	93%	8.3	83%	1.0	0.89	N/F	N/F	N/F	N/F
Ground	R2	W2	Residential	23.8	22.3	1.5	0.94	2.2	2.1	97%	2.1	97%	0.0	1.00	N/F	N/F	N/F	N/F
Ground	R3	W3	Hallway	3.2	2.2	1.0	0.67	7.7	5.2	67%	4.0	51%	1.2	0.76	N/F	N/F	N/F	N/F
First	R1	W1	Residential	24.3	22.8	1.5	0.94	11.6	11.0	95%	10.7	92%	0.3	0.97	N/F	N/F	N/F	N/F
First	R2	W2	Residential	23.7	22.1	1.6	0.94	5.8	5.7	98%	5.7	98%	0.0	1.00	N/F	N/F	N/F	N/F
29 Avondale Drive																		
Ground	R1	W1	Hallway	12.4	11.4	1.0	0.92	7.7	3.0	39%	2.7	35%	0.4	0.88	N/F	N/F	N/F	N/F
Ground	R2	W2	Residential	23.9	22.5	1.4	0.94	2.2	2.0	93%	2.0	91%	0.0	0.98	N/F	N/F	N/F	N/F
Ground	R3	W3	Residential	23.9	22.5	1.4	0.94	9.9	8.9	90%	8.4	85%	0.5	0.94	N/F	N/F	N/F	N/F
First	R1	W1	Residential	24.0	22.4	1.6	0.94	5.8	5.7	98%	5.7	98%	0.0	1.00	N/F	N/F	N/F	N/F
First	R2	W2	Residential	24.5	23.0	1.5	0.94	11.6	11.1	95%	10.5	90%	0.6	0.95	N/F	N/F	N/F	N/F
1-24 Gade Close																		
Ground	R1	W1 W2	Living Room	30.1 23.4	29.6 21.5	0.5 1.9	0.98 0.92	13.3	13.3	100%	13.3	99%	0.0	1.00	52	17	52	17
Ground	R2	W3	Kitchen	23.9	22.0	1.9	0.92	6.8	6.1	89%	5.9	86%	0.2	0.96	N/F	N/F	N/F	N/F
Ground	R3	W4	Residential	17.5	15.6	1.8	0.90	12.9	11.4	89%	8.9	69%	2.5	0.78	N/F	N/F	N/F	N/F
Ground	R4	W5	Kitchen	23.7	21.9	1.8	0.92	6.6	5.8	87%	5.4	81%	0.4	0.94	N/F	N/F	N/F	N/F
Ground	R5	W6 W7 W8	Living Room	13.6 24.7 14.4	13.0 22.9 13.9	0.6 1.8 0.5	0.96 0.93 0.97	23.3	18.4	79%	15.0	64%	3.4	0.82	10	0	10	0
Ground	R6	W9	Kitchen	24.4	22.6	1.7	0.93	6.8	6.0	88%	5.9	87%	0.1	0.99	N/F	N/F	N/F	N/F
Ground	R7	W10	Living Room	23.7	22.0	1.7	0.93	13.3	13.1	98%	12.8	96%	0.3	0.98	N/F	N/F	N/F	N/F
Ground	R8	W11	Living Room	24.1	22.4	1.8	0.93	13.3	12.8	96%	12.6	95%	0.2	0.99	N/F	N/F	N/F	N/F
Ground	R9	W12	Kitchen	25.3	23.5	1.8	0.93	6.8	6.5	95%	6.5	95%	0.0	1.00	N/F	N/F	N/F	N/F
Ground	R10	W13 W14 W15	Living Room	2.3 23.7 14.4	2.1 22.1 14.1	0.2 1.6 0.3	0.91 0.93 0.98	23.1	17.5	76%	16.2	70%	1.3	0.92	1	0	1	0
Ground	R11	W16	Kitchen	24.4	22.8	1.6	0.93	9.0	8.2	91%	7.9	88%	0.3	0.96	N/F	N/F	N/F	N/F
Ground	R12	W17	Residential	18.0	16.5	1.6	0.91	10.1	9.3	92%	6.9	69%	2.3	0.75	N/F	N/F	N/F	N/F
Ground	R13	W18	Kitchen	25.0	23.4	1.6	0.94	6.8	6.8	99%	6.6	96%	0.2	0.98	N/F	N/F	N/F	N/F
Ground	R14	W19 W20	Living Room	24.6 32.7	22.9 32.5	1.6 0.1	0.93 1.00	13.3	13.3	100%	13.3	100%	0.0	1.00	N/F	N/F	N/F	N/F
First	R1	W1 W2 W3 W4	Living Room	32.9 17.2 27.1 15.0	32.3 16.6 25.1 14.5	0.5 0.6 2.0 0.5	0.98 0.97 0.93 0.97	19.4	18.1	93%	17.1	88%	0.9	0.95	55	19	55	19
First	R2	W5	Kitchen	26.5	24.5	2.0	0.93	7.9	7.9	99%	7.8	99%	0.0	1.00	N/F	N/F	N/F	N/F
First	R3	W6	Residential	26.9	24.9	1.9	0.93	10.6	10.1	95%	9.9	93%	0.3	0.97	N/F	N/F	N/F	N/F
First	R4	W7	Kitchen	26.4	24.5	1.9	0.93	6.4	5.6	88%	5.6	87%	0.1	0.99	N/F	N/F	N/F	N/F
First	R5	W8 W9 W10	Living Room	14.7 26.9 15.1	14.1 25.1 14.7	0.6 1.8 0.4	0.96 0.93 0.97	13.9	13.4	97%	13.3	96%	0.1	0.99	10	0	10	0
First	R6	W11	Kitchen	26.0	24.4	1.6	0.94	7.9	7.5	95%	7.5	95%	0.0	1.00	N/F	N/F	N/F	N/F
First	R7	W12 W13 W14	Living Room	14.0 27.2 13.5	13.4 25.6 13.1	0.6 1.6 0.4	0.96 0.94 0.97	18.6	16.4	88%	16.1	86%	0.3	0.98	11	0	10	0
First	R8	W15 W16 W17	Living Room	12.0 27.6 16.9	11.5 26.0 16.5	0.5 1.6 0.4	0.96 0.94 0.98	18.6	16.4	88%	16.0	86%	0.5	0.97	12	0	11	0

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)								Annual Probable Sunlight Hours (APSH) by Room							
				Existing	Proposed	Loss	Proportion	Room	Existing	NSL	Proposed	NSL	Loss	Proportion	Existing APSH		Proposed APSH						
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	m ²	Retained	Total	Winter	Total	Winter					
First	R9	W18	Kitchen	27.1	25.4	1.6	0.94	6.8	6.3	92%	6.3	92%	0.0	1.00	N/F	N/F	N/F	N/F					
First	R10	W19 W20 W21	Living Room	2.7	2.5	0.2	0.92																
				26.1	24.5	1.6	0.94																
				15.6	15.3	0.3	0.98	15.7	14.2	91%	14.0	89%	0.3	0.98	1	0	1	0					
First	R11	W22	Kitchen	27.3	25.7	1.7	0.94	6.3	6.3	100%	6.3	100%	0.0	1.00	N/F	N/F	N/F	N/F					
First	R12	W23	Residential	27.8	26.2	1.7	0.94	7.8	7.7	98%	7.5	96%	0.2	0.98	N/F	N/F	N/F	N/F					
First	R13	W24 W25	Kitchen	27.9	26.2	1.7	0.94																
				27.6	25.9	1.7	0.94	6.8	6.7	99%	6.7	99%	0.0	1.00	N/F	N/F	N/F	N/F					
First	R14	W26 W27 W28 W29	Living Room	14.2	13.6	0.6	0.96																
				28.3	26.6	1.7	0.94																
				19.0	18.8	0.2	0.99																
				35.1	35.0	0.1	1.00	22.0	21.7	99%	21.5	98%	0.2	0.99	47	10	47	10					
Second	R1	W1 W2 W3 W4 W5	LKD	34.5	34.0	0.5	0.99																
				15.1	14.6	0.6	0.96																
				29.3	27.3	2.0	0.93																
				15.2	14.7	0.5	0.97																
				26.1	24.1	2.0	0.92	30.4	29.5	97%	29.2	96%	0.3	0.99	56	20	56	20					
Second	R2	W6	Residential	26.4	24.4	2.0	0.93	11.3	10.7	95%	10.6	94%	0.1	0.99	N/F	N/F	N/F	N/F					
Second	R3	W7 W8 W9 W10	LKD	25.8	23.9	1.9	0.93																
				15.1	14.5	0.6	0.96																
				29.0	27.2	1.8	0.94																
				15.6	15.2	0.4	0.97	30.4	27.4	90%	26.3	86%	1.2	0.96	11	0	10	0					
Second	R4	W11	Kitchen	25.1	23.5	1.7	0.93	6.7	5.6	84%	5.6	84%	0.0	1.00	N/F	N/F	N/F	N/F					
Second	R5	W12 W13 W14	Living Room	14.2	13.7	0.6	0.96																
				29.0	27.4	1.6	0.94																
				14.0	13.6	0.4	0.97	16.5	15.3	93%	15.2	92%	0.1	0.99	11	0	11	0					
Second	R6	W15 W16 W17	Living Room	12.2	11.7	0.5	0.96																
				29.5	27.9	1.6	0.95																
				16.1	15.7	0.4	0.98	16.5	15.1	91%	14.9	90%	0.3	0.98	12	0	10	0					
Second	R7	W18	Kitchen	26.1	24.5	1.6	0.94	6.7	6.5	98%	6.5	97%	0.0	0.99	N/F	N/F	N/F	N/F					
Second	R8	W19 W20 W21	Living Room	5.2	5.0	0.2	0.97																
				29.4	27.9	1.5	0.95																
				15.1	14.7	0.3	0.98	20.6	17.0	83%	16.6	81%	0.4	0.98	3	0	3	0					
Second	R9	W22	Kitchen	24.6	22.9	1.6	0.93	6.4	6.3	99%	6.3	99%	0.0	1.00	N/F	N/F	N/F	N/F					
Second	R10	W23	Residential	26.0	24.3	1.7	0.94	7.5	7.5	100%	7.5	100%	0.0	1.00	N/F	N/F	N/F	N/F					
Second	R11	W24 W25	Kitchen	26.0	24.3	1.7	0.94																
				24.8	23.1	1.7	0.93	6.8	6.7	99%	6.7	99%	0.0	1.00	N/F	N/F	N/F	N/F					
Second	R12	W26 W27 W28 W29	Living Room	14.2	13.6	0.5	0.96																
				30.5	28.8	1.7	0.94																
				16.6	16.4	0.2	0.99																
				36.6	36.4	0.1	1.00	22.6	22.3	99%	22.2	99%	0.1	1.00	46	9	46	9					
66 Gade Close																							
Ground	R1	W1	Living Room	20.2	19.7	0.5	0.97	9.2	9.2	100%	9.2	100%	0.0	1.00	25	4	25	4					
Ground	R2	W2	Living Room	24.6	24.1	0.5	0.98	19.5	17.8	92%	17.4	89%	0.4	0.98	31	3	29	3					
Ground	R3	W3	Hallway	25.6	25.1	0.5	0.98	1.1	0.9	77%	0.9	77%	0.0	1.00	45	15	44	15					
First	R1	W1	Residential	27.4	26.8	0.5	0.98	14.6	13.5	92%	13.2	90%	0.3	0.97	44	14	44	14					
65 Gade Close																							
Ground	R1	W1	Living Room	23.7	23.6	0.1	1.00	12.0	9.4	79%	9.3	78%	0.1	0.99	50	16	50	16					
First	R1	W1	Bedroom	27.6	27.1	0.5	0.98	8.7	7.8	89%	7.6	88%	0.1	0.99	46	14	45	14					
64 Gade Close																							
Ground	R1	W1	Residential	26.8	26.4	0.4	0.99	8.3	8.0	97%	8.0	96%	0.0	1.00	35	4	33	4					
Ground	R2	W2	Residential	26.2	25.8	0.3	0.99	1.4	1.1	80%	1.1	80%	0.0	1.00	44	15	44	15					
Ground	R3	W3	Garage	26.2	26.2	0.0	1.00	8.8	8.8	100%	8.8	100%	0.0	1.00	50	17	50	17					
First	R1	W1	Residential	28.3	27.9	0.4	0.99	8.3	8.3	99%	8.2	99%	0.0	1.00	46	14	46	14					
1-17 Clivesdale Drive																							
Ground	R1	W1	Living Room	32.6	32.4	0.3	0.99																
		W2		27.9	27.8	0.1	1.00	19.3	19.3	100%	19.3	100%	0.0	1.00	57	18	56	18					
Ground	R2	W3	Kitchen	28.8	28.7	0.1	1.00	6.5	6.2	96%	6.2	96%	0.0	1.00	N/F	N/F	N/F	N/F					
Ground	R3	W4	Stairwell	22.3	22.3	0.1	1.00	8.3	8.2	100%	8.2	100%	0.0	1.00	N/F	N/F	N/F	N/F					

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)								Annual Probable Sunlight Hours (APSH) by Room			
				Existing	Proposed	Loss	Proportion	Room	Existing NSL	Proposed NSL	Loss	Proportion	Existing APSH		Proposed APSH				
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	m ²	Retained	Total	Winter	Total	Winter	
Ground	R4	W5	Kitchen	29.7	29.7	0.0	1.00	6.5	6.5	100%	6.5	100%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R5	W6	Living Room	13.4	13.2	0.2	0.99	20.3	17.6	87%	17.6	87%	0.1	1.00	10	0	9	0	
		W7		32.5	32.4	0.1	1.00												
		W8		13.9	13.9	0.0	1.00												
Ground	R6	W9	Kitchen	33.1	33.0	0.0	1.00	7.2	7.1	99%	7.1	99%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R7	W10	Living Room	32.4	32.3	0.0	1.00	14.6	14.5	99%	14.5	99%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R8	W11	Living Room	33.1	33.1	0.0	1.00	14.6	14.5	99%	14.5	99%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R9	W12	Kitchen	34.8	34.7	0.0	1.00	7.2	7.2	100%	7.2	100%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R1	W1	Living Room	34.6	34.3	0.3	0.99	19.3	19.3	100%	19.3	100%	0.0	1.00	61	20	60	20	
		W2		17.7	17.5	0.2	0.99												
		W3		31.4	31.3	0.1	1.00												
		W4		18.7	18.7	0.0	1.00												
First	R2	W5	Kitchen	31.3	31.2	0.1	1.00	6.5	6.3	98%	6.3	98%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R3	W6	Stairwell	32.4	32.3	0.1	1.00	8.3	8.3	100%	8.3	100%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R4	W7	Kitchen	32.4	32.3	0.1	1.00	6.5	6.5	100%	6.5	100%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R5	W8	Living Room	14.5	14.4	0.2	0.99	20.3	18.7	92%	18.7	92%	0.0	1.00	10	0	10	0	
		W9		34.1	34.1	0.1	1.00												
		W10		17.3	17.3	0.0	1.00												
First	R6	W11	Kitchen	34.2	34.1	0.0	1.00	7.2	7.2	100%	7.2	100%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R7	W12	Living Room	16.1	16.0	0.1	0.99	14.6	14.4	99%	14.4	99%	0.0	1.00	12	0	12	0	
		W13		34.9	34.9	0.0	1.00												
		W14		19.5	19.5	0.0	1.00												
First	R8	W15	Living Room	14.9	14.8	0.1	0.99	14.6	14.4	99%	14.4	99%	0.0	1.00	15	0	15	0	
		W16		35.5	35.5	0.0	1.00												
		W17		23.3	23.3	0.0	1.00												
First	R9	W18	Kitchen	35.8	35.8	0.0	1.00	7.2	7.2	100%	7.2	100%	0.0	1.00	N/F	N/F	N/F	N/F	
Second	R1	W1	Living Room	36.0	35.7	0.3	0.99	20.2	20.1	100%	20.1	100%	0.0	1.00	61	20	61	20	
		W2		15.7	15.4	0.2	0.99												
		W3		33.0	32.9	0.1	1.00												
		W4		16.7	16.7	0.0	1.00												
Second	R2	W5	Kitchen	27.5	27.5	0.1	1.00	6.5	6.4	100%	6.4	100%	0.0	1.00	N/F	N/F	N/F	N/F	
Second	R3	W6	Stairwell	29.5	29.4	0.1	1.00	8.3	8.3	100%	8.3	100%	0.0	1.00	N/F	N/F	N/F	N/F	
Second	R4	W7	Kitchen	27.2	27.2	0.1	1.00	6.5	6.4	99%	6.4	99%	0.0	1.00	N/F	N/F	N/F	N/F	
Second	R5	W8	Living Room	13.2	13.1	0.2	0.99	20.3	19.2	95%	19.2	95%	0.0	1.00	14	0	13	0	
		W9		35.4	35.3	0.1	1.00												
		W10		18.7	18.7	0.0	1.00												
Minet Infant and Junior School																			
Ground	R1	W1	Class Room	36.7	36.4	0.3	0.99	57.9	57.6	99%	57.6	99%	0.0	1.00	70	23	70	23	
		W2		36.7	36.4	0.3	0.99												
		W3		36.7	36.4	0.3	0.99												
		W4		36.3	36.1	0.3	0.99												
		W5		36.7	36.4	0.3	0.99												
		W6		35.3	35.1	0.3	0.99												
		W7		34.8	34.5	0.3	0.99												
Ground	R2	W8	Class Room	36.0	35.7	0.3	0.99	58.1	57.7	99%	57.7	99%	0.0	1.00	65	20	65	20	
		W9		35.7	35.4	0.3	0.99												
		W10		34.4	34.1	0.3	0.99												
		W11		33.4	33.1	0.3	0.99												
		W12		32.5	32.2	0.3	0.99												
		W13		30.3	30.1	0.3	0.99												
		W14		30.1	29.8	0.3	0.99												
Ground	R3	W15	Class Room	36.2	35.9	0.3	0.99	57.5	57.5	100%	57.5	100%	0.0	1.00	71	24	71	24	
		W16		35.4	35.1	0.3	0.99												
		W17		35.2	34.9	0.3	0.99												
		W18		36.0	35.7	0.3	0.99												
		W19		36.0	35.7	0.3	0.99												
		W20		35.9	35.6	0.3	0.99												
		W21		35.9	35.6	0.3	0.99												
		W22		35.8	35.5	0.3	0.99												
		W23		35.8	35.5	0.3	0.99												
		W24		35.9	35.6	0.3	0.99												
Ground	R4	W25	Class Room	35.1	34.7	0.3	0.99	56.7	56.7	100%	56.7	100%	0.0	1.00	71	24	71	24	
		W26		34.9	34.6	0.3	0.99												
		W27		35.6	35.3	0.3	0.99												
		W28		35.6	35.3	0.3	0.99												
		W29		35.5	35.2	0.3	0.99												
		W30		35.5	35.2	0.3	0.99												
		W31		35.4	35.1	0.3	0.99												
		W32		35.4	35.1	0.3	0.99												

				Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room				
Address	Room	Window	Room use	Existing	Proposed	Loss	Proportion	Room	Existing NSL	%	Proposed NSL	%	Loss	Proportion	Existing APSH		Proposed APSH	
				VSC	VSC	VSC	Retained	Area	m ²		m ²		m ²		Total	Winter	Total	Winter
Ground	R5	W33	Class Room	35.6	35.2	0.3	0.99		56.9	100%	56.9	100%	0.0	1.00	71	24	71	24
		W34		34.6	34.3	0.3	0.99											
		W35		34.4	34.1	0.3	0.99											
		W36		35.1	34.8	0.3	0.99											
		W37		35.1	34.8	0.3	0.99											
		W38		34.9	34.6	0.3	0.99											
		W39		34.9	34.6	0.3	0.99											
		W40		34.8	34.4	0.3	0.99											
		W41		34.7	34.4	0.3	0.99											
		Ground		R6	W42	Class Room	34.9											
W43	33.7		33.3		0.3		0.99											
W44	33.1		32.7		0.3		0.99											
W45	34.0		33.7		0.3		0.99											
W46	33.9		33.6		0.3		0.99											
W47	32.9		32.6		0.3		0.99											
W48	32.0		31.7		0.3		0.99											
W49	28.6		28.4		0.2		0.99											
W50	23.2		23.0		0.1		0.99											
Ground	R7		W51		Staff Area		27.1	27.1	0.0	1.00	103.5	81.7	79%	81.7	79%	0.0	1.00	80
		W52	33.0	32.6		0.4	0.99											
		W53	33.3	33.0		0.4	0.99											
		W54	33.1	32.7		0.4	0.99											
		W136	63.0	63.0		0.1	1.00											
		W133	75.9	75.7		0.2	1.00											
		W134	62.3	62.2		0.1	1.00											
		W137	75.9	75.8		0.1	1.00											
		W138	62.2	62.2		0.1	1.00											
		W139	47.7	47.7		0.0	1.00											
		W135	47.6	47.6		0.0	1.00											
		W129	75.9	75.7		0.2	1.00											
		W128	63.0	63.0		0.1	1.00											
		W55	25.9	25.9		0.0	1.00											
		W132	63.0	63.0		0.1	1.00											
		W130	62.1	62.0		0.1	1.00											
		W131	47.4	47.4		0.0	1.00											
Ground	R8	W61	Class Room	31.8	31.5	0.3	0.99	57.8	100%	57.8	100%	0.0	1.00	89	24	89	24	
		W60		31.5	31.2	0.3	0.99											
		W63		33.3	33.3	0.0	1.00											
		W62		32.4	32.2	0.2	0.99											
		W57		25.5	25.3	0.3	0.99											
		W56		20.0	19.8	0.2	0.99											
		W59		30.1	29.8	0.3	0.99											
		W58		29.0	28.7	0.3	0.99											
Ground	R9	W68	Commercial	32.5	32.5	0.0	1.00	19.5	100%	19.5	100%	0.0	1.00	67	24	67	24	
		W69		31.3	31.3	0.0	1.00											
		W70		31.1	31.1	0.0	1.00											
		W67		32.6	32.6	0.0	1.00											
		W64		33.5	33.5	0.0	1.00											
		W65		33.1	33.1	0.0	1.00											
		W66		33.2	33.2	0.0	1.00											
		Ground		R10	W86	Circulation	86.3											86.3
W87	86.9		86.9		0.0		1.00											
W85	90.9		90.9		0.0		1.00											
W83	88.4		88.4		0.0		1.00											
W84	92.5		92.5		0.0		1.00											
W71	18.7		18.7		0.0		1.00											
W72	22.9		22.9		0.0		1.00											
W90	81.2		81.2		0.0		1.00											
W88	92.8		92.8		0.0		1.00											
W89	89.2		89.2		0.0		1.00											
W76	16.3		16.3		0.0		1.00											
W77	10.1		10.1		0.0		1.00											
W75	21.0		21.0		0.0		1.00											
W73	24.3		24.3		0.0		1.00											
W74	23.5		23.5		0.0		1.00											
W81	92.8		92.8		0.0		1.00											
W82	88.6		88.6		0.0		1.00											
W80	90.2		90.2		0.0		1.00											
W78	6.4		6.4		0.0		1.00											
W79	84.8	84.8	0.0	1.00														
Ground	R11	W97	Office	92.1	92.0	0.0	1.00	10.4	10.4	100%	10.4	100%	0.0	1.00	86	27	86	27
		W96		84.6	84.6	0.0	1.00											
		W99		27.9	27.9	0.1	1.00											
		W98		85.6	85.6	0.0	1.00											
		W95		66.0	66.0	0.0	1.00											
		W92		84.7	84.7	0.0	1.00											
		W91		65.1	65.1	0.0	1.00											
		W94		83.7	83.7	0.0	1.00											
		W93		92.1	92.0	0.0	1.00											
Ground	R12	W101	Class Room	33.5	33.5	0.0	1.00	30.0	29.8	99%	29.8	99%	0.0	1.00	N/F	N/F	N/F	N/F
		W100		32.3	32.3	0.0	1.00											
Ground	R13	W105	Class Room	30.7	30.6	0.1	1.00	31.4	31.2	99%	31.2	99%	0.0	1.00	52	13	52	13
		W106		31.6	31.6	0.1	1.00											
		W104		31.1	31.0	0.1	1.00											
		W102		32.2	32.1	0.1	1.00											
		W103		32.3	32.2	0.0	1.00											

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room				
				Existing	Proposed	Loss	Proportion	Room	Existing NSL	Proposed NSL	Loss	Proportion	Existing APSH		Proposed APSH			
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	m ²	Retained	Total	Winter	Total	Winter
Ground	R14	W112	Class Room	2.1	2.1	0.0	1.00	63.1	62.4	99%	62.4	99%	0.0	1.00	95	27	95	27
		W111	2.0	2.0	0.0	1.00												
		W143	32.7	32.7	0.0	1.00												
		W113	98.4	98.4	0.0	1.00												
		W108	0.7	0.7	0.0	1.00												
		W107	0.0	0.0	0.0	0.00												
		W110	1.5	1.5	0.0	0.99												
		W109	3.9	3.9	0.0	1.00												
Ground	R15	W119	Class Room	1.2	1.2	0.0	1.00	62.4	62.2	100%	62.2	100%	0.0	1.00	96	27	96	27
		W118	1.4	1.4	0.0	1.00												
		W142	33.4	33.4	0.0	1.00												
		W120	98.4	98.4	0.0	1.00												
		W115	3.1	3.1	0.0	1.00												
		W114	0.0	0.0	0.0	0.00												
		W117	1.7	1.7	0.0	1.00												
		W116	9.3	9.3	0.0	1.00												
Ground	R16	W127	Class Room	37.5	37.5	0.0	1.00	63.8	62.0	97%	62.0	97%	0.0	1.00	84	28	84	28
		W126	0.0	0.0	0.0	0.00												
		W141	33.8	33.8	0.0	1.00												
		W140	34.2	34.2	0.0	1.00												
		W125	8.5	8.5	0.0	1.00												
		W122	0.6	0.6	0.0	1.00												
		W121	1.1	1.1	0.0	1.00												
		W124	12.0	12.0	0.0	1.00												
First	R1	W1	Class Room	37.4	37.1	0.3	0.99	57.9	57.7	100%	57.7	100%	0.0	1.00	100	30	100	30
		W2	37.4	37.1	0.3	0.99												
		W3	37.3	37.1	0.3	0.99												
		W4	37.3	37.1	0.3	0.99												
		W5	94.9	94.9	0.0	1.00												
		W6	96.2	96.2	0.0	1.00												
		W7	96.6	96.5	0.0	1.00												
		W8	96.1	96.1	0.0	1.00												
		W9	96.1	96.1	0.0	1.00												
		W10	96.5	96.5	0.0	1.00												
		W11	96.6	96.6	0.0	1.00												
		W12	96.8	96.8	0.0	1.00												
First	R2	W13	Class Room	37.0	36.8	0.3	0.99	58.1	57.9	100%	57.9	100%	0.0	1.00	98	28	98	28
		W14	36.9	36.6	0.3	0.99												
		W15	36.1	35.9	0.3	0.99												
		W16	34.5	34.2	0.3	0.99												
		W17	96.5	96.4	0.1	1.00												
		W18	96.1	96.0	0.0	1.00												
		W19	97.0	97.0	0.0	1.00												
		W20	96.6	96.6	0.0	1.00												
		W21	94.4	94.4	0.0	1.00												
		W22	89.3	89.3	0.0	1.00												
		W23	94.8	94.8	0.0	1.00												
		W24	96.6	96.6	0.0	1.00												
First	R3	W25	Class Room	36.4	36.1	0.3	0.99	57.3	57.3	100%	57.3	100%	0.0	1.00	99	29	99	29
		W26	36.4	36.1	0.3	0.99												
		W27	36.2	35.9	0.3	0.99												
		W28	36.3	36.0	0.3	0.99												
		W29	36.2	35.9	0.3	0.99												
		W30	36.2	35.9	0.3	0.99												
		W31	36.1	35.8	0.3	0.99												
		W32	94.7	94.6	0.1	1.00												
		W33	96.9	96.8	0.1	1.00												
		W34	95.4	95.4	0.0	1.00												
		W35	90.3	90.3	0.0	1.00												
		W36	95.8	95.8	0.0	1.00												
		W37	96.7	96.6	0.1	1.00												
		W38	96.9	96.9	0.1	1.00												
		W39	97.3	97.3	0.0	1.00												
		W40	96.6	96.6	0.0	1.00												
First	R4	W44	Class Room	36.1	35.8	0.3	0.99	56.4	56.4	100%	56.4	100%	0.0	1.00	99	29	99	29
		W45	36.1	35.8	0.3	0.99												
		W46	36.0	35.7	0.3	0.99												
		W47	36.0	35.7	0.3	0.99												
		W48	35.9	35.6	0.3	0.99												
		W49	36.0	35.7	0.3	0.99												
		W50	35.9	35.5	0.3	0.99												
		W51	97.0	97.0	0.0	1.00												
		W52	97.0	96.9	0.1	1.00												
		W53	96.9	96.8	0.1	1.00												
		W54	97.7	97.7	0.0	1.00												
		W60	97.0	96.9	0.1	1.00												

				Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room				
Address	Room	Window	Room use	Existing	Proposed	Loss	Proportion	Room	Existing NSL	Proposed NSL	Loss	Proportion	Existing APSH		Proposed APSH			
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	m ²	Retained	Total	Winter	Total	Winter
First	R5	W75	Class Room	96.9	96.8	0.1	1.00	56.5	56.5	100%	56.5	100%	0.0	1.00	99	29	99	29
				96.8	96.8	0.1	1.00											
				97.7	97.7	0.0	1.00											
				97.2	97.2	0.0	1.00											
				97.7	97.7	0.0	1.00											
				96.9	96.8	0.1	1.00											
				97.7	97.7	0.0	1.00											
				97.2	97.2	0.0	1.00											
				96.9	96.8	0.1	1.00											
				96.9	96.8	0.1	1.00											
				35.7	35.4	0.3	0.99											
				35.8	35.5	0.3	0.99											
				35.8	35.5	0.3	0.99											
				35.8	35.5	0.3	0.99											
				35.6	35.3	0.3	0.99											
				97.2	97.2	0.0	1.00											
				97.0	96.8	0.1	1.00											
				35.7	35.4	0.3	0.99											
				35.5	35.2	0.3	0.99											
First	R6	W94	Class Room	96.8	96.7	0.1	1.00	56.5	56.5	100%	56.5	100%	0.0	1.00	99	29	99	29
				96.8	96.7	0.1	1.00											
				97.7	97.7	0.0	1.00											
				97.2	97.2	0.0	1.00											
				97.7	97.7	0.0	1.00											
				96.8	96.8	0.0	1.00											
				97.7	97.7	0.0	1.00											
				97.2	97.2	0.0	1.00											
				96.8	96.7	0.1	1.00											
				96.8	96.8	0.0	1.00											
				35.4	35.0	0.3	0.99											
				35.4	35.1	0.3	0.99											
				35.5	35.1	0.3	0.99											
				35.5	35.2	0.3	0.99											
				35.3	34.9	0.3	0.99											
				97.2	97.2	0.0	1.00											
				96.9	96.8	0.1	1.00											
				35.3	35.0	0.3	0.99											
				35.1	34.8	0.3	0.99											
First	R7	W113	Class Room	96.8	96.7	0.1	1.00	57.8	57.8	100%	57.8	100%	0.0	1.00	99	29	99	29
				96.8	96.7	0.0	1.00											
				97.7	97.7	0.0	1.00											
				97.2	97.2	0.0	1.00											
				97.7	97.7	0.0	1.00											
				96.8	96.7	0.0	1.00											
				97.7	97.7	0.0	1.00											
				97.2	97.2	0.0	1.00											
				96.7	96.6	0.1	1.00											
				96.8	96.7	0.0	1.00											
				35.0	34.7	0.3	0.99											
				35.0	34.7	0.3	0.99											
				35.1	34.8	0.3	0.99											
				35.1	34.8	0.3	0.99											
				34.9	34.6	0.3	0.99											
				97.2	97.2	0.0	1.00											
				96.8	96.7	0.1	1.00											
				34.9	34.6	0.3	0.99											
				34.8	34.5	0.3	0.99											
First	R8	W132	Class Room	96.7	96.6	0.1	1.00	57.6	57.6	100%	57.6	100%	0.0	1.00	99	29	99	29
				96.7	96.7	0.0	1.00											
				97.7	97.7	0.0	1.00											
				97.2	97.2	0.0	1.00											
				97.7	97.7	0.0	1.00											
				96.8	96.8	0.0	1.00											
				97.7	97.7	0.0	1.00											
				97.2	97.1	0.0	1.00											
				96.6	96.6	0.1	1.00											
				96.7	96.7	0.0	1.00											
				34.6	34.3	0.3	0.99											
				34.6	34.3	0.3	0.99											
				34.7	34.4	0.3	0.99											
				34.7	34.4	0.3	0.99											
				34.5	34.2	0.3	0.99											
				97.2	97.2	0.0	1.00											
				96.7	96.6	0.1	1.00											
				34.5	34.2	0.2	0.99											
				34.4	34.2	0.2	0.99											
First	R9	W143	Commercial	35.7	35.7	0.0	1.00	19.5	19.5	100%	19.5	100%	0.0	1.00	70	26	70	26
				35.7	35.7	0.0	1.00											
				35.8	35.8	0.0	1.00											
				35.9	35.9	0.0	1.00											
				36.0	36.0	0.0	1.00											
				36.1	36.1	0.0	1.00											
				35.9	35.9	0.0	1.00											
				35.9	35.9	0.0	1.00											
Proposed Phase 1A																		
Ground	R1	W1	Kitchen	22.6	21.2	1.4	0.94	20.9	20.3	97%	20.3	97%	0.0	1.00	63	27	63	27
		W2		33.6	33.6	0.0	1.00											

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)								Annual Probable Sunlight Hours (APSH) by Room			
				Existing	Proposed	Loss	Proportion	Room	Existing NSL	Proposed NSL	Loss	Proportion	Existing APSH		Proposed APSH				
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	m ²	Retained	Total	Winter	Total	Winter	
Ground	R2	W3	LKD	31.5	31.5	0.0	1.00	26.8	25.9	97%	25.9	97%	0.0	1.00	47	21	47	21	
Ground	R3	W4	Kitchen	34.5	34.5	0.0	1.00	20.6	18.7	91%	18.7	91%	0.0	1.00	41	21	41	21	
Ground	R4	W5	Living Room	35.1	35.1	0.0	1.00	23.3	23.1	99%	23.1	99%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R5	W6	Bedroom	37.0	37.0	0.0	1.00	11.9	11.1	94%	11.1	94%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R6	W7	Bedroom	36.9	36.9	0.0	1.00	11.9	11.4	96%	11.4	96%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R7	W8	Bedroom	37.0	37.0	0.0	1.00	7.9	7.8	98%	7.8	98%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R8	W9	Kitchen	36.6	36.6	0.0	1.00	8.0	7.7	96%	7.7	96%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R9	W10 W11	Living Room	36.4 21.5	36.4 21.5	0.0 0.0	1.00 1.00	19.7	19.5	99%	19.5	99%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R10	W12	Bedroom	33.2	33.2	0.0	1.00	13.3	12.6	94%	12.6	94%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R11	W13	Bedroom	37.1	37.1	0.0	1.00	8.9	8.6	97%	8.6	97%	0.0	1.00	N/F	N/F	N/F	N/F	
Ground	R12	W14 W15 W16	LKD	37.6 6.8 15.2	37.6 6.8 14.2	0.0 0.0 1.0	1.00 1.00 0.94	27.7	27.6	100%	27.6	100%	0.0	1.00	14	2	11	2	
Ground	R13	W17	Living Room	21.7	21.3	0.4	0.98	19.8	15.9	80%	15.8	80%	0.1	1.00	N/F	N/F	N/F	N/F	
First	R1	W1 W2	Bedroom	24.5 24.8	23.0 24.8	1.5 0.0	0.94 1.00	15.2	14.9	98%	14.9	98%	0.0	1.00	51	29	50	28	
First	R2	W3	Bedroom	21.1	21.1	0.0	1.00	7.5	7.4	99%	7.4	99%	0.0	1.00	25	16	25	16	
First	R3	W4	Bedroom	34.1	34.1	0.0	1.00	13.6	13.2	97%	13.2	97%	0.0	1.00	49	22	49	22	
First	R4	W5	LKD	23.4	23.4	0.0	1.00	23.6	23.5	100%	23.5	100%	0.0	1.00	32	24	32	24	
First	R5	W6	Bedroom	33.3	33.3	0.0	1.00	15.2	14.9	98%	14.9	98%	0.0	1.00	49	23	49	23	
First	R6	W7	Bedroom	23.3	23.3	0.0	1.00	14.6	14.5	99%	14.5	99%	0.0	1.00	32	24	32	24	
First	R7	W8	Bedroom	31.7	31.7	0.0	1.00	8.1	8.0	98%	8.0	98%	0.0	1.00	42	18	42	18	
First	R8	W9 W10	Bedroom	36.1 18.6	36.1 18.6	0.0 0.0	1.00 1.00	16.7	16.5	99%	16.5	99%	0.0	1.00	62	22	62	22	
First	R9	W11	Bedroom	36.4	36.4	0.0	1.00	11.9	11.2	94%	11.2	94%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R10	W12	Bedroom	38.4	38.4	0.0	1.00	11.9	11.4	96%	11.4	96%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R11	W13	Bedroom	38.7	38.7	0.0	1.00	11.9	11.1	93%	11.1	93%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R12	W14	Bedroom	38.6	38.6	0.0	1.00	11.9	11.4	96%	11.4	96%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R13	W15	Bedroom	38.6	38.6	0.0	1.00	7.9	7.7	98%	7.7	98%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R14	W16	Kitchen	38.4	38.4	0.0	1.00	8.0	7.6	96%	7.6	96%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R15	W17 W18	Living Room	38.3 22.7	38.3 22.7	0.0 0.0	1.00 1.00	19.7	19.5	99%	19.5	99%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R16	W19	Bedroom	34.2	34.2	0.0	1.00	12.7	12.2	96%	12.2	96%	0.0	1.00	N/F	N/F	N/F	N/F	
First	R17	W20 W21	LKD	38.1 12.3	38.1 11.2	0.0 1.1	1.00 0.91	25.2	23.5	93%	23.5	93%	0.0	1.00	7	1	7	1	
First	R18	W22	Bedroom	17.7	16.5	1.2	0.93	12.7	6.1	48%	5.8	46%	0.3	0.95	17	1	16	1	
First	R19	W23	LKD	8.0	6.7	1.3	0.84	27.9	12.0	43%	11.9	43%	0.1	0.99	3	0	3	0	
First	R20	W24	Bedroom	12.4	11.3	1.1	0.91	15.4	4.2	27%	3.8	25%	0.4	0.90	7	0	6	0	
First	R21	W25	Bedroom	13.0	12.0	1.0	0.93	15.2	4.1	27%	3.6	24%	0.5	0.89	3	0	2	0	
First	R22	W26	Bedroom	23.6	23.0	0.6	0.98	12.2	10.3	85%	10.2	84%	0.1	0.99	N/F	N/F	N/F	N/F	
First	R23	W27	Bedroom	20.1	18.0	2.1	0.90	12.2	5.1	42%	4.9	41%	0.2	0.96	19	7	17	7	
Second	R1	W1 W2	LKD	26.9 23.8	25.2 23.8	1.6 0.0	0.94 1.00	30.8	30.2	98%	30.2	98%	0.0	1.00	54	29	53	29	
Second	R2	W3	Bedroom	35.7	35.7	0.0	1.00	13.6	13.2	97%	13.2	97%	0.0	1.00	51	24	51	24	
Second	R3	W4	LKD	24.9	24.9	0.0	1.00	23.6	23.5	100%	23.5	100%	0.0	1.00	34	26	34	26	
Second	R4	W5	Bedroom	34.9	34.9	0.0	1.00	13.6	13.2	97%	13.2	97%	0.0	1.00	50	24	50	24	
Second	R5	W6	LKD	24.9	24.9	0.0	1.00	23.6	23.5	100%	23.5	100%	0.0	1.00	34	26	34	26	
Second	R6	W7 W8	LKD	37.0 24.4	37.0 24.4	0.0 0.0	1.00 1.00	27.9	27.9	100%	27.9	100%	0.0	1.00	67	24	67	24	
Second	R7	W9	Bedroom	37.2	37.2	0.0	1.00	11.7	11.1	95%	11.1	95%	0.0	1.00	N/F	N/F	N/F	N/F	
Second	R8	W10	Bedroom	39.1	39.1	0.0	1.00	12.5	12.0	96%	12.0	96%	0.0	1.00	N/F	N/F	N/F	N/F	

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)						Annual Probable Sunlight Hours (APSH) by Room				
				Existing	Proposed	Loss	Proportion	Room	Existing NSL	Proposed NSL	Loss	Proportion	Existing APSH		Proposed APSH			
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	m ²	Retained	Total	Winter	Total	Winter
Second	R9	W11	Bedroom	39.3	39.3	0.0	1.00	11.9	11.1	93%	11.1	93%	0.0	1.00	N/F	N/F	N/F	N/F
Second	R10	W12	Bedroom	39.3	39.3	0.0	1.00	11.9	11.4	96%	11.4	96%	0.0	1.00	N/F	N/F	N/F	N/F
Second	R11	W13	Bedroom	39.3	39.3	0.0	1.00	7.9	7.7	98%	7.7	98%	0.0	1.00	N/F	N/F	N/F	N/F
Second	R12	W14	Kitchen	39.3	39.3	0.0	1.00	8.0	7.6	96%	7.6	96%	0.0	1.00	N/F	N/F	N/F	N/F
Second	R13	W15 W16	Living Room	39.3 23.6	39.3 23.6	0.0 0.0	1.00 1.00	19.7	19.5	99%	19.5	99%	0.0	1.00	N/F	N/F	N/F	N/F
Second	R14	W17	Bedroom	35.0	35.0	0.0	1.00	12.7	12.2	96%	12.2	96%	0.0	1.00	N/F	N/F	N/F	N/F
Second	R15	W18 W19	LKD	38.9 14.4	38.9 13.1	0.0 1.3	1.00 0.91	25.2	23.5	93%	23.5	93%	0.0	1.00	12	1	9	1
Second	R16	W20	Bedroom	20.1	18.6	1.5	0.93	12.7	7.1	56%	6.4	51%	0.6	0.91	23	1	20	1
Second	R17	W21	LKD	10.3	8.7	1.5	0.85	27.9	12.1	43%	11.9	43%	0.2	0.98	9	0	5	0
Second	R18	W22	Bedroom	15.3	13.9	1.4	0.91	15.4	5.4	35%	4.6	30%	0.8	0.85	14	0	11	0
Second	R19	W23	Bedroom	15.1	14.0	1.1	0.93	15.2	5.3	35%	4.4	29%	0.9	0.83	8	0	5	0
Second	R20	W24	Bedroom	25.9	25.2	0.7	0.97	13.7	8.5	62%	8.3	60%	0.2	0.98	N/F	N/F	N/F	N/F
Second	R21	W25	Bedroom	22.6	20.3	2.3	0.90	12.3	7.8	64%	7.5	61%	0.3	0.96	20	8	20	8
Third	R1	W1 W2	LKD	29.3 24.3	27.5 24.3	1.8 0.0	0.94 1.00	30.8	30.2	98%	30.2	98%	0.1	1.00	54	29	54	29
Third	R2	W3	Bedroom	37.4	37.4	0.0	1.00	13.6	13.2	97%	13.2	97%	0.0	1.00	51	24	51	24
Third	R3	W4	LKD	25.7	25.7	0.0	1.00	23.6	23.5	100%	23.5	100%	0.0	1.00	34	26	34	26
Third	R4	W5	Bedroom	36.9	36.9	0.0	1.00	13.6	13.2	97%	13.2	97%	0.0	1.00	50	24	50	24
Third	R5	W6	LKD	25.8	25.8	0.0	1.00	23.6	23.5	100%	23.5	100%	0.0	1.00	34	26	34	26
Third	R6	W7 W8	LKD	38.4 24.6	38.4 24.6	0.0 0.0	1.00 1.00	27.9	27.9	100%	27.9	100%	0.0	1.00	67	24	67	24
Third	R7	W9	Bedroom	38.0	38.0	0.0	1.00	11.7	11.1	95%	11.1	95%	0.0	1.00	N/F	N/F	N/F	N/F
Third	R8	W10	Bedroom	39.4	39.4	0.0	1.00	12.5	12.0	96%	12.0	96%	0.0	1.00	N/F	N/F	N/F	N/F
Third	R9	W11	Bedroom	39.4	39.4	0.0	1.00	11.9	11.1	93%	11.1	93%	0.0	1.00	N/F	N/F	N/F	N/F
Third	R10	W12	Bedroom	39.5	39.5	0.0	1.00	11.9	11.4	96%	11.4	96%	0.0	1.00	N/F	N/F	N/F	N/F
Third	R11	W13	Bedroom	39.4	39.4	0.0	1.00	7.9	7.7	98%	7.7	98%	0.0	1.00	N/F	N/F	N/F	N/F
Third	R12	W14	Kitchen	39.4	39.4	0.0	1.00	8.0	7.6	96%	7.6	96%	0.0	1.00	N/F	N/F	N/F	N/F
Third	R13	W15 W16	Living Room	39.4 23.7	39.4 23.7	0.0 0.0	1.00 1.00	19.7	19.5	99%	19.5	99%	0.0	1.00	N/F	N/F	N/F	N/F
Third	R14	W17	Bedroom	36.0	36.0	0.0	1.00	12.7	12.2	96%	12.2	96%	0.0	1.00	N/F	N/F	N/F	N/F
Third	R15	W18 W19	LKD	39.2 17.0	39.2 15.5	0.0 1.5	1.00 0.91	25.2	23.8	95%	23.5	93%	0.3	0.99	18	3	16	2
Third	R16	W20	Bedroom	24.2	22.5	1.7	0.93	12.7	9.2	73%	7.6	60%	1.6	0.83	28	2	26	1
Third	R17	W21	LKD	13.2	11.5	1.7	0.87	27.9	13.8	50%	12.3	44%	1.5	0.89	14	1	12	0
Third	R18	W22	Bedroom	19.9	18.4	1.6	0.92	15.4	7.9	51%	6.1	40%	1.7	0.78	20	0	19	0
Third	R19	W23	Bedroom	18.2	16.9	1.3	0.93	15.2	7.8	51%	6.0	40%	1.8	0.77	12	0	11	0
Third	R20	W24	Bedroom	29.1	28.2	0.9	0.97	13.7	9.8	71%	9.4	68%	0.4	0.96	N/F	N/F	N/F	N/F
Third	R21	W25	Bedroom	25.6	23.0	2.7	0.90	12.3	8.4	68%	8.0	65%	0.5	0.95	20	8	20	8
Fourth	R1	W1 W2	LKD	32.2 39.5	30.1 39.5	2.2 0.0	0.93 1.00	30.8	30.4	99%	30.3	98%	0.1	1.00	83	30	81	30
Fourth	R2	W3	Bedroom	39.5	39.5	0.0	1.00	13.6	13.2	97%	13.2	97%	0.0	1.00	51	24	51	24
Fourth	R3	W4	LKD	39.5	39.5	0.0	1.00	23.6	23.5	100%	23.5	100%	0.0	1.00	65	27	65	27
Fourth	R4	W5	Bedroom	39.5	39.5	0.0	1.00	13.6	13.2	97%	13.2	97%	0.0	1.00	51	24	51	24
Fourth	R5	W6	LKD	39.5	39.5	0.0	1.00	23.6	23.5	100%	23.5	100%	0.0	1.00	65	27	65	27
Fourth	R6	W7 W8	LKD	39.5 39.5	39.5 39.5	0.0 0.0	1.00 1.00	27.9	27.9	100%	27.9	100%	0.0	1.00	67	24	67	24
Fourth	R7	W9	Bedroom	39.5	39.5	0.0	1.00	11.7	11.1	95%	11.1	95%	0.0	1.00	N/F	N/F	N/F	N/F
Fourth	R8	W10	Bedroom	39.5	39.5	0.0	1.00	12.5	12.0	96%	12.0	96%	0.0	1.00	N/F	N/F	N/F	N/F
Fourth	R9	W11	Bedroom	39.5	39.5	0.0	1.00	11.9	11.1	93%	11.1	93%	0.0	1.00	N/F	N/F	N/F	N/F

Address	Room	Window	Room use	Vertical Sky Component (VSC)				No-Sky Line (NSL)								Annual Probable Sunlight Hours (APSH) by Room			
				Existing	Proposed	Loss	Proportion	Room	Existing	NSL	Proposed	NSL	Loss	Proportion	Existing APSH		Proposed APSH		
				VSC	VSC	VSC	Retained	Area	m ²	%	m ²	%	m ²	Retained	Total	Winter	Total	Winter	
Fourth	R10	W12	Bedroom	39.5	39.5	0.0	1.00	11.9	11.4	96%	11.4	96%	0.0	1.00	N/F	N/F	N/F	N/F	
Fourth	R11	W13	Bedroom	39.4	39.4	0.0	1.00	7.9	7.7	98%	7.7	98%	0.0	1.00	N/F	N/F	N/F	N/F	
Fourth	R12	W14	Kitchen	39.4	39.4	0.0	1.00	8.0	7.6	96%	7.6	96%	0.0	1.00	N/F	N/F	N/F	N/F	
Fourth	R13	W15 W16	Living Room	39.4	39.4	0.0	1.00	19.7	19.5	99%	19.5	99%	0.0	1.00	N/F	N/F	N/F	N/F	
				39.4	39.4	0.0	1.00												
Fourth	R14	W17	Bedroom	39.4	39.4	0.0	1.00	12.7	12.2	96%	12.2	96%	0.0	1.00	N/F	N/F	N/F	N/F	
Fourth	R15	W18 W19	LKD	39.4	39.4	0.0	1.00	25.2	25.0	99%	24.7	98%	0.3	0.99	44	12	42	11	
				34.2	32.6	1.6	0.95												
Fourth	R16	W20	Bedroom	33.5	31.8	1.8	0.95	12.7	12.4	98%	10.8	85%	1.7	0.87	36	7	33	6	
Fourth	R17	W21	LKD	31.6	29.8	1.9	0.94	27.9	20.8	74%	16.4	59%	4.4	0.79	39	8	36	7	
Fourth	R18	W22	Bedroom	29.3	27.6	1.7	0.94	15.4	12.9	84%	9.3	61%	3.6	0.72	31	3	27	3	
Fourth	R19	W23	Bedroom	23.1	21.7	1.4	0.94	15.2	13.1	86%	9.2	61%	3.9	0.71	23	0	19	0	
Fourth	R20	W24	Bedroom	33.1	32.1	1.0	0.97	13.7	11.1	81%	10.3	75%	0.8	0.93	N/F	N/F	N/F	N/F	
Fourth	R21	W25	Bedroom	29.7	26.4	3.2	0.89	12.3	9.8	79%	8.7	71%	1.0	0.89	27	8	22	8	



Appendix 3

Results of the daylight and sunlight assessments
within the proposed dwellings

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
Block B	Flat1	Ground	R1	W1	Bedroom	100	100%	148	1.5	0.0	N/F
			R2	W2 W3 W4	LKD	150	100%	319	1.5	0.1	N/F N/F N/F
			R3	W5	Bedroom	100	100%	276	1.5	0.0	N/F
	Flat1	First	R1	W1	Bedroom	100	100%	220	1.5	3.3	
			R2	W2	Kitchen	200	96%	257	1.5	4.9	
			R3	W3 W4	Living Room	150	100%	506	1.5	5.3	N/F
			R4	W5	Bedroom	100	79%	120	1.5	0.3	N/F
			R5	W6	Bedroom	100	75%	119	1.5	0.0	N/F
	Flat2	First	R6	W7	Bedroom	100	74%	137	1.5	0.0	N/F
			R7	W8	Bedroom	100	100%	251	1.5	0.0	N/F
			R8	W9 W10 W11	LKD	150	100%	494	1.5	0.4	N/F N/F N/F
	Flat3	First	R9	W12	Bedroom	100	100%	323	1.5	0.0	N/F
			R10	W13 W14	LKD	150	100%	298	1.5	1.3	N/F
	Flat4	First	R11	W15	LKD	150	51%	152	1.5	0.1	
			R12	W16	Bedroom	100	100%	149	1.5	0.1	
			R13	W17	Bedroom	100	43%	90	1.5	0.2	
	Flat5	First	R14	W18	Bedroom	100	51%	101	1.5	0.9	
			R15	W19	LKD	150	4%	51	1.5	0.0	
	Flat1	Second	R1	W1 W2 W3	LKD	150	100%	513	1.5	5.5	N/F
			R2	W4	Bedroom	100	96%	154	1.5	0.3	N/F
			R3	W5	Bedroom	100	100%	166	1.5	0.1	N/F
	Flat2	Second	R4	W6	Bedroom	100	94%	188	1.5	0.1	N/F
			R5	W7	Bedroom	100	100%	311	1.5	0.1	N/F
			R6	W8 W9 W10	LKD	150	100%	543	1.5	1.9	N/F N/F N/F
	Flat3	Second	R7	W11	Bedroom	100	100%	347	1.5	0.0	N/F
			R8	W12 W13	LKD	150	100%	322	1.5	0.6	N/F
	Flat4	Second	R9	W14	Bedroom	100	79%	144	1.5	1.4	
			R10	W15	LKD	150	53%	159	1.5	0.7	
	Flat5	Second	R11	W16	LKD	150	51%	157	1.5	1.3	
			R12	W17	Bedroom	100	67%	122	1.5	0.5	

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
	Flat6	Second	R13	W18 W19 W20	LKD	150	100%	348	1.5	6.1	
			R14	W21	Bedroom	100	100%	358	1.5	6.4	
			R15	W22	Bedroom	100	100%	242	1.5	4.9	
	Flat1	Third	R1	W1 W2 W3	LKD	150	100%	568	1.5	5.5	
			R2	W4	Bedroom	100	100%	216	1.5	0.8	N/F
			R3	W5	Bedroom	100	100%	222	1.5	0.8	N/F
	Flat2	Third	R4	W6	Bedroom	100	100%	242	1.5	0.8	N/F
			R5	W7	Bedroom	100	100%	360	1.5	1.5	N/F
			R6	W8 W9 W10	LKD	150	100%	583	1.5	2.4	N/F N/F N/F
	Flat3	Third	R7	W11	Bedroom	100	100%	352	1.5	0.0	N/F
			R8	W12 W13	LKD	150	100%	343	1.5	1.1	N/F
	Flat4	Third	R9	W14	Bedroom	100	87%	162	1.5	2.1	
			R10	W15	LKD	150	62%	181	1.5	1.4	
	Flat5	Third	R11	W16	LKD	150	63%	182	1.5	2.0	
			R12	W17	Bedroom	100	86%	145	1.5	1.0	
	Flat6	Third	R13	W18 W19 W20	LKD	150	100%	438	1.5	6.1	
			R14	W21	Bedroom	100	100%	429	1.5	6.4	
			R15	W22	Bedroom	100	100%	453	1.5	6.4	
	Flat1	Fourth	R1	W1 W2 W3	LKD	150	100%	656	1.5	5.5	
			R2	W4	Bedroom	100	100%	301	1.5	1.5	N/F
			R3	W5	Bedroom	100	100%	293	1.5	1.5	N/F
	Flat2	Fourth	R4	W6	Bedroom	100	100%	292	1.5	1.5	N/F
			R5	W7	Bedroom	100	100%	420	1.5	1.5	N/F
			R6	W8 W9 W10	LKD	150	100%	624	1.5	2.4	N/F N/F N/F
	Flat3	Fourth	R7	W11	Bedroom	100	100%	355	1.5	0.0	N/F
			R8	W12 W13	LKD	150	100%	383	1.5	1.8	N/F
	Flat4	Fourth	R9	W14	Bedroom	100	97%	198	1.5	2.7	
			R10	W15	LKD	150	83%	235	1.5	2.3	

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
B1 DP1	Flat5	Fourth	R11	W16	LKD	150	83%	234	1.5	2.9	
			R12	W17	Bedroom	100	94%	195	1.5	1.9	
	Flat6	Fourth	R13	W18 W19 W20	LKD	150	100%	515	1.5	6.7	
			R14	W21	Bedroom	100	100%	442	1.5	6.4	
			R15	W22	Bedroom	100	100%	459	1.5	6.4	
	Flat1	Fifth	R1	W1 W2	LKD	150	100%	528	1.5	7.5	N/F
			R2	W3	Bedroom	100	100%	347	1.5	1.5	N/F
			R3	W4	Bedroom	100	100%	332	1.5	1.5	N/F
	Flat2	Fifth	R4	W5	Bedroom	100	100%	317	1.5	1.5	N/F
			R5	W6	Bedroom	100	100%	457	1.5	1.5	N/F
			R6	W7 W8 W9	LKD	150	100%	695	1.5	2.4	N/F N/F N/F
	Flat3	Fifth	R7	W10	Bedroom	100	100%	358	1.5	0.0	N/F
			R8	W11 W12	LKD	150	100%	499	1.5	4.4	N/F
	Flat4	Fifth	R9	W13	Bedroom	100	100%	258	1.5	3.5	
			R10	W14	LKD	150	100%	378	1.5	4.5	
	Flat5	Fifth	R11	W15	LKD	150	100%	377	1.5	4.6	
			R12	W16	Bedroom	100	100%	264	1.5	3.9	
	Flat6	Fifth	R13	W17 W18 W19	LKD	150	100%	597	1.5	8.4	
			R14	W20	Bedroom	100	100%	394	1.5	6.4	
			R15	W21	Bedroom	100	100%	415	1.5	6.4	
B1 DP1	Ground	Ground	R1	W1	LKD	150	76%	353	1.5	7.4	
			R2	W2	Bedroom	100	79%	170	1.5	4.9	
	First	First	R1	W1	Living Room	150	100%	339	1.5	0.0	N/F
			R2	W2 W3 W4	Bedroom	100	100%	728	1.5	7.5	
			R3	W5	Bedroom	100	100%	245	1.5	4.9	
B1 DP2	Ground	Ground	R1	W1	LKD	150	88%	386	1.5	7.4	
			R2	W2	Bedroom	100	96%	175	1.5	4.9	
	First	First	R1	W1 W2	Bedroom	100	100%	491	1.5	4.9	
			R2	W3	Bedroom	100	100%	256	1.5	4.9	

