AVISON YOUNG



Hartfield Place, Swords Dublin

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For and on behalf of Avison Young (UK) Limited

1. Executive Summary

1.1 Avison Young has been instructed by Eastwise Construction Swords Limited to advise on daylight, sunlight and overshadowing matters in relation to the Proposed Development at Hartfield Place, Swords, Dublin.

1.2 The assessment has been undertaken with regard to Dublin City Council's (DCC) planning policy and, the advice and recommendations set out in the Building Research Establishment (BRE) report entitled 'Site layout planning for daylight and sunlight: A guide to good practice - 2011' (*referred to in this report as the "BRE guidelines").* The BRE Guidelines are themselves based upon recommendations set out in BS 8206-2: 2008

1.3 The BRE guidelines are also directly referenced in the *Urban Development and Building Heights* (2018) and *Sustainable Urban Housing: Design Standards for New Apartments* (2020) guidelines.

1.4 Avison Young have also run climate-based daylight modelling (CBDM) against European Standard EN 17037, and British Standard BE EN 17037.

1.5 Section 1 of this report will consider the potential daylight and sunlight effects that may occur to the surrounding (neighbouring) residential properties as a result of the Proposed Development.

1.6 Section 2 of this report considers the potential levels of daylight and sunlight that will be enjoyed within the Proposed Development and the potential overshadowing to the proposed amenity spaces.

Consented Scheme

1.7 The site has an extant permission (Ref. PL29N.238685 Reg. Ref 3269/10) for an apartment development comprising 7 no. blocks and ranging in height up to 7 storeys. This extant permission has been considered within this report (the "consented scheme"). The consented scheme was approved by both Dublin City Council and An Bord Pleanála in 2010.

1.8 A further apartment proposal, reflecting the extant 2010 permission and adding an additional storey to the permitted 7 blocks (increasing the overall height up to 8 storeys) was considered by An Bord Pleanála in 2021 under Ref. ABP-309608.21.

1.9 Upon review of the daylight and sunlight report for the consented scheme, the An Bord Pleanala Inspector concluded that they were satisfied that the refused development would not have any significant adverse impacts on daylight, sunlight or overshadowing. An extract from the inspectors' report is as follows:

"Having regard to my detailed assessment of the design and layout of the development and to my inspection of the site and surrounding areas, and with regard to the relevant standards set out in BS 2008, I am satisfied that the development will not have any significant adverse impact on residential amenities or sensitive receptors by way of overshadowing or adverse impacts on daylight/sunlight.

1.10 Avison Young have undertaken a full review of the consented scheme and associated daylight and sunlight report and conclude that the results are comparable with the results of the proposed scheme. As is in line with the BRE Guidelines recommendations, this report considers the consented scheme in order to contextualise the daylight and sunlight results.

Section 1 – Surrounding Daylight, Sunlight and Overshadowing Effects

1.11 This report considers an undeveloped location with no existing buildings or obstructions within the baseline of our assessment to reflect the conditions on site. As a result of this, high existing daylight and sunlight values were anticipated for a number of the surrounding properties, which would not necessarily be the case if the site was occupied in the existing condition.

1.12 Therefore, any meaningful development is inevitably going to result in a varying degree of impact to neighbouring properties. This is to be expected within the urban context of any large regeneration site that is currently vacant but designated for significant redevelopment. This was also the case for the very similar development that was previously granted by both Dublin City Council and the An Bord Pleanala on the site.

1.13 In accordance with the BRE guidelines, detailed daylight and sunlight assessments have been undertaken to quantify any alteration in light that may occur because of the proposed development within existing residential habitable rooms and windows.

1.14 Assessments have therefore been carried out against properties located on Swords Road and Beach Lawn.

1.15 The results of the technical analysis show that overall, there will be 75% VSC (Vertical Sky Component) compliance; 92% NSL (No Sky Line) compliance; and 79% APSH (Annual Probable Sunlight Hour) compliance.

1.16 Analysis found that nine properties would experience some VSC transgressions (i.e. a reduction in VSC of greater than 20% of its existing VSC value) to the following properties: Beechlawn Nursing Home, Highfield Healthcare, Highfield Healthcare Outpatients, 73 Swords Road, 75 Swords Road, 77 Swords Road, 79 Swords Road and 81 Swords Road.

1.17 With regard to the daylight distribution (NSL) four properties would experience some transgressions within: Beechlawn Nursing Home, Highfield Healthcare, 77 Swords Road and 79 Swords Road. The BRE guidelines suggest that a room should enjoy good levels of daylight distribution if 80% of the working plane is in front of the No-Sky Line (NSL). Although the reductions are beyond the target recommendations set out in BRE guidelines, the effects are isolated and could be considered acceptable considering the increasing density of the area.

1.18 The sunlight (APSH) results show that six properties experience alterations below the BRE's targets to at least one window in: Beechlawn Nursing Home, Highfield Healthcare Outpatients, 65 Swords Road, 77 Swords Road, 79 Swords Road, 81 Swords Road. It is our opinion that the properties will either retain a reasonable amount of retained sunlight or are lit below the recommended target criteria in the existing condition, causing disproportionate percentage reductions. Due to the high level of compliance for sunlight overall, the reductions could be considered acceptable with the increasing density of the area.

1.19 The overshadowing results show that with the Proposed Development in place, the residential amenity areas surrounding the Site should continue to enjoy acceptable levels of direct sunlight in accordance with the BRE guidelines.

1.20 Whilst an isolated number of windows/rooms within some of the neighbouring properties will experience technical breaches of the recommended guidance which may be perceptible, such alterations are not unusual when developing in denser urban areas such as Dublin; particularly when developing on a cleared vacant Site.

1.21 AY are of the opinion that the alterations and retained levels of light are acceptable in terms of the impact on neighbouring daylight and sunlight based upon the flexibility afforded by the BRE Guidelines, the comparable results with the consented scheme and the fact that there are impacts to a small number of windows and rooms.

Section 2 – Internal Daylight, Sunlight and Overshadowing Levels

1.22 The results across all proposed blocks show that approximately 85% of habitable residential rooms will enjoy acceptable levels of daylight amenity when using the target criteria of 2% for a Living/Kitchen/Dining room (full room depth).

1.23 This increases to 93% if applying an alternative target criteria of 1.5% ADF for a Living/Kitchen/Dining (full room depth).

1.24 The internal daylight and sunlight assessment for the previously consented scheme on the site applied a 1.5% ADF target for Living/Kitchen/Dining rooms and therefore, to allow a direct comparison, AY have applied the same methodology within this report. However, in light of the recent judgement in *Atlantic Diamond Ltd v An Bord Pleanála*, our primary assessment considers a 2% target criteria for a Living/Kitchen/Dining (full room depth).

1.25 The APSH results show 67% of windows orientated within 90 degrees of due south will meet the BRE criteria for winter sunlight, and 47% of windows will meet the BRE criteria for total (annual) sunlight.

1.26 If north facing windows (i.e. windows facing within 90 degrees of due north), are included, then 41% of windows will meet the BRE criteria for winter sunlight and 27% of windows will meet the BRE criteria for total sunlight. This is not surprising, considering north facing windows only see the sun for short periods of the day/year.

1.27 The results for the sunlight assessment illustrate that the available sunlight is greater in the winter months. This is due to the fact that the sun is lower in the sky throughout the winter months and therefore, is more easily able to reach the centre point of the target window in this type of development. A number of the proposed apartments benefit from balconies which partially restrict available sunlight when the sun is higher in the sky, as it is throughout the summer months.

1.28 The Sun Hours on Ground ("SHOG") analysis to balconies indicates that high levels of sunlight amenity will be available to inhabitants, with 84% meeting the March test and 96% meeting the June test. We also note that the majority of units will overlook shared amenity space that achieve high levels of sunlight amenity with 100% of communal Open Space, 75.86% Community Space, 100% Private Seating and 100% Public Open Space meeting the BRE criteria for SHOG on 21st March.

Compensatory Design Measures

1.29 As set out within the BRE guidelines, daylight and sunlight availability are just one of many factors in site layout design and a balance between the various design factors often needs to be made.

1.30 During the design stages, VSC façade assessments were carried out to advise whether good levels of daylight would be able to be achieved prior to running a set of full detailed assessments. As a result of these assessments, where areas within the Proposed Scheme were showing lower levels of daylight, Avison Young worked closely with the architects to improve these values by either altering layouts and/or maximising glazing ratios where possible. The design has therefore sought to increase the available daylight and sunlight within each unit wherever possible.

1.31 Notwithstanding the acceptable daylight and sunlight results, the scheme provides a number of benefits with a total of 9,445sqm open space being provided within the development as public/communal space. This equates to c. 34.54% of the net site area.

1.32 A large public open space is provided to the east of the site, framed by Blocks D, E, F and G. This public open space provides large kick about areas, a multi-use games area (MUGA), gym equipment, and children's play equipment. In addition, A public plaza is provided in the northern corner of the site, adjacent to Block A.

1.33 The proposal includes a total of c. 3,279.86sqm of communal outdoor amenity space for the residents. This includes roof terraces on Block A, F and G. In additional, there will be a large communal open space at ground floor level, framed by Blocks B, C, D and E. This communal open space provides a play area, seating and passive amenity areas.

1.34 The proposed residential amenity areas that have been assessed as part of our report will benefit from acceptable levels of sunlight in accordance with the BRE recommended target criteria.

1.35 The site is zoned for development and is ideally suited to accommodate density and scale in development. When balanced against wider planning objectives to secure urban regeneration of this site, it is our professional view that the daylight and sunlight results are acceptable.

2. Introduction and Scope of Report

2.1 Avison Young has been instructed by Eastwise Construction Swords Limited to advise on daylight, sunlight and overshadowing matters in relation to the Proposed Development at Hartfield Place, Dublin.

2.2 The scope of this report is to consider the potential daylight, sunlight and overshadowing effects that may occur to the surrounding residential properties as a result of the Proposed Development, as well as the levels of daylight and sunlight that will be enjoyed within the Proposed Development.

2.3 The assessment has been undertaken with regard to Dublin City Council's planning policy and, the advice and recommendations set out in the Building Research Establishment (BRE) report entitled 'Site layout planning for daylight and sunlight: A guide to good practice' (Referred to in this report as the "BRE guidelines").

2.4 A Site Plan and 3D Views of the scheme, detailed results tables, contour plots and the overshadowing assessments are given at Appendices I to XI.

3. Sources of Information and Assumptions

3.1 In order to undertake the Daylight/Sunlight and Overshadowing assessments, a three-dimensional computer analysis model of the existing site, Proposed Development, and surrounding context was created by AY based upon the following sources of information:

- Site inspection;
- Google Maps and street view imagery;
- AccuCities 3D photogrammetry model of the existing site and surrounding context, received 27 September 2021;
- Proposed scheme drawings (plans/elevations/sections) received 1 February 2022 from C + W O'Brien Architects;
- 3D Design Bureau Daylight & Sunlight Report (dated January 2021);
- Granted Scheme ("Consented Scheme") received 10 February 2022 (Dublin City Council Planning Reference Number 3269/10); and
- Refused Scheme ("Refused Scheme") – Dublin City Council Planning Reference Number SHD0005/21.

3.2 The scope of buildings considered has been determined as a reasonable zone which considers both the scale of the Proposed Development and the proximity of those buildings which surround and face the site.

3.3 Best estimates have been made as to the uses within the adjoining properties in terms of commercial and residential usage. These have been estimated from external observation from aerial/street view imagery and online planning records where available.

3.4 As is standard practice when assessing daylight and sunlight to adjoining properties, AY have not sought access to any of the adjoining properties.

3.5 Where internal layouts have not been acquired, reasonable assumptions as to the internal layouts of the rooms behind the fenestration have been made. Unless the building form dictates otherwise, we have assumed a standard 4.2m deep room for residential properties. Internal layouts are only relevant for the NSL (daylight distribution) assessment. The primary daylight (VSC) and sunlight (APSH) assessments are calculated at the window face and therefore do not take into account the room layout.

3.6 Floor levels have been assumed for those adjoining properties. This dictates the level of the working plane which is relevant for the No Sky Line assessment.

3.7 In relation to sunlight (APSH) analysis, all windows regardless of orientation have been considered for the internal assessment of the scheme itself. Only windows facing within 90 degrees of due south have been considered for the adjoining properties.

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

Glazing Transmittance: 0.70; Wall Reflectance: 0.81; Maintenance Factor: 8%;
Floor Reflectance: 0.4; Glazing Bar Correction: 0.9 Ceiling Reflectance: 0.85.

4. Daylight, Sunlight & Overshadowing Planning Policy

4.1 Planning policy and guidance in relation to daylight, sunlight and overshadowing is important context to determine acceptable levels of amenity.

4.2 The following key documents have therefore been considered:

- Urban Development and Building Heights: Guidelines for Planning Authorities (2018);
- Sustainable Urban Housing: Design Standards for New Apartments (2020);
- Dublin City Development Plan 2016-2022;
- BRE Guidelines (2011) - BR 209;
- European Standard: EN17037 / IS EN 17037; and
- British Standard: BS EN17037:2018 – Daylight in buildings.

Urban Development and Building Heights: Guidelines for Planning Authorities (2018)

4.3 The Government of Ireland issued 'Urban Development and Building Heights: Guidelines for Planning Authorities' dated December 2018.

4.4 This provides 'new statutory guidelines for planning authorities on urban development and building heights…to secure better and more compact forms of future development'.

4.5 Under Section 3.0 Building Heights and Development Management Process, point 3.2 states in regard to the scale of the site/building:

'*• The form, massing and height of proposed developments should be carefully modulated so as to maximise access to natural daylight, ventilation and views and minimise overshadowing and loss of light.*

*•**Appropriate and reasonable regard** should be taken of quantitative performance approaches to daylight provision outlined in guides like the Building Research Establishment's 'Site Layout Planning for Daylight and Sunlight' (2nd edition) or BS 8206-2: 2008 – 'Lighting for Buildings – Part 2: Code of Practice for Daylighting.' (Emphasis in bold added)*

•Where a proposal may not be able to fully meet all the requirements of the daylight provisions above, this must be clearly identified and a rationale for any alternative, compensatory design solutions must be set out, in respect of which the planning authority or An Bord Pleanála should apply their discretion, having regard to local factors including specific site constraints and the balancing of that assessment against the desirability of achieving wider planning objectives. Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solution.'

4.6 No reference to BS EN17037 is mentioned.

Sustainable Urban Housing: Design Standards for New Apartments (2020)

4.7 The Department of Housing, Local Government and Heritage issued their 'Sustainable Urban Housing: Design Standards for New Apartments' guidance in December 2020.

4.8 This document provides 'ministerial guidance, setting out standards for apartment development' for planning authorities in Ireland, and was issued under Section 28 of the Planning and Development Act 2000.

4.9 Section 6.5 to 6.7 of this report states that:

> *'The provision of acceptable levels of natural light in new apartment developments is an important planning consideration as it contributes to the liveability and amenity enjoyed by apartment residents. In assessing development proposals, planning authorities must however weigh up the overall quality of the design and layout of the scheme and the measures proposed to maximise daylight provision with the location of the site and the need to ensure an appropriate scale of urban residential development.*
>
> *Planning authorities should have regard to quantitative performance approaches to daylight provision outlined in guides like the BRE guide 'Site Layout Planning for Daylight and Sunlight' (2nd edition) or BS 8206-2: 2008 – 'Lighting for Buildings – Part 2: Code of Practice for Daylighting' when undertaken by development proposers which offer the capability to satisfy minimum standards of daylight provision.*
>
> *Where an applicant cannot fully meet all of the requirements of the daylight provisions above, this must be clearly identified and a rationale for any alternative, compensatory design solutions must be set out, which planning authorities should apply their discretion in accepting taking account of its assessment of specific. This may arise due to a design constraints associated with the site or location and the balancing of that assessment against the desirability of achieving wider planning objectives. Such objectives might include securing comprehensive urban regeneration and or an effective urban design and streetscape solution.'*

4.10 British Standard BS 8206-2 referred to in the Design Standards for New Apartments document was withdrawn in the UK in 2018 and replaced in the UK with British Standard BS EN17037.

4.11 No reference is made to BS EN17037 in the 'Design Standards for New Apartments'.

4.12 It is important to note that the 2011 BRE Guidelines (which originate from BS 8206) have not been withdrawn (as of March 2022).

4.13 To our knowledge the BRE Guidelines remain the principal non statutory guide referred to by most local authorities in Ireland and the UK, as the appropriate scientific and empirical method of measuring daylight and sunlight in new buildings, to provide objective data upon which to apply their planning policies.

4.14 The BRE have confirmed that until the revised BRE Guidelines are published (expected later in 2022), they consider it reasonable and acceptable to continue using the current BRE Guidelines (*i.e., 'Site Layout Planning for Daylight and Sunlight' 2nd edition, published 2011*).

Dublin City Development Plan 2016-2022

4.15 The Dublin City Development Plan (2016-2022) sets out policies and objectives to guide how and where development will take place in the city over the lifetime of the Plan.

4.16 Chapter 16, Development Standards: Design, Layout, Mix of Uses and Sustainable Design states under Aspect, Natural Lighting, Ventilation and Sunlight Penetration:

'Development shall be guided by the principles of Site Layout Planning for Daylight and Sunlight, A guide to good practice (Building Research Establishment Report, 2011).

The BRE Guidelines (2011) – Overview

4.17 The BRE Guidelines are a well-established non-statutory guide referred to by most local authorities in Ireland and the UK as the scientific and empirical methods of measuring daylight and sunlight in order to provide objective data upon which to apply their planning policies.

4.18 Both the BRE Guidelines and the redacted BS 8206-2: 2008 Guidelines, are referred to in the Urban Development and Building Height Guidelines for Planning Authorities (2018) and the Sustainable Urban Housing: Design Standards for New Apartments (2020) as an appropriate set of guidelines against which to assess the level of light amenity within new development.

4.19 The BRE Guidelines are not fixed standards, and they should be applied flexibly to take account of the specific circumstances of each case. The introduction of the Guidelines states in Paragraph 1.6:

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

4.20 It is therefore important that the Guidelines are not incorrectly interpreted at face value, by applying a rigid interpretation of the baseline targets in the Guidelines as being the set target criteria regardless of context, when assessing new development in more urban locations or when assessing new housing schemes which may include areas with higher levels of density where lower levels of daylight are to be expected. This is not a correct or appropriate interpretation of the Guidelines.

4.21 The Guidelines go on to state:

> *'Although it gives numerical guidelines, these should be interpreted flexibly… in certain circumstances the developer or planning authority may wish to use different target values…'*
>
> *'Note that numerical values given here are purely advisory. Different criteria may be used based upon the requirements for daylighting in an area viewed against other site constraints'.*

4.22 Further information regarding the methods of daylight and sunlight assessment are discussed below and additional detail can also be found in Appendix I.

European Standard: EN 17037

4.23 The new European Standard (EN 17037) was published late 2018. It is the first European standard that deals with the assessment of daylight within buildings.

4.24 The European Standard is not referenced in the Design Standards for New Apartments (2020), the Urban Development and Building Heights: Guidelines for Planning Authorities (2018), or the Dublin City Development Plan 2016-2022.

4.25 In response to the publication of EN 17037, many countries (such as the UK – *see British Standard – BS EN 17037 below)* produced their own National Annex, which adopted the CBDM method of daylight

analysis, but applied their own national target criteria which better reflect their existing and emerging built environment.

4.26 No National Annex was published in Ireland.

British Standard: BS EN 17037

4.27 In response to the European Standard (EN 17037), the British Standard (BS) did produce a UK National Annex which overrides the baseline EN17037 target guidelines for the UK; but which adopted the CBDM method of addressing daylight.

4.28 The UK National Annex (NA) provides further recommendations and data for daylight provision and application of the new European Standard in the UK and Channel Islands.

4.29 The NA was prepared, in part, in response to the perceived challenges of applying the European Standard in the UK, due to its high benchmark. The introduction of the NA states:

> *"The UK committee supports the recommendations for daylight in buildings given in BS EN 17037:2018; however, it is the opinion of the UK committee that the recommendations for daylight provision in a space (see Clause A.2) may not be achievable for some buildings, particularly dwellings. The UK committee believes this could be the case for dwellings with basement rooms or those with significant external obstructions (for example, dwellings situated in a dense urban area or with tall trees outside), or for existing buildings being refurbished or converted into dwellings. This National Annex therefore provides the UK committee's guidance on minimum daylight provision in all UK dwellings."*

4.30 Section NA.2, 'Minimum daylight provision in UK dwellings, sets out that:

> *"Even if a predominantly daylit appearance is not achievable for a room in a UK dwelling, the UK committee recommends that the target illuminance values given in Table NA.1 are exceeded over at least 50 % of the points on a reference plane 0.85 m above the floor, for at least half of the daylight hours".*

4.31 The NA makes no direct reference to the Republic of Ireland, and no Irish specific National Annex exists.

4.32 However, the soon to be updated BRE Guidelines are expected to largely mirror the methodology and target criteria which is set out in the NA.

4.33 Therefore, a full set of BS EN17037 technical assessments have been undertaken against all proposed habitable rooms, and benchmarked against the NA standard, which we understand will become the new BRE target criteria.

4.34 This analysis has been assessed against published real-world climate-based data for Dublin.

4.35 The full set of climate based technical results and analysis are set out in Section 9 of this report and Appendices V and VI.

5. Section 1 - Neighbouring Daylight, Sunlight and Overshadowing Methodology

Daylight

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

Vertical Sky Component (VSC)

5.2 The amount of light available to a window depends upon the amount of unobstructed sky that can be seen from the centre of the window under consideration. The amount of visible sky and consequently the amount of available skylight is assessed by calculating the VSC at the centre of the window. The guidelines advise that bathrooms, toilets, storerooms, circulation areas and garages need not be analysed.

5.3 The VSC can be calculated by using the skylight indicator provided as part of the guidelines, by mathematical methods using what is known as a Waldram diagram or by 3D CAD modelling.

5.4 Paragraph 2.2.7 of the guidelines states the following:-

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

5.5 It must be interpreted from this criterion that a 27% VSC constitutes adequacy, but where this value cannot be achieved a reduction of up to 0.8 times its the former value (this is the same as saying a 20% reduction when compared against the existing condition) would not be noticeable and would not therefore be considered material.

5.6 The VSC calculation only measures sky visibility reaching the outside plane of the window under consideration, so this is considered more a measure of the potential for good daylight within a given room. Depending upon the room and window size, the room may still be adequately lit with a lesser VSC value than the target values referred to above.

No-Sky Line (NSL or Daylight Distribution)

5.7 The BRE Guidelines advise that where room layouts are known, the effect on the daylight distribution can be calculated by plotting the NSL. In terms of the neighbouring receptors, it has not been possible to obtain room layouts for the neighbouring properties and therefore layouts have been assumed.

5.8 The NSL is a measure of the distribution of daylight at the 'working plane' within a room. The 'working plane' means a horizontal 'desktop' plane 0.85m in height for residential properties. The NSL divides those areas of the working plane which can receive direct sky light from those which cannot. If a significant area of the working plane (normally more than 20%) lies beyond the NSL (i.e. it receives no direct sky light), then the distribution of daylight in the room will look poor and supplementary electric lighting may be required.

5.9 The potential effects of daylight distribution in an existing building can be identified by plotting the NSL in each of the main rooms. For residential dwellings, this will include living rooms, dining rooms and kitchens. Bedrooms should also be analysed, although they are less important. The BRE Guidelines identify that if the area of a room that does receive direct sky light is reduced to less than 0.8 times its former value, then this would be noticeable to its occupants.

Sunlight

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

Annual Probable Sunlight Hours (APSH)

5.11 There is a requirement to assess windows of surrounding properties where the main windows face within 90 degrees of due south.

5.12 For new development, APSH calculations are taken at the centre of each window being assessed, on the plane of the inside face of the window wall. For existing neighbours, the outside face of the window wall is used.

5.13 The APSH method is based on the long-term average of the total number of hours during the year in which direct sunlight reaches the unobstructed ground allowing for average levels of cloudiness.

5.14 The sunlight availability indicator is then used to plot what percentage of the annual unobstructed total will reach the window reference point when obstructions and orientation are taken into account.

5.15 The BRE guidelines state:

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

5.16 Paragraphs 3.2.5 and 3.2.6 of the guidelines sets the following recommendations:

> *'If this window reference point can receive more than one quarter of annual probable sunlight hours, including at least 5% of annual probable sunlight hours during the winter months of 21st September and 21st March, then the room should still receive enough sunlight. The sunlight availability indicator in Appendix A can be used to check this.*
>
> *Any reduction in sunlight access below this level should be kept to a minimum. If the available sunlight hours are both less than the amount given and less than 0.8 times their former value, either over the whole year or just during the winter months then the occupants of the existing building will notice the loss of sunlight.'*

5.17 To summarise the above, the target level of sunlight to a window is 25% annual probable sunlight hours, of which 5% should be in winter months. Where sunlight levels fall below the suggested level, a comparison with the existing condition is reviewed and if the ratio reduction is within 0.8 (the same as saying a 20% reduction) its former value or the reduction in sunlight received over the whole year is 4% or less, then the sunlight loss will not be noticeable.

5.18 Where sunlight reductions fall below a ratio of 0.8 (the same as saying greater than 20%) then the sunlight losses may be noticeable to occupants.

5.19 The BRE guidance identifies the main influencing factors affecting access to available sunlight are site orientation and degree of obstruction.

5.20 When considering existing neighbours these factors are clearly outside the control of the designer. In new development the BRE suggest that the aim should be to minimise the number of northerly facing dwellings, however in larger developments it is accepted this may not be possible.

5.21 In relation to sunlight (APSH) analysis, usually only windows which are oriented within 90 degrees of due south have been considered, as they have a reasonable expectation for sunlight. Where a room is served by multiple windows, if one or more windows is oriented within 90 degrees of due south the remaining windows serving the room will be considered regardless of orientation.

Overshadowing

Overshadowing – Sun Hours on Ground

5.22 The BRE Guidelines recommend that the availability of sunlight should be check for all spaces where it will be required. It states '*this will normally include gardens, parks and playing fields, children's playgrounds, pools, sitting out areas such as those between building and in public squares and focal points*'.

5.23 The BRE Guidelines suggest that for a garden or amenity area to appear adequately sunlit throughout the year, at least half (50%) of the area should receive two or more hours of direct sunlight on 21st March.

5.24 The Vernal Equinox, 21st March date is chosen as it represents average annual conditions, therefore sunlight amenity within the amenity area is expected to increase after this point, to a maximum on the summer solstice (21st June).

5.25 Using specialist software, the path of the sun is tracked at one-minute intervals to establish where sunlight falls on the ground and where it is prevented from doing so as a result of surrounding obstructions.

6. Section 2 – Internal Daylight, Sunlight and Overshadowing Methodology

Daylight

6.1 The ADF assessment methodology is set out in the BRE guidelines and also in BS 8206-2: 2008.

6.2 The BRE Guidelines state in the opening Summary:

> *'This guide gives advice on site layout planning to achieve good sunlighting and daylighting both within buildings and in the open spaces between them. It is intended to be used in conjunction with the interior daylight recommendations in the British Standard Code of practice for daylighting, BS 8206-2.'*

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

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

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

6.5 The following assumptions have been made in the ADF calculations: Glazing Transmittance: 0.70; Maintenance Factor: 0.8; Glazing Bar Correction: 0.9; Wall Reflectance 0.81; Floor Reflectance: 0.4; Ceiling Reflectance: 0.85.

6.6 The ADF criteria is the prescribed methodology for evaluating daylight within proposed accommodation and the ADF values based on room use referenced by the BRE Guidelines can be found in the British Standard document BS8206 Part 2. The values for those rooms that are most relevant for our assessments are:

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

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

6.8 The ADF calculation determines the average illuminance on the working plane in a room, divided by the illuminance on an unobstructed surface outdoors.

6.9 It is designed to quantify the amount of daylight in a room as a whole and does not therefore illustrate the likely levels of daylight in the different areas of a large multiuse room.

6.10 For example, where the living room is generally situated at the front of the room, followed by the dining area and then the kitchen at the rear (which is common in most modern apartment block developments), the living and dining areas may receive good levels of daylight amenity, whilst the

kitchen at the rear may not be expected to achieve a good level of daylight amenity. It is important therefore to take this into consideration.

6.11 In the case of the Proposed Development, the proposed units feature open plan living/kitchen/dining rooms ('LKD's') where some of the kitchens/food preparation areas are located at the rear of deep open plan spaces. In many cases the kitchen areas are clearly intended to be predominantly artificially lit with electric lighting given their distance to a main or supplementary window.

6.12 As a result of this, it is also appropriate in our opinion to consider if these rooms would achieve the suggested standard for a living room (1.5% ADF), in addition to the target for a kitchen (2% ADF), due to the fact the galley kitchens to the rear of the LKD's are not directly daylit. In both cases, the full room depths are assessed. In consideration of this, the following assessment scenarios have been considered:

- Assessment 1: Full depth LKD's considered against a 2% ADF target, in light of the recent judgement in *Atlantic Diamond Ltd v An Bord Pleanála*.
- Assessment 2: Full depth LKD considered against a 1.5% ADF target value, to determine the quantum of LKD's that will at least retain 1.5% ADF, the minimum level of daylight recommended for living room spaces.

6.13 In addition to the above, paragraph 2.1.14 of the BRE Guidelines states in respect of internal galley type kitchens that if these are not directly day-lit they should be directly linked to a well day-lit living room.

6.14 As such where the proposed floor plans indicate galley type kitchen areas to the rear of multi-use living/kitchen/dining ('LKD') rooms with no natural light due to the distance from windows, we have run supplementary assessments which discount the galley kitchen areas from the ADF and NSL calculations, and assessed the remaining dual use living/dining (or 'LD') space against both a 2% and 1.5% ADF target value, as a means of estimating the quantum of daylight in the front portion of the rooms (i.e. living/dining area). In LKD's where the kitchen area is clearly used for dining or served by a window, the full room has been assessed against a 2% ADF target.

- Supplementary Assessment 1: LKD's with galley kitchens removed from analysis and assessed against a 2% ADF target.
- Supplementary Assessment 2: LKD's with galley kitchens removed from analysis and assessed against a 1.5% ADF target.

No-Sky Line (NSL or Daylight Distribution)

6.15 In conjunction with the ADF test the BRE guidelines suggest that the distribution of daylight is assessed using the No Sky Line (NSL) test. This test separates those areas of the working plane that can receive direct skylight and those that cannot.

6.16 When dealing with proposed properties the BRE guidelines suggest that a room should enjoy good levels of daylight distribution if 80% of the working plane is in front of the No-Sky Line.

6.17 However, for urban areas, and in our experience, this is often not achieved. It is our view that for urban or areas with increasing densification and where balconies are used for the provision of external private amenity but reduce the level of sky visibility entering deep into a room, a target of 50% is more reasonable.

Climate Based Daylight Modelling (CBDM)

6.18 Additional daylight assessments for the Proposed Development have been undertaken in accordance with both the new European Standard target criteria (EN 17037), and what is expected to be the updated BRE target criteria (i.e. BS EN 17037 - the current target set out in the UK national Annex).

6.19 Both use climate-based daylight modelling to determine the likely performance of new development against different target criteria (set out below).

6.20 CBDM evaluations are carried out for a full year, for every hour, over every day of the year, to capture the daily and seasonal dynamics of daylight.

6.21 In a CBDM assessment, each room is divided up into divided into 400 grid squares, on the working plane (850mm from floor level). Each grid square is then assessed against 8,760 individual calculations using real world climate-based data for the region being tested (i.e. in this case a weather file for Dublin.epw was used in our analysis).

European Standard: EN 17037

6.22 EN 17037 assesses daylight illuminance to determine if rooms can achieve certain lux levels, using Climate based daylight modelling ('CBDM'). CBDM is the prediction of any luminous quantity (illuminance and/or luminance) using realistic sun and sky conditions derived from standardised climate data.

6.23 EN 17037 provides a range of recommendations for 'high', 'medium' and 'minimum' daylight targets.

Target	Target Illuminance (Lux)
Minimum	**300**
Medium	**500**
High	**750**

Table 1: *EN 17037 daylight targets*

6.24 To meet the minimum targets under the European Standard, a room must **achieve 300 lux to be met for 50% of the area of a room, for 50% of daylight hours; AND 100 lux to be met for 95% of the area.**

6.25 This is considered a challenging target in our opinion, particularly when assessing development in urban settings such as the Site. The criteria set out in the European Standard are more difficult to achieve than the well-established ADF (Average Daylight Factor) values, which is the current default method recommended by the BRE for assessing daylight within buildings.

6.26 It is almost certain that the BRE will adopt the new European Standard method of daylight analysis. Furthermore, it is very likely that the new target criteria in the soon to be published BRE Guidelines, will mirror the daylight target criteria set in the UK National Annex.

6.27 The reasons for adopting the alternative target criteria for the UK is set out clearly in the introduction of the National Annex:

> *"The UK committee supports the recommendations for daylight in buildings given in BS EN 17037:2018; however, it is the opinion of the UK committee that the recommendations for daylight provision in a space (see Clause A.2) may not be achievable for some buildings, particularly dwellings….This National Annex therefore provides the UK committee's guidance on minimum daylight provision in all UK dwellings."*

6.28 Whilst the UK National Annex does not apply to Ireland, AY do expect the updated BRE Guidelines to remain the principal guidelines used by local authorities in Ireland to assess the performance of light with new buildings.

6.29 Therefore, for the purposes of clarity, AY have assessed the Proposed Development against both the baseline European Standard target criteria, and what is expected to be the updated BRE target criteria (i.e., the current target set out in the UK national Annex).

British Standard – BS EN 17037

6.30 BS EN 17037 assesses daylight illuminance to determine if rooms can achieve certain lux levels, using Climate based daylight modelling ('CBDM').

6.31 The minimum target values according to room type are replicated on Table 2 below (based upon Table NA.1).

Room Type	Target Illuminance (Lux)
Bedroom	100
Living Room	150
Kitchen	200

Table 2: *Values of target illuminance for room types in UK dwellings*

6.32 Unlike the European Standard (EN 17037), the BS EN 17037 targets are to be met for 50% of the room, for 50% of the daylight hours only. There is no minimum uniformity target to be met. The NA states:

> *"… the recommendation in Clause A.2 – that a target illuminance level should be achieved across the entire (i.e. 95 %) fraction of the reference plane within a space – need not be applied to rooms in dwellings."*

6.33 Therefore, for a living room to pass this criterion it should achieve **150 lux for 50% of the area of a room, for 50% of daylight hours** (note: no additional minimum uniformity target needs to be met for 95% of the room area, unlike the EN 17037 test. If a kitchen is being assessed the target is 200 lux; with a lower 100 lux target for bedrooms).

6.34 In common with the current BRE (2011) ADF analysis method, for multiple rooms the UK committee for the European Standard recommends '*that the target illuminance is that for the room type with the highest value'* (i.e. 200 lux for a LKD).

6.35 Therefore, a full set of BS EN17037 technical assessments have been undertaken against all proposed habitable rooms, and benchmarked against the NA standard, which we understand will become the new BRE target criteria. This analysis has been assessed against published real-world climate-based data for Dublin.

Sunlight

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

Annual Probable Sunlight Hours (APSH)

6.37 For new development, APSH calculations are taken at the centre of each window being assessed, on the plane of the inside face of the window wall. For existing neighbours, the outside face of the window wall is used.

6.38 The APSH method is based on the long-term average of the total number of hours during the year in which direct sunlight reaches the unobstructed ground allowing for average levels of cloudiness.

6.39 The sunlight availability indicator is then used to plot what percentage of the annual unobstructed total will reach the window reference point when obstructions and orientation are taken into account.

6.40 The BRE guidelines state:

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

6.41 Paragraphs 3.2.5 and 3.2.6 of the guidelines sets the following recommendations:

> *'If this window reference point can receive more than one quarter of annual probable sunlight hours, including at least 5% of annual probable sunlight hours during the winter months of 21st September and 21st March, then the room should still receive enough sunlight. The sunlight availability indicator in Appendix A can be used to check this.*
>
> *Any reduction in sunlight access below this level should be kept to a minimum. If the available sunlight hours are both less than the amount given and less than 0.8 times their former value, either over the whole year or just during the winter months then the occupants of the existing building will notice the loss of sunlight.'*

6.42 To summarise the above, the target level of sunlight to a window is 25% annual probable sunlight hours, of which 5% should be in winter months. Where sunlight levels fall below the suggested level, a comparison with the existing condition is reviewed and if the ratio reduction is within 0.8 (the same as saying a 20% reduction) its former value or the reduction in sunlight received over the whole year is 4% or less, then the sunlight loss will not be noticeable.

6.43 Where sunlight reductions fall below a ratio of 0.8 (the same as saying greater than 20%) then the sunlight losses may be noticeable to occupants.

6.44 The BRE guidance identifies the main influencing factors affecting access to available sunlight are site/window orientation and degree of obstruction.

6.45 In new development the BRE suggests that the aim should be to minimise the number of north facing dwellings, however, in larger developments it is accepted this may not be possible.

Overshadowing

Sun Hours on Ground

6.46 The BRE Guidelines acknowledge that the spaces between buildings have an important impact on their overall appearance and ambience. They state that the availability of sunlight should be checked for all open spaces where it will be required.

6.47 The BRE Guidelines state that spaces will have different sun-lighting requirements and therefore it is difficult to suggest a hard and fast rule for all. They state that the Equinox (21st March) can be selected as an assessment date as it represents average annual conditions.

6.48 The default recommendation is that at least half of the amenity area being assessed (i.e. 50% of its area) should receive at least 2 hours of sunlight on 21st March. The BRE Guidelines advise plotting the '2 hours sun contour' onto the amenity area in order to determine this.

6.49 The BRE does not provide any specific guidance or requirement to assess overshadowing/sunlight amenity to balconies. However, we note that the '*Sustainable Urban Housing: Design Standards for New Apartments, Guidelines for Planning Authorities*' document dated March 2020 produced by the Department of Housing, Planning and Local Government suggests that analysis is undertaken to determine if the balconies will achieve sunlight amenity; however, no guidance is provided in relation to how this test should be undertaken.

6.50 We have therefore applied the Sun Hours on Ground Overshadowing assessment on 21st March and 21st June to the proposed balconies.

7. Existing Site, Consented Scheme and Proposed Development

Existing Site

7.1 The existing site (the 'Site') is located on Swords Road in the north part of Dublin City with direct access to the Centre. The Site is located within Dublin City Council and comprises of circa 2.73 hectares (6.75 acres) of greenfield Site.

7.2 The existing Site is illustrated at Figure 1 below and drawings BRE/01 and 04, located in Appendix II.



***Figure 1** – 3D view of the existing Site*

Consented Scheme

7.3 The Consented scheme massing was issued to Avison Young on 10 February 2022 and can be located on the Dublin City Council Planning Portal under Reference Number 3269/10.

7.4 The Consented Scheme was for the development of 402 no. dwellings comprised of 1,2 & 3 bed apartments all located in 7 no. 5 to 8 storey blocks.

7.5 The consented massing is illustrated at Figure 2 below and drawings BRE/01 and 04, located in Appendix II.



***Figure 2** – 3D view of the existing Site*

Proposed Development

7.6 The proposed development will consist of the construction of 7 no. blocks in heights up to 8 storeys (over single level basement) comprising 472 no. apartment units, a creche, café unit, and internal residential amenity space. The proposal also includes car, cycle, and motorcycle parking, public and communal open spaces, landscaping, bin stores, plant areas, substations, switch rooms, and all associated site development works and services provision. Access is provided from the development from Swords Road with associated upgrades to the existing public road and footpaths. A full description of the development is provided in the statutory notices and in Chapter 3 of the EIAR submitted with the application.

7.7 A massing model of the Proposed Development is illustrated in green on Figure 3 below and drawings BRE/03 and 04, located in Appendix II.



Figure 3 *– 3D view of the Proposed Development, illustrated in green*

8. Section 1 – Surrounding Daylight, Sunlight and Overshadowing Results

Daylight and Sunlight

8.1 In urban/residential locations where greenfield or brownfield sites have been zoned for higher levels of density , it is common and often unavoidable for reductions of daylight and sunlight to occur which fall beyond the criteria set out in the BRE guidelines.

8.2 Where reductions are likely to be beyond the BRE guidelines criteria, this report has considered whether the likely retained levels of daylight and sunlight are commensurate in the urban context of the Proposed Development.

8.3 When considering retained levels of daylight the BRE guidelines suggest a criteria of 27% VSC. On section, 27% VSC is comparable to an obstruction angle of 25° which is comparable to a low-rise area (typically 2 storey buildings with a pitched roof set a reasonable distance apart). Therefore, applying a target of 27% VSC in areas which are becoming increasingly densified, is not always considered applicable. In our extensive experience of advising on daylight and sunlight matters, AY consider that in an urban context, a VSC of 18% can be considered acceptable and provide reasonable levels of daylight. The BRE guidelines Appendix F states:

"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".

8.4 With regard to daylight distribution, it is often very difficult to retain direct daylight to at least 80% of the working plane in urban locations without having to compromise on other factors, such as, ensuring the development potential of the Site is fully utilised. In addition, it is often found that this level is not achieved in the existing condition. Using the same principles set out above for establishing a lower VSC target, for urban locations we are generally of the view that if more than 50% of the working plane can continue to receive some direct daylight then it can be considered acceptable.

8.5 In accordance with the 2011 BRE Guidelines, neighbouring residential properties surrounding the Proposed Development have been considered for the daylight and sunlight technical assessment as they are recognised as having a greater requirement for daylight and sunlight than commercial properties (*BRE Guidelines, Page 7, Section 2.2.2*).

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

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

8.8 Please refer to Appendix III for the Daylight and Sunlight analysis tables and associated No Sky-Line contour drawings (*BRE/05-13*), upon which this report is based.

8.9 Our assessment also considers the Consented Scheme for the Site and the 3D Design Bureau Report dated January 2021 that accompanied the former planning consent scheme for the Site.

8.10 The BRE Guidelines (Appendix F) notes that when there is an extant planning permission for a site and the developer wants to change the design, for the purpose of assessing the loss of daylight and sunlight to neighbouring existing windows, a local authority may allow the extant scheme to be considered in the baseline to provide an alternative benchmark. Therefore, AY have undertaken a supplementary assessment for the consented scheme against the proposed massing which can be located in Appendix XI.

8.11 The results discussed within this report illustrate that the Proposed Development is broadly comparable with the consented scheme.

8.12 Technical analysis has determined that the following neighbouring properties assessed (listed below) will comply with the BRE criterion for daylight (VSC and NSL) and sunlight (APSH), and thus will experience a negligible impact as a result of the Proposed Development:

- 61 Swords Road;
- 63 Swords Road;
- 67 Swords Road;
- 69 Swords Road;
- 71 Swords Road;
- 85-87 Swords Road; and
- 91 Swords Road.

8.13 The remaining properties included within our assessment are discussed in further detail below:

Beechlawn Nursing Home

8.14 This property is located to the east of the main Proposed Development and is understood to contain residential accommodation serving as a nursing home. Floor plans have been obtained for this property and therefore these have been applied within our technical assessment.

8.15 Assessments have been undertaken to 40 site-facing windows, which we understand serve 18 rooms.

Daylight

8.16 The VSC results show that six of the 40 (**15%**) site-facing windows will strictly comply with the BRE criteria *(i.e. retain a VSC of 27% or experience a percentage change of no greater than 20% its former value).*

8.17 Of the 34 rooms that do not meet the BRE Guidelines, 14 will retain in excess of 20% VSC and therefore, in our professional opinion will retain reasonable levels of daylight in the proposed conditions.

8.18 The remaining 20 windows enjoy limited sky visibility in the existing condition and are all well below the recommended 27% VSC target criteria and therefore record disproportionate percentage reductions between the existing and proposed values. In our professional opinion, the absolute change in VSC is unlikely to be perceptible to these windows.

8.19 For NSL, 10 of the 18 (**56%**) rooms assessed will meet the BRE Guidelines.

8.20 Of those eight that do not meet the criteria, five will retain in excess of 66% NSL. The remaining three rooms will retain daylight distribution to in excess of 57% of the room area, which we consider to be commensurate in an urban location that is zoned for densification.

8.21 Sunlight

8.22 For annual sunlight, four of the 24 (**17%**) windows assessed will exceed the BRE's recommended target values. For winter sunlight, 11 of the 24 (**46%**) windows assessed will meet the recommended criteria.

8.23 Of the 20 windows that do not meet the guidelines for annual sunlight, eight will retain in excess of 20% APSH which we consider to be an acceptable level of sunlight availability. The remaining windows all achieve less than 25% APSH in the existing condition and although there will be reductions to these windows, disproportionate percentage reductions are recorded between the existing and proposed values due to the fact that the existing values are already below the recommended 25% APSH.

8.24 For winter sunlight, 11 of the windows that do not meet the criteria will achieve in excess of 3% APSH which we consider to be an adequate level of sunlight during the winter months for an urban location such as the site. The remaining two windows will retain 2% APSH however, the percentage change between the existing and proposed value is minor in our opinion.

8.25 Based upon the high retained levels of sunlight to a number of the windows, the effects could be considered acceptable with the increasing density of the area.

Comparison between the Consented Scheme v Proposed Scheme

8.26 Upon review of the results with the consented scheme in the baseline (see Appendix XI), it can be seen that the significance remains the same for NSL and therefore, the Proposed Development causes no additional NSL alterations.

8.27 For VSC and APSH there will be negligible additional reductions with the Proposed scheme, which in our opinion are modest in nature.

8.28 The daylight and sunlight results with the previously consented scheme were supported by the An Bord Pleanala Inspector for planning application SHD0005/21 where they stated:

> *"Having regard to my detailed assessment of the design and layout of the development and to my inspection of the site and surrounding areas, and with regard to the relevant standards set out in BS 2008, I am satisfied that the development will not have any significant adverse impact on residential amenities or sensitive receptors by way of overshadowing or adverse impacts on daylight/sunlight".*

Highfield Healthcare

Daylight

8.29 This property is located to the south of the Proposed Development Site and is a mental health hospital which is understood to contain residential inpatient accommodation.

8.30 Floor plans have not been obtained for this property and therefore our reasonable assumptions as to the layout of the property have been applied for the NSL assessment. Analysis has been undertaken against 66 site-facing windows and 62 assumed rooms.

8.31 The VSC results show that 64 of the 66 (**97%**) windows assessed will remain in accordance with the BRE guidelines.

8.32 Of the two windows that do not meet the guidelines, both retain in excess of 18% VSC, window W10/511 is located on the 1st floor and will retain 21.23% VSC, whilst window W10/512 has an existing value of 23.20% and retains 18.14% VSC in the proposed conditions. AY consider these retained values to be acceptable in the context of the Proposed Development.

8.33 With regard to the NSL assessment, all (**100%**) 62 rooms assessed will meet the BRE criteria.

Sunlight

8.34 In terms of APSH (sunlight), no site facing windows or rooms have been assessed as they are oriented north.

8.35 In addition, AY have assumed that all rooms serve habitable rooms but on the basis that this property serves as a hospital, it is likely that a number of the assessed rooms serve non-habitable rooms such as stairwells, office space, bathrooms, or WC's. Therefore, we have applied a worst case scenario by including all windows and rooms within our assessment.

8.36 Based upon the high level of compliance for both daylight and sunlight, we consider the effects to this property to be acceptable.

Comparison between the Consented Scheme v Proposed Scheme

8.37 Upon review of the consented results for the Site, it can be seen that the significance either remains the same, experiences very small additional reductions (for example, of less than 1.5% for VSC) , or, in some cases slightly improves (see Window W22/511), for VSC, NSL and APSH and therefore, it is our opinion that the Proposed Development causes no material additional daylight and sunlight alterations.

Highfield Healthcare Outpatients

Daylight

8.38 This property is located to the south of the Proposed Development Site and is mixed-use serving as an outpatients centre.

8.39 Floor plans have not been obtained for this property and therefore our reasonable assumptions as to the layout of the property have been applied for the NSL assessment. Analysis has been undertaken against 44 site-facing windows and 22 assumed rooms.

8.40 The VSC results show that 35 of the 44 (**80%**) windows assessed will remain in accordance with the BRE guidelines.

8.41 Of the windows that do not meet the guidelines, all nine retain in excess of 18% VSC and therefore, in our opinion will achieve a reasonable amount of daylight in the proposed conditions.

8.42 With regard to the NSL assessment, 21 of the 22 (**95%**) rooms assessed will meet the BRE criteria. The single room that does not meet the criteria is located on the first floor and has an existing value of 64.84% and will retain 36.02% NSL upon implementation of the Proposed Development.

Sunlight

8.43 In terms of APSH (sunlight), all rooms, with one exception (**95%**), will meet the BRE criteria.

8.44 The single window that does not meet the guidelines (window W4/521) is located on the first floor. The window will meet the criteria in the winter months, however, is reduced from 15% APSH to 11% APSH annually. This is considered to constitute a minor reduction and on the basis that the window meets the guidelines in the winter months, it could therefore be considered that the window could continue to enjoy reasonable levels of sunlight.

8.45 We have assumed that all rooms serve habitable rooms but on the basis that this property serves as a hospital, it is likely that a number of the assessed rooms serve non-habitable rooms such as stairwells, office space, bathrooms, or WC's. Therefore, we have applied a worst case scenario by assessing and including all windows and rooms within our assessment.

8.46 Based upon the high level of compliance for both daylight and sunlight, AY consider the effects to this property to be acceptable.

Consented Scheme

8.47 Upon review of the results with the consent in the baseline, it can be seen that the significance remains the same for VSC, NSL and APSH and therefore, the Proposed Development causes no additional daylight and sunlight alterations.

65 Swords Road

Daylight

8.48 This property is located to the west of the Proposed Development Site and is residential in use.

8.49 Floor plans have not been obtained for this property and therefore our reasonable assumptions as to the layout of the property have been applied for the NSL assessment. Analysis has been undertaken against four site-facing windows and four assumed rooms.

8.50 The VSC results show that all (**100%**) windows assessed will remain in accordance with the BRE guidelines.

8.51 With regard to the NSL assessment, all four (**100%**) rooms assessed will meet the BRE criteria.

Sunlight

8.52 In terms of APSH (sunlight), all rooms (**75%**) with one exception, will meet the BRE criteria.

8.53 The single window that does not meet the guidelines (window W2/540) is located on the ground floor. The window will meet the criteria in annually, however, is reduced from 7% APSH to 4% APSH in the winter months. However, on the basis that the window enjoys acceptable levels of sunlight annually, it could therefore be considered that the window will continue to enjoy adequate levels of sunlight.

8.54 Based upon the high level of compliance for both daylight and sunlight, AY consider the effects to this property to be acceptable.

Consented Scheme

8.55 Upon review of the results with the consent in the baseline, it can be seen that the significance remains consistent for VSC, NSL and APSH, with only modest changes occurring.

73 Swords Road

Daylight

8.56 This property is located to the west of the Proposed Development Site and is residential in use.

8.57 Floor plans have not been obtained for this property and therefore our reasonable assumptions as to the layout of the property have been applied for the NSL assessment. Analysis has been undertaken against seven site-facing windows and three assumed rooms.

8.58 The VSC results show that five of seven (**71%**) windows assessed will remain in accordance with the BRE guidelines.

8.59 Of the two windows that do not meet the BRE guidelines, both will retain in excess of 24% VSC and therefore, marginally fall short of the recommended 27% VSC criteria.

8.60 With regard to the NSL assessment, all three (**100%**) rooms assessed will meet the BRE criteria.

Sunlight

8.61 In terms of APSH, all (**100%**) windows assessed will meet the BRE criteria.

8.62 Based upon the high level of compliance for both daylight and sunlight, we consider the effects to 73 Swords Road to be acceptable.

Consented Scheme

8.63 Upon review of the consented results for the Site, it can be seen that the significance generally remains consistent for VSC, NSL and APSH and therefore, the Proposed Development causes no additional material daylight and sunlight alterations.

75 Swords Road

Daylight

8.64 This property is located to the west of the Proposed Development Site and is residential in use.

8.65 Floor plans have not been obtained for this property and therefore our reasonable assumptions as to the layout of the property have been applied for the NSL assessment. Analysis has been undertaken against eight site-facing windows and four assumed rooms.

8.66 The VSC results show that seven of eight (**88%**) windows assessed will remain in accordance with the BRE guidelines.

8.67 The single window that does not meet the BRE guidelines is located on the ground floor (W7/560) and will retain 26.64% which is marginally short of the recommended 27% VSC criteria.

8.68 With regard to the NSL assessment, all four (**100%**) rooms assessed will meet the BRE criteria.

Sunlight

8.69 In terms of APSH (sunlight), all (**100%**) windows assessed will meet the BRE criteria.

8.70 Based upon the high level of compliance for both daylight and sunlight, we consider the effects to 75 Swords Road to be acceptable.

Consented Scheme

8.71 Upon review of the consented results for the site, it can be seen that the significance remains consistent for VSC with all windows either continuing to enjoy over 27% VSC or experience an additional reduction of no more than 4% VSC. For NSL, the proposed scheme will result in minor additional reductions of no more than 3.5% NSL. APSH either continues to experience reductions which are considered unnoticeable in accordance with the BRE guidelines or will experience minor (not significant) additional reductions. Therefore, it is our opinion that the Proposed Development causes no additional significant daylight and sunlight alterations.

77 Swords Road

Daylight

8.72 77 Swords Road is located to the west of the Proposed Development Site and is residential in use.

8.73 Floor plans have not been obtained for this property and therefore our reasonable assumptions as to the layout of the property have been applied for the NSL assessment. Analysis has been undertaken against eight site-facing windows and four assumed rooms.

8.74 The VSC results show that seven of eight (**88%**) windows assessed will remain in accordance with the BRE guidelines.

8.75 The single window that does not meet the BRE guidelines is located on the first floor and will experience a minor reduction between the existing and proposed VSC values. Window W3/571 has an existing value of 17.99% and retains 13.41% VSC in the proposed condition which constitutes a 25.46% change, which is marginally in excess of the 20% alteration threshold recommended by the BRE.

8.76 With regard to the NSL assessment, two of the four rooms assessed will meet the BRE criteria.

8.77 Of those that do not meet the guidelines, both will retain daylight distribution to in excess of 65% of the room area. In our opinion this is a reasonable level of retained daylight distribution in an urban context.

Sunlight

8.78 In terms of APSH, six of the eight windows assessed will meet the BRE criteria.

8.79 Of those that do not meet the guidelines, both windows will retain levels of sunlight annually in excess of 21% APSH.

8.80 Based upon the high level of compliance for both daylight and sunlight, we consider the effects to this property to be acceptable. In addition, it is possible that our report includes non-habitable rooms as floor plans have not been obtained, therefore our assessment provides a realistic worst case scenario of potential daylight and sunlight effects.

Consented Scheme

8.81 Upon review of the consent for the Site, it can be seen that the significance generally remains consistent for VSC, NSL and annual APSH or each of the windows/rooms continue to enjoy a level of daylight/sunlight which is considered acceptable level for an area which is undergoing change and becoming increasingly densified.

79 Swords Road

Daylight

8.82 This property is located to the west of the Proposed Development Site and is residential in use.

8.83 Floor plans have not been obtained for this property and therefore our reasonable assumptions as to the layout of the property have been applied for the NSL assessment. Analysis has been undertaken against 11 site-facing windows and five assumed rooms.

8.84 The VSC results show that five of 11 (**45%**) windows assessed will remain in accordance with the BRE guidelines.

8.85 Four of the six windows that do not meet the guidelines retain in excess of 18% VSC and therefore, will achieve a reasonable amount of daylight in the proposed conditions.

8.86 The remaining two windows are located on the first floor (W2/581 and W4/581). Window W2/581 has an existing value of 18.43% and retains 14.14% VSC in the proposed condition, which constitutes a 23.28% change and is therefore marginally in excess of the 20% alteration threshold recommended by the BRE. Similarly, window W4/581 has an existing value of 14.46% and retains 10.40% VSC in the proposed condition which constitutes a 28.08% change.

8.87 With regard to the NSL assessment, three of the five (**60%**) rooms assessed will meet the BRE criteria.

8.88 Of those that do not, room R1/591 located on the first floor will retain 75.13% NSL and room R1/580 will retain 59.44% NSL.

Sunlight

8.89 In terms of APSH (sunlight), eight of the 11 (**73%**) windows assessed will meet the BRE criteria.

8.90 Of the three windows that do not meet the BRE criteria for sunlight, all will receive acceptable levels of sunlight annually in excess of 19% APSH.

8.91 Based upon the high level of compliance for both daylight and sunlight, we consider the effects to this property to be acceptable. In addition, it is possible that our report includes non-habitable rooms as floor plans have not been obtained, therefore we believe our assessment provides a realistic worst-case scenario of potential daylight and sunlight effects.

Consented Scheme

8.92 Upon review of the consent results for the Site, it can be seen that the significance generally remains consistent for VSC, NSL and annual APSH. Each of the windows/rooms continue to enjoy a level of daylight/sunlight which is considered an acceptable level for an area which is undergoing change and becoming increasingly densified in our opinion. Therefore, it is our opinion that the Proposed Development causes no significant material additional daylight and sunlight alterations.

81 Swords Road

Daylight

8.93 81 Swords Road is located to the west of the Proposed Development Site and is residential in use.

8.94 Floor plans have not been obtained for this property and therefore our reasonable assumptions as to the layout of the property have been applied for the NSL assessment. Analysis has been undertaken against eight site-facing windows and four assumed rooms.

8.95 The VSC results show that four of eight windows assessed will remain in accordance with the BRE guidelines.

8.96 All four windows that do not meet the BRE criteria are lit to below 27% VSC in the existing condition. These windows all experience a minor percentage reduction between the existing and proposed values.

8.97 With regard to the NSL assessment, all rooms (**100%**) assessed will meet the BRE criteria.

Sunlight

8.98 In terms of APSH (sunlight), six of the eight (**75%**) windows assessed will meet the BRE criteria.

8.99 Of the two windows that do not meet the BRE criteria for sunlight, both will receive high levels of sunlight annually in excess of 20% APSH.

8.100 Based upon the full compliance for NSL and high level of compliance for sunlight, we consider the effects to this property to be acceptable.

Consented Scheme

8.101 Upon review of the consent results for the Site, it can be seen that the significance generally remains the same for VSC, NSL and annual APSH. Each of the windows/rooms continue to enjoy a level of daylight/sunlight which is considered an acceptable level for an area which is undergoing change and becoming increasingly densified. Therefore, it is our opinion that the Proposed Development causes no significant material additional daylight and sunlight alterations.

Overshadowing – Sun Hours on Ground

8.102 Transient overshadowing analysis has been run on hourly intervals on the 21st of March and 21st of June to assess the instances and duration of the additional shadow caused by the Development to the neighbouring gardens and amenity spaces. This analysis was run in the existing and proposed scenarios. Full detailed results can be found at Appendix VII.



Figure 4 *– Transient shadow assessment: March 21st at 1pm – Existing and Proposed*



Figure 5 *– Transient shadow assessment: March 21st at 3pm – Existing and Proposed*

8.103 In the existing situation, the Site is largely vacant and therefore it is inevitable that some additional shadow will be cast upon neighbouring gardens with the Proposed Development in situ.

8.104 However, all neighbouring amenity spaces will continue to enjoy in excess of 2 hours of sun to at least 50%+ of their areas on the 21st of March and 21st of June, meaning they will accord with the sun hours on ground criteria set out in the BRE guidelines.

Consented Scheme

8.105 The orientation and general height and size of each of the blocks has not changed (see Figure 08 for the consented scheme and Figure 09 for the Proposed Scheme), and therefore the levels of sunlight enjoyed to each of the neighbouring amenity spaces are likely to be in line with what was previously consented.

9. Section 2 – Internal Daylight, Sunlight and Overshadowing Results

Average Daylight Factor and Daylight Distribution Results (*Daylight)*

9.1 A tabular set of ADF and NSL results, as well as the floor plans showing the results are given at Appendix IV.

9.2 A summary of the ADF test results for Assessment 1 is given below. In total 1162 rooms were assessed (full room depths), regardless of orientation:

	Average Daylight Factor Test: Assessment 1 Applying 2% for LKDs and Studios and 1% for Bedrooms						
Room Type	Number of Rooms Above ADF Criteria						
	Block A	Block B	Block C	Block D	Block E	Block F	Block G
Living/Kitchen/ Dining Rooms & Studios	30 Rooms	38 Rooms	45 Rooms	27 Rooms	52 Rooms	71 Rooms	48 Rooms
Bedrooms	92 Rooms	111 Rooms	86 Rooms	115 Rooms	100 Rooms	94 Rooms	85 Rooms
TOTAL	122 Rooms (82%)	149 Rooms (79%)	131 Rooms (94%)	142 Rooms (74%)	152 Rooms (96%)	165 Rooms (97%)	133 Rooms (81%)

Table 3: *Average Daylight Factor Test (Assessment 1)*

9.3 Across all of the buildings, **85%** of the habitable rooms will enjoy good levels of daylight when using the target criteria of 2% for a Living/Kitchen/Dining room (full room depth) and 1% ADF for bedrooms (full room depth). 2% ADF is the recommended minimum target for a kitchen, or multi-use LKD space.

9.4 This increases to **93%** if applying an alternative target criteria of 1.5% ADF (full room depth) for a Living/Kitchen/Dining room (i.e. Assessment 2), 1.5% is the target criteria for a living room.

9.5 The NSL results show that approximately **85%** of all rooms will achieve daylight distribution to 80%+ of the room areas in accordance with the BRE guidelines (Assessment 1).

9.6 **97%** of all rooms will achieve a daylight distribution of 50%+, with the majority of the front portion of these rooms (i.e. the living/dining areas) achieving good levels of daylight distribution.

9.7 In our opinion this is considered an acceptable level of daylight compliance for a multistorey, multi-block apartment scheme of this size and density.

9.8 Those rooms that do not meet the suggested ADF and NSL criteria are materially influenced by recessed balconies overhead (a requirement under the *Design Standards for New Apartments - 2020*), which restrict the quantum of direct daylight able to enter into the rooms.

9.9 However, the loss of internal daylight amenity to the rear of rooms caused by the recessed balconies, should be balanced against the provision of private amenity space which will provide future occupants with high levels of external daylight amenity.

9.10 The daylight results for each block have been reported on below.

Block A

9.11 Of the 148 rooms relevant for assessment, 82% (122) will meet the following criteria:

- All 92 (100%) bedrooms assessed will achieve an ADF target of 1%+;
- 30 (56%) of the 56 LKDs and Studios assessed will achieve an ADF target of 2%+ when applying a full room depth;
- This increases to 39 (70%) if applying a lower ADF target of 1.5%+ (full room depth).

9.12 The NSL assessment demonstrates that 92% (136 out of 148) of the rooms assessed will achieve over 80% daylight distribution.

9.13 98% (145) of the rooms will achieve over 50%+ daylight distribution.

9.14 Those rooms that do not meet the suggested ADF and NSL criteria are materially influenced by recessed balconies overhead. However, the loss of internal daylight amenity caused by the recessed balconies, should be balanced against the provision of private amenity space which will provide future occupants with high levels of external daylight amenity.

Block B

9.15 Of the 189 rooms relevant for assessment, 79% (149) will meet the following criteria:

- All 111 (100%) bedrooms assessed will achieve an ADF target of 1%+;
- 38 (49%) of the 78 LKDs and Studios assessed will achieve an ADF target of 2%+ when applying a full room depth, this increases to 63 (81%) when applying an ADF target of 1.5%+.

9.16 The NSL assessment demonstrates that 79% (150 out of 189) of the rooms assessed will achieve over 80% daylight distribution; whilst 99% (188) of the rooms will achieve over 50%+ daylight distribution.

9.17 Those rooms that do not meet the suggested ADF and NSL criteria are materially influenced by recessed balconies overhead. However, the loss of internal daylight amenity caused by the recessed balconies, should be balanced against the provision of private amenity space which will provide future occupants with high levels of external daylight amenity.

Block C

9.18 Of the 140 rooms relevant for assessment, 94% (131) will meet the following criteria:

- 86 (99%) of the 87 bedrooms assessed will achieve an ADF target of 1%+;

- 45 (85%) of the 53 LKDs and Studios assessed will achieve an ADF target of 2%+ when applying a full room depth, this increases to 52 (98%) when applying an ADF target of 1.5%+.

9.19 The NSL assessment demonstrates that 78% (127 out of 141) of the rooms assessed will achieve over 80% daylight distribution; whilst 98% (138) of the rooms will achieve over 50%+ daylight distribution.

9.20 Those rooms that do not meet the suggested ADF and NSL criteria are materially influenced by recessed balconies overhead. However, the loss of internal daylight amenity caused by the recessed balconies, should be balanced against the provision of private amenity space which will provide future occupants with high levels of external daylight amenity.

Block D

9.21 Of the 193 rooms relevant for assessment, 74% (142) will meet the following criteria:

- 115 (98%) of the 117 bedrooms assessed will achieve an ADF target of 1%+;
- 27 (36%) of the 76 LKDs assessed will achieve an ADF target of 2%+ when applying a full room depth, this increases to 45 (59%) when applying an ADF target of 1.5%+.

9.22 The NSL assessment demonstrates that 85% (164 out of 193) of the rooms assessed will achieve over 80% daylight distribution; whilst 95% (184) of the rooms will achieve over 50%+ daylight distribution.