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)			
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing	
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)	
B1 DP3		Ground	R3	W4	Living Room	150	100%	294	1.5	0.0	N/F	
			R1	W1	LKD	150	100%	284	1.5	7.4		
			First	R1	W1	Bedroom	100	100%	232	1.5	4.9	
Block C	Flat1		R2	W2 W3	Bedroom	100	100%	320	1.5	5.6	N/F	
			R1	W1	Bedroom	100	100%	175	1.5	3.3		
			R2	W2 W3 W4	LKD	150	84%	261	1.5	4.2	N/F N/F	
	Flat2	First	R3	W5	Bedroom	100	46%	95	1.5	0.3	N/F	
			R4	W6	Bedroom	100	92%	135	1.5	0.6	N/F	
			R5	W7 W8	LKD	150	100%	325	1.5	0.8	N/F N/F	
	Flat3	First	R6	W9	Bedroom	100	100%	297	1.5	0.0	N/F	
			R7	W10	Bedroom	100	100%	364	1.5	0.0	N/F	
			R8	W11 W12	LKD	150	95%	216	1.5	0.1	N/F	
	Flat4	First	R9	W13	LKD	150	41%	128	1.5	0.1		
			R10	W14	Bedroom	100	73%	129	1.5	0.1		
			R11	W15	Bedroom	100	33%	76	1.5	0.2		
	Flat5	First	R12	W16	Bedroom	100	40%	87	1.5	0.9		
			R13	W17	LKD	150	4%	46	1.5	0.0		
			Flat1	Second	R1	W1 W2 W3	LKD	150	100%	572	1.5	5.5
	Block C			R2	W4	Bedroom	100	100%	190	1.5	1.5	N/F
				R3	W5	Bedroom	100	100%	161	1.5	1.5	N/F
				R4	W6	Bedroom	100	100%	152	1.5	0.6	N/F
		Flat2	Second	R5	W7 W8	LKD	150	100%	340	1.5	1.0	N/F N/F
R6				W9	Bedroom	100	100%	318	1.5	0.0	N/F	
R7				W10	Bedroom	100	100%	388	1.5	0.0	N/F	
Flat3		Second	R8	W11 W12	LKD	150	99%	241	1.5	0.3	N/F	
			R9	W13	Bedroom	100	64%	125	1.5	1.4		
			R10	W14	LKD	150	44%	136	1.5	0.7		
Flat5		Second	R11	W15	LKD	150	43%	135	1.5	1.3		
			R12	W16	Bedroom	100	57%	110	1.5	0.5		
			Flat6	Second	R13	W17 W18 W19	LKD	150	100%	361	1.5	6.1

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
Flat1	Third		R14	W20	Bedroom	100	100%	394	1.5	6.4	
			R15	W21	Bedroom	100	100%	232	1.5	4.9	
			R1	W1 W2 W3	LKD	150	100%	611	1.5	5.5	N/F
			R2	W4	Bedroom	100	100%	227	1.5	1.5	N/F
			R3	W5	Bedroom	100	100%	194	1.5	1.5	N/F
			R4	W6	Bedroom	100	100%	169	1.5	0.6	N/F
	Third		R5	W7 W8	LKD	150	100%	351	1.5	1.4	N/F N/F
			R6	W9	Bedroom	100	100%	323	1.5	0.0	N/F
			R7	W10	Bedroom	100	100%	394	1.5	0.0	N/F
			R8	W11 W12	LKD	150	100%	256	1.5	1.0	N/F
			R9	W13	Bedroom	100	72%	140	1.5	2.1	
			R10	W14	LKD	150	53%	159	1.5	1.4	
Flat2	Third		R11	W15	LKD	150	53%	162	1.5	1.9	
			R12	W16	Bedroom	100	73%	131	1.5	1.0	
			R13	W17 W18 W19	LKD	150	100%	438	1.5	6.1	
			R14	W20	Bedroom	100	100%	439	1.5	6.4	
			R15	W21	Bedroom	100	100%	448	1.5	6.4	
			R1	W1 W2 W3	LKD	150	100%	648	1.5	5.5	N/F
	Fourth		R2	W4	Bedroom	100	100%	257	1.5	1.5	N/F
			R3	W5	Bedroom	100	100%	227	1.5	1.5	N/F
			R4	W6	Bedroom	100	100%	195	1.5	1.1	N/F
			R5	W7 W8	LKD	150	100%	376	1.5	1.9	N/F N/F
			R6	W9	Bedroom	100	100%	327	1.5	0.0	N/F
			R7	W10	Bedroom	100	100%	397	1.5	0.0	N/F
Flat3	Fourth		R8	W11 W12	LKD	150	100%	290	1.5	1.9	N/F
			R9	W13	Bedroom	100	86%	184	1.5	2.9	
			R10	W14	LKD	150	68%	220	1.5	2.3	
			R11	W15	LKD	150	69%	223	1.5	2.8	
			R12	W16	Bedroom	100	87%	183	1.5	1.9	
			R13	W17	LKD	150	100%	505	1.5	6.7	

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)	Target (Hrs)	Sunlight Exposure (Hrs)	North Facing (NF)
C1 DP1	Flat1	Fifth	R14	W18 W19	Bedroom	100	100%	437	1.5	6.4	
				W20							
			R15	W21	Bedroom	100	100%	452	1.5	6.4	
				W2							
			R1	W1	LKD	150	100%	549	1.5	7.5	N/F
			R2	W3	Bedroom	100	100%	300	1.5	1.5	N/F
			R3	W4	Bedroom	100	100%	262	1.5	1.5	N/F
			R4	W5	Bedroom	100	100%	232	1.5	1.5	N/F
			R5	W6 W7	LKD	150	100%	467	1.5	2.4	N/F N/F
			R6	W8	Bedroom	100	100%	329	1.5	0.0	N/F
	Flat2	Fifth	R7	W9	Bedroom	100	100%	400	1.5	0.0	N/F
			R8	W10 W11	LKD	150	100%	384	1.5	4.5	N/F
			R9	W12	Bedroom	100	100%	236	1.5	3.4	
			R10	W13	LKD	150	100%	343	1.5	4.1	
	Flat3	Fifth	R11	W14	LKD	150	100%	343	1.5	4.1	
			R12	W15	Bedroom	100	100%	235	1.5	3.4	
	Flat4	Fifth	R13	W16 W17 W18	LKD	150	100%	581	1.5	8.0	
			R14	W19	Bedroom	100	100%	384	1.5	6.4	
			R15	W20	Bedroom	100	100%	407	1.5	6.4	
			R1	W1	LKD	150	94%	315	1.5	7.4	
	Flat5	Fifth	R2	W2	Bedroom	100	100%	218	1.5	4.9	
			R1	W1	Bedroom	100	58%	115	1.5	1.9	
			R2	W2 W3	Living Room	150	100%	574	1.5	4.9	
			R3	W4	Bedroom	100	100%	260	1.5	4.9	
	Flat6	Fifth	R1	W1	Bedroom	100	96%	180	1.5	4.9	
			R2	W2	LKD	150	94%	396	1.5	7.4	
			R1	W1	Bedroom	100	100%	245	1.5	4.9	
			R2	W2 W3	Bedroom	100	100%	500	1.5	4.9	
	Flat7	Fifth	R3	W4	Living Room	150	100%	294	1.5	0.0	N/F
			R1	W1	LKD	150	96%	372	1.5	7.4	
			R2	W2	Bedroom	100	81%	155	1.5	4.9	
			R1	W1 W2	Bedroom	100	100%	491	1.5	4.9	

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
C1 DP4		Ground	R2	W3	Bedroom	100	100%	244	1.5	4.9	
			R3	W4	Living Room	150	100%	317	1.5	0.0	N/F
			R1	W1	LKD	150	77%	339	1.5	7.4	
			R2	W2	Bedroom	100	71%	143	1.5	4.9	
			R1	W1 W2	Bedroom	100	100%	480	1.5	4.9	
C1 DP5		Ground	R2	W3	Bedroom	100	100%	234	1.5	4.9	
			R3	W4	Living Room	150	80%	287	1.5	0.0	N/F
			R1	W1	LKD	150	65%	210	1.5	7.4	
			R1	W1	Bedroom	100	100%	212	1.5	4.9	
			R2	W2 W3	Bedroom	100	100%	318	1.5	5.6	N/F
Block D		Ground	R1	W1	Bedroom	100	100%	240	1.5	0.0	N/F
			R2	W2	Bedroom	100	100%	419	1.5	0.0	N/F
			R3	W3 W4	LKD	150	49%	148	1.5	0.0	N/F
			R4	W5	Bedroom	100	12%	60	1.5	0.0	
			R1	W1	LKD	150	6%	49	1.5	0.0	N/F
	Flat1	First	R2	W2	Bedroom	100	41%	88	1.5	0.0	N/F
			R3	W3	LKD	150	25%	91	1.5	2.1	N/F
			R4	W4	Bedroom	100	80%	125	1.5	0.4	N/F
			R5	W5 W6 W7	LKD	150	100%	362	1.5	0.4	N/F N/F N/F
	Flat2	First	R6	W8	Bedroom	100	100%	310	1.5	0.0	N/F
			R7	W9	Bedroom	100	100%	268	1.5	0.0	N/F
			R8	W10 W11	Living Room	150	100%	276	1.5	0.0	N/F
	Flat3	First	R9	W12	Kitchen	200	0%	43	1.5	0.0	
			R10	W13	Bedroom	100	43%	95	1.5	0.0	
			R11	W14	Bedroom	100	28%	76	1.5	0.1	
			R12	W15	Bedroom	100	47%	97	1.5	0.6	
			R13	W16	Bedroom	100	75%	120	1.5	1.0	
			R14	W17 W18	Living Room	150	100%	557	1.5	6.9	
			R15	W19	Kitchen	200	100%	263	1.5	3.8	
			R16	W20	Bedroom	100	100%	264	1.5	2.9	
	Flat1	Second	R1	W1	Bedroom	100	100%	247	1.5	4.9	

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
			R2	W2	Bedroom	100	100%	359	1.5	6.4	
			R3	W3 W4 W5	LKD	150	99%	334	1.5	6.0	
	Flat2	Second	R4	W6	Bedroom	100	74%	135	1.5	1.5	N/F
			R5	W7	Bedroom	100	50%	99	1.5	0.7	N/F
			R6	W8	LKD	150	39%	124	1.5	2.1	N/F
	Flat3	Second	R7	W9	Bedroom	100	35%	76	1.5	0.0	N/F
			R8	W10	Bedroom	100	60%	114	1.5	0.0	N/F
			R9	W11	Kitchen	200	22%	123	1.5	0.2	N/F
			R10	W12 W13	Living Room	150	100%	404	1.5	0.2	N/F N/F
			R11	W14	Bedroom	100	100%	340	1.5	0.0	N/F
	Flat4	Second	R12	W15	Bedroom	100	100%	288	1.5	0.0	N/F
			R13	W16 W17	Living Room	150	100%	290	1.5	0.0	N/F
			R14	W18	Kitchen	200	0%	43	1.5	0.0	
			R15	W19	Bedroom	100	57%	106	1.5	0.0	
			R16	W20	Bedroom	100	37%	87	1.5	0.1	
	Flat5	Second	R17	W21	Bedroom	100	59%	109	1.5	0.6	
			R18	W22	Bedroom	100	88%	131	1.5	1.0	
			R19	W23 W24 W25	LKD	150	100%	537	1.5	6.0	
	Flat1	Third	R1	W1	Bedroom	100	100%	451	1.5	6.4	
			R2	W2	Bedroom	100	100%	419	1.5	6.4	
			R3	W3 W4 W5	LKD	150	100%	392	1.5	6.0	
	Flat2	Third	R4	W6	Bedroom	100	92%	164	1.5	1.5	N/F
			R5	W7	Bedroom	100	60%	122	1.5	0.7	N/F
			R6	W8	LKD	150	48%	146	1.5	2.1	N/F
	Flat3	Third	R7	W9	Bedroom	100	44%	89	1.5	0.0	N/F
			R8	W10	Bedroom	100	72%	146	1.5	0.0	N/F
			R9	W11	Kitchen	200	34%	139	1.5	0.6	N/F
			R10	W12 W13	Living Room	150	100%	429	1.5	0.6	N/F N/F
			R11	W14	Bedroom	100	100%	346	1.5	0.0	N/F
	Flat4	Third	R12	W15	Bedroom	100	100%	293	1.5	0.0	N/F
			R13	W16	Living Room	150	100%	303	1.5	0.0	N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
				W17							
			R14	W18	Kitchen	200	0%	46	1.5	0.0	
			R15	W19	Bedroom	100	75%	118	1.5	0.2	
			R16	W20	Bedroom	100	48%	96	1.5	0.2	
	Flat5	Third	R17	W21	Bedroom	100	70%	120	1.5	0.6	
			R18	W22	Bedroom	100	95%	141	1.5	1.0	
			R19	W23 W24 W25	LKD	150	100%	554	1.5	6.0	
	Flat1	Fourth	R1	W1	Bedroom	100	100%	453	1.5	6.4	
			R2	W2	Bedroom	100	100%	423	1.5	6.4	
			R3	W3 W4 W5	LKD	150	100%	423	1.5	6.0	N/F
	Flat2	Fourth	R4	W6	Bedroom	100	100%	214	1.5	1.5	N/F
			R5	W7	Bedroom	100	82%	167	1.5	0.7	N/F
			R6	W8	LKD	150	63%	190	1.5	2.1	N/F
	Flat3	Fourth	R7	W9	Bedroom	100	62%	123	1.5	0.2	N/F
			R8	W10	Bedroom	100	92%	190	1.5	0.2	N/F
			R9	W11	Kitchen	200	50%	203	1.5	1.1	N/F
			R10	W12 W13	Living Room	150	100%	490	1.5	1.1	N/F N/F
			R11	W14	Bedroom	100	100%	355	1.5	0.0	N/F
	Flat4	Fourth	R12	W15	Bedroom	100	100%	298	1.5	0.0	N/F
			R13	W16 W17	Living Room	150	100%	325	1.5	0.0	N/F
			R14	W18	Kitchen	200	0%	51	1.5	0.0	
			R15	W19	Bedroom	100	100%	134	1.5	0.5	
			R16	W20	Bedroom	100	60%	111	1.5	0.5	
	Flat5	Fourth	R17	W21	Bedroom	100	96%	133	1.5	0.6	
			R18	W22	Bedroom	100	100%	155	1.5	1.0	
			R19	W23 W24 W25	LKD	150	100%	567	1.5	6.0	
	Flat1	Fifth	R1	W1	Bedroom	100	100%	405	1.5	6.4	
			R2	W2	Bedroom	100	100%	379	1.5	6.4	
			R3	W3 W4 W5	LKD	150	100%	483	1.5	6.0	N/F
	Flat2	Fifth	R4	W6	Bedroom	100	100%	274	1.5	1.5	N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
Block E	Flat3	Fifth	R5	W7	Bedroom	100	100%	211	1.5	0.7	N/F
			R6	W8	LKD	150	100%	304	1.5	2.5	N/F
			R7	W9	Bedroom	100	93%	163	1.5	0.7	N/F
			R8	W10	Bedroom	100	100%	237	1.5	0.7	N/F
			R9	W11	Kitchen	200	90%	329	1.5	1.5	N/F
	Flat4	Fifth	R10	W12 W13	Living Room	150	100%	629	1.5	2.4	N/F N/F
			R11	W14	Bedroom	100	100%	356	1.5	0.0	N/F
			R12	W15	Bedroom	100	100%	305	1.5	0.0	N/F
			R13	W16 W17	Living Room	150	100%	447	1.5	1.6	N/F
			R14	W18	Kitchen	200	28%	102	1.5	1.0	
	Flat5	Fifth	R15	W19	Bedroom	100	100%	192	1.5	0.9	
			R16	W20	Bedroom	100	84%	131	1.5	0.9	
			R17	W21	Bedroom	100	100%	152	1.5	0.9	
			R18	W22	Bedroom	100	100%	172	1.5	1.0	
			R19	W23 W24	LKD	150	100%	444	1.5	7.5	
	Flat1	Ground	R1	W1	Bedroom	100	100%	208	1.5	4.9	
			R2	W2	LKD	150	98%	228	1.5	5.9	
	Flat2	Ground	R3	W3	LKD	150	33%	104	1.5	2.5	N/F
			R4	W4	Bedroom	100	45%	92	1.5	1.5	N/F
	Flat1	First	R5	W5	Bedroom	100	92%	136	1.5	1.5	N/F
			R1	W1 W2	LKD	150	33%	118	1.5	0.0	N/F
			R2	W3	Bedroom	100	43%	95	1.5	0.4	
	Flat2	First	R3	W4	Bedroom	100	17%	70	1.5	0.4	
			R4	W5	LKD	150	18%	73	1.5	1.4	
			R5	W6	Bedroom	100	52%	104	1.5	0.0	
	Flat3	First	R6	W7	Bedroom	100	40%	93	1.5	1.4	
			R7	W8	Bedroom	100	79%	120	1.5	1.6	
			R8	W9 W10	LKD	150	100%	387	1.5	7.9	
	Flat4	First	R9	W11	Bedroom	100	100%	348	1.5	6.4	
			R10	W12	Bedroom	100	100%	176	1.5	1.5	N/F
			R11	W13	LKD	150	36%	111	1.5	2.5	N/F
	Flat5	First	R12	W14	LKD	150	29%	99	1.5	1.6	N/F
			R13	W15	Bedroom	100	55%	104	1.5	1.1	N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
	Flat1	Second	R1	W1 W2	LKD	150	26%	113	1.5	0.0	N/F
			R2	W3	Bedroom	100	26%	81	1.5	0.9	
			R3	W4	Bedroom	100	18%	74	1.5	0.9	
	Flat2	Second	R4	W5	Bedroom	100	34%	92	1.5	0.9	
			R5	W6	LKD	150	21%	90	1.5	1.2	
	Flat3	Second	R6	W7	Bedroom	100	99%	152	1.5	1.7	
			R7	W8 W9	LKD	150	100%	413	1.5	7.9	
			R8	W10	Bedroom	100	100%	470	1.5	6.4	
	Flat4	Second	R9	W11	Bedroom	100	100%	447	1.5	6.4	
			R10	W12 W13	LKD	150	100%	473	1.5	6.6	N/F
			R11	W14	Bedroom	100	100%	212	1.5	1.5	N/F
	Flat5	Second	R12	W15	Bedroom	100	100%	191	1.5	1.5	N/F
			R13	W16	LKD	150	40%	122	1.5	2.5	N/F
	Flat6	Second	R14	W17	LKD	150	32%	109	1.5	1.6	N/F
			R15	W18	Bedroom	100	67%	113	1.5	1.1	N/F
	Flat1	Third	R1	W1 W2	LKD	150	31%	123	1.5	0.0	N/F
			R2	W3	Bedroom	100	43%	90	1.5	1.4	
			R3	W4	Bedroom	100	30%	84	1.5	1.4	
	Flat2	Third	R4	W5	Bedroom	100	56%	103	1.5	1.4	
			R5	W6	LKD	150	25%	97	1.5	1.5	
	Flat3	Third	R6	W7	Bedroom	100	100%	173	1.5	1.7	
			R7	W8 W9	LKD	150	100%	427	1.5	7.9	
			R8	W10	Bedroom	100	100%	475	1.5	6.4	
	Flat4	Third	R9	W11	Bedroom	100	100%	453	1.5	6.4	
			R10	W12 W13	LKD	150	100%	490	1.5	6.6	N/F
			R11	W14	Bedroom	100	100%	226	1.5	1.5	N/F
	Flat5	Third	R12	W15	Bedroom	100	100%	203	1.5	1.5	N/F
			R13	W16	LKD	150	44%	135	1.5	2.5	N/F
	Flat6	Third	R14	W17	LKD	150	37%	121	1.5	1.6	N/F
			R15	W18	Bedroom	100	82%	156	1.5	1.1	N/F
	Flat1	Fourth	R1	W1 W2	LKD	150	37%	136	1.5	0.8	N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
4900	Flat2	Fourth	R2	W3	Bedroom	100	66%	121	1.5	2.1	
			R3	W4	Bedroom	100	55%	106	1.5	2.1	
			R4	W5	Bedroom	100	80%	124	1.5	2.1	
			R5	W6	LKD	150	32%	110	1.5	2.1	
	Flat3	Fourth	R6	W7	Bedroom	100	100%	224	1.5	2.1	
			R7	W8 W9	LKD	150	100%	456	1.5	7.9	
			R8	W10	Bedroom	100	100%	482	1.5	6.4	
	Flat4	Fourth	R9	W11	Bedroom	100	100%	461	1.5	6.4	
			R10	W12 W13	LKD	150	100%	514	1.5	6.6	N/F
			R11	W14	Bedroom	100	100%	246	1.5	1.5	N/F
	Flat5	Fourth	R12	W15	Bedroom	100	100%	229	1.5	1.5	N/F
			R13	W16	LKD	150	52%	160	1.5	2.5	N/F
	Flat6	Fourth	R14	W17	LKD	150	50%	150	1.5	1.6	N/F
			R15	W18	Bedroom	100	100%	193	1.5	1.1	N/F
	Flat1	Fifth	R1	W1 W2	LKD	150	57%	160	1.5	0.8	N/F
	Flat2	Fifth	R2	W3	Bedroom	100	85%	169	1.5	3.1	
			R3	W4	Bedroom	100	95%	141	1.5	2.9	
			R4	W5	Bedroom	100	100%	167	1.5	2.9	
			R5	W6	LKD	150	50%	151	1.5	3.0	
	Flat3	Fifth	R6	W7	Bedroom	100	100%	269	1.5	2.9	
			R7	W8 W9	LKD	150	100%	527	1.5	8.2	
			R8	W10	Bedroom	100	100%	488	1.5	6.4	
	Flat4	Fifth	R9	W11	Bedroom	100	100%	466	1.5	6.4	
			R10	W12 W13	LKD	150	100%	603	1.5	6.6	N/F
			R11	W14	Bedroom	100	100%	272	1.5	1.5	N/F
	Flat5	Fifth	R12	W15	Bedroom	100	100%	258	1.5	1.5	N/F
			R13	W16	LKD	150	69%	214	1.5	2.5	N/F
	Flat6	Fifth	R14	W17	LKD	150	71%	223	1.5	1.6	N/F
			R15	W18	Bedroom	100	100%	236	1.5	1.5	N/F
	Flat1	Sixth	R1	W1 W2	LKD	150	78%	200	1.5	0.8	N/F
			R2	W3	Bedroom	100	100%	238	1.5	3.5	
			R3	W4	Bedroom	100	100%	196	1.5	3.9	

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
	Flat2	Sixth	R4	W5	Bedroom	100	100%	227	1.5	3.9	
			R5	W6	LKD	150	74%	224	1.5	4.0	
	Flat3	Sixth	R6	W7	Bedroom	100	100%	331	1.5	3.9	
			R7	W8 W9	LKD	150	100%	609	1.5	9.2	
			R8	W10	Bedroom	100	100%	493	1.5	6.4	
	Flat4	Sixth	R9	W11	Bedroom	100	100%	469	1.5	6.4	
			R10	W12 W13	LKD	150	100%	839	1.5	7.5	N/F
			R11	W14	Bedroom	100	100%	299	1.5	1.5	N/F
	Flat5	Sixth	R12	W15	Bedroom	100	100%	288	1.5	1.5	N/F
			R13	W16	LKD	150	83%	265	1.5	2.5	N/F
	Flat6	Sixth	R14	W17	LKD	150	100%	287	1.5	1.6	N/F
			R15	W18	Bedroom	100	100%	279	1.5	1.5	N/F
	Flat1	Seventh	R1	W1 W2	LKD	150	100%	267	1.5	1.3	N/F
			R2	W3	Bedroom	100	100%	316	1.5	3.5	
			R3	W4	Bedroom	100	100%	261	1.5	3.9	
	Flat2	Seventh	R4	W5	Bedroom	100	100%	292	1.5	3.9	
			R5	W6	LKD	150	88%	296	1.5	4.0	
	Flat3	Seventh	R6	W7	Bedroom	100	100%	391	1.5	3.9	
			R7	W8 W9	LKD	150	100%	682	1.5	9.2	
			R8	W10	Bedroom	100	100%	498	1.5	6.4	
	Flat4	Seventh	R9	W11	Bedroom	100	100%	474	1.5	6.4	
			R10	W12 W13	LKD	150	100%	849	1.5	7.5	N/F
			R11	W14	Bedroom	100	100%	312	1.5	1.5	N/F
	Flat5	Seventh	R12	W15	Bedroom	100	100%	308	1.5	1.5	N/F
			R13	W16	LKD	150	100%	291	1.5	2.5	N/F
	Flat6	Seventh	R14	W17	LKD	150	100%	313	1.5	1.6	N/F
			R15	W18	Bedroom	100	100%	302	1.5	1.5	N/F
	Flat1	Eighth	R1	W1 W2	LKD	150	100%	366	1.5	2.5	N/F
			R2	W3	Bedroom	100	100%	363	1.5	3.9	
			R3	W4	Bedroom	100	100%	303	1.5	3.9	
	Flat2	Eighth	R4	W5	Bedroom	100	100%	335	1.5	3.9	
			R5	W6	LKD	150	100%	328	1.5	4.0	