9.23 Those rooms that do not meet the suggested ADF and NSL criteria are materially influenced by recessed balconies overhead. However, the loss of internal daylight amenity caused by the recessed balconies, should be balanced against the provision of private amenity space which will provide future occupants with high levels of external daylight amenity.

Block E

9.24 Of the 158 rooms relevant for assessment, 96% (152) will meet the following criteria:

- All 100 (100%) bedrooms assessed will achieve an ADF target of 1%+;
- 52 (90%) of the 58 LKDs and Studios assessed will achieve an ADF target of 2%+ when applying a full room depth, this increases to 55 (95%) when applying an ADF target of 1.5%+.

9.25 The NSL assessment demonstrates that 95% (150 out of 158) of the rooms assessed will achieve over 80% daylight distribution; whilst 99% (156) of the rooms will achieve over 50%+ daylight distribution.

9.26 Those rooms that do not meet the suggested ADF and NSL criteria are materially influenced by recessed balconies overhead. However, the loss of internal daylight amenity caused by the recessed balconies, should be balanced against the provision of private amenity space which will provide future occupants with high levels of external daylight amenity.

Block F

9.27 Of the 170 rooms relevant for assessment, 97% (165) will meet the following criteria:

- All 94 (100%) bedrooms assessed will achieve an ADF target of 1%+;
- 71 (93%) of the 76 LKDs and Studios assessed will achieve an ADF target of 2%+ when applying a full room depth, this increases to 72 (95%) when applying an ADF target of 1.5%+.

9.28 The NSL assessment demonstrates that 86% (147 out of 170) of the rooms assessed will achieve over 80% daylight distribution; whilst 97% (165) of the rooms will achieve over 50%+ daylight distribution.

9.29 Those rooms that do not meet the suggested ADF and NSL criteria are materially influenced by recessed balconies overhead. However, the loss of internal daylight amenity caused by the recessed balconies, should be balanced against the provision of private amenity space which will provide future occupants with high levels of external daylight amenity.

Block G

9.30 Of the 164 rooms relevant for assessment, 81% (133) will meet the following criteria:

- 85 (94%) of the 90 bedrooms assessed will achieve an ADF target of 1%+;
- 48 (65%) of the 74 LKDs and Studios assessed will achieve an ADF target of 2%+ when applying a full room depth, this increases to 68 (92%) when applying an ADF target of 1.5%+.

9.31 The NSL assessment demonstrates that 71% (116 out of 164) of the rooms assessed will achieve over 80% daylight distribution; whilst 91% (149) of the rooms will achieve over 50%+ daylight distribution.

9.32 Those rooms that do not meet the suggested ADF and NSL criteria are materially influenced by recessed balconies overhead. However, the loss of internal daylight amenity caused by the recessed balconies, should be balanced against the provision of private amenity space which will provide future occupants with high levels of external daylight amenity.

Comparison with Consented Scheme - Supplementary Assessment*: LKD's with galley kitchens removed assessed against a 1.5% ADF target*

9.33 It is accepted that the principal method of assessing daylight to an LKD in new development requires the full room depth to be assessed against a 2% ADF target (as set out above).

9.34 However, in an attempt to compare the performance of the Proposed Development with the consented scheme, we have run a supplementary assessment for the living room/dining rooms ("LD's") against a 1.5% ADF target with the rear galley kitchens removed from the assessment.

9.35 It is acknowledged that the resultant notional wall dividing the kitchen and living/dining space does artificially reflect in the ADF calculation, and therefore the results must be used only as an estimate of daylight potential in these areas, and as a supplementary assessment to a full room depth analysis.

9.36 If a 1.5% ADF target is used for all LKD's (including the 281 LD units notionally subdivided) and 1% for the bedrooms in this supplementary assessment, the compliance rate is **98%**. These results must be read alongside the primary assessment scenario above, however, they do indicate that the front portions of the vast majority of LKD spaces will achieve good levels of daylight amenity.

European Standard -Climate Based Analysis *(Daylight)*

9.37 The new European Standard (EN 17037) was published late 2018. It is the first European standard that deals with the assessment of daylight within buildings.

9.38 EN 17037 assess daylight illuminance to determine if rooms can achieve certain lux levels, using Climate - based daylight modelling (CBDM). CBDM is the prediction of any luminous quantity (illuminance and/or luminance) using realistic sun and sky conditions derived from standardised climate data.

9.39 CBDM evaluations are carried out for a full year at hourly intervals, so as to capture the daily and seasonal dynamics of daylight. Each room is divided up into 00 grid squares. Each grid square is then assessed against 8,760 individual calculations using real world climate data for Dublin.

9.40 It should be noted that the criteria set out in the European Standard are more difficult to achieve than the well-established ADF (Average Daylight Factor) values, which is the current default method recommended by the BRE for assessing daylight within buildings.

9.41 It is almost certain that the BRE will adopt the new European Standard method of daylight analysis.

9.42 Furthermore, it is very likely that the new target criteria in the soon to be published BRE Guidelines, will mirror the daylight target criteria set in the UK National Annex.

9.43 The reasons for adopting the alternative target criteria for the UK is set out clearly in the introduction of the National Annex:

> *"The UK committee supports the recommendations for daylight in buildings given in BS EN 17037:2018; however, it is the opinion of the UK committee that the recommendations for daylight provision in a space (see Clause A.2) may not be achievable for some buildings, particularly dwellings….This National Annex therefore provides the UK committee's guidance on minimum daylight provision in all UK dwellings."*

9.44 Whilst the UK National Annex does not apply to Ireland, AY do expect the updated BRE Guidelines to remain the principal guidelines used by local authorities in Ireland to assess the performance of light with new buildings.

9.45 Therefore, for the purposes of clarity, AY have assessed the Proposed Development against both the baseline European Standard target criteria, and what is expected to be the updated BRE target criteria (i.e., the current target set out in the UK national Annex).

9.46 Under the European Standard, for 'a room' (including a living room, kitchen or bedroom) to meet the minimum daylight target, it must achieve:

- **300 lux to 50% of the area of a room, for 50% of daylight hours; AND 100 lux to be met for 95% of the area.**

9.47 For a living room to meet the minimum targets under BS EN 17037 and under what is expected to be the updated BRE Guidelines a living room much achieve:

- **150 lux to 50% of the area of a room, for 50% of daylight hours** (Note: no additional minimum uniformity target needs to be met for 95% of the room area, unlike the EN 17037 test. If a kitchen is being assessed the target is 200 lux; with a lower 100 lux target for bedrooms).

9.48 The full set of EN 17037 and BS EN 17037 analysis can be found in Appendices V and VI.

9.49 AY have used the following reflectance values in our CBDM calculations:

Proposed Internal Units:

- Floor - light wood/cream carpet: 0.4%
- Ceiling - white: 0.85%
- Partition - magnolia: 0.81%
- Reveals - dark grey: 0.2%
- Glazing - clear double glazed: 0.68%

Proposed External:

- External brick and render: 0.38%
- Balconies: 0.15%

EN 17037

- Total number of rooms assessed: 1162 (*full room depths*)
- Total number of rooms which meet the 300-lux assessment: 264 (23%)
- Total number of rooms that meet the 100-lux assessment: 504 (43%)

9.50 It should be noted that the criteria set out in the European Standard are more difficult to achieve than the well-established ADF values, or indeed those set out in BS EN 17037.

9.51 Therefore, it is AY's view that a degree of flexibility in its application is appropriate.

9.52 Below the Proposed Development has been assessed against the target criteria set out in BS EN 17037.

BS EN 17037

- Total number of rooms assessed: 1162 (full room depths)
- Total number of rooms which meet the 100-lux assessment (bedrooms); and 200 lux assessment (LKD's): 743 (64%).

9.53 Overall, the level of compliance with BS EN 17037 is as expected due to the fact that the criteria set out in the European Standard are more difficult to achieve than the well-established ADF (Average Daylight Factor) values, which is the current default method recommended by the BRE for assessing daylight within buildings.

9.54 It should be noted that all rooms (even those that do fall below the European Standard), will achieve good levels of daylight autonomy in the front portions of the rooms. An example of this is illustrated below on Figures 6 & 7 (below).

9.55 Figure 6 illustrates the percentage occurrence within each rooms, that they will achieve 200 lux for LKD's and 100 lux for bedrooms on the ground and first floor of Block A1. Figure 7 simply illustrates the areas of these same rooms that will achieve either 100 lux (bedrooms) or 200 lux (LKD's).

9.56 It is clear from these assessments that whilst there are two north facing LKD's (both over-sailed by balconies which restrict light ingress) which will not meet the 1) the current ADF; the European Standard EN 17037; or the likely future BRE standard which mirrors BS EN 17037; the front living room portions of the rooms will achieve acceptable levels of natural light (200 lux) for the majority (circa 70%) of the year. Furthermore, the inhabitants will also have access to private external balconies, which will achieve high levels of daylight amenity.

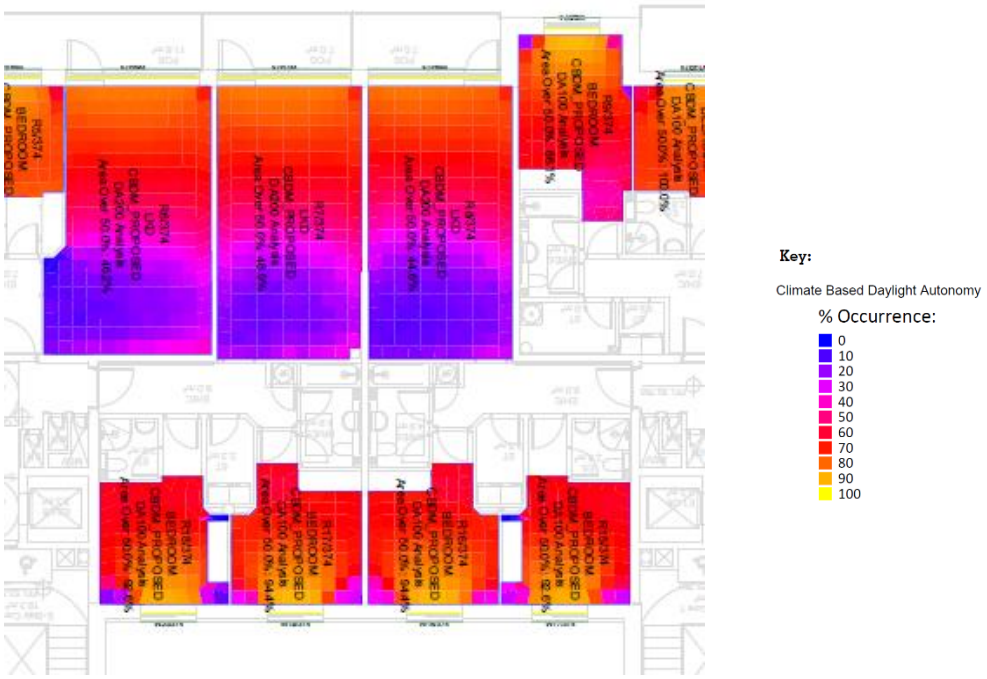


Figure 6 *- Climate Based Daylight Autonomy - % Occurrence*

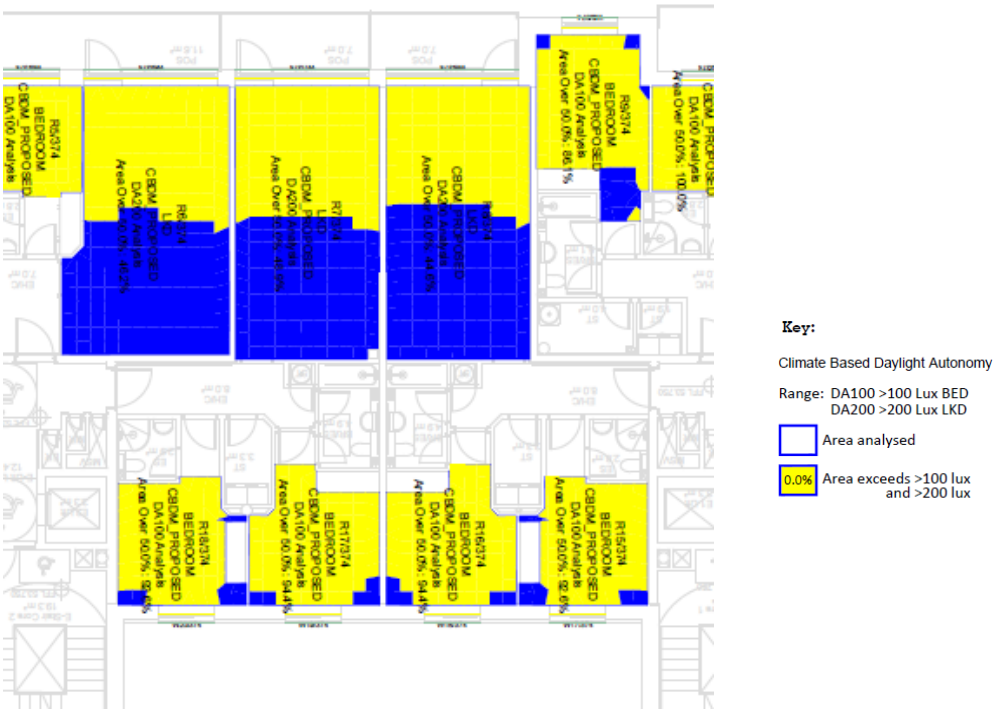


Figure 7 *- Climate Based Daylight Autonomy - % Area meeting 100 lux (bedrooms) or 200 lux (LKD's) in yellow*

Annual Probable Sunlight Hours (*Sunlight)*

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

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

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

9.60 Paragraph 3.1.6 of the BRE Guidelines states:

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

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

9.62 In the case of the Proposed Development, the principal boundaries of the Site are orientated south-east, south-west and north-west. The elevations facing south-east and south-west therefore, have the ability to enjoy good levels of sunlight in accordance with the BRE guidelines, whilst the north-west elevations are expected to receive lower levels of sunlight.

9.63 It is noted that this Site has previously been granted planning consent, yet the levels of sunlight to the proposed residential units had not been discussed in the consented report and so we are unable to directly refer back to any results.

9.64 However, the orientation of each of the blocks has not changed (see Figure 08 for the consented scheme and Figure 09 below for the Proposed Scheme), and therefore, it is likely that the percentages discussed below are comparable with the sunlight performance of what was previously consented.



Figure 8 *- Consented Scheme*



Figure 9 *- Proposed Scheme*

9.65 Technical analysis indicates that of the 1351 windows assessed (regardless of orientation), 560 windows (41%) will meet the recommended criteria for winter sunlight and 365 (27%) for total sunlight. And, if we were to consider just those windows which are orientated within 90 degrees of due south, then the APSH results show 67% of the windows will meet the BRE criteria for winter sunlight, and 47% of windows will meet the BRE criteria for total (annual) sunlight.

9.66 The results for the sunlight assessment illustrate that the available sunlight is greater in the winter months. This is due to the fact that the sun is lower in the sky throughout the winter months and therefore, is more easily able to reach the centre point of the target window in this type of development. A number of the proposed apartments benefit from balconies which partially restrict available sunlight when the sun is higher in the sky, as it is throughout the summer months.

9.67 In addition to the above, 101 of the south-facing windows that fall below the criteria for winter sunlight and 139 of the south-facing windows that fall below the criteria for total sunlight serve bedrooms. Bedrooms can be considered less sensitive to alterations in sunlight, as acknowledged in the BRE Guidelines at Paragraph 3.1.2 which states the following in relation to sunlight:

> *'It is viewed as less important in bedrooms and kitchens, where people prefer it in the morning rather than the afternoon'.*

9.68 The remaining 103 windows that fall below for winter sunlight and 225 widows that fall below for total sunlight and serve primary habitable living spaces such as LKD's, are generally located beneath overhanging balconies, both of which limit the quantum of available sunlight hours.

9.69 Paragraph 3.2.9 of the BRE guidelines acknowledges the role balconies can play:

> *'Balconies and overhangs above an existing window tend to block sunlight, especially in summer. Even a modest obstruction opposite may result in a large relative impact on the sunlight received.*

9.70 In consideration of the above, whilst there will be windows that fall below the recommended criteria for sunlight, these windows either serve less sensitive bedrooms; are influenced by their north/west/east orientation; and/or the presence of overhanging balconies, both of which restrict their access to available sunlight hours.

9.71 In our opinion and in consideration of the above, this represents an acceptable level of sunlight performance. Overall, the design of the proposals is therefore considered to ensure that acceptable levels of sunlight will be enjoyed for an urban area.

9.72 In addition, although some apartments do not achieve the BRE's target criteria, they benefit from balconies which provide additional amenity and overlook open spaces that are able to enjoy high levels of sunlight.

Overshadowing

Sun Hours on Ground to Private Balconies

9.73 The provision of a balcony is an additional beneficial amenity and the BRE guidelines recommend to purely focus on proposed communal amenity spaces, as in some schemes not all residents have access to a private balcony and therefore it is important to ensure that all residents have access to a well sunlit space. However, it is understood that although the BRE does not provide any specific guidance or requirement to assess overshadowing/sunlight amenity to balconies, the 'Sustainable Urban Housing: Design Standards for New Apartments, Guidelines for Planning Authorities' document dated March 20 produced by the Department of Housing, Planning and Local Government suggests that analysis is undertaken to determine if the balconies will achieve sunlight amenity. However, no guidance is provided in relation to how this test should be undertaken. However, AY have undertaken sun on ground assessments to each of the private balconies.

9.74 As was the case for the sunlight assessments, the availability of sunlight on the balconies is dependent on orientation, over which the architect is likely to have very limited control. We have however carried out the Sun Hours on Ground Overshadowing 21st March assessment to each of the proposed balconies/terraces and the analysis found that of the 290 balconies assessed (see plots located in Appendix VII), 244 balconies (**84%**) will comply with the recommended BRE guidelines for SHOG, achieving two or more hours of direct sunlight to at least 50% of their areas on 21st March .

9.75 This will increase to 279 balconies (**96%**) when assessed on the 21st of June.

9.76 The design of the proposals are therefore considered to ensure that acceptable levels of sunlight will be enjoyed to those balconies which sit within the sun's path.

Sun Hours on Ground to Communal Areas

9.77 The BRE Guidelines recommend that the availability of sunlight should be checked for all spaces where it will be requited. It states 'this will normally include, gardens, parks and playing fields, children's playgrounds, pools, sitting out areas such as those between building and in public squares and focal points.

9.78 The BRE Guidelines suggest that for a garden or amenity area to appear adequately sunlit throughout the year, at least half (50%) of the area should receive two or more hours of direct sunlight on 21st March.

9.79 The Vernal Equinox, 21st March date is chosen as it represents average annual conditions, therefore sunlight amenity within the amenity area is expected to increase after this point, to a maximum on the summer solstice (21st June).

9.80 Using specialist software, the path of the sun is tracked at one-minute intervals to establish where sunlight falls on the ground and where it is prevented from doing so as a result of surrounding obstructions.

9.81 The results of our assessments (as shown within the Figure 10 below) show that the proposed amenity areas will meet the BRE guidelines by achieving 2 hours of sun on ground to over 50% of the assessed area at **100%** (Communal Open Space),**75.86%** (Community Space), **100%** (Private Seating) and **100%** (Public Open Space) on 21st March respectively, thereby comfortably meeting the BRE target criteria.



***Figure 10** – Sun Hours of Ground Assessment Results*

9.82 Overall, these areas will provide future occupants with good levels of sunlight amenity.

Transient Overshadowing to Roof Terraces

9.83 Transient overshadowing analysis has been run on hourly intervals on the 21st of March to assess the instances and duration of shadow to the roof gardens located on Block A, F and G (illustrated in Figure 11 below). Full detailed results can be found at Appendix VII.

9.84 As illustrated in Figure 11, all roof garden areas are facing a southerly aspect with few obstructions. Based upon our assessment (Figure 12), it is clear that these areas will receive in excess of two hours of direct sunlight on the 21st March.

9.85 Therefore, no Sun Hours on Ground assessment is required as the areas will comfortably meet the BRE target criteria.

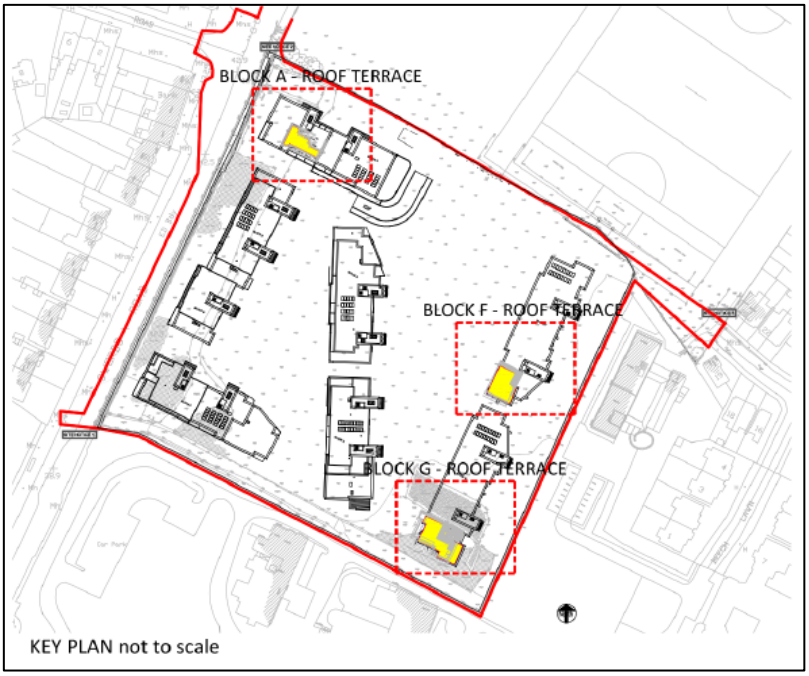


Figure 11 *– Roof Terrace Plan*



Figure 12 – Transient Overshadowing Assessment March 21st

Compensatory Design Measures

9.86 As set out within the BRE guidelines, daylight and sunlight availability are just one of many factors in site layout design and a balance between the various design factors often needs to be made. During the design stages, VSC façade assessments were carried out to advise whether good levels of daylight would be able to be achieved prior to running a set of full detailed assessments. As a result of these assessments, and in accordance with the Building Height Guidelines, AY have worked closely with the architects and extended design team to maximise the quantum of daylight potential within proposed units.

9.87 Architectural improvements have been made to improve daylight penetration which include:

- Increased head heights to windows;
- Increased window widths;
- Ensuring each unit has a balcony and ensuring good levels of sunlight where possible by amending the placement of balconies and the removal of columns/side panels from the balcony ;
- The addition of new windows where possible;
- Reductions in the depth of rooms.

9.88 The impact of these changes has resulted in improved daylight and sunlight throughout the Proposed Development, in particular to Blocks A, B and D.

9.89 In addition, further compensatory measures have been provided throughout the Proposed Development which enhance the attractiveness of the Development. These include:

- The inclusion of large areas of public open space (c. 6,165sqm) and communal open space (c. 3,280sqm) throughout the development and also large areas of internal communal space (c. 511sqm);
- 55.6% of all units are dual aspect which is far in excess of the 33% required for central accessible sites such as this;
- No single aspect north facing units;
- Higher levels of cycle parking provided within the site, along with cargo bike spaces which is far in excess of the 33% required for central accessible sites such as this;
- The averages size of a one bed unit is 51.9sqm (6.9sqm larger then apartment guidelines), a two bed is on average 82.8sqm (c.9.8sqm larger than the apartment guidelines) and a three bed is on average 104.9sqm (c.14.9sqm larger than the apartment guidelines); and
- The incorporation of a commercial retail space of c. 99sqm and a creche on site of c. 445.8sqm.

9.90 It is unrealistic in our opinion to achieve 100% compliance in a scheme of this scale and density. The design team have therefore sought to achieve an acceptable compromise between the need to maximise daylight levels and other important factors such as the provision of private amenity spaces (balconies), privacy, over-heating, density, and the provision of new housing.

9.91 In our view, with over 85% of spaces meeting the ADF criteria (full room depth: 2% target for LKD's and 1% for bedrooms); and 93% of spaces (full room depth) meeting at least 1.5% ADF for LKD's and 1% for bedrooms, the daylight performance of the development is acceptable for this type and scale of development.

10. Conclusion

Section 1 – Surrounding Daylight, Sunlight and Overshadowing Effects

10.1 The results of the technical analysis for the surrounding properties demonstrate that overall, **75%** windows assessed for VSC will strictly adhere to the BRE guidelines, **92%** of rooms assessed for NSL will meet the criteria and **83%** of windows orientated within 90 degrees of due south will meet the BRE criteria for winter sunlight, and **79%** of windows will meet the BRE criteria for total (annual) sunlight.

10.2 The following surrounding properties have been considered as part of our assessment:

Beechlawn Nursing Home;

Highfield Healthcare;

Highfield Healthcare Outpatients;

61 Swords Road;

63 Swords Road;

65 Swords Road;

67 Swords Road;

69 Swords Road;

71 Swords Road;

73 Swords Road;

75 Swords Road;

77 Swords Road;

79 Swords Road;

81 Swords Road;

83 Swords Road;

85-87 Swords Road and;

91 Swords Road;

10.3 Analysis found that nine properties would experience a VSC reduction below the BRE guidelines recommended target values (i.e. a reduction of greater than 20% its existing VSC value). These are the following properties, Beechlawn Nursing Home, Highfield Healthcare, Highfield Healthcare Outpatients, 65 Swords Road, 73 Swords Road, 75 Swords Road, 77 Swords Road, 79 Swords Road and 81 Swords Road.

10.4 With regard to the daylight distribution, four properties would experience reductions below the BRE guidelines recommended target values. These properties are, Beechlawn Nursing Home, Highfield Healthcare, 77 Swords Road and 79 Swords Road. The BRE guidelines suggest that a room should enjoy good levels of daylight distribution if 80% of the working plane is in front of the No-Sky Line (NSL). Although the reductions are beyond the BRE guidelines, the effects are isolated and could be considered acceptable with the increasing density of the area.

10.5 The sunlight (APSH) results show that six properties experience reductions below the BRE guidelines target values. These are, Beechlawn Nursing Home, Highfield Healthcare Outpatients, 65 Swords Road, 77 Swords Road, 79 Swords Road, 81 Swords Road. The properties will either retain a reasonable amount of sunlight or are lit below the recommended target criteria in the existing condition causing disproportionate percentage reductions. Due to the high level of compliance for sunlight overall, the reductions could be considered acceptable with the increasing density of the area.

10.6 Whilst an isolated number of windows/rooms within some of the neighbouring properties will experience technical breaches of the recommended guidance which may be perceptible, such alterations are not unusual when developing in denser urban areas such as Dublin; particularly when developing on a cleared vacant Site.

10.7 In consideration of the following factors, impacts to windows and rooms that are likely to be non-habitable or commercial, rooms retaining good levels of light, impacts to a small number of windows, comparable results with the consented scheme and the flexibility afforded by the BRE Guidelines, AY are of the opinion that the alterations and retained levels of light are acceptable in terms of the impact on neighbouring daylight and sunlight.

10.8 The overshadowing results show that with the Proposed Development in place, the residential gardens surrounding the Site should continue to enjoy good levels of direct sunlight, in accordance with the BRE guidelines.

10.9 As part of this report, a review of the consented scheme has been undertaken and we conclude that the daylight and sunlight results are comparable with the results of the proposed scheme.

Section 2 – Internal Daylight, Sunlight and Overshadowing Levels

10.10 All floors within the proposed scheme have been assessed (including ground and first floor for all blocks apart from Block A, where residential accommodation starts at first floor level), and in our opinion the daylight levels are acceptable in the context of the Proposed Development.

10.11 The results across all of the blocks show that approximately **85%** of all of the proposed habitable rooms will enjoy good levels of daylight when using the target criteria of 2% for a Living/Kitchen/Dining room.

10.12 This increases to **93%** if considering the alternative target criteria of 1.5% for a Living/Kitchen/Dining room (full rooms depth).

10.13 In addition, the NSL results show that approximately **85%** of all rooms should enjoy a good level of daylight distribution in accordance with the BRE guidelines and a further 12% (97% of all rooms) of the rooms will enjoy a daylight distribution that is considered to be a good level of daylight distribution for an urban area (more than 50% of the rooms area).

10.14 In our opinion, this is considered an acceptable level of daylight compliance for a proposed scheme of this size and increasing density. We also note that the retained levels of daylight compliance appear to be consistent with the consented Scheme.

10.15 The APSH results show **67%** of windows orientated within 90 degrees of due south will meet the BRE criteria for winter sunlight, and **47%** of windows will meet the BRE criteria for total (annual) sunlight.

10.16 If north facing windows, which have a low expectation for sunlight are included, then 41% of windows will meet the BRE criteria for winter sunlight and 27% of windows will meet the BRE criteria for total sunlight.

10.17 The Sun Hours on Ground ("SHOG") analysis to balconies indicates that high levels of sunlight amenity will be available to inhabitants, with **84%** meeting the March test and **96%** meeting the June test. We also note that the majority of units will overlook shared amenity space that achieve high levels of sunlight amenity with 100% of communal Open Space, **75.86%** Community Space, **100%** Private Seating and **100%** Public Open Space meeting the BRE criteria for SHOG on 21st March.

10.18 The site is zoned for development and is ideally suited to accommodate density and scale in development. When balanced against wider planning objectives to secure urban regeneration of this site, it is our professional view that the daylight and sunlight results are acceptable.

Hartfield Place, Dublin
Daylight, Sunlight Report Appendices

Reference: 02C102379

Date: April 2022

AVISON YOUNG

Appendix I

Daylight & Sunlight Principles

Daylight & Sunlight Principles

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

The Introduction of the Guidelines states:

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

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

Daylighting

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

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

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

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

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

For VSC, the Guidelines states that:

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

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

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

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

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

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

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

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

Sunlighting

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

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

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

The recommendation for sunlight is:

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

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

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

Appendix II

Existing & Proposed Scheme Drawings and Contour Plots



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
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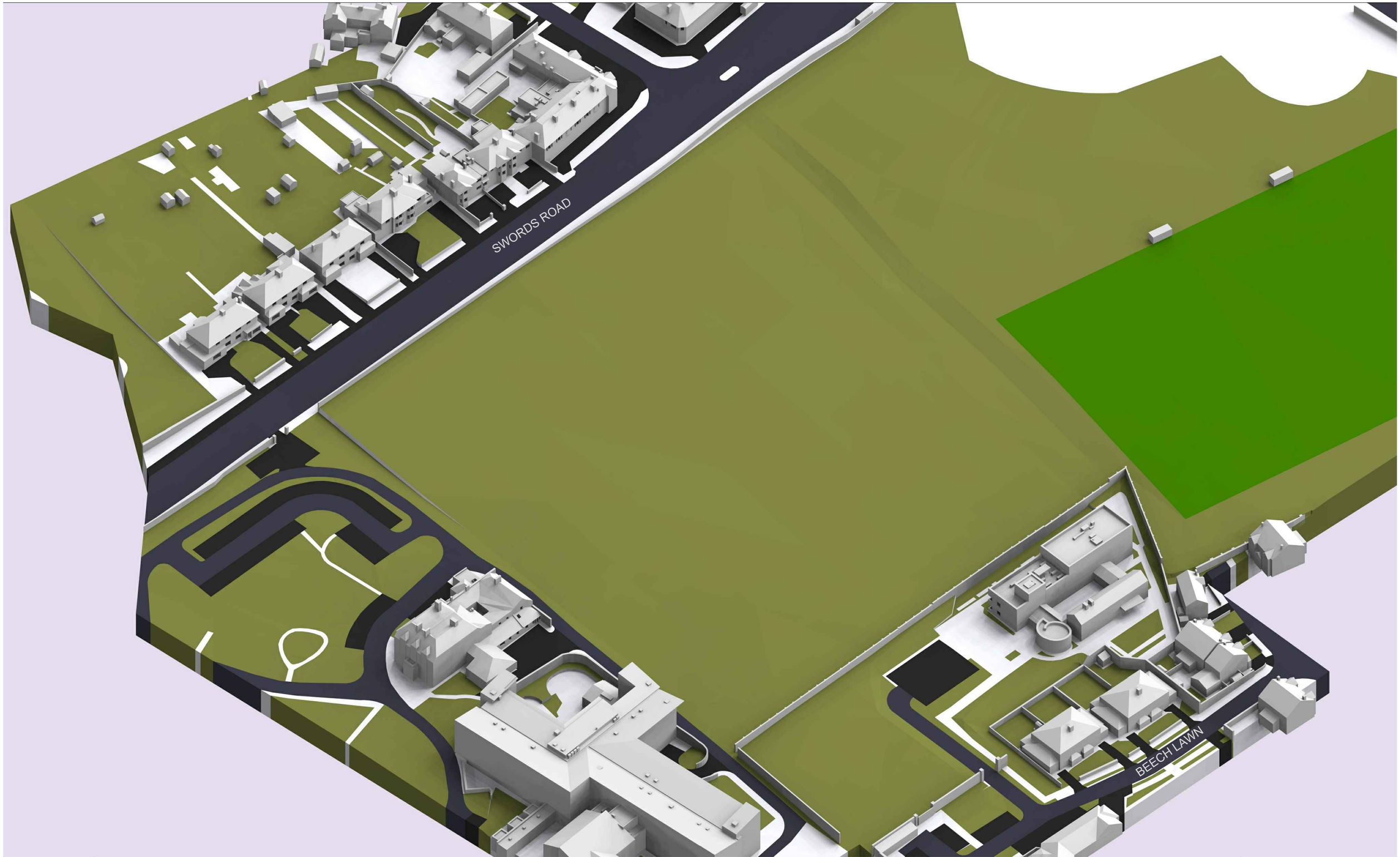
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Project No.	Drawing No.	Revision
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Drawing Title
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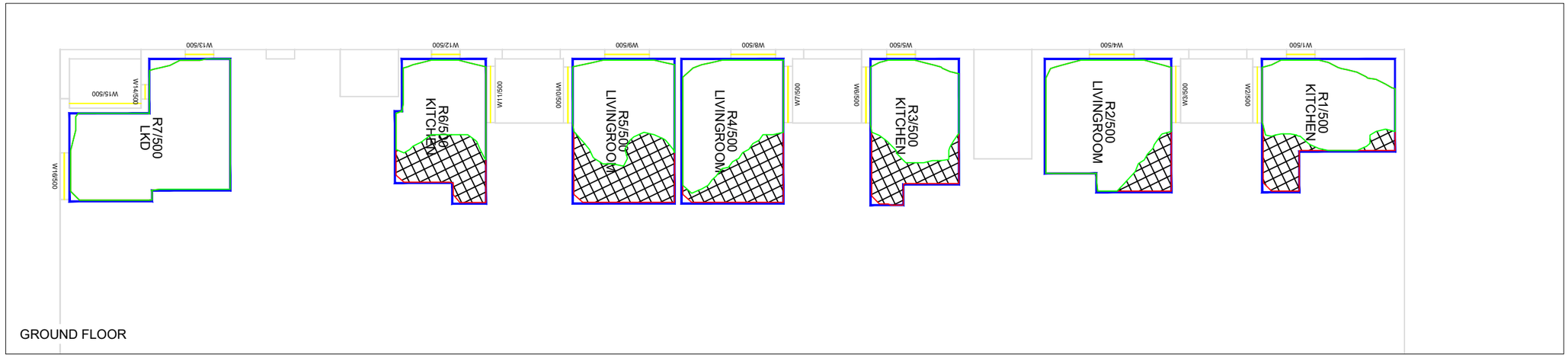
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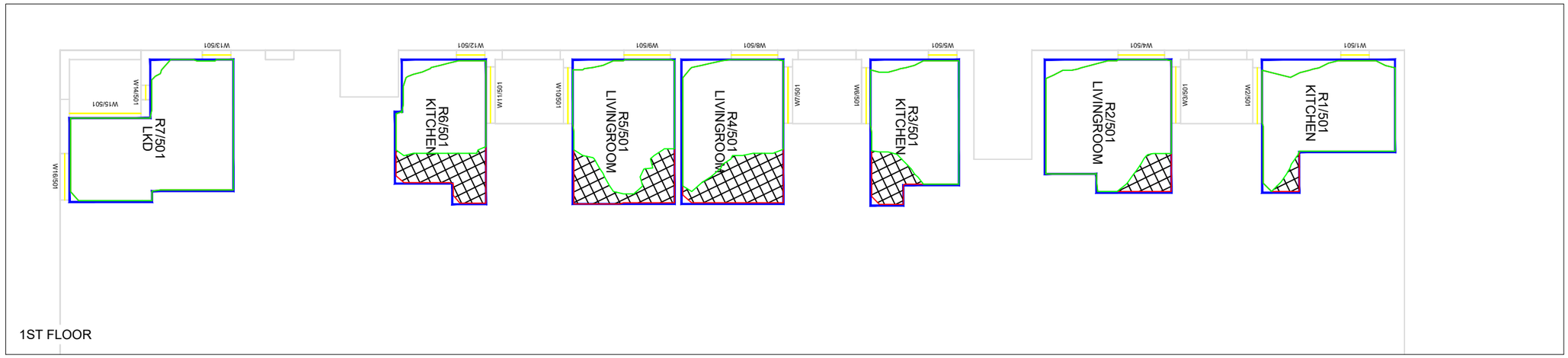
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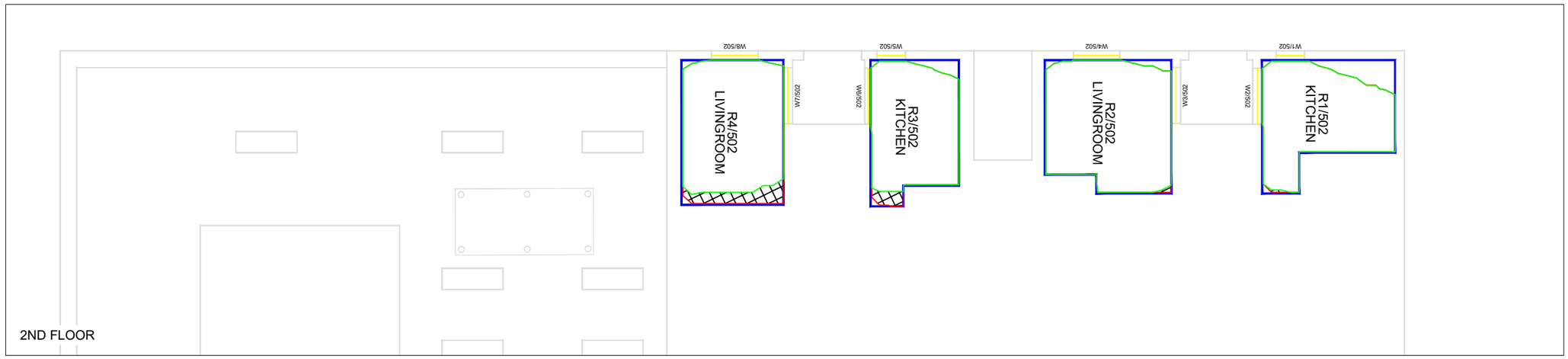
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GROUND FLOOR

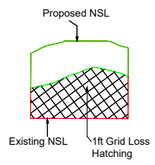


1ST FLOOR



2ND FLOOR

Key:



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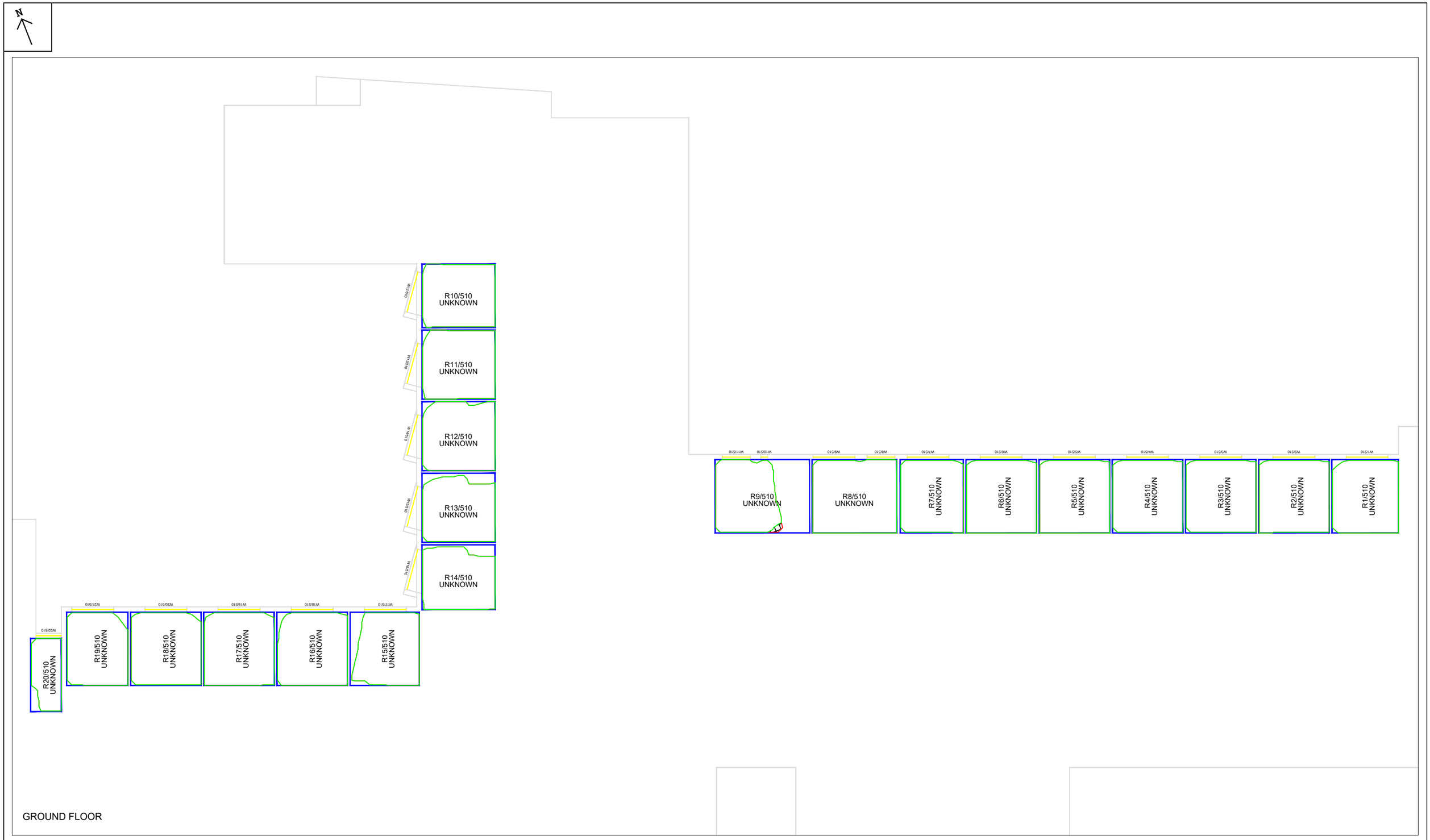
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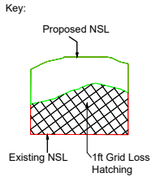
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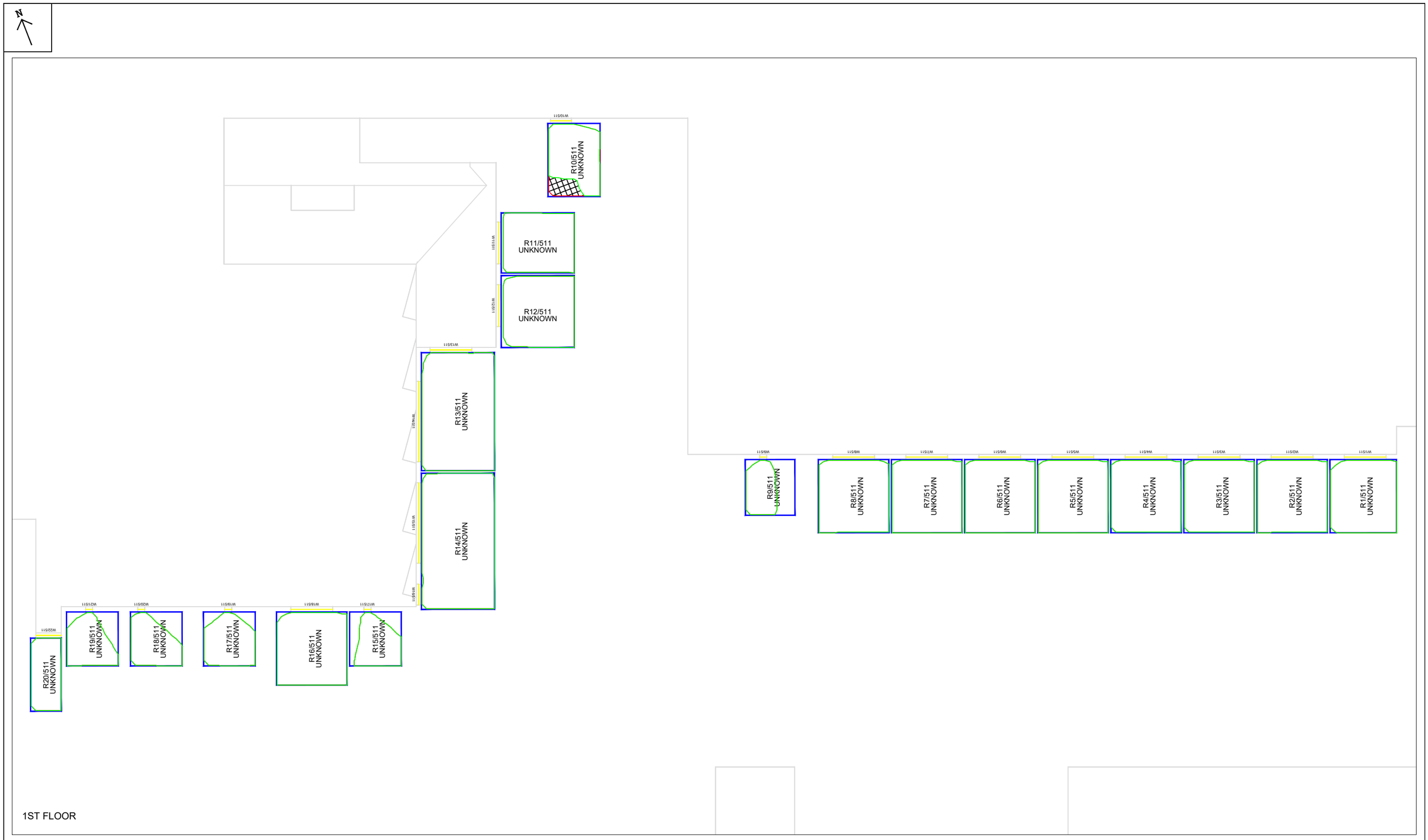
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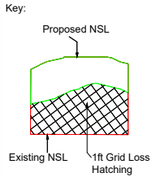
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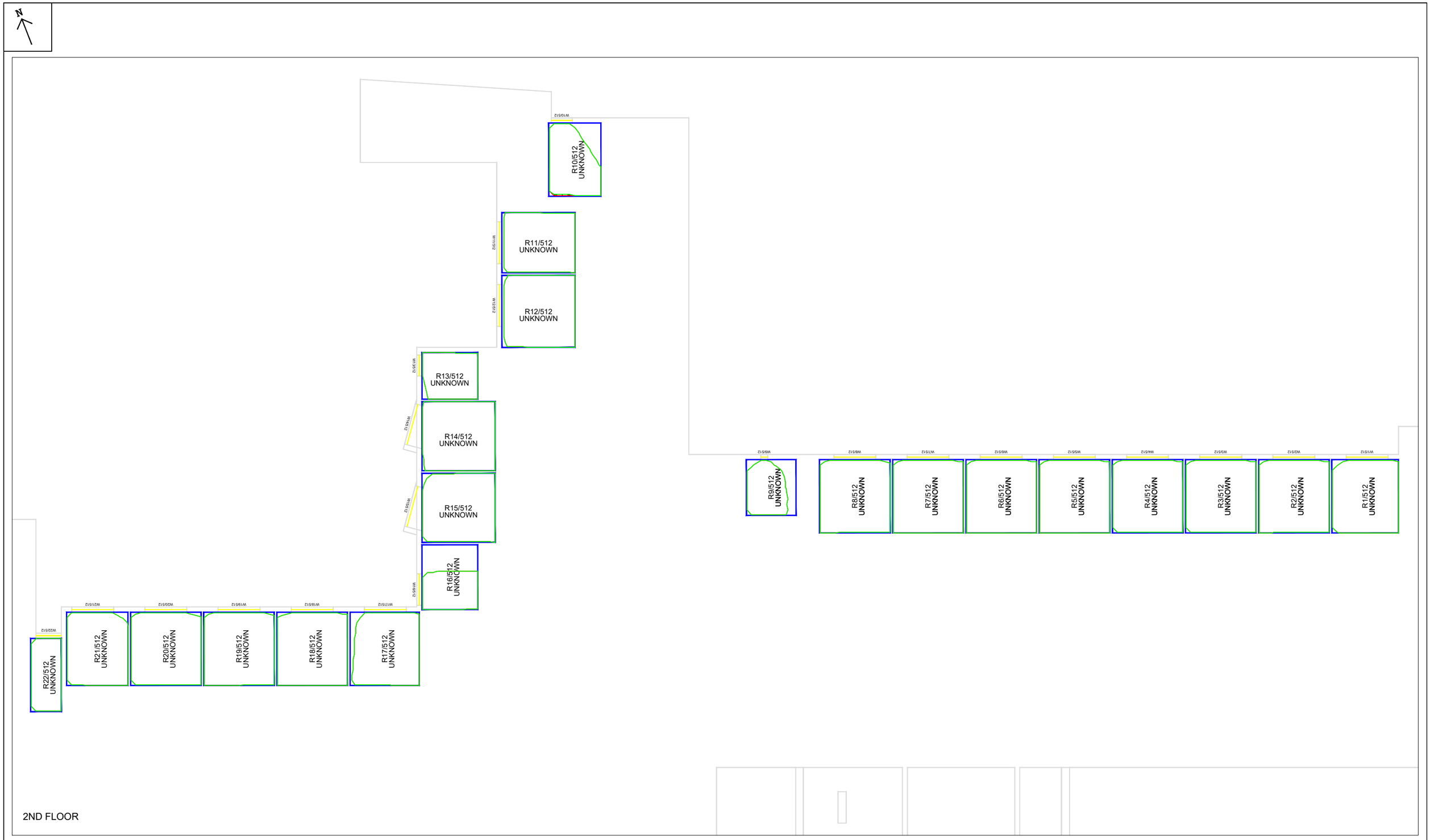
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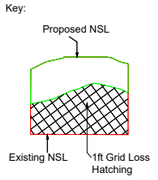
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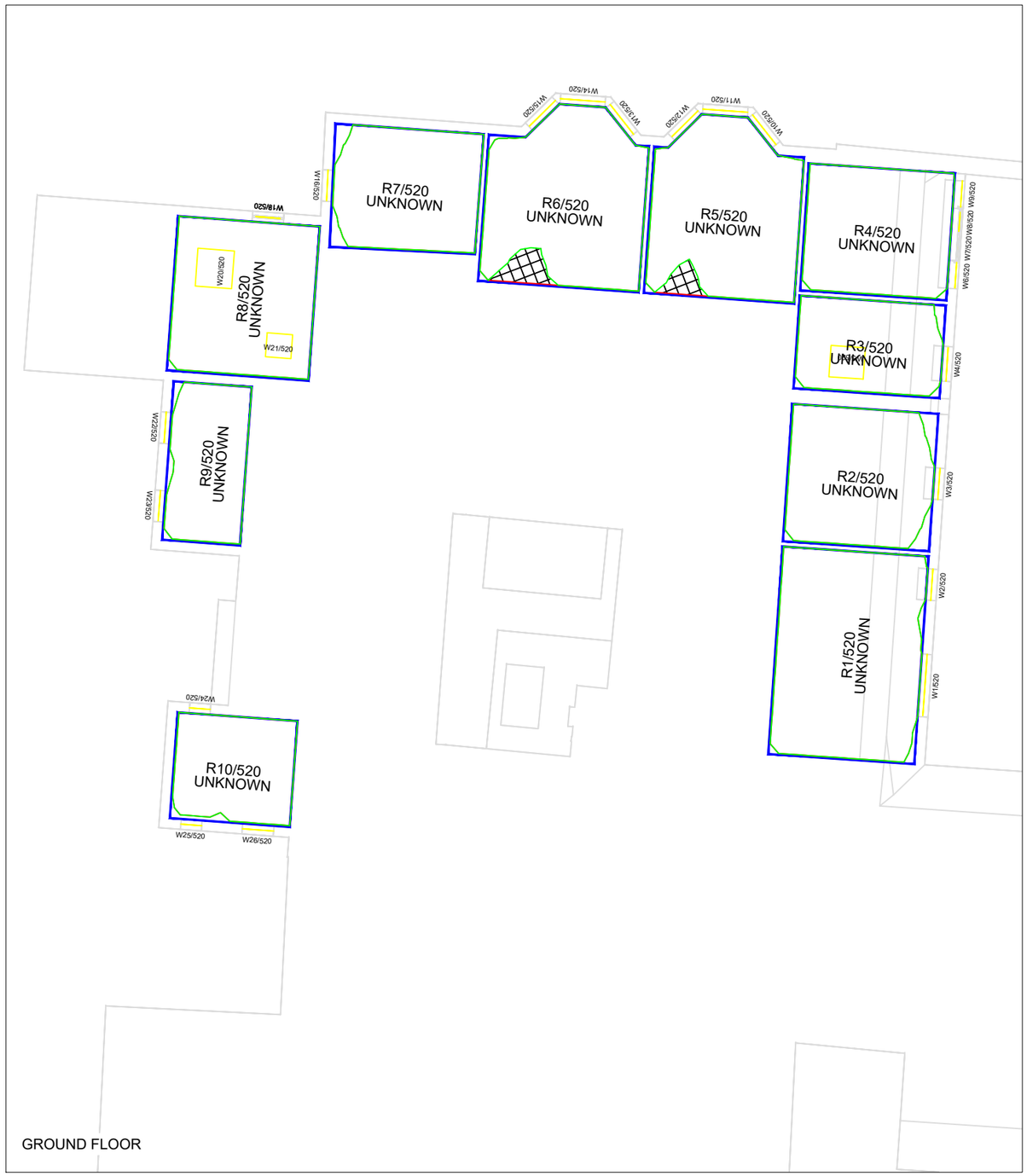
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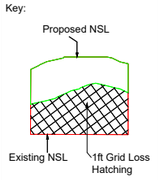
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Project Name
Hartfield Place, Dublin

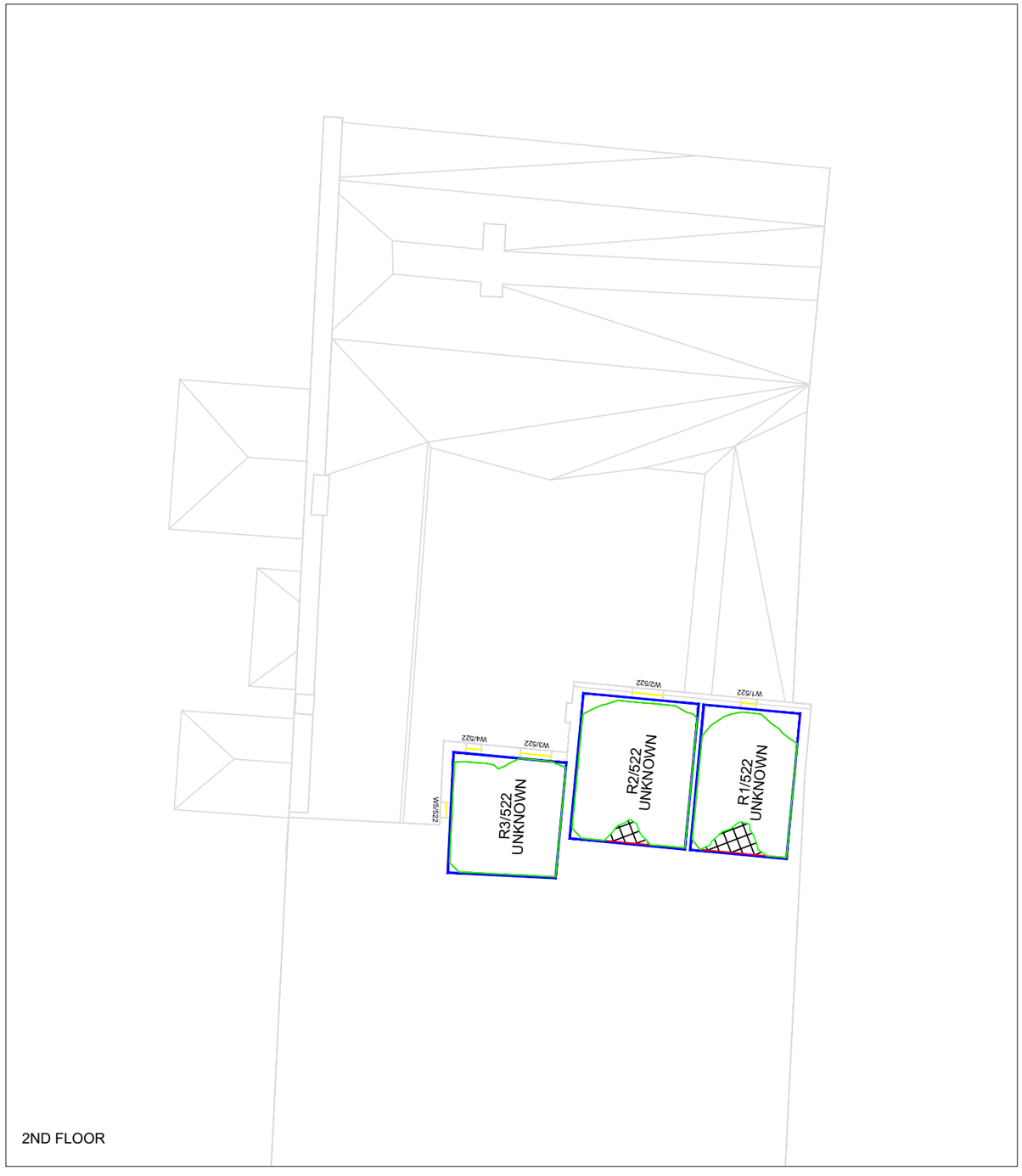
Drawing Title
NO SKYLINE CONTOURS CONTOURS
HIGHFIELD HEALTHCARE OUTPATIENTS

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

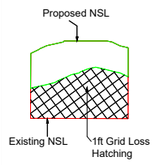
Project No.	Drawing No.	Revision
HA163_11	BRE_09	-

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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

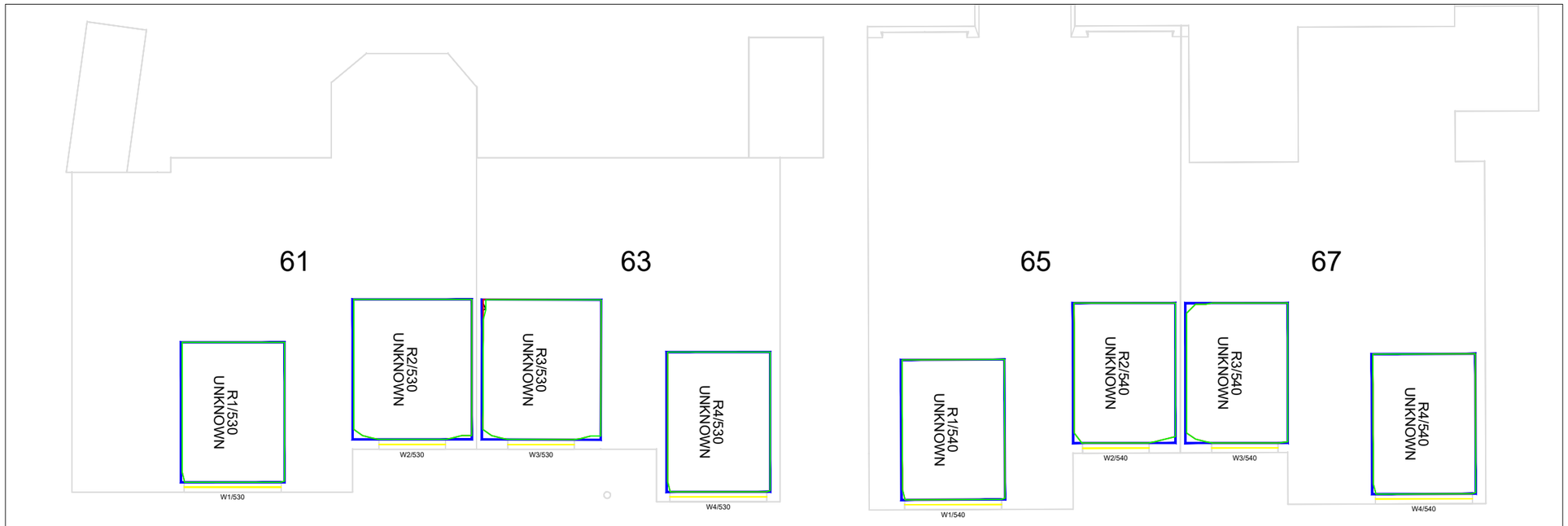
Drawing Title
NO SKYLINE CONTOURS CONTOURS
HIGHFIELD HEALTHCARE OUTPATIENTS

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

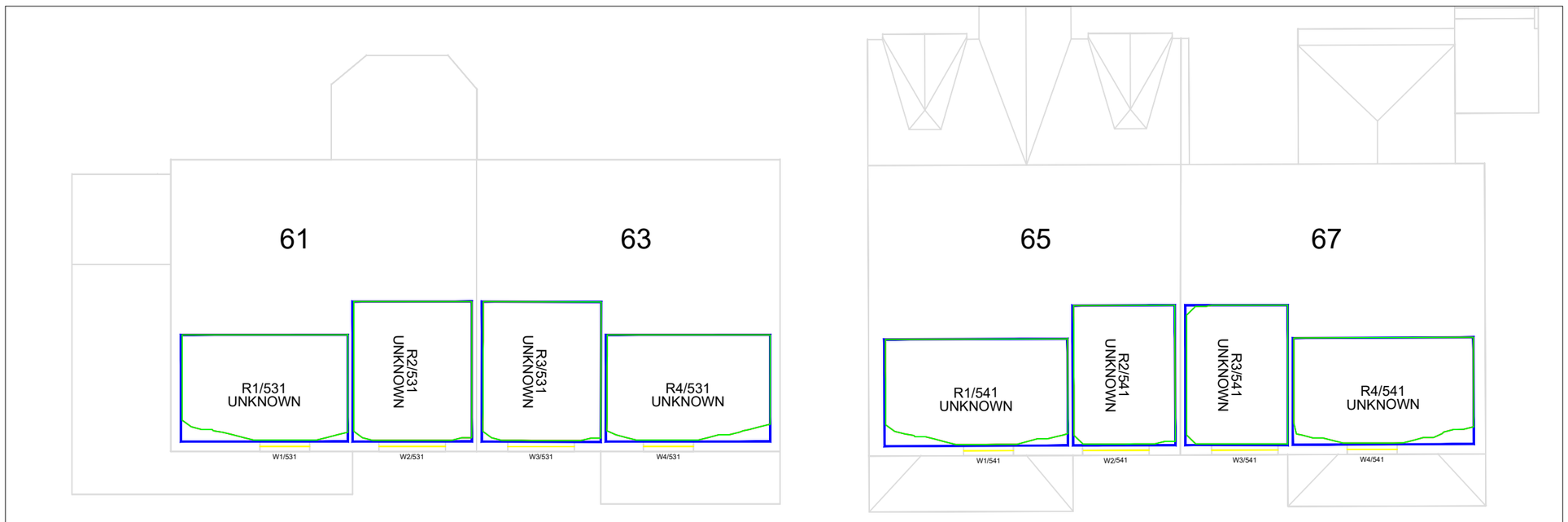
Project No.	Drawing No.	Revision
HA163_11	BRE_10	-

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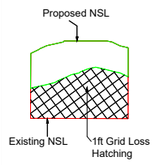