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
E DP1	Flat3	Eighth	R6	W7	Bedroom	100	100%	419	1.5	3.9	
			R7	W8 W9	LKD	150	100%	713	1.5	9.2	
			R8	W10	Bedroom	100	100%	504	1.5	6.4	
	Flat4	Eighth	R9	W11	Bedroom	100	100%	478	1.5	6.4	
			R10	W12 W13	LKD	150	100%	857	1.5	7.5	N/F
			R11	W14	Bedroom	100	100%	316	1.5	1.5	N/F
	Flat5	Eighth	R12	W15	Bedroom	100	100%	317	1.5	1.5	N/F
			R13	W16	LKD	150	100%	301	1.5	2.5	N/F
	Flat6	Eighth	R14	W17	LKD	150	100%	324	1.5	1.6	N/F
			R15	W18	Bedroom	100	100%	312	1.5	1.5	N/F
	Flat1	Ninth	R1	W1 W2	LKD	150	100%	507	1.5	4.6	N/F
			R2	W3	Bedroom	100	100%	410	1.5	3.9	
			R3	W4	Bedroom	100	100%	335	1.5	3.9	
	Flat2	Ninth	R4	W5	Bedroom	100	100%	372	1.5	3.9	
			R5	W6	LKD	150	100%	403	1.5	4.6	
	Flat3	Ninth	R6	W7	Bedroom	100	100%	442	1.5	3.9	
			R7	W8 W9	LKD	150	100%	697	1.5	9.3	
			R8	W10	Bedroom	100	100%	442	1.5	6.4	
	Flat4	Ninth	R9	W11	Bedroom	100	100%	417	1.5	6.4	
			R10	W12 W13	LKD	150	100%	808	1.5	7.5	N/F
			R11	W14	Bedroom	100	100%	323	1.5	1.5	N/F
	Flat5	Ninth	R12	W15	Bedroom	100	100%	327	1.5	1.5	N/F
			R13	W16	LKD	150	100%	337	1.5	2.5	N/F
	Flat6	Ninth	R14	W17	LKD	150	100%	364	1.5	2.5	N/F
			R15	W18	Bedroom	100	100%	323	1.5	1.5	N/F
	Ground	Ground	R1	W1	Bedroom	100	100%	293	1.5	4.9	
			R2	W2 W3	LKD	150	100%	457	1.5	6.0	N/F
			R3	W4	Bedroom	100	77%	113	1.5	0.7	N/F
		First	R1	W1	Bedroom	100	100%	210	1.5	4.9	
			R2	W2 W3 W4	Living Room	150	100%	732	1.5	6.0	N/F
			R3	W5	Bedroom	100	77%	128	1.5	0.7	N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
Block E1		Ground	R1	W1	LKD	150	38%	116	1.5	0.6	N/F
			R2	W3	Bedroom	100	100%	199	1.5	0.0	N/F
			R3	W4	Bedroom	100	91%	133	1.5	0.0	N/F
			R4	W5	LKD	150	65%	187	1.5	0.2	N/F
			R5	W6	Bedroom	100	100%	218	1.5	0.0	N/F
	Flat1	First	R1	W1 W2	LKD	150	54%	167	1.5	2.2	N/F
			R2	W3	Bedroom	100	85%	130	1.5	0.0	N/F
			R3	W4	Bedroom	100	70%	137	1.5	0.0	N/F
	Flat2	First	R4	W5	LKD	150	67%	196	1.5	0.5	N/F
			R5	W6	Bedroom	100	100%	231	1.5	0.0	N/F
	Flat3	First	R6	W7	LKD	150	15%	81	1.5	0.0	
			R7	W8	Bedroom	100	21%	68	1.5	0.5	
	Flat4	First	R8	W9	LKD	150	16%	77	1.5	1.0	
			R9	W10	Bedroom	100	0%	22	1.5	0.0	
	Flat1	Second	R1	W1 W2	LKD	150	57%	176	1.5	2.2	N/F
			R2	W3	Bedroom	100	89%	136	1.5	0.0	N/F
			R3	W4	Bedroom	100	73%	144	1.5	0.0	N/F
	Flat2	Second	R4	W5	LKD	150	71%	204	1.5	0.8	N/F
			R5	W6	Bedroom	100	100%	251	1.5	0.0	N/F
	Flat3	Second	R6	W7	Bedroom	100	100%	207	1.5	0.0	N/F
			R7	W8 W9 W10	LKD	150	100%	536	1.5	0.0	N/F N/F N/F
			R8	W11	Bedroom	100	100%	322	1.5	0.0	N/F
	Flat4	Second	R9	W12	Bedroom	100	100%	349	1.5	0.0	N/F
			R10	W13 W14	LKD	150	100%	341	1.5	0.0	N/F
	Flat5	Second	R11	W15	Bedroom	100	40%	88	1.5	0.0	
			R12	W16	LKD	150	23%	88	1.5	0.5	
			R13	W17	Bedroom	100	43%	94	1.5	0.6	
	Flat6	Second	R14	W18	Bedroom	100	27%	75	1.5	0.9	
			R15	W19	LKD	150	0%	36	1.5	0.0	
	Flat1	Third	R1	W1 W2	LKD	150	59%	186	1.5	2.6	N/F
			R2	W3	Bedroom	100	92%	145	1.5	0.2	N/F
			R3	W4	Bedroom	100	77%	158	1.5	0.2	N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
	Flat2	Third	R4	W5	LKD	150	77%	212	1.5	1.2	N/F
			R5	W6	Bedroom	100	100%	264	1.5	0.2	N/F
	Flat3	Third	R6	W7	Bedroom	100	100%	219	1.5	0.2	N/F
			R7	W8 W9 W10	LKD	150	100%	553	1.5	0.3	N/F N/F N/F
			R8	W11	Bedroom	100	100%	326	1.5	0.0	N/F
	Flat4	Third	R9	W12	Bedroom	100	100%	353	1.5	0.0	N/F
			R10	W13 W14	LKD	150	100%	351	1.5	0.0	N/F
			R11	W15	Bedroom	100	47%	98	1.5	0.0	
	Flat5	Third	R12	W16	LKD	150	27%	94	1.5	0.5	
			R13	W17	Bedroom	100	55%	107	1.5	0.6	
	Flat6	Third	R14	W18	Bedroom	100	34%	84	1.5	0.9	
			R15	W19	LKD	150	0%	39	1.5	0.0	
	Flat1	Fourth	R1	W1 W2	LKD	150	64%	205	1.5	3.1	N/F
			R2	W3	Bedroom	100	100%	166	1.5	0.7	N/F
			R3	W4	Bedroom	100	88%	182	1.5	0.7	N/F
	Flat2	Fourth	R4	W5	LKD	150	81%	230	1.5	1.7	N/F
			R5	W6	Bedroom	100	100%	280	1.5	0.7	N/F
	Flat3	Fourth	R6	W7	Bedroom	100	100%	237	1.5	0.7	N/F
			R7	W8 W9 W10	LKD	150	100%	572	1.5	1.4	N/F N/F N/F
			R8	W11	Bedroom	100	100%	330	1.5	0.0	N/F
	Flat4	Fourth	R9	W12	Bedroom	100	100%	357	1.5	0.0	N/F
			R10	W13 W14	LKD	150	100%	362	1.5	0.0	N/F
			R11	W15	Bedroom	100	59%	110	1.5	0.3	
	Flat5	Fourth	R12	W16	LKD	150	31%	105	1.5	0.5	
			R13	W17	Bedroom	100	68%	121	1.5	0.9	
	Flat6	Fourth	R14	W18	Bedroom	100	47%	98	1.5	0.9	
			R15	W19	LKD	150	0%	45	1.5	0.0	
	Flat1	Fifth	R1	W1 W2	LKD	150	76%	254	1.5	3.8	N/F
			R2	W3	Bedroom	100	100%	208	1.5	1.4	N/F
			R3	W4	Bedroom	100	99%	229	1.5	1.4	N/F
	Flat2	Fifth	R4	W5	LKD	150	87%	259	1.5	2.4	N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
	Flat3	Fifth	R5	W6	Bedroom	100	100%	309	1.5	1.4	N/F
			R6	W7	Bedroom	100	100%	255	1.5	1.5	N/F
			R7	W8 W9 W10	LKD	150	100%	587	1.5	1.6	N/F N/F N/F
	Flat4	Fifth	R8	W11	Bedroom	100	100%	332	1.5	0.0	N/F
			R9	W12	Bedroom	100	100%	360	1.5	0.0	N/F
			R10	W13 W14	LKD	150	100%	382	1.5	0.4	N/F
	Flat5	Fifth	R11	W15	Bedroom	100	78%	126	1.5	0.9	
			R12	W16	LKD	150	38%	122	1.5	0.9	
			R13	W17	Bedroom	100	98%	147	1.5	1.5	
	Flat6	Fifth	R14	W18	Bedroom	100	64%	118	1.5	1.5	
			R15	W19	LKD	150	7%	57	1.5	0.0	
	Flat1	Sixth	R1	W1 W2	LKD	150	100%	316	1.5	4.0	N/F
			R2	W3	Bedroom	100	100%	250	1.5	1.5	N/F
			R3	W4	Bedroom	100	100%	268	1.5	1.5	N/F
	Flat2	Sixth	R4	W5	LKD	150	99%	287	1.5	2.5	N/F
			R5	W6	Bedroom	100	100%	337	1.5	1.5	N/F
	Flat3	Sixth	R6	W7	Bedroom	100	100%	279	1.5	1.5	N/F
			R7	W8 W9 W10	LKD	150	100%	603	1.5	1.6	N/F N/F N/F
			R8	W11	Bedroom	100	100%	335	1.5	0.0	N/F
	Flat4	Sixth	R9	W12	Bedroom	100	100%	362	1.5	0.0	N/F
			R10	W13 W14	LKD	150	100%	411	1.5	1.1	N/F
	Flat5	Sixth	R11	W15	Bedroom	100	96%	166	1.5	1.6	
			R12	W16	LKD	150	49%	149	1.5	1.6	
			R13	W17	Bedroom	100	100%	207	1.5	2.2	
	Flat6	Sixth	R14	W18	Bedroom	100	77%	151	1.5	2.2	
			R15	W19	LKD	150	19%	78	1.5	0.3	
	Flat1	Seventh	R1	W1 W2	LKD	150	100%	368	1.5	4.0	N/F
			R2	W3	Bedroom	100	100%	313	1.5	1.5	N/F
			R3	W4	Bedroom	100	100%	288	1.5	1.5	N/F
	Flat2	Seventh	R4	W5	LKD	150	100%	333	1.5	2.5	N/F
			R5	W6	Bedroom	100	100%	354	1.5	1.5	N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
E1 DP1	Flat3	Seventh	R6	W7	Bedroom	100	100%	294	1.5	1.5	N/F
			R7	W8 W9 W10	LKD	150	100%	652	1.5	2.4	N/F N/F N/F
			R8	W11	Bedroom	100	100%	337	1.5	0.0	N/F
	Flat4	Seventh	R9	W12	Bedroom	100	100%	363	1.5	0.0	N/F
			R10	W13 W14	LKD	150	100%	540	1.5	3.8	N/F
			R11	W15	Bedroom	100	100%	210	1.5	2.5	
	Flat5	Seventh	R12	W16	LKD	150	76%	243	1.5	3.8	
			R13	W17	Bedroom	100	100%	286	1.5	3.1	
	Flat6	Seventh	R14	W18	Bedroom	100	93%	218	1.5	3.1	
			R15	W19	LKD	150	55%	160	1.5	1.2	
	Ground	Ground	R1	W1 W2	LKD	150	86%	287	1.5	0.1	N/F N/F
			R2	W3 W4	Bedroom	100	100%	326	1.5	0.0	N/F N/F
		First	R1	W1	Bedroom	100	94%	138	1.5	0.0	N/F
			R2	W2 W3	Living Room	150	100%	339	1.5	0.0	N/F N/F
			R3	W4	Bedroom	100	100%	268	1.5	0.0	N/F
			R4	W5	Bedroom	100	100%	227	1.5	0.0	N/F
		Ground	R1	W1	Bedroom	100	94%	165	1.5	0.0	N/F
			R2	W2 W3 W4	LKD	150	66%	210	1.5	0.0	N/F N/F
E1 DP2		First	R1	W1	Bedroom	100	100%	223	1.5	0.0	N/F
			R2	W2	Bedroom	100	100%	248	1.5	0.0	N/F
			R3	W3	Bedroom	100	100%	189	1.5	0.0	N/F
			R4	W4	Living Room	150	58%	163	1.5	0.6	
		Ground	R1	W1	Bedroom	100	94%	165	1.5	0.0	N/F
			R2	W2 W3 W4	LKD	150	66%	210	1.5	0.0	N/F N/F
		First	R1	W1	Bedroom	100	100%	223	1.5	0.0	N/F
			R2	W2	Bedroom	100	100%	248	1.5	0.0	N/F
Block F	Flat1	First	R1	W1 W2	Living Room	150	46%	131	1.5	2.1	N/F
			R2	W3	Kitchen	200	0%	27	1.5	0.0	N/F
			R3	W4	Bedroom	100	10%	48	1.5	0.0	N/F
			R4	W5	Bedroom	100	22%	71	1.5	0.0	N/F
			R5	W6	Bedroom	100	11%	48	1.5	0.0	N/F
	Flat2	First	R6	W7	LKD	150	5%	44	1.5	0.0	N/F
			R7	W8	Bedroom	100	37%	86	1.5	0.0	N/F
			R8	W9	Bedroom	100	33%	80	1.5	0.0	N/F
	Flat3	First	R9	W10	Bedroom	100	100%	167	1.5	2.1	N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
	Flat1	Second	R10	W11	Bedroom	100	100%	279	1.5	3.3	
			R11	W12	Bedroom	100	100%	247	1.5	3.3	
			R12	W13	LKD	150	98%	299	1.5	2.8	
			R1	W1 W2	Living Room	150	50%	147	1.5	2.2	N/F
			R2	W3	Kitchen	200	0%	24	1.5	0.0	N/F
			R3	W4	Bedroom	100	16%	60	1.5	0.0	N/F
	Flat2	Second	R4	W5	Bedroom	100	40%	90	1.5	0.0	N/F
			R5	W6	Bedroom	100	16%	59	1.5	0.0	N/F
			R6	W7	LKD	150	4%	42	1.5	0.0	N/F
			R7	W8	Bedroom	100	43%	90	1.5	0.0	N/F
			R8	W9	Bedroom	100	56%	110	1.5	0.0	N/F
			R9	W10	Kitchen	200	10%	131	1.5	0.0	N/F
	Flat3	Second	R10	W11 W12	Living Room	150	100%	530	1.5	0.0	N/F N/F
			R11	W13	Bedroom	100	100%	317	1.5	0.0	N/F
			R12	W14 W15	Bedroom	100	100%	641	1.5	2.1	N/F N/F
			R13	W16	Bedroom	100	100%	571	1.5	2.8	N/F
			R14	W17 W18	Bedroom	100	100%	347	1.5	2.8	N/F N/F
			R15	W18	Bedroom	100	100%	507	1.5	2.8	N/F
	Flat4	Second	R16	W19 W20	LKD	150	100%	386	1.5	2.8	N/F
			R17	W21	Bedroom	100	100%	322	1.5	3.9	
			R18	W22	LKD	150	100%	382	1.5	2.8	
	Flat1	Third	R1	W1 W2	Living Room	150	51%	157	1.5	2.4	N/F
			R2	W3	Kitchen	200	0%	25	1.5	0.0	N/F
			R3	W4	Bedroom	100	23%	67	1.5	0.0	N/F
			R4	W5	Bedroom	100	50%	99	1.5	0.0	N/F
			R5	W6	Bedroom	100	22%	67	1.5	0.0	N/F
			R6	W7	LKD	150	5%	46	1.5	0.1	N/F
	Flat2	Third	R7	W8	Bedroom	100	49%	98	1.5	0.0	N/F
			R8	W9	Bedroom	100	64%	117	1.5	0.0	N/F
			R9	W10	Kitchen	200	13%	137	1.5	0.0	N/F
			R10	W11 W12	Living Room	150	100%	546	1.5	0.0	N/F N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
	Flat4	Third	R11	W13	Bedroom	100	100%	320	1.5	0.0	N/F
			R12	W14 W15	Bedroom	100	100%	650	1.5	2.1	N/F N/F
			R13	W16	Bedroom	100	100%	579	1.5	2.8	N/F
			R14	W17 W18	Bedroom	100	100%	355	1.5	2.8	N/F N/F
			R15	W18	Bedroom	100	100%	518	1.5	2.8	N/F
			R16	W19 W20	LKD	150	100%	389	1.5	2.8	N/F
	Flat5	Third	R17	W21	Bedroom	100	100%	330	1.5	3.9	
			R18	W22	LKD	150	100%	387	1.5	2.8	
	Flat1	Fourth	R1	W1 W2	Living Room	150	54%	169	1.5	2.4	N/F
			R2	W3	Kitchen	200	0%	30	1.5	0.0	N/F
			R3	W4	Bedroom	100	33%	75	1.5	0.0	N/F
	Flat2	Fourth	R4	W5	Bedroom	100	64%	115	1.5	0.0	N/F
			R5	W6	Bedroom	100	32%	77	1.5	0.0	N/F
			R6	W7	LKD	150	8%	54	1.5	0.3	N/F
			R7	W8	Bedroom	100	59%	110	1.5	0.0	N/F
			R8	W9	Bedroom	100	77%	132	1.5	0.0	N/F
			R9	W10	Kitchen	200	16%	146	1.5	0.0	N/F
	Flat3	Fourth	R10	W11 W12	Living Room	150	100%	559	1.5	0.0	N/F N/F
			R11	W13	Bedroom	100	100%	323	1.5	0.0	N/F
			R12	W14 W15	Bedroom	100	100%	658	1.5	2.1	N/F N/F
	Flat4	Fourth	R13	W16	Bedroom	100	100%	588	1.5	2.8	N/F
			R14	W17 W18	Bedroom	100	100%	359	1.5	2.8	N/F N/F
			R15	W18	Bedroom	100	100%	522	1.5	2.8	N/F
			R16	W19 W20	LKD	150	100%	390	1.5	2.8	N/F
			R17	W21	Bedroom	100	100%	334	1.5	3.9	
			R18	W22	LKD	150	100%	391	1.5	2.8	
	Flat1	Fifth	R1	W1 W2	Living Room	150	60%	192	1.5	2.6	N/F
			R2	W3	Kitchen	200	0%	39	1.5	0.0	N/F
			R3	W4	Bedroom	100	48%	92	1.5	0.0	N/F
			R4	W5	Bedroom	100	94%	160	1.5	0.0	N/F
			R5	W6	Bedroom	100	43%	93	1.5	0.0	N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
	Flat2	Fifth	R6	W7	LKD	150	18%	66	1.5	0.5	N/F
			R7	W8	Bedroom	100	75%	135	1.5	0.0	N/F
			R8	W9	Bedroom	100	95%	164	1.5	0.0	N/F
	Flat3	Fifth	R9	W10	Kitchen	200	27%	167	1.5	0.0	N/F
			R10	W11 W12	Living Room	150	100%	585	1.5	0.0	N/F N/F
			R11	W13	Bedroom	100	100%	325	1.5	0.0	N/F
			R12	W14 W15	Bedroom	100	100%	661	1.5	2.1	N/F N/F
			R13	W16	Bedroom	100	100%	593	1.5	2.8	N/F
			R14	W17 W18	Bedroom	100	100%	363	1.5	2.8	N/F N/F
			R15	W18	Bedroom	100	100%	527	1.5	2.8	N/F
			R16	W19 W20	LKD	150	100%	392	1.5	2.8	N/F
	Flat5	Fifth	R17	W21	Bedroom	100	100%	337	1.5	3.9	
			R18	W22	LKD	150	100%	394	1.5	2.8	
	Flat1	Sixth	R1	W1 W2	Living Room	150	72%	241	1.5	3.7	N/F
			R2	W3	Kitchen	200	4%	61	1.5	0.0	N/F
			R3	W4	Bedroom	100	71%	141	1.5	0.0	N/F
			R4	W5	Bedroom	100	100%	228	1.5	0.0	N/F
			R5	W6	Bedroom	100	65%	136	1.5	0.0	N/F
	Flat2	Sixth	R6	W7	LKD	150	32%	88	1.5	0.8	N/F
			R7	W8	Bedroom	100	97%	168	1.5	0.0	N/F
			R8	W9	Bedroom	100	100%	226	1.5	0.0	N/F
	Flat3	Sixth	R9	W10	Kitchen	200	52%	202	1.5	0.0	N/F
			R10	W11 W12	Living Room	150	100%	649	1.5	0.0	N/F N/F
			R11	W13	Bedroom	100	100%	326	1.5	0.0	N/F
			R12	W14 W15	Bedroom	100	100%	665	1.5	2.1	N/F N/F
			R13	W16	Bedroom	100	100%	598	1.5	2.8	N/F
	Flat4	Sixth	R14	W17 W18	Bedroom	100	100%	367	1.5	2.8	N/F N/F
			R15	W18	Bedroom	100	100%	532	1.5	2.8	N/F
			R16	W19 W20	LKD	150	100%	393	1.5	2.8	N/F
	Flat5	Sixth	R17	W21	Bedroom	100	100%	340	1.5	3.9	

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
			R18	W22	LKD	150	100%	395	1.5	2.8	
	Flat1	Seventh	R1	W1 W2	Living Room	150	100%	320	1.5	5.4	N/F
			R2	W3	Kitchen	200	19%	88	1.5	0.1	N/F
			R3	W4	Bedroom	100	99%	190	1.5	0.2	N/F
			R4	W5	Bedroom	100	100%	305	1.5	0.2	N/F
			R5	W6	Bedroom	100	100%	192	1.5	0.2	N/F
	Flat2	Seventh	R6	W7	LKD	150	49%	146	1.5	1.2	N/F
			R7	W8	Bedroom	100	100%	210	1.5	0.2	N/F
			R8	W9	Bedroom	100	100%	287	1.5	0.2	N/F
	Flat3	Seventh	R9	W10	Kitchen	200	90%	251	1.5	0.2	N/F
			R10	W11 W12	Living Room	150	100%	714	1.5	0.8	N/F N/F
			R11	W13	Bedroom	100	100%	328	1.5	0.0	N/F
			R12	W14 W15	Bedroom	100	100%	668	1.5	2.1	N/F N/F
			R13	W16	Bedroom	100	100%	601	1.5	2.8	N/F
	Flat4	Seventh	R14	W17 W18	Bedroom	100	100%	369	1.5	2.8	N/F N/F
			R15	W18	Bedroom	100	100%	535	1.5	2.8	N/F
			R16	W19 W20	LKD	150	100%	393	1.5	2.8	N/F
	Flat5	Seventh	R17	W21	Bedroom	100	100%	343	1.5	3.9	
			R18	W22	LKD	150	100%	412	1.5	2.8	
	Flat1	Eighth	R1	W1 W2	Living Room	150	100%	463	1.5	5.9	N/F
			R2	W3	Kitchen	200	46%	182	1.5	0.8	N/F
			R3	W4	Bedroom	100	100%	265	1.5	0.7	N/F
			R4	W5	Bedroom	100	100%	388	1.5	0.7	N/F
			R5	W6	Bedroom	100	100%	251	1.5	0.7	N/F
	Flat2	Eighth	R6	W7	LKD	150	83%	230	1.5	1.7	N/F
			R7	W8	Bedroom	100	100%	265	1.5	0.7	N/F
			R8	W9	Bedroom	100	100%	352	1.5	0.8	N/F
	Flat3	Eighth	R9	W10	Kitchen	200	100%	369	1.5	1.5	N/F
			R10	W11 W12	Living Room	150	100%	867	1.5	2.4	N/F N/F
			R11	W13	Bedroom	100	100%	330	1.5	0.0	N/F
			R12	W14 W15	Bedroom	100	100%	669	1.5	2.1	N/F N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
F DP1	Flat4	Eighth	R13	W16	Bedroom	100	100%	602	1.5	2.8	N/F
			R14	W17 W18	Bedroom	100	100%	370	1.5	2.8	N/F N/F
			R15	W18	Bedroom	100	100%	537	1.5	2.8	N/F
			R16	W19 W20	LKD	150	100%	393	1.5	2.8	N/F
	Flat5	Eighth	R17	W21	Bedroom	100	100%	354	1.5	3.9	
			R18	W22	LKD	150	100%	480	1.5	4.6	
		Ground	R1	W1 W2 W3	LKD	150	59%	174	1.5	0.0	N/F N/F N/F
			R2	W4	Bedroom	100	100%	159	1.5	0.0	N/F
		First	R1	W1	Bedroom	100	12%	50	1.5	0.0	N/F
			R2	W2 W3	Living Room	150	100%	247	1.5	0.0	N/F N/F
			R3	W4	Bedroom	100	100%	269	1.5	0.0	N/F
			R4	W5	Bedroom	100	100%	212	1.5	0.0	N/F
	F DP2	Ground	R1	W2 W1 W3	Kitchen	200	100%	484	1.5	2.1	N/F N/F N/F
			R2	W4	Bedroom	100	100%	286	1.5	2.1	N/F
			R3	W5	Bedroom	100	100%	203	1.5	2.1	N/F
			R1	W1 W2	Living Room	150	100%	620	1.5	2.1	N/F N/F
		First	R2	W3	Bedroom	100	100%	299	1.5	2.1	N/F
			R3	W4	Bedroom	100	100%	258	1.5	2.1	N/F
	Block F1	Flat1	R1	W1	Bedroom	100	100%	196	1.5	3.3	
			R2	W2	Bedroom	100	100%	252	1.5	3.3	
			R3	W3	Bedroom	100	100%	251	1.5	3.3	
			R4	W4 W5 W6	LKD	150	100%	468	1.5	9.3	
	Flat2	Ground	R5	W7	Bedroom	100	100%	190	1.5	4.9	
			R6	W8	Bedroom	100	100%	335	1.5	4.9	
			R7	W9	Bedroom	100	100%	222	1.5	4.9	
			R8	W10	LKD	150	74%	242	1.5	7.4	
	Flat3	Ground	R9	W11	LKD	150	96%	235	1.5	5.6	
			R10	W12	Bedroom	100	100%	208	1.5	4.9	
	Flat1	First	R1	W1	Bedroom	100	100%	363	1.5	2.8	N/F
			R2	W2	Bedroom	100	100%	373	1.5	2.8	N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
	Flat2	First	R3	W3	LKD	150	74%	302	1.5	3.6	
			R4	W4	Bedroom	100	100%	290	1.5	2.9	
			R5	W5	LKD	150	100%	340	1.5	3.2	
	Flat3	First	R6	W6	Bedroom	100	100%	257	1.5	2.8	
			R7	W7 W8	Living Room	150	100%	728	1.5	5.9	
			R8	W9	Kitchen	200	100%	356	1.5	6.4	
	Flat4	First	R9	W10	Bedroom	100	100%	567	1.5	6.4	
			R10	W11	Bedroom	100	100%	447	1.5	6.4	
			R11	W12	Bedroom	100	100%	499	1.5	6.4	
			R12	W13	Bedroom	100	100%	605	1.5	6.4	
			R13	W14 W15	Living Room	150	100%	508	1.5	6.6	N/F
			R14	W16	Kitchen	200	4%	79	1.5	1.4	N/F
	Flat5	First	R15	W17	Bedroom	100	57%	109	1.5	1.5	N/F
			R16	W18	Bedroom	100	41%	88	1.5	1.5	N/F
			R17	W19	Bedroom	100	48%	99	1.5	0.9	N/F
			R18	W20	LKD	150	0%	30	1.5	0.0	N/F
	Flat1	Second	R1	W1	Bedroom	100	100%	372	1.5	2.8	N/F
			R2	W2	Bedroom	100	100%	382	1.5	2.8	N/F
			R3	W3	LKD	150	75%	308	1.5	3.6	
	Flat2	Second	R4	W4	Bedroom	100	100%	300	1.5	2.9	
			R5	W5	LKD	150	100%	345	1.5	3.2	
	Flat3	Second	R6	W6	Bedroom	100	100%	261	1.5	2.8	
			R7	W7 W8	Living Room	150	100%	742	1.5	5.9	
			R8	W9	Kitchen	200	100%	360	1.5	6.4	
	Flat4	Second	R9	W10	Bedroom	100	100%	571	1.5	6.4	
			R10	W11	Bedroom	100	100%	456	1.5	6.4	
			R11	W12	Bedroom	100	100%	514	1.5	6.4	
			R12	W13	Bedroom	100	100%	623	1.5	6.4	
			R13	W14 W15	Living Room	150	100%	546	1.5	6.6	N/F
			R14	W16	Kitchen	200	6%	84	1.5	1.4	N/F
			R15	W17	Bedroom	100	73%	126	1.5	1.5	N/F
	Flat5	Second	R16	W18	Bedroom	100	51%	103	1.5	1.5	N/F
			R17	W19	Bedroom	100	71%	132	1.5	1.2	N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
				W15							N/F
			R14	W16	Kitchen	200	10%	96	1.5	1.4	N/F
			R15	W17	Bedroom	100	80%	145	1.5	1.5	N/F
	Flat5	Fourth	R16	W18	Bedroom	100	62%	120	1.5	1.5	N/F
			R17	W19	Bedroom	100	93%	157	1.5	1.2	N/F
			R18	W20	Bedroom	100	25%	64	1.5	0.9	N/F
			R19	W21	LKD	150	4%	58	1.5	0.5	N/F
	Flat1	Fifth	R1	W1	Bedroom	100	100%	385	1.5	2.8	N/F
			R2	W2	Bedroom	100	100%	394	1.5	2.8	N/F
			R3	W3	LKD	150	76%	312	1.5	3.6	
	Flat2	Fifth	R4	W4	Bedroom	100	100%	310	1.5	2.9	
			R5	W5	LKD	150	100%	353	1.5	3.2	
	Flat3	Fifth	R6	W6	Bedroom	100	100%	266	1.5	2.8	
			R7	W7 W8	Living Room	150	100%	754	1.5	5.9	
			R8	W9	Kitchen	200	100%	366	1.5	6.4	
			R9	W10	Bedroom	100	100%	586	1.5	6.4	
			R10	W11	Bedroom	100	100%	462	1.5	6.4	
	Flat4	Fifth	R11	W12	Bedroom	100	100%	518	1.5	6.4	
			R12	W13	Bedroom	100	100%	633	1.5	6.4	
			R13	W14 W15	Living Room	150	100%	602	1.5	6.6	N/F
			R14	W16	Kitchen	200	16%	103	1.5	1.4	N/F
			R15	W17	Bedroom	100	82%	157	1.5	1.5	N/F
	Flat5	Fifth	R16	W18	Bedroom	100	71%	131	1.5	1.5	N/F
			R17	W19	Bedroom	100	100%	174	1.5	1.2	N/F
			R18	W20	Bedroom	100	29%	74	1.5	0.9	N/F
			R19	W21	LKD	150	7%	69	1.5	0.5	N/F
	Flat1	Sixth	R1	W1	Bedroom	100	100%	368	1.5	2.8	N/F
			R2	W2	Bedroom	100	100%	397	1.5	2.8	N/F
			R3	W3	LKD	150	82%	352	1.5	4.6	
	Flat2	Sixth	R4	W4	Bedroom	100	100%	319	1.5	3.9	
			R5	W5	LKD	150	100%	393	1.5	4.6	
	Flat3	Sixth	R6	W6	Bedroom	100	100%	304	1.5	3.9	
			R7	W7 W8	Living Room	150	100%	737	1.5	5.9	
			R8	W9	Kitchen	200	85%	307	1.5	5.9	

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)			Sunlight Exposure (SE)		
						Target Lux	% of Room meeting target	Median Lux of Room	Target	Sunlight Exposure	North Facing
						(Lux)	(%)	(Lux)	(Hrs)	(Hrs)	(NF)
	Flat4	Sixth	R9	W10	Bedroom	100	100%	517	1.5	6.4	
			R10	W11	Bedroom	100	100%	410	1.5	6.4	
			R11	W12	Bedroom	100	100%	457	1.5	6.4	
			R12	W13	Bedroom	100	100%	560	1.5	6.4	
			R13	W14 W15	Living Room	150	100%	667	1.5	6.6	N/F
	Flat5	Sixth	R14	W16	Kitchen	200	36%	146	1.5	1.5	N/F
			R15	W17	Bedroom	100	90%	178	1.5	1.5	N/F
			R16	W18	Bedroom	100	86%	147	1.5	1.5	N/F
			R17	W19	Bedroom	100	100%	197	1.5	1.2	N/F
			R18	W20	Bedroom	100	40%	86	1.5	0.9	N/F
			R19	W21	LKD	150	29%	105	1.5	0.5	N/F

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
Block B	Flat1	Ground	R1	W1	Bedroom	100	100%	148
			R2	W2 W3 W4	LKD	150	100%	319
			R3	W5	Bedroom	100	100%	276
	Flat1	First	R1	W1	Bedroom	100	100%	228
			R2	W2	Kitchen	200	76%	225
			R3	W3 W4	Living Room	150	100%	506
			R4	W5	Bedroom	100	79%	120
			R5	W6	Bedroom	100	75%	119
	Flat2	First	R6	W7	Bedroom	100	74%	137
			R7	W8	Bedroom	100	100%	251
			R8	W9 W10 W11	LKD	150	100%	494
	Flat3	First	R9	W12	Bedroom	100	100%	323
			R10	W13 W14	LKD	150	100%	298
	Flat4	First	R11	W15	Living Room	150	79%	220
			R12	W16	Bedroom	100	100%	149
			R13	W17	Bedroom	100	43%	90
	Flat5	First	R14	W18	Bedroom	100	51%	101
			R15	W19	Living Room	150	8%	87

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
	Flat1	Second	R1	W1 W2 W3	LKD	150	100%	513
			R2	W4	Bedroom	100	96%	154
			R3	W5	Bedroom	100	100%	166
	Flat2	Second	R4	W6	Bedroom	100	94%	188
			R5	W7	Bedroom	100	100%	311
			R6	W8 W9 W10	LKD	150	100%	543
	Flat3	Second	R7	W11	Bedroom	100	100%	347
			R8	W12 W13	LKD	150	100%	322
	Flat4	Second	R9	W14	Bedroom	100	79%	144
			R10	W15	Living Room	150	83%	239
	Flat5	Second	R11	W16	Living Room	150	83%	238
			R12	W17	Bedroom	100	67%	122
	Flat6	Second	R13	W18 W19 W20	LKD	150	100%	348
			R14	W21	Bedroom	100	100%	358
			R15	W22	Bedroom	100	100%	242
	Flat1	Third	R1	W1 W2 W3	LKD	150	100%	568