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

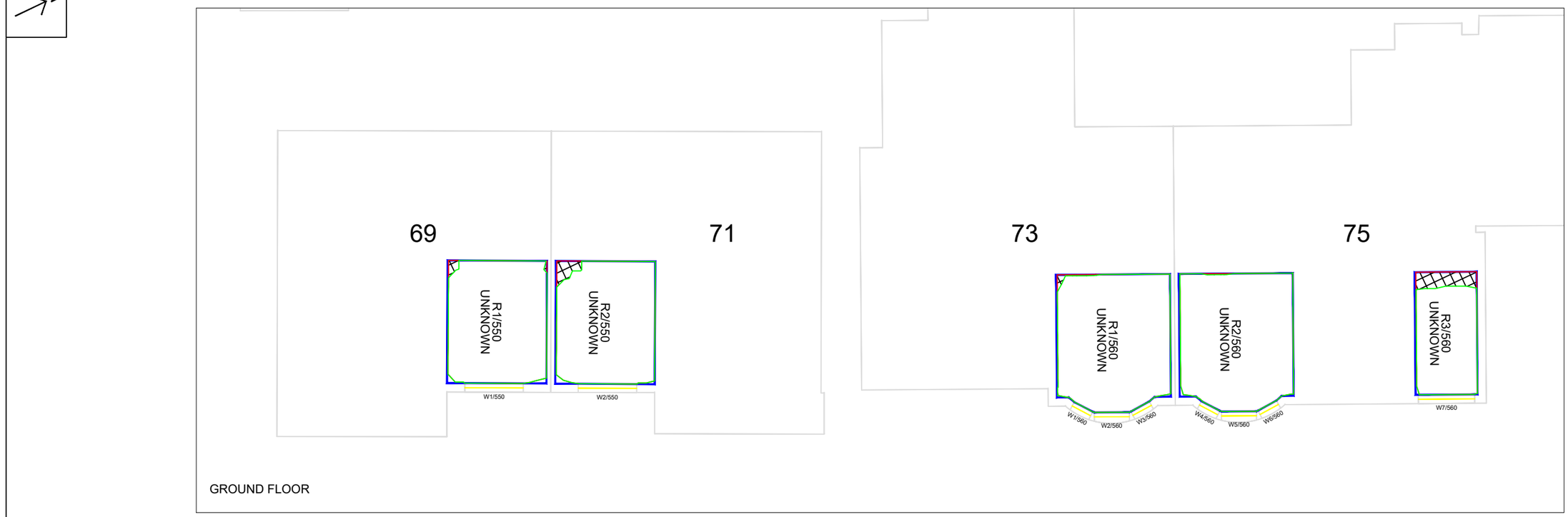
Drawing Title
NO SKYLINE CONTOURS CONTOURS
61-67 SWORDS ROAD

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_11	BRE_11	-

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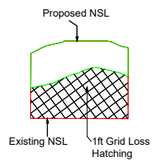


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS CONTOURS
69-75 SWORDS ROAD

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_11	BRE_12	-

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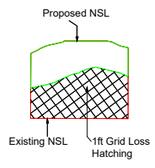


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS CONTOURS
77-87 SWORDS ROAD

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_11	BRE_13	-

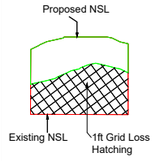
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1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS CONTOURS
91 SWORDS ROAD

Drawn By	Scale @ A3	Date
CC	1/100	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_11	BRE_13	-

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Appendix III

Existing & Proposed Neighbours Results (VSC, NSL, APSH)

AVISON YOUNG

HARTFIELD PLACE DUBLIN
21-Feb-22
JOB 11 - DAYLIGHT RESULTS

			%VSC			% Daylight Factor			Daylight Distribution					
Room/Floor	Room Use	Window	Exist	Prop	% Loss	Exist	Prop	% Loss	Room Area sq ft	Existing Area sq ft	Existing % of Room Area	Proposed Area sq ft	Proposed % of Room Area	% Loss of Existing
Beechlawn Nursing Home - BRE_05														
Gnd Floor														
R1/500	KITCHEN	W1/500	35.00	23.27	33.51%	1.54	0.83	46.22%	153.3	136.7	89.17%	106.9	69.73%	21.80%
		W2/500	3.55	0.97	72.68%									
R2/500	LIVINGROOM	W3/500	3.67	2.29	37.60%	2.05	1.53	25.10%	176	168.7	95.85%	149.4	84.89%	11.44%
		W4/500	34.87	22.65	35.04%									
R3/500	KITCHEN	W5/500	34.46	22.21	35.55%	1.74	0.96	44.85%	130.4	123.4	94.63%	86.5	66.33%	29.90%
		W6/500	3.28	1.02	68.90%									
R4/500	LIVINGROOM	W7/500	3.61	1.42	60.66%	2.14	1.45	32.21%	163.1	155.6	95.40%	111	68.06%	28.66%
		W8/500	34.24	22.02	35.69%									
R5/500	LIVINGROOM	W9/500	34.08	21.92	35.68%	2.14	1.30	39.22%	163.1	157.4	96.51%	96.4	59.10%	38.75%
		W10/500	3.39	1.22	64.01%									
R6/500	KITCHEN	W11/500	3.54	1.01	71.47%	1.73	0.99	42.96%	128.7	122	94.79%	74.2	57.65%	39.18%
		W12/500	33.89	21.92	35.32%									
R7/500	LKD	W13/500	33.75	22.18	34.28%	2.21	1.88	15.14%	196.2	188.1	95.87%	188.1	95.87%	0.00%
		W14/500	4.47	1.66	62.86%									
		W15/500	14.56	5.46	62.50%									
		W16/500	37.41	34.16	>27									
1st Floor														
R1/501	KITCHEN	W1/501	39.00	26.64	31.69%	1.79	1.06	40.45%	153.3	139.5	91.00%	134.1	87.48%	3.87%
		W2/501	4.58	1.56	65.94%									
R2/501	LIVINGROOM	W3/501	4.66	3.14	32.62%	3.13	2.31	26.29%	176	167	94.89%	151.5	86.08%	9.28%
		W4/501	38.94	25.46	34.62%									
R3/501	KITCHEN	W5/501	38.98	25.26	35.20%	2.05	1.22	40.61%	130.4	122.3	93.79%	101.9	78.14%	16.68%
		W6/501	4.60	1.67	63.70%									
R4/501	LIVINGROOM	W7/501	4.60	1.84	60.00%	3.35	2.22	33.92%	163.1	156.5	95.95%	114.9	70.45%	26.58%
		W8/501	38.92	24.57	36.87%									
R5/501	LIVINGROOM	W9/501	38.92	24.55	36.92%	3.36	2.15	35.90%	163.1	157.9	96.81%	120.5	73.88%	23.69%
		W10/501	4.57	1.78	61.05%									
R6/501	KITCHEN	W11/501	4.64	1.63	64.87%	2.06	1.24	39.49%	128.7	119.1	92.54%	82.7	64.26%	30.56%
		W12/501	38.95	24.80	36.33%									
R7/501	LKD	W13/501	38.94	24.98	35.85%	3.73	2.52	32.43%	196.5	189.5	96.44%	189.5	96.44%	0.00%
		W14/501	5.76	2.14	62.85%									
		W15/501	15.84	5.05	68.12%									
		W16/501	38.76	35.49	>27									
2nd Floor														
R1/502	KITCHEN	W1/502	39.33	29.23	>27	1.85	1.32	28.39%	153.3	132.7	86.56%	132.2	86.24%	0.38%
		W2/502	4.84	2.43	49.79%									
R2/502	LIVINGROOM	W3/502	4.98	3.74	24.90%	3.21	2.53	21.20%	176	169.3	96.19%	168.7	95.85%	0.35%
		W4/502	39.28	28.24	>27									
R3/502	KITCHEN	W5/502	39.31	28.29	>27	2.15	1.53	29.00%	130.4	122.1	93.63%	117.3	89.95%	3.93%
		W6/502	4.82	2.51	47.93%									
R4/502	LIVINGROOM	W7/502	4.76	2.77	41.81%	3.40	2.54	25.20%	163.1	157.7	96.69%	143.1	87.74%	9.26%
		W8/502	39.26	27.68	>27									
Highfield Healthcare - BRE_06-08														
Gnd Floor														
R1/510	UNKNOWN	W1/510	31.34	29.47	>27	2.39	2.27	4.82%	172.9	166.9	96.53%	166.9	96.53%	0.00%
R2/510	UNKNOWN	W2/510	35.31	33.24	>27	2.56	2.43	5.16%	183.1	177.6	97.00%	177.6	97.00%	0.00%
R3/510	UNKNOWN	W3/510	35.65	33.35	>27	2.56	2.42	5.70%	183.1	176.9	96.61%	176.9	96.61%	0.00%
R4/510	UNKNOWN	W4/510	35.42	32.98	>27	2.55	2.39	6.05%	183.1	176.9	96.61%	176.9	96.61%	0.00%
R5/510	UNKNOWN	W5/510	34.90	32.41	>27	2.51	2.36	6.17%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R6/510	UNKNOWN	W6/510	34.04	31.48	>27	2.46	2.30	6.34%	183.1	178.8	97.65%	178.8	97.65%	0.00%
R7/510	UNKNOWN	W7/510	32.47	30.06	>27	2.56	2.40	5.95%	163.9	158.2	96.52%	158.2	96.52%	0.00%
R8/510	UNKNOWN	W8/510	30.14	27.99	>27	3.59	3.39	5.49%	219.3	215.7	98.36%	215.7	98.36%	0.00%
		W9/510	28.42	26.42	7.04%									
R9/510	UNKNOWN	W10/510	23.43	22.12	5.59%	1.42	1.37	3.17%	245.3	154.3	62.90%	152	61.96%	1.49%
		W11/510	20.83	19.88	4.56%									
R10/510	UNKNOWN	W12/510	23.74	23.74	0.00%	2.03	2.03	0.00%	165	159.5	96.67%	159.5	96.67%	0.00%
R11/510	UNKNOWN	W13/510	28.63	27.81	>27	2.16	2.12	2.22%	178.8	172.6	96.53%	172.6	96.53%	0.00%
R12/510	UNKNOWN	W14/510	27.71	26.42	4.66%	2.14	2.06	3.46%	178.8	172.3	96.36%	172.3	96.36%	0.00%
R13/510	UNKNOWN	W15/510	24.90	23.55	5.42%	2.01	1.93	3.89%	178.8	156.7	87.64%	156.7	87.64%	0.00%
R14/510	UNKNOWN	W16/510	20.56	19.27	6.27%	1.87	1.79	4.23%	167.9	150.9	89.87%	150.9	89.87%	0.00%
R15/510	UNKNOWN	W17/510	18.10	16.64	8.07%	1.65	1.56	5.28%	179.7	156	86.81%	156	86.81%	0.00%

AVISON YOUNG

			%VSC			% Daylight Factor			Daylight Distribution					
Room/Floor	Room Use	Window	Exist	Prop	% Loss	Exist	Prop	% Loss	Room Area sq ft	Existing Area sq ft	Existing % of Room Area	Proposed Area sq ft	Proposed % of Room Area	% Loss of Existing
R16/510	UNKNOWN	W18/510	23.93	22.23	7.10%	1.92	1.83	4.99%	183.1	175.4	95.79%	175.4	95.79%	0.00%
R17/510	UNKNOWN	W19/510	27.54	25.55	7.23%	2.11	2.00	5.40%	183.1	177.7	97.05%	177.7	97.05%	0.00%
R18/510	UNKNOWN	W20/510	28.76	26.43	8.10%	2.18	2.04	6.11%	183.1	175.3	95.74%	175.3	95.74%	0.00%
R19/510	UNKNOWN	W21/510	25.10	22.55	10.16%	2.19	2.04	7.25%	159.4	151	94.73%	151	94.73%	0.00%
R20/510	UNKNOWN	W22/510	9.95	8.92	10.35%	1.52	1.44	5.47%	79.5	70.8	89.06%	70.8	89.06%	0.00%
1st Floor														
R1/511	UNKNOWN	W1/511	33.27	31.17	>27	2.52	2.39	5.28%	172.9	166.9	96.53%	166.9	96.53%	0.00%
R2/511	UNKNOWN	W2/511	37.23	35.01	>27	2.71	2.56	5.53%	183.1	177.6	97.00%	177.6	97.00%	0.00%
R3/511	UNKNOWN	W3/511	37.45	35.11	>27	2.71	2.55	5.86%	183.1	176.9	96.61%	176.9	96.61%	0.00%
R4/511	UNKNOWN	W4/511	37.22	34.80	>27	2.70	2.53	6.01%	183.1	176.9	96.61%	176.9	96.61%	0.00%
R5/511	UNKNOWN	W5/511	36.81	34.33	>27	2.67	2.50	6.11%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R6/511	UNKNOWN	W6/511	36.03	33.60	>27	2.62	2.46	5.96%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R7/511	UNKNOWN	W7/511	34.67	32.36	>27	2.53	2.39	5.62%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R8/511	UNKNOWN	W8/511	32.02	29.95	>27	2.37	2.25	5.03%	183.1	177.5	96.94%	177.5	96.94%	0.00%
R9/511	UNKNOWN	W9/511	25.16	23.89	5.05%	0.41	0.39	4.68%	98.2	54	54.99%	54	54.99%	0.00%
R10/511	UNKNOWN	W10/511	30.33	21.23	30.00%	1.34	1.03	23.00%	135.6	127.6	94.10%	108.3	79.87%	15.13%
R11/511	UNKNOWN	W11/511	24.27	23.97	1.24%	1.54	1.52	0.85%	156	149.2	95.64%	149.2	95.64%	0.00%
R12/511	UNKNOWN	W12/511	22.45	21.64	3.61%	1.31	1.27	2.45%	186.5	177.3	95.07%	177.3	95.07%	0.00%
R13/511	UNKNOWN	W13/511	16.16	14.44	10.64%	3.91	3.73	4.63%	306.4	301	98.24%	301	98.24%	0.00%
		W14/511	29.47	28.07	>27									
R14/511	UNKNOWN	W15/511	22.91	21.77	4.98%	2.62	2.53	3.44%	353.5	346.7	98.08%	346.7	98.08%	0.00%
		W16/511	15.32	14.32	6.53%									
R15/511	UNKNOWN	W17/511	21.19	19.66	7.22%	0.36	0.34	4.74%	99.3	69.1	69.59%	69.1	69.59%	0.00%
R16/511	UNKNOWN	W18/511	26.65	24.90	6.57%	2.09	1.99	4.79%	183.1	177.8	97.11%	177.8	97.11%	0.00%
R17/511	UNKNOWN	W19/511	30.87	28.61	>27	0.46	0.43	5.88%	99.3	83.1	83.69%	83.1	83.69%	0.00%
R18/511	UNKNOWN	W20/511	30.72	28.06	>27	0.47	0.43	7.68%	99.3	74.8	75.33%	74.8	75.33%	0.00%
R19/511	UNKNOWN	W21/511	26.79	24.03	10.30%	0.46	0.42	8.53%	99.3	72.3	72.81%	72.3	72.81%	0.00%
R20/511	UNKNOWN	W22/511	10.17	9.05	11.01%	1.53	1.44	5.62%	79.5	76.3	95.97%	76.3	95.97%	0.00%
2nd Floor														
R1/512	UNKNOWN	W1/512	32.22	30.50	>27	2.51	2.40	4.34%	172.9	166.9	96.53%	166.9	96.53%	0.00%
R2/512	UNKNOWN	W2/512	35.76	33.95	>27	2.69	2.57	4.53%	183.1	177.6	97.00%	177.6	97.00%	0.00%
R3/512	UNKNOWN	W3/512	35.93	34.01	>27	2.70	2.57	4.86%	183.1	176.9	96.61%	176.9	96.61%	0.00%
R4/512	UNKNOWN	W4/512	35.81	33.82	>27	2.69	2.55	4.95%	183.1	176.9	96.61%	176.9	96.61%	0.00%
R5/512	UNKNOWN	W5/512	35.59	33.57	>27	2.67	2.54	5.01%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R6/512	UNKNOWN	W6/512	35.16	33.21	>27	2.64	2.52	4.80%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R7/512	UNKNOWN	W7/512	34.39	32.58	>27	2.59	2.48	4.44%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R8/512	UNKNOWN	W8/512	32.69	31.11	>27	2.49	2.39	3.82%	183.1	177.6	97.00%	177.6	97.00%	0.00%
R9/512	UNKNOWN	W9/512	26.36	25.45	3.45%	0.43	0.42	3.26%	98.2	68.6	69.86%	68.6	69.86%	0.00%
R10/512	UNKNOWN	W10/512	23.20	18.14	21.81%	1.12	0.95	14.92%	135.6	108.7	80.16%	107.8	79.50%	0.83%
R11/512	UNKNOWN	W11/512	25.81	25.55	1.01%	1.97	1.96	0.66%	156	149.2	95.64%	149.2	95.64%	0.00%
R12/512	UNKNOWN	W12/512	22.62	21.95	2.96%	1.60	1.57	1.94%	186.5	179.9	96.46%	179.9	96.46%	0.00%
R13/512	UNKNOWN	W13/512	32.61	31.23	>27	1.90	1.84	3.11%	92	88	95.65%	88	95.65%	0.00%
R14/512	UNKNOWN	W14/512	33.00	31.38	>27	2.50	2.40	4.08%	178.8	176.3	98.60%	176.3	98.60%	0.00%
R15/512	UNKNOWN	W15/512	30.01	28.60	>27	2.32	2.24	3.62%	178.8	172.4	96.42%	172.4	96.42%	0.00%
R16/512	UNKNOWN	W16/512	14.91	13.97	6.30%	1.42	1.37	3.86%	127.9	73.7	57.62%	73.7	57.62%	0.00%
R17/512	UNKNOWN	W17/512	18.50	17.05	7.84%	1.71	1.63	5.02%	179.7	164.7	91.65%	164.7	91.65%	0.00%
R18/512	UNKNOWN	W18/512	28.41	26.57	6.48%	2.23	2.12	4.84%	183.1	178.5	97.49%	178.5	97.49%	0.00%
R19/512	UNKNOWN	W19/512	31.48	29.36	>27	2.41	2.28	5.31%	183.1	178	97.21%	178	97.21%	0.00%
R20/512	UNKNOWN	W20/512	31.70	29.27	>27	2.42	2.27	6.00%	183.1	176.2	96.23%	176.2	96.23%	0.00%
R21/512	UNKNOWN	W21/512	26.99	24.64	8.71%	2.36	2.21	6.23%	159.4	152.7	95.80%	152.7	95.80%	0.00%
R22/512	UNKNOWN	W22/512	9.02	8.13	9.87%	1.40	1.33	5.20%	79.5	76.3	95.97%	76.3	95.97%	0.00%
Highfield Healthcare Outpatients - BRE_09-10														
Gnd Floor														
R1/520	UNKNOWN	W1/520	32.99	31.06	>27	1.23	1.17	4.56%	269.7	261.7	97.03%	261.7	97.03%	0.00%
		W2/520	33.93	31.74	>27									
R2/520	UNKNOWN	W3/520	34.51	32.16	>27	0.62	0.59	4.86%	178.5	166	93.00%	166	93.00%	0.00%
R3/520	UNKNOWN	W4/520	34.60	32.30	>27	2.20	2.13	3.22%	120.5	114.2	94.77%	114.2	94.77%	0.00%
		W5/520	73.74	71.18	>27									
R4/520	UNKNOWN	W6/520	32.70	31.39	>27	1.99	1.97	1.26%	165	160.9	97.52%	160.9	97.52%	0.00%
		W7/520	29.82	29.13	>27									
		W8/520	26.41	26.29	0.45%									
		W9/520	21.60	21.60	0.00%									
R5/520	UNKNOWN	W10/520	35.14	25.09	28.60%	2.92	2.21	24.07%	219.7	215.4	98.04%	207	94.22%	3.90%
		W11/520	38.87	25.87	33.44%									
		W12/520	31.83	23.44	26.36%									
R6/520	UNKNOWN	W13/520	32.47	22.31	31.29%	2.77	2.10	24.23%	233.3	228.4	97.90%	215.8	92.50%	5.52%
		W14/520	38.86	25.71	33.84%									
		W15/520	33.93	25.52	24.79%									
R7/520	UNKNOWN	W16/520	28.95	25.77	10.98%	0.80	0.75	6.64%	158.3	149.5	94.44%	149.5	94.44%	0.00%

AVISON YOUNG

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Daylight Distribution					
			Exist	Prop	% Loss	Exist	Prop	% Loss	Room Area sq ft	Existing Area sq ft	Existing % of Room Area	Proposed Area sq ft	Proposed % of Room Area	% Loss of Existing
R8/520	UNKNOWN	W17/520	27.87	18.50	33.62%	2.11	1.93	8.50%	194.4	190.6	98.05%	190.6	98.05%	0.00%
		W18/520	28.23	19.23	31.88%									
		W19/520	28.51	19.83	30.45%									
		W20/520	83.66	79.74	>27									
		W21/520	50.27	49.25	>27									
R9/520	UNKNOWN	W22/520	31.61	31.61	>27	2.24	2.22	0.98%	109.9	104.4	95.00%	104.4	95.00%	0.00%
		W23/520	37.19	36.36	>27									
R10/520	UNKNOWN	W24/520	17.38	15.78	9.21%	1.29	1.28	1.24%	112.9	108.1	95.75%	108.1	95.75%	0.00%
		W25/520	23.58	23.58	0.00%									
		W26/520	19.16	19.16	0.00%									
1st Floor														
R1/521	UNKNOWN	W1/521	36.54	34.53	>27	0.66	0.64	3.48%	96.9	88.6	91.43%	88.6	91.43%	0.00%
R2/521	UNKNOWN	W2/521	36.95	34.64	>27	0.61	0.58	4.28%	110.2	99.1	89.93%	99.1	89.93%	0.00%
R3/521	UNKNOWN	W3/521	37.43	34.84	>27	1.48	1.25	15.80%	161.7	154.8	95.73%	154.7	95.67%	0.06%
		W4/521	39.15	28.01	>27									
R4/521	UNKNOWN	W5/521	39.16	27.94	>27	1.52	1.14	25.10%	189.8	182.9	96.36%	169.6	89.36%	7.27%
		W6/521	39.15	27.88	>27									
R5/521	UNKNOWN	W7/521	38.34	35.65	>27	0.87	0.83	5.03%	157.8	149.5	94.74%	149.5	94.74%	0.00%
R6/521	UNKNOWN	W8/521	35.17	32.81	>27	0.82	0.78	4.41%	159.9	151.8	94.93%	151.8	94.93%	0.00%
R7/521	UNKNOWN	W9/521	29.03	23.25	19.91%	0.45	0.36	19.51%	104.1	67.5	64.84%	37.5	36.02%	44.44%
R8/521	UNKNOWN	W10/521	32.72	32.72	>27	0.78	0.77	1.41%	194.4	188.3	96.86%	188.3	96.86%	0.00%
		W11/521	32.37	31.41	>27									
R9/521	UNKNOWN	W12/521	28.17	26.97	4.26%	0.91	0.88	3.63%	116.7	108.3	92.80%	106.8	91.52%	1.39%
		W13/521	21.00	20.13	4.14%									
2nd Floor														
R1/522	UNKNOWN	W1/522	38.45	33.72	>27	0.27	0.24	11.24%	126	111.7	88.65%	101.9	80.87%	8.77%
R2/522	UNKNOWN	W2/522	38.21	33.52	>27	0.58	0.51	11.83%	150.9	140	92.78%	134.7	89.26%	3.79%
R3/522	UNKNOWN	W3/522	28.16	24.90	11.58%	1.32	1.21	8.55%	116.7	108.6	93.06%	108.6	93.06%	0.00%
		W4/522	37.17	32.66	>27									
		W5/522	24.73	23.95	3.15%									
61 Swords Road - BRE_11														
Gnd Floor														
R1/530	UNKNOWN	W1/530	38.87	35.55	>27	4.13	3.80	8.16%	140.9	139	98.65%	139	98.65%	0.00%
R2/530	UNKNOWN	W2/530	36.59	33.04	>27	2.18	1.99	8.64%	161.7	158.6	98.08%	158.6	98.08%	0.00%
1st Floor														
R1/531	UNKNOWN	W1/531	34.58	31.56	>27	1.16	1.07	7.69%	172.8	162.2	93.87%	162.2	93.87%	0.00%
R2/531	UNKNOWN	W2/531	34.57	31.32	>27	1.66	1.52	8.27%	161.7	157.7	97.53%	157.7	97.53%	0.00%
63 Swords Road - BRE_11														
Gnd Floor														
R3/530	UNKNOWN	W3/530	36.72	33.16	>27	2.20	2.01	8.33%	161.7	158.6	98.08%	158.2	97.84%	0.25%
R4/530	UNKNOWN	W4/530	38.59	34.23	>27	4.11	3.68	10.50%	140.9	139	98.65%	139	98.65%	0.00%
1st Floor														
R3/531	UNKNOWN	W3/531	34.70	31.23	>27	1.66	1.51	8.90%	161.7	157.7	97.53%	157.7	97.53%	0.00%
R4/531	UNKNOWN	W4/531	34.57	30.85	>27	1.17	1.06	9.48%	170.1	160.2	94.18%	160.2	94.18%	0.00%
65 Swords Road - BRE_11														
Gnd Floor														
R1/540	UNKNOWN	W1/540	38.73	33.62	>27	4.12	3.62	12.26%	140.9	139	98.65%	139	98.65%	0.00%
R2/540	UNKNOWN	W2/540	33.79	28.46	>27	2.26	1.96	13.30%	139.3	136.4	97.92%	136.4	97.92%	0.00%
1st Floor														
R1/541	UNKNOWN	W1/541	36.38	31.97	>27	1.16	1.04	10.77%	189.9	178	93.73%	178	93.73%	0.00%
R2/541	UNKNOWN	W2/541	36.37	31.64	>27	1.99	1.76	11.61%	139.2	135.5	97.34%	135.5	97.34%	0.00%
67 Swords Road - BRE_11														
Gnd Floor														
R3/540	UNKNOWN	W3/540	34.13	29.52	>27	2.28	2.04	10.58%	139.2	135.9	97.63%	135.9	97.63%	0.00%
R4/540	UNKNOWN	W4/540	38.56	32.09	>27	4.11	3.48	15.30%	140.9	139	98.65%	139	98.65%	0.00%
1st Floor														
R3/541	UNKNOWN	W3/541	36.47	31.39	>27	2.00	1.75	12.37%	139.2	135.2	97.13%	135.2	97.13%	0.00%
R4/541	UNKNOWN	W4/541	36.37	30.94	>27	1.17	1.02	13.20%	187.3	175.4	93.65%	175.4	93.65%	0.00%
69 Swords Road - BRE_12														
Gnd Floor														
R1/550	UNKNOWN	W1/550	35.77	28.61	>27	2.19	1.82	17.27%	154	151.1	98.12%	149.2	96.88%	1.26%
1st Floor														
R1/551	UNKNOWN	W1/551	39.39	33.43	>27	1.28	1.10	14.26%	178.7	168.5	94.29%	168.5	94.29%	0.00%
R2/551	UNKNOWN	W2/551	39.39	33.18	>27	1.96	1.67	14.74%	153.9	150.3	97.66%	150.3	97.66%	0.00%
71 Swords Road - BRE_12														
Gnd Floor														
R2/550	UNKNOWN	W2/550	36.01	29.13	>27	2.21	1.86	15.88%	153.9	151.2	98.25%	146.2	95.00%	3.31%
1st Floor														
R3/551	UNKNOWN	W3/551	39.37	32.96	>27	1.97	1.67	15.17%	153.9	150.3	97.66%	149.8	97.34%	0.33%
R4/551	UNKNOWN	W4/551	39.35	32.66	>27	1.30	1.09	15.87%	176.1	166	94.26%	166	94.26%	0.00%

AVISON YOUNG

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Daylight Distribution					
			Exist	Prop	% Loss	Exist	Prop	% Loss	Room Area sq ft	Existing Area sq ft	Existing % of Room Area	Proposed Area sq ft	Proposed % of Room Area	% Loss of Existing
73 Swords Road - BRE_12														
Gnd Floor														
R1/560	UNKNOWN	W1/560	37.84	31.05	>27	2.55	2.11	17.48%	188.5	186.3	98.83%	184.9	98.09%	0.75%
		W2/560	38.86	30.66	>27									
		W3/560	34.58	26.96	22.04%									
1st Floor														
R1/561	UNKNOWN	W1/561	33.54	27.23	>27	1.71	1.44	16.16%	144	140.2	97.36%	140.2	97.36%	0.00%
R2/561	UNKNOWN	W2/561	33.12	27.65	>27	2.36	2.00	15.32%	188.5	186.3	98.83%	186.3	98.83%	0.00%
		W3/561	38.35	31.72	>27									
		W4/561	30.89	24.71	20.01%									
75 Swords Road - BRE_12														
Gnd Floor														
R2/560	UNKNOWN	W4/560	35.72	28.74	>27	2.53	2.08	17.79%	188.5	186.1	98.73%	185.8	98.57%	0.16%
		W5/560	38.44	30.09	>27									
		W6/560	34.73	27.18	>27									
R3/560	UNKNOWN	W7/560	34.24	26.64	22.20%	2.31	1.87	18.86%	96.1	93.9	97.71%	82.1	85.43%	12.57%
1st Floor														
R3/561	UNKNOWN	W5/561	31.48	25.86	17.85%	2.35	1.98	15.47%	188.5	186.1	98.73%	186.1	98.73%	0.00%
		W6/561	38.12	31.36	>27									
		W7/561	31.65	25.54	19.30%									
R4/561	UNKNOWN	W8/561	32.66	26.36	19.29%	1.69	1.41	16.52%	144	138.6	96.25%	138.6	96.25%	0.00%
77 Swords Road - BRE_13														
Gnd Floor														
R1/570	UNKNOWN	W1/570	36.33	31.14	>27	2.31	1.92	16.95%	181.3	179.2	98.84%	142.7	78.71%	20.37%
		W2/570	39.38	29.61	>27									
		W3/570	29.43	23.85	18.96%									
R2/570	UNKNOWN	W4/570	38.21	28.58	>27	2.30	1.78	22.83%	82.6	81	98.06%	54.3	65.74%	32.96%
1st Floor														
R1/571	UNKNOWN	W1/571	21.51	17.35	19.34%	1.64	1.36	17.20%	181.3	178.4	98.40%	169.8	93.66%	4.82%
		W2/571	39.00	31.08	>27									
		W3/571	17.99	13.41	25.46%									
R2/571	UNKNOWN	W4/571	38.57	30.63	>27	2.31	1.87	18.95%	82.6	81	98.06%	66.8	80.87%	17.53%
79 Swords Road - BRE_13														
Gnd Floor														
R1/580	UNKNOWN	W1/580	26.37	21.02	20.29%	2.66	2.14	19.82%	100.1	98.1	98.00%	59.5	59.44%	39.35%
		W2/580	39.16	29.65	>27									
		W3/580	24.01	18.80	21.70%									
R2/580	UNKNOWN	W4/580	29.76	24.41	17.98%	2.01	1.67	17.18%	202.3	199.5	98.62%	166.3	82.20%	16.64%
		W5/580	39.26	29.86	>27									
		W6/580	23.16	18.21	21.37%									
1st Floor														
R1/581	UNKNOWN	W1/581	27.44	20.06	26.90%	0.92	0.70	23.86%	92.8	85.6	92.24%	85.6	92.24%	0.00%
R2/581	UNKNOWN	W2/581	18.43	14.14	23.28%	1.45	1.20	17.40%	202.3	198.8	98.27%	185.4	91.65%	6.74%
		W3/581	38.92	31.27	>27									
		W4/581	14.46	10.40	28.08%									
R1/591	UNKNOWN	W1/591	38.74	30.93	>27	1.75	1.42	18.66%	92.9	90.1	96.99%	69.8	75.13%	22.53%
81 Swords Road - BRE_13														
Gnd Floor														
R3/580	UNKNOWN	W7/580	23.11	17.71	23.37%	1.95	1.61	17.52%	202.3	199.3	98.52%	166.2	82.16%	16.61%
		W8/580	38.91	29.58	>27									
		W9/580	24.97	20.22	19.02%									
1st Floor														
R3/581	UNKNOWN	W5/581	14.40	10.07	30.07%	1.43	1.18	17.65%	202.3	198.3	98.02%	187	92.44%	5.70%
		W6/581	38.82	31.23	>27									
		W7/581	16.19	12.29	24.09%									
R4/581	UNKNOWN	W8/581	26.82	19.73	26.44%	0.99	0.77	22.78%	82.4	76.9	93.33%	76.9	93.33%	0.00%
R2/591	UNKNOWN	W2/591	31.97	26.03	18.58%	1.62	1.37	15.48%	102.1	98.5	96.47%	87.9	86.09%	10.76%
83 Swords Road - BRE_13														
1st Floor														
R1/601	UNKNOWN	W1/601	37.44	29.02	>27	2.06	1.65	19.92%	174.3	169.5	97.25%	168.3	96.56%	0.71%
		W2/601	37.37	29.11	>27									
		W3/601	37.36	29.18	>27									
R2/601	UNKNOWN	W4/601	37.35	29.53	>27	2.06	1.67	18.76%	174.3	169.4	97.19%	169.4	97.19%	0.00%
		W5/601	37.35	29.58	>27									
		W6/601	37.34	29.74	>27									

AVISON YOUNG

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Daylight Distribution					
			Exist	Prop	% Loss	Exist	Prop	% Loss	Room Area sq ft	Existing Area sq ft	Existing % of Room Area	Proposed Area sq ft	Proposed % of Room Area	% Loss of Existing
85-87 Swords Road - BRE_13														
1st Floor														
R3/601	UNKNOWN	W7/601	35.89	28.46	>27	0.00	0.00	#DIV/0!	166.2	0	0.00%	0	0.00%	#DIV/0!
		W8/601	39.55	32.25	>27									
		W9/601	35.90	30.36	>27									
R4/601	UNKNOWN	W10/601	37.33	30.41	>27	2.06	1.73	16.18%	174.3	169.5	97.25%	169.5	97.25%	0.00%
		W11/601	37.35	30.57	>27									
		W12/601	37.34	30.66	>27									
R5/601	UNKNOWN	W13/601	37.34	30.94	>27	2.06	1.75	14.82%	174.3	169.4	97.19%	169.4	97.19%	0.00%
		W14/601	37.34	31.03	>27									
		W15/601	37.32	31.15	>27									
R6/601	UNKNOWN	W16/601	35.88	29.52	>27	0.00	0.00	#DIV/0!	159.5	0	0.00%	0	0.00%	#DIV/0!
		W17/601	39.50	33.58	>27									
		W18/601	35.14	30.97	>27									
91 Swords Road - BRE_18														
1st Floor														
R1/611	UNKNOWN	W1/611	36.69	34.65	>27	1.57	1.51	3.88%	67.6	64.5	95.41%	64.5	95.41%	0.00%
R2/611	UNKNOWN	W2/611	32.69	30.47	>27	4.61	4.31	6.51%	146.9	146.3	99.59%	146.3	99.59%	0.00%
		W3/611	34.06	30.64	>27									
		W4/611	32.69	30.39	>27									
R3/611	UNKNOWN	W5/611	30.17	28.05	>27	1.05	1.02	2.39%	110.8	106.3	95.94%	106.3	95.94%	0.00%
		W6/611	26.34	24.54	6.83%									

ADF	Pass Value	No Rooms	No Passes	% Passes
BEDROOM	1	0	0	0.00%
DINING	1.5	0	0	0.00%
KITCHEN	2	8	0	0.00%
LD	1.5	0	0	0.00%
KD	2	0	0	0.00%
STUDY	1.5	0	0	0.00%
STUDIO	1.5	0	0	0.00%
LKD	2	2	1	50.00%
Livingroom	1.5	8	6	75.00%
TOTALS		18	7	38.89%

AVISON YOUNG

HARTFIELD PLACE DUBLIN
21-Feb-22
JOB 11 - SUNLIGHT RESULTS

Available sunlight as a percentage of annual unobstructed total (1392.0 Hrs)

		Existing %			Proposed %					
Room use	Window Ref	Summer	Winter	Total	Summer	Winter	Total	% Loss of Summer	% Loss of Winter	% Loss of Total
Beechlawn Nursing Home - BRE_05										
Gnd Floor										
KITCHEN	W1/500	27.00	7.00	34.00	17.00	4.00	21.00	37.04%	42.86%	38.24%
KITCHEN	W2/500	11.00	0.00	11.00	3.00	0.00	3.00	72.73%	0.00%	72.73%
KITCHEN	W5/500	26.00	7.00	33.00	16.00	4.00	20.00	38.46%	42.86%	39.39%
KITCHEN	W6/500	11.00	0.00	11.00	2.00	0.00	2.00	81.82%	0.00%	81.82%
LIVINGROOM	W9/500	25.00	7.00	32.00	17.00	4.00	21.00	32.00%	42.86%	34.38%
LIVINGROOM	W10/500	11.00	0.00	11.00	4.00	0.00	4.00	63.64%	0.00%	63.64%
LKD	W13/500	25.00	6.00	31.00	19.00	3.00	22.00	24.00%	50.00%	29.03%
LKD	W14/500	8.00	4.00	12.00	1.00	2.00	3.00	87.50%	50.00%	75.00%
LKD	W15/500	16.00	6.00	22.00	9.00	3.00	12.00	43.75%	50.00%	45.45%
LKD	W16/500	56.00	27.00	83.00	47.00	24.00	71.00	16.07%	11.11%	14.46%
1st Floor										
KITCHEN	W1/501	28.00	7.00	35.00	18.00	4.00	22.00	35.71%	42.86%	37.14%
KITCHEN	W2/501	12.00	0.00	12.00	4.00	0.00	4.00	66.67%	0.00%	66.67%
KITCHEN	W5/501	28.00	7.00	35.00	18.00	4.00	22.00	35.71%	42.86%	37.14%
KITCHEN	W6/501	12.00	0.00	12.00	4.00	0.00	4.00	66.67%	0.00%	66.67%
LIVINGROOM	W9/501	28.00	7.00	35.00	18.00	4.00	22.00	35.71%	42.86%	37.14%
LIVINGROOM	W10/501	13.00	0.00	13.00	5.00	0.00	5.00	61.54%	0.00%	61.54%
LKD	W13/501	28.00	7.00	35.00	21.00	4.00	25.00	25.00%	42.86%	28.57%
LKD	W14/501	10.00	5.00	15.00	4.00	3.00	7.00	60.00%	40.00%	53.33%
LKD	W15/501	15.00	4.00	19.00	9.00	2.00	11.00	40.00%	50.00%	42.11%
LKD	W16/501	57.00	28.00	85.00	50.00	26.00	76.00	12.28%	7.14%	10.59%
2nd Floor										
KITCHEN	W1/502	28.00	7.00	35.00	21.00	4.00	25.00	25.00%	42.86%	28.57%
KITCHEN	W2/502	12.00	0.00	12.00	7.00	0.00	7.00	41.67%	0.00%	41.67%
KITCHEN	W5/502	28.00	7.00	35.00	19.00	5.00	24.00	32.14%	28.57%	31.43%
KITCHEN	W6/502	13.00	0.00	13.00	6.00	0.00	6.00	53.85%	0.00%	53.85%
Highfield Healthcare Outpatients - BRE_09-10										
Gnd Floor										
UNKNOWN	W1/520	43.00	11.00	54.00	41.00	11.00	52.00	4.65%	0.00%	3.70%
UNKNOWN	W2/520	43.00	13.00	56.00	40.00	13.00	53.00	6.98%	0.00%	5.36%
UNKNOWN	W3/520	43.00	16.00	59.00	40.00	16.00	56.00	6.98%	0.00%	5.08%
UNKNOWN	W4/520	43.00	18.00	61.00	39.00	18.00	57.00	9.30%	0.00%	6.56%
UNKNOWN	W5/520	48.00	18.00	66.00	44.00	18.00	62.00	8.33%	0.00%	6.06%
UNKNOWN	W6/520	41.00	20.00	61.00	37.00	20.00	57.00	9.76%	0.00%	6.56%
UNKNOWN	W7/520	39.00	20.00	59.00	36.00	20.00	56.00	7.69%	0.00%	5.08%
UNKNOWN	W8/520	35.00	20.00	55.00	35.00	20.00	55.00	0.00%	0.00%	0.00%
UNKNOWN	W9/520	32.00	20.00	52.00	32.00	20.00	52.00	0.00%	0.00%	0.00%
UNKNOWN	W17/520	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%
UNKNOWN	W18/520	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%
UNKNOWN	W19/520	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%
UNKNOWN	W20/520	47.00	2.00	49.00	47.00	2.00	49.00	0.00%	0.00%	0.00%

AVISON YOUNG

		Existing %			Proposed %					
Room use	Window Ref	Summer	Winter	Total	Summer	Winter	Total	% Loss of Summer	% Loss of Winter	% Loss of Total
UNKNOWN	W21/520	3.00	0.00	3.00	3.00	0.00	3.00	0.00%	0.00%	0.00%
UNKNOWN	W24/520	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%
UNKNOWN	W25/520	37.00	8.00	45.00	37.00	8.00	45.00	0.00%	0.00%	0.00%
UNKNOWN	W26/520	31.00	5.00	36.00	31.00	5.00	36.00	0.00%	0.00%	0.00%
1st Floor										
UNKNOWN	W1/521	41.00	15.00	56.00	39.00	15.00	54.00	4.88%	0.00%	3.57%
UNKNOWN	W2/521	42.00	15.00	57.00	40.00	15.00	55.00	4.76%	0.00%	3.51%
UNKNOWN	W3/521	43.00	19.00	62.00	39.00	19.00	58.00	9.30%	0.00%	6.45%
UNKNOWN	W4/521	14.00	1.00	15.00	10.00	1.00	11.00	28.57%	0.00%	26.67%
61 Swords Road - BRE_11										
Gnd Floor										
UNKNOWN	W1/530	43.00	22.00	65.00	37.00	22.00	59.00	13.95%	0.00%	9.23%
UNKNOWN	W2/530	40.00	14.00	54.00	34.00	14.00	48.00	15.00%	0.00%	11.11%
1st Floor										
UNKNOWN	W1/531	33.00	19.00	52.00	30.00	19.00	49.00	9.09%	0.00%	5.77%
UNKNOWN	W2/531	33.00	18.00	51.00	29.00	18.00	47.00	12.12%	0.00%	7.84%
63 Swords Road - BRE_11										
Gnd Floor										
UNKNOWN	W3/530	39.00	22.00	61.00	35.00	22.00	57.00	10.26%	0.00%	6.56%
UNKNOWN	W4/530	43.00	22.00	65.00	38.00	21.00	59.00	11.63%	4.55%	9.23%
1st Floor										
UNKNOWN	W3/531	33.00	18.00	51.00	29.00	18.00	47.00	12.12%	0.00%	7.84%
UNKNOWN	W4/531	33.00	18.00	51.00	29.00	17.00	46.00	12.12%	5.56%	9.80%
65 Swords Road - BRE_11										
Gnd Floor										
UNKNOWN	W1/540	43.00	22.00	65.00	39.00	20.00	59.00	9.30%	9.09%	9.23%
UNKNOWN	W2/540	38.00	7.00	45.00	32.00	4.00	36.00	15.79%	42.86%	20.00%
1st Floor										
UNKNOWN	W1/541	34.00	20.00	54.00	30.00	19.00	49.00	11.76%	5.00%	9.26%
UNKNOWN	W2/541	34.00	19.00	53.00	30.00	16.00	46.00	11.76%	15.79%	13.21%
67 Swords Road - BRE_11										
Gnd Floor										
UNKNOWN	W3/540	38.00	20.00	58.00	34.00	16.00	50.00	10.53%	20.00%	13.79%
UNKNOWN	W4/540	43.00	22.00	65.00	37.00	18.00	55.00	13.95%	18.18%	15.38%
1st Floor										
UNKNOWN	W3/541	34.00	19.00	53.00	30.00	15.00	45.00	11.76%	21.05%	15.09%
UNKNOWN	W4/541	34.00	19.00	53.00	29.00	15.00	44.00	14.71%	21.05%	16.98%
69 Swords Road - BRE_12										
Gnd Floor										
UNKNOWN	W1/550	43.00	10.00	53.00	37.00	6.00	43.00	13.95%	40.00%	18.87%
1st Floor										
UNKNOWN	W1/551	43.00	22.00	65.00	38.00	19.00	57.00	11.63%	13.64%	12.31%
UNKNOWN	W2/551	43.00	22.00	65.00	38.00	20.00	58.00	11.63%	9.09%	10.77%
71 Swords Road - BRE_12										
Gnd Floor										
UNKNOWN	W2/550	42.00	21.00	63.00	38.00	17.00	55.00	9.52%	19.05%	12.70%
1st Floor										
UNKNOWN	W3/551	43.00	22.00	65.00	39.00	20.00	59.00	9.30%	9.09%	9.23%
UNKNOWN	W4/551	43.00	22.00	65.00	39.00	20.00	59.00	9.30%	9.09%	9.23%

AVISON YOUNG

		Existing %			Proposed %					
Room use	Window Ref	Summer	Winter	Total	Summer	Winter	Total	% Loss of Summer	% Loss of Winter	% Loss of Total
73 Swords Road - BRE_12										
Gnd Floor										
UNKNOWN	W1/560	45.00	23.00	68.00	40.00	18.00	58.00	11.11%	21.74%	14.71%
UNKNOWN	W2/560	42.00	22.00	64.00	37.00	17.00	54.00	11.90%	22.73%	15.63%
UNKNOWN	W3/560	33.00	13.00	46.00	28.00	8.00	36.00	15.15%	38.46%	21.74%
1st Floor										
UNKNOWN	W1/561	33.00	20.00	53.00	30.00	18.00	48.00	9.09%	10.00%	9.43%
UNKNOWN	W2/561	33.00	23.00	56.00	30.00	19.00	49.00	9.09%	17.39%	12.50%
UNKNOWN	W3/561	38.00	21.00	59.00	35.00	17.00	52.00	7.89%	19.05%	11.86%
UNKNOWN	W4/561	32.00	13.00	45.00	29.00	9.00	38.00	9.38%	30.77%	15.56%
75 Swords Road - BRE_12										
Gnd Floor										
UNKNOWN	W4/560	40.00	19.00	59.00	35.00	14.00	49.00	12.50%	26.32%	16.95%
UNKNOWN	W5/560	41.00	22.00	63.00	36.00	17.00	53.00	12.20%	22.73%	15.87%
UNKNOWN	W6/560	33.00	13.00	46.00	28.00	8.00	36.00	15.15%	38.46%	21.74%
UNKNOWN	W7/560	40.00	19.00	59.00	37.00	13.00	50.00	7.50%	31.58%	15.25%
1st Floor										
UNKNOWN	W5/561	33.00	18.00	51.00	30.00	14.00	44.00	9.09%	22.22%	13.73%
UNKNOWN	W6/561	38.00	20.00	58.00	35.00	16.00	51.00	7.89%	20.00%	12.07%
UNKNOWN	W7/561	32.00	13.00	45.00	29.00	9.00	38.00	9.38%	30.77%	15.56%
UNKNOWN	W8/561	32.00	14.00	46.00	30.00	11.00	41.00	6.25%	21.43%	10.87%
77 Swords Road - BRE_13										
Gnd Floor										
UNKNOWN	W1/570	50.00	25.00	75.00	48.00	18.00	66.00	4.00%	28.00%	12.00%
UNKNOWN	W2/570	42.00	22.00	64.00	36.00	15.00	51.00	14.29%	31.82%	20.31%
UNKNOWN	W3/570	25.00	7.00	32.00	19.00	2.00	21.00	24.00%	71.43%	34.38%
UNKNOWN	W4/570	38.00	19.00	57.00	33.00	11.00	44.00	13.16%	42.11%	22.81%
1st Floor										
UNKNOWN	W1/571	18.00	27.00	45.00	16.00	22.00	38.00	11.11%	18.52%	15.56%
UNKNOWN	W2/571	40.00	22.00	62.00	36.00	18.00	54.00	10.00%	18.18%	12.90%
UNKNOWN	W3/571	21.00	7.00	28.00	18.00	3.00	21.00	14.29%	57.14%	25.00%
UNKNOWN	W4/571	38.00	18.00	56.00	33.00	12.00	45.00	13.16%	33.33%	19.64%
79 Swords Road - BRE_13										
Gnd Floor										
UNKNOWN	W1/580	37.00	19.00	56.00	34.00	12.00	46.00	8.11%	36.84%	17.86%
UNKNOWN	W2/580	43.00	19.00	62.00	38.00	12.00	50.00	11.63%	36.84%	19.35%
UNKNOWN	W3/580	23.00	6.00	29.00	18.00	1.00	19.00	21.74%	83.33%	34.48%
UNKNOWN	W4/580	40.00	21.00	61.00	37.00	15.00	52.00	7.50%	28.57%	14.75%
UNKNOWN	W5/580	42.00	22.00	64.00	37.00	16.00	53.00	11.90%	27.27%	17.19%
UNKNOWN	W6/580	23.00	6.00	29.00	19.00	2.00	21.00	17.39%	66.67%	27.59%
1st Floor										
UNKNOWN	W1/581	27.00	20.00	47.00	23.00	15.00	38.00	14.81%	25.00%	19.15%
UNKNOWN	W2/581	18.00	21.00	39.00	16.00	16.00	32.00	11.11%	23.81%	17.95%
UNKNOWN	W3/581	39.00	21.00	60.00	35.00	16.00	51.00	10.26%	23.81%	15.00%
UNKNOWN	W4/581	21.00	6.00	27.00	18.00	2.00	20.00	14.29%	66.67%	25.93%
UNKNOWN	W1/591	43.00	20.00	63.00	39.00	15.00	54.00	9.30%	25.00%	14.29%

AVISON YOUNG

		Existing %			Proposed %					
Room use	Window Ref	Summer	Winter	Total	Summer	Winter	Total	% Loss of Summer	% Loss of Winter	% Loss of Total
81 Swords Road - BRE_13										
Gnd Floor										
UNKNOWN	W7/580	32.00	18.00	50.00	29.00	12.00	41.00	9.38%	33.33%	18.00%
UNKNOWN	W8/580	42.00	22.00	64.00	37.00	15.00	52.00	11.90%	31.82%	18.75%
UNKNOWN	W9/580	23.00	6.00	29.00	19.00	1.00	20.00	17.39%	83.33%	31.03%
1st Floor										
UNKNOWN	W5/581	18.00	15.00	33.00	16.00	10.00	26.00	11.11%	33.33%	21.21%
UNKNOWN	W6/581	39.00	21.00	60.00	36.00	16.00	52.00	7.69%	23.81%	13.33%
UNKNOWN	W7/581	21.00	6.00	27.00	18.00	2.00	20.00	14.29%	66.67%	25.93%
UNKNOWN	W8/581	26.00	12.00	38.00	24.00	8.00	32.00	7.69%	33.33%	15.79%
UNKNOWN	W2/591	35.00	18.00	53.00	34.00	13.00	47.00	2.86%	27.78%	11.32%
83 Swords Road - BRE_13										
1st Floor										
UNKNOWN	W1/601	34.00	19.00	53.00	29.00	13.00	42.00	14.71%	31.58%	20.75%
UNKNOWN	W2/601	34.00	18.00	52.00	29.00	12.00	41.00	14.71%	33.33%	21.15%
UNKNOWN	W3/601	34.00	18.00	52.00	29.00	12.00	41.00	14.71%	33.33%	21.15%
UNKNOWN	W4/601	34.00	18.00	52.00	29.00	11.00	40.00	14.71%	38.89%	23.08%
UNKNOWN	W5/601	34.00	18.00	52.00	29.00	11.00	40.00	14.71%	38.89%	23.08%
UNKNOWN	W6/601	34.00	18.00	52.00	29.00	13.00	42.00	14.71%	27.78%	19.23%
85-87 Swords Road - BRE_13										
1st Floor										
UNKNOWN	W7/601	38.00	19.00	57.00	34.00	15.00	49.00	10.53%	21.05%	14.04%
UNKNOWN	W8/601	40.00	19.00	59.00	36.00	15.00	51.00	10.00%	21.05%	13.56%
UNKNOWN	W9/601	32.00	13.00	45.00	29.00	9.00	38.00	9.38%	30.77%	15.56%
UNKNOWN	W10/601	34.00	18.00	52.00	31.00	14.00	45.00	8.82%	22.22%	13.46%
UNKNOWN	W11/601	34.00	18.00	52.00	31.00	13.00	44.00	8.82%	27.78%	15.38%
UNKNOWN	W12/601	34.00	18.00	52.00	31.00	12.00	43.00	8.82%	33.33%	17.31%
UNKNOWN	W13/601	34.00	18.00	52.00	31.00	13.00	44.00	8.82%	27.78%	15.38%
UNKNOWN	W14/601	34.00	18.00	52.00	31.00	13.00	44.00	8.82%	27.78%	15.38%
UNKNOWN	W15/601	34.00	18.00	52.00	31.00	13.00	44.00	8.82%	27.78%	15.38%
UNKNOWN	W16/601	38.00	19.00	57.00	36.00	14.00	50.00	5.26%	26.32%	12.28%
UNKNOWN	W17/601	40.00	19.00	59.00	39.00	14.00	53.00	2.50%	26.32%	10.17%
UNKNOWN	W18/601	32.00	13.00	45.00	31.00	9.00	40.00	3.13%	30.77%	11.11%
91 Swords Road - BRE_18										
1st Floor										
UNKNOWN	W1/611	54.00	28.00	82.00	54.00	28.00	82.00	0.00%	0.00%	0.00%
UNKNOWN	W2/611	45.00	28.00	73.00	45.00	28.00	73.00	0.00%	0.00%	0.00%
UNKNOWN	W3/611	44.00	28.00	72.00	44.00	27.00	71.00	0.00%	3.57%	1.39%
UNKNOWN	W4/611	29.00	17.00	46.00	29.00	16.00	45.00	0.00%	5.88%	2.17%
UNKNOWN	W5/611	27.00	13.00	40.00	27.00	12.00	39.00	0.00%	7.69%	2.50%
UNKNOWN	W6/611	26.00	10.00	36.00	26.00	9.00	35.00	0.00%	10.00%	2.78%

Appendix IV

Internal Daylight & Sunlight Results BRE
Full Room Depths



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
PLAN VIEW
PROPOSED

Drawn By	Scale @ A3	Date
CC	-	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	ROL_03	-

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Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
3D VIEW
PROPOSED

Drawn By	Scale @ A3	Date
CC	NTS	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	ROL_04	-

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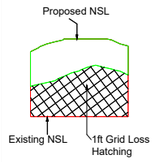
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N



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK A

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	BRE_05	-

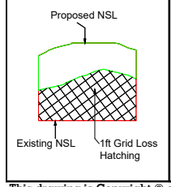
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2ND FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK A

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_07	BRE_06	-

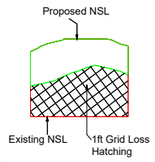
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3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	CC	1/200	11 Feb 2022
Drawing Title			
NO SKYLINE CONTOURS	Project No.	Drawing No.	Revision
BLOCK A	HA163_07	BRE_07	-

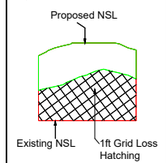
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4TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	CC	1/200	11 Feb 2022
Drawing Title			
NO SKYLINE CONTOURS	Project No.	Drawing No.	Revision
BLOCK A	HA163_07	BRE_08	-

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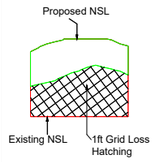
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N



5TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK A

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	BRE_09	-

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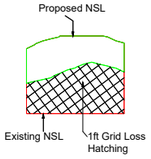
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N



6TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
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BLOCK A

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
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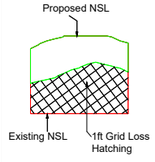
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7TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

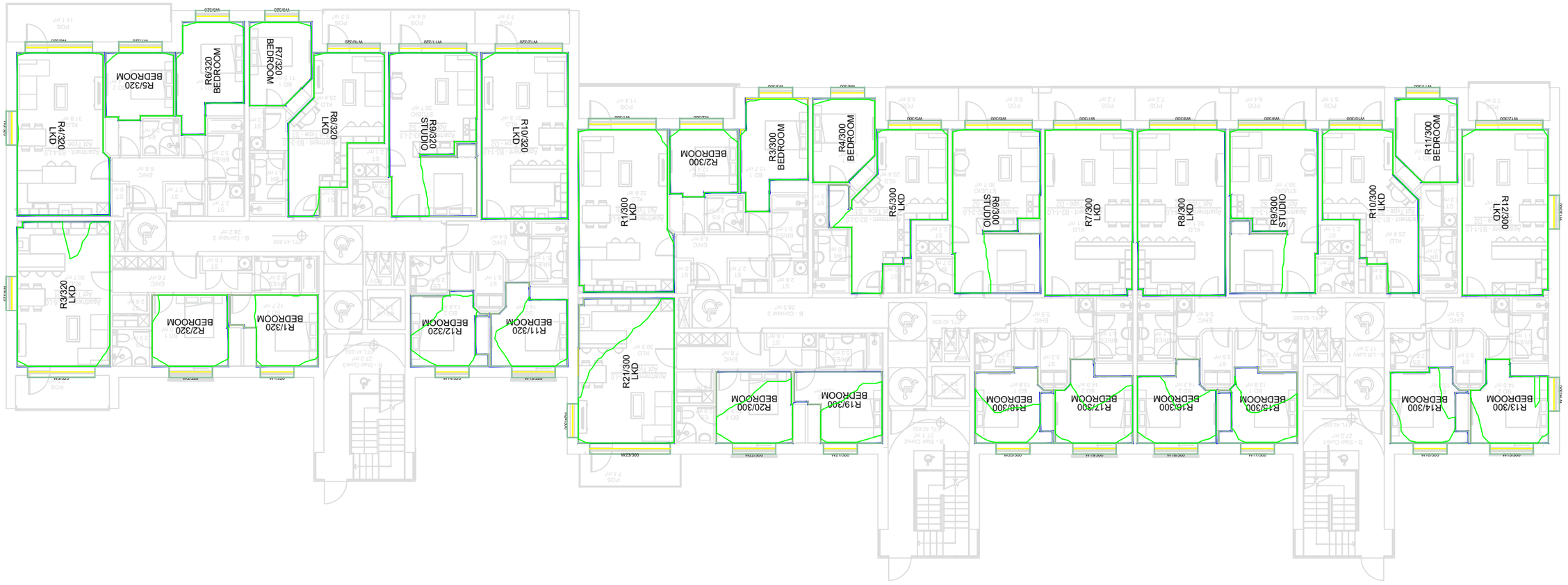
Drawing Title
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CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
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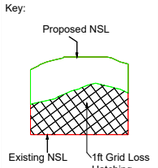
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GROUND FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

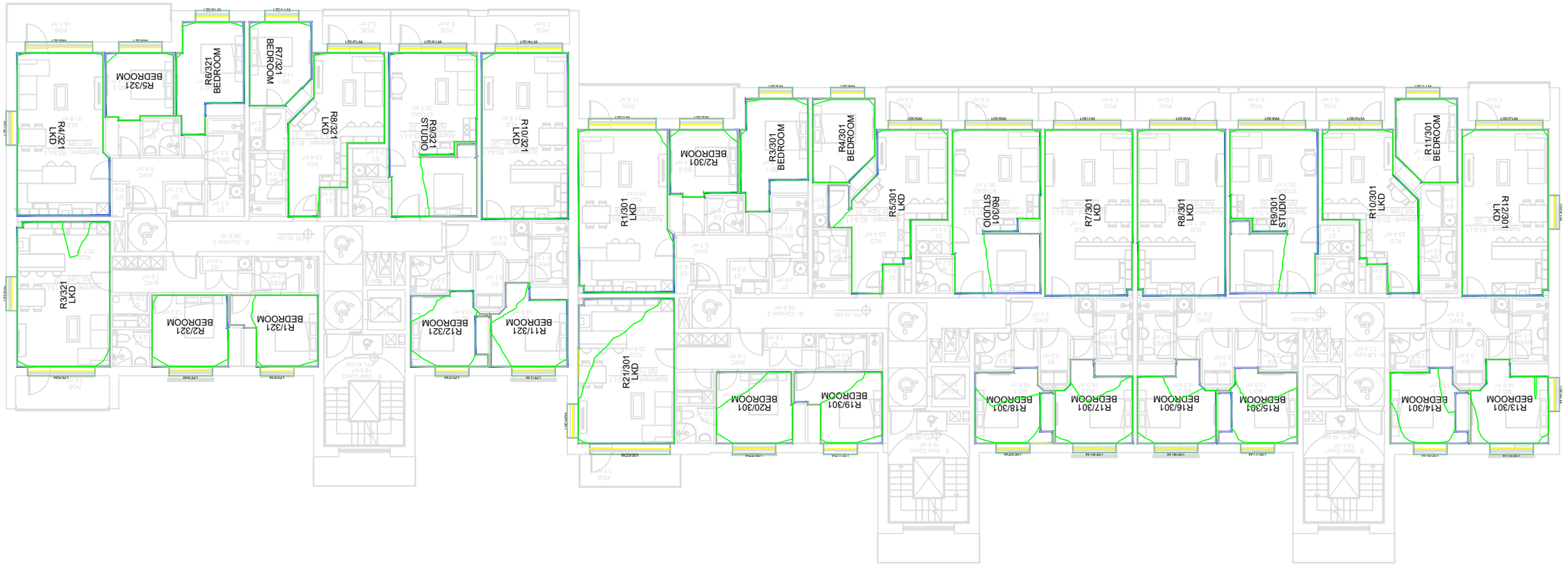
Drawing Title
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Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
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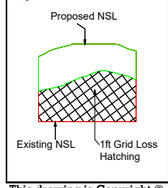
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1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

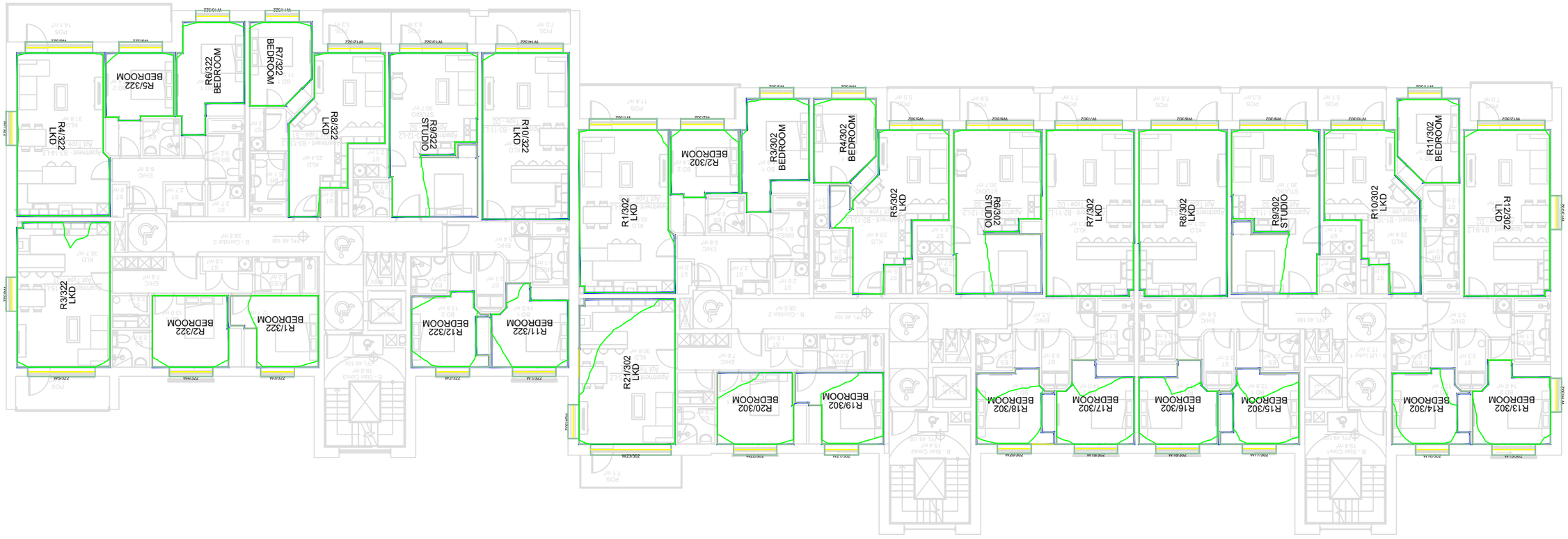
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CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
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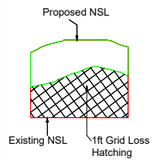
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2ND FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

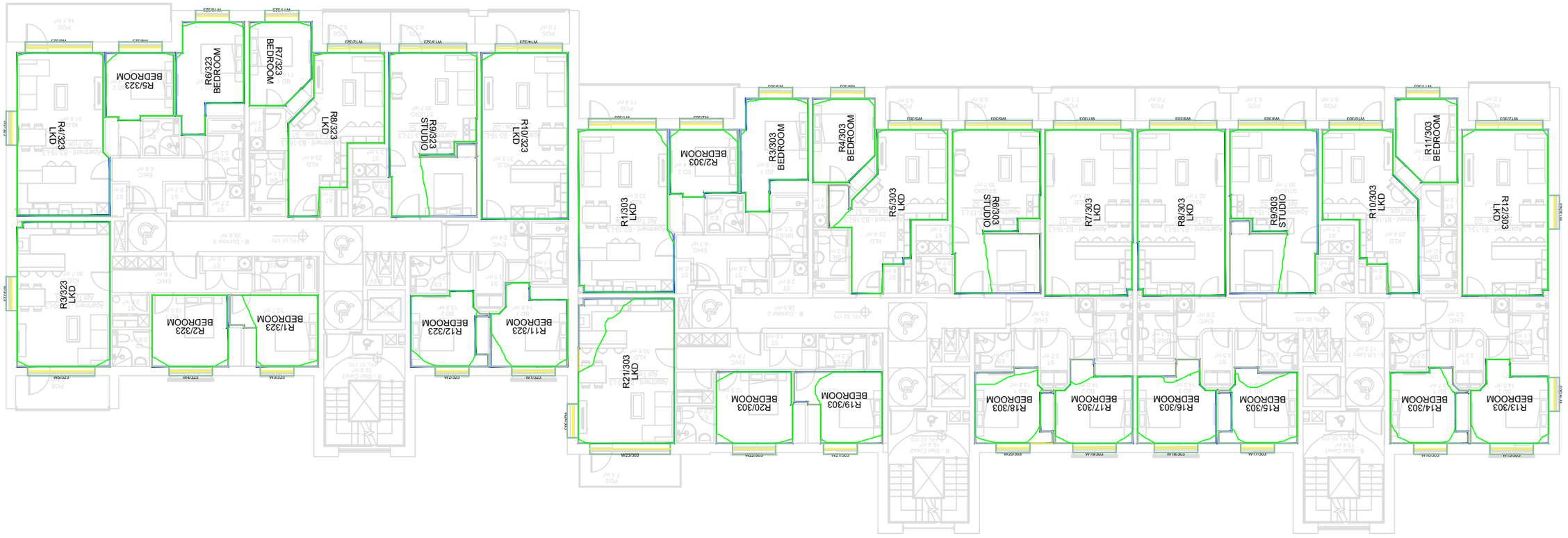
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CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
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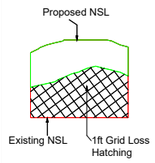
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3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