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R2	W4	Bedroom	100	100%	216
			R3	W5	Bedroom	100	100%	222
	Flat2	Third	R4	W6	Bedroom	100	100%	242
			R5	W7	Bedroom	100	100%	360
			R6	W8 W9 W10	LKD	150	100%	583
	Flat3	Third	R7	W11	Bedroom	100	100%	352
			R8	W12 W13	LKD	150	100%	343
	Flat4	Third	R9	W14	Bedroom	100	87%	162
			R10	W15	LKD	150	62%	181
	Flat5	Third	R11	W16	LKD	150	63%	182
			R12	W17	Bedroom	100	86%	145
	Flat6	Third	R13	W18 W19 W20	LKD	150	100%	438
			R14	W21	Bedroom	100	100%	429
			R15	W22	Bedroom	100	100%	453
	Flat1	Fourth	R1	W1 W2 W3	LKD	150	100%	656
			R2	W4	Bedroom	100	100%	301
			R3	W5	Bedroom	100	100%	293

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
	Flat2	Fourth	R4	W6	Bedroom	100	100%	292
			R5	W7	Bedroom	100	100%	420
			R6	W8 W9 W10	LKD	150	100%	624
	Flat3	Fourth	R7	W11	Bedroom	100	100%	355
			R8	W12 W13	LKD	150	100%	383
	Flat4	Fourth	R9	W14	Bedroom	100	97%	198
			R10	W15	LKD	150	83%	235
	Flat5	Fourth	R11	W16	LKD	150	83%	234
			R12	W17	Bedroom	100	94%	195
	Flat6	Fourth	R13	W18 W19 W20	LKD	150	100%	515
			R14	W21	Bedroom	100	100%	442
			R15	W22	Bedroom	100	100%	459
	Flat1	Fifth	R1	W1 W2	LKD	150	100%	528
			R2	W3	Bedroom	100	100%	347
			R3	W4	Bedroom	100	100%	332
	Flat2	Fifth	R4	W5	Bedroom	100	100%	317
			R5	W6	Bedroom	100	100%	457

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
B1 DP1	Flat3	Fifth	R6	W7 W8 W9	LKD	150	100%	695
			R7	W10	Bedroom	100	100%	358
			R8	W11 W12	LKD	150	100%	499
	Flat4	Fifth	R9	W13	Bedroom	100	100%	258
			R10	W14	LKD	150	100%	378
	Flat5	Fifth	R11	W15	LKD	150	100%	377
			R12	W16	Bedroom	100	100%	264
	Flat6	Fifth	R13	W17 W18 W19	LKD	150	100%	597
			R14	W20	Bedroom	100	100%	394
			R15	W21	Bedroom	100	100%	415
	Ground	Ground	R1	W1	LKD	150	76%	353
			R2	W2	Bedroom	100	79%	170
		First	R1	W1	Living Room	150	100%	339
			R2	W2 W3 W4	Bedroom	100	100%	728
			R3	W5	Bedroom	100	100%	245
B1 DP2	Ground	Ground	R1	W1	LKD	150	88%	386
			R2	W2	Bedroom	100	96%	175

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
B1 DP3		First	R1	W1 W2	Bedroom	100	100%	491
			R2	W3	Bedroom	100	100%	256
			R3	W4	Living Room	150	100%	294
		Ground	R1	W1	LKD	150	100%	284
		First	R1	W1	Bedroom	100	100%	232
			R2	W2 W3	Bedroom	100	100%	320
Block C	Flat1	First	R1	W1	Bedroom	100	100%	175
			R2	W2 W3 W4	LKD	150	84%	261
			R3	W5	Bedroom	100	46%	95
	Flat2	First	R4	W6	Bedroom	100	92%	135
			R5	W7 W8	LKD	150	100%	325
	Flat3	First	R6	W9	Bedroom	100	100%	297
			R7	W10	Bedroom	100	100%	364
			R8	W11 W12	LKD	150	95%	216
	Flat4	First	R9	W13	Living Room	150	63%	184
			R10	W14	Bedroom	100	73%	129
			R11	W15	Bedroom	100	33%	76
	Flat5	First	R12	W16	Bedroom	100	40%	87

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R13	W17	Living Room	150	7%	77
	Flat1	Second	R1	W1 W2 W3	LKD	150	100%	572
			R2	W4	Bedroom	100	100%	190
			R3	W5	Bedroom	100	100%	161
	Flat2	Second	R4	W6	Bedroom	100	100%	152
			R5	W7 W8	LKD	150	100%	340
	Flat3	Second	R6	W9	Bedroom	100	100%	318
			R7	W10	Bedroom	100	100%	388
			R8	W11 W12	LKD	150	99%	241
	Flat4	Second	R9	W13	Bedroom	100	64%	125
			R10	W14	Living Room	150	76%	212
	Flat5	Second	R11	W15	Living Room	150	77%	209
			R12	W16	Bedroom	100	57%	110
	Flat6	Second	R13	W17 W18 W19	LKD	150	100%	361
			R14	W20	Bedroom	100	100%	394
			R15	W21	Bedroom	100	100%	232
	Flat1	Third	R1	W1 W2	LKD	150	100%	611

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
				W3				
			R2	W4	Bedroom	100	100%	227
			R3	W5	Bedroom	100	100%	194
	Flat2	Third	R4	W6	Bedroom	100	100%	169
			R5	W7 W8	LKD	150	100%	351
	Flat3	Third	R6	W9	Bedroom	100	100%	323
			R7	W10	Bedroom	100	100%	394
			R8	W11 W12	LKD	150	100%	256
	Flat4	Third	R9	W13	Bedroom	100	72%	140
			R10	W14	Living Room	150	84%	258
	Flat5	Third	R11	W15	Living Room	150	84%	255
			R12	W16	Bedroom	100	73%	131
	Flat6	Third	R13	W17 W18 W19	LKD	150	100%	438
			R14	W20	Bedroom	100	100%	439
			R15	W21	Bedroom	100	100%	448
	Flat1	Fourth	R1	W1 W2 W3	LKD	150	100%	648
			R2	W4	Bedroom	100	100%	257
			R3	W5	Bedroom	100	100%	227

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
	Flat2	Fourth	R4	W6	Bedroom	100	100%	195
			R5	W7 W8	LKD	150	100%	376
	Flat3	Fourth	R6	W9	Bedroom	100	100%	327
			R7	W10	Bedroom	100	100%	397
			R8	W11 W12	LKD	150	100%	290
	Flat4	Fourth	R9	W13	Bedroom	100	86%	184
			R10	W14	LKD	150	68%	220
	Flat5	Fourth	R11	W15	LKD	150	69%	223
			R12	W16	Bedroom	100	87%	183
	Flat6	Fourth	R13	W17 W18 W19	LKD	150	100%	505
			R14	W20	Bedroom	100	100%	437
			R15	W21	Bedroom	100	100%	452
	Flat1	Fifth	R1	W1 W2	LKD	150	100%	549
			R2	W3	Bedroom	100	100%	300
			R3	W4	Bedroom	100	100%	262
	Flat2	Fifth	R4	W5	Bedroom	100	100%	232
			R5	W6 W7	LKD	150	100%	467

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
C1 DP1	Flat3	Fifth	R6	W8	Bedroom	100	100%	329
			R7	W9	Bedroom	100	100%	400
			R8	W10 W11	LKD	150	100%	384
	Flat4	Fifth	R9	W12	Bedroom	100	100%	236
			R10	W13	LKD	150	100%	343
	Flat5	Fifth	R11	W14	LKD	150	100%	343
			R12	W15	Bedroom	100	100%	235
	Flat6	Fifth	R13	W16 W17 W18	LKD	150	100%	581
			R14	W19	Bedroom	100	100%	384
			R15	W20	Bedroom	100	100%	407
	C1 DP1	Ground	R1	W1	LKD	150	94%	315
			R2	W2	Bedroom	100	100%	218
		First	R1	W1	Bedroom	100	58%	115
			R2	W2 W3	Living Room	150	100%	574
			R3	W4	Bedroom	100	100%	260
C1 DP2	Ground	Ground	R1	W1	Bedroom	100	96%	180
			R2	W2	LKD	150	94%	396
	First	First	R1	W1	Bedroom	100	100%	245
			R2	W2	Bedroom	100	100%	500

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
C1 DP3		Ground		W3				
			R3	W4	Living Room	150	100%	294
			R1	W1	LKD	150	96%	372
			R2	W2	Bedroom	100	81%	155
			First	R1 W2	Bedroom	100	100%	491
C1 DP4		Ground		R2 W3	Bedroom	100	100%	244
				R3 W4	Living Room	150	100%	317
			R1	W1	LKD	150	77%	339
			R2	W2	Bedroom	100	71%	143
			First	R1 W2	Bedroom	100	100%	480
C1 DP5		Ground		R2 W3	Bedroom	100	100%	234
				R3 W4	Living Room	150	80%	287
			R1	W1	LKD	150	65%	210
			First	R1 W1	Bedroom	100	100%	212
			R2	W2 W3	Bedroom	100	100%	318
Block D		Ground	R1	W1	Bedroom	100	100%	240
			R2	W2	Bedroom	100	100%	419
			R3	W3 W4	LKD	150	49%	148
			R4	W5	Bedroom	100	12%	60

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
	Flat1	First	R1	W1	Living Room	150	11%	80
			R2	W2	Bedroom	100	41%	88
			R3	W3	Living Room	150	41%	130
			R4	W4	Bedroom	100	80%	125
	Flat2	First	R5	W5 W6 W7	LKD	150	100%	362
			R6	W8	Bedroom	100	100%	310
	Flat3	First	R7	W9	Bedroom	100	100%	268
			R8	W10 W11	Living Room	150	100%	276
			R9	W12	Kitchen	200	0%	43
			R10	W13	Bedroom	100	43%	95
			R11	W14	Bedroom	100	28%	76
	Flat4	First	R12	W15	Bedroom	100	47%	97
			R13	W16	Bedroom	100	75%	120
			R14	W17 W18	Living Room	150	100%	557
			R15	W19	Kitchen	200	83%	229
			R16	W20	Bedroom	100	100%	240
	Flat1	Second	R1	W1	Bedroom	100	100%	247
			R2	W2	Bedroom	100	100%	359

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R3	W3 W4 W5	LKD	150	99%	334
	Flat2	Second	R4	W6	Bedroom	100	74%	135
			R5	W7	Bedroom	100	50%	99
			R6	W8	Living Room	150	62%	178
	Flat3	Second	R7	W9	Bedroom	100	35%	76
			R8	W10	Bedroom	100	60%	114
			R9	W11	Kitchen	200	22%	123
			R10	W12 W13	Living Room	150	100%	404
			R11	W14	Bedroom	100	100%	340
	Flat4	Second	R12	W15	Bedroom	100	100%	288
			R13	W16 W17	Living Room	150	100%	290
			R14	W18	Kitchen	200	0%	43
			R15	W19	Bedroom	100	57%	106
			R16	W20	Bedroom	100	37%	87
	Flat5	Second	R17	W21	Bedroom	100	59%	109
			R18	W22	Bedroom	100	88%	131
			R19	W23 W24 W25	LKD	150	100%	537
	Flat1	Third	R1	W1	Bedroom	100	100%	451

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R2	W2	Bedroom	100	100%	419
			R3	W3 W4 W5	LKD	150	100%	392
	Flat2	Third	R4	W6	Bedroom	100	92%	164
			R5	W7	Bedroom	100	60%	122
			R6	W8	Living Room	150	76%	209
	Flat3	Third	R7	W9	Bedroom	100	44%	89
			R8	W10	Bedroom	100	72%	146
			R9	W11	Kitchen	200	34%	139
			R10	W12 W13	Living Room	150	100%	429
			R11	W14	Bedroom	100	100%	346
	Flat4	Third	R12	W15	Bedroom	100	100%	293
			R13	W16 W17	Living Room	150	100%	303
			R14	W18	Kitchen	200	0%	46
			R15	W19	Bedroom	100	75%	118
			R16	W20	Bedroom	100	48%	96
	Flat5	Third	R17	W21	Bedroom	100	70%	120
			R18	W22	Bedroom	100	95%	141
			R19	W23 W24	LKD	150	100%	554

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
				W25				
	Flat1	Fourth	R1	W1	Bedroom	100	100%	453
			R2	W2	Bedroom	100	100%	423
			R3	W3 W4 W5	LKD	150	100%	423
	Flat2	Fourth	R4	W6	Bedroom	100	100%	214
			R5	W7	Bedroom	100	82%	167
			R6	W8	LKD	150	63%	190
	Flat3	Fourth	R7	W9	Bedroom	100	62%	123
			R8	W10	Bedroom	100	92%	190
			R9	W11	Kitchen	200	50%	202
			R10	W12 W13	Living Room	150	100%	490
			R11	W14	Bedroom	100	100%	355
	Flat4	Fourth	R12	W15	Bedroom	100	100%	298
			R13	W16 W17	Living Room	150	100%	325
			R14	W18	Kitchen	200	0%	51
			R15	W19	Bedroom	100	100%	134
			R16	W20	Bedroom	100	60%	111
	Flat5	Fourth	R17	W21	Bedroom	100	96%	133
			R18	W22	Bedroom	100	100%	155

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R19	W23 W24 W25	LKD	150	100%	567
	Flat1	Fifth	R1	W1	Bedroom	100	100%	405
			R2	W2	Bedroom	100	100%	379
			R3	W3 W4 W5	LKD	150	100%	483
	Flat2	Fifth	R4	W6	Bedroom	100	100%	274
			R5	W7	Bedroom	100	100%	211
			R6	W8	LKD	150	100%	304
	Flat3	Fifth	R7	W9	Bedroom	100	93%	163
			R8	W10	Bedroom	100	100%	237
			R9	W11	Kitchen	200	90%	329
			R10	W12 W13	Living Room	150	100%	629
			R11	W14	Bedroom	100	100%	356
	Flat4	Fifth	R12	W15	Bedroom	100	100%	305
			R13	W16 W17	Living Room	150	100%	447
			R14	W18	Kitchen	200	28%	102
			R15	W19	Bedroom	100	100%	192
			R16	W20	Bedroom	100	84%	131

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
Block E	Flat5	Fifth	R17	W21	Bedroom	100	100%	152
			R18	W22	Bedroom	100	100%	172
			R19	W23 W24	LKD	150	100%	444
	Flat1	Ground	R1	W1	Bedroom	100	100%	208
			R2	W2	LKD	150	98%	228
	Flat2	Ground	R3	W3	Living Room	150	64%	180
			R4	W4	Bedroom	100	45%	92
			R5	W5	Bedroom	100	92%	136
	Flat1	First	R1	W1 W2	Living Room	150	60%	158
			R2	W3	Bedroom	100	43%	95
			R3	W4	Bedroom	100	17%	70
	Flat2	First	R4	W5	Living Room	150	31%	119
			R5	W6	Bedroom	100	52%	105
			R6	W7	Bedroom	100	40%	93
	Flat3	First	R7	W8	Bedroom	100	79%	120
			R8	W9 W10	LKD	150	100%	387
			R9	W11	Bedroom	100	100%	348
	Flat4	First	R10	W12	Bedroom	100	100%	176
			R11	W13	Living Room	150	64%	178

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
	Flat5	First	R12	W14	Living Room	150	50%	150
			R13	W15	Bedroom	100	55%	104
	Flat1	Second	R1	W1 W2	Living Room	150	39%	133
			R2	W3	Bedroom	100	26%	81
			R3	W4	Bedroom	100	18%	74
	Flat2	Second	R4	W5	Bedroom	100	34%	92
			R5	W6	Living Room	150	38%	134
	Flat3	Second	R6	W7	Bedroom	100	99%	152
			R7	W8 W9	LKD	150	100%	413
			R8	W10	Bedroom	100	100%	470
	Flat4	Second	R9	W11	Bedroom	100	100%	446
			R10	W12 W13	LKD	150	100%	473
			R11	W14	Bedroom	100	100%	212
	Flat5	Second	R12	W15	Bedroom	100	100%	191
			R13	W16	Living Room	150	71%	195
	Flat6	Second	R14	W17	Living Room	150	56%	165
			R15	W18	Bedroom	100	67%	113
	Flat1	Third	R1	W1 W2	Living Room	150	45%	144
			R2	W3	Bedroom	100	43%	90

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R3	W4	Bedroom	100	30%	84
	Flat2	Third	R4	W5	Bedroom	100	56%	103
			R5	W6	Living Room	150	46%	147
	Flat3	Third	R6	W7	Bedroom	100	100%	172
			R7	W8 W9	LKD	150	100%	427
			R8	W10	Bedroom	100	100%	475
	Flat4	Third	R9	W11	Bedroom	100	100%	453
			R10	W12 W13	LKD	150	100%	490
			R11	W14	Bedroom	100	100%	226
	Flat5	Third	R12	W15	Bedroom	100	100%	203
			R13	W16	Living Room	150	79%	221
	Flat6	Third	R14	W17	Living Room	150	65%	186
			R15	W18	Bedroom	100	82%	156
	Flat1	Fourth	R1	W1 W2	Living Room	150	57%	160
			R2	W3	Bedroom	100	66%	121
			R3	W4	Bedroom	100	55%	106
	Flat2	Fourth	R4	W5	Bedroom	100	80%	124
			R5	W6	Living Room	150	60%	177
	Flat3	Fourth	R6	W7	Bedroom	100	100%	224

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R7	W8 W9	LKD	150	100%	456
			R8	W10	Bedroom	100	100%	482
	Flat4	Fourth	R9	W11	Bedroom	100	100%	461
			R10	W12 W13	LKD	150	100%	514
			R11	W14	Bedroom	100	100%	246
	Flat5	Fourth	R12	W15	Bedroom	100	100%	229
			R13	W16	Living Room	150	90%	287
	Flat6	Fourth	R14	W17	Living Room	150	87%	264
			R15	W18	Bedroom	100	100%	193
	Flat1	Fifth	R1	W1 W2	Living Room	150	90%	193
			R2	W3	Bedroom	100	85%	169
			R3	W4	Bedroom	100	95%	141
	Flat2	Fifth	R4	W5	Bedroom	100	100%	167
			R5	W6	Living Room	150	93%	270
	Flat3	Fifth	R6	W7	Bedroom	100	100%	269
			R7	W8 W9	LKD	150	100%	527
			R8	W10	Bedroom	100	100%	488
	Flat4	Fifth	R9	W11	Bedroom	100	100%	466

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R10	W12 W13	LKD	150	100%	603
			R11	W14	Bedroom	100	100%	272
	Flat5	Fifth	R12	W15	Bedroom	100	100%	258
			R13	W16	LKD	150	69%	214
	Flat6	Fifth	R14	W17	LKD	150	71%	223
			R15	W18	Bedroom	100	100%	236
	Flat1	Sixth	R1	W1 W2	LKD	150	78%	200
			R2	W3	Bedroom	100	100%	238
			R3	W4	Bedroom	100	100%	196
	Flat2	Sixth	R4	W5	Bedroom	100	100%	227
			R5	W6	LKD	150	75%	224
	Flat3	Sixth	R6	W7	Bedroom	100	100%	330
			R7	W8 W9	LKD	150	100%	609
			R8	W10	Bedroom	100	100%	493
	Flat4	Sixth	R9	W11	Bedroom	100	100%	469
			R10	W12 W13	LKD	150	100%	839
			R11	W14	Bedroom	100	100%	299
	Flat5	Sixth	R12	W15	Bedroom	100	100%	288
			R13	W16	LKD	150	83%	265

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
	Flat6	Sixth	R14	W17	LKD	150	100%	287
			R15	W18	Bedroom	100	100%	279
	Flat1	Seventh	R1	W1 W2	LKD	150	100%	267
			R2	W3	Bedroom	100	100%	316
			R3	W4	Bedroom	100	100%	261
	Flat2	Seventh	R4	W5	Bedroom	100	100%	292
			R5	W6	LKD	150	88%	295
	Flat3	Seventh	R6	W7	Bedroom	100	100%	391
			R7	W8 W9	LKD	150	100%	682
			R8	W10	Bedroom	100	100%	498
	Flat4	Seventh	R9	W11	Bedroom	100	100%	474
			R10	W12 W13	LKD	150	100%	849
			R11	W14	Bedroom	100	100%	312
	Flat5	Seventh	R12	W15	Bedroom	100	100%	308
			R13	W16	LKD	150	100%	291
	Flat6	Seventh	R14	W17	LKD	150	100%	313
			R15	W18	Bedroom	100	100%	302
	Flat1	Eighth	R1	W1 W2	LKD	150	100%	366

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R2	W3	Bedroom	100	100%	363
			R3	W4	Bedroom	100	100%	303
	Flat2	Eighth	R4	W5	Bedroom	100	100%	335
			R5	W6	LKD	150	100%	328
	Flat3	Eighth	R6	W7	Bedroom	100	100%	419
			R7	W8 W9	LKD	150	100%	713
			R8	W10	Bedroom	100	100%	504
	Flat4	Eighth	R9	W11	Bedroom	100	100%	478
			R10	W12 W13	LKD	150	100%	857
			R11	W14	Bedroom	100	100%	316
	Flat5	Eighth	R12	W15	Bedroom	100	100%	317
			R13	W16	LKD	150	100%	301
	Flat6	Eighth	R14	W17	LKD	150	100%	324
			R15	W18	Bedroom	100	100%	312
	Flat1	Ninth	R1	W1 W2	LKD	150	100%	507
			R2	W3	Bedroom	100	100%	410
			R3	W4	Bedroom	100	100%	335
	Flat2	Ninth	R4	W5	Bedroom	100	100%	372
			R5	W6	LKD	150	100%	403

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
E DP1	Flat3	Ninth	R6	W7	Bedroom	100	100%	442
			R7	W8 W9	LKD	150	100%	697
			R8	W10	Bedroom	100	100%	442
	Flat4	Ninth	R9	W11	Bedroom	100	100%	417
			R10	W12 W13	LKD	150	100%	808
			R11	W14	Bedroom	100	100%	323
	Flat5	Ninth	R12	W15	Bedroom	100	100%	327
			R13	W16	LKD	150	100%	337
	Flat6	Ninth	R14	W17	LKD	150	100%	364
			R15	W18	Bedroom	100	100%	323
	Ground	Ground	R1	W1	Bedroom	100	100%	293
			R2	W2 W3	LKD	150	100%	457
			R3	W4	Bedroom	100	77%	113
		First	R1	W1	Bedroom	100	100%	210
			R2	W2 W3 W4	Living Room	150	100%	732
			R3	W5	Bedroom	100	77%	128
Block E1	Ground	Ground	R1	W1	Living Room	150	63%	180
			R2	W3	Bedroom	100	100%	199

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R3	W4	Bedroom	100	91%	133
			R4	W5	LKD	150	65%	187
			R5	W6	Bedroom	100	100%	218
	Flat1	First	R1	W1 W2	Living Room	150	95%	297
			R2	W3	Bedroom	100	85%	130
			R3	W4	Bedroom	100	70%	137
	Flat2	First	R4	W5	LKD	150	67%	196
			R5	W6	Bedroom	100	100%	231
	Flat3	First	R6	W7	Living Room	150	30%	121
			R7	W8	Bedroom	100	21%	68
	Flat4	First	R8	W9	Living Room	150	29%	109
			R9	W10	Bedroom	100	0%	22
	Flat1	Second	R1	W1 W2	LKD	150	57%	176
			R2	W3	Bedroom	100	89%	136
			R3	W4	Bedroom	100	73%	144
	Flat2	Second	R4	W5	LKD	150	71%	204
			R5	W6	Bedroom	100	100%	251
	Flat3	Second	R6	W7	Bedroom	100	100%	207
			R7	W8 W9 W10	LKD	150	100%	536

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R8	W11	Bedroom	100	100%	322
	Flat4	Second	R9	W12	Bedroom	100	100%	349
			R10	W13 W14	LKD	150	100%	341
			R11	W15	Bedroom	100	40%	88
	Flat5	Second	R12	W16	Living Room	150	45%	142
			R13	W17	Bedroom	100	43%	94
	Flat6	Second	R14	W18	Bedroom	100	27%	75
			R15	W19	Living Room	150	0%	41
	Flat1	Third	R1	W1 W2	LKD	150	59%	186
			R2	W3	Bedroom	100	92%	145
			R3	W4	Bedroom	100	77%	158
	Flat2	Third	R4	W5	LKD	150	77%	211
			R5	W6	Bedroom	100	100%	264
	Flat3	Third	R6	W7	Bedroom	100	100%	219
			R7	W8 W9 W10	LKD	150	100%	553
			R8	W11	Bedroom	100	100%	326
	Flat4	Third	R9	W12	Bedroom	100	100%	353
			R10	W13 W14	LKD	150	100%	351

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R11	W15	Bedroom	100	47%	98
	Flat5	Third	R12	W16	Living Room	150	51%	152
			R13	W17	Bedroom	100	55%	107
	Flat6	Third	R14	W18	Bedroom	100	34%	84
			R15	W19	Living Room	150	0%	45
	Flat1	Fourth	R1	W1 W2	LKD	150	64%	205
			R2	W3	Bedroom	100	100%	166
			R3	W4	Bedroom	100	88%	182
	Flat2	Fourth	R4	W5	LKD	150	81%	230
			R5	W6	Bedroom	100	100%	280
	Flat3	Fourth	R6	W7	Bedroom	100	100%	237
			R7	W8 W9 W10	LKD	150	100%	572
			R8	W11	Bedroom	100	100%	330
	Flat4	Fourth	R9	W12	Bedroom	100	100%	357
			R10	W13 W14	LKD	150	100%	362
			R11	W15	Bedroom	100	59%	110
	Flat5	Fourth	R12	W16	Living Room	150	60%	170
			R13	W17	Bedroom	100	68%	121

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
	Flat6	Fourth	R14	W18	Bedroom	100	47%	98
			R15	W19	Living Room	150	0%	52
	Flat1	Fifth	R1	W1 W2	LKD	150	76%	254
			R2	W3	Bedroom	100	100%	208
			R3	W4	Bedroom	100	99%	229
	Flat2	Fifth	R4	W5	LKD	150	87%	259
			R5	W6	Bedroom	100	100%	309
	Flat3	Fifth	R6	W7	Bedroom	100	100%	255
			R7	W8 W9 W10	LKD	150	100%	587
			R8	W11	Bedroom	100	100%	332
	Flat4	Fifth	R9	W12	Bedroom	100	100%	360
			R10	W13 W14	LKD	150	100%	382
			R11	W15	Bedroom	100	78%	126
	Flat5	Fifth	R12	W16	Living Room	150	73%	198
			R13	W17	Bedroom	100	98%	147
	Flat6	Fifth	R14	W18	Bedroom	100	64%	118
			R15	W19	Living Room	150	13%	66
	Flat1	Sixth	R1	W1 W2	LKD	150	100%	316

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R2	W3	Bedroom	100	100%	250
			R3	W4	Bedroom	100	100%	268
	Flat2	Sixth	R4	W5	LKD	150	99%	287
			R5	W6	Bedroom	100	100%	337
	Flat3	Sixth	R6	W7	Bedroom	100	100%	279
			R7	W8 W9 W10	LKD	150	100%	603
			R8	W11	Bedroom	100	100%	335
	Flat4	Sixth	R9	W12	Bedroom	100	100%	362
			R10	W13 W14	LKD	150	100%	411
			R11	W15	Bedroom	100	96%	166
	Flat5	Sixth	R12	W16	Living Room	150	94%	266
			R13	W17	Bedroom	100	100%	207
	Flat6	Sixth	R14	W18	Bedroom	100	77%	151
			R15	W19	Living Room	150	29%	100
	Flat1	Seventh	R1	W1 W2	LKD	150	100%	368
			R2	W3	Bedroom	100	100%	313
			R3	W4	Bedroom	100	100%	288
	Flat2	Seventh	R4	W5	LKD	150	100%	333
			R5	W6	Bedroom	100	100%	354

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
E1 DP1	Flat3	Seventh	R6	W7	Bedroom	100	100%	294
			R7	W8 W9 W10	LKD	150	100%	652
			R8	W11	Bedroom	100	100%	337
	Flat4	Seventh	R9	W12	Bedroom	100	100%	363
			R10	W13 W14	LKD	150	100%	540
			R11	W15	Bedroom	100	100%	210
	Flat5	Seventh	R12	W16	LKD	150	76%	243
			R13	W17	Bedroom	100	100%	286
	Flat6	Seventh	R14	W18	Bedroom	100	93%	218
			R15	W19	Living Room	150	74%	217
	Ground	Ground	R1	W1 W2	LKD	150	86%	287
			R2	W3 W4	Bedroom	100	100%	326
		First	R1	W1	Bedroom	100	94%	138
			R2	W2 W3	Living Room	150	100%	339
E1 DP2	Ground	Ground	R3	W4	Bedroom	100	100%	268
			R4	W5	Bedroom	100	100%	227
			R1	W1	Bedroom	100	94%	165

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
Block F	Flat1	First	R2	W2 W3 W4	LKD	150	66%	210
			R1	W1	Bedroom	100	100%	223
			R2	W2	Bedroom	100	100%	248
			R3	W3	Bedroom	100	100%	189
			R4	W4	Living Room	150	58%	163
			R1	W1 W2	Living Room	150	46%	131
			R2	W3	Kitchen	200	0%	25
			R3	W4	Bedroom	100	10%	48
			R4	W5	Bedroom	100	22%	71
			R5	W6	Bedroom	100	11%	48
	Flat2	First	R6	W7	Living Room	150	10%	72
			R7	W8	Bedroom	100	37%	86
			R8	W9	Bedroom	100	33%	80
	Flat3	First	R9	W10	Bedroom	100	100%	167
			R10	W11	Bedroom	100	100%	279
			R11	W12	Bedroom	100	100%	247
			R12	W13	LKD	150	98%	299
	Flat1	Second	R1	W1 W2	Living Room	150	50%	147
			R2	W3	Kitchen	200	0%	23

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R3	W4	Bedroom	100	16%	60
			R4	W5	Bedroom	100	40%	90
			R5	W6	Bedroom	100	16%	59
	Flat2	Second	R6	W7	Living Room	150	7%	68
			R7	W8	Bedroom	100	43%	90
			R8	W9	Bedroom	100	56%	110
	Flat3	Second	R9	W10	Kitchen	200	10%	131
			R10	W11 W12	Living Room	150	100%	530
			R11	W13	Bedroom	100	100%	317
			R12	W14 W15	Bedroom	100	100%	641
			R13	W16	Bedroom	100	100%	571
	Flat4	Second	R14	W17 W18	Bedroom	100	100%	353
			R15	W18	Bedroom	100	100%	507
			R16	W19 W20	LKD	150	100%	386
	Flat5	Second	R17	W21	Bedroom	100	100%	322
			R18	W22	LKD	150	100%	382
	Flat1	Third	R1	W1 W2	Living Room	150	51%	157
			R2	W3	Kitchen	200	0%	25

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R3	W4	Bedroom	100	23%	67
			R4	W5	Bedroom	100	50%	99
			R5	W6	Bedroom	100	22%	67
	Flat2	Third	R6	W7	Living Room	150	9%	74
			R7	W8	Bedroom	100	49%	98
			R8	W9	Bedroom	100	64%	117
	Flat3	Third	R9	W10	Kitchen	200	13%	137
			R10	W11 W12	Living Room	150	100%	546
			R11	W13	Bedroom	100	100%	321
			R12	W14 W15	Bedroom	100	100%	650
			R13	W16	Bedroom	100	100%	579
	Flat4	Third	R14	W17 W18	Bedroom	100	100%	361
			R15	W18	Bedroom	100	100%	518
			R16	W19 W20	LKD	150	100%	389
	Flat5	Third	R17	W21	Bedroom	100	100%	330
			R18	W22	LKD	150	100%	387
	Flat1	Fourth	R1	W1 W2	Living Room	150	54%	169
			R2	W3	Kitchen	200	0%	29

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R3	W4	Bedroom	100	33%	75
			R4	W5	Bedroom	100	64%	115
			R5	W6	Bedroom	100	32%	77
	Flat2	Fourth	R6	W7	Living Room	150	14%	86
			R7	W8	Bedroom	100	59%	110
			R8	W9	Bedroom	100	77%	132
	Flat3	Fourth	R9	W10	Kitchen	200	16%	146
			R10	W11 W12	Living Room	150	100%	559
			R11	W13	Bedroom	100	100%	323
			R12	W14 W15	Bedroom	100	100%	658
			R13	W16	Bedroom	100	100%	588
	Flat4	Fourth	R14	W17 W18	Bedroom	100	100%	364
			R15	W18	Bedroom	100	100%	522
			R16	W19 W20	LKD	150	100%	390
	Flat5	Fourth	R17	W21	Bedroom	100	100%	334
			R18	W22	LKD	150	100%	391
	Flat1	Fifth	R1	W1 W2	Living Room	150	60%	192
			R2	W3	Kitchen	200	0%	36

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R3	W4	Bedroom	100	48%	92
			R4	W5	Bedroom	100	94%	160
			R5	W6	Bedroom	100	43%	93
	Flat2	Fifth	R6	W7	Living Room	150	33%	107
			R7	W8	Bedroom	100	75%	135
			R8	W9	Bedroom	100	95%	164
	Flat3	Fifth	R9	W10	Kitchen	200	27%	167
			R10	W11 W12	Living Room	150	100%	585
			R11	W13	Bedroom	100	100%	325
			R12	W14 W15	Bedroom	100	100%	661
			R13	W16	Bedroom	100	100%	593
	Flat4	Fifth	R14	W17 W18	Bedroom	100	100%	369
			R15	W18	Bedroom	100	100%	527
			R16	W19 W20	LKD	150	100%	392
	Flat5	Fifth	R17	W21	Bedroom	100	100%	337
			R18	W22	LKD	150	100%	394
	Flat1	Sixth	R1	W1 W2	Living Room	150	72%	241
			R2	W3	Kitchen	200	4%	58

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R3	W4	Bedroom	100	71%	141
			R4	W5	Bedroom	100	100%	228
			R5	W6	Bedroom	100	65%	136
	Flat2	Sixth	R6	W7	Living Room	150	60%	167
			R7	W8	Bedroom	100	97%	168
			R8	W9	Bedroom	100	100%	226
	Flat3	Sixth	R9	W10	Kitchen	200	52%	202
			R10	W11 W12	Living Room	150	100%	649
			R11	W13	Bedroom	100	100%	327
			R12	W14 W15	Bedroom	100	100%	665
			R13	W16	Bedroom	100	100%	598
	Flat4	Sixth	R14	W17 W18	Bedroom	100	100%	373
			R15	W18	Bedroom	100	100%	532
			R16	W19 W20	LKD	150	100%	393
	Flat5	Sixth	R17	W21	Bedroom	100	100%	340
			R18	W22	LKD	150	100%	395
	Flat1	Seventh	R1	W1 W2	Living Room	150	100%	320
			R2	W3	Kitchen	200	18%	85

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R3	W4	Bedroom	100	99%	190
			R4	W5	Bedroom	100	100%	305
			R5	W6	Bedroom	100	100%	192
	Flat2	Seventh	R6	W7	Living Room	150	89%	227
			R7	W8	Bedroom	100	100%	210
			R8	W9	Bedroom	100	100%	287
	Flat3	Seventh	R9	W10	Kitchen	200	90%	251
			R10	W11 W12	Living Room	150	100%	714
			R11	W13	Bedroom	100	100%	329
			R12	W14 W15	Bedroom	100	100%	668
			R13	W16	Bedroom	100	100%	601
	Flat4	Seventh	R14	W17 W18	Bedroom	100	100%	375
			R15	W18	Bedroom	100	100%	535
			R16	W19 W20	LKD	150	100%	393
	Flat5	Seventh	R17	W21	Bedroom	100	100%	343
			R18	W22	LKD	150	100%	412
	Flat1	Eighth	R1	W1 W2	Living Room	150	100%	463
			R2	W3	Kitchen	200	45%	173

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
F DP1	Flat2	Eighth	R3	W4	Bedroom	100	100%	265
			R4	W5	Bedroom	100	100%	388
			R5	W6	Bedroom	100	100%	251
			R6	W7	LKD	150	83%	230
			R7	W8	Bedroom	100	100%	265
			R8	W9	Bedroom	100	100%	352
	Flat3	Eighth	R9	W10	Kitchen	200	100%	369
			R10	W11 W12	Living Room	150	100%	867
			R11	W13	Bedroom	100	100%	330
			R12	W14 W15	Bedroom	100	100%	669
			R13	W16	Bedroom	100	100%	602
			R14	W17 W18	Bedroom	100	100%	377
	Flat4	Eighth	R15	W18	Bedroom	100	100%	537
			R16	W19 W20	LKD	150	100%	393
			R17	W21	Bedroom	100	100%	354
			R18	W22	LKD	150	100%	480
	Flat5	Eighth	R17	W21	Bedroom	100	100%	354
			R18	W22	LKD	150	100%	480
	F DP1	Ground	R1	W1 W2 W3	Living Room	150	96%	278

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
F DP2		First	R2	W4	Bedroom	100	100%	159
			R1	W1	Bedroom	100	12%	50
			R2	W2 W3	Living Room	150	100%	247
			R3	W4	Bedroom	100	100%	270
			R4	W5	Bedroom	100	100%	212
		Ground	R1	W2 W1 W3	Kitchen	200	100%	484
			R2	W4	Bedroom	100	100%	286
			R3	W5	Bedroom	100	100%	203
			R1	W1 W2	Living Room	150	100%	620
			R2	W3	Bedroom	100	100%	299
Block F1	Flat1	Ground	R3	W4	Bedroom	100	100%	258
			R1	W1	Bedroom	100	100%	196
			R2	W2	Bedroom	100	100%	252
			R3	W3	Bedroom	100	100%	251
			R4	W4 W5 W6	LKD	150	100%	467
	Flat2	Ground	R5	W7	Bedroom	100	100%	188
			R6	W8	Bedroom	100	100%	332
			R7	W9	Bedroom	100	100%	219

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R8	W10	LKD	150	74%	240
	Flat3	Ground	R9	W11	LKD	150	96%	234
			R10	W12	Bedroom	100	100%	208
	Flat1	First	R1	W1	Bedroom	100	100%	363
			R2	W2	Bedroom	100	100%	373
			R3	W3	LKD	150	74%	302
	Flat2	First	R4	W4	Bedroom	100	100%	290
			R5	W5	LKD	150	100%	340
	Flat3	First	R6	W6	Bedroom	100	100%	257
			R7	W7 W8	Living Room	150	100%	728
			R8	W9	Kitchen	200	100%	355
			R9	W10	Bedroom	100	100%	582
			R10	W11	Bedroom	100	100%	445
	Flat4	First	R11	W12	Bedroom	100	100%	416
			R12	W13	Bedroom	100	100%	700
			R13	W14 W15	Living Room	150	100%	547
			R14	W16	Kitchen	200	5%	80
			R15	W17	Bedroom	100	62%	114
	Flat5	First	R16	W18	Bedroom	100	41%	87

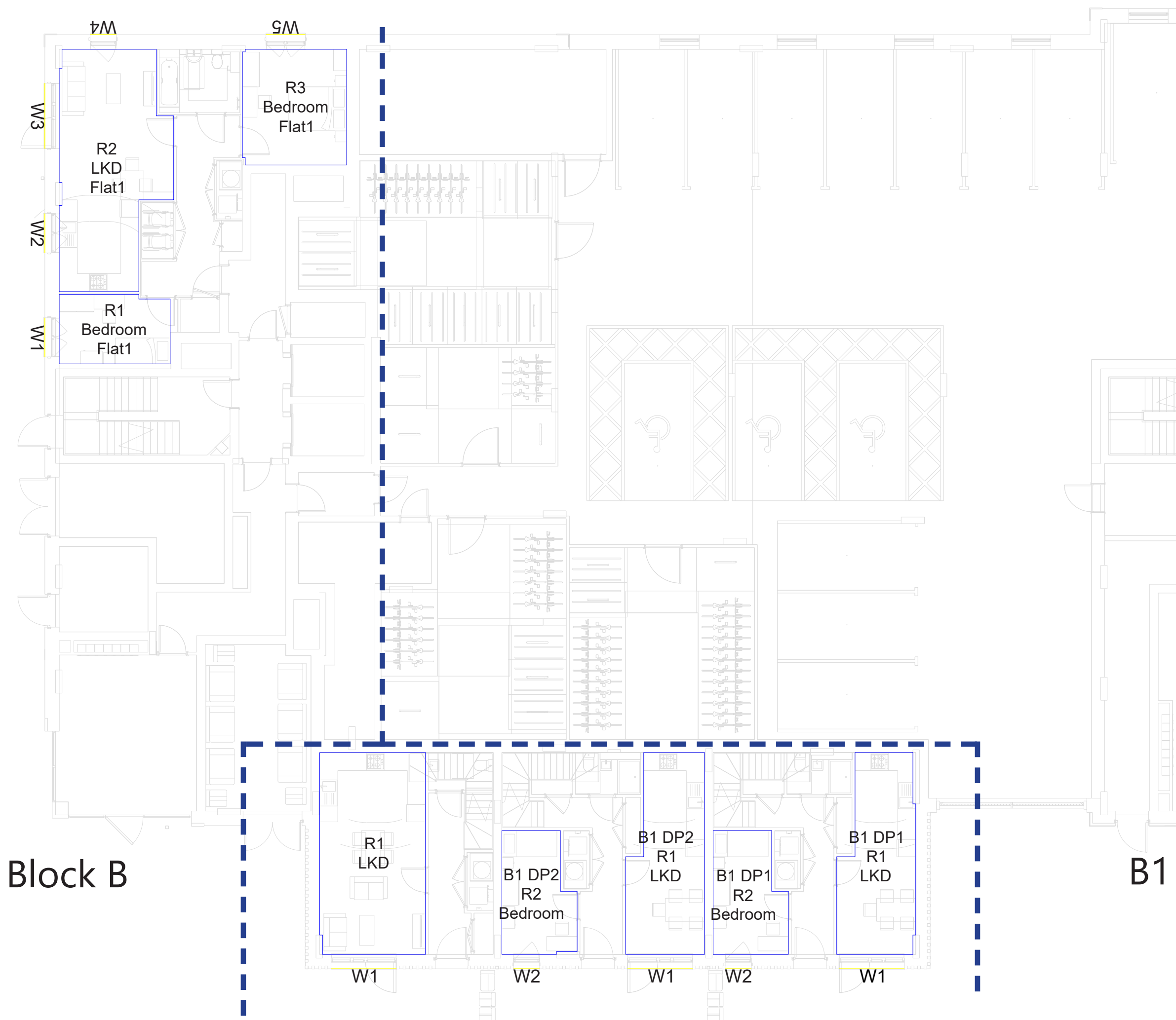
Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R17	W19	Bedroom	100	33%	91
			R18	W20	Living Room	150	0%	48
	Flat1	Second	R1	W1	Bedroom	100	100%	372
			R2	W2	Bedroom	100	100%	382
			R3	W3	LKD	150	75%	308
	Flat2	Second	R4	W4	Bedroom	100	100%	300
			R5	W5	LKD	150	100%	345
	Flat3	Second	R6	W6	Bedroom	100	100%	261
			R7	W7 W8	Living Room	150	100%	742
			R8	W9	Kitchen	200	100%	359
			R9	W10	Bedroom	100	100%	596
			R10	W11	Bedroom	100	100%	456
	Flat4	Second	R11	W12	Bedroom	100	100%	429
			R12	W13	Bedroom	100	100%	720
			R13	W14 W15	Living Room	150	100%	599
			R14	W16	Kitchen	200	6%	88
			R15	W17	Bedroom	100	80%	129
	Flat5	Second	R16	W18	Bedroom	100	51%	103
			R17	W19	Bedroom	100	71%	132
			R18	W20	Bedroom	100	21%	53

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R19	W21	Living Room	150	2%	57
	Flat1	Third	R1	W1	Bedroom	100	100%	376
			R2	W2	Bedroom	100	100%	387
			R3	W3	LKD	150	76%	310
	Flat2	Third	R4	W4	Bedroom	100	100%	305
			R5	W5	LKD	150	100%	348
	Flat3	Third	R6	W6	Bedroom	100	100%	263
			R7	W7 W8	Living Room	150	100%	746
			R8	W9	Kitchen	200	100%	361
			R9	W10	Bedroom	100	100%	602
			R10	W11	Bedroom	100	100%	458
	Flat4	Third	R11	W12	Bedroom	100	100%	434
			R12	W13	Bedroom	100	100%	725
			R13	W14 W15	Living Room	150	100%	615
			R14	W16	Kitchen	200	8%	94
			R15	W17	Bedroom	100	88%	138
	Flat5	Third	R16	W18	Bedroom	100	56%	112
			R17	W19	Bedroom	100	82%	143
			R18	W20	Bedroom	100	24%	58

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
			R19	W21	Living Room	150	3%	63
	Flat1	Fourth	R1	W1	Bedroom	100	100%	381
			R2	W2	Bedroom	100	100%	391
			R3	W3	LKD	150	76%	311
	Flat2	Fourth	R4	W4	Bedroom	100	100%	308
			R5	W5	LKD	150	100%	350
	Flat3	Fourth	R6	W6	Bedroom	100	100%	265
			R7	W7 W8	Living Room	150	100%	750
			R8	W9	Kitchen	200	100%	362
			R9	W10	Bedroom	100	100%	607
			R10	W11	Bedroom	100	100%	459
	Flat4	Fourth	R11	W12	Bedroom	100	100%	438
			R12	W13	Bedroom	100	100%	731
			R13	W14 W15	Living Room	150	100%	637
			R14	W16	Kitchen	200	11%	100
			R15	W17	Bedroom	100	99%	150
	Flat5	Fourth	R16	W18	Bedroom	100	62%	120
			R17	W19	Bedroom	100	93%	157
			R18	W20	Bedroom	100	26%	65
			R19	W21	Living Room	150	6%	71

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
	Flat1	Fifth	R1	W1	Bedroom	100	100%	385
			R2	W2	Bedroom	100	100%	394
			R3	W3	LKD	150	76%	312
	Flat2	Fifth	R4	W4	Bedroom	100	100%	310
			R5	W5	LKD	150	100%	353
	Flat3	Fifth	R6	W6	Bedroom	100	100%	266
			R7	W7 W8	Living Room	150	100%	754
			R8	W9	Kitchen	200	100%	366
			R9	W10	Bedroom	100	100%	613
			R10	W11	Bedroom	100	100%	462
	Flat4	Fifth	R11	W12	Bedroom	100	100%	440
			R12	W13	Bedroom	100	100%	738
			R13	W14 W15	Living Room	150	100%	659
			R14	W16	Kitchen	200	17%	109
			R15	W17	Bedroom	100	100%	163
	Flat5	Fifth	R16	W18	Bedroom	100	71%	131
			R17	W19	Bedroom	100	100%	174
			R18	W20	Bedroom	100	29%	74
			R19	W21	Living Room	150	10%	83

Building Name	Unit No.	Floor	Room	Window	Room Use	Illuminance (SDA)		
						Target Lux (Lux)	% of Room meeting target (%)	Median Lux of Room (Lux)
	Flat1	Sixth	R1	W1	Bedroom	100	100%	368
			R2	W2	Bedroom	100	100%	397
			R3	W3	LKD	150	82%	352
	Flat2	Sixth	R4	W4	Bedroom	100	100%	319
			R5	W5	LKD	150	100%	393
	Flat3	Sixth	R6	W6	Bedroom	100	100%	304
			R7	W7 W8	Living Room	150	100%	737
			R8	W9	Kitchen	200	85%	307
			R9	W10	Bedroom	100	100%	542
			R10	W11	Bedroom	100	100%	410
	Flat4	Sixth	R11	W12	Bedroom	100	100%	391
			R12	W13	Bedroom	100	100%	635
			R13	W14 W15	Living Room	150	100%	727
			R14	W16	Kitchen	200	37%	149
			R15	W17	Bedroom	100	100%	186
	Flat5	Sixth	R16	W18	Bedroom	100	86%	147
			R17	W19	Bedroom	100	100%	197
			R18	W20	Bedroom	100	41%	87
			R19	W21	Living Room	150	42%	133



Block B

B1

Sources of information

Survey Solutions

31652BWLS-01.dwg
3103-DGM-ZZ-3D-X-M3-X-0001-001.rvt
Received 02/08/2021

3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
Received 21/10/2021

PRP

AVD-PRP-1B-00-GA-A-20700 - Phase 1B -
Ground & First Floor Plan_1.dwg
AVD-PRP-1B-02-GA-A-20701 - Phase 1B - Level
02 & 03 Plan_1.dwg
AVD-PRP-1B-04-GA-A-20702 - Phase 1B - Level
04 & 05 Plan_1.dwg
AVD-PRP-1B-06-GA-A-20703 - Phase 1B - Level
06 & 07 Plan_1.dwg
AVD-PRP-02-00-GA-A-20800 - Phase 2 -
Ground & First Floor Plan.dwg
Received 15/12/2025

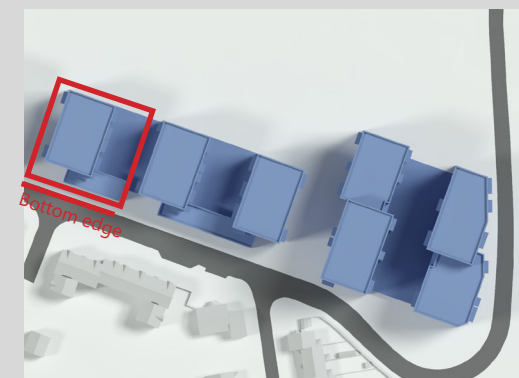
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Site Photographs
Ordnance Survey

NORTH



Key Plan



Note: Red rectangle represents the drawing sheet
and North Arrow denotes the orientation of the
building.

Project Avondale Drive

Title Ground Floor
Block B-B1
Room Layout

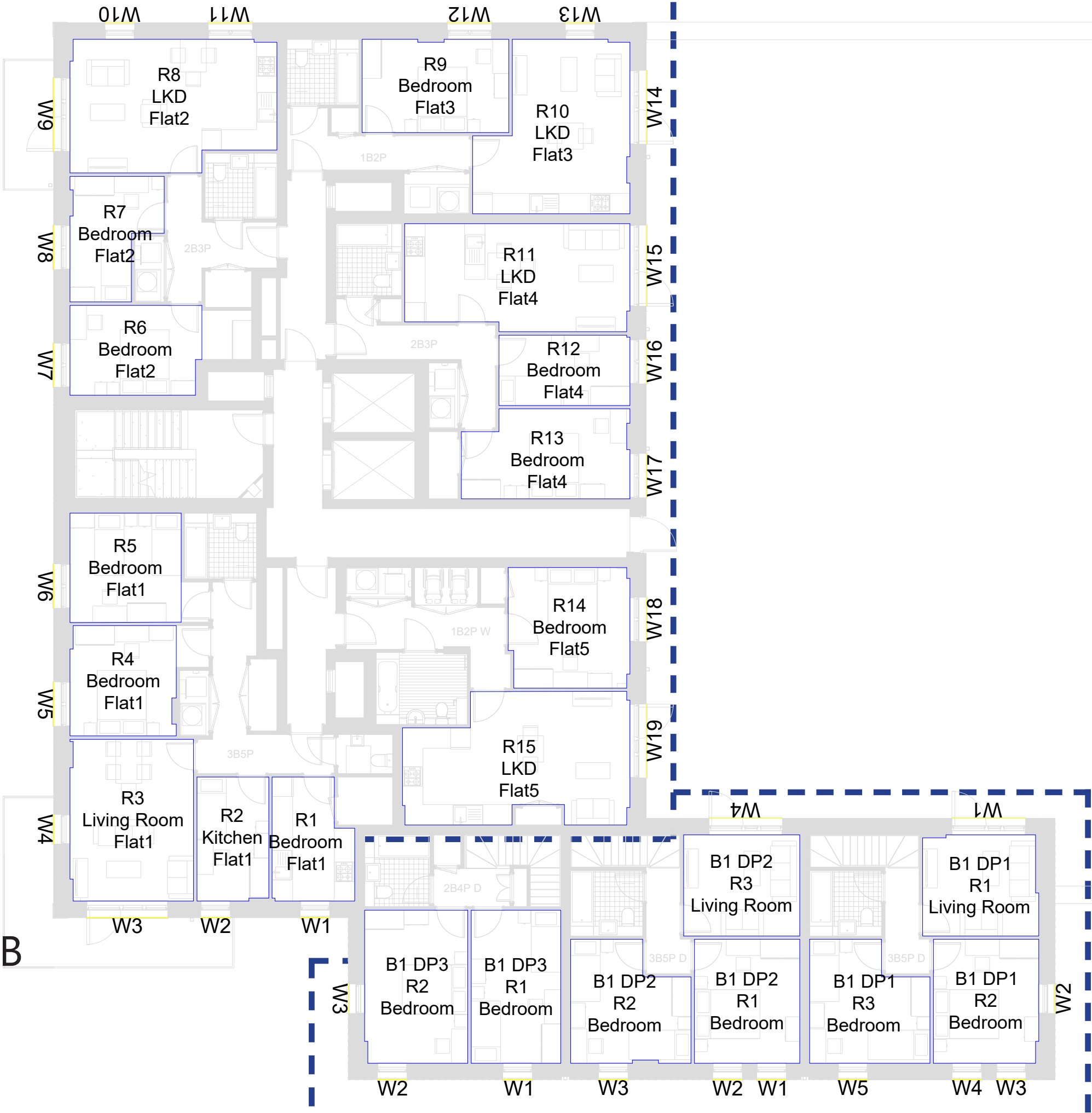
Drawn JG Checked --

Date 17/12/2025 Project 4900

Rel no. 22 Prefix ID01 Page no. 01

Block B

B1



Sources of information

Survey Solutions
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3103-DGM-ZZ-3D-X-M3-X-0001-001.rvt
Received 02/08/2021

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Received 21/10/2021

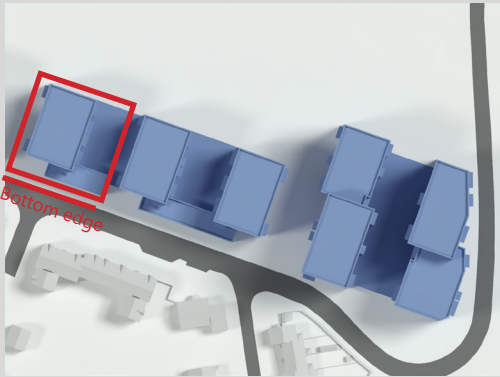
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02 & 03 Plan_1.dwg
AVD-PRP-1B-04-GA-A-20702 - Phase 1B - Level
04 & 05 Plan_1.dwg
AVD-PRP-1B-06-GA-A-20703 - Phase 1B - Level
06 & 07 Plan_1.dwg
AVD-PRP-02-00-GA-A-20800 - Phase 2 -
Ground & First Floor Plan.dwg
Received 15/12/2025

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Site Photographs
Ordnance Survey

NORTH



Key Plan



Note: Red rectangle represents the drawing sheet
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Project Avondale Drive

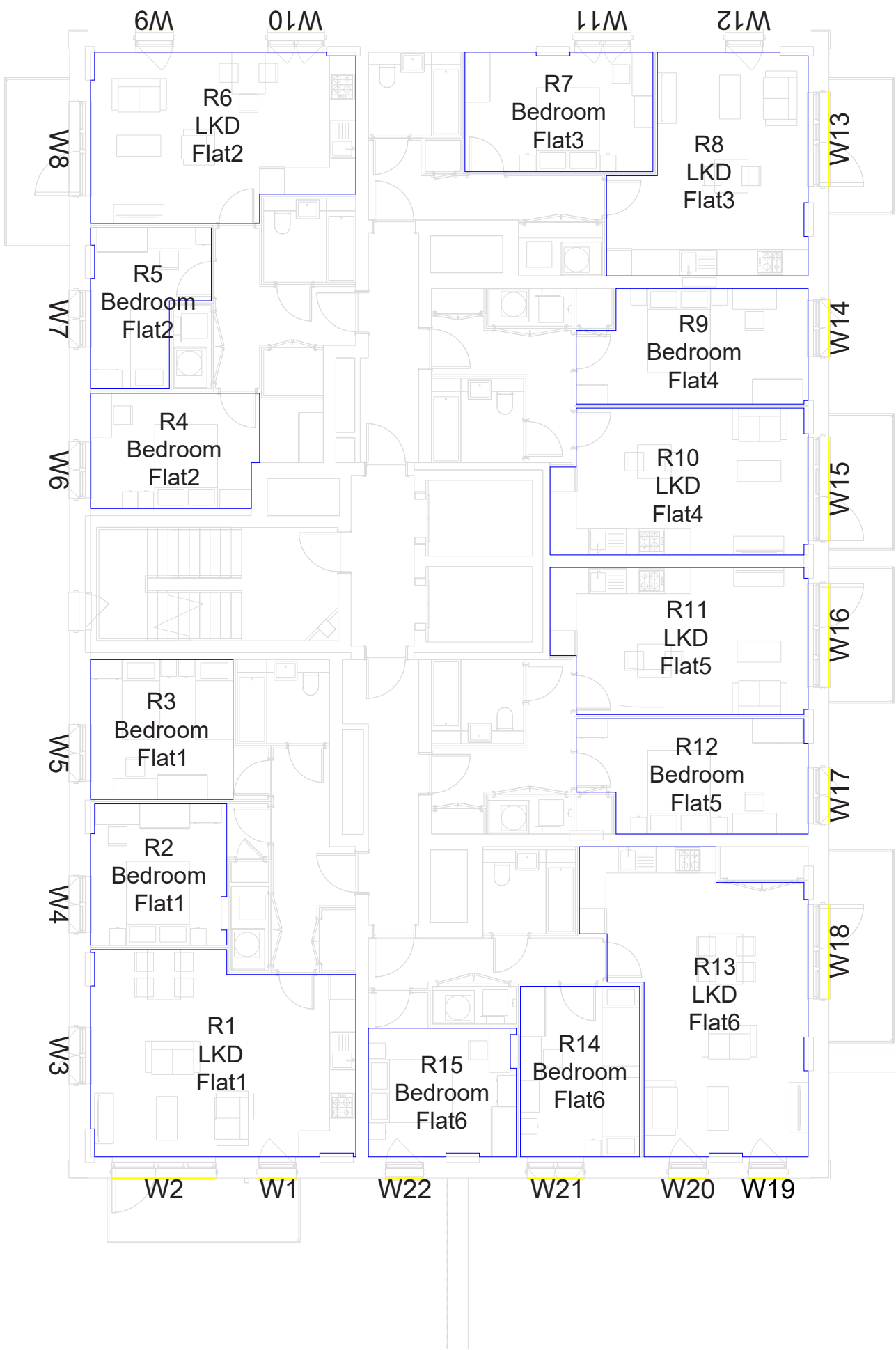
Title First Floor
Block B-B1
Room Layout

Drawn JG Checked --

Date 17/12/2025 Project 4900

Rel no. 22 Prefix ID01 Page no. 02

Block B



Sources of information

Survey Solutions
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3103-DGM-ZZ-3D-X-M3-X-0001-001.rvt
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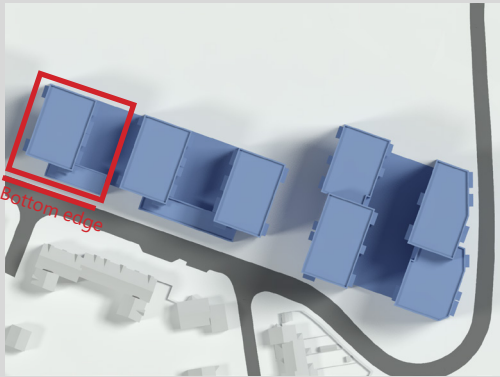
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AVD-PRP-1B-02-GA-A-20701 - Phase 1B - Level
02 & 03 Plan_1.dwg
AVD-PRP-1B-04-GA-A-20702 - Phase 1B - Level
04 & 05 Plan_1.dwg
AVD-PRP-1B-06-GA-A-20703 - Phase 1B - Level
06 & 07 Plan_1.dwg
AVD-PRP-02-00-GA-A-20800 - Phase 2 -
Ground & First Floor Plan.dwg
Received 15/12/2025

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Key Plan



Note: Red rectagle represents the drawing sheet
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building.