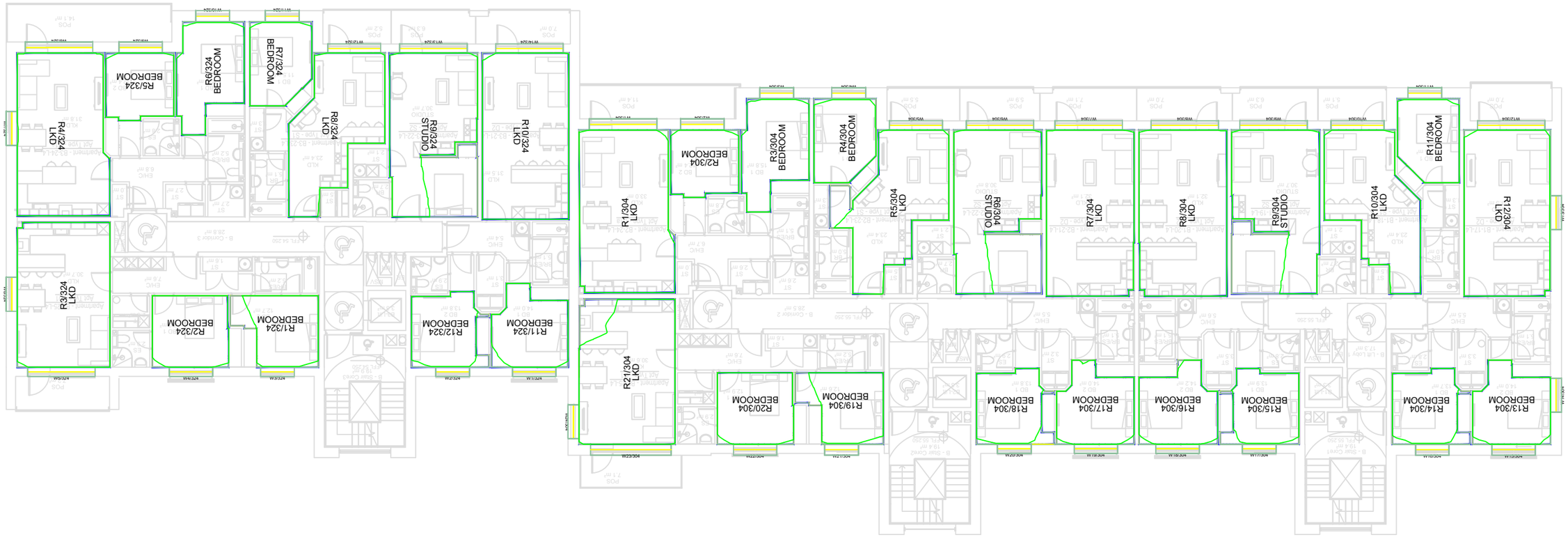
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Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	BRE_15	-

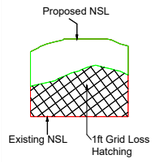
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4TH FLOOR

Key:



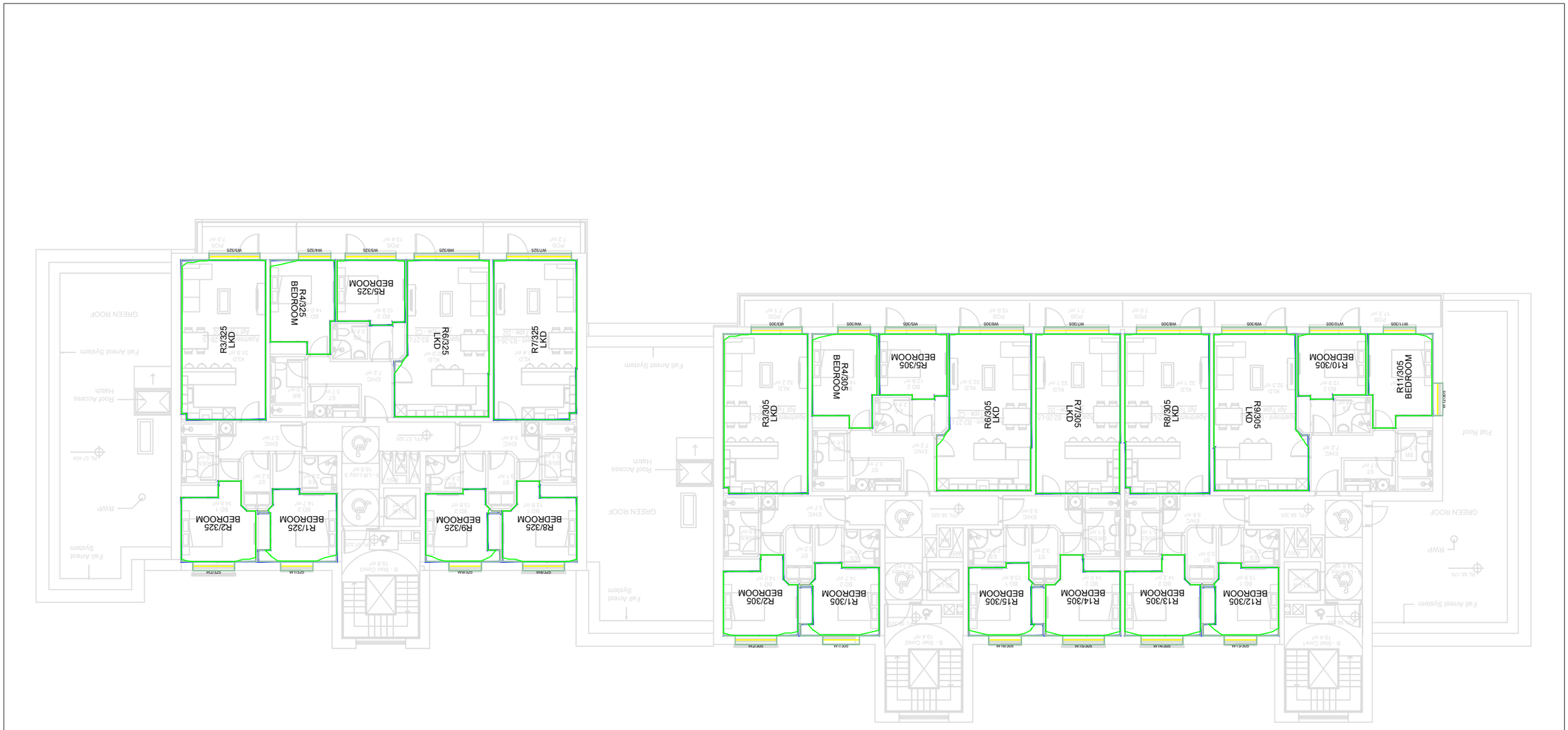
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	CC	1/200	11 Feb 2022
Drawing Title			
NO SKYLINE CONTOURS	Project No.	Drawing No.	Revision
BLOCK B	HA163_07	BRE_16	-

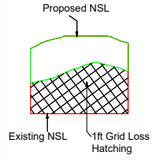
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5TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

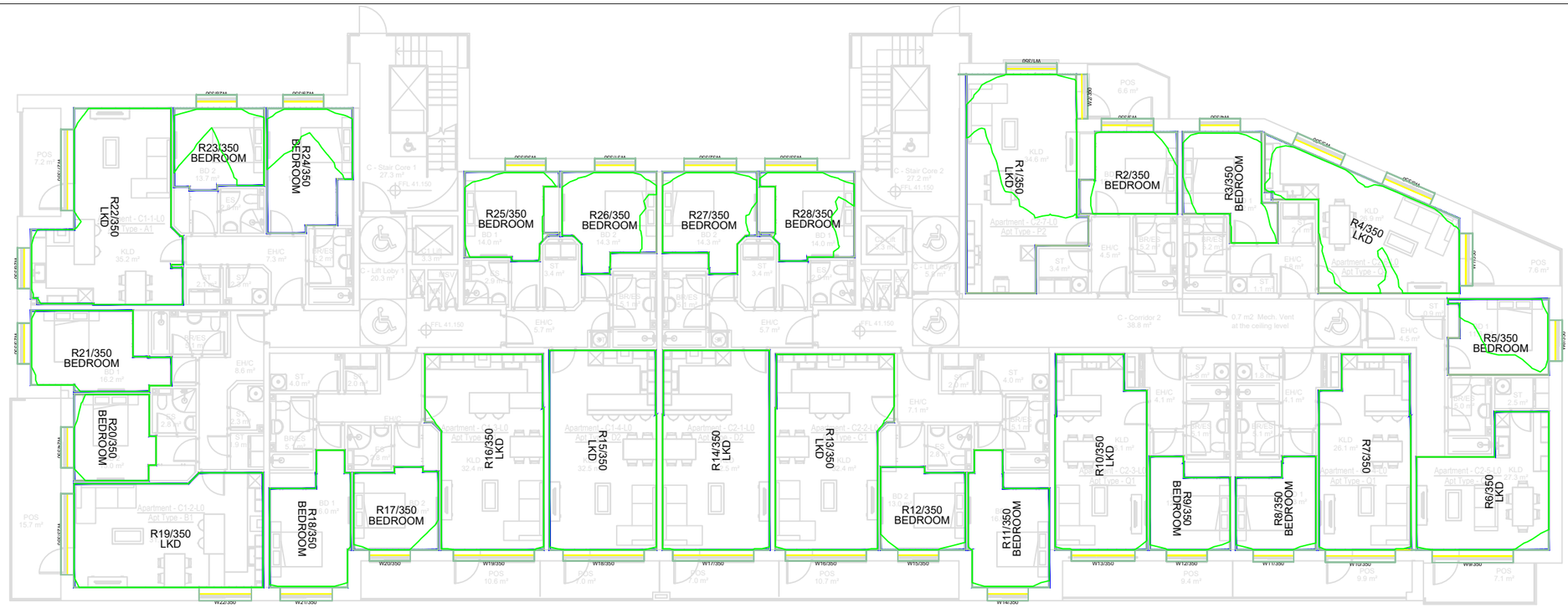
Drawing Title
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BLOCK B

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	BRE_17	-

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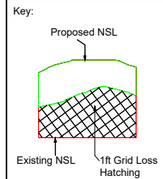


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

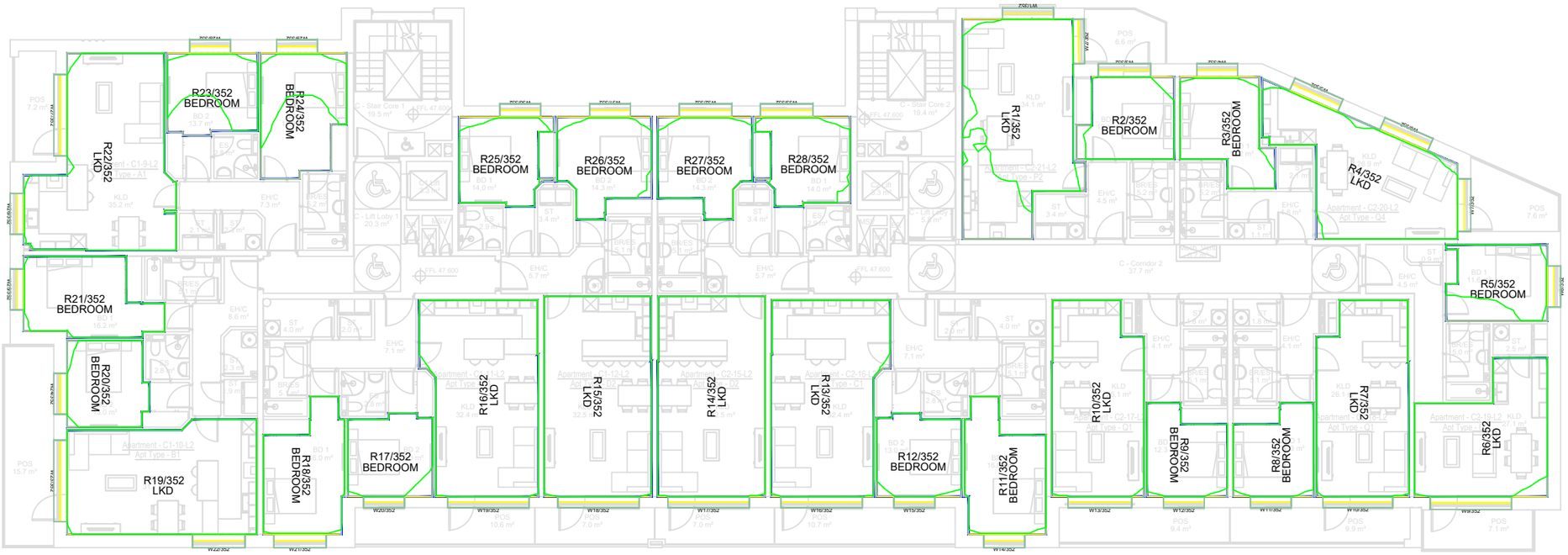
Drawing Title
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BLOCK C

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

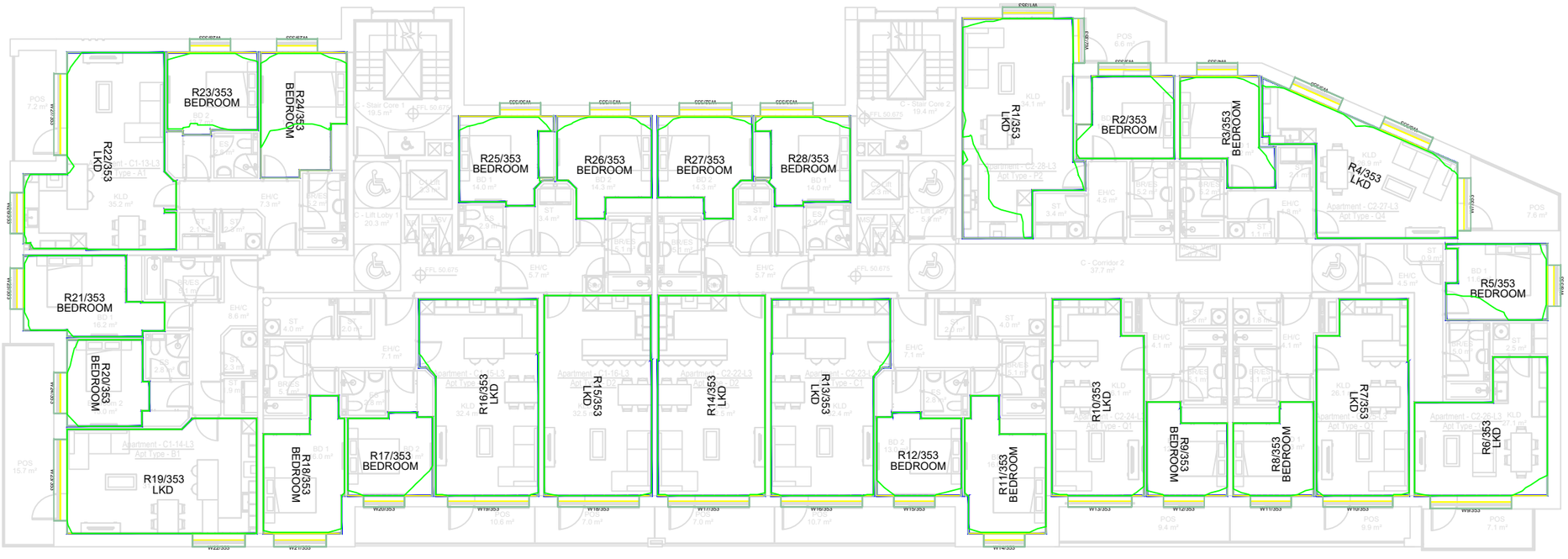
Project No.	Drawing No.	Revision
HA163_07	BRE_18	-

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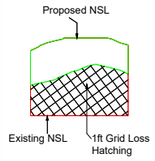


2ND FLOOR



3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

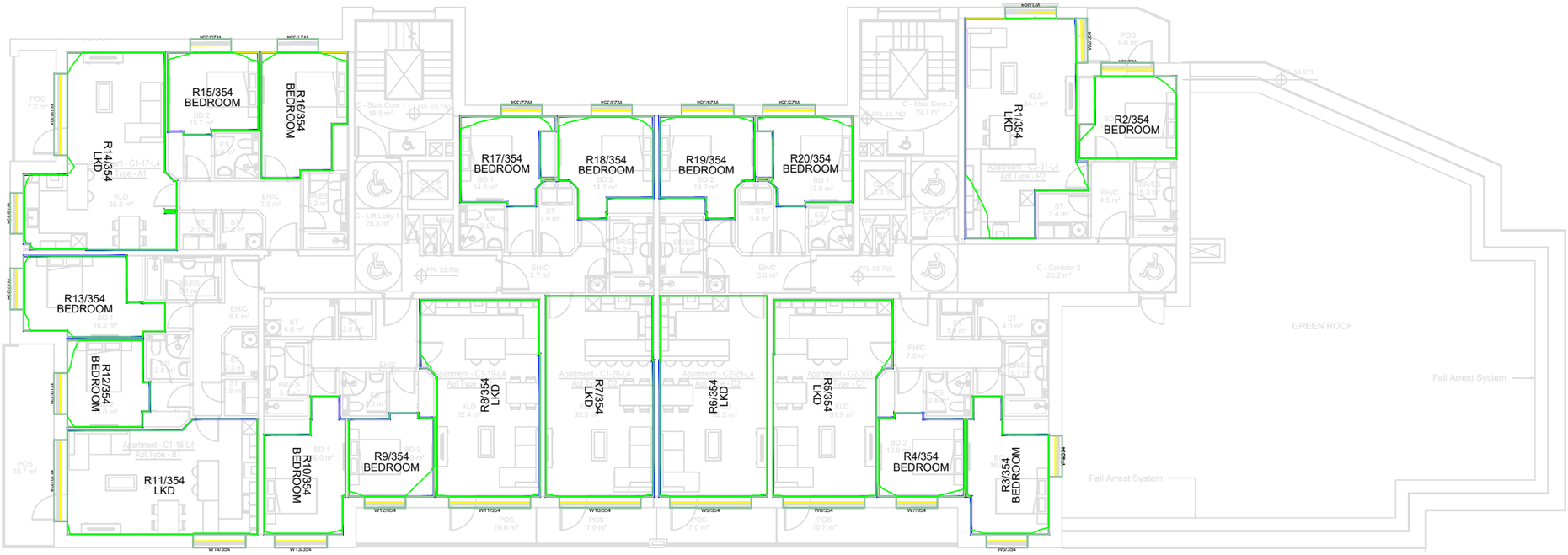
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CC	1/200	11 Feb 2022

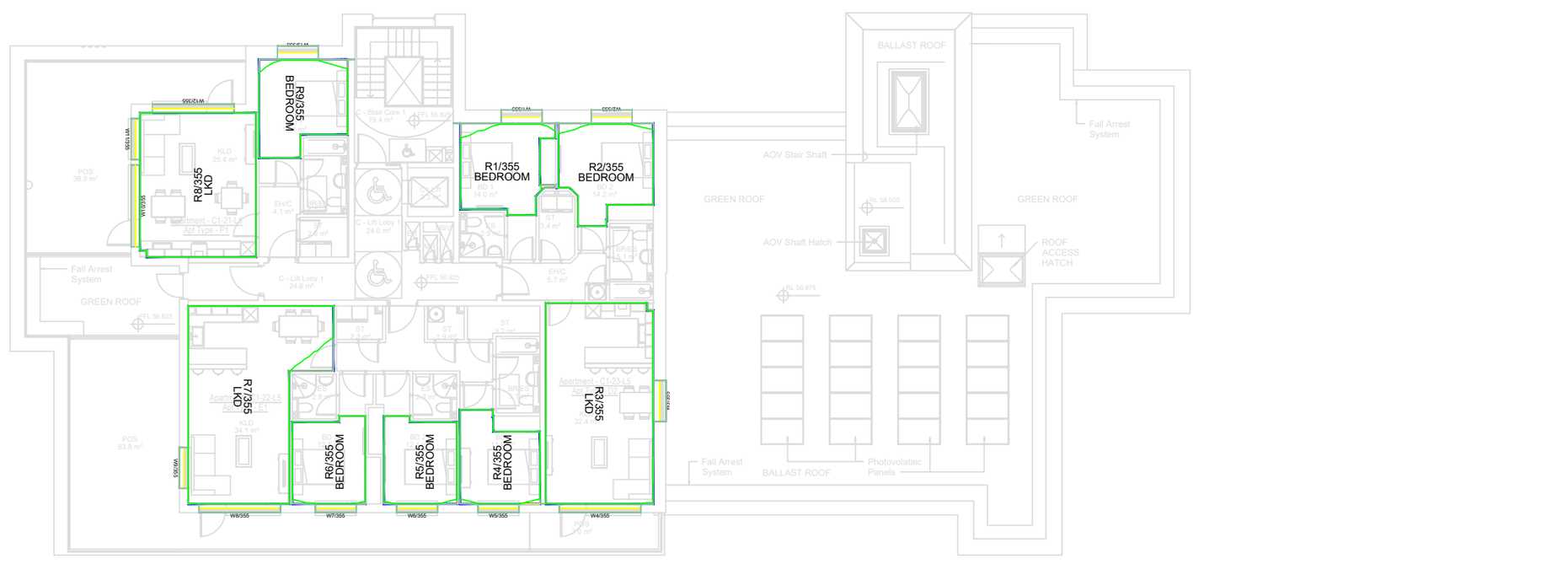
Project No.	Drawing No.	Revision
HA163_07	BRE_19	-

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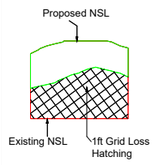


4TH FLOOR



5TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name: Hartfield Place, Dublin

Drawing Title: NO SKYLINE CONTOURS

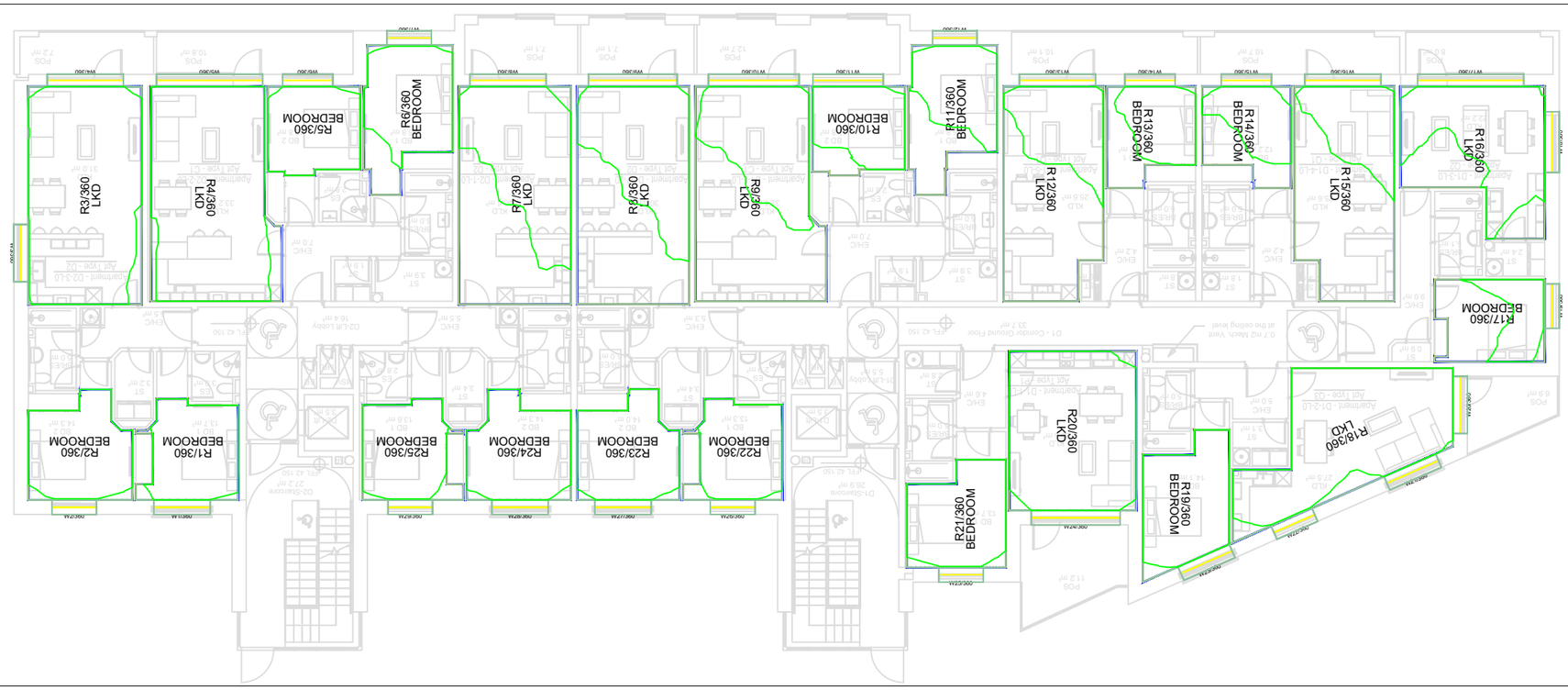
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	BRE_20	-

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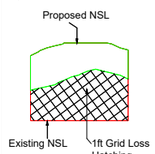


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	BRE_21	-

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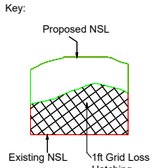


2ND FLOOR



3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

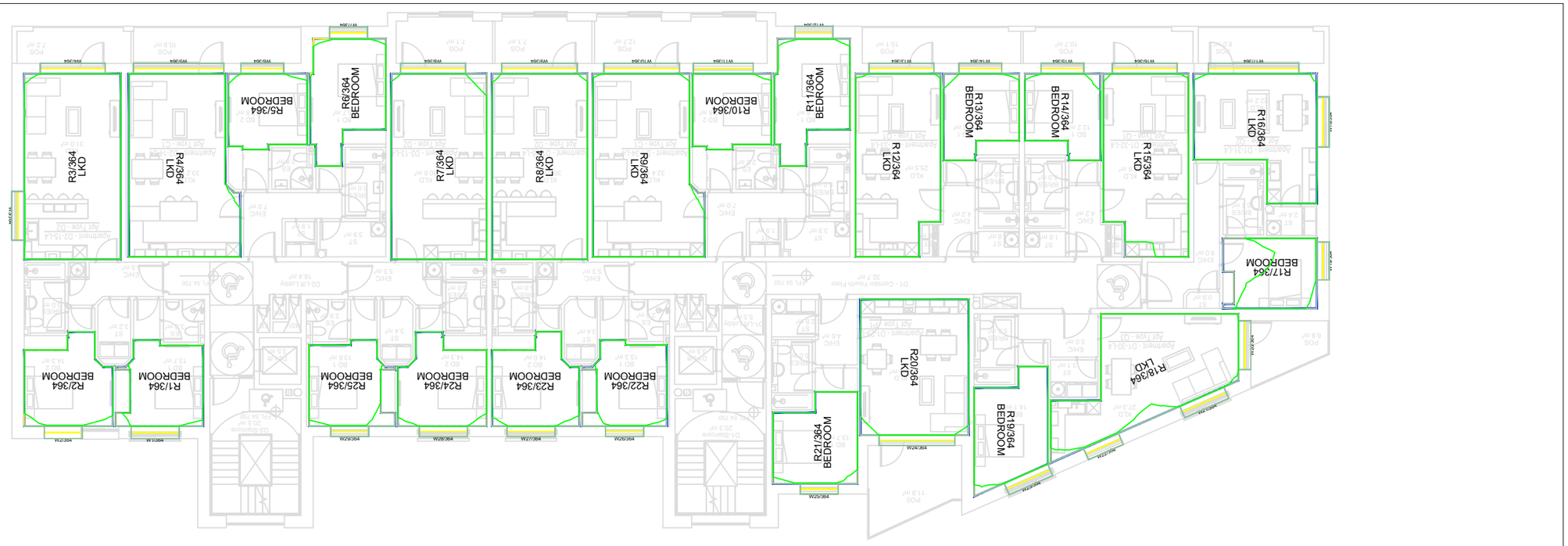
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BLOCK D

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	BRE_22	-

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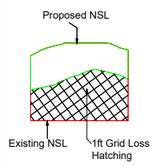


4TH FLOOR



5TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

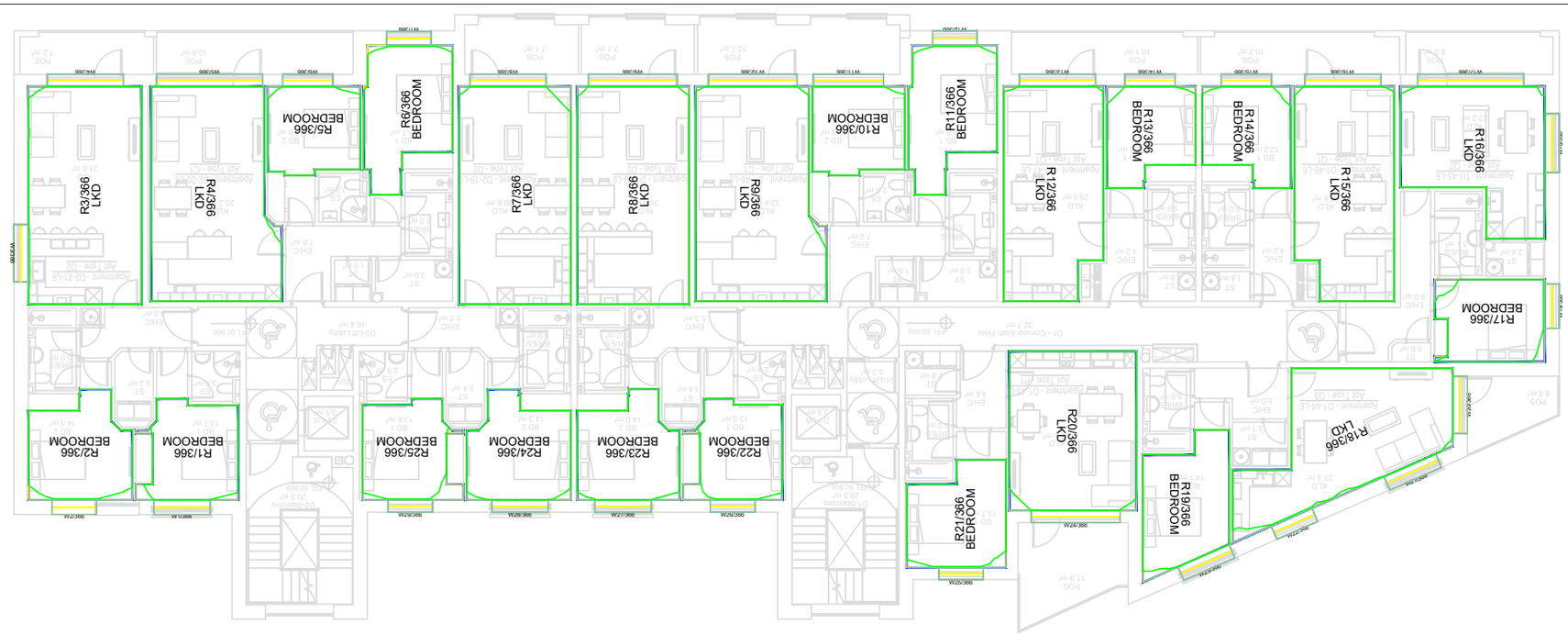
Drawing Title
NO SKYLINE CONTOURS
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	BRE_23	-

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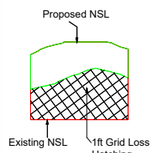


6TH FLOOR



7TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

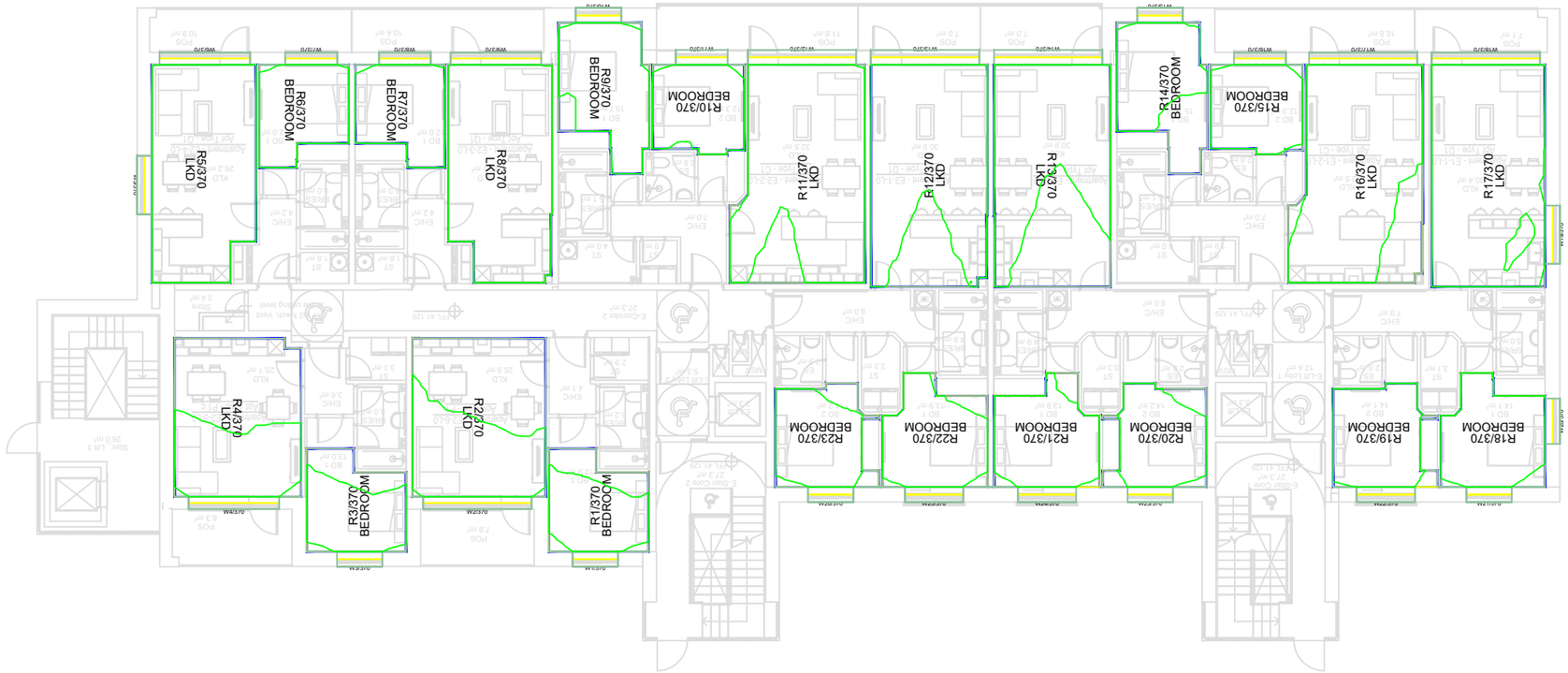
Drawing Title
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BLOCK D

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

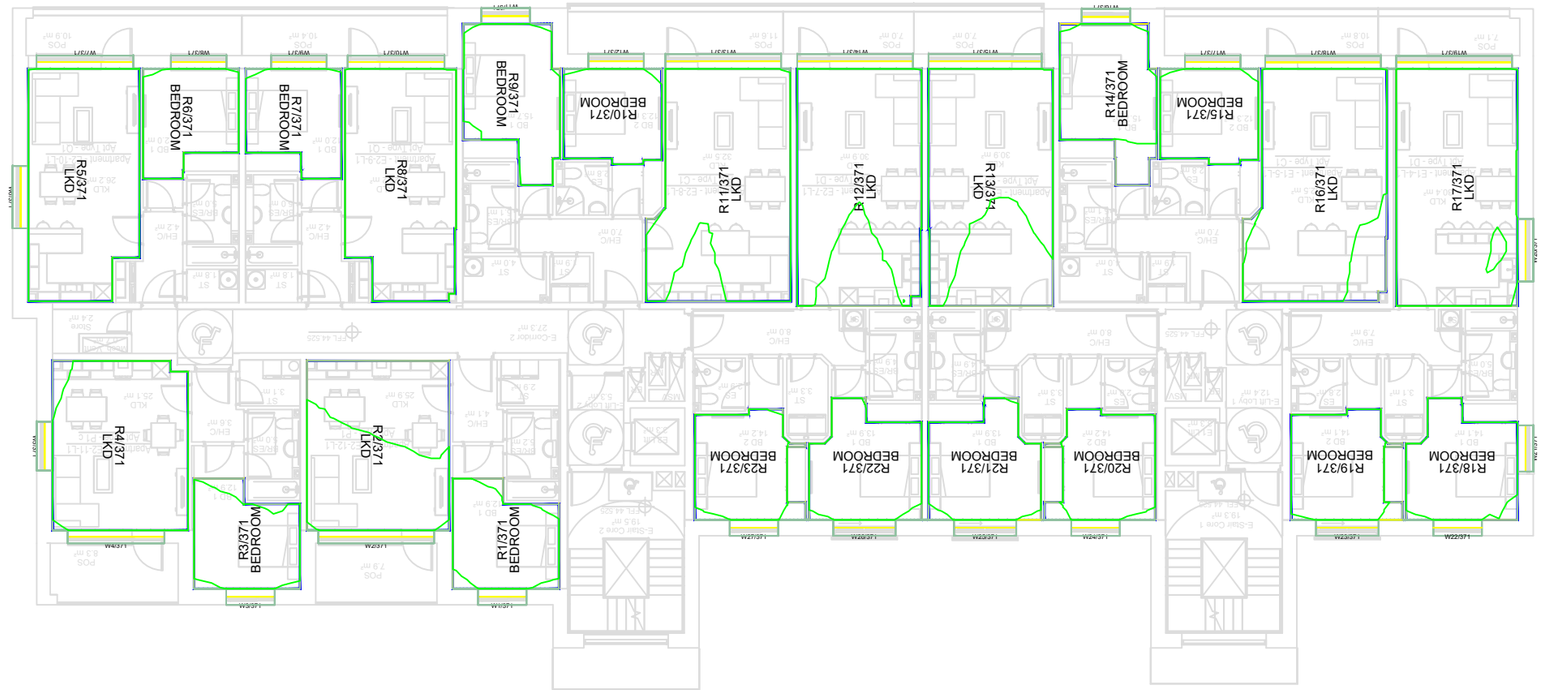
Project No.	Drawing No.	Revision
HA163_07	BRE_24	-

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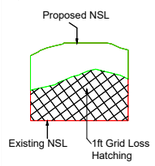


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

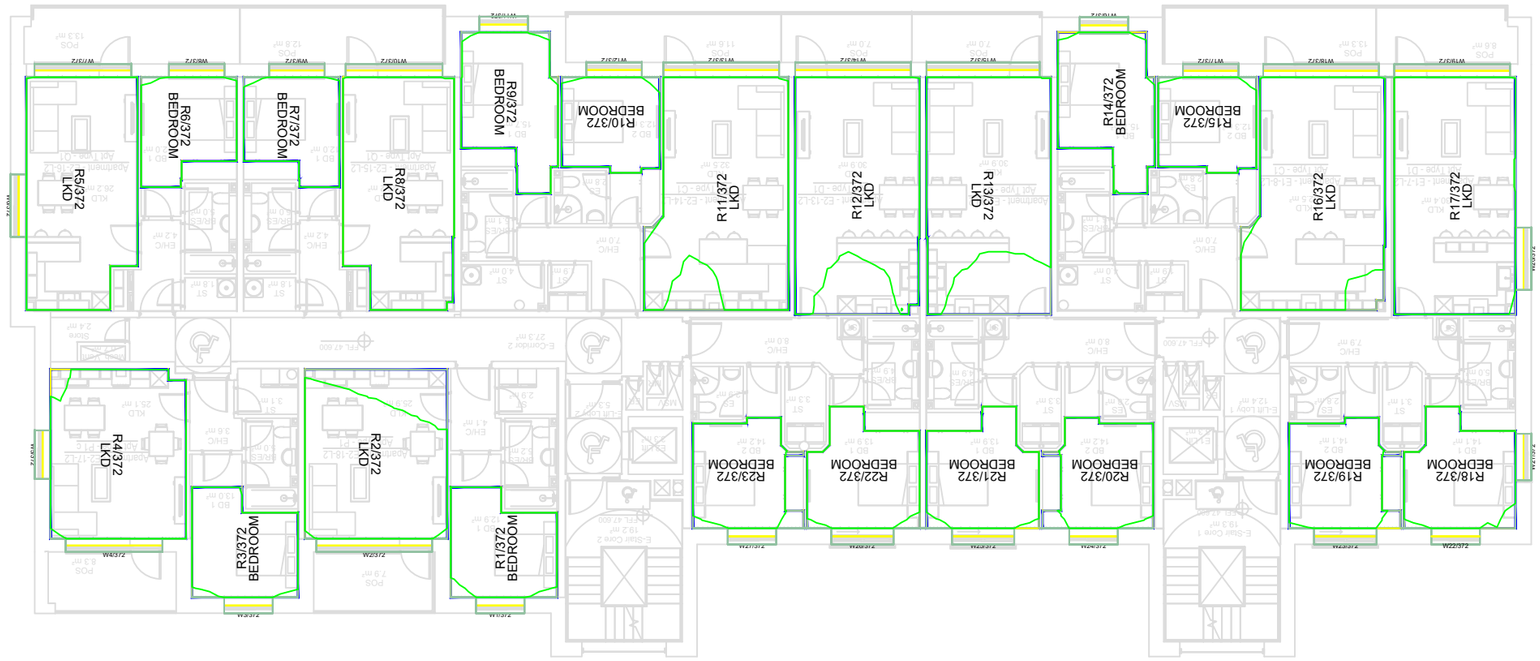
Drawing Title
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BLOCK E

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	BRE_25	-

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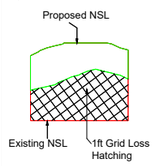


2ND FLOOR



3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

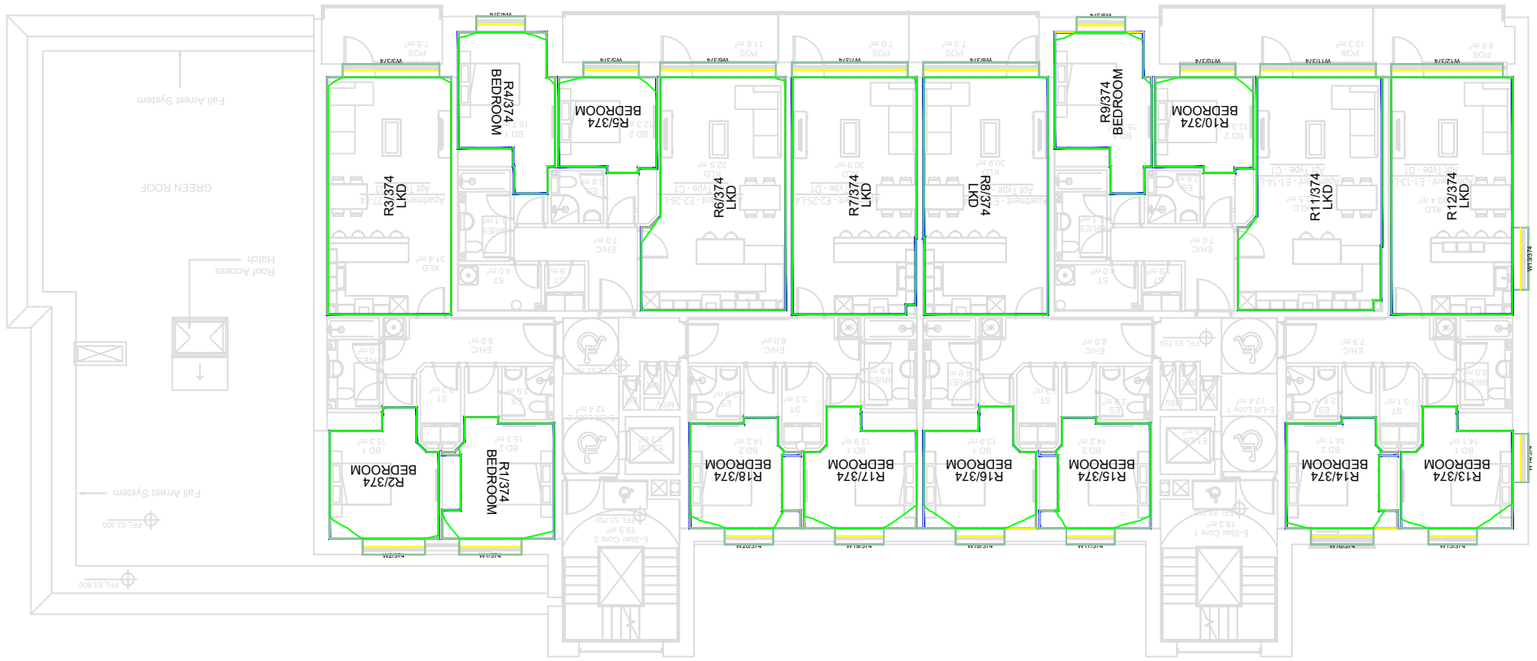
Drawing Title
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BLOCK E

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

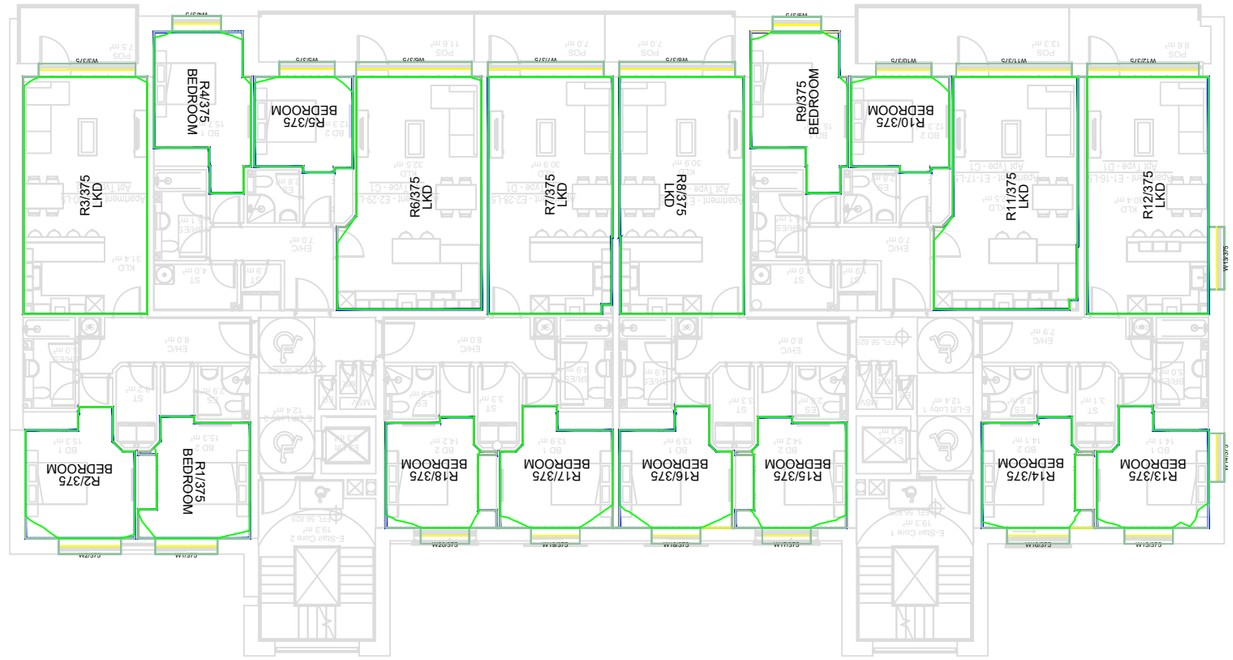
Project No.	Drawing No.	Revision
HA163_07	BRE_26	-

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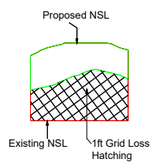


4TH FLOOR



5TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

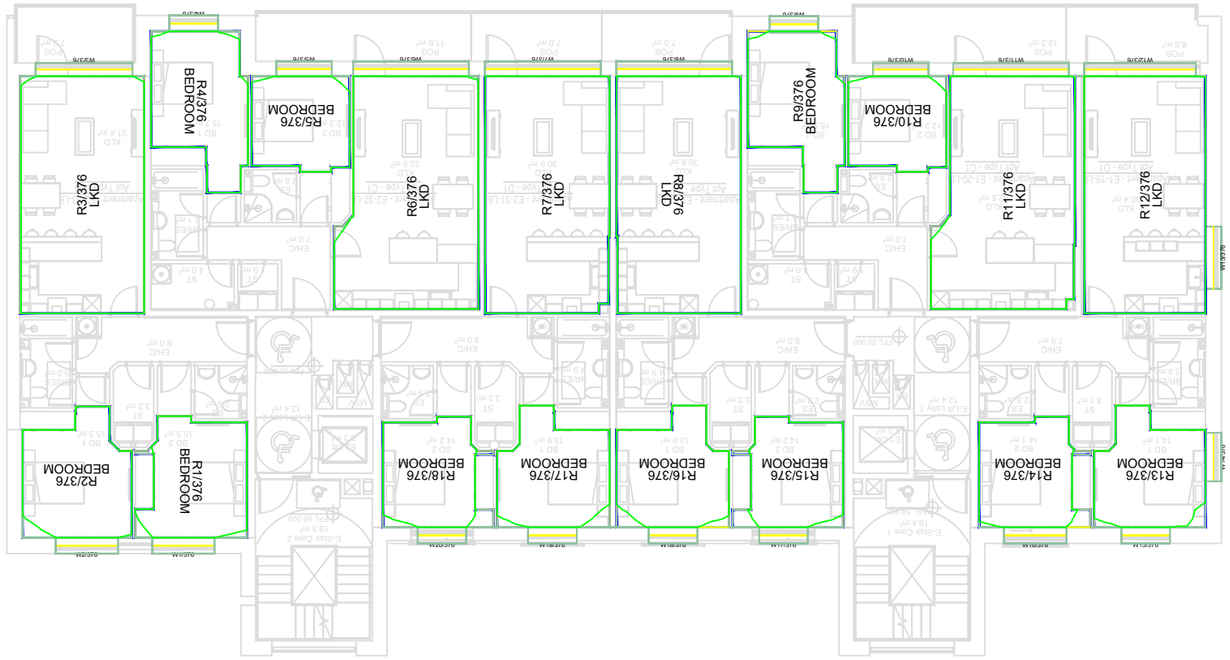
Drawing Title
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BLOCK E

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	BRE_27	-

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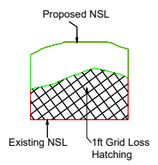


6TH FLOOR



7TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

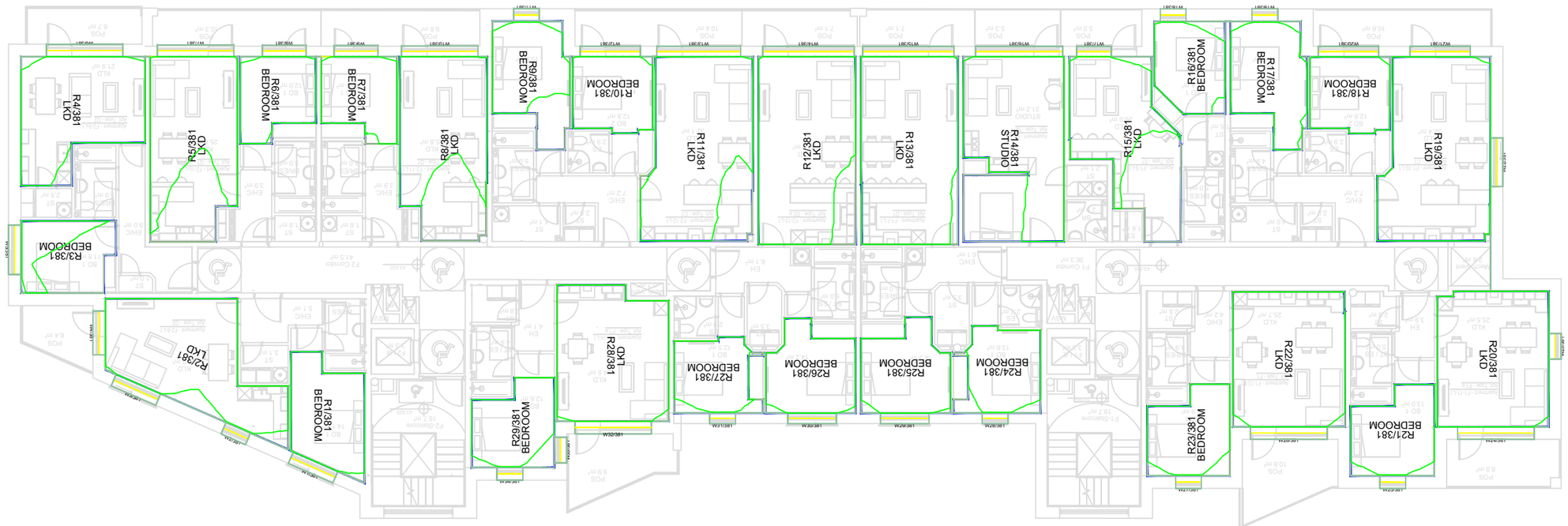
Project No.	Drawing No.	Revision
HA163_07	BRE_28	-

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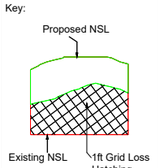


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK F

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	BRE_29	-

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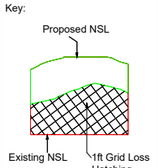


2ND FLOOR



3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

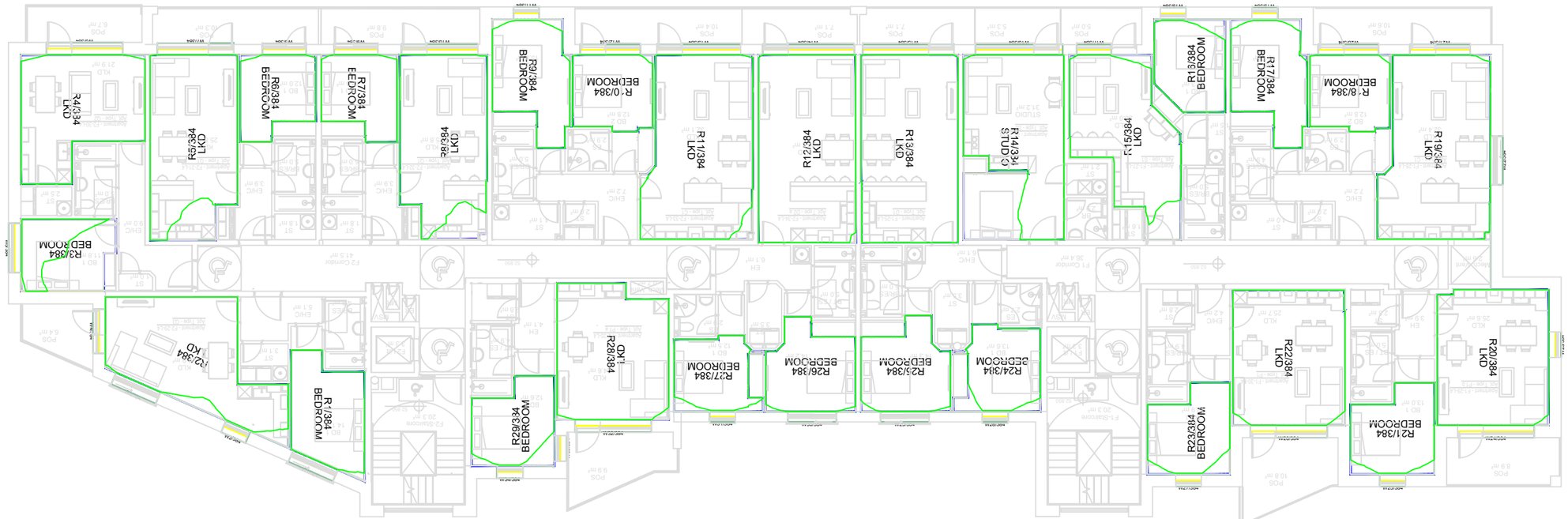
Drawing Title
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Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

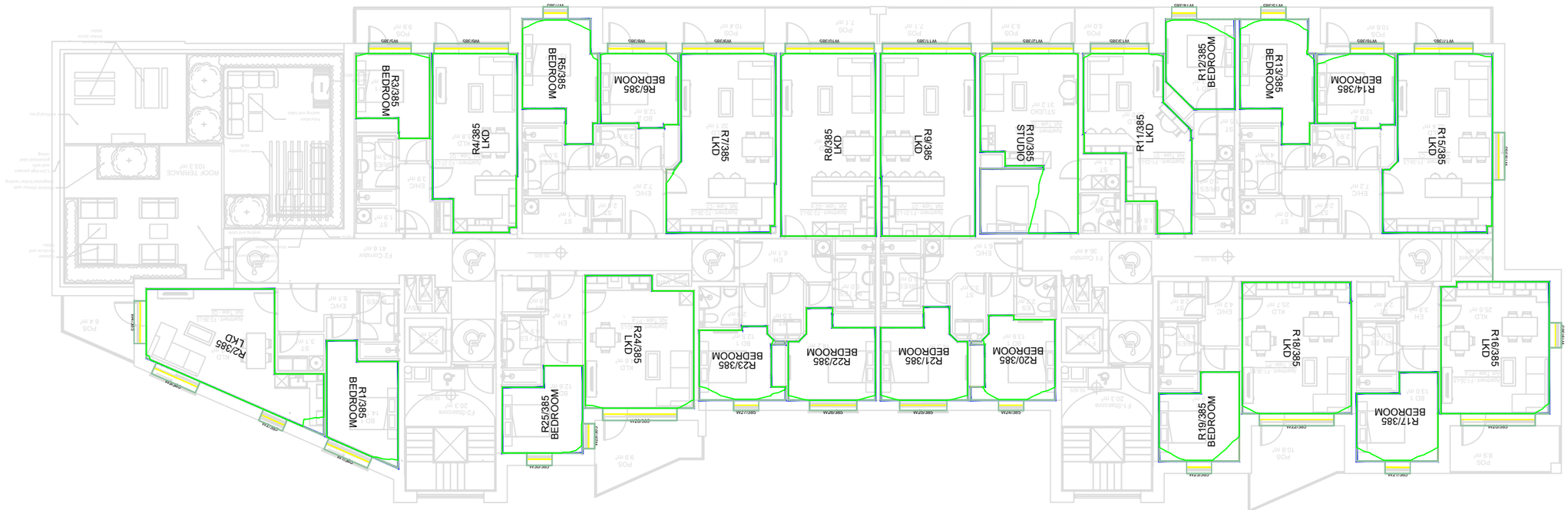
Project No.	Drawing No.	Revision
HA163_07	BRE_30	-

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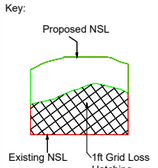


4TH FLOOR



5TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

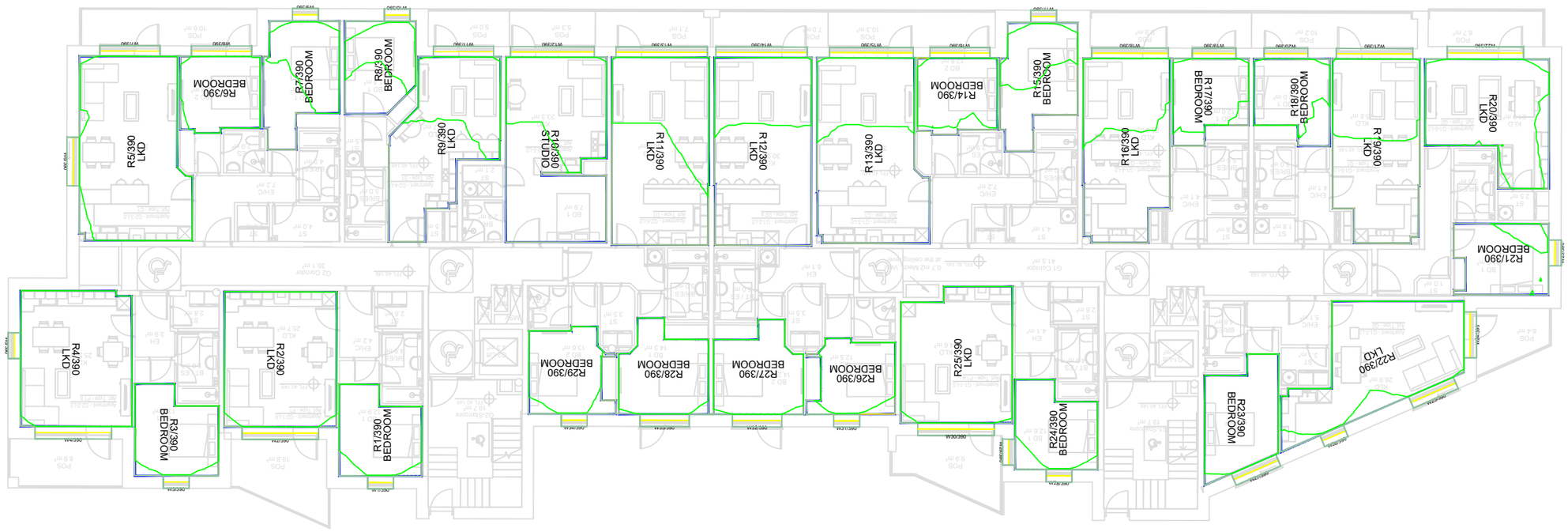
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Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

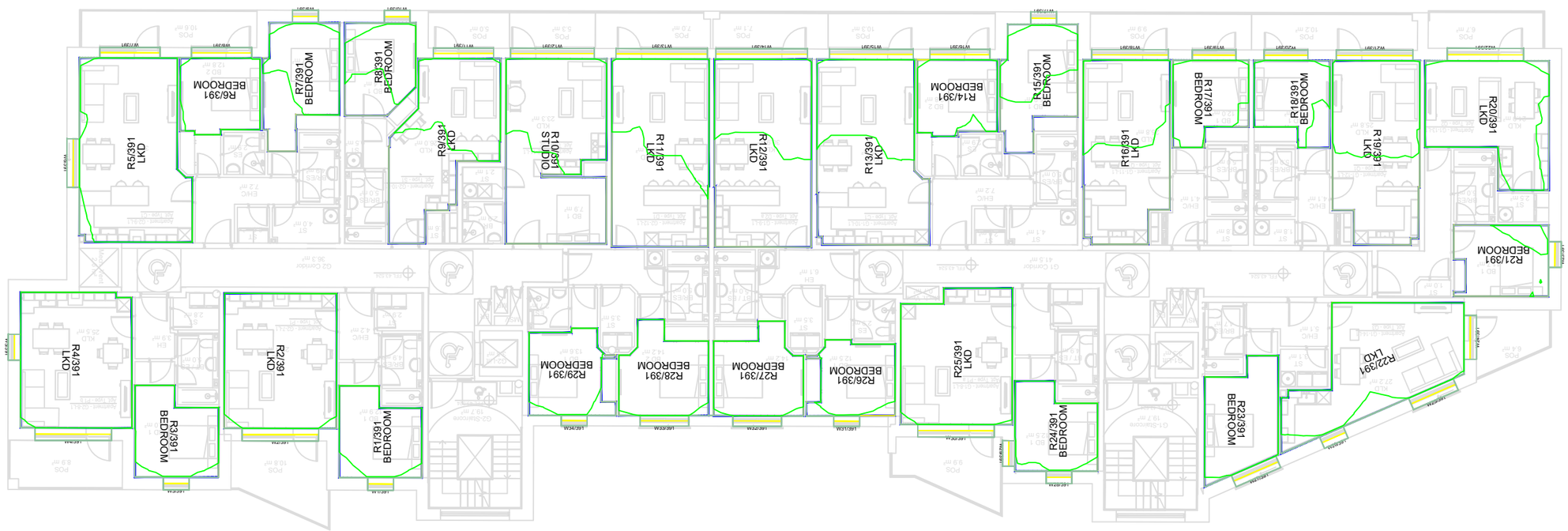
Project No.	Drawing No.	Revision
HA163_07	BRE_31	-

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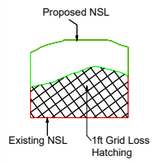