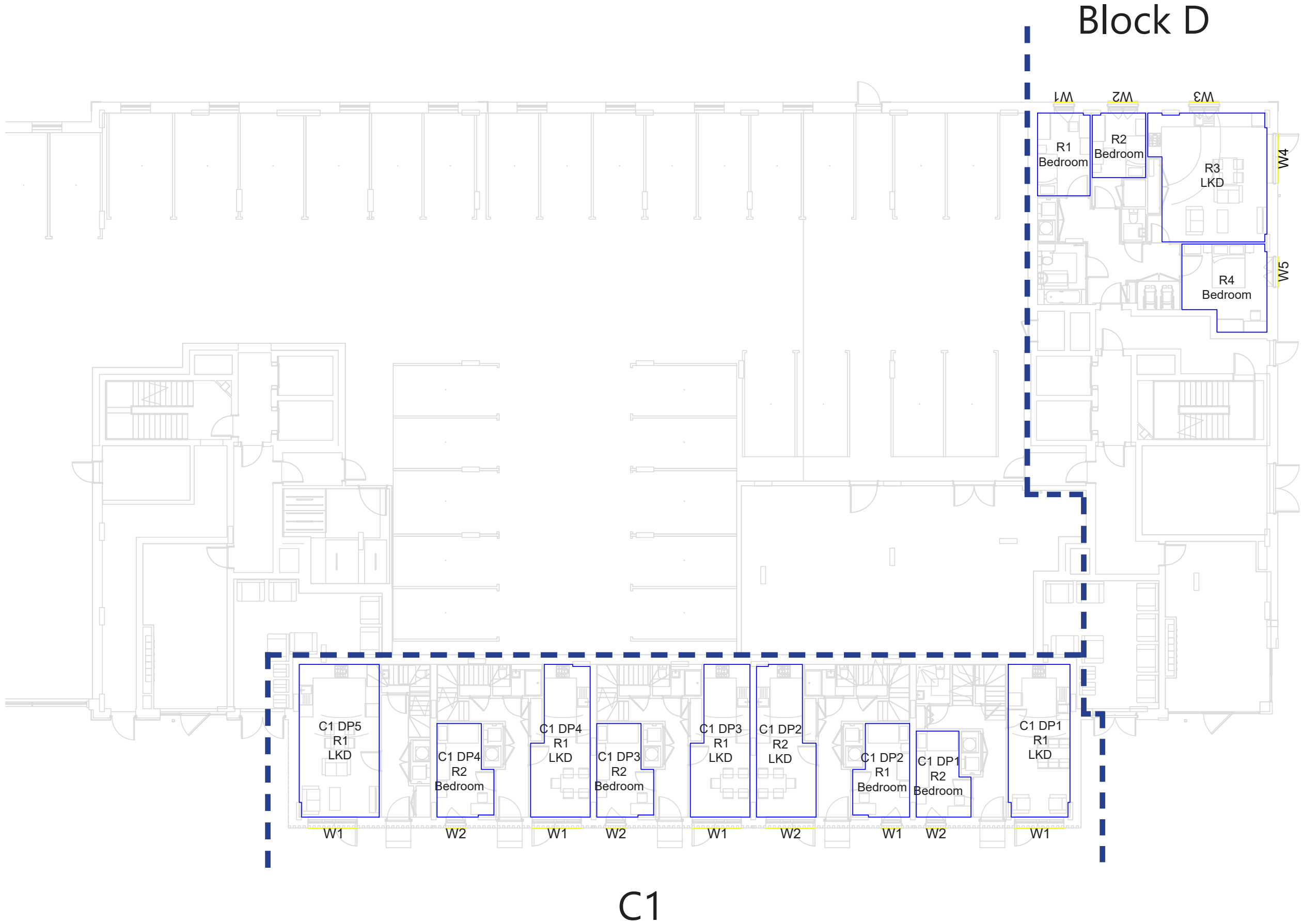
Project Avondale Drive

Title Second to Fifth Floor
Block B
Room Layout

Drawn JG Checked --

Date 17/12/2025 Project 4900

Rel no. 22 Prefix ID01 Page no. 03



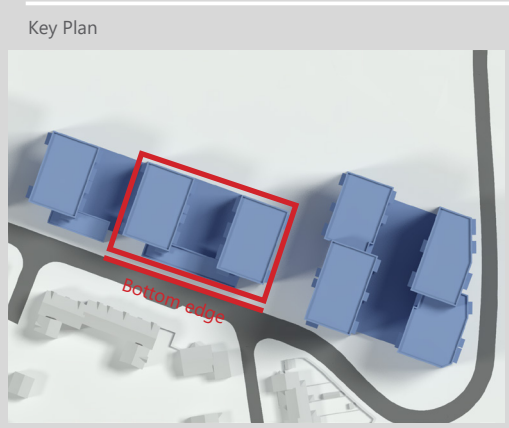
Sources of information

Survey Solutions
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Received 02/08/2021

3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
Received 21/10/2021

PRP
AVD-PRP-1B-00-GA-A-20700 - Phase 1B -
Ground & First Floor Plan_1.dwg
AVD-PRP-1B-02-GA-A-20701 - Phase 1B - Level
02 & 03 Plan_1.dwg
AVD-PRP-1B-04-GA-A-20702 - Phase 1B - Level
04 & 05 Plan_1.dwg
AVD-PRP-1B-06-GA-A-20703 - Phase 1B - Level
06 & 07 Plan_1.dwg
AVD-PRP-02-00-GA-A-20800 - Phase 2 -
Ground & First Floor Plan.dwg
Received 15/12/2025

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Note: Red rectangle represents the drawing sheet and North Arrow denotes the orienation of the building.

Project	Avondale Drive		
Title	Ground Floor C1-Block D Room Layout		
Drawn	JG	Checked	--
Date	17/12/2025	Project	4900
Rel no.	22	Prefix	ID01
		Page no.	04

Block C

Block D



Sources of information

Survey Solutions

31652BWLS-01.dwg
3103-DGM-ZZ-3D-X-M3-X-0001-001.rvt
Received 02/08/2021

3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
Received 21/10/2021

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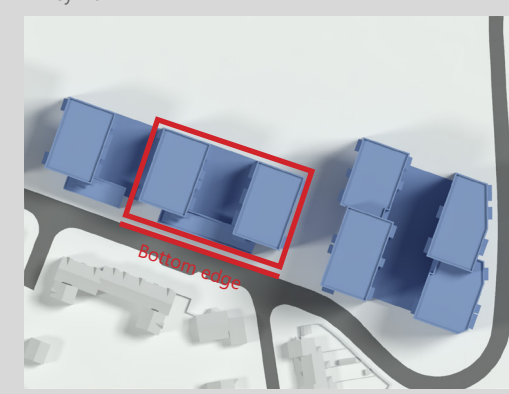
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02 & 03 Plan_1.dwg
AVD-PRP-1B-04-GA-A-20702 - Phase 1B - Level
04 & 05 Plan_1.dwg
AVD-PRP-1B-06-GA-A-20703 - Phase 1B - Level
06 & 07 Plan_1.dwg
AVD-PRP-02-00-GA-A-20800 - Phase 2 -
Ground & First Floor Plan.dwg
Received 15/12/2025

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Ordnance Survey



Key Plan



Note: Red rectangle represents the drawing sheet
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building.

Project Avondale Drive

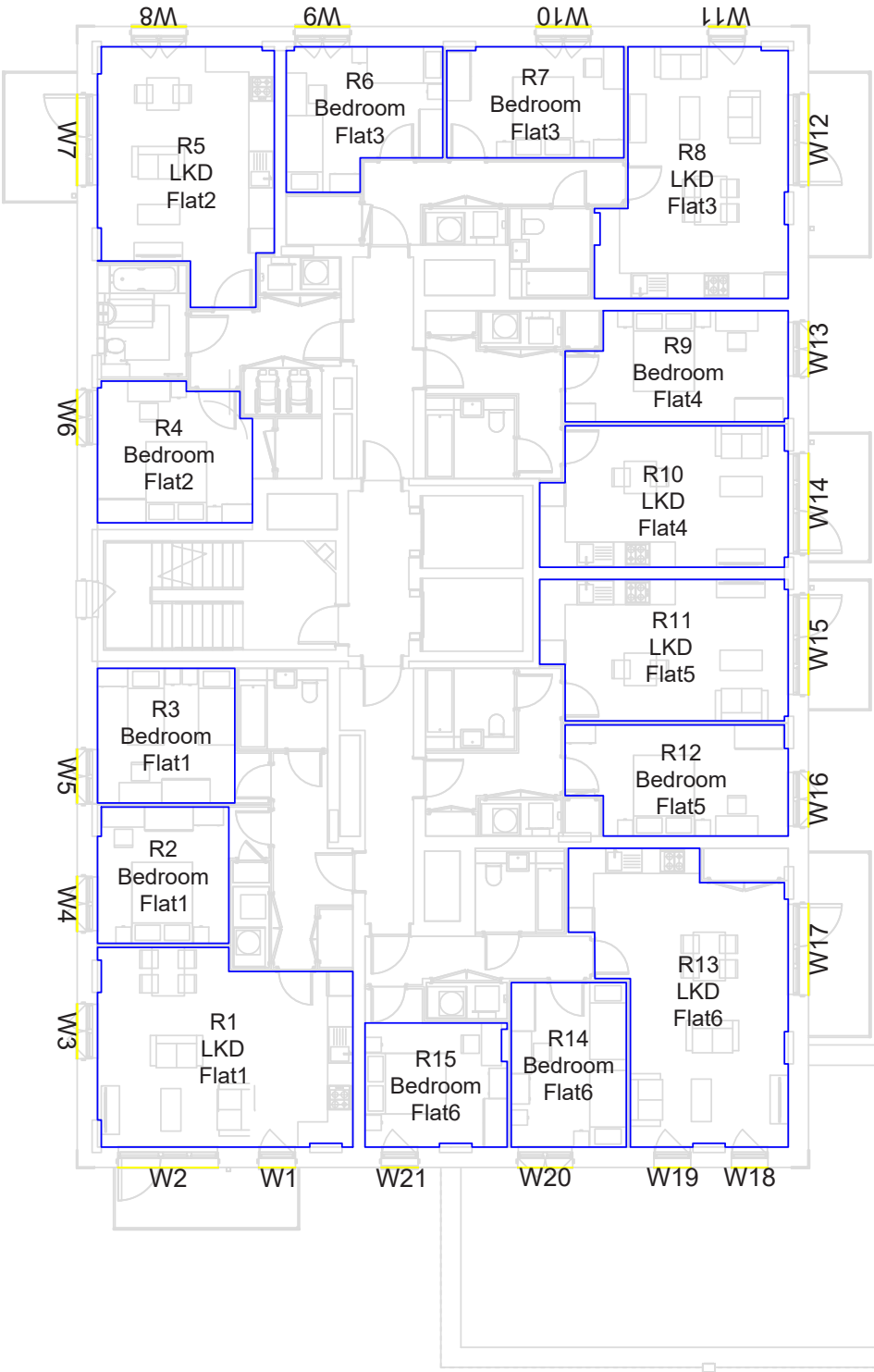
Title First Floor
Block C-C1-Block D
Room Layout

Drawn JG Checked --

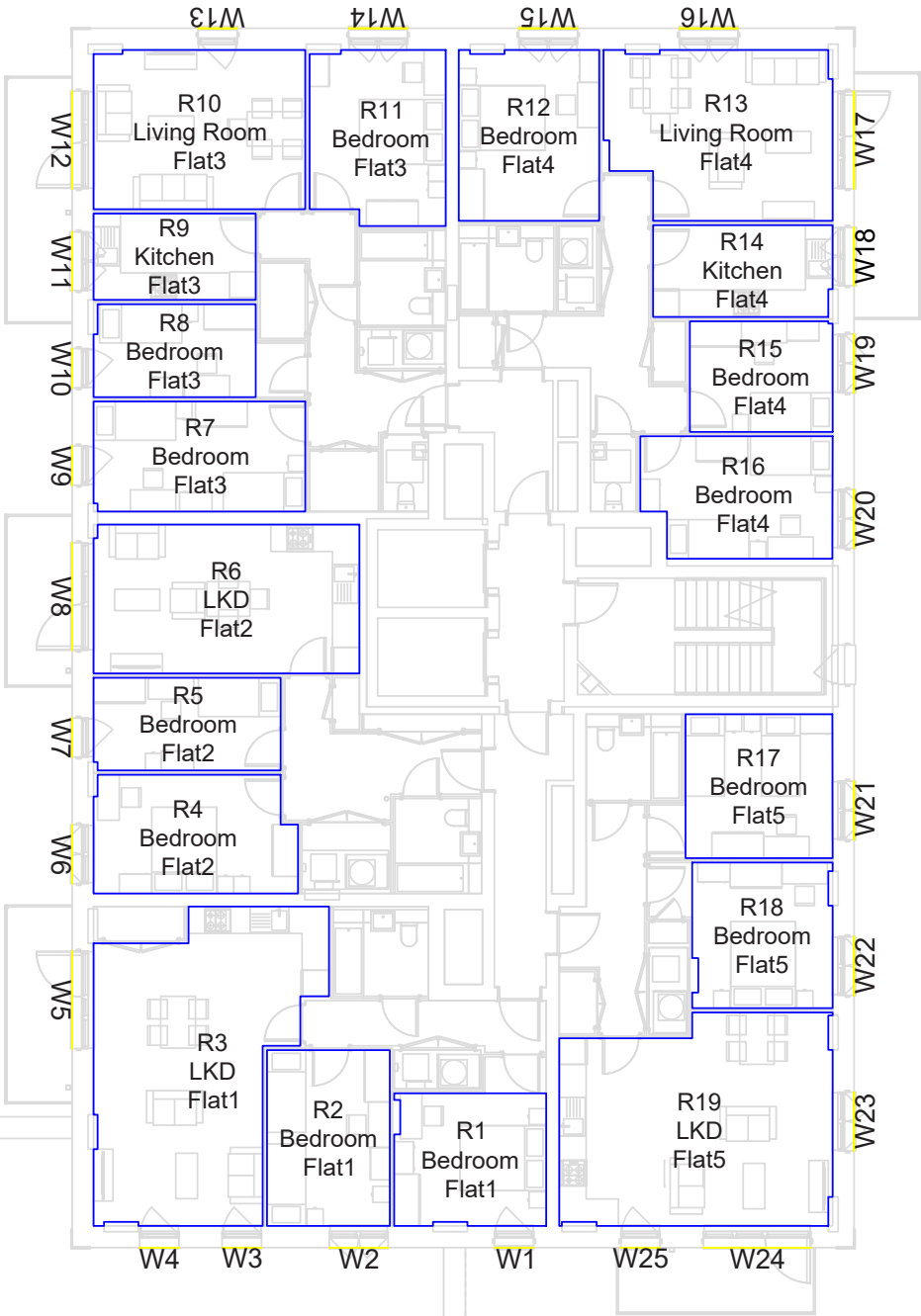
Date 17/12/2025 Project 4900

Rel no. 22 Prefix ID01 Page no. 05

Block C



Block D



Sources of information

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Received 02/08/2021

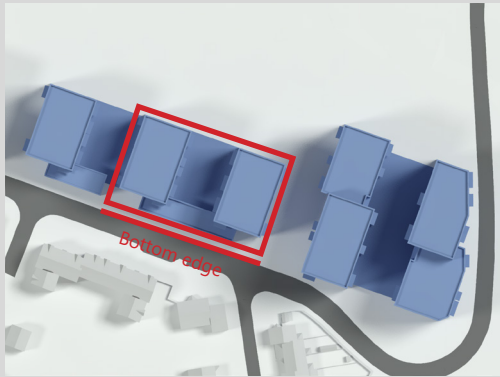
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Ground & First Floor Plan_1.dwg
AVD-PRP-1B-02-GA-A-20701 - Phase 1B - Level
02 & 03 Plan_1.dwg
AVD-PRP-1B-04-GA-A-20702 - Phase 1B - Level
04 & 05 Plan_1.dwg
AVD-PRP-1B-06-GA-A-20703 - Phase 1B - Level
06 & 07 Plan_1.dwg
AVD-PRP-02-00-GA-A-20800 - Phase 2 -
Ground & First Floor Plan.dwg
Received 15/12/2025

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Key Plan



Note: Red rectangle represents the drawing sheet
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building.

Project Avondale Drive

Title Second to Fifth Floor
Block C-Block D
Room Layout

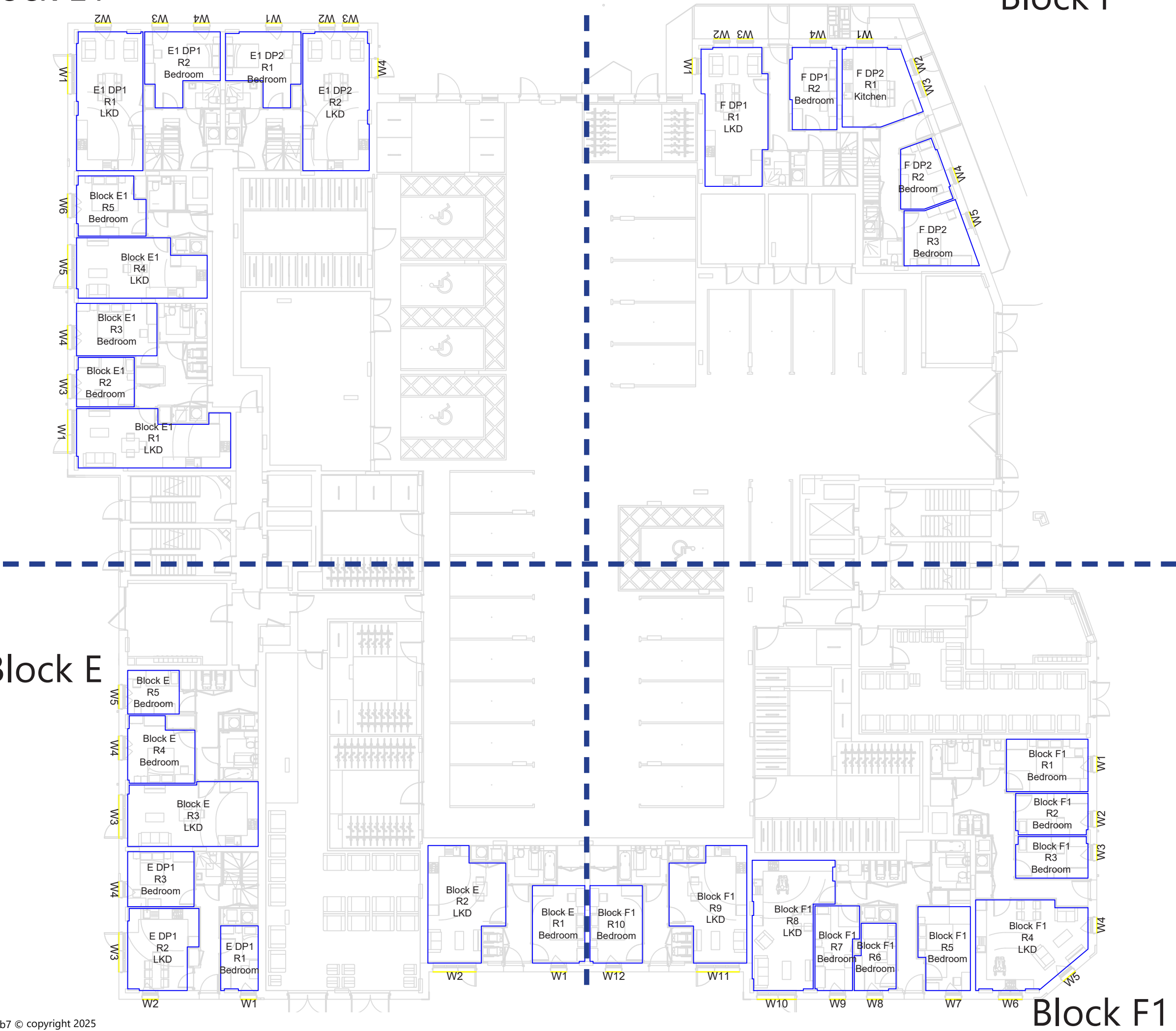
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Date 17/12/2025 Project 4900

Rel no. 22 Prefix ID01 Page no. 06

Block E1

Block F



Block E

Block F1

Sources of information

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Received 02/08/2021

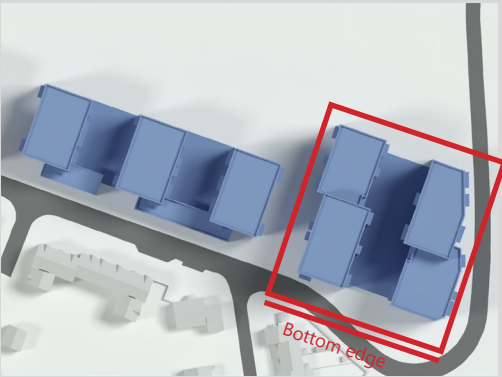
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02 & 03 Plan_1.dwg
AVD-PRP-1B-04-GA-A-20702 - Phase 1B - Level
04 & 05 Plan_1.dwg
AVD-PRP-1B-06-GA-A-20703 - Phase 1B - Level
06 & 07 Plan_1.dwg
AVD-PRP-02-00-GA-A-20800 - Phase 2 -
Ground & First Floor Plan.dwg
Received 15/12/2025

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Site Photographs
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Key Plan



Note: Red rectangle represents the drawing sheet
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building.

Project Avondale Drive

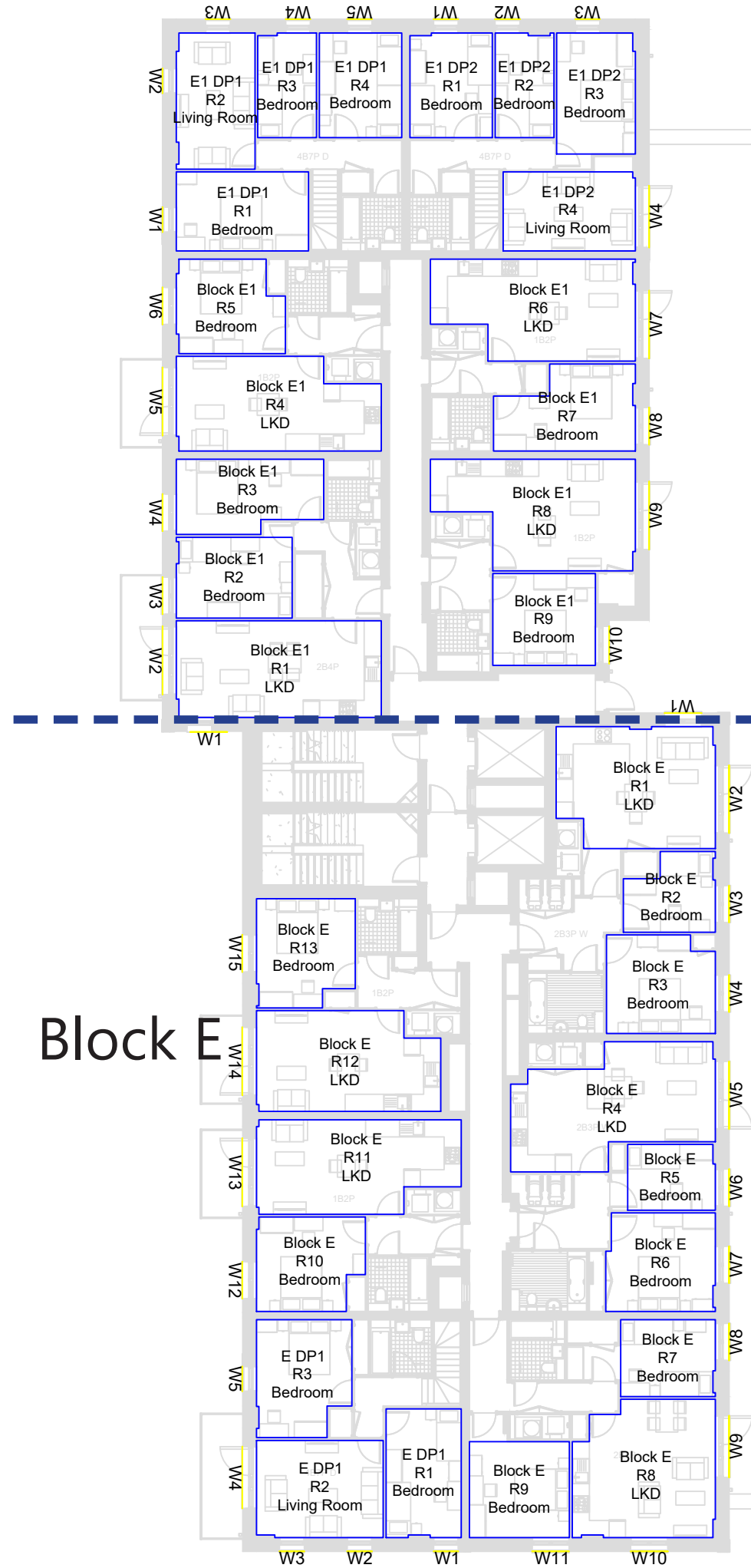
Title Ground Floor
Block E-E1_Block F-F1
Room Layout

Drawn JG Checked --

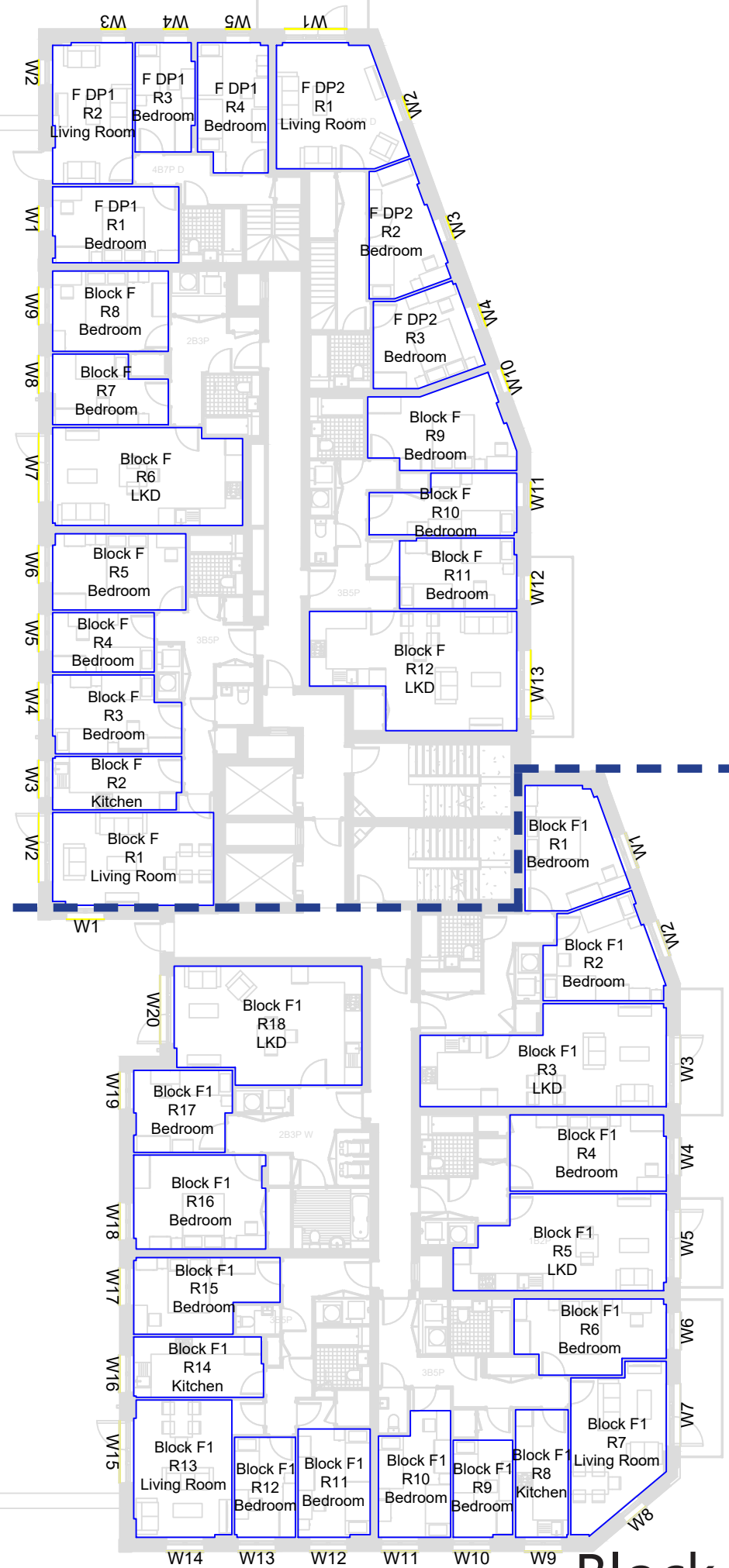
Date 17/12/2025 Project 4900

Rel no. 22 Prefix ID01 Page no. 07

Block E1



Block F



Block F1

2nd Floor, Chancery
Exchange, 10 Furnival
Street, EC4A 1AB
T: +44(0)20 7148 6290
E: info@eb7.co.uk
W: eb7.co.uk



Sources of information

Survey Solutions

31652BWLS-01.dwg
3103-DGM-ZZ-3D-X-M3-X-0001-001.rvt
Received 02/08/2021

3212-LSS-ZZ-3D-X-M3-X-0001-001.rvt
Received 21/10/2021

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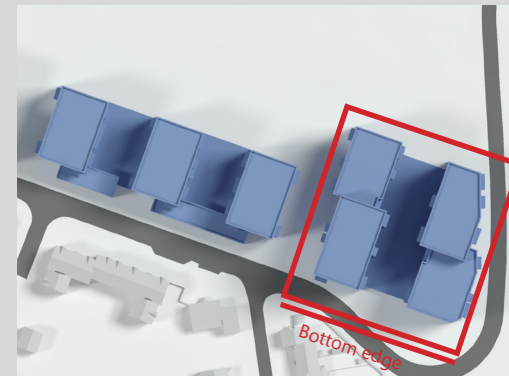
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02 & 03 Plan_1.dwg
AVD-PRP-1B-04-GA-A-20702 - Phase 1B - Level
04 & 05 Plan_1.dwg
AVD-PRP-1B-06-GA-A-20703 - Phase 1B - Level
06 & 07 Plan_1.dwg
AVD-PRP-02-00-GA-A-20800 - Phase 2 -
Ground & First Floor Plan.dwg
Received 15/12/2025

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Site Photographs
Ordnance Survey



Key Plan



Note: Red rectagle represents the drawing sheet and North Arrow denotes the orienation of the building.