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

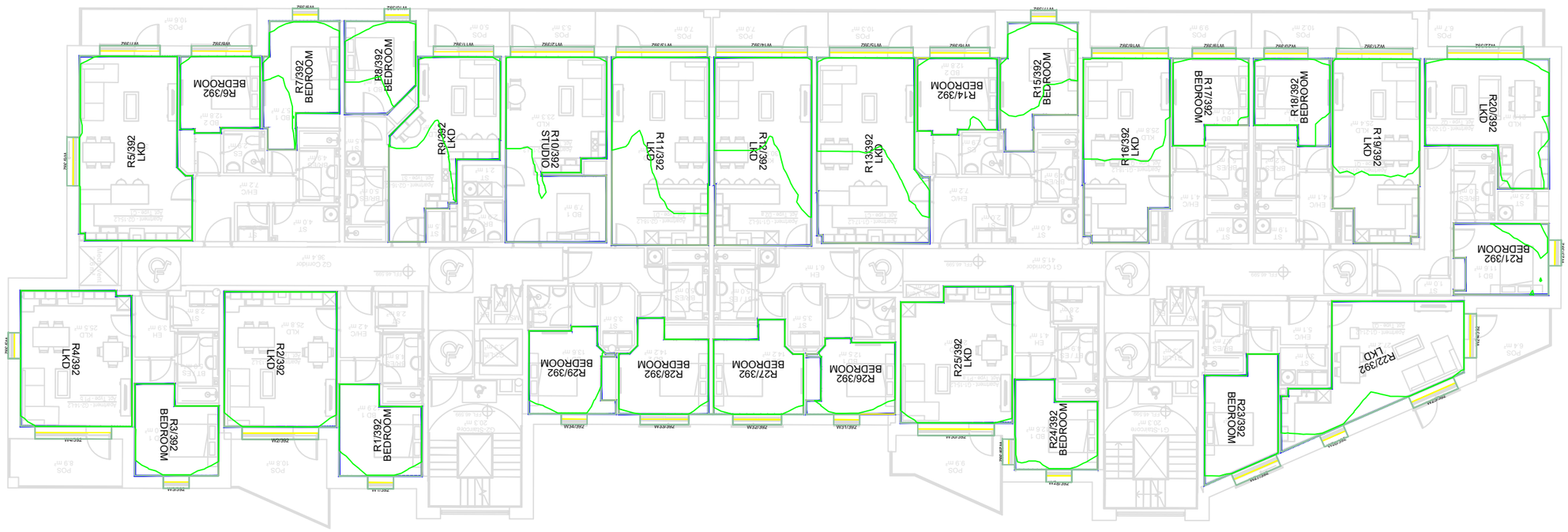
Drawing Title
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BLOCK G

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

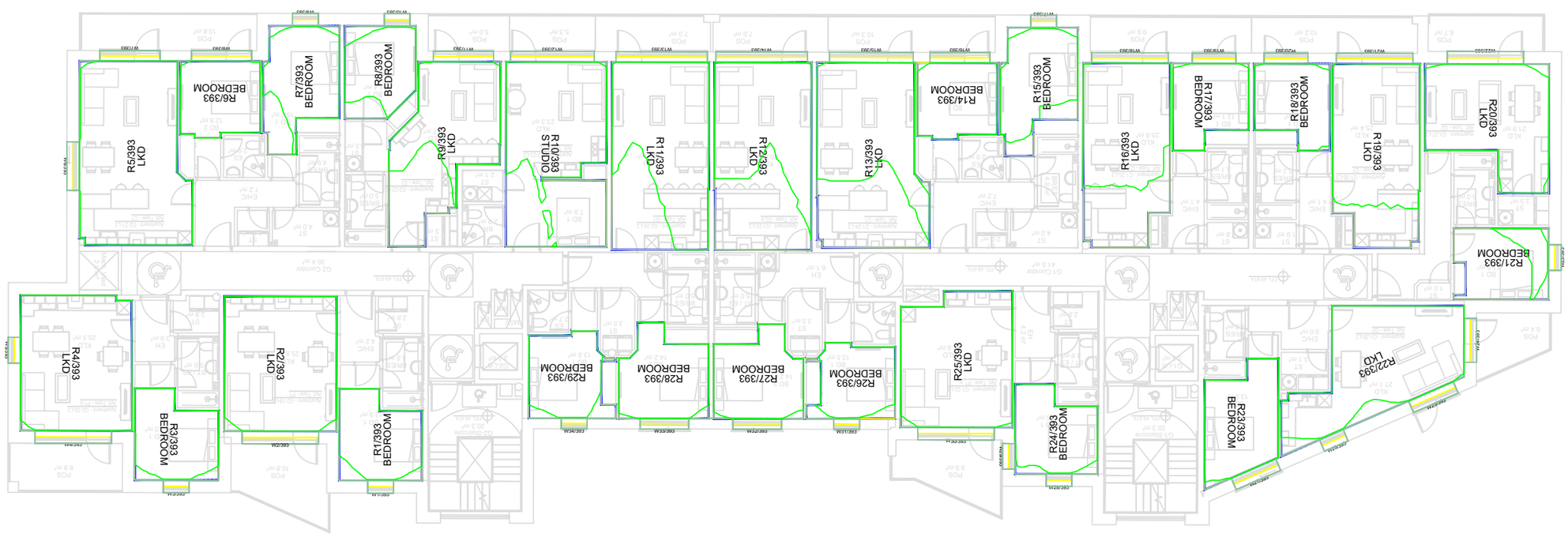
Project No.	Drawing No.	Revision
HA163_07	BRE_32	-

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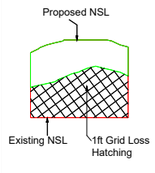


2ND FLOOR



3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	BRE_33	-

AVISON YOUNG
65 Gresham Street, London, EC2V 7NQ
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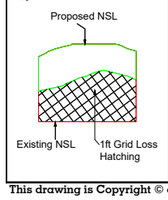


4TH FLOOR



5TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/200	11 Feb 2022

Project No.	Drawing No.	Revision
HA163_07	BRE_34	-

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HARTFIELD PLACE DUBLIN
11-Feb-22
JOB 07 - AMENITY RESULTS

					Daylight Distribution			%Sun		
Room/Floor	Room Use	Window	%VSC	%ADF	Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
Block A										
1st Floor										
R1/101	BEDROOM	W1/101	27.72	2.19	124.50	116.40	93.49%	N/A	N/A	N/A
R2/101	BEDROOM	W2/101	34.62	2.70	128.30	120.70	94.08%	N/A	N/A	N/A
R3/101	LKD	W3/101	5.52	1.22	337.00	268.60	79.70%	0	5	5
R4/101	STUDIO	W4/101	3.97	0.88	339.90	199.80	58.78%	2	5	7
R5/101	LKD	W5/101	1.32	0.44	225.50	85.10	37.74%	0	0	0
R6/101	BEDROOM	W6/101	20.72	1.69	112.70	50.00	44.37%	18	2	20
R7/101	LKD	W7/101	24.72	4.72	336.70	335.20	99.55%	24	6	30
		W8/101	27.85					25	8	33
		W9/101	23.15					13	3	16
R8/101	BEDROOM	W10/101	15.70	1.68	121.20	114.20	94.22%	N/A	N/A	N/A
R9/101	BEDROOM	W11/101	37.88	2.19	157.90	154.90	98.10%	N/A	N/A	N/A
R10/101	LKD	W12/101	37.96	2.63	383.00	378.40	98.80%	N/A	N/A	N/A
		W13/101	16.78					N/A	N/A	N/A
R11/101	BEDROOM	W14/101	38.73	2.79	124.00	119.80	96.61%	N/A	N/A	N/A
R12/101	BEDROOM	W15/101	35.00	2.23	156.10	151.40	96.99%	N/A	N/A	N/A
2nd Floor										
R1/102	BEDROOM	W1/102	27.78	2.19	124.50	116.40	93.49%	N/A	N/A	N/A
R2/102	BEDROOM	W2/102	34.78	2.70	128.30	120.70	94.08%	N/A	N/A	N/A
R3/102	LKD	W3/102	7.64	1.32	337.00	268.60	79.70%	0	5	5
R4/102	STUDIO	W4/102	6.25	0.98	339.90	199.80	58.78%	2	5	7
R5/102	LKD	W5/102	3.89	0.57	225.50	85.50	37.92%	0	0	0
R6/102	BEDROOM	W6/102	25.23	2.08	112.70	59.80	53.06%	23	5	28
R7/102	LKD	W7/102	28.50	5.14	336.70	335.20	99.55%	27	9	36
		W8/102	31.07					27	11	38
		W9/102	24.64					14	3	17
R8/102	BEDROOM	W10/102	16.90	1.77	121.20	114.20	94.22%	N/A	N/A	N/A
R9/102	BEDROOM	W11/102	39.24	2.27	157.90	154.90	98.10%	N/A	N/A	N/A
R10/102	LKD	W12/102	39.24	2.75	383.00	378.40	98.80%	N/A	N/A	N/A
		W13/102	17.84					N/A	N/A	N/A
R11/102	BEDROOM	W14/102	38.99	2.80	124.00	119.80	96.61%	N/A	N/A	N/A
R12/102	BEDROOM	W15/102	35.23	2.24	156.10	151.40	96.99%	N/A	N/A	N/A
3rd Floor										
R1/103	BEDROOM	W1/103	27.88	2.19	124.50	116.40	93.49%	N/A	N/A	N/A
R2/103	BEDROOM	W2/103	34.97	2.70	128.30	120.70	94.08%	N/A	N/A	N/A
R3/103	LKD	W3/103	10.43	1.51	337.00	276.90	82.17%	3	7	10
R4/103	STUDIO	W4/103	9.52	1.15	339.90	208.90	61.46%	2	7	9
R5/103	LKD	W5/103	7.92	0.87	225.50	122.30	54.24%	0	4	4
R6/103	BEDROOM	W6/103	30.04	2.47	112.70	94.60	83.94%	23	11	34
R7/103	LKD	W7/103	32.31	5.45	336.70	335.20	99.55%	27	16	43
		W8/103	34.02					27	17	44
		W9/103	25.20					14	3	17
R8/103	BEDROOM	W10/103	17.20	1.80	121.20	114.20	94.22%	N/A	N/A	N/A
R9/103	BEDROOM	W11/103	39.62	2.29	157.90	154.90	98.10%	N/A	N/A	N/A
R10/103	LKD	W12/103	39.62	2.79	383.00	378.40	98.80%	N/A	N/A	N/A
		W13/103	18.30					N/A	N/A	N/A
R11/103	BEDROOM	W14/103	39.10	2.81	124.00	119.80	96.61%	N/A	N/A	N/A
R12/103	BEDROOM	W15/103	35.32	2.25	156.10	151.40	96.99%	N/A	N/A	N/A
4th Floor										
R1/104	BEDROOM	W1/104	28.09	2.39	115.20	107.10	92.97%	N/A	N/A	N/A
R2/104	BEDROOM	W2/104	35.32	2.70	128.30	120.70	94.08%	N/A	N/A	N/A
R3/104	LKD	W3/104	12.67	1.82	337.00	313.90	93.15%	3	11	14
R4/104	STUDIO	W4/104	12.18	1.47	339.90	242.10	71.23%	2	10	12
R5/104	LKD	W5/104	11.50	1.41	225.50	223.20	98.98%	0	10	10

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R6/104	BEDROOM	W6/104	34.62	2.83	112.70	109.40	97.07%	23	20	43
R7/104	LKD	W7/104	35.91	6.74	336.70	335.30	99.58%	27	23	50
		W8/104	36.62					27	24	51
		W9/104	39.18					20	3	23
R8/104	BEDROOM	W10/104	33.01	2.51	121.20	114.60	94.55%	N/A	N/A	N/A
R9/104	BEDROOM	W11/104	39.62	2.29	157.90	154.90	98.10%	N/A	N/A	N/A
R10/104	LKD	W12/104	39.62	2.79	383.00	378.40	98.80%	N/A	N/A	N/A
		W13/104	18.30					N/A	N/A	N/A
R11/104	BEDROOM	W14/104	39.13	2.81	124.00	119.80	96.61%	N/A	N/A	N/A
R12/104	BEDROOM	W15/104	35.34	2.25	156.10	151.40	96.99%	N/A	N/A	N/A
5th Floor										
R1/105	BEDROOM	W1/105	28.69	2.39	115.20	107.20	93.06%	N/A	N/A	N/A
R2/105	BEDROOM	W2/105	36.23	2.70	128.40	121.10	94.31%	N/A	N/A	N/A
R3/105	LKD	W3/105	34.93	3.35	337.80	337.40	99.88%	42	19	61
R4/105	STUDIO	W4/105	37.21	3.24	340.10	260.20	76.51%	44	25	69
R5/105	LKD	W5/105	32.64	2.93	252.20	251.00	99.52%	31	25	56
R6/105	BEDROOM	W6/105	38.26	7.33	112.10	111.10	99.11%	23	22	45
		W7/105	39.61					17	1	18
1st Floor										
R1/201	BEDROOM	W1/201	36.08	2.95	111.60	107.30	96.15%	N/A	N/A	N/A
R2/201	BEDROOM	W2/201	38.92	3.54	95.20	92.70	97.37%	N/A	N/A	N/A
R3/201	BEDROOM	W3/201	39.25	3.47	97.70	95.50	97.75%	N/A	N/A	N/A
R4/201	LKD	W4/201	15.93	2.38	361.90	357.60	98.81%	8	9	17
		W5/201	10.65					6	4	10
R5/201	BEDROOM	W6/201	36.86	2.22	153.90	151.20	98.25%	26	12	38
R6/201	BEDROOM	W7/201	11.44	1.99	109.90	105.80	96.27%	6	6	12
R7/201	LKD	W8/201	17.75	3.33	336.40	336.30	99.97%	14	5	19
		W9/201	21.65					13	8	21
		W10/201	22.53					16	7	23
R8/201	LKD	W11/201	6.02	1.13	277.60	277.40	99.93%	0	4	4
R9/201	BEDROOM	W12/201	4.97	1.28	105.90	102.70	96.98%	0	4	4
R10/201	BEDROOM	W13/201	5.48	1.39	105.90	102.60	96.88%	0	5	5
R11/201	LKD	W14/201	8.08	1.34	279.30	279.00	99.89%	0	10	10
R12/201	LKD	W15/201	6.83	1.31	331.90	331.40	99.85%	0	9	9
R13/201	BEDROOM	W16/201	34.62	3.51	128.50	122.70	95.49%	N/A	N/A	N/A
R14/201	BEDROOM	W17/201	28.38	2.89	124.70	119.40	95.75%	N/A	N/A	N/A
2nd Floor										
R1/202	BEDROOM	W1/202	36.12	2.95	111.60	107.30	96.15%	N/A	N/A	N/A
R2/202	BEDROOM	W2/202	39.03	3.54	95.20	92.70	97.37%	N/A	N/A	N/A
R3/202	BEDROOM	W3/202	39.36	3.48	97.70	95.50	97.75%	N/A	N/A	N/A
R4/202	LKD	W4/202	16.41	2.45	361.90	357.70	98.84%	8	9	17
		W5/202	11.08					6	4	10
R5/202	BEDROOM	W6/202	37.56	2.25	153.90	151.20	98.25%	26	12	38
R6/202	BEDROOM	W7/202	11.98	2.07	109.90	105.80	96.27%	6	6	12
R7/202	LKD	W8/202	18.28	3.57	336.40	336.30	99.97%	14	5	19
		W9/202	24.42					18	9	27
		W10/202	25.28					19	9	28
R8/202	LKD	W11/202	7.44	1.25	277.60	277.40	99.93%	1	4	5
R9/202	BEDROOM	W12/202	5.61	1.38	105.90	102.80	97.07%	0	4	4
R10/202	BEDROOM	W13/202	6.06	1.47	105.90	103.60	97.83%	0	5	5
R11/202	LKD	W14/202	9.97	1.46	279.30	279.20	99.96%	0	10	10
R12/202	LKD	W15/202	8.45	1.41	331.90	331.80	99.97%	0	9	9
R13/202	BEDROOM	W16/202	34.83	3.52	128.50	122.70	95.49%	N/A	N/A	N/A
R14/202	BEDROOM	W17/202	28.57	2.90	124.70	119.40	95.75%	N/A	N/A	N/A
3rd Floor										
R1/203	BEDROOM	W1/203	36.14	2.95	111.60	107.30	96.15%	N/A	N/A	N/A
R2/203	BEDROOM	W2/203	39.08	3.54	95.20	92.70	97.37%	N/A	N/A	N/A
R3/203	BEDROOM	W3/203	39.42	3.48	97.70	95.50	97.75%	N/A	N/A	N/A
R4/203	LKD	W4/203	16.86	2.51	361.90	357.70	98.84%	8	10	18
		W5/203	11.48					6	5	11
R5/203	BEDROOM	W6/203	38.21	2.28	153.90	151.20	98.25%	26	13	39
R6/203	BEDROOM	W7/203	12.48	2.14	109.90	105.80	96.27%	6	8	14

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R7/203	LKD	W8/203	18.79	3.83	336.40	336.30	99.97%	14	7	21
		W9/203	27.72					23	9	32
		W10/203	28.49					22	10	32
R8/203	LKD	W11/203	9.88	1.40	277.60	277.40	99.93%	2	6	8
R9/203	BEDROOM	W12/203	6.99	1.51	105.90	102.80	97.07%	1	4	5
R10/203	BEDROOM	W13/203	7.59	1.58	105.90	104.30	98.49%	0	5	5
R11/203	LKD	W14/203	12.74	1.60	279.30	279.20	99.96%	2	10	12
R12/203	LKD	W15/203	10.93	1.54	331.90	331.80	99.97%	0	10	10
R13/203	BEDROOM	W16/203	35.03	3.52	128.50	122.70	95.49%	N/A	N/A	N/A
R14/203	BEDROOM	W17/203	28.73	2.91	124.70	119.40	95.75%	N/A	N/A	N/A
4th Floor										
R1/204	BEDROOM	W1/204	36.14	2.95	111.60	107.30	96.15%	N/A	N/A	N/A
R2/204	BEDROOM	W2/204	39.09	3.54	95.20	92.70	97.37%	N/A	N/A	N/A
R3/204	BEDROOM	W3/204	39.43	3.48	97.70	95.50	97.75%	N/A	N/A	N/A
R4/204	LKD	W4/204	17.29	2.56	361.90	357.70	98.84%	8	10	18
		W5/204	11.86					6	5	11
R5/204	BEDROOM	W6/204	38.82	2.31	153.90	151.20	98.25%	26	13	39
R6/204	BEDROOM	W7/204	12.97	2.20	109.90	106.20	96.63%	6	8	14
R7/204	LKD	W8/204	19.26	4.09	336.40	336.30	99.97%	14	7	21
		W9/204	31.37					23	14	37
		W10/204	31.92					23	14	37
R8/204	LKD	W11/204	12.50	1.62	277.60	277.40	99.93%	3	10	13
R9/204	BEDROOM	W12/204	9.23	1.75	105.90	103.50	97.73%	1	8	9
R10/204	BEDROOM	W13/204	9.87	1.85	105.90	104.30	98.49%	1	7	8
R11/204	LKD	W14/204	15.46	1.88	279.30	279.20	99.96%	3	13	16
R12/204	LKD	W15/204	13.22	1.78	331.90	331.80	99.97%	0	12	12
R13/204	BEDROOM	W16/204	35.27	3.52	128.50	122.70	95.49%	N/A	N/A	N/A
R14/204	BEDROOM	W17/204	28.89	2.91	124.70	119.40	95.75%	N/A	N/A	N/A
5th Floor										
R1/205	BEDROOM	W1/205	36.16	2.95	111.60	107.30	96.15%	N/A	N/A	N/A
R2/205	BEDROOM	W2/205	39.12	3.54	95.20	92.70	97.37%	N/A	N/A	N/A
R3/205	BEDROOM	W3/205	39.45	3.48	97.70	95.50	97.75%	N/A	N/A	N/A
R4/205	LKD	W4/205	17.68	2.61	361.90	357.90	98.89%	8	10	18
		W5/205	12.14					6	5	11
R5/205	BEDROOM	W6/205	39.31	2.33	153.90	151.20	98.25%	26	13	39
R6/205	BEDROOM	W7/205	13.38	2.25	109.90	106.30	96.72%	6	8	14
R7/205	LKD	W8/205	19.67	4.33	336.40	336.30	99.97%	14	7	21
		W9/205	34.77					23	18	41
		W10/205	35.18					23	18	41
R8/205	LKD	W11/205	14.99	1.88	277.60	277.40	99.93%	3	13	16
R9/205	BEDROOM	W12/205	11.65	2.08	105.90	103.60	97.83%	1	10	11
R10/205	BEDROOM	W13/205	12.16	2.14	105.90	104.30	98.49%	1	12	13
R11/205	LKD	W14/205	17.88	2.12	279.30	279.20	99.96%	3	16	19
R12/205	LKD	W15/205	15.31	1.99	331.90	331.80	99.97%	0	15	15
R13/205	BEDROOM	W16/205	35.71	3.52	128.50	122.90	95.64%	N/A	N/A	N/A
R14/205	BEDROOM	W17/205	29.17	2.91	124.70	119.40	95.75%	N/A	N/A	N/A
6th Floor										
R1/206	BEDROOM	W1/206	36.22	2.95	111.60	107.30	96.15%	N/A	N/A	N/A
R2/206	BEDROOM	W2/206	39.19	3.54	95.20	92.70	97.37%	N/A	N/A	N/A
R3/206	BEDROOM	W3/206	39.49	3.48	97.70	95.50	97.75%	N/A	N/A	N/A
R4/206	LKD	W4/206	17.71	2.61	361.90	357.90	98.89%	8	10	18
		W5/206	12.15					6	5	11
R5/206	BEDROOM	W6/206	39.46	2.33	153.90	151.20	98.25%	26	13	39
R6/206	BEDROOM	W7/206	13.51	2.26	109.90	106.30	96.72%	6	8	14
R7/206	LKD	W8/206	19.68	4.50	336.40	336.30	99.97%	14	7	21
		W9/206	37.53					23	22	45
		W10/206	37.74					23	22	45
R8/206	LKD	W11/206	18.95	2.19	277.60	277.40	99.93%	4	16	20

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R9/206	BEDROOM	W12/206	15.37	2.45	105.90	103.60	97.83%	1	15	16
R10/206	BEDROOM	W13/206	16.12	2.52	105.90	104.30	98.49%	3	15	18
R11/206	LKD	W14/206	35.34	3.70	279.30	279.20	99.96%	37	21	58
R12/206	LKD	W15/206	38.86	4.29	331.90	331.80	99.97%	46	25	71
R13/206	BEDROOM	W16/206	36.55	3.52	128.50	123.30	95.95%	N/A	N/A	N/A
R14/206	BEDROOM	W17/206	29.77	2.91	124.70	119.80	96.07%	N/A	N/A	N/A
7th Floor										
R1/207	BEDROOM	W1/207	36.64	2.95	111.60	107.30	96.15%	N/A	N/A	N/A
R2/207	BEDROOM	W2/207	39.37	3.54	95.20	92.70	97.37%	N/A	N/A	N/A
R3/207	BEDROOM	W3/207	39.56	3.48	97.70	95.50	97.75%	N/A	N/A	N/A
R4/207	LKD	W4/207	23.21	3.33	362.70	359.10	99.01%	16	13	29
		W5/207	19.01					14	7	21
R5/207	BEDROOM	W6/207	39.57	2.33	153.80	151.10	98.24%	26	13	39
R6/207	BEDROOM	W7/207	20.60	2.96	109.80	106.30	96.81%	12	12	24
R7/207	LKD	W8/207	24.94	5.14	335.60	335.50	99.97%	20	7	27
		W9/207	39.19					23	22	45
		W10/207	39.22					23	22	45
R8/207	BEDROOM	W11/207	33.72	4.36	115.00	113.60	98.78%	29	16	45
R9/207	BEDROOM	W12/207	38.95	4.60	99.30	97.60	98.29%	31	25	56
R10/207	LKD	W13/207	39.29	4.04	332.00	330.60	99.58%	41	25	66
		W14/207	39.48					17	1	18
Block B										
Gnd Floor										
R1/300	LKD	W1/300	16.59	1.88	349.10	345.60	99.00%	N/A	N/A	N/A
R2/300	BEDROOM	W2/300	19.49	3.41	103.80	100.60	96.92%	N/A	N/A	N/A
R3/300	BEDROOM	W3/300	34.80	2.10	145.30	142.30	97.94%	N/A	N/A	N/A
R4/300	BEDROOM	W4/300	35.34	2.69	114.30	111.80	97.81%	N/A	N/A	N/A
R5/300	LKD	W5/300	18.63	1.56	273.40	255.10	93.31%	N/A	N/A	N/A
R6/300	STUDIO	W6/300	21.20	1.98	326.60	252.10	77.19%	N/A	N/A	N/A
R7/300	LKD	W7/300	21.17	2.07	342.20	341.70	99.85%	N/A	N/A	N/A
R8/300	LKD	W8/300	21.09	2.07	342.20	341.60	99.82%	N/A	N/A	N/A
R9/300	STUDIO	W9/300	20.99	1.91	332.40	250.70	75.42%	N/A	N/A	N/A
R10/300	LKD	W10/300	18.34	1.73	252.20	250.80	99.44%	N/A	N/A	N/A
R11/300	BEDROOM	W11/300	34.96	2.66	113.90	111.60	97.98%	N/A	N/A	N/A
R12/300	LKD	W12/300	18.77	2.29	337.80	333.30	98.67%	N/A	N/A	N/A
		W13/300	11.63					N/A	N/A	N/A
R13/300	BEDROOM	W14/300	8.95	2.51	127.90	114.00	89.13%	0	0	0
		W15/300	16.71					17	2	19
R14/300	BEDROOM	W16/300	13.26	1.32	115.10	83.40	72.46%	10	0	10
R15/300	BEDROOM	W17/300	14.03	1.18	116.10	58.40	50.30%	10	3	13
R16/300	BEDROOM	W18/300	19.42	2.72	128.80	93.40	72.52%	19	3	22
R17/300	BEDROOM	W19/300	17.84	2.56	127.40	83.10	65.23%	15	3	18
R18/300	BEDROOM	W20/300	12.62	1.18	115.00	51.90	45.13%	8	0	8
R19/300	BEDROOM	W21/300	16.83	1.42	123.20	67.40	54.71%	14	7	21
R20/300	BEDROOM	W22/300	20.32	2.90	127.90	84.50	66.07%	18	7	25
R21/300	LKD	W23/300	13.62	2.42	326.20	239.00	73.27%	9	10	19
		W24/300	12.17					5	9	14
1st Floor										
R1/301	LKD	W1/301	16.16	1.88	349.10	345.60	99.00%	N/A	N/A	N/A
R2/301	BEDROOM	W2/301	19.06	3.46	103.80	100.60	96.92%	N/A	N/A	N/A
R3/301	BEDROOM	W3/301	36.73	2.32	145.30	142.30	97.94%	N/A	N/A	N/A
R4/301	BEDROOM	W4/301	37.26	2.99	114.30	111.00	97.11%	N/A	N/A	N/A
R5/301	LKD	W5/301	17.35	1.52	273.40	255.20	93.34%	N/A	N/A	N/A
R6/301	STUDIO	W6/301	18.34	1.81	326.60	252.20	77.22%	N/A	N/A	N/A
R7/301	LKD	W7/301	18.40	1.88	342.20	341.70	99.85%	N/A	N/A	N/A
R8/301	LKD	W8/301	18.39	1.88	342.20	341.60	99.82%	N/A	N/A	N/A
R9/301	STUDIO	W9/301	18.10	1.74	332.40	252.20	75.87%	N/A	N/A	N/A
R10/301	LKD	W10/301	17.10	1.69	252.20	250.80	99.44%	N/A	N/A	N/A
R11/301	BEDROOM	W11/301	37.00	2.96	113.90	111.60	97.98%	N/A	N/A	N/A
R12/301	LKD	W12/301	18.27	2.36	337.80	333.30	98.67%	N/A	N/A	N/A
		W13/301	14.10					N/A	N/A	N/A

AVISON YOUNG

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R13/301	BEDROOM	W14/301	11.31	3.20	127.90	117.90	92.18%	0	0	0
		W15/301	18.82					19	3	22
R14/301	BEDROOM	W16/301	14.86	1.49	115.10	85.90	74.63%	11	0	11
R15/301	BEDROOM	W17/301	16.17	1.53	116.10	68.20	58.74%	12	5	17
R16/301	BEDROOM	W18/301	21.40	3.25	128.80	100.20	77.80%	24	7	31
R17/301	BEDROOM	W19/301	20.35	3.11	127.40	93.20	73.16%	20	6	26
R18/301	BEDROOM	W20/301	14.46	1.50	115.00	63.70	55.39%	9	0	9
R19/301	BEDROOM	W21/301	18.55	1.63	123.20	79.40	64.45%	15	8	23
R20/301	BEDROOM	W22/301	22.69	3.33	127.90	99.70	77.95%	19	8	27
R21/301	LKD	W23/301	13.36	2.44	326.20	248.60	76.21%	6	11	17
		W24/301	13.39					5	11	16
2nd Floor										
R1/302	LKD	W1/302	17.12	1.97	349.10	345.60	99.00%	N/A	N/A	N/A
R2/302	BEDROOM	W2/302	20.16	3.61	103.80	100.60	96.92%	N/A	N/A	N/A
R3/302	BEDROOM	W3/302	38.21	2.40	145.30	142.30	97.94%	N/A	N/A	N/A
R4/302	BEDROOM	W4/302	38.71	3.09	114.30	111.00	97.11%	N/A	N/A	N/A
R5/302	LKD	W5/302	18.62	1.62	273.40	255.20	93.34%	N/A	N/A	N/A
R6/302	STUDIO	W6/302	19.71	1.93	326.60	252.20	77.22%	N/A	N/A	N/A
R7/302	LKD	W7/302	19.82	2.02	342.20	341.70	99.85%	N/A	N/A	N/A
R8/302	LKD	W8/302	19.82	2.02	342.20	341.60	99.82%	N/A	N/A	N/A
R9/302	STUDIO	W9/302	19.50	1.86	332.40	252.20	75.87%	N/A	N/A	N/A
R10/302	LKD	W10/302	18.47	1.81	252.20	250.80	99.44%	N/A	N/A	N/A
R11/302	BEDROOM	W11/302	38.59	3.08	113.90	111.60	97.98%	N/A	N/A	N/A
R12/302	LKD	W12/302	19.67	2.64	337.80	333.30	98.67%	N/A	N/A	N/A
		W13/302	17.34					N/A	N/A	N/A
R13/302	BEDROOM	W14/302	14.39	3.90	127.90	120.30	94.06%	0	0	0
		W15/302	21.05					20	4	24
R14/302	BEDROOM	W16/302	16.62	1.61	115.10	91.60	79.58%	12	0	12
R15/302	BEDROOM	W17/302	17.98	1.67	116.10	77.20	66.49%	14	7	21
R16/302	BEDROOM	W18/302	23.53	3.48	128.80	105.60	81.99%	26	8	34
R17/302	BEDROOM	W19/302	22.64	3.37	127.40	101.60	79.75%	21	8	29
R18/302	BEDROOM	W20/302	16.38	1.65	115.00	75.40	65.57%	10	0	10
R19/302	BEDROOM	W21/302	20.26	1.75	123.20	89.30	72.48%	17	9	26
R20/302	BEDROOM	W22/302	25.03	3.59	127.90	110.70	86.55%	22	9	31
R21/302	LKD	W23/302	15.59	2.76	326.20	260.90	79.98%	10	13	23
		W24/302	14.86					5	12	17
3rd Floor										
R1/303	LKD	W1/303	17.72	2.01	349.10	345.60	99.00%	N/A	N/A	N/A
R2/303	BEDROOM	W2/303	20.73	3.67	103.80	100.90	97.21%	N/A	N/A	N/A
R3/303	BEDROOM	W3/303	39.01	2.43	145.30	142.70	98.21%	N/A	N/A	N/A
R4/303	BEDROOM	W4/303	39.37	3.13	114.30	111.00	97.11%	N/A	N/A	N/A
R5/303	LKD	W5/303	19.25	1.67	273.40	255.20	93.34%	N/A	N/A	N/A
R6/303	STUDIO	W6/303	20.32	1.98	326.60	252.20	77.22%	N/A	N/A	N/A
R7/303	LKD	W7/303	20.51	2.08	342.20	341.70	99.85%	N/A	N/A	N/A
R8/303	LKD	W8/303	20.52	2.08	342.20	341.60	99.82%	N/A	N/A	N/A
R9/303	STUDIO	W9/303	20.31	1.92	332.40	252.20	75.87%	N/A	N/A	N/A
R10/303	LKD	W10/303	19.25	1.88	252.20	250.80	99.44%	N/A	N/A	N/A
R11/303	BEDROOM	W11/303	39.42	3.14	113.90	111.60	97.98%	N/A	N/A	N/A
R12/303	LKD	W12/303	20.50	2.89	337.80	333.30	98.67%	N/A	N/A	N/A
		W13/303	21.82					N/A	N/A	N/A
R13/303	BEDROOM	W14/303	18.66	4.62	127.90	123.50	96.56%	0	0	0
		W15/303	23.72					23	7	30
R14/303	BEDROOM	W16/303	18.71	1.74	115.10	100.80	87.58%	14	0	14
R15/303	BEDROOM	W17/303	20.04	1.83	116.10	93.20	80.28%	17	8	25
R16/303	BEDROOM	W18/303	26.02	3.74	128.80	114.20	88.66%	27	9	36
R17/303	BEDROOM	W19/303	25.27	3.65	127.40	111.60	87.60%	25	8	33
R18/303	BEDROOM	W20/303	18.56	1.80	115.00	94.50	82.17%	15	0	15
R19/303	BEDROOM	W21/303	22.09	1.87	123.20	101.00	81.98%	18	9	27
R20/303	BEDROOM	W22/303	27.78	3.85	127.90	123.00	96.17%	25	9	34
R21/303	LKD	W23/303	17.86	3.11	326.20	281.00	86.14%	11	14	25
		W24/303	17.18					8	12	20

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
4th Floor										
R1/304	LKD	W1/304	29.78	2.88	349.10	346.90	99.37%	N/A	N/A	N/A
R2/304	BEDROOM	W2/304	33.18	5.19	103.80	102.30	98.55%	N/A	N/A	N/A
R3/304	BEDROOM	W3/304	39.41	2.43	145.30	142.70	98.21%	N/A	N/A	N/A
R4/304	BEDROOM	W4/304	39.54	3.13	114.30	111.00	97.11%	N/A	N/A	N/A
R5/304	LKD	W5/304	19.27	1.67	273.40	255.20	93.34%	N/A	N/A	N/A
R6/304	STUDIO	W6/304	20.34	1.98	326.60	252.20	77.22%	N/A	N/A	N/A
R7/304	LKD	W7/304	20.55	2.08	342.20	341.70	99.85%	N/A	N/A	N/A
R8/304	LKD	W8/304	20.56	2.08	342.20	341.70	99.85%	N/A	N/A	N/A
R9/304	STUDIO	W9/304	20.34	1.93	332.40	252.20	75.87%	N/A	N/A	N/A
R10/304	LKD	W10/304	19.28	1.88	252.20	250.80	99.44%	N/A	N/A	N/A
R11/304	BEDROOM	W11/304	39.55	3.14	113.90	111.60	97.98%	N/A	N/A	N/A
R12/304	LKD	W12/304	19.19	2.88	337.80	333.30	98.67%	N/A	N/A	N/A
		W13/304	27.60					N/A	N/A	N/A
R13/304	BEDROOM	W14/304	24.25	5.38	127.90	125.10	97.81%	0	0	0
		W15/304	26.97					24	10	34
R14/304	BEDROOM	W16/304	21.28	1.88	115.10	106.40	92.44%	16	0	16
R15/304	BEDROOM	W17/304	22.48	1.98	116.10	107.70	92.76%	19	9	28
R16/304	BEDROOM	W18/304	29.00	4.00	128.80	125.60	97.52%	29	10	39
R17/304	BEDROOM	W19/304	28.39	3.94	127.40	124.50	97.72%	28	9	37
R18/304	BEDROOM	W20/304	21.13	1.96	115.00	106.40	92.52%	18	0	18
R19/304	BEDROOM	W21/304	24.15	1.98	123.20	105.70	85.80%	19	11	30
R20/304	BEDROOM	W22/304	30.79	4.13	127.90	125.60	98.20%	26	11	37
R21/304	LKD	W23/304	32.77	4.70	326.20	297.90	91.32%	27	16	43
		W24/304	21.94					14	12	26
5th Floor										
R1/305	BEDROOM	W1/305	27.25	2.49	122.40	115.40	94.28%	19	11	30
R2/305	BEDROOM	W2/305	33.69	4.44	127.40	125.80	98.74%	30	12	42
R3/305	LKD	W3/305	38.33	2.90	343.20	338.80	98.72%	N/A	N/A	N/A
R4/305	BEDROOM	W4/305	38.38	3.64	139.90	138.10	98.71%	N/A	N/A	N/A
R5/305	BEDROOM	W5/305	38.39	7.41	108.10	107.80	99.72%	N/A	N/A	N/A
R6/305	LKD	W6/305	38.18	3.66	345.40	343.70	99.51%	N/A	N/A	N/A
R7/305	LKD	W7/305	36.38	3.49	342.90	342.60	99.91%	N/A	N/A	N/A
R8/305	LKD	W8/305	36.40	3.50	342.20	341.90	99.91%	N/A	N/A	N/A
R9/305	LKD	W9/305	38.22	3.67	345.20	343.40	99.48%	N/A	N/A	N/A
R10/305	BEDROOM	W10/305	38.40	7.41	108.10	107.70	99.63%	N/A	N/A	N/A
R11/305	BEDROOM	W11/305	38.44	6.02	139.60	137.00	98.14%	N/A	N/A	N/A
		W12/305	33.13					N/A	N/A	N/A
R12/305	BEDROOM	W13/305	26.58	2.21	116.00	109.30	94.22%	19	11	30
R13/305	BEDROOM	W14/305	32.59	4.33	128.80	127.10	98.68%	31	12	43
R14/305	BEDROOM	W15/305	32.13	4.31	127.40	125.70	98.67%	30	11	41
R15/305	BEDROOM	W16/305	25.40	2.19	115.00	108.00	93.91%	21	2	23
Gnd Floor										
R1/320	BEDROOM	W1/320	18.19	1.60	123.30	100.80	81.75%	18	5	23
R2/320	BEDROOM	W2/320	21.98	3.17	127.90	120.90	94.53%	23	4	27
R3/320	LKD	W3/320	12.86	1.96	315.90	296.30	93.80%	14	1	15
		W4/320	14.06					9	0	9
R4/320	LKD	W5/320	18.74	2.83	339.40	338.50	99.73%	12	2	14
		W6/320	21.76					14	3	17
R5/320	BEDROOM	W7/320	19.09	3.32	103.80	102.00	98.27%	N/A	N/A	N/A
R6/320	BEDROOM	W8/320	35.02	2.07	144.70	141.90	98.06%	N/A	N/A	N/A
R7/320	BEDROOM	W9/320	35.03	2.65	114.30	111.90	97.90%	N/A	N/A	N/A
R8/320	LKD	W10/320	18.07	1.72	253.00	251.20	99.29%	N/A	N/A	N/A
R9/320	STUDIO	W11/320	20.01	1.85	332.40	252.80	76.05%	N/A	N/A	N/A
R10/320	LKD	W12/320	18.75	1.91	338.50	335.50	99.11%	N/A	N/A	N/A
R11/320	BEDROOM	W13/320	15.83	2.60	125.90	91.50	72.68%	18	7	25
R12/320	BEDROOM	W14/320	14.22	1.42	114.50	80.10	69.96%	10	0	10

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
1st Floor										
R1/321	BEDROOM	W3/321	19.97	1.88	123.30	103.30	83.78%	18	7	25
R2/321	BEDROOM	W4/321	24.04	3.71	127.90	123.90	96.87%	26	5	31
R3/321	LKD	W5/321	12.36	2.06	315.90	297.60	94.21%	11	3	14
		W6/321	17.30					11	2	13
R4/321	LKD	W7/321	21.70	2.99	339.40	338.50	99.73%	15	2	17
		W8/321	21.69					12	3	15
R5/321	BEDROOM	W9/321	19.27	3.45	103.80	102.00	98.27%	N/A	N/A	N/A
R6/321	BEDROOM	W10/321	37.49	2.32	144.70	141.90	98.06%	N/A	N/A	N/A
R7/321	BEDROOM	W11/321	37.54	2.97	114.30	111.90	97.90%	N/A	N/A	N/A
R8/321	LKD	W12/321	17.53	1.71	253.00	251.70	99.49%	N/A	N/A	N/A
R9/321	STUDIO	W13/321	18.37	1.76	332.40	252.80	76.05%	N/A	N/A	N/A
R10/321	LKD	W14/321	17.41	1.82	338.50	337.30	99.65%	N/A	N/A	N/A
R11/321	BEDROOM	W1/321	17.17	3.00	125.90	102.70	81.57%	21	8	29
R12/321	BEDROOM	W2/321	15.74	1.70	114.50	91.90	80.26%	12	0	12
2nd Floor										
R1/322	BEDROOM	W3/322	21.65	1.98	123.30	105.20	85.32%	19	9	28
R2/322	BEDROOM	W4/322	26.21	3.95	127.90	124.60	97.42%	26	8	34
R3/322	LKD	W5/322	14.37	2.43	315.90	303.30	96.01%	11	6	17
		W6/322	21.20					18	3	21
R4/322	LKD	W7/322	25.08	3.23	339.40	338.50	99.73%	23	2	25
		W8/322	23.06					12	3	15
R5/322	BEDROOM	W9/322	20.48	3.62	103.80	102.00	98.27%	N/A	N/A	N/A
R6/322	BEDROOM	W10/322	38.85	2.40	144.70	141.90	98.06%	N/A	N/A	N/A
R7/322	BEDROOM	W11/322	38.94	3.08	114.30	111.90	97.90%	N/A	N/A	N/A
R8/322	LKD	W12/322	18.87	1.83	253.00	251.70	99.49%	N/A	N/A	N/A
R9/322	STUDIO	W13/322	19.72	1.88	332.40	252.80	76.05%	N/A	N/A	N/A
R10/322	LKD	W14/322	18.76	1.94	338.50	337.30	99.65%	N/A	N/A	N/A
R11/322	BEDROOM	W1/322	18.55	3.14	125.90	110.90	88.09%	22	10	32
R12/322	BEDROOM	W2/322	17.47	1.82	114.50	99.90	87.25%	15	0	15
3rd Floor										
R1/323	BEDROOM	W3/323	23.42	2.08	123.30	106.60	86.46%	19	11	30
R2/323	BEDROOM	W4/323	28.57	4.19	127.90	124.60	97.42%	27	10	37
R3/323	LKD	W5/323	16.41	2.83	315.90	313.80	99.34%	12	8	20
		W6/323	26.04					23	7	30
R4/323	LKD	W7/323	29.24	3.42	339.40	338.50	99.73%	23	8	31
		W8/323	23.68					12	3	15
R5/323	BEDROOM	W9/323	21.01	3.68	103.80	102.00	98.27%	N/A	N/A	N/A
R6/323	BEDROOM	W10/323	39.49	2.44	144.70	141.90	98.06%	N/A	N/A	N/A
R7/323	BEDROOM	W11/323	39.58	3.13	114.30	111.90	97.90%	N/A	N/A	N/A
R8/323	LKD	W12/323	19.60	1.89	253.00	251.70	99.49%	N/A	N/A	N/A
R9/323	STUDIO	W13/323	20.40	1.93	332.40	252.80	76.05%	N/A	N/A	N/A
R10/323	LKD	W14/323	19.47	1.99	338.50	337.30	99.65%	N/A	N/A	N/A
R11/323	BEDROOM	W1/323	20.24	3.29	125.90	116.20	92.30%	23	10	33
R12/323	BEDROOM	W2/323	19.55	1.94	114.50	104.20	91.00%	15	2	17
4th Floor										
R1/324	BEDROOM	W3/324	25.36	2.18	123.30	106.70	86.54%	19	11	30
R2/324	BEDROOM	W4/324	31.53	4.44	127.90	125.60	98.20%	30	11	41
R3/324	LKD	W5/324	15.54	2.84	315.90	315.20	99.78%	11	8	19
		W6/324	31.75					23	15	38
R4/324	LKD	W7/324	34.00	4.71	339.40	338.70	99.79%	23	15	38
		W8/324	39.38					20	3	23
R5/324	BEDROOM	W9/324	35.10	5.32	103.80	102.60	98.84%	N/A	N/A	N/A
R6/324	BEDROOM	W10/324	39.62	2.44	144.70	141.90	98.06%	N/A	N/A	N/A
R7/324	BEDROOM	W11/324	39.62	3.13	114.30	111.90	97.90%	N/A	N/A	N/A
R8/324	LKD	W12/324	19.67	1.89	253.00	251.70	99.49%	N/A	N/A	N/A
R9/324	STUDIO	W13/324	20.46	1.94	332.40	252.80	76.05%	N/A	N/A	N/A
R10/324	LKD	W14/324	19.54	2.00	338.50	337.30	99.65%	N/A	N/A	N/A
R11/324	BEDROOM	W1/324	23.28	3.53	125.90	120.80	95.95%	24	11	35
R12/324	BEDROOM	W2/324	22.48	2.08	114.50	106.90	93.36%	17	2	19

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
5th Floor										
R1/325	BEDROOM	W1/325	28.12	2.28	122.30	114.80	93.87%	19	11	30
R2/325	BEDROOM	W2/325	34.68	4.60	127.40	125.80	98.74%	30	13	43
R3/325	LKD	W3/325	38.64	2.93	343.20	338.90	98.75%	N/A	N/A	N/A
R4/325	BEDROOM	W4/325	37.25	3.57	139.60	137.10	98.21%	N/A	N/A	N/A
R5/325	BEDROOM	W5/325	37.20	7.23	108.10	107.80	99.72%	N/A	N/A	N/A
R6/325	LKD	W6/325	37.24	3.60	345.40	343.60	99.48%	N/A	N/A	N/A
R7/325	LKD	W7/325	38.80	3.84	336.50	336.20	99.91%	N/A	N/A	N/A
R8/325	BEDROOM	W8/325	32.89	4.41	127.20	125.70	98.82%	30	11	41
R9/325	BEDROOM	W9/325	26.32	2.29	114.50	108.10	94.41%	22	2	24
Block C										
Gnd Floor										
R1/350	LKD	W1/350	22.94	1.30	366.30	195.90	53.48%	0	0	0
		W2/350	3.08					0	0	0
R2/350	BEDROOM	W3/350	9.61	1.75	117.80	105.20	89.30%	N/A	N/A	N/A
R3/350	BEDROOM	W4/350	21.38	1.60	130.60	117.50	89.97%	N/A	N/A	N/A
R4/350	LKD	W5/350	20.42	1.89	288.80	255.50	88.47%	N/A	N/A	N/A
		W6/350	19.26					N/A	N/A	N/A
R5/350	BEDROOM	W8/350	20.10	1.47	117.90	73.70	62.51%	10	9	19
R6/350	LKD	W9/350	24.84	3.15	240.00	233.80	97.42%	8	25	33
R7/350		W10/350	22.71	2.21	278.50	278.00	99.82%	8	17	25
R8/350	BEDROOM	W11/350	24.12	2.79	105.90	103.70	97.92%	7	21	28
R9/350	BEDROOM	W12/350	24.14	2.81	105.90	103.60	97.83%	7	21	28
R10/350	LKD	W13/350	22.05	1.95	278.10	276.90	99.57%	4	22	26
R11/350	BEDROOM	W14/350	38.72	2.24	147.50	144.90	98.24%	23	22	45
R12/350	BEDROOM	W15/350	22.61	2.68	110.50	106.60	96.47%	7	16	23
R13/350	LKD	W16/350	24.43	2.32	344.40	342.50	99.45%	8	22	30
R14/350	LKD	W17/350	23.15	2.22	347.20	346.70	99.86%	7	22	29
R15/350	LKD	W18/350	23.68	2.28	347.20	346.70	99.86%	8	18	26
R16/350	LKD	W19/350	24.62	2.34	344.40	342.50	99.45%	8	22	30
R17/350	BEDROOM	W20/350	20.94	2.55	109.40	102.00	93.24%	3	20	23
R18/350	BEDROOM	W21/350	39.06	3.00	147.90	146.10	98.78%	27	24	51
R19/350	LKD	W22/350	38.99	3.86	331.80	331.40	99.88%	27	24	51
		W23/350	20.04					13	3	16
R20/350	BEDROOM	W24/350	17.77	2.40	108.70	104.60	96.23%	N/A	N/A	N/A
R21/350	BEDROOM	W25/350	34.24	1.98	149.80	147.00	98.13%	N/A	N/A	N/A
R22/350	LKD	W26/350	34.20	2.74	375.40	369.90	98.53%	N/A	N/A	N/A
		W27/350	18.78					N/A	N/A	N/A
R23/350	BEDROOM	W28/350	18.45	1.33	115.90	74.50	64.28%	N/A	N/A	N/A
R24/350	BEDROOM	W29/350	14.32	0.82	156.20	60.50	38.73%	N/A	N/A	N/A
R25/350	BEDROOM	W30/350	16.58	1.47	115.20	105.70	91.75%	N/A	N/A	N/A
R26/350	BEDROOM	W31/350	19.95	1.55	129.60	109.10	84.18%	N/A	N/A	N/A
R27/350	BEDROOM	W32/350	20.96	2.11	129.60	120.40	92.90%	N/A	N/A	N/A
R28/350	BEDROOM	W33/350	18.33	2.05	115.20	92.10	79.95%	N/A	N/A	N/A
1st Floor										
R1/351	LKD	W1/351	26.28	1.82	366.30	242.90	66.31%	0	0	0
		W2/351	3.11					0	0	0
R2/351	BEDROOM	W3/351	9.13	1.70	117.80	105.80	89.81%	N/A	N/A	N/A
R3/351	BEDROOM	W4/351	23.72	1.84	130.60	122.60	93.87%	N/A	N/A	N/A
R4/351	LKD	W5/351	22.88	2.20	288.80	273.60	94.74%	N/A	N/A	N/A
		W6/351	21.71					N/A	N/A	N/A
R5/351	BEDROOM	W8/351	22.69	1.74	117.90	87.70	74.39%	12	9	21
R6/351	LKD	W9/351	23.16	3.06	240.00	233.80	97.42%	4	24	28
R7/351	LKD	W10/351	19.77	2.00	278.50	277.90	99.78%	3	16	19
R8/351	BEDROOM	W11/351	21.02	2.61	105.90	103.80	98.02%	3	19	22
R9/351	BEDROOM	W12/351	21.06	2.62	105.90	103.60	97.83%	3	19	22
R10/351	LKD	W13/351	19.37	1.79	278.10	276.90	99.57%	1	20	21
R11/351	BEDROOM	W14/351	39.09	2.39	147.50	144.90	98.24%	23	22	45
R12/351	BEDROOM	W15/351	19.72	2.50	109.40	105.50	96.44%	3	15	18
R13/351	LKD	W16/351	21.30	2.12	344.40	342.50	99.45%	3	20	23
R14/351	LKD	W17/351	20.23	2.03	347.20	346.70	99.86%	2	20	22
R15/351	LKD	W18/351	20.63	2.08	347.20	346.70	99.86%	3	17	20

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R16/351	LKD	W19/351	21.43	2.13	344.40	342.50	99.45%	3	20	23
R17/351	BEDROOM	W20/351	18.30	2.37	109.40	102.00	93.24%	0	18	18
R18/351	BEDROOM	W21/351	39.34	3.19	147.90	146.10	98.78%	27	24	51
R19/351	LKD	W22/351	39.34	4.01	331.80	331.40	99.88%	27	24	51
		W23/351	20.55					12	3	15
R20/351	BEDROOM	W24/351	18.47	2.53	108.70	104.60	96.23%	N/A	N/A	N/A
R21/351	BEDROOM	W25/351	37.84	2.28	149.80	147.00	98.13%	N/A	N/A	N/A
R22/351	LKD	W26/351	37.84	2.92	375.40	369.90	98.53%	N/A	N/A	N/A
		W27/351	19.68					N/A	N/A	N/A
R23/351	BEDROOM	W28/351	21.72	1.71	115.90	74.70	64.45%	N/A	N/A	N/A
R24/351	BEDROOM	W29/351	18.58	1.20	156.20	68.90	44.11%	N/A	N/A	N/A
R25/351	BEDROOM	W30/351	18.76	1.73	115.20	106.80	92.71%	N/A	N/A	N/A
R26/351	BEDROOM	W31/351	22.67	1.84	129.60	113.50	87.58%	N/A	N/A	N/A
R27/351	BEDROOM	W32/351	23.57	2.47	129.60	123.50	95.29%	N/A	N/A	N/A
R28/351	BEDROOM	W33/351	20.44	2.39	115.20	98.50	85.50%	N/A	N/A	N/A
2nd Floor										
R1/352	LKD	W1/352	28.64	1.99	366.30	272.80	74.47%	1	0	1
		W2/352	4.38					1	0	1
R2/352	BEDROOM	W3/352	10.79	2.00	117.80	108.00	91.68%	N/A	N/A	N/A
R3/352	BEDROOM	W4/352	25.93	1.97	130.60	124.20	95.10%	N/A	N/A	N/A
R4/352	LKD	W5/352	25.36	2.42	288.80	278.30	96.36%	N/A	N/A	N/A
		W6/352	24.23					N/A	N/A	N/A
R5/352	BEDROOM	W8/352	25.31	1.93	117.90	91.50	77.61%	13	10	23
R6/352	LKD	W9/352	23.65	3.11	240.00	233.80	97.42%	4	24	28
R7/352	LKD	W10/352	20.08	2.02	278.50	277.90	99.78%	3	16	19
R8/352	BEDROOM	W11/352	21.38	2.65	105.90	103.80	98.02%	3	19	22
R9/352	BEDROOM	W12/352	21.39	2.65	105.90	103.60	97.83%	3	19	22
R10/352	LKD	W13/352	19.67	1.82	278.10	276.90	99.57%	1	20	21
R11/352	BEDROOM	W14/352	39.36	2.40	147.50	144.90	98.24%	23	22	45
R12/352	BEDROOM	W15/352	19.84	2.50	109.40	105.50	96.44%	3	15	18
R13/352	LKD	W16/352	21.51	2.14	344.40	342.50	99.45%	3	20	23
R14/352	LKD	W17/352	20.44	2.05	347.20	346.70	99.86%	2	20	22
R15/352	LKD	W18/352	20.76	2.08	347.20	346.70	99.86%	3	17	20
R16/352	LKD	W19/352	21.58	2.14	344.40	342.50	99.45%	3	20	23
R17/352	BEDROOM	W20/352	18.43	2.38	109.40	102.00	93.24%	0	18	18
R18/352	BEDROOM	W21/352	39.49	3.19	147.90	146.10	98.78%	27	24	51
R19/352	LKD	W22/352	39.50	4.11	331.80	331.40	99.88%	27	24	51
		W23/352	21.66					12	3	15
R20/352	BEDROOM	W24/352	19.53	2.64	108.70	104.60	96.23%	N/A	N/A	N/A
R21/352	BEDROOM	W25/352	39.07	2.35	149.80	147.00	98.13%	N/A	N/A	N/A
R22/352	LKD	W26/352	39.11	3.05	375.40	369.90	98.53%	N/A	N/A	N/A
		W27/352	20.89					N/A	N/A	N/A
R23/352	BEDROOM	W28/352	25.55	2.03	115.90	80.00	69.03%	N/A	N/A	N/A
R24/352	BEDROOM	W29/352	22.29	1.45	156.20	74.00	47.38%	N/A	N/A	N/A
R25/352	BEDROOM	W30/352	21.02	1.89	115.20	107.00	92.88%	N/A	N/A	N/A
R26/352	BEDROOM	W31/352	25.52	2.02	129.60	119.90	92.52%	N/A	N/A	N/A
R27/352	BEDROOM	W32/352	26.21	2.69	129.60	124.60	96.14%	N/A	N/A	N/A
R28/352	BEDROOM	W33/352	22.55	2.58	115.20	106.40	92.36%	N/A	N/A	N/A
3rd Floor										
R1/353	LKD	W1/353	31.03	2.16	366.30	308.30	84.17%	2	0	2
		W2/353	6.00					3	0	3
R2/353	BEDROOM	W3/353	12.49	2.27	117.80	110.90	94.14%	N/A	N/A	N/A
R3/353	BEDROOM	W4/353	28.98	2.10	130.60	124.20	95.10%	N/A	N/A	N/A
R4/353	LKD	W5/353	28.00	2.65	288.80	280.70	97.20%	N/A	N/A	N/A
		W6/353	26.96					N/A	N/A	N/A
R5/353	BEDROOM	W8/353	28.11	2.13	117.90	96.30	81.68%	15	11	26
R6/353	LKD	W9/353	35.84	4.31	240.00	234.00	97.50%	31	25	56
R7/353	LKD	W10/353	20.33	2.04	278.50	277.90	99.78%	3	16	19
R8/353	BEDROOM	W11/353	21.66	2.68	105.90	103.80	98.02%	3	19	22
R9/353	BEDROOM	W12/353	21.65	2.68	105.90	103.60	97.83%	3	19	22
R10/353	LKD	W13/353	19.90	1.84	278.10	276.90	99.57%	1	20	21
R11/353	BEDROOM	W14/353	39.56	2.41	147.50	144.90	98.24%	23	22	45

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R12/353	BEDROOM	W15/353	19.94	2.50	109.40	105.50	96.44%	3	15	18
R13/353	LKD	W16/353	21.68	2.15	344.40	342.50	99.45%	3	20	23
R14/353	LKD	W17/353	20.60	2.06	347.20	346.70	99.86%	2	20	22
R15/353	LKD	W18/353	20.84	2.09	347.20	346.70	99.86%	3	17	20
R16/353	LKD	W19/353	21.70	2.15	344.40	342.50	99.45%	3	20	23
R17/353	BEDROOM	W20/353	18.53	2.39	109.40	102.00	93.24%	0	18	18
R18/353	BEDROOM	W21/353	39.59	3.20	147.90	146.10	98.78%	27	24	51
R19/353	LKD	W22/353	39.59	4.15	331.80	331.40	99.88%	27	24	51
		W23/353	22.14					12	3	15
R20/353	BEDROOM	W24/353	19.96	2.68	108.70	104.60	96.23%	N/A	N/A	N/A
R21/353	BEDROOM	W25/353	39.53	2.37	149.80	147.00	98.13%	N/A	N/A	N/A
R22/353	LKD	W26/353	39.58	3.10	375.40	369.90	98.53%	N/A	N/A	N/A
		W27/353	21.41					N/A	N/A	N/A
R23/353	BEDROOM	W28/353	30.18	2.39	115.90	105.70	91.20%	N/A	N/A	N/A
R24/353	BEDROOM	W29/353	26.85	1.74	156.20	99.30	63.57%	N/A	N/A	N/A
R25/353	BEDROOM	W30/353	23.46	2.04	115.20	107.20	93.06%	N/A	N/A	N/A
R26/353	BEDROOM	W31/353	28.62	2.20	129.60	123.10	94.98%	N/A	N/A	N/A
R27/353	BEDROOM	W32/353	29.15	2.90	129.60	124.80	96.30%	N/A	N/A	N/A
R28/353	BEDROOM	W33/353	24.89	2.77	115.20	109.60	95.14%	N/A	N/A	N/A
4th Floor										
R1/354	LKD	W1/354	33.41	2.87	366.30	346.30	94.54%	3	0	3
		W2/354	20.10					16	1	17
R2/354	BEDROOM	W3/354	27.05	3.98	116.80	111.90	95.80%	N/A	N/A	N/A
R3/354	BEDROOM	W6/354	39.62	2.41	147.50	144.90	98.24%	23	22	45
R4/354	BEDROOM	W7/354	34.79	4.00	109.40	106.10	96.98%	34	16	50
R5/354	LKD	W8/354	39.06	3.64	344.40	342.60	99.48%	45	25	70
R6/354	LKD	W9/354	35.80	3.33	347.20	346.70	99.86%	35	25	60
R7/354	LKD	W10/354	21.27	2.12	347.20	346.70	99.86%	3	18	21
R8/354	LKD	W11/354	21.76	2.16	344.40	342.50	99.45%	3	20	23
R9/354	BEDROOM	W12/354	18.58	2.39	109.40	102.00	93.24%	0	18	18
R10/354	BEDROOM	W13/354	39.62	3.20	147.90	146.10	98.78%	27	24	51
R11/354	LKD	W14/354	39.62	5.40	331.80	330.60	99.64%	27	24	51
		W15/354	39.21					20	3	23
R12/354	BEDROOM	W16/354	35.50	3.98	108.70	105.10	96.69%	N/A	N/A	N/A
R13/354	BEDROOM	W17/354	39.62	2.37	149.80	147.00	98.13%	N/A	N/A	N/A
R14/354	LKD	W18/354	39.62	2.77	375.40	370.10	98.59%	N/A	N/A	N/A
		W19/354	17.25					N/A	N/A	N/A
R15/354	BEDROOM	W20/354	34.03	2.71	115.90	112.50	97.07%	N/A	N/A	N/A
R16/354	BEDROOM	W21/354	30.73	1.98	156.20	152.80	97.82%	N/A	N/A	N/A
R17/354	BEDROOM	W22/354	25.93	2.26	115.20	107.90	93.66%	N/A	N/A	N/A
R18/354	BEDROOM	W23/354	31.83	2.47	129.60	124.40	95.99%	N/A	N/A	N/A
R19/354	BEDROOM	W24/354	32.56	3.24	129.60	127.00	97.99%	N/A	N/A	N/A
R20/354	BEDROOM	W25/354	28.29	3.07	115.20	110.70	96.09%	N/A	N/A	N/A
5th Floor										
R1/355	BEDROOM	W1/355	29.30	2.32	116.00	108.90	93.88%	N/A	N/A	N/A
R2/355	BEDROOM	W2/355	34.88	2.52	129.60	124.70	96.22%	N/A	N/A	N/A
R3/355	LKD	W3/355	37.44	4.88	347.40	345.20	99.37%	25	13	38
		W4/355	39.43					47	25	72
R4/355	BEDROOM	W5/355	39.42	4.48	105.00	103.40	98.48%	40	23	63
R5/355	BEDROOM	W6/355	39.42	4.82	98.50	97.50	98.98%	40	23	63
R6/355	BEDROOM	W7/355	39.42	4.82	98.50	97.50	98.98%	40	23	63
R7/355	LKD	W8/355	39.43	5.05	368.40	356.40	96.74%	47	25	72
		W9/355	39.31					20	1	21
R8/355	LKD	W10/355	0.00	6.28	268.70	268.70	100.00%	0	0	0
		W11/355	39.43					20	1	21
		W12/355	32.76					0	0	0
R9/355	BEDROOM	W13/355	33.40	2.58	122.50	117.30	95.76%	N/A	N/A	N/A

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
Block D										
Gnd Floor										
R1/360	BEDROOM	W1/360	21.53	3.31	116.20	111.20	95.70%	20	4	24
R2/360	BEDROOM	W2/360	28.94	2.30	130.50	124.40	95.33%	18	3	21
R3/360	LKD	W3/360	5.82	1.57	334.60	319.20	95.40%	2	2	4
		W4/360	13.11					11	0	11
R4/360	LKD	W5/360	13.50	1.68	349.70	329.40	94.20%	N/A	N/A	N/A
R5/360	BEDROOM	W6/360	13.58	2.08	107.20	104.30	97.29%	N/A	N/A	N/A
R6/360	BEDROOM	W7/360	27.32	1.84	146.40	119.30	81.49%	N/A	N/A	N/A
R7/360	LKD	W8/360	5.90	0.70	330.90	183.90	55.58%	N/A	N/A	N/A
R8/360	LKD	W9/360	6.05	0.83	330.90	169.70	51.28%	N/A	N/A	N/A
R9/360	LKD	W10/360	5.63	0.78	349.70	151.50	43.32%	N/A	N/A	N/A
R10/360	BEDROOM	W11/360	4.86	1.35	107.20	90.20	84.14%	N/A	N/A	N/A
R11/360	BEDROOM	W12/360	23.94	1.63	146.40	90.50	61.82%	N/A	N/A	N/A
R12/360	LKD	W13/360	8.85	0.95	277.00	99.70	35.99%	N/A	N/A	N/A
R13/360	BEDROOM	W14/360	9.08	1.44	106.70	69.50	65.14%	N/A	N/A	N/A
R14/360	BEDROOM	W15/360	6.21	0.90	106.70	63.20	59.23%	N/A	N/A	N/A
R15/360	LKD	W16/360	7.50	0.90	277.00	88.30	31.88%	N/A	N/A	N/A
R16/360	LKD	W17/360	6.73	2.22	238.50	170.10	71.32%	N/A	N/A	N/A
		W18/360	15.58					N/A	N/A	N/A
R17/360	BEDROOM	W19/360	18.52	1.48	116.20	49.10	42.25%	N/A	N/A	N/A
R18/360	LKD	W20/360	9.92	4.59	297.40	280.20	94.22%	N/A	N/A	N/A
		W21/360	34.02					N/A	N/A	N/A
		W22/360	34.86					N/A	N/A	N/A
R19/360	BEDROOM	W23/360	34.91	4.16	139.10	134.90	96.98%	N/A	N/A	N/A
R20/360	LKD	W24/360	9.95	1.72	274.90	267.20	97.20%	6	2	8
R21/360	BEDROOM	W25/360	28.40	2.32	128.70	122.70	95.34%	17	1	18
R22/360	BEDROOM	W26/360	21.73	2.05	112.80	104.70	92.82%	18	5	23
R23/360	BEDROOM	W27/360	29.05	4.04	128.30	124.40	96.96%	23	6	29
R24/360	BEDROOM	W28/360	29.28	4.03	130.50	126.10	96.63%	21	2	23
R25/360	BEDROOM	W29/360	23.11	2.12	114.80	105.50	91.90%	10	0	10
1st Floor										
R1/361	BEDROOM	W1/361	23.19	3.49	116.20	111.20	95.70%	22	6	28
R2/361	BEDROOM	W2/361	30.80	2.42	130.50	124.40	95.33%	20	5	25
R3/361	LKD	W3/361	6.71	1.45	334.60	325.70	97.34%	2	2	4
		W4/361	12.21					11	1	12
R4/361	LKD	W5/361	12.52	1.49	349.70	333.70	95.42%	N/A	N/A	N/A
R5/361	BEDROOM	W6/361	12.63	1.84	107.20	104.50	97.48%	N/A	N/A	N/A
R6/361	BEDROOM	W7/361	29.81	2.01	146.40	133.90	91.46%	N/A	N/A	N/A
R7/361	LKD	W8/361	5.26	0.59	330.90	204.60	61.83%	N/A	N/A	N/A
R8/361	LKD	W9/361	5.36	0.69	330.90	185.00	55.91%	N/A	N/A	N/A
R9/361	LKD	W10/361	5.05	0.64	349.70	165.80	47.41%	N/A	N/A	N/A
R10/361	BEDROOM	W11/361	4.44	1.13	107.20	93.50	87.22%	N/A	N/A	N/A
R11/361	BEDROOM	W12/361	26.76	1.80	146.40	112.70	76.98%	N/A	N/A	N/A
R12/361	LKD	W13/361	8.32	0.83	277.00	105.30	38.01%	N/A	N/A	N/A
R13/361	BEDROOM	W14/361	8.48	1.26	106.70	72.10	67.57%	N/A	N/A	N/A
R14/361	BEDROOM	W15/361	5.97	0.79	106.70	67.30	63.07%	N/A	N/A	N/A
R15/361	LKD	W16/361	7.00	0.79	277.00	92.00	33.21%	N/A	N/A	N/A
R16/361	LKD	W17/361	6.36	2.18	238.50	176.80	74.13%	N/A	N/A	N/A
		W18/361	17.88					N/A	N/A	N/A
R17/361	BEDROOM	W19/361	20.11	1.56	116.20	53.50	46.04%	N/A	N/A	N/A
R18/361	LKD	W20/361	9.05	4.56	297.40	280.70	94.38%	N/A	N/A	N/A
		W21/361	34.79					N/A	N/A	N/A
		W22/361	35.67					N/A	N/A	N/A
R19/361	BEDROOM	W23/361	35.78	4.22	139.10	135.20	97.20%	N/A	N/A	N/A
R20/361	LKD	W24/361	8.94	1.56	274.90	270.40	98.36%	5	2	7
R21/361	BEDROOM	W25/361	30.33	2.53	128.70	123.80	96.19%	17	2	19
R22/361	BEDROOM	W26/361	23.16	2.23	112.80	104.90	93.00%	20	5	25
R23/361	BEDROOM	W27/361	30.64	4.34	128.30	124.40	96.96%	23	6	29
R24/361	BEDROOM	W28/361	30.71	4.29	130.50	126.40	96.86%	21	3	24
R25/361	BEDROOM	W29/361	24.02	2.27	114.80	105.60	91.99%	10	0	10

AVISON YOUNG

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
2nd Floor										
R1/362	BEDROOM	W1/362	24.50	3.64	116.20	111.20	95.70%	22	6	28
R2/362	BEDROOM	W2/362	32.24	2.51	130.50	124.40	95.33%	21	5	26
R3/362	LKD	W3/362	7.89	1.65	334.60	331.50	99.07%	2	2	4
		W4/362	13.98					12	1	13
R4/362	LKD	W5/362	14.49	1.73	349.70	343.00	98.08%	N/A	N/A	N/A
R5/362	BEDROOM	W6/362	14.51	2.17	107.20	104.50	97.48%	N/A	N/A	N/A
R6/362	BEDROOM	W7/362	32.06	2.14	146.40	143.50	98.02%	N/A	N/A	N/A
R7/362	LKD	W8/362	6.57	0.79	330.90	269.10	81.32%	N/A	N/A	N/A
R8/362	LKD	W9/362	6.66	0.93	330.90	253.80	76.70%	N/A	N/A	N/A
R9/362	LKD	W10/362	6.37	0.86	349.70	256.70	73.41%	N/A	N/A	N/A
R10/362	BEDROOM	W11/362	6.04	1.63	107.20	105.90	98.79%	N/A	N/A	N/A
R11/362	BEDROOM	W12/362	29.45	1.96	146.40	131.10	89.55%	N/A	N/A	N/A
R12/362	LKD	W13/362	10.75	1.05	277.00	159.10	57.44%	N/A	N/A	N/A
R13/362	BEDROOM	W14/362	10.63	1.55	106.70	86.30	80.88%	N/A	N/A	N/A
R14/362	BEDROOM	W15/362	8.45	1.09	106.70	90.70	85.00%	N/A	N/A	N/A
R15/362	LKD	W16/362	9.30	0.97	277.00	125.70	45.38%	N/A	N/A	N/A
R16/362	LKD	W17/362	9.10	2.57	238.50	194.90	81.72%	N/A	N/A	N/A
		W18/362	20.20					N/A	N/A	N/A
R17/362	BEDROOM	W19/362	21.84	1.68	116.20	59.40	51.12%	N/A	N/A	N/A
R18/362	LKD	W20/362	9.08	4.60	297.40	281.20	94.55%	N/A	N/A	N/A
		W21/362	35.48					N/A	N/A	N/A
		W22/362	36.38					N/A	N/A	N/A
R19/362	BEDROOM	W23/362	36.52	4.28	139.10	135.30	97.27%	N/A	N/A	N/A
R20/362	LKD	W24/362	9.63	1.66	274.90	270.40	98.36%	6	2	8
R21/362	BEDROOM	W25/362	31.18	2.59	128.70	123.80	96.19%	18	2	20
R22/362	BEDROOM	W26/362	24.23	2.31	112.80	104.90	93.00%	21	5	26
R23/362	BEDROOM	W27/362	31.77	4.47	128.30	124.40	96.96%	24	6	30
R24/362	BEDROOM	W28/362	31.82	4.41	130.50	126.40	96.86%	22	3	25
R25/362	BEDROOM	W29/362	24.77	2.32	114.80	105.60	91.99%	11	0	11
3rd Floor										
R1/363	BEDROOM	W1/363	25.77	3.78	116.20	111.20	95.70%	23	6	29
R2/363	BEDROOM	W2/363	33.65	2.60	130.50	124.40	95.33%	21	5	26
R3/363	LKD	W3/363	9.87	1.82	334.60	332.20	99.28%	2	2	4
		W4/363	15.65					13	1	14
R4/363	LKD	W5/363	16.37	1.96	349.70	347.60	99.40%	N/A	N/A	N/A
R5/363	BEDROOM	W6/363	16.32	2.44	107.20	104.50	97.48%	N/A	N/A	N/A
R6/363	BEDROOM	W7/363	34.24	2.27	146.40	143.50	98.02%	N/A	N/A	N/A
R7/363	LKD	W8/363	7.85	0.96	330.90	320.10	96.74%	N/A	N/A	N/A
R8/363	LKD	W9/363	7.92	1.12	330.90	321.70	97.22%	N/A	N/A	N/A
R9/363	LKD	W10/363	7.76	1.06	349.70	339.60	97.11%	N/A	N/A	N/A
R10/363	BEDROOM	W11/363	7.63	2.09	107.20	105.90	98.79%	N/A	N/A	N/A
R11/363	BEDROOM	W12/363	32.14	2.12	146.40	142.30	97.20%	N/A	N/A	N/A
R12/363	LKD	W13/363	13.25	1.35	277.00	245.60	88.66%	N/A	N/A	N/A
R13/363	BEDROOM	W14/363	12.83	1.93	106.70	103.30	96.81%	N/A	N/A	N/A
R14/363	BEDROOM	W15/363	11.10	1.61	106.70	103.10	96.63%	N/A	N/A	N/A
R15/363	LKD	W16/363	11.71	1.28	277.00	184.70	66.68%	N/A	N/A	N/A
R16/363	LKD	W17/363	12.04	3.31	238.50	237.00	99.37%	N/A	N/A	N/A
		W18/363	22.94					N/A	N/A	N/A
R17/363	BEDROOM	W19/363	23.95	1.84	116.20	66.60	57.31%	N/A	N/A	N/A
R18/363	LKD	W20/363	9.14	4.64	297.40	282.10	94.86%	N/A	N/A	N/A
		W21/363	36.21					N/A	N/A	N/A
		W22/363	37.09					N/A	N/A	N/A
R19/363	BEDROOM	W23/363	37.25	4.34	139.10	136.00	97.77%	N/A	N/A	N/A
R20/363	LKD	W24/363	10.30	1.76	274.90	270.40	98.36%	7	2	9
R21/363	BEDROOM	W25/363	31.99	2.64	128.70	123.80	96.19%	19	3	22
R22/363	BEDROOM	W26/363	25.28	2.38	112.80	104.90	93.00%	22	6	28
R23/363	BEDROOM	W27/363	32.89	4.59	128.30	124.40	96.96%	25	6	31
R24/363	BEDROOM	W28/363	32.92	4.52	130.50	126.40	96.86%	22	3	25
R25/363	BEDROOM	W29/363	25.51	2.37	114.80	105.60	91.99%	12	0	12

AVISON YOUNG

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
4th Floor										
R1/364	BEDROOM	W1/364	26.98	3.91	116.20	111.20	95.70%	24	7	31
R2/364	BEDROOM	W2/364	35.03	2.68	130.50	124.40	95.33%	22	7	29
R3/364	LKD	W3/364	13.67	2.09	334.60	332.20	99.28%	5	2	7
		W4/364	17.14					14	1	15
R4/364	LKD	W5/364	18.09	2.16	349.70	347.60	99.40%	N/A	N/A	N/A
R5/364	BEDROOM	W6/364	17.95	2.67	107.20	104.50	97.48%	N/A	N/A	N/A
R6/364	BEDROOM	W7/364	36.20	2.39	146.40	143.50	98.02%	N/A	N/A	N/A
R7/364	LKD	W8/364	9.06	1.09	330.90	325.80	98.46%	N/A	N/A	N/A
R8/364	LKD	W9/364	9.11	1.27	330.90	329.30	99.52%	N/A	N/A	N/A
R9/364	LKD	W10/364	9.09	1.23	349.70	346.20	99.00%	N/A	N/A	N/A
R10/364	BEDROOM	W11/364	9.13	2.49	107.20	105.90	98.79%	N/A	N/A	N/A
R11/364	BEDROOM	W12/364	34.71	2.27	146.40	142.80	97.54%	N/A	N/A	N/A
R12/364	LKD	W13/364	15.69	1.63	277.00	276.10	99.68%	N/A	N/A	N/A
R13/364	BEDROOM	W14/364	14.97	2.26	106.70	103.50	97.00%	N/A	N/A	N/A
R14/364	BEDROOM	W15/364	13.74	2.07	106.70	103.20	96.72%	N/A	N/A	N/A
R15/364	LKD	W16/364	14.13	1.55	277.00	267.90	96.71%	N/A	N/A	N/A
R16/364	LKD	W17/364	15.03	4.03	238.50	237.00	99.37%	N/A	N/A	N/A
		W18/364	26.14					N/A	N/A	N/A
R17/364	BEDROOM	W19/364	26.50	2.04	116.20	76.60	65.92%	N/A	N/A	N/A
R18/364	LKD	W20/364	9.24	4.69	297.40	283.40	95.29%	N/A	N/A	N/A
		W21/364	36.99					N/A	N/A	N/A
		W22/364	37.82					N/A	N/A	N/A
R19/364	BEDROOM	W23/364	37.98	4.39	139.10	136.40	98.06%	N/A	N/A	N/A
R20/364	LKD	W24/364	10.92	1.84	274.90	270.40	98.36%	7	4	11
R21/364	BEDROOM	W25/364	32.77	2.69	128.70	123.80	96.19%	19	4	23
R22/364	BEDROOM	W26/364	26.32	2.45	112.80	104.90	93.00%	22	7	29
R23/364	BEDROOM	W27/364	34.04	4.70	128.30	124.40	96.96%	25	7	32
R24/364	BEDROOM	W28/364	34.05	4.63	130.50	126.40	96.86%	23	5	28
R25/364	BEDROOM	W29/364	26.25	2.42	114.80	105.60	91.99%	12	0	12
5th Floor										
R1/365	BEDROOM	W1/365	28.13	4.02	116.20	111.20	95.70%	24	7	31
R2/365	BEDROOM	W2/365	36.41	2.76	130.50	124.40	95.33%	22	7	29
R3/365	LKD	W3/365	21.52	2.66	334.60	332.20	99.28%	22	3	25
		W4/365	18.27					14	1	15
R4/365	LKD	W5/365	19.47	2.32	349.70	347.60	99.40%	N/A	N/A	N/A
R5/365	BEDROOM	W6/365	19.19	2.83	107.20	104.50	97.48%	N/A	N/A	N/A
R6/365	BEDROOM	W7/365	37.71	2.48	146.40	143.50	98.02%	N/A	N/A	N/A
R7/365	LKD	W8/365	10.12	1.19	330.90	325.80	98.46%	N/A	N/A	N/A
R8/365	LKD	W9/365	10.16	1.39	330.90	329.30	99.52%	N/A	N/A	N/A
R9/365	LKD	W10/365	10.27	1.37	349.70	346.20	99.00%	N/A	N/A	N/A
R10/365	BEDROOM	W11/365	10.45	2.79	107.20	105.90	98.79%	N/A	N/A	N/A
R11/365	BEDROOM	W12/365	36.97	2.40	146.40	142.80	97.54%	N/A	N/A	N/A
R12/365	LKD	W13/365	17.95	1.86	277.00	276.10	99.68%	N/A	N/A	N/A
R13/365	BEDROOM	W14/365	16.92	2.53	106.70	103.50	97.00%	N/A	N/A	N/A
R14/365	BEDROOM	W15/365	16.21	2.44	106.70	103.20	96.72%	N/A	N/A	N/A
R15/365	LKD	W16/365	16.38	1.76	277.00	276.00	99.64%	N/A	N/A	N/A
R16/365	LKD	W17/365	17.85	4.67	238.50	237.00	99.37%	N/A	N/A	N/A
		W18/365	29.73					N/A	N/A	N/A
R17/365	BEDROOM	W19/365	29.57	2.27	116.20	88.10	75.82%	N/A	N/A	N/A
R18/365	LKD	W20/365	9.44	4.74	297.40	285.20	95.90%	N/A	N/A	N/A
		W21/365	37.81					N/A	N/A	N/A
		W22/365	38.53					N/A	N/A	N/A
R19/365	BEDROOM	W23/365	38.68	4.44	139.10	136.60	98.20%	N/A	N/A	N/A
R20/365	LKD	W24/365	11.47	1.91	274.90	270.40	98.36%	7	4	11
R21/365	BEDROOM	W25/365	33.57	2.73	128.70	123.80	96.19%	19	4	23
R22/365	BEDROOM	W26/365	27.35	2.51	112.80	104.90	93.00%	22	7	29
R23/365	BEDROOM	W27/365	35.28	4.81	128.30	124.70	97.19%	25	7	32
R24/365	BEDROOM	W28/365	35.27	4.73	130.50	126.40	96.86%	23	5	28
R25/365	BEDROOM	W29/365	27.05	2.46	114.80	105.60	91.99%	12	0	12

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
6th Floor										
R1/366	BEDROOM	W1/366	28.86	4.05	116.20	111.40	95.87%	24	7	31
R2/366	BEDROOM	W2/366	37.24	2.77	130.50	124.60	95.48%	22	7	29
R3/366	LKD	W3/366	31.31	3.11	334.60	332.20	99.28%	22	17	39
		W4/366	18.81					14	1	15
R4/366	LKD	W5/366	20.18	2.39	349.70	347.60	99.40%	N/A	N/A	N/A
R5/366	BEDROOM	W6/366	19.78	2.89	107.20	104.50	97.48%	N/A	N/A	N/A
R6/366	BEDROOM	W7/366	38.31	2.52	146.40	143.50	98.02%	N/A	N/A	N/A
R7/366	LKD	W8/366	10.71	1.24	330.90	325.80	98.46%	N/A	N/A	N/A
R8/366	LKD	W9/366	10.74	1.44	330.90	329.30	99.52%	N/A	N/A	N/A
R9/366	LKD	W10/366	11.00	1.45	349.70	346.20	99.00%	N/A	N/A	N/A
R10/366	BEDROOM	W11/366	11.36	2.96	107.20	105.90	98.79%	N/A	N/A	N/A
R11/366	BEDROOM	W12/366	38.25	2.48	146.40	142.80	97.54%	N/A	N/A	N/A
R12/366	LKD	W13/366	19.61	2.01	277.00	276.10	99.68%	N/A	N/A	N/A
R13/366	BEDROOM	W14/366	18.33	2.69	106.70	103.50	97.00%	N/A	N/A	N/A
R14/366	BEDROOM	W15/366	18.05	2.67	106.70	103.20	96.72%	N/A	N/A	N/A
R15/366	LKD	W16/366	18.09	1.90	277.00	276.00	99.64%	N/A	N/A	N/A
R16/366	LKD	W17/366	19.82	5.15	238.50	237.00	99.37%	N/A	N/A	N/A
		W18/366	33.40					N/A	N/A	N/A
R17/366	BEDROOM	W19/366	33.00	2.53	116.20	108.30	93.20%	N/A	N/A	N/A
R18/366	LKD	W20/366	24.22	5.48	297.40	290.40	97.65%	N/A	N/A	N/A
		W21/366	38.44					N/A	N/A	N/A
		W22/366	38.94					N/A	N/A	N/A
R19/366	BEDROOM	W23/366	39.07	4.46	139.10	136.60	98.20%	N/A	N/A	N/A
R20/366	LKD	W24/366	11.62	1.93	274.90	270.40	98.36%	7	4	11
R21/366	BEDROOM	W25/366	34.25	2.74	128.70	123.80	96.19%	19	4	23
R22/366	BEDROOM	W26/366	28.07	2.52	112.80	105.20	93.26%	22	7	29
R23/366	BEDROOM	W27/366	36.34	4.84	128.30	125.70	97.97%	25	7	32
R24/366	BEDROOM	W28/366	36.32	4.77	130.50	128.00	98.08%	24	5	29
R25/366	BEDROOM	W29/366	27.73	2.47	114.80	105.90	92.25%	12	0	12
7th Floor										
R1/367	LKD	W1/367	38.31	5.65	347.90	346.80	99.68%	37	27	64
		W2/367	39.61					27	10	37
R2/367	BEDROOM	W3/367	39.61	5.01	115.00	113.10	98.35%	N/A	N/A	N/A
R3/367	BEDROOM	W4/367	39.61	3.91	130.50	129.40	99.16%	N/A	N/A	N/A
R4/367	LKD	W5/367	39.61	3.38	328.40	327.50	99.73%	N/A	N/A	N/A
R5/367	LKD	W6/367	39.61	3.97	328.30	328.00	99.91%	N/A	N/A	N/A
R6/367	BEDROOM	W7/367	39.61	4.50	130.10	129.30	99.39%	N/A	N/A	N/A
R7/367	BEDROOM	W8/367	39.61	4.44	113.80	111.50	97.98%	N/A	N/A	N/A
R8/367	LKD	W9/367	39.60	3.85	344.10	342.00	99.39%	N/A	N/A	N/A
R9/367	BEDROOM	W10/367	39.60	8.01	109.00	108.70	99.72%	N/A	N/A	N/A
R10/367	BEDROOM	W11/367	39.59	5.67	97.90	96.90	98.98%	N/A	N/A	N/A
R11/367	BEDROOM	W12/367	39.59	5.81	94.70	94.00	99.26%	N/A	N/A	N/A
R12/367	LKD	W13/367	39.58	4.69	370.70	368.90	99.51%	N/A	N/A	N/A
		W14/367	37.44					N/A	N/A	N/A
R13/367	LKD	W16/367	35.71	4.16	274.90	274.00	99.67%	22	4	26
R14/367	BEDROOM	W17/367	36.13	2.79	128.90	124.50	96.59%	19	4	23
R15/367	BEDROOM	W18/367	30.96	2.63	112.80	107.00	94.86%	22	7	29
R16/367	BEDROOM	W19/367	38.22	2.94	128.30	124.10	96.73%	23	7	30
R17/367	BEDROOM	W20/367	38.21	2.90	130.50	126.40	96.86%	23	6	29
R18/367	BEDROOM	W21/367	30.58	2.58	114.80	108.00	94.08%	16	0	16
Block E										
Gnd Floor										
R1/370	BEDROOM	W1/370	20.06	1.77	117.70	84.60	71.88%	12	2	14
R2/370	LKD	W2/370	8.03	1.35	275.10	137.30	49.91%	2	0	2
R3/370	BEDROOM	W3/370	25.59	1.99	117.40	84.60	72.06%	10	3	13
R4/370	LKD	W4/370	7.54	1.06	259.90	117.20	45.09%	2	0	2
R5/370	LKD	W5/370	34.11	4.39	281.60	281.60	100.00%	23	22	45
		W6/370	21.59					17	1	18
R6/370	BEDROOM	W7/370	22.68	3.35	103.80	102.40	98.65%	N/A	N/A	N/A
R7/370	BEDROOM	W8/370	22.21	3.29	103.80	102.30	98.55%	N/A	N/A	N/A
R8/370	LKD	W9/370	20.02	2.44	280.20	280.00	99.93%	N/A	N/A	N/A

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R9/370	BEDROOM	W10/370	31.75	2.09	143.40	133.00	92.75%	N/A	N/A	N/A
R10/370	BEDROOM	W11/370	17.01	2.70	103.10	98.90	95.93%	N/A	N/A	N/A
R11/370	LKD	W12/370	18.25	2.30	351.70	318.00	90.42%	N/A	N/A	N/A
R12/370	LKD	W13/370	17.73	2.35	335.00	275.70	82.30%	N/A	N/A	N/A
R13/370	LKD	W14/370	16.37	2.19	336.00	230.30	68.54%	N/A	N/A	N/A
R14/370	BEDROOM	W15/370	28.88	1.90	143.40	101.40	70.71%	N/A	N/A	N/A
R15/370	BEDROOM	W16/370	15.50	2.51	103.10	99.60	96.61%	N/A	N/A	N/A
R16/370	LKD	W17/370	17.85	2.24	349.50	298.50	85.41%	N/A	N/A	N/A
R17/370	LKD	W18/370	16.98	2.62	328.70	316.00	96.14%	N/A	N/A	N/A
		W19/370	5.76					N/A	N/A	N/A
R18/370	BEDROOM	W20/370	11.76	3.40	128.90	122.50	95.03%	0	0	0
		W21/370	27.88					17	1	18
R19/370	BEDROOM	W22/370	21.95	3.28	117.60	112.40	95.58%	8	0	8
R20/370	BEDROOM	W23/370	18.95	1.78	116.40	99.60	85.57%	16	2	18
R21/370	BEDROOM	W24/370	24.02	3.38	129.70	118.90	91.67%	17	2	19
R22/370	BEDROOM	W25/370	24.19	3.40	129.80	117.60	90.60%	15	1	16
R23/370	BEDROOM	W26/370	20.17	1.86	116.40	98.20	84.36%	7	0	7
1st Floor										
R1/371	BEDROOM	W1/371	24.65	2.20	117.70	107.60	91.42%	15	3	18
R2/371	LKD	W2/371	8.22	1.37	275.10	152.90	55.58%	4	0	4
R3/371	BEDROOM	W3/371	28.58	2.35	117.40	105.40	89.78%	15	3	18
R4/371	LKD	W4/371	7.87	2.79	259.90	251.70	96.84%	4	0	4
		W5/371	36.41					21	24	45
R5/371	LKD	W6/371	37.10	4.36	281.60	281.60	100.00%	23	27	50
		W7/371	17.92					15	1	16
R6/371	BEDROOM	W8/371	18.63	3.04	103.80	102.40	98.65%	N/A	N/A	N/A
R7/371	BEDROOM	W9/371	18.20	2.98	103.80	102.30	98.55%	N/A	N/A	N/A
R8/371	LKD	W10/371	16.75	2.21	280.20	280.00	99.93%	N/A	N/A	N/A
R9/371	BEDROOM	W11/371	33.83	2.35	143.40	137.30	95.75%	N/A	N/A	N/A
R10/371	BEDROOM	W12/371	16.38	2.72	103.10	100.70	97.67%	N/A	N/A	N/A
R11/371	LKD	W13/371	17.76	2.28	351.70	319.00	90.70%	N/A	N/A	N/A
R12/371	LKD	W14/371	17.35	2.33	335.00	276.20	82.45%	N/A	N/A	N/A
R13/371	LKD	W15/371	16.17	2.15	336.00	240.70	71.64%	N/A	N/A	N/A
R14/371	BEDROOM	W16/371	31.46	2.18	143.40	123.10	85.84%	N/A	N/A	N/A
R15/371	BEDROOM	W17/371	12.67	2.24	103.10	100.70	97.67%	N/A	N/A	N/A
R16/371	LKD	W18/371	14.25	1.94	349.50	313.30	89.64%	N/A	N/A	N/A
R17/371	LKD	W19/371	13.74	2.36	328.70	321.30	97.75%	N/A	N/A	N/A
		W20/371	6.41					N/A	N/A	N/A
R18/371	BEDROOM	W21/371	12.44	3.67	128.90	123.50	95.81%	0	0	0
		W22/371	29.66					19	1	20
R19/371	BEDROOM	W23/371	23.32	3.64	117.60	112.40	95.58%	9	0	9
R20/371	BEDROOM	W24/371	21.09	2.05	116.40	108.80	93.47%	19	2	21
R21/371	BEDROOM	W25/371	26.65	3.87	129.70	125.40	96.68%	21	2	23
R22/371	BEDROOM	W26/371	26.54	3.86	129.80	125.60	96.76%	18	1	19
R23/371	BEDROOM	W27/371	21.88	2.11	116.40	108.20	92.96%	9	0	9
2nd Floor										
R1/372	BEDROOM	W1/372	27.23	2.41	117.70	112.70	95.75%	18	3	21
R2/372	LKD	W2/372	10.41	1.83	275.10	221.80	80.63%	7	1	8
R3/372	BEDROOM	W3/372	31.36	2.58	117.40	114.00	97.10%	17	4	21
R4/372	LKD	W4/372	10.23	3.29	259.90	253.50	97.54%	5	2	7
		W5/372	37.92					21	24	45
R5/372	LKD	W6/372	38.49	4.53	281.60	281.60	100.00%	23	28	51
		W7/372	18.97					15	1	16
R6/372	BEDROOM	W8/372	19.96	3.21	103.80	102.40	98.65%	N/A	N/A	N/A
R7/372	BEDROOM	W9/372	19.60	3.17	103.80	102.30	98.55%	N/A	N/A	N/A
R8/372	LKD	W10/372	18.17	2.37	280.20	280.00	99.93%	N/A	N/A	N/A
R9/372	BEDROOM	W11/372	35.76	2.46	143.40	140.70	98.12%	N/A	N/A	N/A
R10/372	BEDROOM	W12/372	18.28	3.00	103.10	100.70	97.67%	N/A	N/A	N/A
R11/372	LKD	W13/372	19.88	2.52	351.70	325.30	92.49%	N/A	N/A	N/A
R12/372	LKD	W14/372	19.58	2.60	335.00	291.30	86.96%	N/A	N/A	N/A
R13/372	LKD	W15/372	18.34	2.40	336.00	272.00	80.95%	N/A	N/A	N/A
R14/372	BEDROOM	W16/372	33.89	2.33	143.40	141.00	98.33%	N/A	N/A	N/A

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R15/372	BEDROOM	W17/372	14.88	2.60	103.10	100.80	97.77%	N/A	N/A	N/A
R16/372	LKD	W18/372	16.45	2.21	349.50	333.10	95.31%	N/A	N/A	N/A
R17/372	LKD	W19/372	15.72	2.64	328.70	327.40	99.60%	N/A	N/A	N/A
		W20/372	7.24					N/A	N/A	N/A
R18/372	BEDROOM	W21/372	13.12	3.79	128.90	123.50	95.81%	0	0	0
		W22/372	31.21					20	3	23
R19/372	BEDROOM	W23/372	24.41	3.76	117.60	112.40	95.58%	10	0	10
R20/372	BEDROOM	W24/372	22.85	2.18	116.40	108.90	93.56%	20	5	25
R21/372	BEDROOM	W25/372	28.68	4.11	129.70	125.90	97.07%	22	4	26
R22/372	BEDROOM	W26/372	28.55	4.10	129.80	125.80	96.92%	20	2	22
R23/372	BEDROOM	W27/372	23.40	2.22	116.40	108.70	93.38%	11	0	11
3rd Floor										
R1/373	BEDROOM	W1/373	29.75	2.61	117.70	112.70	95.75%	20	5	25
R2/373	LKD	W2/373	9.07	1.57	275.10	253.70	92.22%	6	2	8
R3/373	BEDROOM	W3/373	34.09	2.80	117.40	114.10	97.19%	20	5	25
R4/373	LKD	W4/373	9.07	3.13	259.90	256.90	98.85%	6	3	9
		W5/373	38.98					21	26	47
R5/373	LKD	W6/373	39.29	4.39	281.60	281.60	100.00%	23	28	51
		W7/373	18.55					14	1	15
R6/373	BEDROOM	W8/373	19.82	3.00	103.80	102.40	98.65%	N/A	N/A	N/A
R7/373	BEDROOM	W9/373	19.93	3.08	103.80	102.30	98.55%	N/A	N/A	N/A
R8/373	LKD	W10/373	19.36	2.48	280.20	280.00	99.93%	N/A	N/A	N/A
R9/373	BEDROOM	W11/373	37.45	2.56	143.40	140.70	98.12%	N/A	N/A	N/A
R10/373	BEDROOM	W12/373	20.02	3.24	103.10	100.70	97.67%	N/A	N/A	N/A
R11/373	LKD	W13/373	21.82	2.73	351.70	350.10	99.55%	N/A	N/A	N/A
R12/373	LKD	W14/373	21.63	2.83	335.00	334.90	99.97%	N/A	N/A	N/A
R13/373	LKD	W15/373	20.34	2.61	336.00	335.90	99.97%	N/A	N/A	N/A
R14/373	BEDROOM	W16/373	36.15	2.48	143.40	141.10	98.40%	N/A	N/A	N/A
R15/373	BEDROOM	W17/373	16.95	2.90	103.10	100.80	97.77%	N/A	N/A	N/A
R16/373	LKD	W18/373	18.52	2.45	349.50	348.30	99.66%	N/A	N/A	N/A
R17/373	LKD	W19/373	17.58	2.88	328.70	328.10	99.82%	N/A	N/A	N/A
		W20/373	8.54					N/A	N/A	N/A
R18/373	BEDROOM	W21/373	14.19	3.90	128.90	123.50	95.81%	0	0	0
		W22/373	32.73					21	3	24
R19/373	BEDROOM	W23/373	25.52	3.89	117.60	112.40	95.58%	12	0	12
R20/373	BEDROOM	W24/373	24.59	2.31	116.40	108.90	93.56%	21	5	26
R21/373	BEDROOM	W25/373	30.71	4.34	129.70	125.90	97.07%	22	5	27
R22/373	BEDROOM	W26/373	30.58	4.33	129.80	125.80	96.92%	20	3	23
R23/373	BEDROOM	W27/373	24.93	2.34	116.40	108.70	93.38%	11	0	11
4th Floor										
R1/374	BEDROOM	W1/374	27.30	2.97	131.50	127.10	96.65%	21	5	26
R2/374	BEDROOM	W2/374	33.87	3.41	138.80	134.40	96.83%	22	5	27
R3/374	LKD	W3/374	19.18	2.15	336.50	332.40	98.78%	N/A	N/A	N/A
R4/374	BEDROOM	W4/374	38.54	2.63	143.40	141.50	98.68%	N/A	N/A	N/A
R5/374	BEDROOM	W5/374	21.27	3.40	103.10	100.70	97.67%	N/A	N/A	N/A
R6/374	LKD	W6/374	23.25	2.87	351.70	350.10	99.55%	N/A	N/A	N/A
R7/374	LKD	W7/374	23.21	2.99	335.00	334.90	99.97%	N/A	N/A	N/A
R8/374	LKD	W8/374	21.93	2.83	336.00	336.00	100.00%	N/A	N/A	N/A
R9/374	BEDROOM	W9/374	37.94	2.59	143.40	141.10	98.40%	N/A	N/A	N/A
R10/374	BEDROOM	W10/374	18.73	3.14	103.10	100.70	97.67%	N/A	N/A	N/A
R11/374	LKD	W11/374	20.36	2.64	349.50	348.30	99.66%	N/A	N/A	N/A
R12/374	LKD	W12/374	19.35	2.99	328.70	328.60	99.97%	N/A	N/A	N/A
		W13/374	10.92					N/A	N/A	N/A
R13/374	BEDROOM	W14/374	16.12	4.07	128.90	122.50	95.03%	0	0	0
		W15/374	34.23					22	3	25
R14/374	BEDROOM	W16/374	26.54	4.00	117.60	112.30	95.49%	13	0	13
R15/374	BEDROOM	W17/374	26.24	2.43	116.40	108.90	93.56%	22	5	27
R16/374	BEDROOM	W18/374	32.95	2.76	129.70	123.10	94.91%	23	5	28
R17/374	BEDROOM	W19/374	32.87	2.75	129.80	123.20	94.92%	22	3	25
R18/374	BEDROOM	W20/374	26.43	2.44	116.40	108.80	93.47%	13	0	13

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
5th Floor										
R1/375	BEDROOM	W1/375	29.05	3.12	131.50	127.10	96.65%	22	7	29
R2/375	BEDROOM	W2/375	35.89	3.59	138.80	134.40	96.83%	23	7	30
R3/375	LKD	W3/375	19.57	2.18	336.50	332.40	98.78%	N/A	N/A	N/A
R4/375	BEDROOM	W4/375	39.16	2.66	143.40	141.50	98.68%	N/A	N/A	N/A
R5/375	BEDROOM	W5/375	21.91	3.48	103.10	100.70	97.67%	N/A	N/A	N/A
R6/375	LKD	W6/375	23.95	2.94	351.70	350.10	99.55%	N/A	N/A	N/A
R7/375	LKD	W7/375	23.97	3.07	335.00	334.90	99.97%	N/A	N/A	N/A
R8/375	LKD	W8/375	22.68	2.90	336.00	336.00	100.00%	N/A	N/A	N/A
R9/375	BEDROOM	W9/375	38.91	2.65	143.40	141.10	98.40%	N/A	N/A	N/A
R10/375	BEDROOM	W10/375	19.74	3.28	103.10	100.70	97.67%	N/A	N/A	N/A
R11/375	LKD	W11/375	21.47	2.76	349.50	348.30	99.66%	N/A	N/A	N/A
R12/375	LKD	W12/375	20.39	3.43	328.70	328.60	99.97%	N/A	N/A	N/A
		W13/375	15.78					N/A	N/A	N/A
R13/375	BEDROOM	W14/375	20.04	4.45	128.90	123.70	95.97%	0	0	0
		W15/375	35.72					22	5	27
R14/375	BEDROOM	W16/375	27.53	4.11	117.60	112.30	95.49%	13	1	14
R15/375	BEDROOM	W17/375	27.82	2.53	116.40	108.90	93.56%	22	7	29
R16/375	BEDROOM	W18/375	34.92	2.88	129.70	123.10	94.91%	23	7	30
R17/375	BEDROOM	W19/375	34.89	2.88	129.80	123.20	94.92%	22	5	27
R18/375	BEDROOM	W20/375	27.88	2.54	116.40	108.80	93.47%	14	1	15
6th Floor										
R1/376	BEDROOM	W1/376	30.07	3.18	131.50	127.10	96.65%	22	7	29
R2/376	BEDROOM	W2/376	37.12	3.66	138.80	134.60	96.97%	23	7	30
R3/376	LKD	W3/376	18.97	2.01	336.50	332.40	98.78%	N/A	N/A	N/A
R4/376	BEDROOM	W4/376	39.58	2.68	143.40	141.50	98.68%	N/A	N/A	N/A
R5/376	BEDROOM	W5/376	22.30	3.52	103.10	100.70	97.67%	N/A	N/A	N/A
R6/376	LKD	W6/376	24.36	2.98	351.70	350.10	99.55%	N/A	N/A	N/A
R7/376	LKD	W7/376	24.41	3.12	335.00	334.90	99.97%	N/A	N/A	N/A
R8/376	LKD	W8/376	23.05	2.93	336.00	336.00	100.00%	N/A	N/A	N/A
R9/376	BEDROOM	W9/376	39.52	2.68	143.40	141.10	98.40%	N/A	N/A	N/A
R10/376	BEDROOM	W10/376	19.57	3.07	103.10	100.70	97.67%	N/A	N/A	N/A
R11/376	LKD	W11/376	21.30	2.58	349.50	348.30	99.66%	N/A	N/A	N/A
R12/376	LKD	W12/376	20.15	3.76	328.70	328.60	99.97%	N/A	N/A	N/A
		W13/376	25.37					N/A	N/A	N/A
R13/376	BEDROOM	W14/376	27.92	5.11	128.90	124.10	96.28%	0	0	0
		W15/376	36.86					22	5	27
R14/376	BEDROOM	W16/376	28.36	4.16	117.60	112.50	95.66%	13	1	14
R15/376	BEDROOM	W17/376	28.93	2.58	116.40	109.10	93.73%	22	7	29
R16/376	BEDROOM	W18/376	36.41	2.93	129.70	123.90	95.53%	23	7	30
R17/376	BEDROOM	W19/376	36.41	2.93	129.80	124.10	95.61%	22	5	27
R18/376	BEDROOM	W20/376	28.92	2.58	116.40	109.00	93.64%	14	1	15
7th Floor										
R1/377	BEDROOM	W1/377	36.87	9.71	138.50	138.50	100.00%	28	28	56
		W2/377	37.89					25	10	35
R2/377	BEDROOM	W3/377	37.80	5.62	103.10	101.40	98.35%	N/A	N/A	N/A
R3/377	LKD	W4/377	37.80	4.49	351.70	350.30	99.60%	N/A	N/A	N/A
R4/377	LKD	W5/377	37.79	4.69	335.00	334.90	99.97%	N/A	N/A	N/A
R5/377	LKD	W6/377	37.79	4.67	336.00	336.00	100.00%	N/A	N/A	N/A
R6/377	BEDROOM	W7/377	37.79	4.29	138.50	137.40	99.21%	N/A	N/A	N/A
R7/377	BEDROOM	W8/377	37.80	5.52	103.10	101.90	98.84%	N/A	N/A	N/A
R8/377	LKD	W9/377	37.84	5.76	349.50	349.40	99.97%	N/A	N/A	N/A
		W10/377	33.85					N/A	N/A	N/A
R9/377	BEDROOM	W11/377	30.56	4.51	116.40	113.70	97.68%	25	7	32
R10/377	BEDROOM	W12/377	37.75	3.07	129.70	126.60	97.61%	24	7	31
R11/377	BEDROOM	W13/377	37.75	3.06	129.80	126.70	97.61%	24	6	30
R12/377	BEDROOM	W14/377	30.34	4.50	116.40	113.60	97.59%	16	1	17

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
Block F										
Gnd Floor										
R1/380	BEDROOM	W1/380	31.61	4.42	138.60	135.80	97.98%	39	18	57
R2/380	LKD	W2/380	30.30	3.59	290.50	269.60	92.81%	38	18	56
		W3/380	32.30					38	18	56
R3/380	BEDROOM	W5/380	7.68	1.82	117.20	45.70	38.99%	12	9	21
R4/380	LKD	W6/380	13.44	2.53	235.70	222.80	94.53%	N/A	N/A	N/A
R5/380	LKD	W7/380	13.92	2.29	281.90	194.00	68.82%	N/A	N/A	N/A
R6/380	BEDROOM	W8/380	15.27	3.00	104.00	101.20	97.31%	N/A	N/A	N/A
R7/380	BEDROOM	W9/380	15.39	3.01	104.20	99.50	95.49%	N/A	N/A	N/A
R8/380	LKD	W10/380	13.11	2.22	278.50	193.80	69.59%	N/A	N/A	N/A
R9/380	BEDROOM	W11/380	23.83	1.48	146.30	97.80	66.85%	N/A	N/A	N/A
R10/380	BEDROOM	W12/380	15.46	2.42	107.50	102.10	94.98%	N/A	N/A	N/A
R11/380	LKD	W13/380	16.59	2.38	345.90	293.60	84.88%	N/A	N/A	N/A
R12/380	LKD	W14/380	14.64	2.50	334.20	298.20	89.23%	N/A	N/A	N/A
R13/380	LKD	W15/380	16.32	2.69	332.60	320.70	96.42%	N/A	N/A	N/A
R14/380	STUDIO	W16/380	17.83	2.40	329.90	254.50	77.14%	N/A	N/A	N/A
R15/380	LKD	W17/380	14.99	1.95	257.00	190.10	73.97%	N/A	N/A	N/A
R16/380	BEDROOM	W18/380	26.40	2.07	112.60	94.80	84.19%	N/A	N/A	N/A
R17/380	BEDROOM	W19/380	26.91	1.63	144.70	131.50	90.88%	N/A	N/A	N/A
R18/380	BEDROOM	W20/380	17.46	4.58	107.30	106.30	99.07%	N/A	N/A	N/A
R19/380	LKD	W21/380	20.39	4.42	347.20	346.00	99.65%	N/A	N/A	N/A
		W22/380	35.19					N/A	N/A	N/A
R20/380	LKD	W23/380	33.22	3.94	275.30	273.90	99.49%	6	0	6
		W24/380	16.49					19	6	25
R21/380	BEDROOM	W25/380	30.11	2.08	122.80	114.50	93.24%	32	12	44
R22/380	LKD	W26/380	10.13	2.02	277.20	272.80	98.41%	11	4	15
R23/380	BEDROOM	W27/380	25.48	1.86	121.40	110.80	91.27%	28	6	34
R24/380	BEDROOM	W28/380	19.67	1.55	115.50	102.20	88.48%	24	10	34
R25/380	BEDROOM	W29/380	28.89	4.64	128.40	125.40	97.66%	37	14	51
R26/380	BEDROOM	W30/380	30.62	4.86	127.90	125.10	97.81%	34	13	47
R27/380	BEDROOM	W31/380	25.98	2.01	104.00	92.40	88.85%	28	9	37
R28/380	LKD	W32/380	12.80	2.35	266.30	257.00	96.51%	12	4	16
R29/380	BEDROOM	W33/380	5.31	2.52	118.60	110.20	92.92%	5	0	5
		W34/380	22.90					23	5	28
1st Floor										
R1/381	BEDROOM	W1/381	34.03	5.14	138.60	136.40	98.41%	40	19	59
R2/381	LKD	W2/381	31.98	3.93	290.50	270.80	93.22%	39	18	57
		W3/381	34.18					42	19	61
R3/381	BEDROOM	W5/381	7.95	1.96	117.20	45.70	38.99%	13	9	22
R4/381	LKD	W6/381	12.48	2.45	235.70	223.90	94.99%	N/A	N/A	N/A
R5/381	LKD	W7/381	12.95	2.22	281.90	202.00	71.66%	N/A	N/A	N/A
R6/381	BEDROOM	W8/381	14.15	2.93	104.00	101.60	97.69%	N/A	N/A	N/A
R7/381	BEDROOM	W9/381	14.24	2.94	104.20	100.80	96.74%	N/A	N/A	N/A
R8/381	LKD	W10/381	12.22	2.15	278.50	198.70	71.35%	N/A	N/A	N/A
R9/381	BEDROOM	W11/381	25.27	1.63	146.30	107.60	73.55%	N/A	N/A	N/A
R10/381	BEDROOM	W12/381	13.78	4.04	107.50	106.40	98.98%	N/A	N/A	N/A
R11/381	LKD	W13/381	15.28	2.29	345.90	297.10	85.89%	N/A	N/A	N/A
R12/381	LKD	W14/381	13.57	2.41	334.20	303.30	90.75%	N/A	N/A	N/A
R13/381	LKD	W15/381	15.05	2.60	332.60	323.70	97.32%	N/A	N/A	N/A
R14/381	STUDIO	W16/381	16.35	2.42	329.90	255.10	77.33%	N/A	N/A	N/A
R15/381	LKD	W17/381	15.00	1.15	257.00	153.90	59.88%	N/A	N/A	N/A
R16/381	BEDROOM	W18/381	27.51	2.26	112.60	101.20	89.88%	N/A	N/A	N/A
R17/381	BEDROOM	W19/381	28.00	1.77	144.70	137.20	94.82%	N/A	N/A	N/A
R18/381	BEDROOM	W20/381	16.06	4.49	107.30	106.30	99.07%	N/A	N/A	N/A
R19/381	LKD	W21/381	18.69	4.48	347.20	346.00	99.65%	N/A	N/A	N/A
		W22/381	35.56					N/A	N/A	N/A
R20/381	LKD	W23/381	33.52	3.97	275.30	273.90	99.49%	6	0	6
		W24/381	15.51					14	7	21

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R21/381	BEDROOM	W25/381	31.94	2.30	122.80	114.50	93.24%	32	13	45
R22/381	LKD	W26/381	9.98	2.06	277.20	272.80	98.41%	10	4	14
R23/381	BEDROOM	W27/381	27.46	2.07	121.40	110.80	91.27%	28	8	36
R24/381	BEDROOM	W28/381	22.56	1.80	115.50	103.10	89.26%	27	14	41
R25/381	BEDROOM	W29/381	31.65	5.22	128.40	125.10	97.43%	37	16	53
R26/381	BEDROOM	W30/381	33.32	5.48	127.90	125.00	97.73%	35	15	50
R27/381	BEDROOM	W31/381	29.21	2.33	104.00	93.40	89.81%	28	10	38
R28/381	LKD	W32/381	12.89	2.43	266.30	263.70	99.02%	11	5	16
R29/381	BEDROOM	W33/381	4.56	2.75	118.60	104.90	88.45%	6	0	6
		W34/381	25.38					25	6	31
2nd Floor										
R1/382	BEDROOM	W1/382	35.38	5.32	138.60	136.60	98.56%	42	20	62
R2/382	LKD	W2/382	32.93	4.03	290.50	271.30	93.39%	40	20	60
		W3/382	35.27					42	19	61
R3/382	BEDROOM	W5/382	8.54	2.04	117.20	45.70	38.99%	14	9	23
R4/382	LKD	W6/382	13.97	2.66	235.70	224.90	95.42%	N/A	N/A	N/A
R5/382	LKD	W7/382	14.13	2.36	281.90	209.80	74.42%	N/A	N/A	N/A
R6/382	BEDROOM	W8/382	15.54	3.14	104.00	102.30	98.37%	N/A	N/A	N/A
R7/382	BEDROOM	W9/382	15.61	3.14	104.20	103.00	98.85%	N/A	N/A	N/A
R8/382	LKD	W10/382	13.53	2.31	278.50	207.80	74.61%	N/A	N/A	N/A
R9/382	BEDROOM	W11/382	26.56	1.69	146.30	118.10	80.72%	N/A	N/A	N/A
R10/382	BEDROOM	W12/382	14.78	4.24	107.50	106.40	98.98%	N/A	N/A	N/A
R11/382	LKD	W13/382	16.48	2.42	345.90	304.50	88.03%	N/A	N/A	N/A
R12/382	LKD	W14/382	14.71	2.55	334.20	312.10	93.39%	N/A	N/A	N/A
R13/382	LKD	W15/382	15.99	2.71	332.60	327.00	98.32%	N/A	N/A	N/A
R14/382	STUDIO	W16/382	17.42	2.53	329.90	255.20	77.36%	N/A	N/A	N/A
R15/382	LKD	W17/382	16.01	1.20	257.00	177.00	68.87%	N/A	N/A	N/A
R16/382	BEDROOM	W18/382	28.47	2.31	112.60	104.70	92.98%	N/A	N/A	N/A
R17/382	BEDROOM	W19/382	28.92	1.81	144.70	139.40	96.34%	N/A	N/A	N/A
R18/382	BEDROOM	W20/382	16.77	4.62	107.30	106.30	99.07%	N/A	N/A	N/A
R19/382	LKD	W21/382	19.57	4.55	347.20	346.00	99.65%	N/A	N/A	N/A
		W22/382	35.65					N/A	N/A	N/A
R20/382	LKD	W23/382	33.57	4.05	275.30	273.90	99.49%	6	0	6
		W24/382	16.14					14	7	21
R21/382	BEDROOM	W25/382	32.99	2.37	122.80	114.50	93.24%	32	13	45
R22/382	LKD	W26/382	10.95	2.19	277.20	272.80	98.41%	10	5	15
R23/382	BEDROOM	W27/382	28.74	2.14	121.40	110.80	91.27%	28	9	37
R24/382	BEDROOM	W28/382	24.07	1.88	115.50	103.10	89.26%	27	16	43
R25/382	BEDROOM	W29/382	33.49	5.46	128.40	125.10	97.43%	37	18	55
R26/382	BEDROOM	W30/382	35.23	5.74	127.90	125.00	97.73%	36	17	53
R27/382	BEDROOM	W31/382	30.94	2.43	104.00	93.40	89.81%	29	11	40
R28/382	LKD	W32/382	14.67	2.65	266.30	263.70	99.02%	12	6	18
R29/382	BEDROOM	W33/382	4.79	2.87	118.60	104.90	88.45%	6	0	6
		W34/382	27.13					26	7	33
3rd Floor										
R1/383	BEDROOM	W1/383	36.10	5.41	138.60	136.60	98.56%	42	22	64
R2/383	LKD	W2/383	33.37	4.10	290.50	272.50	93.80%	40	20	60
		W3/383	36.06					43	19	62
R3/383	BEDROOM	W5/383	10.59	2.30	117.20	47.30	40.36%	16	9	25
R4/383	LKD	W6/383	15.45	2.85	235.70	227.90	96.69%	N/A	N/A	N/A
R5/383	LKD	W7/383	15.28	2.49	281.90	226.80	80.45%	N/A	N/A	N/A
R6/383	BEDROOM	W8/383	16.91	3.33	104.00	102.30	98.37%	N/A	N/A	N/A
R7/383	BEDROOM	W9/383	16.95	3.33	104.20	103.00	98.85%	N/A	N/A	N/A
R8/383	LKD	W10/383	14.84	2.46	278.50	225.70	81.04%	N/A	N/A	N/A
R9/383	BEDROOM	W11/383	27.83	1.75	146.30	129.30	88.38%	N/A	N/A	N/A
R10/383	BEDROOM	W12/383	15.74	4.42	107.50	106.40	98.98%	N/A	N/A	N/A
R11/383	LKD	W13/383	17.65	2.54	345.90	319.70	92.43%	N/A	N/A	N/A
R12/383	LKD	W14/383	15.84	2.69	334.20	324.80	97.19%	N/A	N/A	N/A
R13/383	LKD	W15/383	16.88	2.81	332.60	331.30	99.61%	N/A	N/A	N/A
R14/383	STUDIO	W16/383	18.44	2.63	329.90	255.60	77.48%	N/A	N/A	N/A
R15/383	LKD	W17/383	17.00	1.25	257.00	202.10	78.64%	N/A	N/A	N/A
R16/383	BEDROOM	W18/383	29.39	2.37	112.60	104.70	92.98%	N/A	N/A	N/A

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R17/383	BEDROOM	W19/383	29.81	1.85	144.70	139.30	96.27%	N/A	N/A	N/A
R18/383	BEDROOM	W20/383	17.43	4.75	107.30	106.30	99.07%	N/A	N/A	N/A
R19/383	LKD	W21/383	20.40	4.61	347.20	346.00	99.65%	N/A	N/A	N/A
		W22/383	35.71					N/A	N/A	N/A
R20/383	LKD	W23/383	33.58	4.09	275.30	273.90	99.49%	6	0	6
		W24/383	16.54					14	7	21
R21/383	BEDROOM	W25/383	33.58	2.40	122.80	114.50	93.24%	32	13	45
R22/383	LKD	W26/383	11.63	2.27	277.20	272.80	98.41%	10	5	15
R23/383	BEDROOM	W27/383	29.52	2.18	121.40	110.80	91.27%	28	9	37
R24/383	BEDROOM	W28/383	24.99	1.92	115.50	103.10	89.26%	27	16	43
R25/383	BEDROOM	W29/383	34.83	5.63	128.40	125.10	97.43%	37	19	56
R26/383	BEDROOM	W30/383	36.63	5.92	127.90	125.00	97.73%	38	17	55
R27/383	BEDROOM	W31/383	31.83	2.49	104.00	93.40	89.81%	29	11	40
R28/383	LKD	W32/383	15.67	2.76	266.30	263.70	99.02%	12	6	18
R29/383	BEDROOM	W33/383	4.95	2.93	118.60	104.90	88.45%	6	0	6
		W34/383	27.92					26	7	33
4th Floor										
R1/384	BEDROOM	W1/384	36.28	5.44	138.60	136.60	98.56%	42	23	65
R2/384	LKD	W2/384	33.46	4.14	290.50	275.10	94.70%	40	22	62
		W3/384	36.55					43	20	63
R3/384	BEDROOM	W5/384	15.20	2.82	117.20	53.20	45.39%	30	9	39
R4/384	LKD	W6/384	30.53	4.87	235.70	233.30	98.98%	N/A	N/A	N/A
R5/384	LKD	W7/384	29.18	4.12	281.90	253.80	90.03%	N/A	N/A	N/A
R6/384	BEDROOM	W8/384	30.54	5.37	104.00	102.30	98.37%	N/A	N/A	N/A
R7/384	BEDROOM	W9/384	19.80	3.70	104.20	103.00	98.85%	N/A	N/A	N/A
R8/384	LKD	W10/384	16.27	2.62	278.50	253.00	90.84%	N/A	N/A	N/A
R9/384	BEDROOM	W11/384	29.07	1.81	146.30	140.60	96.10%	N/A	N/A	N/A
R10/384	BEDROOM	W12/384	16.67	4.60	107.50	106.40	98.98%	N/A	N/A	N/A
R11/384	LKD	W13/384	18.78	2.65	345.90	337.90	97.69%	N/A	N/A	N/A
R12/384	LKD	W14/384	16.93	2.81	334.20	333.30	99.73%	N/A	N/A	N/A
R13/384	LKD	W15/384	17.75	2.91	332.60	332.50	99.97%	N/A	N/A	N/A
R14/384	STUDIO	W16/384	19.42	2.73	329.90	258.50	78.36%	N/A	N/A	N/A
R15/384	LKD	W17/384	17.94	1.30	257.00	230.10	89.53%	N/A	N/A	N/A
R16/384	BEDROOM	W18/384	30.26	2.42	112.60	104.70	92.98%	N/A	N/A	N/A
R17/384	BEDROOM	W19/384	30.65	1.89	144.70	139.40	96.34%	N/A	N/A	N/A
R18/384	BEDROOM	W20/384	18.05	4.86	107.30	106.30	99.07%	N/A	N/A	N/A
R19/384	LKD	W21/384	21.18	4.67	347.20	346.00	99.65%	N/A	N/A	N/A
		W22/384	35.91					N/A	N/A	N/A
R20/384	LKD	W23/384	33.58	4.09	275.30	273.90	99.49%	6	0	6
		W24/384	16.54					14	7	21
R21/384	BEDROOM	W25/384	33.58	2.40	122.80	114.50	93.24%	32	13	45
R22/384	LKD	W26/384	11.63	2.27	277.20	272.80	98.41%	10	5	15
R23/384	BEDROOM	W27/384	29.56	2.19	121.40	110.80	91.27%	28	9	37
R24/384	BEDROOM	W28/384	25.27	1.94	115.50	103.10	89.26%	27	16	43
R25/384	BEDROOM	W29/384	35.35	5.70	128.40	126.10	98.21%	37	19	56
R26/384	BEDROOM	W30/384	37.11	6.00	127.90	126.10	98.59%	38	18	56
R27/384	BEDROOM	W31/384	32.83	2.55	104.00	94.80	91.15%	34	11	45
R28/384	LKD	W32/384	15.67	2.76	266.30	263.70	99.02%	12	6	18
R29/384	BEDROOM	W33/384	4.95	2.93	118.60	104.90	88.45%	6	0	6
		W34/384	27.92					26	7	33
5th Floor										
R1/385	BEDROOM	W1/385	36.48	5.46	138.60	136.60	98.56%	42	23	65
R2/385	LKD	W2/385	33.53	6.61	290.50	285.20	98.18%	40	22	62
		W3/385	37.04					43	23	66
		W4/385	32.42					48	22	70
R3/385	BEDROOM	W5/385	34.04	5.88	104.20	103.10	98.94%	N/A	N/A	N/A
R4/385	LKD	W6/385	29.84	4.24	278.50	278.40	99.96%	N/A	N/A	N/A
R5/385	BEDROOM	W7/385	30.27	1.86	146.30	140.50	96.04%	N/A	N/A	N/A
R6/385	BEDROOM	W8/385	19.47	5.20	107.50	106.40	98.98%	N/A	N/A	N/A
R7/385	LKD	W9/385	22.12	3.02	345.90	344.00	99.45%	N/A	N/A	N/A
R8/385	LKD	W10/385	19.94	3.20	334.20	334.10	99.97%	N/A	N/A	N/A
R9/385	LKD	W11/385	20.54	3.27	332.60	332.50	99.97%	N/A	N/A	N/A

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R10/385	STUDIO	W12/385	22.63	2.97	329.90	259.90	78.78%	N/A	N/A	N/A
R11/385	LKD	W13/385	19.56	2.44	257.00	255.70	99.49%	N/A	N/A	N/A
R12/385	BEDROOM	W14/385	31.07	2.47	112.60	104.70	92.98%	N/A	N/A	N/A
R13/385	BEDROOM	W15/385	31.42	1.93	144.70	139.40	96.34%	N/A	N/A	N/A
R14/385	BEDROOM	W16/385	32.21	4.47	107.30	103.70	96.64%	N/A	N/A	N/A
R15/385	LKD	W17/385	35.91	5.92	347.20	346.50	99.80%	N/A	N/A	N/A
		W18/385	36.55					N/A	N/A	N/A
R16/385	LKD	W19/385	33.58	4.34	275.30	273.90	99.49%	6	0	6
		W20/385	18.53					17	7	24
R17/385	BEDROOM	W21/385	33.58	2.40	122.80	114.50	93.24%	32	13	45
R18/385	LKD	W22/385	27.60	4.14	277.20	274.70	99.10%	29	7	36
R19/385	BEDROOM	W23/385	30.20	2.22	121.40	110.80	91.27%	29	9	38
R20/385	BEDROOM	W24/385	27.38	2.05	115.50	105.40	91.26%	27	16	43
R21/385	BEDROOM	W25/385	36.53	5.88	128.40	126.70	98.68%	37	19	56
R22/385	BEDROOM	W26/385	37.62	6.08	127.90	126.20	98.67%	38	19	57
R23/385	BEDROOM	W27/385	34.20	2.65	104.00	94.90	91.25%	32	15	47
R24/385	LKD	W28/385	29.25	4.36	266.30	264.40	99.29%	28	7	35
R25/385	BEDROOM	W29/385	16.45	3.68	118.60	117.20	98.82%	6	0	6
		W30/385	28.42					27	7	34
Gnd Floor										
R1/390	BEDROOM	W1/390	32.45	1.66	121.40	110.80	91.27%	24	9	33
R2/390	LKD	W2/390	14.43	2.18	277.50	273.10	98.41%	10	7	17
R3/390	BEDROOM	W3/390	37.51	1.68	123.10	114.40	92.93%	25	9	34
R4/390	LKD	W4/390	19.25	3.31	274.40	273.00	99.49%	14	12	26
		W5/390	29.84					19	10	29
R5/390	LKD	W6/390	29.21	3.32	347.60	335.80	96.61%	38	13	51
		W7/390	19.76					15	2	17
R6/390	BEDROOM	W8/390	15.93	3.55	107.40	103.70	96.55%	N/A	N/A	N/A
R7/390	BEDROOM	W9/390	28.20	1.04	145.00	83.10	57.31%	N/A	N/A	N/A
R8/390	BEDROOM	W10/390	27.31	1.28	112.60	58.50	51.95%	N/A	N/A	N/A
R9/390	LKD	W11/390	13.17	1.32	256.30	114.90	44.83%	N/A	N/A	N/A
R10/390	STUDIO	W12/390	15.03	1.69	329.90	160.00	48.50%	N/A	N/A	N/A
R11/390	LKD	W13/390	12.53	1.70	332.60	149.60	44.98%	N/A	N/A	N/A
R12/390	LKD	W14/390	12.13	1.58	332.60	120.70	36.29%	N/A	N/A	N/A
R13/390	LKD	W15/390	13.85	1.61	348.00	125.00	35.92%	N/A	N/A	N/A
R14/390	BEDROOM	W16/390	11.26	2.44	107.30	95.50	89.00%	N/A	N/A	N/A
R15/390	BEDROOM	W17/390	24.96	0.87	146.30	65.90	45.04%	N/A	N/A	N/A
R16/390	LKD	W18/390	12.38	1.60	277.40	113.10	40.77%	N/A	N/A	N/A
R17/390	BEDROOM	W19/390	14.41	2.13	104.10	88.80	85.30%	N/A	N/A	N/A
R18/390	BEDROOM	W20/390	14.57	2.17	104.20	83.60	80.23%	N/A	N/A	N/A
R19/390	LKD	W21/390	12.42	1.57	278.20	126.10	45.33%	N/A	N/A	N/A
R20/390	LKD	W22/390	14.80	2.13	235.70	211.50	89.73%	N/A	N/A	N/A
R21/390	BEDROOM	W23/390	9.70	0.49	116.30	16.10	13.84%	N/A	N/A	N/A
R22/390	LKD	W24/390	8.88	3.87	289.70	267.50	92.34%	3	0	3
		W25/390	34.03					22	7	29
		W26/390	35.49					19	4	23
R23/390	BEDROOM	W27/390	34.83	4.16	138.60	135.90	98.05%	24	7	31
R24/390	BEDROOM	W28/390	31.25	2.24	118.60	104.60	88.20%	24	9	33
		W29/390	6.69					0	7	7
R25/390	LKD	W30/390	18.85	2.65	266.30	263.70	99.02%	11	12	23
R26/390	BEDROOM	W31/390	33.68	1.81	103.70	92.20	88.91%	25	9	34
R27/390	BEDROOM	W32/390	35.60	4.65	128.40	125.60	97.82%	30	13	43
R28/390	BEDROOM	W33/390	34.14	4.48	128.50	125.20	97.43%	29	12	41
R29/390	BEDROOM	W34/390	26.71	1.43	115.50	102.20	88.48%	20	4	24