Project Avondale Drive

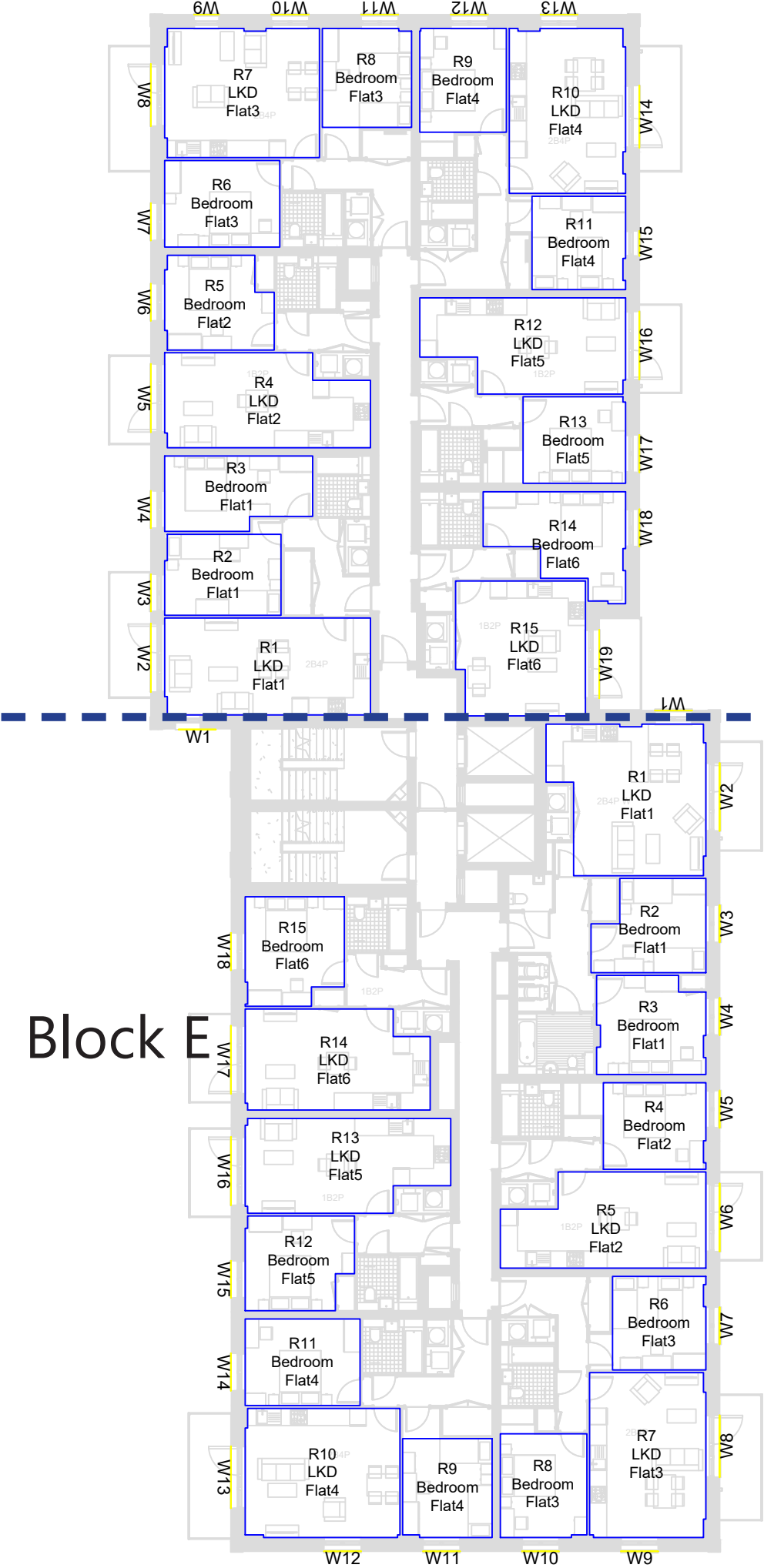
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Drawn JG Checked --

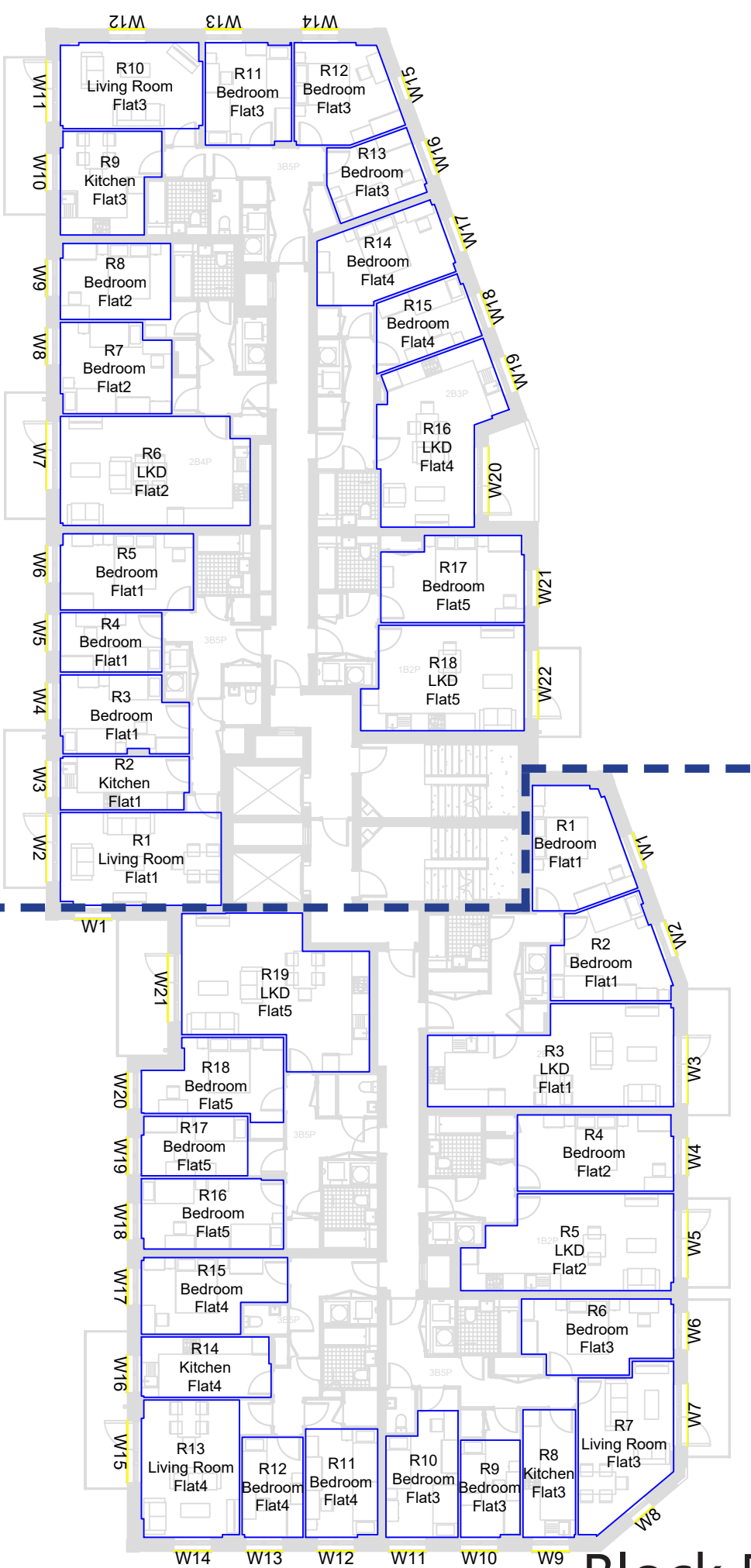
Date	17/12/2025	Project	4900
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Rel no.	Prefix	Page no.
22	ID01	08

Block E1



Block F



Block E

Block F1



Sources of information

Survey Solutions
31652BWLS-01.dwg
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Received 02/08/2021

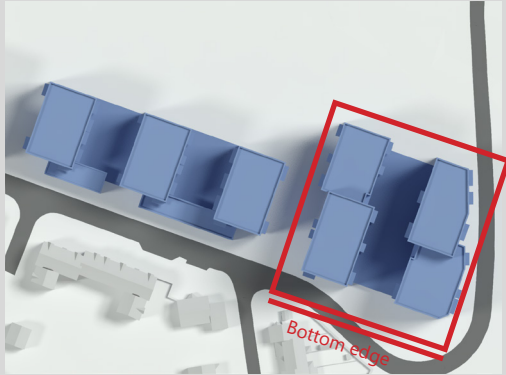
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Received 21/10/2021

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AVD-PRP-1B-00-GA-A-20700 - Phase 1B -
Ground & First Floor Plan_1.dwg
AVD-PRP-1B-02-GA-A-20701 - Phase 1B - Level
02 & 03 Plan_1.dwg
AVD-PRP-1B-04-GA-A-20702 - Phase 1B - Level
04 & 05 Plan_1.dwg
AVD-PRP-1B-06-GA-A-20703 - Phase 1B - Level
06 & 07 Plan_1.dwg
AVD-PRP-02-00-GA-A-20800 - Phase 2 -
Ground & First Floor Plan.dwg
Received 15/12/2025

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Site Photographs
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Key Plan



Note: Red rectangle represents the drawing sheet
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building.

Project Avondale Drive

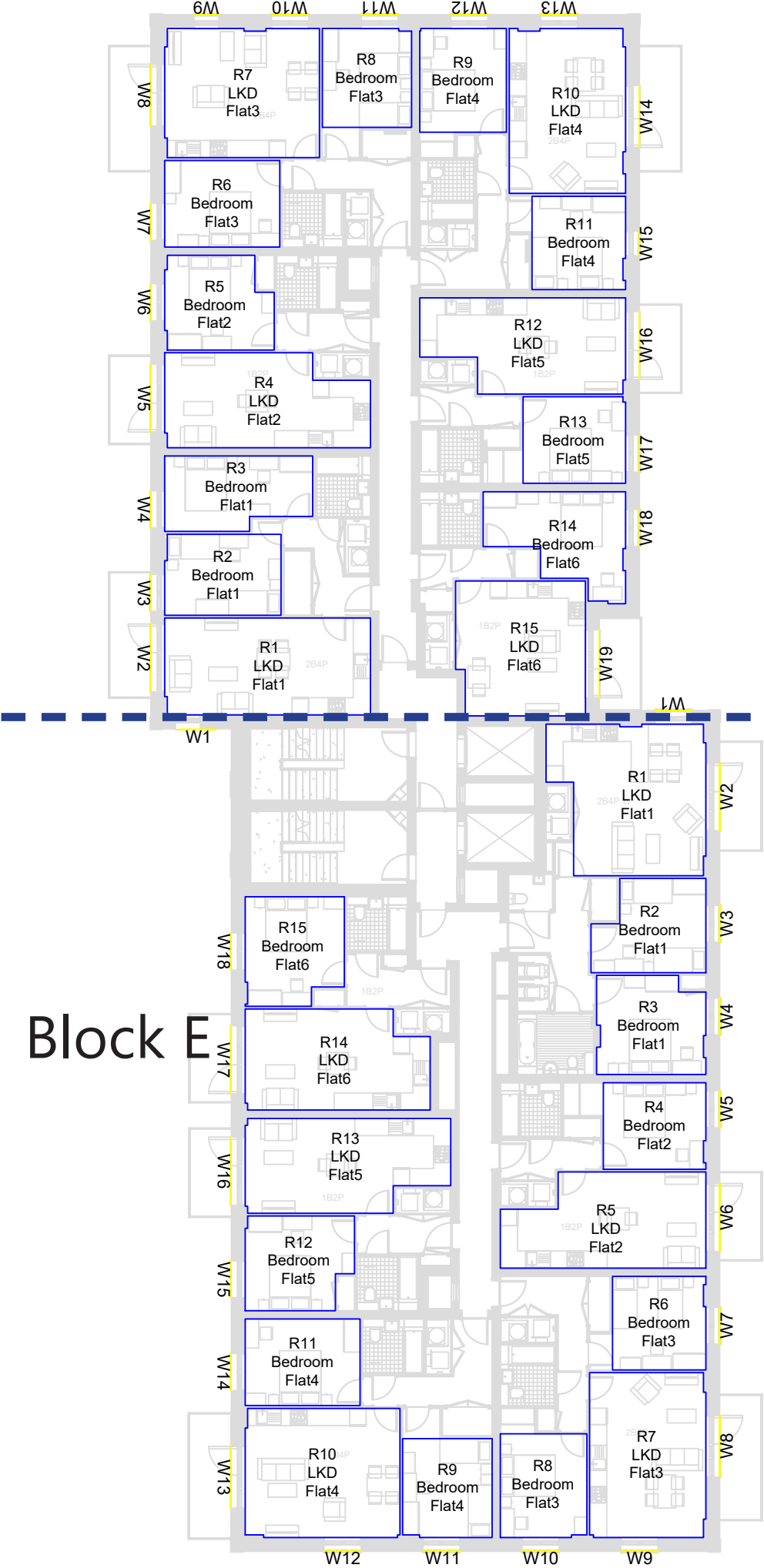
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Block E-E1_Block F-F1
Room Layout

Drawn JG Checked --

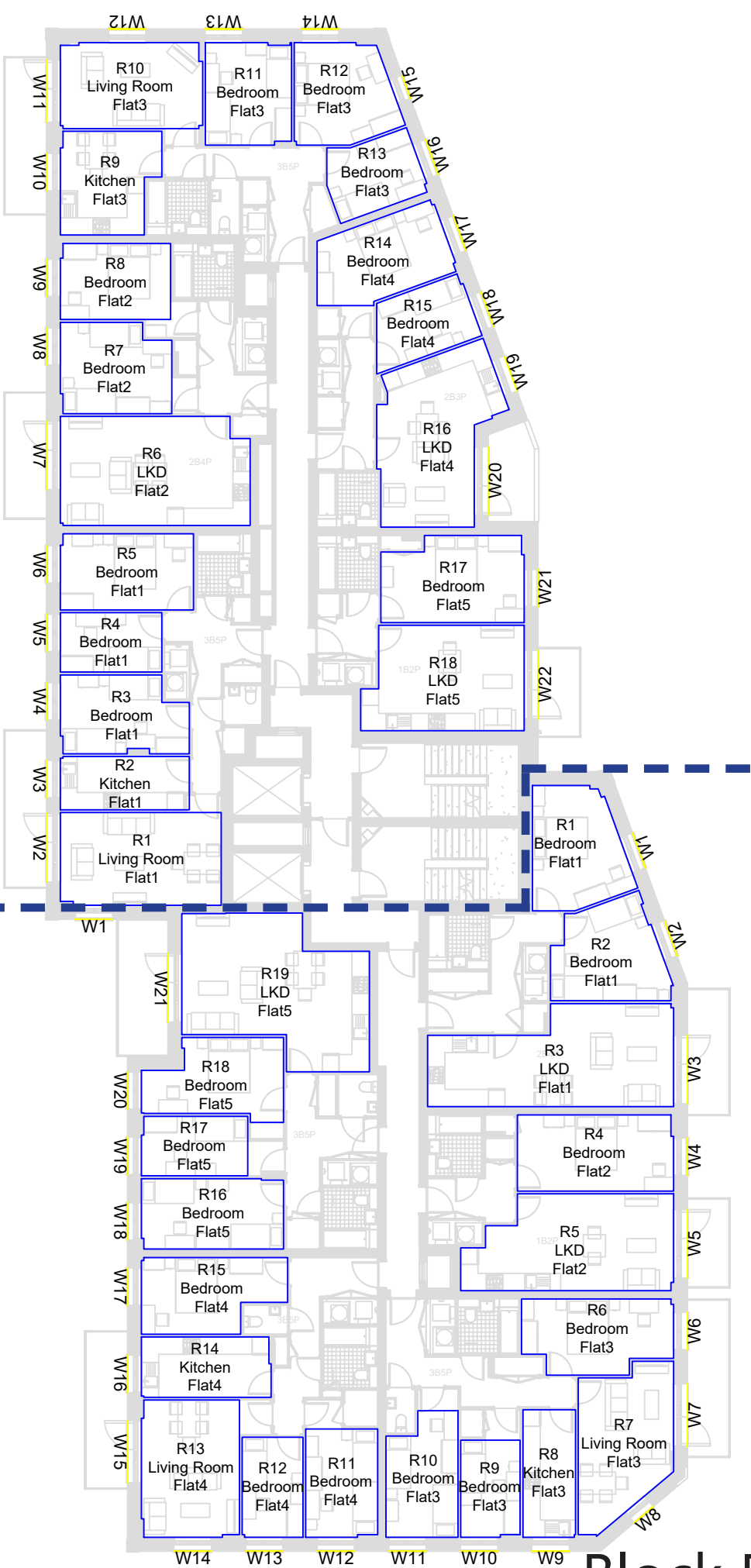
Date 17/12/2025 Project 4900

Rel no. 22 Prefix ID01 Page no. 09

Block E1



Block F



Block F1



Sources of information

Survey Solutions
31652BWLS-01.dwg
3103-DGM-ZZ-3D-X-M3-X-0001-001.rvt
Received 02/08/2021

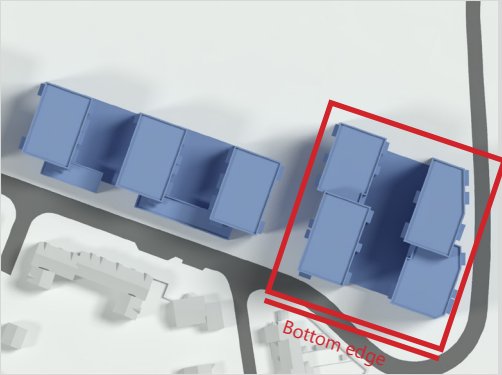
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AVD-PRP-1B-02-GA-A-20701 - Phase 1B - Level
02 & 03 Plan_1.dwg
AVD-PRP-1B-04-GA-A-20702 - Phase 1B - Level
04 & 05 Plan_1.dwg
AVD-PRP-1B-06-GA-A-20703 - Phase 1B - Level
06 & 07 Plan_1.dwg
AVD-PRP-02-00-GA-A-20800 - Phase 2 -
Ground & First Floor Plan.dwg
Received 15/12/2025

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Site Photographs
Ordnance Survey



Key Plan



Note: Red rectangle represents the drawing sheet
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Project Avondale Drive

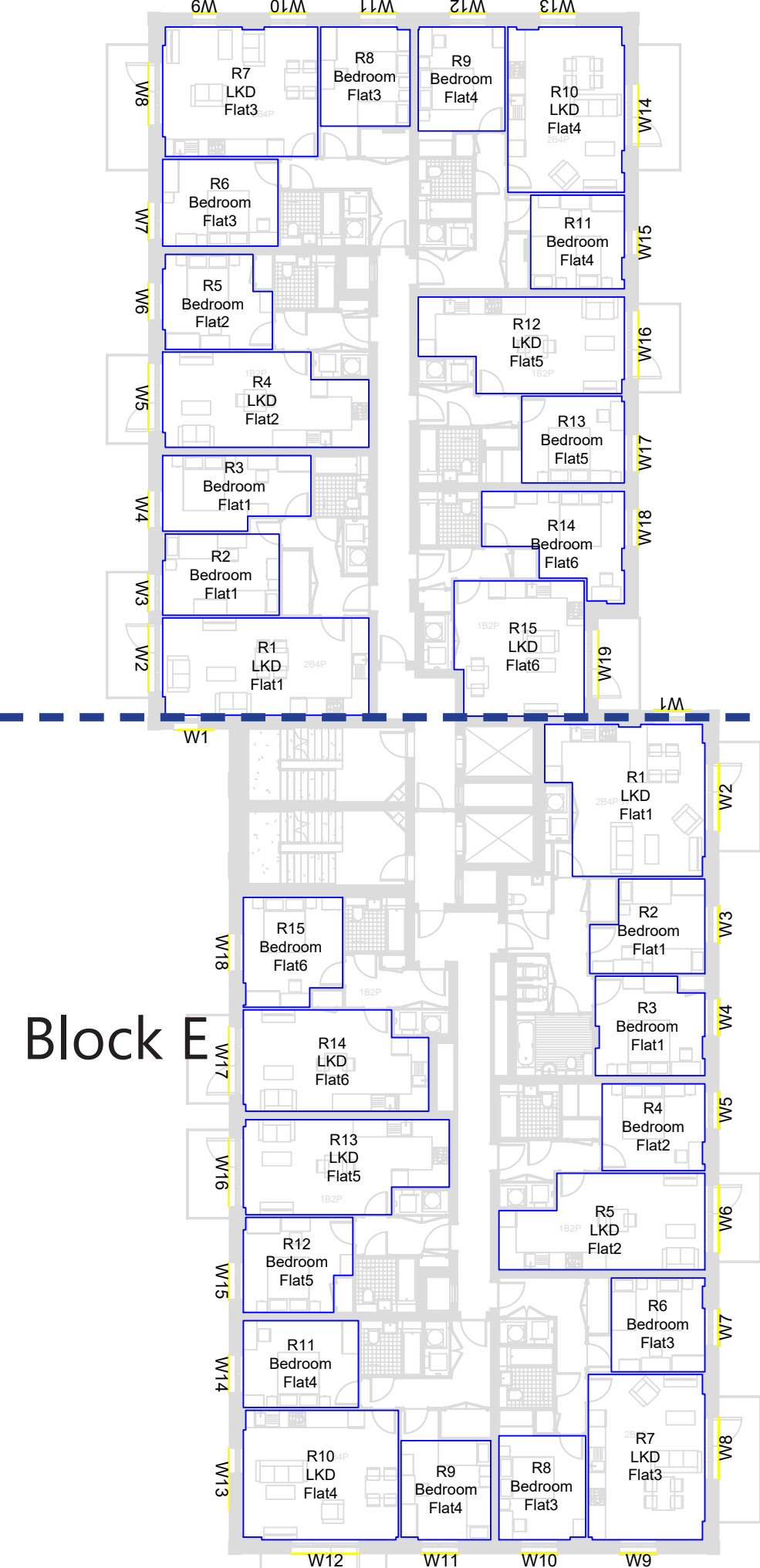
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Block E-E1_Block F-F1
Room Layout

Drawn JG Checked --

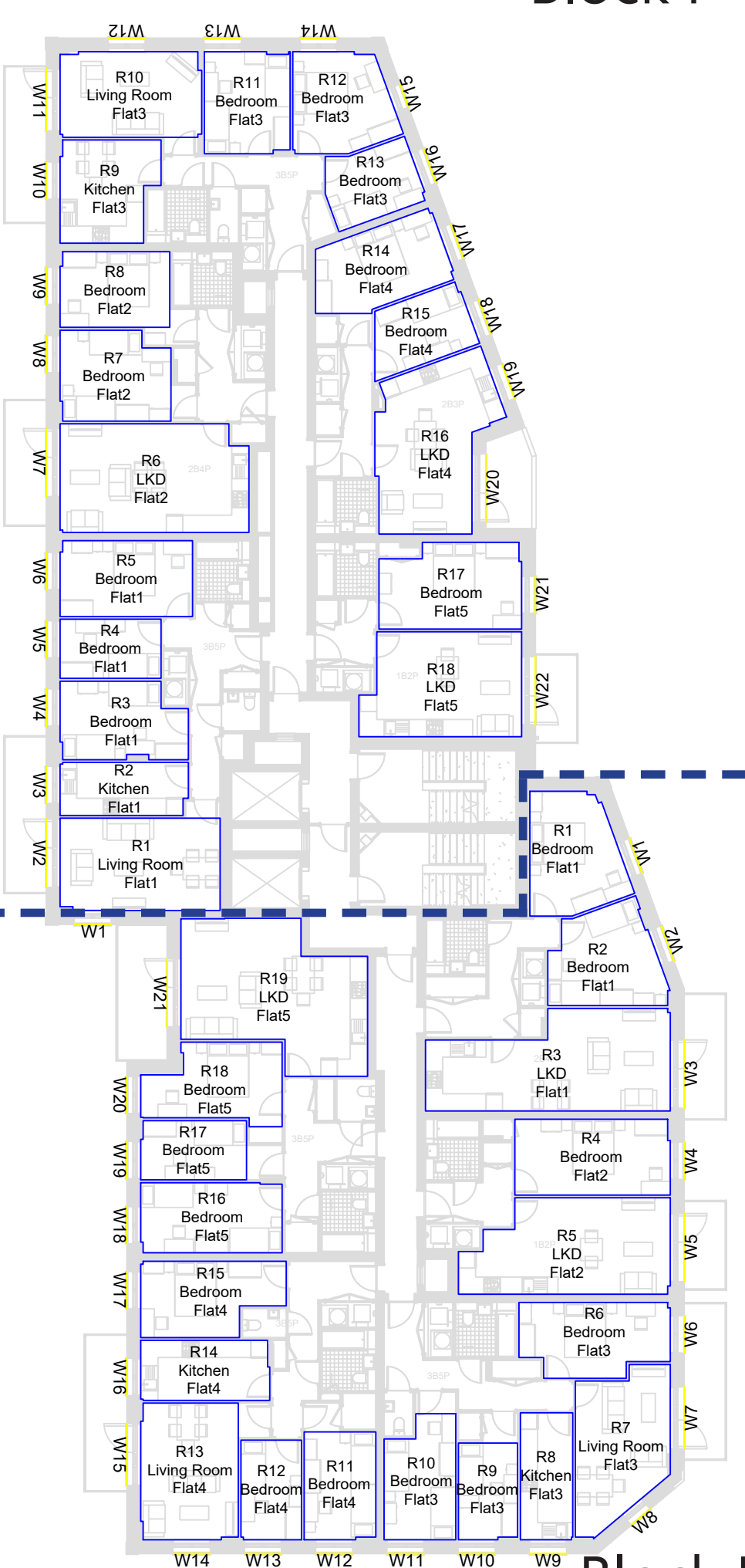
Date 17/12/2025 Project 4900

Rel no. 22 Prefix ID01 Page no. 10

Block E1



Block F



Block E

Block F1



Sources of information

Survey Solutions
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Received 02/08/2021

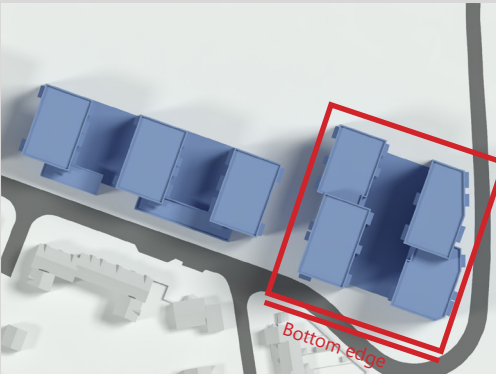
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AVD-PRP-1B-02-GA-A-20701 - Phase 1B - Level
02 & 03 Plan_1.dwg
AVD-PRP-1B-04-GA-A-20702 - Phase 1B - Level
04 & 05 Plan_1.dwg
AVD-PRP-1B-06-GA-A-20703 - Phase 1B - Level
06 & 07 Plan_1.dwg
AVD-PRP-02-00-GA-A-20800 - Phase 2 -
Ground & First Floor Plan.dwg
Received 15/12/2025

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Key Plan



Note: Red rectangle represents the drawing sheet
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building.

Project	Avondale Drive		
Title	Sixth Floor Block E-E1_Block F-F1 Room Layout		
Drawn	JG	Checked	--
Date	17/12/2025	Project	4900
Rel no.	22	Prefix	ID01
		Page no.	11