AVISON YOUNG

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
1st Floor										
R1/391	BEDROOM	W1/391	33.22	1.79	121.40	110.80	91.27%	24	9	33
R2/391	LKD	W2/391	13.23	2.12	277.50	273.10	98.41%	6	7	13
R3/391	BEDROOM	W3/391	38.53	1.81	123.10	114.40	92.93%	25	9	34
R4/391	LKD	W4/391	18.04	3.39	274.40	273.00	99.49%	12	12	24
		W5/391	33.93					19	16	35
R5/391	LKD	W6/391	32.60	3.53	347.60	336.20	96.72%	38	19	57
		W7/391	18.99					14	2	16
R6/391	BEDROOM	W8/391	15.56	3.55	107.40	104.60	97.39%	N/A	N/A	N/A
R7/391	BEDROOM	W9/391	30.34	1.18	145.00	95.30	65.72%	N/A	N/A	N/A
R8/391	BEDROOM	W10/391	29.52	1.47	112.60	69.60	61.81%	N/A	N/A	N/A
R9/391	LKD	W11/391	13.02	1.30	256.30	133.60	52.13%	N/A	N/A	N/A
R10/391	STUDIO	W12/391	14.72	1.67	329.90	174.90	53.02%	N/A	N/A	N/A
R11/391	LKD	W13/391	12.44	1.67	332.60	167.50	50.36%	N/A	N/A	N/A
R12/391	LKD	W14/391	11.92	1.52	332.60	148.50	44.65%	N/A	N/A	N/A
R13/391	LKD	W15/391	13.40	1.54	348.00	150.80	43.33%	N/A	N/A	N/A
R14/391	BEDROOM	W16/391	11.08	2.37	107.30	101.90	94.97%	N/A	N/A	N/A
R15/391	BEDROOM	W17/391	27.07	1.01	146.30	79.90	54.61%	N/A	N/A	N/A
R16/391	LKD	W18/391	11.94	1.51	277.40	129.40	46.65%	N/A	N/A	N/A
R17/391	BEDROOM	W19/391	13.82	2.04	104.10	96.70	92.89%	N/A	N/A	N/A
R18/391	BEDROOM	W20/391	13.95	2.08	104.20	86.30	82.82%	N/A	N/A	N/A
R19/391	LKD	W21/391	12.05	1.50	278.20	150.30	54.03%	N/A	N/A	N/A
R20/391	LKD	W22/391	14.06	2.03	235.70	213.10	90.41%	N/A	N/A	N/A
R21/391	BEDROOM	W23/391	10.96	0.54	116.30	16.10	13.84%	N/A	N/A	N/A
R22/391	LKD	W24/391	8.70	4.11	289.70	268.90	92.82%	4	0	4
		W25/391	35.88					25	7	32
		W26/391	36.96					20	4	24
R23/391	BEDROOM	W27/391	36.53	4.55	138.60	136.50	98.48%	25	7	32
R24/391	BEDROOM	W28/391	31.92	2.32	118.60	110.20	92.92%	24	9	33
		W29/391	5.60					0	6	6
R25/391	LKD	W30/391	17.36	2.57	266.30	263.70	99.02%	7	11	18
R26/391	BEDROOM	W31/391	34.34	2.04	103.70	93.20	89.87%	25	11	36
R27/391	BEDROOM	W32/391	36.80	5.10	128.40	125.50	97.74%	32	13	45
R28/391	BEDROOM	W33/391	35.28	4.87	128.50	125.20	97.43%	31	11	42
R29/391	BEDROOM	W34/391	27.29	1.59	115.50	103.10	89.26%	20	4	24
2nd Floor										
R1/392	BEDROOM	W1/392	33.52	1.79	121.40	110.80	91.27%	24	9	33
R2/392	LKD	W2/392	13.30	2.12	277.50	273.10	98.41%	6	7	13
R3/392	BEDROOM	W3/392	38.97	1.81	123.10	114.40	92.93%	25	9	34
R4/392	LKD	W4/392	18.40	3.50	274.40	273.00	99.49%	12	12	24
		W5/392	37.45					19	21	40
R5/392	LKD	W6/392	35.66	3.79	347.60	343.90	98.94%	38	22	60
		W7/392	20.63					15	3	18
R6/392	BEDROOM	W8/392	17.14	3.82	107.40	106.30	98.98%	N/A	N/A	N/A
R7/392	BEDROOM	W9/392	32.20	1.25	145.00	104.50	72.07%	N/A	N/A	N/A
R8/392	BEDROOM	W10/392	31.45	1.57	112.60	78.10	69.36%	N/A	N/A	N/A
R9/392	LKD	W11/392	14.76	1.48	256.30	156.50	61.06%	N/A	N/A	N/A
R10/392	STUDIO	W12/392	16.64	1.87	329.90	195.50	59.26%	N/A	N/A	N/A
R11/392	LKD	W13/392	14.39	1.93	332.60	219.40	65.97%	N/A	N/A	N/A
R12/392	LKD	W14/392	13.87	1.81	332.60	186.70	56.13%	N/A	N/A	N/A
R13/392	LKD	W15/392	15.39	1.78	348.00	189.40	54.43%	N/A	N/A	N/A
R14/392	BEDROOM	W16/392	12.97	2.85	107.30	103.70	96.64%	N/A	N/A	N/A
R15/392	BEDROOM	W17/392	29.07	1.09	146.30	97.40	66.58%	N/A	N/A	N/A
R16/392	LKD	W18/392	13.64	1.73	277.40	154.40	55.66%	N/A	N/A	N/A
R17/392	BEDROOM	W19/392	15.65	2.35	104.10	101.50	97.50%	N/A	N/A	N/A
R18/392	BEDROOM	W20/392	15.76	2.39	104.20	95.50	91.65%	N/A	N/A	N/A
R19/392	LKD	W21/392	13.77	1.74	278.20	182.40	65.56%	N/A	N/A	N/A
R20/392	LKD	W22/392	15.70	2.26	235.70	222.00	94.19%	N/A	N/A	N/A
R21/392	BEDROOM	W23/392	12.86	0.55	116.30	16.70	14.36%	N/A	N/A	N/A

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R22/392	LKD	W24/392	9.23	4.20	289.70	269.70	93.10%	4	0	4
		W25/392	36.97					25	7	32
		W26/392	37.85					20	4	24
R23/392	BEDROOM	W27/392	37.35	4.62	138.60	136.50	98.48%	25	7	32
R24/392	BEDROOM	W28/392	32.09	2.34	118.60	110.20	92.92%	24	9	33
		W29/392	5.82					0	6	6
R25/392	LKD	W30/392	17.54	2.58	266.30	263.70	99.02%	7	11	18
R26/392	BEDROOM	W31/392	34.69	2.05	103.70	93.20	89.87%	25	11	36
R27/392	BEDROOM	W32/392	37.25	5.13	128.40	125.50	97.74%	32	13	45
R28/392	BEDROOM	W33/392	35.66	4.89	128.50	125.20	97.43%	31	11	42
R29/392	BEDROOM	W34/392	27.52	1.59	115.50	103.10	89.26%	20	4	24
3rd Floor										
R1/393	BEDROOM	W1/393	33.82	1.79	121.40	110.80	91.27%	24	9	33
R2/393	LKD	W2/393	12.51	1.97	277.50	273.10	98.41%	6	5	11
R3/393	BEDROOM	W3/393	39.30	1.82	123.10	114.40	92.93%	25	9	34
R4/393	LKD	W4/393	14.78	3.15	274.40	273.00	99.49%	6	9	15
		W5/393	39.46					19	21	40
R5/393	LKD	W6/393	38.31	4.88	347.60	344.60	99.14%	39	22	61
		W7/393	34.68					21	3	24
R6/393	BEDROOM	W8/393	29.43	6.02	107.40	106.80	99.44%	N/A	N/A	N/A
R7/393	BEDROOM	W9/393	33.91	1.32	145.00	114.60	79.03%	N/A	N/A	N/A
R8/393	BEDROOM	W10/393	33.30	1.67	112.60	91.10	80.91%	N/A	N/A	N/A
R9/393	LKD	W11/393	16.47	1.66	256.30	170.60	66.56%	N/A	N/A	N/A
R10/393	STUDIO	W12/393	18.51	2.08	329.90	205.30	62.23%	N/A	N/A	N/A
R11/393	LKD	W13/393	16.33	2.19	332.60	247.20	74.32%	N/A	N/A	N/A
R12/393	LKD	W14/393	15.82	2.09	332.60	207.30	62.33%	N/A	N/A	N/A
R13/393	LKD	W15/393	17.38	2.02	348.00	219.30	63.02%	N/A	N/A	N/A
R14/393	BEDROOM	W16/393	14.90	3.30	107.30	106.30	99.07%	N/A	N/A	N/A
R15/393	BEDROOM	W17/393	31.11	1.17	146.30	120.30	82.23%	N/A	N/A	N/A
R16/393	LKD	W18/393	15.39	1.96	277.40	189.30	68.24%	N/A	N/A	N/A
R17/393	BEDROOM	W19/393	17.50	2.66	104.10	102.90	98.85%	N/A	N/A	N/A
R18/393	BEDROOM	W20/393	17.57	2.68	104.20	101.90	97.79%	N/A	N/A	N/A
R19/393	LKD	W21/393	15.51	1.98	278.20	226.00	81.24%	N/A	N/A	N/A
R20/393	LKD	W22/393	17.37	2.48	235.70	230.10	97.62%	N/A	N/A	N/A
R21/393	BEDROOM	W23/393	16.66	0.69	116.30	26.20	22.53%	N/A	N/A	N/A
R22/393	LKD	W24/393	9.71	4.28	289.70	270.90	93.51%	4	0	4
		W25/393	37.86					25	7	32
		W26/393	38.49					20	4	24
R23/393	BEDROOM	W27/393	37.93	4.66	138.60	136.70	98.63%	25	7	32
R24/393	BEDROOM	W28/393	32.24	2.36	118.60	110.20	92.92%	24	9	33
		W29/393	6.01					0	6	6
R25/393	LKD	W30/393	17.62	2.58	266.30	263.70	99.02%	7	11	18
R26/393	BEDROOM	W31/393	35.03	2.05	103.70	93.20	89.87%	25	11	36
R27/393	BEDROOM	W32/393	37.73	5.15	128.40	125.50	97.74%	32	13	45
R28/393	BEDROOM	W33/393	36.06	4.90	128.50	125.20	97.43%	31	11	42
R29/393	BEDROOM	W34/393	27.73	1.59	115.50	103.10	89.26%	20	4	24
4th Floor										
R1/394	BEDROOM	W1/394	34.27	1.79	121.40	110.80	91.27%	24	9	33
R2/394	LKD	W2/394	16.63	2.46	277.50	274.60	98.95%	6	17	23
R3/394	BEDROOM	W3/394	35.01	1.47	112.60	99.00	87.92%	N/A	N/A	N/A
R4/394	LKD	W4/394	18.14	1.83	256.30	191.60	74.76%	N/A	N/A	N/A
R5/394	STUDIO	W5/394	20.32	2.26	329.90	214.70	65.08%	N/A	N/A	N/A
R6/394	LKD	W6/394	18.20	2.42	332.60	259.80	78.11%	N/A	N/A	N/A
R7/394	LKD	W7/394	17.74	2.33	332.60	234.50	70.51%	N/A	N/A	N/A
R8/394	LKD	W8/394	19.33	2.23	348.00	257.60	74.02%	N/A	N/A	N/A
R9/394	BEDROOM	W9/394	16.79	3.70	107.30	106.20	98.97%	N/A	N/A	N/A
R10/394	BEDROOM	W10/394	33.11	1.26	146.30	138.40	94.60%	N/A	N/A	N/A
R11/394	LKD	W11/394	17.15	2.17	277.40	246.80	88.97%	N/A	N/A	N/A
R12/394	BEDROOM	W12/394	19.34	2.93	104.10	102.90	98.85%	N/A	N/A	N/A
R13/394	BEDROOM	W13/394	19.38	2.95	104.20	102.70	98.56%	N/A	N/A	N/A
R14/394	LKD	W14/394	17.24	2.19	278.20	278.00	99.93%	N/A	N/A	N/A
R15/394	LKD	W15/394	19.04	2.70	235.70	231.90	98.39%	N/A	N/A	N/A

AVISON YOUNG

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R16/394	BEDROOM	W16/394	25.46	1.23	116.30	70.30	60.45%	N/A	N/A	N/A
R17/394	LKD	W17/394	10.50	4.32	289.70	273.20	94.30%	4	0	4
		W18/394	38.46					25	7	32
		W19/394	38.88					20	4	24
R18/394	BEDROOM	W20/394	38.20	4.66	138.60	136.70	98.63%	25	7	32
R19/394	BEDROOM	W21/394	32.53	2.36	118.60	104.50	88.11%	24	9	33
		W22/394	6.03					0	6	6
R20/394	LKD	W23/394	17.63	2.59	266.30	263.70	99.02%	7	11	18
R21/394	BEDROOM	W24/394	35.61	2.05	103.70	93.20	89.87%	25	11	36
R22/394	BEDROOM	W25/394	38.29	5.16	128.40	126.50	98.52%	32	13	45
R23/394	BEDROOM	W26/394	36.68	4.92	128.50	126.10	98.13%	32	12	44
R24/394	BEDROOM	W27/394	28.20	1.59	115.50	102.90	89.09%	20	4	24
5th Floor										
R1/395	BEDROOM	W1/395	35.60	1.79	121.40	110.80	91.27%	24	9	33
R2/395	LKD	W2/395	34.56	4.04	277.50	275.60	99.32%	30	18	48
R3/395	BEDROOM	W3/395	36.26	1.53	112.60	101.60	90.23%	N/A	N/A	N/A
R4/395	LKD	W4/395	21.23	2.15	256.30	228.60	89.19%	N/A	N/A	N/A
R5/395	STUDIO	W5/395	23.84	2.66	329.90	244.20	74.02%	N/A	N/A	N/A
R6/395	LKD	W6/395	21.54	2.86	332.60	299.60	90.08%	N/A	N/A	N/A
R7/395	LKD	W7/395	21.18	2.81	332.60	286.60	86.17%	N/A	N/A	N/A
R8/395	LKD	W8/395	23.09	2.67	348.00	311.80	89.60%	N/A	N/A	N/A
R9/395	BEDROOM	W9/395	20.23	4.47	107.30	106.20	98.97%	N/A	N/A	N/A
R10/395	BEDROOM	W10/395	34.87	1.33	146.30	140.60	96.10%	N/A	N/A	N/A
R11/395	LKD	W11/395	20.71	2.64	277.40	276.70	99.75%	N/A	N/A	N/A
R12/395	BEDROOM	W12/395	23.14	3.54	104.10	102.90	98.85%	N/A	N/A	N/A
R13/395	BEDROOM	W13/395	23.17	3.55	104.20	102.70	98.56%	N/A	N/A	N/A
R14/395	LKD	W14/395	20.68	2.64	278.20	278.10	99.96%	N/A	N/A	N/A
R15/395	LKD	W15/395	32.94	4.22	235.70	232.70	98.73%	N/A	N/A	N/A
R16/395	BEDROOM	W16/395	35.82	1.70	116.30	110.40	94.93%	N/A	N/A	N/A
R17/395	LKD	W17/395	25.59	5.05	289.70	276.70	95.51%	4	0	4
		W18/395	39.08					25	7	32
		W19/395	39.29					20	4	24
R18/395	BEDROOM	W20/395	38.58	4.66	138.60	136.70	98.63%	25	7	32
R19/395	BEDROOM	W21/395	33.68	2.92	118.60	104.90	88.45%	24	9	33
		W22/395	19.20					9	14	23
R20/395	LKD	W23/395	31.70	3.97	266.30	264.30	99.25%	26	13	39
R21/395	BEDROOM	W24/395	37.05	2.08	103.70	93.40	90.07%	25	11	36
R22/395	BEDROOM	W25/395	39.01	5.16	128.40	126.70	98.68%	32	13	45
R23/395	BEDROOM	W26/395	37.99	5.02	128.50	126.80	98.68%	32	13	45
R24/395	BEDROOM	W27/395	30.75	1.66	115.50	105.20	91.08%	23	4	27

ADF	Target Value	No. Rooms	No. meeting Target	% meeting Target
BEDROOM	1	691	683	98.84%
DINING	1.5	0	0	0.00%
KITCHEN	2	0	0	0.00%
LD	1.5	0	0	0.00%
KD	2	0	0	0.00%
STUDY	1.5	0	0	0.00%
STUDIO	1.5	32	28	87.50%
LKD	2	439	299	68.11%
Livingroom	1.5	0	0	0.00%
TOTALS		1162	1010	86.92%

AVISON YOUNG

HARTFIELD PLACE DUBLIN
28-Feb-22
JOB 07A- AMENITY RESULTS
APSH ALL ROOMS

					Daylight Distribution			%Sun		
Room/Floor	Room Use	Window	%VSC	%ADF	Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
Block A										
1st Floor										
R1/101	BEDROOM	W1/101	27.72	2.19	124.50	116.40	93.49%	3	0	3
R2/101	BEDROOM	W2/101	34.62	2.70	128.30	120.70	94.08%	3	0	3
R3/101	LKD	W3/101	5.52	1.22	337.00	268.60	79.70%	0	5	5
R4/101	STUDIO	W4/101	3.97	0.88	339.90	199.80	58.78%	2	5	7
R5/101	LKD	W5/101	1.32	0.44	225.50	85.10	37.74%	0	0	0
R6/101	BEDROOM	W6/101	20.72	1.69	112.70	50.00	44.37%	18	2	20
		W7/101	24.72					24	6	30
R7/101	LKD	W8/101	27.85	4.72	336.70	335.20	99.55%	25	8	33
		W9/101	23.15					13	3	16
R8/101	BEDROOM	W10/101	15.70	1.68	121.20	114.20	94.22%	9	0	9
R9/101	BEDROOM	W11/101	37.88	2.19	157.90	154.90	98.10%	15	0	15
R10/101	LKD	W12/101	37.96	2.63	383.00	378.40	98.80%	15	0	15
		W13/101	16.78					10	0	10
R11/101	BEDROOM	W14/101	38.73	2.79	124.00	119.80	96.61%	3	0	3
R12/101	BEDROOM	W15/101	35.00	2.23	156.10	151.40	96.99%	1	0	1
2nd Floor										
R1/102	BEDROOM	W1/102	27.78	2.19	124.50	116.40	93.49%	3	0	3
R2/102	BEDROOM	W2/102	34.78	2.70	128.30	120.70	94.08%	3	0	3
R3/102	LKD	W3/102	7.64	1.32	337.00	268.60	79.70%	0	5	5
R4/102	STUDIO	W4/102	6.25	0.98	339.90	199.80	58.78%	2	5	7
R5/102	LKD	W5/102	3.89	0.57	225.50	85.50	37.92%	0	0	0
R6/102	BEDROOM	W6/102	25.23	2.08	112.70	59.80	53.06%	23	5	28
		W7/102	28.50					27	9	36
R7/102	LKD	W8/102	31.07	5.14	336.70	335.20	99.55%	27	11	38
		W9/102	24.64					14	3	17
R8/102	BEDROOM	W10/102	16.90	1.77	121.20	114.20	94.22%	10	0	10
R9/102	BEDROOM	W11/102	39.24	2.27	157.90	154.90	98.10%	16	0	16
R10/102	LKD	W12/102	39.24	2.75	383.00	378.40	98.80%	16	0	16
		W13/102	17.84					10	0	10
R11/102	BEDROOM	W14/102	38.99	2.80	124.00	119.80	96.61%	3	0	3
R12/102	BEDROOM	W15/102	35.23	2.24	156.10	151.40	96.99%	1	0	1
3rd Floor										
R1/103	BEDROOM	W1/103	27.88	2.19	124.50	116.40	93.49%	3	0	3
R2/103	BEDROOM	W2/103	34.97	2.70	128.30	120.70	94.08%	3	0	3
R3/103	LKD	W3/103	10.43	1.51	337.00	276.90	82.17%	3	7	10
R4/103	STUDIO	W4/103	9.52	1.15	339.90	208.90	61.46%	2	7	9
R5/103	LKD	W5/103	7.92	0.87	225.50	122.30	54.24%	0	4	4
R6/103	BEDROOM	W6/103	30.04	2.47	112.70	94.60	83.94%	23	11	34
		W7/103	32.31					27	16	43
R7/103	LKD	W8/103	34.02	5.45	336.70	335.20	99.55%	27	17	44
		W9/103	25.20					14	3	17
R8/103	BEDROOM	W10/103	17.20	1.80	121.20	114.20	94.22%	10	0	10
R9/103	BEDROOM	W11/103	39.62	2.29	157.90	154.90	98.10%	16	0	16
R10/103	LKD	W12/103	39.62	2.79	383.00	378.40	98.80%	16	0	16
		W13/103	18.30					10	0	10
R11/103	BEDROOM	W14/103	39.10	2.81	124.00	119.80	96.61%	3	0	3
R12/103	BEDROOM	W15/103	35.32	2.25	156.10	151.40	96.99%	1	0	1
4th Floor										
R1/104	BEDROOM	W1/104	28.09	2.39	115.20	107.10	92.97%	3	0	3
R2/104	BEDROOM	W2/104	35.32	2.70	128.30	120.70	94.08%	3	0	3
R3/104	LKD	W3/104	12.67	1.82	337.00	313.90	93.15%	3	11	14
R4/104	STUDIO	W4/104	12.18	1.47	339.90	242.10	71.23%	2	10	12
R5/104	LKD	W5/104	11.50	1.41	225.50	223.20	98.98%	0	10	10
R6/104	BEDROOM	W6/104	34.62	2.83	112.70	109.40	97.07%	23	20	43
		W7/104	35.91					27	23	50
R7/104	LKD	W8/104	36.62	6.74	336.70	335.30	99.58%	27	24	51
		W9/104	39.18					20	3	23

AVISON YOUNG

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R8/104	BEDROOM	W10/104	33.01	2.51	121.20	114.60	94.55%	16	0	16
R9/104	BEDROOM	W11/104	39.62	2.29	157.90	154.90	98.10%	16	0	16
R10/104	LKD	W12/104	39.62	2.79	383.00	378.40	98.80%	16	0	16
		W13/104	18.30					10	0	10
R11/104	BEDROOM	W14/104	39.13	2.81	124.00	119.80	96.61%	3	0	3
R12/104	BEDROOM	W15/104	35.34	2.25	156.10	151.40	96.99%	1	0	1
5th Floor										
R1/105	BEDROOM	W1/105	28.69	2.39	115.20	107.20	93.06%	3	0	3
R2/105	BEDROOM	W2/105	36.23	2.70	128.40	121.10	94.31%	3	0	3
R3/105	LKD	W3/105	34.93	3.35	337.80	337.40	99.88%	42	19	61
R4/105	STUDIO	W4/105	37.21	3.24	340.10	260.20	76.51%	44	25	69
R5/105	LKD	W5/105	32.64	2.93	252.20	251.00	99.52%	31	25	56
R6/105	BEDROOM	W6/105	38.26	7.33	112.10	111.10	99.11%	23	22	45
		W7/105	39.61					17	1	18
1st Floor										
R1/201	BEDROOM	W1/201	36.08	2.95	111.60	107.30	96.15%	3	0	3
R2/201	BEDROOM	W2/201	38.92	3.54	95.20	92.70	97.37%	3	0	3
R3/201	BEDROOM	W3/201	39.25	3.47	97.70	95.50	97.75%	3	0	3
R4/201	LKD	W4/201	15.93	2.38	361.90	357.60	98.81%	8	9	17
		W5/201	10.65					6	4	10
R5/201	BEDROOM	W6/201	36.86	2.22	153.90	151.20	98.25%	26	12	38
R6/201	BEDROOM	W7/201	11.44	1.99	109.90	105.80	96.27%	6	6	12
R7/201	LKD	W8/201	17.75	3.33	336.40	336.30	99.97%	14	5	19
		W9/201	21.65					13	8	21
		W10/201	22.53					16	7	23
R8/201	LKD	W11/201	6.02	1.13	277.60	277.40	99.93%	0	4	4
R9/201	BEDROOM	W12/201	4.97	1.28	105.90	102.70	96.98%	0	4	4
R10/201	BEDROOM	W13/201	5.48	1.39	105.90	102.60	96.88%	0	5	5
R11/201	LKD	W14/201	8.08	1.34	279.30	279.00	99.89%	0	10	10
R12/201	LKD	W15/201	6.83	1.31	331.90	331.40	99.85%	0	9	9
R13/201	BEDROOM	W16/201	34.62	3.51	128.50	122.70	95.49%	2	0	2
R14/201	BEDROOM	W17/201	28.38	2.89	124.70	119.40	95.75%	0	0	0
2nd Floor										
R1/202	BEDROOM	W1/202	36.12	2.95	111.60	107.30	96.15%	3	0	3
R2/202	BEDROOM	W2/202	39.03	3.54	95.20	92.70	97.37%	3	0	3
R3/202	BEDROOM	W3/202	39.36	3.48	97.70	95.50	97.75%	3	0	3
R4/202	LKD	W4/202	16.41	2.45	361.90	357.70	98.84%	8	9	17
		W5/202	11.08					6	4	10
R5/202	BEDROOM	W6/202	37.56	2.25	153.90	151.20	98.25%	26	12	38
R6/202	BEDROOM	W7/202	11.98	2.07	109.90	105.80	96.27%	6	6	12
R7/202	LKD	W8/202	18.28	3.57	336.40	336.30	99.97%	14	5	19
		W9/202	24.42					18	9	27
		W10/202	25.28					19	9	28
R8/202	LKD	W11/202	7.44	1.25	277.60	277.40	99.93%	1	4	5
R9/202	BEDROOM	W12/202	5.61	1.38	105.90	102.80	97.07%	0	4	4
R10/202	BEDROOM	W13/202	6.06	1.47	105.90	103.60	97.83%	0	5	5
R11/202	LKD	W14/202	9.97	1.46	279.30	279.20	99.96%	0	10	10
R12/202	LKD	W15/202	8.45	1.41	331.90	331.80	99.97%	0	9	9
R13/202	BEDROOM	W16/202	34.83	3.52	128.50	122.70	95.49%	2	0	2
R14/202	BEDROOM	W17/202	28.57	2.90	124.70	119.40	95.75%	0	0	0
3rd Floor										
R1/203	BEDROOM	W1/203	36.14	2.95	111.60	107.30	96.15%	3	0	3
R2/203	BEDROOM	W2/203	39.08	3.54	95.20	92.70	97.37%	3	0	3
R3/203	BEDROOM	W3/203	39.42	3.48	97.70	95.50	97.75%	3	0	3
R4/203	LKD	W4/203	16.86	2.51	361.90	357.70	98.84%	8	10	18
		W5/203	11.48					6	5	11
R5/203	BEDROOM	W6/203	38.21	2.28	153.90	151.20	98.25%	26	13	39
R6/203	BEDROOM	W7/203	12.48	2.14	109.90	105.80	96.27%	6	8	14
R7/203	LKD	W8/203	18.79	3.83	336.40	336.30	99.97%	14	7	21
		W9/203	27.72					23	9	32
		W10/203	28.49					22	10	32

AVISON YOUNG

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R8/203	LKD	W11/203	9.88	1.40	277.60	277.40	99.93%	2	6	8
R9/203	BEDROOM	W12/203	6.99	1.51	105.90	102.80	97.07%	1	4	5
R10/203	BEDROOM	W13/203	7.59	1.58	105.90	104.30	98.49%	0	5	5
R11/203	LKD	W14/203	12.74	1.60	279.30	279.20	99.96%	2	10	12
R12/203	LKD	W15/203	10.93	1.54	331.90	331.80	99.97%	0	10	10
R13/203	BEDROOM	W16/203	35.03	3.52	128.50	122.70	95.49%	2	0	2
R14/203	BEDROOM	W17/203	28.73	2.91	124.70	119.40	95.75%	0	0	0
4th Floor										
R1/204	BEDROOM	W1/204	36.14	2.95	111.60	107.30	96.15%	3	0	3
R2/204	BEDROOM	W2/204	39.09	3.54	95.20	92.70	97.37%	3	0	3
R3/204	BEDROOM	W3/204	39.43	3.48	97.70	95.50	97.75%	3	0	3
R4/204	LKD	W4/204	17.29	2.56	361.90	357.70	98.84%	8	10	18
		W5/204	11.86					6	5	11
R5/204	BEDROOM	W6/204	38.82	2.31	153.90	151.20	98.25%	26	13	39
R6/204	BEDROOM	W7/204	12.97	2.20	109.90	106.20	96.63%	6	8	14
R7/204	LKD	W8/204	19.26	4.09	336.40	336.30	99.97%	14	7	21
		W9/204	31.37					23	14	37
		W10/204	31.92					23	14	37
R8/204	LKD	W11/204	12.50	1.62	277.60	277.40	99.93%	3	10	13
R9/204	BEDROOM	W12/204	9.23	1.75	105.90	103.50	97.73%	1	8	9
R10/204	BEDROOM	W13/204	9.87	1.85	105.90	104.30	98.49%	1	7	8
R11/204	LKD	W14/204	15.46	1.88	279.30	279.20	99.96%	3	13	16
R12/204	LKD	W15/204	13.22	1.78	331.90	331.80	99.97%	0	12	12
R13/204	BEDROOM	W16/204	35.27	3.52	128.50	122.70	95.49%	2	0	2
R14/204	BEDROOM	W17/204	28.89	2.91	124.70	119.40	95.75%	0	0	0
5th Floor										
R1/205	BEDROOM	W1/205	36.16	2.95	111.60	107.30	96.15%	3	0	3
R2/205	BEDROOM	W2/205	39.12	3.54	95.20	92.70	97.37%	3	0	3
R3/205	BEDROOM	W3/205	39.45	3.48	97.70	95.50	97.75%	3	0	3
R4/205	LKD	W4/205	17.68	2.61	361.90	357.90	98.89%	8	10	18
		W5/205	12.14					6	5	11
R5/205	BEDROOM	W6/205	39.31	2.33	153.90	151.20	98.25%	26	13	39
R6/205	BEDROOM	W7/205	13.38	2.25	109.90	106.30	96.72%	6	8	14
R7/205	LKD	W8/205	19.67	4.33	336.40	336.30	99.97%	14	7	21
		W9/205	34.77					23	18	41
		W10/205	35.18					23	18	41
R8/205	LKD	W11/205	14.99	1.88	277.60	277.40	99.93%	3	13	16
R9/205	BEDROOM	W12/205	11.65	2.08	105.90	103.60	97.83%	1	10	11
R10/205	BEDROOM	W13/205	12.16	2.14	105.90	104.30	98.49%	1	12	13
R11/205	LKD	W14/205	17.88	2.12	279.30	279.20	99.96%	3	16	19
R12/205	LKD	W15/205	15.31	1.99	331.90	331.80	99.97%	0	15	15
R13/205	BEDROOM	W16/205	35.71	3.52	128.50	122.90	95.64%	2	0	2
R14/205	BEDROOM	W17/205	29.17	2.91	124.70	119.40	95.75%	0	0	0
6th Floor										
R1/206	BEDROOM	W1/206	36.22	2.95	111.60	107.30	96.15%	3	0	3
R2/206	BEDROOM	W2/206	39.19	3.54	95.20	92.70	97.37%	3	0	3
R3/206	BEDROOM	W3/206	39.49	3.48	97.70	95.50	97.75%	3	0	3
R4/206	LKD	W4/206	17.71	2.61	361.90	357.90	98.89%	8	10	18
		W5/206	12.15					6	5	11
R5/206	BEDROOM	W6/206	39.46	2.33	153.90	151.20	98.25%	26	13	39
R6/206	BEDROOM	W7/206	13.51	2.26	109.90	106.30	96.72%	6	8	14
R7/206	LKD	W8/206	19.68	4.50	336.40	336.30	99.97%	14	7	21
		W9/206	37.53					23	22	45
		W10/206	37.74					23	22	45
R8/206	LKD	W11/206	18.95	2.19	277.60	277.40	99.93%	4	16	20
R9/206	BEDROOM	W12/206	15.37	2.45	105.90	103.60	97.83%	1	15	16
R10/206	BEDROOM	W13/206	16.12	2.52	105.90	104.30	98.49%	3	15	18
R11/206	LKD	W14/206	35.34	3.70	279.30	279.20	99.96%	37	21	58
R12/206	LKD	W15/206	38.86	4.29	331.90	331.80	99.97%	46	25	71
R13/206	BEDROOM	W16/206	36.55	3.52	128.50	123.30	95.95%	2	0	2
R14/206	BEDROOM	W17/206	29.77	2.91	124.70	119.80	96.07%	0	0	0

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
7th Floor										
R1/207	BEDROOM	W1/207	36.64	2.95	111.60	107.30	96.15%	3	0	3
R2/207	BEDROOM	W2/207	39.37	3.54	95.20	92.70	97.37%	3	0	3
R3/207	BEDROOM	W3/207	39.56	3.48	97.70	95.50	97.75%	3	0	3
R4/207	LKD	W4/207	23.21	3.33	362.70	359.10	99.01%	16	13	29
		W5/207	19.01					14	7	21
R5/207	BEDROOM	W6/207	39.57	2.33	153.80	151.10	98.24%	26	13	39
R6/207	BEDROOM	W7/207	20.60	2.96	109.80	106.30	96.81%	12	12	24
R7/207	LKD	W8/207	24.94	5.14	335.60	335.50	99.97%	20	7	27
		W9/207	39.19					23	22	45
		W10/207	39.22					23	22	45
R8/207	BEDROOM	W11/207	33.72	4.36	115.00	113.60	98.78%	29	16	45
R9/207	BEDROOM	W12/207	38.95	4.60	99.30	97.60	98.29%	31	25	56
R10/207	LKD	W13/207	39.29	4.04	332.00	330.60	99.58%	41	25	66
		W14/207	39.48					17	1	18
Block B										
Gnd Floor										
R1/300	LKD	W1/300	16.59	1.88	349.10	345.60	99.00%	4	0	4
R2/300	BEDROOM	W2/300	19.49	3.41	103.80	100.60	96.92%	12	0	12
R3/300	BEDROOM	W3/300	34.80	2.10	145.30	142.30	97.94%	15	0	15
R4/300	BEDROOM	W4/300	35.34	2.69	114.30	111.80	97.81%	16	0	16
R5/300	LKD	W5/300	18.63	1.56	273.40	255.10	93.31%	9	0	9
R6/300	STUDIO	W6/300	21.20	1.98	326.60	252.10	77.19%	12	2	14
R7/300	LKD	W7/300	21.17	2.07	342.20	341.70	99.85%	12	3	15
R8/300	LKD	W8/300	21.09	2.07	342.20	341.60	99.82%	11	3	14
R9/300	STUDIO	W9/300	20.99	1.91	332.40	250.70	75.42%	11	3	14
R10/300	LKD	W10/300	18.34	1.73	252.20	250.80	99.44%	12	2	14
R11/300	BEDROOM	W11/300	34.96	2.66	113.90	111.60	97.98%	15	0	15
R12/300	LKD	W12/300	18.77	2.29	337.80	333.30	98.67%	11	0	11
		W13/300	11.63					0	0	0
R13/300	BEDROOM	W14/300	8.95	2.51	127.90	114.00	89.13%	0	0	0
		W15/300	16.71					17	2	19
R14/300	BEDROOM	W16/300	13.26	1.32	115.10	83.40	72.46%	10	0	10
R15/300	BEDROOM	W17/300	14.03	1.18	116.10	58.40	50.30%	10	3	13
R16/300	BEDROOM	W18/300	19.42	2.72	128.80	93.40	72.52%	19	3	22
R17/300	BEDROOM	W19/300	17.84	2.56	127.40	83.10	65.23%	15	3	18
R18/300	BEDROOM	W20/300	12.62	1.18	115.00	51.90	45.13%	8	0	8
R19/300	BEDROOM	W21/300	16.83	1.42	123.20	67.40	54.71%	14	7	21
R20/300	BEDROOM	W22/300	20.32	2.90	127.90	84.50	66.07%	18	7	25
R21/300	LKD	W23/300	13.62	2.42	326.20	239.00	73.27%	9	10	19
		W24/300	12.17					5	9	14
1st Floor										
R1/301	LKD	W1/301	16.16	1.88	349.10	345.60	99.00%	5	0	5
R2/301	BEDROOM	W2/301	19.06	3.46	103.80	100.60	96.92%	13	0	13
R3/301	BEDROOM	W3/301	36.73	2.32	145.30	142.30	97.94%	16	0	16
R4/301	BEDROOM	W4/301	37.26	2.99	114.30	111.00	97.11%	16	0	16
R5/301	LKD	W5/301	17.35	1.52	273.40	255.20	93.34%	8	0	8
R6/301	STUDIO	W6/301	18.34	1.81	326.60	252.20	77.22%	9	2	11
R7/301	LKD	W7/301	18.40	1.88	342.20	341.70	99.85%	10	3	13
R8/301	LKD	W8/301	18.39	1.88	342.20	341.60	99.82%	10	3	13
R9/301	STUDIO	W9/301	18.10	1.74	332.40	252.20	75.87%	8	3	11
R10/301	LKD	W10/301	17.10	1.69	252.20	250.80	99.44%	9	2	11
R11/301	BEDROOM	W11/301	37.00	2.96	113.90	111.60	97.98%	16	0	16
R12/301	LKD	W12/301	18.27	2.36	337.80	333.30	98.67%	12	0	12
		W13/301	14.10					0	0	0
R13/301	BEDROOM	W14/301	11.31	3.20	127.90	117.90	92.18%	0	0	0
		W15/301	18.82					19	3	22
R14/301	BEDROOM	W16/301	14.86	1.49	115.10	85.90	74.63%	11	0	11
R15/301	BEDROOM	W17/301	16.17	1.53	116.10	68.20	58.74%	12	5	17
R16/301	BEDROOM	W18/301	21.40	3.25	128.80	100.20	77.80%	24	7	31
R17/301	BEDROOM	W19/301	20.35	3.11	127.40	93.20	73.16%	20	6	26
R18/301	BEDROOM	W20/301	14.46	1.50	115.00	63.70	55.39%	9	0	9
R19/301	BEDROOM	W21/301	18.55	1.63	123.20	79.40	64.45%	15	8	23
R20/301	BEDROOM	W22/301	22.69	3.33	127.90	99.70	77.95%	19	8	27
R21/301	LKD	W23/301	13.36	2.44	326.20	248.60	76.21%	6	11	17
		W24/301	13.39					5	11	16

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
2nd Floor										
R1/302	LKD	W1/302	17.12	1.97	349.10	345.60	99.00%	5	0	5
R2/302	BEDROOM	W2/302	20.16	3.61	103.80	100.60	96.92%	13	0	13
R3/302	BEDROOM	W3/302	38.21	2.40	145.30	142.30	97.94%	16	0	16
R4/302	BEDROOM	W4/302	38.71	3.09	114.30	111.00	97.11%	16	0	16
R5/302	LKD	W5/302	18.62	1.62	273.40	255.20	93.34%	8	0	8
R6/302	STUDIO	W6/302	19.71	1.93	326.60	252.20	77.22%	10	2	12
R7/302	LKD	W7/302	19.82	2.02	342.20	341.70	99.85%	10	3	13
R8/302	LKD	W8/302	19.82	2.02	342.20	341.60	99.82%	10	3	13
R9/302	STUDIO	W9/302	19.50	1.86	332.40	252.20	75.87%	9	3	12
R10/302	LKD	W10/302	18.47	1.81	252.20	250.80	99.44%	10	2	12
R11/302	BEDROOM	W11/302	38.59	3.08	113.90	111.60	97.98%	16	0	16
R12/302	LKD	W12/302	19.67	2.64	337.80	333.30	98.67%	12	0	12
		W13/302	17.34					0	0	0
R13/302	BEDROOM	W14/302	14.39	3.90	127.90	120.30	94.06%	0	0	0
		W15/302	21.05					20	4	24
R14/302	BEDROOM	W16/302	16.62	1.61	115.10	91.60	79.58%	12	0	12
R15/302	BEDROOM	W17/302	17.98	1.67	116.10	77.20	66.49%	14	7	21
R16/302	BEDROOM	W18/302	23.53	3.48	128.80	105.60	81.99%	26	8	34
R17/302	BEDROOM	W19/302	22.64	3.37	127.40	101.60	79.75%	21	8	29
R18/302	BEDROOM	W20/302	16.38	1.65	115.00	75.40	65.57%	10	0	10
R19/302	BEDROOM	W21/302	20.26	1.75	123.20	89.30	72.48%	17	9	26
R20/302	BEDROOM	W22/302	25.03	3.59	127.90	110.70	86.55%	22	9	31
R21/302	LKD	W23/302	15.59	2.76	326.20	260.90	79.98%	10	13	23
		W24/302	14.86					5	12	17
3rd Floor										
R1/303	LKD	W1/303	17.72	2.01	349.10	345.60	99.00%	5	0	5
R2/303	BEDROOM	W2/303	20.73	3.67	103.80	100.90	97.21%	13	0	13
R3/303	BEDROOM	W3/303	39.01	2.43	145.30	142.70	98.21%	16	0	16
R4/303	BEDROOM	W4/303	39.37	3.13	114.30	111.00	97.11%	16	0	16
R5/303	LKD	W5/303	19.25	1.67	273.40	255.20	93.34%	8	0	8
R6/303	STUDIO	W6/303	20.32	1.98	326.60	252.20	77.22%	10	2	12
R7/303	LKD	W7/303	20.51	2.08	342.20	341.70	99.85%	10	3	13
R8/303	LKD	W8/303	20.52	2.08	342.20	341.60	99.82%	10	3	13
R9/303	STUDIO	W9/303	20.31	1.92	332.40	252.20	75.87%	9	3	12
R10/303	LKD	W10/303	19.25	1.88	252.20	250.80	99.44%	10	2	12
R11/303	BEDROOM	W11/303	39.42	3.14	113.90	111.60	97.98%	16	0	16
R12/303	LKD	W12/303	20.50	2.89	337.80	333.30	98.67%	12	0	12
		W13/303	21.82					0	0	0
R13/303	BEDROOM	W14/303	18.66	4.62	127.90	123.50	96.56%	0	0	0
		W15/303	23.72					23	7	30
R14/303	BEDROOM	W16/303	18.71	1.74	115.10	100.80	87.58%	14	0	14
R15/303	BEDROOM	W17/303	20.04	1.83	116.10	93.20	80.28%	17	8	25
R16/303	BEDROOM	W18/303	26.02	3.74	128.80	114.20	88.66%	27	9	36
R17/303	BEDROOM	W19/303	25.27	3.65	127.40	111.60	87.60%	25	8	33
R18/303	BEDROOM	W20/303	18.56	1.80	115.00	94.50	82.17%	15	0	15
R19/303	BEDROOM	W21/303	22.09	1.87	123.20	101.00	81.98%	18	9	27
R20/303	BEDROOM	W22/303	27.78	3.85	127.90	123.00	96.17%	25	9	34
R21/303	LKD	W23/303	17.86	3.11	326.20	281.00	86.14%	11	14	25
		W24/303	17.18					8	12	20
4th Floor										
R1/304	LKD	W1/304	29.78	2.88	349.10	346.90	99.37%	6	0	6
R2/304	BEDROOM	W2/304	33.18	5.19	103.80	102.30	98.55%	19	0	19
R3/304	BEDROOM	W3/304	39.41	2.43	145.30	142.70	98.21%	16	0	16
R4/304	BEDROOM	W4/304	39.54	3.13	114.30	111.00	97.11%	16	0	16
R5/304	LKD	W5/304	19.27	1.67	273.40	255.20	93.34%	8	0	8
R6/304	STUDIO	W6/304	20.34	1.98	326.60	252.20	77.22%	10	2	12
R7/304	LKD	W7/304	20.55	2.08	342.20	341.70	99.85%	10	3	13
R8/304	LKD	W8/304	20.56	2.08	342.20	341.70	99.85%	10	3	13
R9/304	STUDIO	W9/304	20.34	1.93	332.40	252.20	75.87%	9	3	12
R10/304	LKD	W10/304	19.28	1.88	252.20	250.80	99.44%	10	2	12
R11/304	BEDROOM	W11/304	39.55	3.14	113.90	111.60	97.98%	16	0	16
R12/304	LKD	W12/304	19.19	2.88	337.80	333.30	98.67%	10	0	10
		W13/304	27.60					0	0	0
R13/304	BEDROOM	W14/304	24.25	5.38	127.90	125.10	97.81%	0	0	0
		W15/304	26.97					24	10	34

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R14/304	BEDROOM	W16/304	21.28	1.88	115.10	106.40	92.44%	16	0	16
R15/304	BEDROOM	W17/304	22.48	1.98	116.10	107.70	92.76%	19	9	28
R16/304	BEDROOM	W18/304	29.00	4.00	128.80	125.60	97.52%	29	10	39
R17/304	BEDROOM	W19/304	28.39	3.94	127.40	124.50	97.72%	28	9	37
R18/304	BEDROOM	W20/304	21.13	1.96	115.00	106.40	92.52%	18	0	18
R19/304	BEDROOM	W21/304	24.15	1.98	123.20	105.70	85.80%	19	11	30
R20/304	BEDROOM	W22/304	30.79	4.13	127.90	125.60	98.20%	26	11	37
R21/304	LKD	W23/304	32.77	4.70	326.20	297.90	91.32%	27	16	43
		W24/304	21.94					14	12	26
5th Floor										
R1/305	BEDROOM	W1/305	27.25	2.49	122.40	115.40	94.28%	19	11	30
R2/305	BEDROOM	W2/305	33.69	4.44	127.40	125.80	98.74%	30	12	42
R3/305	LKD	W3/305	38.33	2.90	343.20	338.80	98.72%	20	3	23
R4/305	BEDROOM	W4/305	38.38	3.64	139.90	138.10	98.71%	20	1	21
R5/305	BEDROOM	W5/305	38.39	7.41	108.10	107.80	99.72%	20	3	23
R6/305	LKD	W6/305	38.18	3.66	345.40	343.70	99.51%	20	4	24
R7/305	LKD	W7/305	36.38	3.49	342.90	342.60	99.91%	18	4	22
R8/305	LKD	W8/305	36.40	3.50	342.20	341.90	99.91%	18	4	22
R9/305	LKD	W9/305	38.22	3.67	345.20	343.40	99.48%	18	4	22
R10/305	BEDROOM	W10/305	38.40	7.41	108.10	107.70	99.63%	20	3	23
R11/305	BEDROOM	W11/305	38.44	6.02	139.60	137.00	98.14%	20	1	21
		W12/305	33.13					1	0	1
R12/305	BEDROOM	W13/305	26.58	2.21	116.00	109.30	94.22%	19	11	30
R13/305	BEDROOM	W14/305	32.59	4.33	128.80	127.10	98.68%	31	12	43
R14/305	BEDROOM	W15/305	32.13	4.31	127.40	125.70	98.67%	30	11	41
R15/305	BEDROOM	W16/305	25.40	2.19	115.00	108.00	93.91%	21	2	23
Gnd Floor										
R1/320	BEDROOM	W1/320	18.19	1.60	123.30	100.80	81.75%	18	5	23
R2/320	BEDROOM	W2/320	21.98	3.17	127.90	120.90	94.53%	23	4	27
R3/320	LKD	W3/320	12.86	1.96	315.90	296.30	93.80%	14	1	15
		W4/320	14.06					9	0	9
R4/320	LKD	W5/320	18.74	2.83	339.40	338.50	99.73%	12	2	14
		W6/320	21.76					14	3	17
R5/320	BEDROOM	W7/320	19.09	3.32	103.80	102.00	98.27%	12	1	13
R6/320	BEDROOM	W8/320	35.02	2.07	144.70	141.90	98.06%	15	0	15
R7/320	BEDROOM	W9/320	35.03	2.65	114.30	111.90	97.90%	15	0	15
R8/320	LKD	W10/320	18.07	1.72	253.00	251.20	99.29%	0	0	0
R9/320	STUDIO	W11/320	20.01	1.85	332.40	252.80	76.05%	0	0	0
R10/320	LKD	W12/320	18.75	1.91	338.50	335.50	99.11%	0	0	0
R11/320	BEDROOM	W13/320	15.83	2.60	125.90	91.50	72.68%	0	0	0
R12/320	BEDROOM	W14/320	14.22	1.42	114.50	80.10	69.96%	10	0	10
1st Floor										
R1/321	BEDROOM	W3/321	19.97	1.88	123.30	103.30	83.78%	18	7	25
R2/321	BEDROOM	W4/321	24.04	3.71	127.90	123.90	96.87%	26	5	31
R3/321	LKD	W5/321	12.36	2.06	315.90	297.60	94.21%	11	3	14
		W6/321	17.30					11	2	13
R4/321	LKD	W7/321	21.70	2.99	339.40	338.50	99.73%	15	2	17
		W8/321	21.69					12	3	15
R5/321	BEDROOM	W9/321	19.27	3.45	103.80	102.00	98.27%	11	1	12
R6/321	BEDROOM	W10/321	37.49	2.32	144.70	141.90	98.06%	16	0	16
R7/321	BEDROOM	W11/321	37.54	2.97	114.30	111.90	97.90%	16	0	16
R8/321	LKD	W12/321	17.53	1.71	253.00	251.70	99.49%	9	0	9
R9/321	STUDIO	W13/321	18.37	1.76	332.40	252.80	76.05%	10	2	12
R10/321	LKD	W14/321	17.41	1.82	338.50	337.30	99.65%	9	2	11
R11/321	BEDROOM	W1/321	17.17	3.00	125.90	102.70	81.57%	21	8	29
R12/321	BEDROOM	W2/321	15.74	1.70	114.50	91.90	80.26%	12	0	12
2nd Floor										
R1/322	BEDROOM	W3/322	21.65	1.98	123.30	105.20	85.32%	19	9	28
R2/322	BEDROOM	W4/322	26.21	3.95	127.90	124.60	97.42%	26	8	34
R3/322	LKD	W5/322	14.37	2.43	315.90	303.30	96.01%	11	6	17
		W6/322	21.20					18	3	21
R4/322	LKD	W7/322	25.08	3.23	339.40	338.50	99.73%	23	2	25
		W8/322	23.06					12	3	15
R5/322	BEDROOM	W9/322	20.48	3.62	103.80	102.00	98.27%	11	1	12
R6/322	BEDROOM	W10/322	38.85	2.40	144.70	141.90	98.06%	16	0	16
R7/322	BEDROOM	W11/322	38.94	3.08	114.30	111.90	97.90%	16	0	16

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R8/322	LKD	W12/322	18.87	1.83	253.00	251.70	99.49%	9	0	9
R9/322	STUDIO	W13/322	19.72	1.88	332.40	252.80	76.05%	10	2	12
R10/322	LKD	W14/322	18.76	1.94	338.50	337.30	99.65%	10	2	12
R11/322	BEDROOM	W1/322	18.55	3.14	125.90	110.90	88.09%	22	10	32
R12/322	BEDROOM	W2/322	17.47	1.82	114.50	99.90	87.25%	15	0	15
3rd Floor										
R1/323	BEDROOM	W3/323	23.42	2.08	123.30	106.60	86.46%	19	11	30
R2/323	BEDROOM	W4/323	28.57	4.19	127.90	124.60	97.42%	27	10	37
R3/323	LKD	W5/323	16.41	2.83	315.90	313.80	99.34%	12	8	20
		W6/323	26.04					23	7	30
R4/323	LKD	W7/323	29.24	3.42	339.40	338.50	99.73%	23	8	31
		W8/323	23.68					12	3	15
R5/323	BEDROOM	W9/323	21.01	3.68	103.80	102.00	98.27%	11	1	12
R6/323	BEDROOM	W10/323	39.49	2.44	144.70	141.90	98.06%	16	0	16
R7/323	BEDROOM	W11/323	39.58	3.13	114.30	111.90	97.90%	16	0	16
R8/323	LKD	W12/323	19.60	1.89	253.00	251.70	99.49%	9	0	9
R9/323	STUDIO	W13/323	20.40	1.93	332.40	252.80	76.05%	10	2	12
R10/323	LKD	W14/323	19.47	1.99	338.50	337.30	99.65%	10	2	12
R11/323	BEDROOM	W1/323	20.24	3.29	125.90	116.20	92.30%	23	10	33
R12/323	BEDROOM	W2/323	19.55	1.94	114.50	104.20	91.00%	15	2	17
4th Floor										
R1/324	BEDROOM	W3/324	25.36	2.18	123.30	106.70	86.54%	19	11	30
R2/324	BEDROOM	W4/324	31.53	4.44	127.90	125.60	98.20%	30	11	41
R3/324	LKD	W5/324	15.54	2.84	315.90	315.20	99.78%	11	8	19
		W6/324	31.75					23	15	38
R4/324	LKD	W7/324	34.00	4.71	339.40	338.70	99.79%	23	15	38
		W8/324	39.38					20	3	23
R5/324	BEDROOM	W9/324	35.10	5.32	103.80	102.60	98.84%	20	1	21
R6/324	BEDROOM	W10/324	39.62	2.44	144.70	141.90	98.06%	16	0	16
R7/324	BEDROOM	W11/324	39.62	3.13	114.30	111.90	97.90%	16	0	16
R8/324	LKD	W12/324	19.67	1.89	253.00	251.70	99.49%	9	0	9
R9/324	STUDIO	W13/324	20.46	1.94	332.40	252.80	76.05%	10	2	12
R10/324	LKD	W14/324	19.54	2.00	338.50	337.30	99.65%	10	2	12
R11/324	BEDROOM	W1/324	23.28	3.53	125.90	120.80	95.95%	24	11	35
R12/324	BEDROOM	W2/324	22.48	2.08	114.50	106.90	93.36%	17	2	19
5th Floor										
R1/325	BEDROOM	W1/325	28.12	2.28	122.30	114.80	93.87%	19	11	30
R2/325	BEDROOM	W2/325	34.68	4.60	127.40	125.80	98.74%	30	13	43
R3/325	LKD	W3/325	38.64	2.93	343.20	338.90	98.75%	20	3	23
R4/325	BEDROOM	W4/325	37.25	3.57	139.60	137.10	98.21%	19	1	20
R5/325	BEDROOM	W5/325	37.20	7.23	108.10	107.80	99.72%	19	3	22
R6/325	LKD	W6/325	37.24	3.60	345.40	343.60	99.48%	19	4	23
R7/325	LKD	W7/325	38.80	3.84	336.50	336.20	99.91%	19	4	23
R8/325	BEDROOM	W8/325	32.89	4.41	127.20	125.70	98.82%	30	11	41
R9/325	BEDROOM	W9/325	26.32	2.29	114.50	108.10	94.41%	22	2	24
Block C										
Gnd Floor										
R1/350	LKD	W1/350	22.94	1.30	366.30	195.90	53.48%	0	0	0
		W2/350	3.08					0	0	0
R2/350	BEDROOM	W3/350	9.61	1.75	117.80	105.20	89.30%	0	0	0
R3/350	BEDROOM	W4/350	21.38	1.60	130.60	117.50	89.97%	0	0	0
R4/350	LKD	W5/350	20.42	1.89	288.80	255.50	88.47%	0	0	0
		W6/350	19.26					0	0	0
R5/350	BEDROOM	W8/350	20.10	1.47	117.90	73.70	62.51%	10	9	19
R6/350	LKD	W9/350	24.84	3.15	240.00	233.80	97.42%	8	25	33
R7/350		W10/350	22.71	2.21	278.50	278.00	99.82%	8	17	25
R8/350	BEDROOM	W11/350	24.12	2.79	105.90	103.70	97.92%	7	21	28
R9/350	BEDROOM	W12/350	24.14	2.81	105.90	103.60	97.83%	7	21	28
R10/350	LKD	W13/350	22.05	1.95	278.10	276.90	99.57%	4	22	26
R11/350	BEDROOM	W14/350	38.72	2.24	147.50	144.90	98.24%	23	22	45
R12/350	BEDROOM	W15/350	22.61	2.68	110.50	106.60	96.47%	7	16	23
R13/350	LKD	W16/350	24.43	2.32	344.40	342.50	99.45%	8	22	30
R14/350	LKD	W17/350	23.15	2.22	347.20	346.70	99.86%	7	22	29
R15/350	LKD	W18/350	23.68	2.28	347.20	346.70	99.86%	8	18	26
R16/350	LKD	W19/350	24.62	2.34	344.40	342.50	99.45%	8	22	30
R17/350	BEDROOM	W20/350	20.94	2.55	109.40	102.00	93.24%	3	20	23

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R18/350	BEDROOM	W21/350	39.06	3.00	147.90	146.10	98.78%	27	24	51
R19/350	LKD	W22/350	38.99	3.86	331.80	331.40	99.88%	27	24	51
		W23/350	20.04					13	3	16
R20/350	BEDROOM	W24/350	17.77	2.40	108.70	104.60	96.23%	11	0	11
R21/350	BEDROOM	W25/350	34.24	1.98	149.80	147.00	98.13%	15	0	15
R22/350	LKD	W26/350	34.20	2.74	375.40	369.90	98.53%	15	0	15
		W27/350	18.78					0	0	0
R23/350	BEDROOM	W28/350	18.45	1.33	115.90	74.50	64.28%	0	0	0
R24/350	BEDROOM	W29/350	14.32	0.82	156.20	60.50	38.73%	0	0	0
R25/350	BEDROOM	W30/350	16.58	1.47	115.20	105.70	91.75%	0	0	0
R26/350	BEDROOM	W31/350	19.95	1.55	129.60	109.10	84.18%	0	0	0
R27/350	BEDROOM	W32/350	20.96	2.11	129.60	120.40	92.90%	0	0	0
R28/350	BEDROOM	W33/350	18.33	2.05	115.20	92.10	79.95%	0	0	0
1st Floor										
R1/351	LKD	W1/351	26.28	1.82	366.30	242.90	66.31%	0	0	0
		W2/351	3.11					0	0	0
R2/351	BEDROOM	W3/351	9.13	1.70	117.80	105.80	89.81%	0	0	0
R3/351	BEDROOM	W4/351	23.72	1.84	130.60	122.60	93.87%	0	0	0
R4/351	LKD	W5/351	22.88	2.20	288.80	273.60	94.74%	0	0	0
		W6/351	21.71					0	0	0
R5/351	BEDROOM	W8/351	22.69	1.74	117.90	87.70	74.39%	12	9	21
R6/351	LKD	W9/351	23.16	3.06	240.00	233.80	97.42%	4	24	28
R7/351	LKD	W10/351	19.77	2.00	278.50	277.90	99.78%	3	16	19
R8/351	BEDROOM	W11/351	21.02	2.61	105.90	103.80	98.02%	3	19	22
R9/351	BEDROOM	W12/351	21.06	2.62	105.90	103.60	97.83%	3	19	22
R10/351	LKD	W13/351	19.37	1.79	278.10	276.90	99.57%	1	20	21
R11/351	BEDROOM	W14/351	39.09	2.39	147.50	144.90	98.24%	23	22	45
R12/351	BEDROOM	W15/351	19.72	2.50	109.40	105.50	96.44%	3	15	18
R13/351	LKD	W16/351	21.30	2.12	344.40	342.50	99.45%	3	20	23
R14/351	LKD	W17/351	20.23	2.03	347.20	346.70	99.86%	2	20	22
R15/351	LKD	W18/351	20.63	2.08	347.20	346.70	99.86%	3	17	20
R16/351	LKD	W19/351	21.43	2.13	344.40	342.50	99.45%	3	20	23
R17/351	BEDROOM	W20/351	18.30	2.37	109.40	102.00	93.24%	0	18	18
R18/351	BEDROOM	W21/351	39.34	3.19	147.90	146.10	98.78%	27	24	51
R19/351	LKD	W22/351	39.34	4.01	331.80	331.40	99.88%	27	24	51
		W23/351	20.55					12	3	15
R20/351	BEDROOM	W24/351	18.47	2.53	108.70	104.60	96.23%	11	0	11
R21/351	BEDROOM	W25/351	37.84	2.28	149.80	147.00	98.13%	16	0	16
R22/351	LKD	W26/351	37.84	2.92	375.40	369.90	98.53%	16	0	16
		W27/351	19.68					11	0	11
R23/351	BEDROOM	W28/351	21.72	1.71	115.90	74.70	64.45%	1	0	1
R24/351	BEDROOM	W29/351	18.58	1.20	156.20	68.90	44.11%	0	0	0
R25/351	BEDROOM	W30/351	18.76	1.73	115.20	106.80	92.71%	0	0	0
R26/351	BEDROOM	W31/351	22.67	1.84	129.60	113.50	87.58%	1	0	1
R27/351	BEDROOM	W32/351	23.57	2.47	129.60	123.50	95.29%	0	0	0
R28/351	BEDROOM	W33/351	20.44	2.39	115.20	98.50	85.50%	0	0	0
2nd Floor										
R1/352	LKD	W1/352	28.64	1.99	366.30	272.80	74.47%	1	0	1
		W2/352	4.38					1	0	1
R2/352	BEDROOM	W3/352	10.79	2.00	117.80	108.00	91.68%	0	0	0
R3/352	BEDROOM	W4/352	25.93	1.97	130.60	124.20	95.10%	0	0	0
R4/352	LKD	W5/352	25.36	2.42	288.80	278.30	96.36%	0	0	0
		W6/352	24.23					0	0	0
R5/352	BEDROOM	W8/352	25.31	1.93	117.90	91.50	77.61%	13	10	23
R6/352	LKD	W9/352	23.65	3.11	240.00	233.80	97.42%	4	24	28
R7/352	LKD	W10/352	20.08	2.02	278.50	277.90	99.78%	3	16	19
R8/352	BEDROOM	W11/352	21.38	2.65	105.90	103.80	98.02%	3	19	22
R9/352	BEDROOM	W12/352	21.39	2.65	105.90	103.60	97.83%	3	19	22
R10/352	LKD	W13/352	19.67	1.82	278.10	276.90	99.57%	1	20	21
R11/352	BEDROOM	W14/352	39.36	2.40	147.50	144.90	98.24%	23	22	45
R12/352	BEDROOM	W15/352	19.84	2.50	109.40	105.50	96.44%	3	15	18
R13/352	LKD	W16/352	21.51	2.14	344.40	342.50	99.45%	3	20	23
R14/352	LKD	W17/352	20.44	2.05	347.20	346.70	99.86%	2	20	22
R15/352	LKD	W18/352	20.76	2.08	347.20	346.70	99.86%	3	17	20
R16/352	LKD	W19/352	21.58	2.14	344.40	342.50	99.45%	3	20	23
R17/352	BEDROOM	W20/352	18.43	2.38	109.40	102.00	93.24%	0	18	18

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R18/352	BEDROOM	W21/352	39.49	3.19	147.90	146.10	98.78%	27	24	51
R19/352	LKD	W22/352	39.50	4.11	331.80	331.40	99.88%	27	24	51
		W23/352	21.66					12	3	15
R20/352	BEDROOM	W24/352	19.53	2.64	108.70	104.60	96.23%	11	0	11
R21/352	BEDROOM	W25/352	39.07	2.35	149.80	147.00	98.13%	16	0	16
R22/352	LKD	W26/352	39.11	3.05	375.40	369.90	98.53%	16	0	16
		W27/352	20.89					11	0	11
R23/352	BEDROOM	W28/352	25.55	2.03	115.90	80.00	69.03%	1	0	1
R24/352	BEDROOM	W29/352	22.29	1.45	156.20	74.00	47.38%	0	0	0
R25/352	BEDROOM	W30/352	21.02	1.89	115.20	107.00	92.88%	1	0	1
R26/352	BEDROOM	W31/352	25.52	2.02	129.60	119.90	92.52%	1	0	1
R27/352	BEDROOM	W32/352	26.21	2.69	129.60	124.60	96.14%	0	0	0
R28/352	BEDROOM	W33/352	22.55	2.58	115.20	106.40	92.36%	0	0	0
3rd Floor										
R1/353	LKD	W1/353	31.03	2.16	366.30	308.30	84.17%	2	0	2
		W2/353	6.00					3	0	3
R2/353	BEDROOM	W3/353	12.49	2.27	117.80	110.90	94.14%	1	0	1
R3/353	BEDROOM	W4/353	28.98	2.10	130.60	124.20	95.10%	0	0	0
R4/353	LKD	W5/353	28.00	2.65	288.80	280.70	97.20%	3	0	3
		W6/353	26.96					0	0	0
R5/353	BEDROOM	W8/353	28.11	2.13	117.90	96.30	81.68%	15	11	26
R6/353	LKD	W9/353	35.84	4.31	240.00	234.00	97.50%	31	25	56
R7/353	LKD	W10/353	20.33	2.04	278.50	277.90	99.78%	3	16	19
R8/353	BEDROOM	W11/353	21.66	2.68	105.90	103.80	98.02%	3	19	22
R9/353	BEDROOM	W12/353	21.65	2.68	105.90	103.60	97.83%	3	19	22
R10/353	LKD	W13/353	19.90	1.84	278.10	276.90	99.57%	1	20	21
R11/353	BEDROOM	W14/353	39.56	2.41	147.50	144.90	98.24%	23	22	45
R12/353	BEDROOM	W15/353	19.94	2.50	109.40	105.50	96.44%	3	15	18
R13/353	LKD	W16/353	21.68	2.15	344.40	342.50	99.45%	3	20	23
R14/353	LKD	W17/353	20.60	2.06	347.20	346.70	99.86%	2	20	22
R15/353	LKD	W18/353	20.84	2.09	347.20	346.70	99.86%	3	17	20
R16/353	LKD	W19/353	21.70	2.15	344.40	342.50	99.45%	3	20	23
R17/353	BEDROOM	W20/353	18.53	2.39	109.40	102.00	93.24%	0	18	18
R18/353	BEDROOM	W21/353	39.59	3.20	147.90	146.10	98.78%	27	24	51
R19/353	LKD	W22/353	39.59	4.15	331.80	331.40	99.88%	27	24	51
		W23/353	22.14					12	3	15
R20/353	BEDROOM	W24/353	19.96	2.68	108.70	104.60	96.23%	11	0	11
R21/353	BEDROOM	W25/353	39.53	2.37	149.80	147.00	98.13%	16	0	16
R22/353	LKD	W26/353	39.58	3.10	375.40	369.90	98.53%	16	0	16
		W27/353	21.41					11	0	11
R23/353	BEDROOM	W28/353	30.18	2.39	115.90	105.70	91.20%	2	0	2
R24/353	BEDROOM	W29/353	26.85	1.74	156.20	99.30	63.57%	0	0	0
R25/353	BEDROOM	W30/353	23.46	2.04	115.20	107.20	93.06%	1	0	1
R26/353	BEDROOM	W31/353	28.62	2.20	129.60	123.10	94.98%	1	0	1
R27/353	BEDROOM	W32/353	29.15	2.90	129.60	124.80	96.30%	0	0	0
R28/353	BEDROOM	W33/353	24.89	2.77	115.20	109.60	95.14%	0	0	0
4th Floor										
R1/354	LKD	W1/354	33.41	2.87	366.30	346.30	94.54%	3	0	3
		W2/354	20.10					16	1	17
R2/354	BEDROOM	W3/354	27.05	3.98	116.80	111.90	95.80%	1	0	1
R3/354	BEDROOM	W6/354	39.62	2.41	147.50	144.90	98.24%	23	22	45
R4/354	BEDROOM	W7/354	34.79	4.00	109.40	106.10	96.98%	34	16	50
R5/354	LKD	W8/354	39.06	3.64	344.40	342.60	99.48%	45	25	70
R6/354	LKD	W9/354	35.80	3.33	347.20	346.70	99.86%	35	25	60
R7/354	LKD	W10/354	21.27	2.12	347.20	346.70	99.86%	3	18	21
R8/354	LKD	W11/354	21.76	2.16	344.40	342.50	99.45%	3	20	23
R9/354	BEDROOM	W12/354	18.58	2.39	109.40	102.00	93.24%	0	18	18
R10/354	BEDROOM	W13/354	39.62	3.20	147.90	146.10	98.78%	27	24	51
R11/354	LKD	W14/354	39.62	5.40	331.80	330.60	99.64%	27	24	51
		W15/354	39.21					20	3	23
R12/354	BEDROOM	W16/354	35.50	3.98	108.70	105.10	96.69%	17	0	17
R13/354	BEDROOM	W17/354	39.62	2.37	149.80	147.00	98.13%	16	0	16
R14/354	LKD	W18/354	39.62	2.77	375.40	370.10	98.59%	16	0	16
		W19/354	17.25					9	0	9
R15/354	BEDROOM	W20/354	34.03	2.71	115.90	112.50	97.07%	2	0	2
R16/354	BEDROOM	W21/354	30.73	1.98	156.20	152.80	97.82%	0	0	0

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R17/354	BEDROOM	W22/354	25.93	2.26	115.20	107.90	93.66%	3	0	3
R18/354	BEDROOM	W23/354	31.83	2.47	129.60	124.40	95.99%	3	0	3
R19/354	BEDROOM	W24/354	32.56	3.24	129.60	127.00	97.99%	1	0	1
R20/354	BEDROOM	W25/354	28.29	3.07	115.20	110.70	96.09%	0	0	0
5th Floor										
R1/355	BEDROOM	W1/355	29.30	2.32	116.00	108.90	93.88%	2	0	2
R2/355	BEDROOM	W2/355	34.88	2.52	129.60	124.70	96.22%	2	0	2
R3/355	LKD	W3/355	37.44	4.88	347.40	345.20	99.37%	25	13	38
		W4/355	39.43					47	25	72
R4/355	BEDROOM	W5/355	39.42	4.48	105.00	103.40	98.48%	40	23	63
R5/355	BEDROOM	W6/355	39.42	4.82	98.50	97.50	98.98%	40	23	63
R6/355	BEDROOM	W7/355	39.42	4.82	98.50	97.50	98.98%	40	23	63
R7/355	LKD	W8/355	39.43	5.05	368.40	356.40	96.74%	47	25	72
		W9/355	39.31					20	1	21
R8/355	LKD	W10/355	0.00	6.28	268.70	268.70	100.00%	0	0	0
		W11/355	39.43					20	1	21
		W12/355	32.76					0	0	0
R9/355	BEDROOM	W13/355	33.40	2.58	122.50	117.30	95.76%	0	0	0
Block D										
Gnd Floor										
R1/360	BEDROOM	W1/360	21.53	3.31	116.20	111.20	95.70%	20	4	24
R2/360	BEDROOM	W2/360	28.94	2.30	130.50	124.40	95.33%	18	3	21
R3/360	LKD	W3/360	5.82	1.57	334.60	319.20	95.40%	2	2	4
		W4/360	13.11					11	0	11
R4/360	LKD	W5/360	13.50	1.68	349.70	329.40	94.20%	11	0	11
R5/360	BEDROOM	W6/360	13.58	2.08	107.20	104.30	97.29%	11	1	12
R6/360	BEDROOM	W7/360	27.32	1.84	146.40	119.30	81.49%	17	3	20
R7/360	LKD	W8/360	5.90	0.70	330.90	183.90	55.58%	6	0	6
R8/360	LKD	W9/360	6.05	0.83	330.90	169.70	51.28%	6	0	6
R9/360	LKD	W10/360	5.63	0.78	349.70	151.50	43.32%	7	1	8
R10/360	BEDROOM	W11/360	4.86	1.35	107.20	90.20	84.14%	5	0	5
R11/360	BEDROOM	W12/360	23.94	1.63	146.40	90.50	61.82%	13	3	16
R12/360	LKD	W13/360	8.85	0.95	277.00	99.70	35.99%	7	1	8
R13/360	BEDROOM	W14/360	9.08	1.44	106.70	69.50	65.14%	6	2	8
R14/360	BEDROOM	W15/360	6.21	0.90	106.70	63.20	59.23%	3	0	3
R15/360	LKD	W16/360	7.50	0.90	277.00	88.30	31.88%	4	1	5
R16/360	LKD	W17/360	6.73	2.22	238.50	170.10	71.32%	4	1	5
		W18/360	15.58					1	0	1
R17/360	BEDROOM	W19/360	18.52	1.48	116.20	49.10	42.25%	0	0	0
R18/360	LKD	W20/360	9.92	4.59	297.40	280.20	94.22%	1	0	1
		W21/360	34.02					19	2	21
		W22/360	34.86					16	1	17
R19/360	BEDROOM	W23/360	34.91	4.16	139.10	134.90	96.98%	18	2	20
R20/360	LKD	W24/360	9.95	1.72	274.90	267.20	97.20%	6	2	8
R21/360	BEDROOM	W25/360	28.40	2.32	128.70	122.70	95.34%	17	1	18
R22/360	BEDROOM	W26/360	21.73	2.05	112.80	104.70	92.82%	18	5	23
R23/360	BEDROOM	W27/360	29.05	4.04	128.30	124.40	96.96%	23	6	29
R24/360	BEDROOM	W28/360	29.28	4.03	130.50	126.10	96.63%	21	2	23
R25/360	BEDROOM	W29/360	23.11	2.12	114.80	105.50	91.90%	10	0	10
1st Floor										
R1/361	BEDROOM	W1/361	23.19	3.49	116.20	111.20	95.70%	22	6	28
R2/361	BEDROOM	W2/361	30.80	2.42	130.50	124.40	95.33%	20	5	25
R3/361	LKD	W3/361	6.71	1.45	334.60	325.70	97.34%	2	2	4
		W4/361	12.21					11	1	12
R4/361	LKD	W5/361	12.52	1.49	349.70	333.70	95.42%	10	1	11
R5/361	BEDROOM	W6/361	12.63	1.84	107.20	104.50	97.48%	10	2	12
R6/361	BEDROOM	W7/361	29.81	2.01	146.40	133.90	91.46%	18	3	21
R7/361	LKD	W8/361	5.26	0.59	330.90	204.60	61.83%	6	0	6
R8/361	LKD	W9/361	5.36	0.69	330.90	185.00	55.91%	5	0	5
R9/361	LKD	W10/361	5.05	0.64	349.70	165.80	47.41%	4	1	5
R10/361	BEDROOM	W11/361	4.44	1.13	107.20	93.50	87.22%	4	0	4
R11/361	BEDROOM	W12/361	26.76	1.80	146.40	112.70	76.98%	16	3	19
R12/361	LKD	W13/361	8.32	0.83	277.00	105.30	38.01%	5	1	6
R13/361	BEDROOM	W14/361	8.48	1.26	106.70	72.10	67.57%	5	2	7
R14/361	BEDROOM	W15/361	5.97	0.79	106.70	67.30	63.07%	2	0	2
R15/361	LKD	W16/361	7.00	0.79	277.00	92.00	33.21%	3	2	5

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R16/361	LKD	W17/361	6.36	2.18	238.50	176.80	74.13%	3	3	6
		W18/361	17.88					1	0	1
R17/361	BEDROOM	W19/361	20.11	1.56	116.20	53.50	46.04%	0	0	0
R18/361	LKD	W20/361	9.05	4.56	297.40	280.70	94.38%	1	0	1
		W21/361	34.79					19	2	21
		W22/361	35.67					16	1	17
R19/361	BEDROOM	W23/361	35.78	4.22	139.10	135.20	97.20%	18	2	20
R20/361	LKD	W24/361	8.94	1.56	274.90	270.40	98.36%	5	2	7
R21/361	BEDROOM	W25/361	30.33	2.53	128.70	123.80	96.19%	17	2	19
R22/361	BEDROOM	W26/361	23.16	2.23	112.80	104.90	93.00%	20	5	25
R23/361	BEDROOM	W27/361	30.64	4.34	128.30	124.40	96.96%	23	6	29
R24/361	BEDROOM	W28/361	30.71	4.29	130.50	126.40	96.86%	21	3	24
R25/361	BEDROOM	W29/361	24.02	2.27	114.80	105.60	91.99%	10	0	10
2nd Floor										
R1/362	BEDROOM	W1/362	24.50	3.64	116.20	111.20	95.70%	22	6	28
R2/362	BEDROOM	W2/362	32.24	2.51	130.50	124.40	95.33%	21	5	26
R3/362	LKD	W3/362	7.89	1.65	334.60	331.50	99.07%	2	2	4
		W4/362	13.98					12	1	13
R4/362	LKD	W5/362	14.49	1.73	349.70	343.00	98.08%	11	1	12
R5/362	BEDROOM	W6/362	14.51	2.17	107.20	104.50	97.48%	11	2	13
R6/362	BEDROOM	W7/362	32.06	2.14	146.40	143.50	98.02%	18	4	22
R7/362	LKD	W8/362	6.57	0.79	330.90	269.10	81.32%	7	0	7
R8/362	LKD	W9/362	6.66	0.93	330.90	253.80	76.70%	7	0	7
R9/362	LKD	W10/362	6.37	0.86	349.70	256.70	73.41%	7	1	8
R10/362	BEDROOM	W11/362	6.04	1.63	107.20	105.90	98.79%	5	0	5
R11/362	BEDROOM	W12/362	29.45	1.96	146.40	131.10	89.55%	17	4	21
R12/362	LKD	W13/362	10.75	1.05	277.00	159.10	57.44%	9	1	10
R13/362	BEDROOM	W14/362	10.63	1.55	106.70	86.30	80.88%	7	3	10
R14/362	BEDROOM	W15/362	8.45	1.09	106.70	90.70	85.00%	5	0	5
R15/362	LKD	W16/362	9.30	0.97	277.00	125.70	45.38%	6	3	9
R16/362	LKD	W17/362	9.10	2.57	238.50	194.90	81.72%	5	3	8
		W18/362	20.20					1	0	1
R17/362	BEDROOM	W19/362	21.84	1.68	116.20	59.40	51.12%	0	0	0
R18/362	LKD	W20/362	9.08	4.60	297.40	281.20	94.55%	1	0	1
		W21/362	35.48					19	2	21
		W22/362	36.38					16	1	17
R19/362	BEDROOM	W23/362	36.52	4.28	139.10	135.30	97.27%	18	2	20
R20/362	LKD	W24/362	9.63	1.66	274.90	270.40	98.36%	6	2	8
R21/362	BEDROOM	W25/362	31.18	2.59	128.70	123.80	96.19%	18	2	20
R22/362	BEDROOM	W26/362	24.23	2.31	112.80	104.90	93.00%	21	5	26
R23/362	BEDROOM	W27/362	31.77	4.47	128.30	124.40	96.96%	24	6	30
R24/362	BEDROOM	W28/362	31.82	4.41	130.50	126.40	96.86%	22	3	25
R25/362	BEDROOM	W29/362	24.77	2.32	114.80	105.60	91.99%	11	0	11
3rd Floor										
R1/363	BEDROOM	W1/363	25.77	3.78	116.20	111.20	95.70%	23	6	29
R2/363	BEDROOM	W2/363	33.65	2.60	130.50	124.40	95.33%	21	5	26
R3/363	LKD	W3/363	9.87	1.82	334.60	332.20	99.28%	2	2	4
		W4/363	15.65					13	1	14
R4/363	LKD	W5/363	16.37	1.96	349.70	347.60	99.40%	13	2	15
R5/363	BEDROOM	W6/363	16.32	2.44	107.20	104.50	97.48%	13	5	18
R6/363	BEDROOM	W7/363	34.24	2.27	146.40	143.50	98.02%	21	6	27
R7/363	LKD	W8/363	7.85	0.96	330.90	320.10	96.74%	9	0	9
R8/363	LKD	W9/363	7.92	1.12	330.90	321.70	97.22%	8	0	8
R9/363	LKD	W10/363	7.76	1.06	349.70	339.60	97.11%	7	1	8
R10/363	BEDROOM	W11/363	7.63	2.09	107.20	105.90	98.79%	7	1	8
R11/363	BEDROOM	W12/363	32.14	2.12	146.40	142.30	97.20%	19	6	25
R12/363	LKD	W13/363	13.25	1.35	277.00	245.60	88.66%	10	1	11
R13/363	BEDROOM	W14/363	12.83	1.93	106.70	103.30	96.81%	10	5	15
R14/363	BEDROOM	W15/363	11.10	1.61	106.70	103.10	96.63%	8	0	8
R15/363	LKD	W16/363	11.71	1.28	277.00	184.70	66.68%	9	5	14
R16/363	LKD	W17/363	12.04	3.31	238.50	237.00	99.37%	9	4	13
		W18/363	22.94					1	0	1
R17/363	BEDROOM	W19/363	23.95	1.84	116.20	66.60	57.31%	0	0	0
R18/363	LKD	W20/363	9.14	4.64	297.40	282.10	94.86%	1	0	1
		W21/363	36.21					19	2	21
		W22/363	37.09					17	1	18

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R19/363	BEDROOM	W23/363	37.25	4.34	139.10	136.00	97.77%	19	2	21
R20/363	LKD	W24/363	10.30	1.76	274.90	270.40	98.36%	7	2	9
R21/363	BEDROOM	W25/363	31.99	2.64	128.70	123.80	96.19%	19	3	22
R22/363	BEDROOM	W26/363	25.28	2.38	112.80	104.90	93.00%	22	6	28
R23/363	BEDROOM	W27/363	32.89	4.59	128.30	124.40	96.96%	25	6	31
R24/363	BEDROOM	W28/363	32.92	4.52	130.50	126.40	96.86%	22	3	25
R25/363	BEDROOM	W29/363	25.51	2.37	114.80	105.60	91.99%	12	0	12
4th Floor										
R1/364	BEDROOM	W1/364	26.98	3.91	116.20	111.20	95.70%	24	7	31
R2/364	BEDROOM	W2/364	35.03	2.68	130.50	124.40	95.33%	22	7	29
R3/364	LKD	W3/364	13.67	2.09	334.60	332.20	99.28%	5	2	7
		W4/364	17.14					14	1	15
R4/364	LKD	W5/364	18.09	2.16	349.70	347.60	99.40%	14	2	16
R5/364	BEDROOM	W6/364	17.95	2.67	107.20	104.50	97.48%	13	5	18
R6/364	BEDROOM	W7/364	36.20	2.39	146.40	143.50	98.02%	21	6	27
R7/364	LKD	W8/364	9.06	1.09	330.90	325.80	98.46%	9	0	9
R8/364	LKD	W9/364	9.11	1.27	330.90	329.30	99.52%	10	0	10
R9/364	LKD	W10/364	9.09	1.23	349.70	346.20	99.00%	8	1	9
R10/364	BEDROOM	W11/364	9.13	2.49	107.20	105.90	98.79%	8	1	9
R11/364	BEDROOM	W12/364	34.71	2.27	146.40	142.80	97.54%	20	6	26
R12/364	LKD	W13/364	15.69	1.63	277.00	276.10	99.68%	13	1	14
R13/364	BEDROOM	W14/364	14.97	2.26	106.70	103.50	97.00%	13	5	18
R14/364	BEDROOM	W15/364	13.74	2.07	106.70	103.20	96.72%	11	0	11
R15/364	LKD	W16/364	14.13	1.55	277.00	267.90	96.71%	12	5	17
R16/364	LKD	W17/364	15.03	4.03	238.50	237.00	99.37%	11	4	15
		W18/364	26.14					1	0	1
R17/364	BEDROOM	W19/364	26.50	2.04	116.20	76.60	65.92%	0	0	0
R18/364	LKD	W20/364	9.24	4.69	297.40	283.40	95.29%	1	0	1
		W21/364	36.99					19	4	23
		W22/364	37.82					17	2	19
R19/364	BEDROOM	W23/364	37.98	4.39	139.10	136.40	98.06%	19	4	23
R20/364	LKD	W24/364	10.92	1.84	274.90	270.40	98.36%	7	4	11
R21/364	BEDROOM	W25/364	32.77	2.69	128.70	123.80	96.19%	19	4	23
R22/364	BEDROOM	W26/364	26.32	2.45	112.80	104.90	93.00%	22	7	29
R23/364	BEDROOM	W27/364	34.04	4.70	128.30	124.40	96.96%	25	7	32
R24/364	BEDROOM	W28/364	34.05	4.63	130.50	126.40	96.86%	23	5	28
R25/364	BEDROOM	W29/364	26.25	2.42	114.80	105.60	91.99%	12	0	12
5th Floor										
R1/365	BEDROOM	W1/365	28.13	4.02	116.20	111.20	95.70%	24	7	31
R2/365	BEDROOM	W2/365	36.41	2.76	130.50	124.40	95.33%	22	7	29
R3/365	LKD	W3/365	21.52	2.66	334.60	332.20	99.28%	22	3	25
		W4/365	18.27					14	1	15
R4/365	LKD	W5/365	19.47	2.32	349.70	347.60	99.40%	14	2	16
R5/365	BEDROOM	W6/365	19.19	2.83	107.20	104.50	97.48%	14	5	19
R6/365	BEDROOM	W7/365	37.71	2.48	146.40	143.50	98.02%	22	6	28
R7/365	LKD	W8/365	10.12	1.19	330.90	325.80	98.46%	10	0	10
R8/365	LKD	W9/365	10.16	1.39	330.90	329.30	99.52%	10	0	10
R9/365	LKD	W10/365	10.27	1.37	349.70	346.20	99.00%	9	1	10
R10/365	BEDROOM	W11/365	10.45	2.79	107.20	105.90	98.79%	10	1	11
R11/365	BEDROOM	W12/365	36.97	2.40	146.40	142.80	97.54%	21	6	27
R12/365	LKD	W13/365	17.95	1.86	277.00	276.10	99.68%	13	1	14
R13/365	BEDROOM	W14/365	16.92	2.53	106.70	103.50	97.00%	14	5	19
R14/365	BEDROOM	W15/365	16.21	2.44	106.70	103.20	96.72%	13	0	13
R15/365	LKD	W16/365	16.38	1.76	277.00	276.00	99.64%	14	5	19
R16/365	LKD	W17/365	17.85	4.67	238.50	237.00	99.37%	13	4	17
		W18/365	29.73					1	0	1
R17/365	BEDROOM	W19/365	29.57	2.27	116.20	88.10	75.82%	0	0	0
R18/365	LKD	W20/365	9.44	4.74	297.40	285.20	95.90%	1	0	1
		W21/365	37.81					19	4	23
		W22/365	38.53					17	2	19

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R19/365	BEDROOM	W23/365	38.68	4.44	139.10	136.60	98.20%	19	4	23
R20/365	LKD	W24/365	11.47	1.91	274.90	270.40	98.36%	7	4	11
R21/365	BEDROOM	W25/365	33.57	2.73	128.70	123.80	96.19%	19	4	23
R22/365	BEDROOM	W26/365	27.35	2.51	112.80	104.90	93.00%	22	7	29
R23/365	BEDROOM	W27/365	35.28	4.81	128.30	124.70	97.19%	25	7	32
R24/365	BEDROOM	W28/365	35.27	4.73	130.50	126.40	96.86%	23	5	28
R25/365	BEDROOM	W29/365	27.05	2.46	114.80	105.60	91.99%	12	0	12
6th Floor										
R1/366	BEDROOM	W1/366	28.86	4.05	116.20	111.40	95.87%	24	7	31
R2/366	BEDROOM	W2/366	37.24	2.77	130.50	124.60	95.48%	22	7	29
R3/366	LKD	W3/366	31.31	3.11	334.60	332.20	99.28%	22	17	39
		W4/366	18.81					14	1	15
R4/366	LKD	W5/366	20.18	2.39	349.70	347.60	99.40%	14	2	16
R5/366	BEDROOM	W6/366	19.78	2.89	107.20	104.50	97.48%	14	5	19
R6/366	BEDROOM	W7/366	38.31	2.52	146.40	143.50	98.02%	22	6	28
R7/366	LKD	W8/366	10.71	1.24	330.90	325.80	98.46%	10	0	10
R8/366	LKD	W9/366	10.74	1.44	330.90	329.30	99.52%	10	0	10
R9/366	LKD	W10/366	11.00	1.45	349.70	346.20	99.00%	9	1	10
R10/366	BEDROOM	W11/366	11.36	2.96	107.20	105.90	98.79%	10	1	11
R11/366	BEDROOM	W12/366	38.25	2.48	146.40	142.80	97.54%	22	6	28
R12/366	LKD	W13/366	19.61	2.01	277.00	276.10	99.68%	14	1	15
R13/366	BEDROOM	W14/366	18.33	2.69	106.70	103.50	97.00%	14	5	19
R14/366	BEDROOM	W15/366	18.05	2.67	106.70	103.20	96.72%	13	0	13
R15/366	LKD	W16/366	18.09	1.90	277.00	276.00	99.64%	14	5	19
R16/366	LKD	W17/366	19.82	5.15	238.50	237.00	99.37%	14	4	18
		W18/366	33.40					1	0	1
R17/366	BEDROOM	W19/366	33.00	2.53	116.20	108.30	93.20%	0	0	0
R18/366	LKD	W20/366	24.22	5.48	297.40	290.40	97.65%	1	0	1
		W21/366	38.44					19	4	23
		W22/366	38.94					17	2	19
R19/366	BEDROOM	W23/366	39.07	4.46	139.10	136.60	98.20%	19	4	23
R20/366	LKD	W24/366	11.62	1.93	274.90	270.40	98.36%	7	4	11
R21/366	BEDROOM	W25/366	34.25	2.74	128.70	123.80	96.19%	19	4	23
R22/366	BEDROOM	W26/366	28.07	2.52	112.80	105.20	93.26%	22	7	29
R23/366	BEDROOM	W27/366	36.34	4.84	128.30	125.70	97.97%	25	7	32
R24/366	BEDROOM	W28/366	36.32	4.77	130.50	128.00	98.08%	24	5	29
R25/366	BEDROOM	W29/366	27.73	2.47	114.80	105.90	92.25%	12	0	12
7th Floor										
R1/367	LKD	W1/367	38.31	5.65	347.90	346.80	99.68%	37	27	64
		W2/367	39.61					27	10	37
R2/367	BEDROOM	W3/367	39.61	5.01	115.00	113.10	98.35%	26	6	32
R3/367	BEDROOM	W4/367	39.61	3.91	130.50	129.40	99.16%	26	6	32
R4/367	LKD	W5/367	39.61	3.38	328.40	327.50	99.73%	27	10	37
R5/367	LKD	W6/367	39.61	3.97	328.30	328.00	99.91%	27	10	37
R6/367	BEDROOM	W7/367	39.61	4.50	130.10	129.30	99.39%	26	6	32
R7/367	BEDROOM	W8/367	39.61	4.44	113.80	111.50	97.98%	26	6	32
R8/367	LKD	W9/367	39.60	3.85	344.10	342.00	99.39%	27	10	37
R9/367	BEDROOM	W10/367	39.60	8.01	109.00	108.70	99.72%	27	10	37
R10/367	BEDROOM	W11/367	39.59	5.67	97.90	96.90	98.98%	26	6	32
R11/367	BEDROOM	W12/367	39.59	5.81	94.70	94.00	99.26%	26	6	32
R12/367	LKD	W13/367	39.58	4.69	370.70	368.90	99.51%	27	10	37
		W14/367	37.44					1	0	1
R13/367	LKD	W16/367	35.71	4.16	274.90	274.00	99.67%	22	4	26
R14/367	BEDROOM	W17/367	36.13	2.79	128.90	124.50	96.59%	19	4	23
R15/367	BEDROOM	W18/367	30.96	2.63	112.80	107.00	94.86%	22	7	29
R16/367	BEDROOM	W19/367	38.22	2.94	128.30	124.10	96.73%	23	7	30
R17/367	BEDROOM	W20/367	38.21	2.90	130.50	126.40	96.86%	23	6	29
R18/367	BEDROOM	W21/367	30.58	2.58	114.80	108.00	94.08%	16	0	16
Block E										
Gnd Floor										
R1/370	BEDROOM	W1/370	20.06	1.77	117.70	84.60	71.88%	12	2	14
R2/370	LKD	W2/370	8.03	1.35	275.10	137.30	49.91%	2	0	2
R3/370	BEDROOM	W3/370	25.59	1.99	117.40	84.60	72.06%	10	3	13
R4/370	LKD	W4/370	7.54	1.06	259.90	117.20	45.09%	2	0	2
R5/370	LKD	W5/370	34.11	4.39	281.60	281.60	100.00%	23	22	45
		W6/370	21.59					17	1	18

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R6/370	BEDROOM	W7/370	22.68	3.35	103.80	102.40	98.65%	16	3	19
R7/370	BEDROOM	W8/370	22.21	3.29	103.80	102.30	98.55%	14	4	18
R8/370	LKD	W9/370	20.02	2.44	280.20	280.00	99.93%	12	8	20
R9/370	BEDROOM	W10/370	31.75	2.09	143.40	133.00	92.75%	16	6	22
R10/370	BEDROOM	W11/370	17.01	2.70	103.10	98.90	95.93%	9	1	10
R11/370	LKD	W12/370	18.25	2.30	351.70	318.00	90.42%	7	7	14
R12/370	LKD	W13/370	17.73	2.35	335.00	275.70	82.30%	6	9	15
R13/370	LKD	W14/370	16.37	2.19	336.00	230.30	68.54%	8	8	16
R14/370	BEDROOM	W15/370	28.88	1.90	143.40	101.40	70.71%	13	5	18
R15/370	BEDROOM	W16/370	15.50	2.51	103.10	99.60	96.61%	10	0	10
R16/370	LKD	W17/370	17.85	2.24	349.50	298.50	85.41%	12	4	16
R17/370	LKD	W18/370	16.98	2.62	328.70	316.00	96.14%	12	5	17
		W19/370	5.76					0	0	0
R18/370	BEDROOM	W20/370	11.76	3.40	128.90	122.50	95.03%	0	0	0
		W21/370	27.88					17	1	18
R19/370	BEDROOM	W22/370	21.95	3.28	117.60	112.40	95.58%	8	0	8
R20/370	BEDROOM	W23/370	18.95	1.78	116.40	99.60	85.57%	16	2	18
R21/370	BEDROOM	W24/370	24.02	3.38	129.70	118.90	91.67%	17	2	19
R22/370	BEDROOM	W25/370	24.19	3.40	129.80	117.60	90.60%	15	1	16
R23/370	BEDROOM	W26/370	20.17	1.86	116.40	98.20	84.36%	7	0	7
1st Floor										
R1/371	BEDROOM	W1/371	24.65	2.20	117.70	107.60	91.42%	15	3	18
R2/371	LKD	W2/371	8.22	1.37	275.10	152.90	55.58%	4	0	4
R3/371	BEDROOM	W3/371	28.58	2.35	117.40	105.40	89.78%	15	3	18
R4/371	LKD	W4/371	7.87	2.79	259.90	251.70	96.84%	4	0	4
		W5/371	36.41					21	24	45
R5/371	LKD	W6/371	37.10	4.36	281.60	281.60	100.00%	23	27	50
		W7/371	17.92					15	1	16
R6/371	BEDROOM	W8/371	18.63	3.04	103.80	102.40	98.65%	14	4	18
R7/371	BEDROOM	W9/371	18.20	2.98	103.80	102.30	98.55%	12	5	17
R8/371	LKD	W10/371	16.75	2.21	280.20	280.00	99.93%	11	6	17
R9/371	BEDROOM	W11/371	33.83	2.35	143.40	137.30	95.75%	18	6	24
R10/371	BEDROOM	W12/371	16.38	2.72	103.10	100.70	97.67%	11	1	12
R11/371	LKD	W13/371	17.76	2.28	351.70	319.00	90.70%	9	5	14
R12/371	LKD	W14/371	17.35	2.33	335.00	276.20	82.45%	9	6	15
R13/371	LKD	W15/371	16.17	2.15	336.00	240.70	71.64%	11	6	17
R14/371	BEDROOM	W16/371	31.46	2.18	143.40	123.10	85.84%	17	5	22
R15/371	BEDROOM	W17/371	12.67	2.24	103.10	100.70	97.67%	11	0	11
R16/371	LKD	W18/371	14.25	1.94	349.50	313.30	89.64%	12	2	14
R17/371	LKD	W19/371	13.74	2.36	328.70	321.30	97.75%	11	4	15
		W20/371	6.41					0	0	0
R18/371	BEDROOM	W21/371	12.44	3.67	128.90	123.50	95.81%	0	0	0
		W22/371	29.66					19	1	20
R19/371	BEDROOM	W23/371	23.32	3.64	117.60	112.40	95.58%	9	0	9
R20/371	BEDROOM	W24/371	21.09	2.05	116.40	108.80	93.47%	19	2	21
R21/371	BEDROOM	W25/371	26.65	3.87	129.70	125.40	96.68%	21	2	23
R22/371	BEDROOM	W26/371	26.54	3.86	129.80	125.60	96.76%	18	1	19
R23/371	BEDROOM	W27/371	21.88	2.11	116.40	108.20	92.96%	9	0	9
2nd Floor										
R1/372	BEDROOM	W1/372	27.23	2.41	117.70	112.70	95.75%	18	3	21
R2/372	LKD	W2/372	10.41	1.83	275.10	221.80	80.63%	7	1	8
R3/372	BEDROOM	W3/372	31.36	2.58	117.40	114.00	97.10%	17	4	21
R4/372	LKD	W4/372	10.23	3.29	259.90	253.50	97.54%	5	2	7
		W5/372	37.92					21	24	45
R5/372	LKD	W6/372	38.49	4.53	281.60	281.60	100.00%	23	28	51
		W7/372	18.97					15	1	16
R6/372	BEDROOM	W8/372	19.96	3.21	103.80	102.40	98.65%	14	5	19
R7/372	BEDROOM	W9/372	19.60	3.17	103.80	102.30	98.55%	12	5	17
R8/372	LKD	W10/372	18.17	2.37	280.20	280.00	99.93%	12	6	18
R9/372	BEDROOM	W11/372	35.76	2.46	143.40	140.70	98.12%	19	6	25
R10/372	BEDROOM	W12/372	18.28	3.00	103.10	100.70	97.67%	12	1	13
R11/372	LKD	W13/372	19.88	2.52	351.70	325.30	92.49%	13	5	18
R12/372	LKD	W14/372	19.58	2.60	335.00	291.30	86.96%	13	6	19
R13/372	LKD	W15/372	18.34	2.40	336.00	272.00	80.95%	13	6	19
R14/372	BEDROOM	W16/372	33.89	2.33	143.40	141.00	98.33%	21	6	27
R15/372	BEDROOM	W17/372	14.88	2.60	103.10	100.80	97.77%	14	1	15

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R16/372	LKD	W18/372	16.45	2.21	349.50	333.10	95.31%	15	3	18
R17/372	LKD	W19/372	15.72	2.64	328.70	327.40	99.60%	15	4	19
		W20/372	7.24					1	0	1
R18/372	BEDROOM	W21/372	13.12	3.79	128.90	123.50	95.81%	0	0	0
		W22/372	31.21					20	3	23
R19/372	BEDROOM	W23/372	24.41	3.76	117.60	112.40	95.58%	10	0	10
R20/372	BEDROOM	W24/372	22.85	2.18	116.40	108.90	93.56%	20	5	25
R21/372	BEDROOM	W25/372	28.68	4.11	129.70	125.90	97.07%	22	4	26
R22/372	BEDROOM	W26/372	28.55	4.10	129.80	125.80	96.92%	20	2	22
R23/372	BEDROOM	W27/372	23.40	2.22	116.40	108.70	93.38%	11	0	11
3rd Floor										
R1/373	BEDROOM	W1/373	29.75	2.61	117.70	112.70	95.75%	20	5	25
R2/373	LKD	W2/373	9.07	1.57	275.10	253.70	92.22%	6	2	8
R3/373	BEDROOM	W3/373	34.09	2.80	117.40	114.10	97.19%	20	5	25
R4/373	LKD	W4/373	9.07	3.13	259.90	256.90	98.85%	6	3	9
		W5/373	38.98					21	26	47
R5/373	LKD	W6/373	39.29	4.39	281.60	281.60	100.00%	23	28	51
		W7/373	18.55					14	1	15
R6/373	BEDROOM	W8/373	19.82	3.00	103.80	102.40	98.65%	14	5	19
R7/373	BEDROOM	W9/373	19.93	3.08	103.80	102.30	98.55%	13	5	18
R8/373	LKD	W10/373	19.36	2.48	280.20	280.00	99.93%	14	5	19
R9/373	BEDROOM	W11/373	37.45	2.56	143.40	140.70	98.12%	21	6	27
R10/373	BEDROOM	W12/373	20.02	3.24	103.10	100.70	97.67%	15	1	16
R11/373	LKD	W13/373	21.82	2.73	351.70	350.10	99.55%	15	5	20
R12/373	LKD	W14/373	21.63	2.83	335.00	334.90	99.97%	15	6	21
R13/373	LKD	W15/373	20.34	2.61	336.00	335.90	99.97%	15	6	21
R14/373	BEDROOM	W16/373	36.15	2.48	143.40	141.10	98.40%	21	6	27
R15/373	BEDROOM	W17/373	16.95	2.90	103.10	100.80	97.77%	15	1	16
R16/373	LKD	W18/373	18.52	2.45	349.50	348.30	99.66%	15	5	20
R17/373	LKD	W19/373	17.58	2.88	328.70	328.10	99.82%	15	6	21
		W20/373	8.54					1	0	1
R18/373	BEDROOM	W21/373	14.19	3.90	128.90	123.50	95.81%	0	0	0
		W22/373	32.73					21	3	24
R19/373	BEDROOM	W23/373	25.52	3.89	117.60	112.40	95.58%	12	0	12
R20/373	BEDROOM	W24/373	24.59	2.31	116.40	108.90	93.56%	21	5	26
R21/373	BEDROOM	W25/373	30.71	4.34	129.70	125.90	97.07%	22	5	27
R22/373	BEDROOM	W26/373	30.58	4.33	129.80	125.80	96.92%	20	3	23
R23/373	BEDROOM	W27/373	24.93	2.34	116.40	108.70	93.38%	11	0	11
4th Floor										
R1/374	BEDROOM	W1/374	27.30	2.97	131.50	127.10	96.65%	21	5	26
R2/374	BEDROOM	W2/374	33.87	3.41	138.80	134.40	96.83%	22	5	27
R3/374	LKD	W3/374	19.18	2.15	336.50	332.40	98.78%	15	4	19
R4/374	BEDROOM	W4/374	38.54	2.63	143.40	141.50	98.68%	22	6	28
R5/374	BEDROOM	W5/374	21.27	3.40	103.10	100.70	97.67%	16	1	17
R6/374	LKD	W6/374	23.25	2.87	351.70	350.10	99.55%	16	5	21
R7/374	LKD	W7/374	23.21	2.99	335.00	334.90	99.97%	15	6	21
R8/374	LKD	W8/374	21.93	2.83	336.00	336.00	100.00%	15	6	21
R9/374	BEDROOM	W9/374	37.94	2.59	143.40	141.10	98.40%	21	6	27
R10/374	BEDROOM	W10/374	18.73	3.14	103.10	100.70	97.67%	15	1	16
R11/374	LKD	W11/374	20.36	2.64	349.50	348.30	99.66%	15	5	20
R12/374	LKD	W12/374	19.35	2.99	328.70	328.60	99.97%	15	6	21
		W13/374	10.92					1	0	1
R13/374	BEDROOM	W14/374	16.12	4.07	128.90	122.50	95.03%	0	0	0
		W15/374	34.23					22	3	25
R14/374	BEDROOM	W16/374	26.54	4.00	117.60	112.30	95.49%	13	0	13
R15/374	BEDROOM	W17/374	26.24	2.43	116.40	108.90	93.56%	22	5	27
R16/374	BEDROOM	W18/374	32.95	2.76	129.70	123.10	94.91%	23	5	28
R17/374	BEDROOM	W19/374	32.87	2.75	129.80	123.20	94.92%	22	3	25
R18/374	BEDROOM	W20/374	26.43	2.44	116.40	108.80	93.47%	13	0	13
5th Floor										
R1/375	BEDROOM	W1/375	29.05	3.12	131.50	127.10	96.65%	22	7	29
R2/375	BEDROOM	W2/375	35.89	3.59	138.80	134.40	96.83%	23	7	30
R3/375	LKD	W3/375	19.57	2.18	336.50	332.40	98.78%	15	4	19
R4/375	BEDROOM	W4/375	39.16	2.66	143.40	141.50	98.68%	22	6	28
R5/375	BEDROOM	W5/375	21.91	3.48	103.10	100.70	97.67%	16	1	17
R6/375	LKD	W6/375	23.95	2.94	351.70	350.10	99.55%	16	5	21

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R7/375	LKD	W7/375	23.97	3.07	335.00	334.90	99.97%	16	6	22
R8/375	LKD	W8/375	22.68	2.90	336.00	336.00	100.00%	16	6	22
R9/375	BEDROOM	W9/375	38.91	2.65	143.40	141.10	98.40%	22	6	28
R10/375	BEDROOM	W10/375	19.74	3.28	103.10	100.70	97.67%	15	1	16
R11/375	LKD	W11/375	21.47	2.76	349.50	348.30	99.66%	15	5	20
R12/375	LKD	W12/375	20.39	3.43	328.70	328.60	99.97%	15	6	21
		W13/375	15.78					1	0	1
R13/375	BEDROOM	W14/375	20.04	4.45	128.90	123.70	95.97%	0	0	0
		W15/375	35.72					22	5	27
R14/375	BEDROOM	W16/375	27.53	4.11	117.60	112.30	95.49%	13	1	14
R15/375	BEDROOM	W17/375	27.82	2.53	116.40	108.90	93.56%	22	7	29
R16/375	BEDROOM	W18/375	34.92	2.88	129.70	123.10	94.91%	23	7	30
R17/375	BEDROOM	W19/375	34.89	2.88	129.80	123.20	94.92%	22	5	27
R18/375	BEDROOM	W20/375	27.88	2.54	116.40	108.80	93.47%	14	1	15
6th Floor										
R1/376	BEDROOM	W1/376	30.07	3.18	131.50	127.10	96.65%	22	7	29
R2/376	BEDROOM	W2/376	37.12	3.66	138.80	134.60	96.97%	23	7	30
R3/376	LKD	W3/376	18.97	2.01	336.50	332.40	98.78%	14	4	18
R4/376	BEDROOM	W4/376	39.58	2.68	143.40	141.50	98.68%	22	6	28
R5/376	BEDROOM	W5/376	22.30	3.52	103.10	100.70	97.67%	16	1	17
R6/376	LKD	W6/376	24.36	2.98	351.70	350.10	99.55%	16	5	21
R7/376	LKD	W7/376	24.41	3.12	335.00	334.90	99.97%	16	6	22
R8/376	LKD	W8/376	23.05	2.93	336.00	336.00	100.00%	16	6	22
R9/376	BEDROOM	W9/376	39.52	2.68	143.40	141.10	98.40%	22	6	28
R10/376	BEDROOM	W10/376	19.57	3.07	103.10	100.70	97.67%	14	1	15
R11/376	LKD	W11/376	21.30	2.58	349.50	348.30	99.66%	14	5	19
R12/376	LKD	W12/376	20.15	3.76	328.70	328.60	99.97%	14	5	19
		W13/376	25.37					1	0	1
R13/376	BEDROOM	W14/376	27.92	5.11	128.90	124.10	96.28%	0	0	0
		W15/376	36.86					22	5	27
R14/376	BEDROOM	W16/376	28.36	4.16	117.60	112.50	95.66%	13	1	14
R15/376	BEDROOM	W17/376	28.93	2.58	116.40	109.10	93.73%	22	7	29
R16/376	BEDROOM	W18/376	36.41	2.93	129.70	123.90	95.53%	23	7	30
R17/376	BEDROOM	W19/376	36.41	2.93	129.80	124.10	95.61%	22	5	27
R18/376	BEDROOM	W20/376	28.92	2.58	116.40	109.00	93.64%	14	1	15
7th Floor										
R1/377	BEDROOM	W1/377	36.87	9.71	138.50	138.50	100.00%	28	28	56
		W2/377	37.89					25	10	35
R2/377	BEDROOM	W3/377	37.80	5.62	103.10	101.40	98.35%	25	6	31
R3/377	LKD	W4/377	37.80	4.49	351.70	350.30	99.60%	25	10	35
R4/377	LKD	W5/377	37.79	4.69	335.00	334.90	99.97%	25	10	35
R5/377	LKD	W6/377	37.79	4.67	336.00	336.00	100.00%	25	10	35
R6/377	BEDROOM	W7/377	37.79	4.29	138.50	137.40	99.21%	25	6	31
R7/377	BEDROOM	W8/377	37.80	5.52	103.10	101.90	98.84%	25	6	31
R8/377	LKD	W9/377	37.84	5.76	349.50	349.40	99.97%	25	10	35
		W10/377	33.85					1	0	1
R9/377	BEDROOM	W11/377	30.56	4.51	116.40	113.70	97.68%	25	7	32
R10/377	BEDROOM	W12/377	37.75	3.07	129.70	126.60	97.61%	24	7	31
R11/377	BEDROOM	W13/377	37.75	3.06	129.80	126.70	97.61%	24	6	30
R12/377	BEDROOM	W14/377	30.34	4.50	116.40	113.60	97.59%	16	1	17
Block F										
Gnd Floor										
R1/380	BEDROOM	W1/380	31.61	4.42	138.60	135.80	97.98%	39	18	57
R2/380	LKD	W2/380	30.30	3.59	290.50	269.60	92.81%	38	18	56
		W3/380	32.30					38	18	56
R3/380	BEDROOM	W5/380	7.68	1.82	117.20	45.70	38.99%	12	9	21
R4/380	LKD	W6/380	13.44	2.53	235.70	222.80	94.53%	9	3	12
R5/380	LKD	W7/380	13.92	2.29	281.90	194.00	68.82%	5	0	5
R6/380	BEDROOM	W8/380	15.27	3.00	104.00	101.20	97.31%	8	1	9
R7/380	BEDROOM	W9/380	15.39	3.01	104.20	99.50	95.49%	9	2	11
R8/380	LKD	W10/380	13.11	2.22	278.50	193.80	69.59%	7	2	9
R9/380	BEDROOM	W11/380	23.83	1.48	146.30	97.80	66.85%	13	0	13
R10/380	BEDROOM	W12/380	15.46	2.42	107.50	102.10	94.98%	4	0	4
R11/380	LKD	W13/380	16.59	2.38	345.90	293.60	84.88%	8	1	9
R12/380	LKD	W14/380	14.64	2.50	334.20	298.20	89.23%	8	1	9
R13/380	LKD	W15/380	16.32	2.69	332.60	320.70	96.42%	6	0	6

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R14/380	STUDIO	W16/380	17.83	2.40	329.90	254.50	77.14%	10	1	11
R15/380	LKD	W17/380	14.99	1.95	257.00	190.10	73.97%	10	2	12
R16/380	BEDROOM	W18/380	26.40	2.07	112.60	94.80	84.19%	16	1	17
R17/380	BEDROOM	W19/380	26.91	1.63	144.70	131.50	90.88%	16	1	17
R18/380	BEDROOM	W20/380	17.46	4.58	107.30	106.30	99.07%	6	0	6
R19/380	LKD	W21/380	20.39	4.42	347.20	346.00	99.65%	11	2	13
		W22/380	35.19					4	0	4
R20/380	LKD	W23/380	33.22	3.94	275.30	273.90	99.49%	6	0	6
		W24/380	16.49					19	6	25
R21/380	BEDROOM	W25/380	30.11	2.08	122.80	114.50	93.24%	32	12	44
R22/380	LKD	W26/380	10.13	2.02	277.20	272.80	98.41%	11	4	15
R23/380	BEDROOM	W27/380	25.48	1.86	121.40	110.80	91.27%	28	6	34
R24/380	BEDROOM	W28/380	19.67	1.55	115.50	102.20	88.48%	24	10	34
R25/380	BEDROOM	W29/380	28.89	4.64	128.40	125.40	97.66%	37	14	51
R26/380	BEDROOM	W30/380	30.62	4.86	127.90	125.10	97.81%	34	13	47
R27/380	BEDROOM	W31/380	25.98	2.01	104.00	92.40	88.85%	28	9	37
R28/380	LKD	W32/380	12.80	2.35	266.30	257.00	96.51%	12	4	16
R29/380	BEDROOM	W33/380	5.31	2.52	118.60	110.20	92.92%	5	0	5
		W34/380	22.90					23	5	28
1st Floor										
R1/381	BEDROOM	W1/381	34.03	5.14	138.60	136.40	98.41%	40	19	59
R2/381	LKD	W2/381	31.98	3.93	290.50	270.80	93.22%	39	18	57
		W3/381	34.18					42	19	61
R3/381	BEDROOM	W5/381	7.95	1.96	117.20	45.70	38.99%	13	9	22
R4/381	LKD	W6/381	12.48	2.45	235.70	223.90	94.99%	9	3	12
R5/381	LKD	W7/381	12.95	2.22	281.90	202.00	71.66%	6	0	6
R6/381	BEDROOM	W8/381	14.15	2.93	104.00	101.60	97.69%	9	0	9
R7/381	BEDROOM	W9/381	14.24	2.94	104.20	100.80	96.74%	8	1	9
R8/381	LKD	W10/381	12.22	2.15	278.50	198.70	71.35%	8	1	9
R9/381	BEDROOM	W11/381	25.27	1.63	146.30	107.60	73.55%	15	0	15
R10/381	BEDROOM	W12/381	13.78	4.04	107.50	106.40	98.98%	5	0	5
R11/381	LKD	W13/381	15.28	2.29	345.90	297.10	85.89%	9	1	10
R12/381	LKD	W14/381	13.57	2.41	334.20	303.30	90.75%	8	0	8
R13/381	LKD	W15/381	15.05	2.60	332.60	323.70	97.32%	6	0	6
R14/381	STUDIO	W16/381	16.35	2.42	329.90	255.10	77.33%	9	1	10
R15/381	LKD	W17/381	15.00	1.15	257.00	153.90	59.88%	9	1	10
R16/381	BEDROOM	W18/381	27.51	2.26	112.60	101.20	89.88%	16	1	17
R17/381	BEDROOM	W19/381	28.00	1.77	144.70	137.20	94.82%	18	1	19
R18/381	BEDROOM	W20/381	16.06	4.49	107.30	106.30	99.07%	8	0	8
R19/381	LKD	W21/381	18.69	4.48	347.20	346.00	99.65%	11	1	12
		W22/381	35.56					4	0	4
R20/381	LKD	W23/381	33.52	3.97	275.30	273.90	99.49%	6	0	6
		W24/381	15.51					14	7	21
R21/381	BEDROOM	W25/381	31.94	2.30	122.80	114.50	93.24%	32	13	45
R22/381	LKD	W26/381	9.98	2.06	277.20	272.80	98.41%	10	4	14
R23/381	BEDROOM	W27/381	27.46	2.07	121.40	110.80	91.27%	28	8	36
R24/381	BEDROOM	W28/381	22.56	1.80	115.50	103.10	89.26%	27	14	41
R25/381	BEDROOM	W29/381	31.65	5.22	128.40	125.10	97.43%	37	16	53
R26/381	BEDROOM	W30/381	33.32	5.48	127.90	125.00	97.73%	35	15	50
R27/381	BEDROOM	W31/381	29.21	2.33	104.00	93.40	89.81%	28	10	38
R28/381	LKD	W32/381	12.89	2.43	266.30	263.70	99.02%	11	5	16
R29/381	BEDROOM	W33/381	4.56	2.75	118.60	104.90	88.45%	6	0	6
		W34/381	25.38					25	6	31
2nd Floor										
R1/382	BEDROOM	W1/382	35.38	5.32	138.60	136.60	98.56%	42	20	62
R2/382	LKD	W2/382	32.93	4.03	290.50	271.30	93.39%	40	20	60
		W3/382	35.27					42	19	61
R3/382	BEDROOM	W5/382	8.54	2.04	117.20	45.70	38.99%	14	9	23
R4/382	LKD	W6/382	13.97	2.66	235.70	224.90	95.42%	10	4	14
R5/382	LKD	W7/382	14.13	2.36	281.90	209.80	74.42%	7	0	7
R6/382	BEDROOM	W8/382	15.54	3.14	104.00	102.30	98.37%	10	2	12
R7/382	BEDROOM	W9/382	15.61	3.14	104.20	103.00	98.85%	10	3	13
R8/382	LKD	W10/382	13.53	2.31	278.50	207.80	74.61%	10	3	13
R9/382	BEDROOM	W11/382	26.56	1.69	146.30	118.10	80.72%	17	1	18
R10/382	BEDROOM	W12/382	14.78	4.24	107.50	106.40	98.98%	7	0	7
R11/382	LKD	W13/382	16.48	2.42	345.90	304.50	88.03%	10	1	11

					Daylight Distribution			%Sun		
Room/Floor	Room Use	Window	%VSC	%ADF	Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R12/382	LKD	W14/382	14.71	2.55	334.20	312.10	93.39%	9	2	11
R13/382	LKD	W15/382	15.99	2.71	332.60	327.00	98.32%	7	0	7
R14/382	STUDIO	W16/382	17.42	2.53	329.90	255.20	77.36%	11	1	12
R15/382	LKD	W17/382	16.01	1.20	257.00	177.00	68.87%	11	1	12
R16/382	BEDROOM	W18/382	28.47	2.31	112.60	104.70	92.98%	19	1	20
R17/382	BEDROOM	W19/382	28.92	1.81	144.70	139.40	96.34%	19	1	20
R18/382	BEDROOM	W20/382	16.77	4.62	107.30	106.30	99.07%	9	0	9
R19/382	LKD	W21/382	19.57	4.55	347.20	346.00	99.65%	12	1	13
		W22/382	35.65					4	0	4
R20/382	LKD	W23/382	33.57	4.05	275.30	273.90	99.49%	6	0	6
		W24/382	16.14					14	7	21
R21/382	BEDROOM	W25/382	32.99	2.37	122.80	114.50	93.24%	32	13	45
R22/382	LKD	W26/382	10.95	2.19	277.20	272.80	98.41%	10	5	15
R23/382	BEDROOM	W27/382	28.74	2.14	121.40	110.80	91.27%	28	9	37
R24/382	BEDROOM	W28/382	24.07	1.88	115.50	103.10	89.26%	27	16	43
R25/382	BEDROOM	W29/382	33.49	5.46	128.40	125.10	97.43%	37	18	55
R26/382	BEDROOM	W30/382	35.23	5.74	127.90	125.00	97.73%	36	17	53
R27/382	BEDROOM	W31/382	30.94	2.43	104.00	93.40	89.81%	29	11	40
R28/382	LKD	W32/382	14.67	2.65	266.30	263.70	99.02%	12	6	18
R29/382	BEDROOM	W33/382	4.79	2.87	118.60	104.90	88.45%	6	0	6
		W34/382	27.13					26	7	33
3rd Floor										
R1/383	BEDROOM	W1/383	36.10	5.41	138.60	136.60	98.56%	42	22	64
R2/383	LKD	W2/383	33.37	4.10	290.50	272.50	93.80%	40	20	60
		W3/383	36.06					43	19	62
R3/383	BEDROOM	W5/383	10.59	2.30	117.20	47.30	40.36%	16	9	25
R4/383	LKD	W6/383	15.45	2.85	235.70	227.90	96.69%	10	5	15
R5/383	LKD	W7/383	15.28	2.49	281.90	226.80	80.45%	8	0	8
R6/383	BEDROOM	W8/383	16.91	3.33	104.00	102.30	98.37%	10	2	12
R7/383	BEDROOM	W9/383	16.95	3.33	104.20	103.00	98.85%	11	3	14
R8/383	LKD	W10/383	14.84	2.46	278.50	225.70	81.04%	11	3	14
R9/383	BEDROOM	W11/383	27.83	1.75	146.30	129.30	88.38%	17	1	18
R10/383	BEDROOM	W12/383	15.74	4.42	107.50	106.40	98.98%	8	0	8
R11/383	LKD	W13/383	17.65	2.54	345.90	319.70	92.43%	11	1	12
R12/383	LKD	W14/383	15.84	2.69	334.20	324.80	97.19%	11	2	13
R13/383	LKD	W15/383	16.88	2.81	332.60	331.30	99.61%	10	0	10
R14/383	STUDIO	W16/383	18.44	2.63	329.90	255.60	77.48%	13	1	14
R15/383	LKD	W17/383	17.00	1.25	257.00	202.10	78.64%	14	1	15
R16/383	BEDROOM	W18/383	29.39	2.37	112.60	104.70	92.98%	20	1	21
R17/383	BEDROOM	W19/383	29.81	1.85	144.70	139.30	96.27%	20	1	21
R18/383	BEDROOM	W20/383	17.43	4.75	107.30	106.30	99.07%	11	0	11
R19/383	LKD	W21/383	20.40	4.61	347.20	346.00	99.65%	14	1	15
		W22/383	35.71					4	0	4
R20/383	LKD	W23/383	33.58	4.09	275.30	273.90	99.49%	6	0	6
		W24/383	16.54					14	7	21
R21/383	BEDROOM	W25/383	33.58	2.40	122.80	114.50	93.24%	32	13	45
R22/383	LKD	W26/383	11.63	2.27	277.20	272.80	98.41%	10	5	15
R23/383	BEDROOM	W27/383	29.52	2.18	121.40	110.80	91.27%	28	9	37
R24/383	BEDROOM	W28/383	24.99	1.92	115.50	103.10	89.26%	27	16	43
R25/383	BEDROOM	W29/383	34.83	5.63	128.40	125.10	97.43%	37	19	56
R26/383	BEDROOM	W30/383	36.63	5.92	127.90	125.00	97.73%	38	17	55
R27/383	BEDROOM	W31/383	31.83	2.49	104.00	93.40	89.81%	29	11	40
R28/383	LKD	W32/383	15.67	2.76	266.30	263.70	99.02%	12	6	18
R29/383	BEDROOM	W33/383	4.95	2.93	118.60	104.90	88.45%	6	0	6
		W34/383	27.92					26	7	33
4th Floor										
R1/384	BEDROOM	W1/384	36.28	5.44	138.60	136.60	98.56%	42	23	65
R2/384	LKD	W2/384	33.46	4.14	290.50	275.10	94.70%	40	22	62
		W3/384	36.55					43	20	63
R3/384	BEDROOM	W5/384	15.20	2.82	117.20	53.20	45.39%	30	9	39
R4/384	LKD	W6/384	30.53	4.87	235.70	233.30	98.98%	22	6	28
R5/384	LKD	W7/384	29.18	4.12	281.90	253.80	90.03%	13	0	13
R6/384	BEDROOM	W8/384	30.54	5.37	104.00	102.30	98.37%	20	4	24
R7/384	BEDROOM	W9/384	19.80	3.70	104.20	103.00	98.85%	15	5	20
R8/384	LKD	W10/384	16.27	2.62	278.50	253.00	90.84%	12	4	16
R9/384	BEDROOM	W11/384	29.07	1.81	146.30	140.60	96.10%	18	1	19

					Daylight Distribution			%Sun		
Room/Floor	Room Use	Window	%VSC	%ADF	Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R10/384	BEDROOM	W12/384	16.67	4.60	107.50	106.40	98.98%	9	0	9
R11/384	LKD	W13/384	18.78	2.65	345.90	337.90	97.69%	12	2	14
R12/384	LKD	W14/384	16.93	2.81	334.20	333.30	99.73%	14	3	17
R13/384	LKD	W15/384	17.75	2.91	332.60	332.50	99.97%	12	0	12
R14/384	STUDIO	W16/384	19.42	2.73	329.90	258.50	78.36%	14	2	16
R15/384	LKD	W17/384	17.94	1.30	257.00	230.10	89.53%	14	2	16
R16/384	BEDROOM	W18/384	30.26	2.42	112.60	104.70	92.98%	20	1	21
R17/384	BEDROOM	W19/384	30.65	1.89	144.70	139.40	96.34%	20	2	22
R18/384	BEDROOM	W20/384	18.05	4.86	107.30	106.30	99.07%	12	0	12
R19/384	LKD	W21/384	21.18	4.67	347.20	346.00	99.65%	15	3	18
		W22/384	35.91					4	0	4
R20/384	LKD	W23/384	33.58	4.09	275.30	273.90	99.49%	6	0	6
		W24/384	16.54					14	7	21
R21/384	BEDROOM	W25/384	33.58	2.40	122.80	114.50	93.24%	32	13	45
R22/384	LKD	W26/384	11.63	2.27	277.20	272.80	98.41%	10	5	15
R23/384	BEDROOM	W27/384	29.56	2.19	121.40	110.80	91.27%	28	9	37
R24/384	BEDROOM	W28/384	25.27	1.94	115.50	103.10	89.26%	27	16	43
R25/384	BEDROOM	W29/384	35.35	5.70	128.40	126.10	98.21%	37	19	56
R26/384	BEDROOM	W30/384	37.11	6.00	127.90	126.10	98.59%	38	18	56
R27/384	BEDROOM	W31/384	32.83	2.55	104.00	94.80	91.15%	34	11	45
R28/384	LKD	W32/384	15.67	2.76	266.30	263.70	99.02%	12	6	18
R29/384	BEDROOM	W33/384	4.95	2.93	118.60	104.90	88.45%	6	0	6
		W34/384	27.92					26	7	33
5th Floor										
R1/385	BEDROOM	W1/385	36.48	5.46	138.60	136.60	98.56%	42	23	65
R2/385	LKD	W2/385	33.53	6.61	290.50	285.20	98.18%	40	22	62
		W3/385	37.04					43	23	66
		W4/385	32.42					48	22	70
R3/385	BEDROOM	W5/385	34.04	5.88	104.20	103.10	98.94%	25	5	30
R4/385	LKD	W6/385	29.84	4.24	278.50	278.40	99.96%	25	6	31
R5/385	BEDROOM	W7/385	30.27	1.86	146.30	140.50	96.04%	20	2	22
R6/385	BEDROOM	W8/385	19.47	5.20	107.50	106.40	98.98%	11	0	11
R7/385	LKD	W9/385	22.12	3.02	345.90	344.00	99.45%	15	4	19
R8/385	LKD	W10/385	19.94	3.20	334.20	334.10	99.97%	15	5	20
R9/385	LKD	W11/385	20.54	3.27	332.60	332.50	99.97%	13	0	13
R10/385	STUDIO	W12/385	22.63	2.97	329.90	259.90	78.78%	15	4	19
R11/385	LKD	W13/385	19.56	2.44	257.00	255.70	99.49%	15	5	20
R12/385	BEDROOM	W14/385	31.07	2.47	112.60	104.70	92.98%	21	1	22
R13/385	BEDROOM	W15/385	31.42	1.93	144.70	139.40	96.34%	21	2	23
R14/385	BEDROOM	W16/385	32.21	4.47	107.30	103.70	96.64%	17	0	17
R15/385	LKD	W17/385	35.91	5.92	347.20	346.50	99.80%	26	5	31
		W18/385	36.55					6	0	6
R16/385	LKD	W19/385	33.58	4.34	275.30	273.90	99.49%	6	0	6
		W20/385	18.53					17	7	24
R17/385	BEDROOM	W21/385	33.58	2.40	122.80	114.50	93.24%	32	13	45
R18/385	LKD	W22/385	27.60	4.14	277.20	274.70	99.10%	29	7	36
R19/385	BEDROOM	W23/385	30.20	2.22	121.40	110.80	91.27%	29	9	38
R20/385	BEDROOM	W24/385	27.38	2.05	115.50	105.40	91.26%	27	16	43
R21/385	BEDROOM	W25/385	36.53	5.88	128.40	126.70	98.68%	37	19	56
R22/385	BEDROOM	W26/385	37.62	6.08	127.90	126.20	98.67%	38	19	57
R23/385	BEDROOM	W27/385	34.20	2.65	104.00	94.90	91.25%	32	15	47
R24/385	LKD	W28/385	29.25	4.36	266.30	264.40	99.29%	28	7	35
R25/385	BEDROOM	W29/385	16.45	3.68	118.60	117.20	98.82%	6	0	6
		W30/385	28.42					27	7	34
Gnd Floor										
R1/390	BEDROOM	W1/390	32.45	1.66	121.40	110.80	91.27%	24	9	33
R2/390	LKD	W2/390	14.43	2.18	277.50	273.10	98.41%	10	7	17
R3/390	BEDROOM	W3/390	37.51	1.68	123.10	114.40	92.93%	25	9	34
R4/390	LKD	W4/390	19.25	3.31	274.40	273.00	99.49%	14	12	26
		W5/390	29.84					19	10	29
R5/390	LKD	W6/390	29.21	3.32	347.60	335.80	96.61%	38	13	51
		W7/390	19.76					15	2	17
R6/390	BEDROOM	W8/390	15.93	3.55	107.40	103.70	96.55%	12	3	15
R7/390	BEDROOM	W9/390	28.20	1.04	145.00	83.10	57.31%	11	0	11
R8/390	BEDROOM	W10/390	27.31	1.28	112.60	58.50	51.95%	11	0	11
R9/390	LKD	W11/390	13.17	1.32	256.30	114.90	44.83%	6	0	6

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R10/390	STUDIO	W12/390	15.03	1.69	329.90	160.00	48.50%	9	3	12
R11/390	LKD	W13/390	12.53	1.70	332.60	149.60	44.98%	9	3	12
R12/390	LKD	W14/390	12.13	1.58	332.60	120.70	36.29%	4	0	4
R13/390	LKD	W15/390	13.85	1.61	348.00	125.00	35.92%	4	3	7
R14/390	BEDROOM	W16/390	11.26	2.44	107.30	95.50	89.00%	4	3	7
R15/390	BEDROOM	W17/390	24.96	0.87	146.30	65.90	45.04%	3	0	3
R16/390	LKD	W18/390	12.38	1.60	277.40	113.10	40.77%	0	0	0
R17/390	BEDROOM	W19/390	14.41	2.13	104.10	88.80	85.30%	4	1	5
R18/390	BEDROOM	W20/390	14.57	2.17	104.20	83.60	80.23%	3	1	4
R19/390	LKD	W21/390	12.42	1.57	278.20	126.10	45.33%	3	3	6
R20/390	LKD	W22/390	14.80	2.13	235.70	211.50	89.73%	3	0	3
R21/390	BEDROOM	W23/390	9.70	0.49	116.30	16.10	13.84%	0	0	0
R22/390	LKD	W24/390	8.88					3	0	3
		W25/390	34.03	3.87	289.70	267.50	92.34%	22	7	29
		W26/390	35.49					19	4	23
R23/390	BEDROOM	W27/390	34.83	4.16	138.60	135.90	98.05%	24	7	31
R24/390	BEDROOM	W28/390	31.25	2.24	118.60	104.60	88.20%	24	9	33
		W29/390	6.69					0	7	7
R25/390	LKD	W30/390	18.85	2.65	266.30	263.70	99.02%	11	12	23
R26/390	BEDROOM	W31/390	33.68	1.81	103.70	92.20	88.91%	25	9	34
R27/390	BEDROOM	W32/390	35.60	4.65	128.40	125.60	97.82%	30	13	43
R28/390	BEDROOM	W33/390	34.14	4.48	128.50	125.20	97.43%	29	12	41
R29/390	BEDROOM	W34/390	26.71	1.43	115.50	102.20	88.48%	20	4	24
1st Floor										
R1/391	BEDROOM	W1/391	33.22	1.79	121.40	110.80	91.27%	24	9	33
R2/391	LKD	W2/391	13.23	2.12	277.50	273.10	98.41%	6	7	13
R3/391	BEDROOM	W3/391	38.53	1.81	123.10	114.40	92.93%	25	9	34
R4/391	LKD	W4/391	18.04	3.39	274.40	273.00	99.49%	12	12	24
		W5/391	33.93					19	16	35
R5/391	LKD	W6/391	32.60	3.53	347.60	336.20	96.72%	38	19	57
		W7/391	18.99					14	2	16
R6/391	BEDROOM	W8/391	15.56	3.55	107.40	104.60	97.39%	11	3	14
R7/391	BEDROOM	W9/391	30.34	1.18	145.00	95.30	65.72%	12	0	12
R8/391	BEDROOM	W10/391	29.52	1.47	112.60	69.60	61.81%	11	0	11
R9/391	LKD	W11/391	13.02	1.30	256.30	133.60	52.13%	7	0	7
R10/391	STUDIO	W12/391	14.72	1.67	329.90	174.90	53.02%	9	3	12
R11/391	LKD	W13/391	12.44	1.67	332.60	167.50	50.36%	8	3	11
R12/391	LKD	W14/391	11.92	1.52	332.60	148.50	44.65%	6	0	6
R13/391	LKD	W15/391	13.40	1.54	348.00	150.80	43.33%	4	3	7
R14/391	BEDROOM	W16/391	11.08	2.37	107.30	101.90	94.97%	3	3	6
R15/391	BEDROOM	W17/391	27.07	1.01	146.30	79.90	54.61%	5	0	5
R16/391	LKD	W18/391	11.94	1.51	277.40	129.40	46.65%	1	0	1
R17/391	BEDROOM	W19/391	13.82	2.04	104.10	96.70	92.89%	3	1	4
R18/391	BEDROOM	W20/391	13.95	2.08	104.20	86.30	82.82%	2	1	3
R19/391	LKD	W21/391	12.05	1.50	278.20	150.30	54.03%	3	3	6
R20/391	LKD	W22/391	14.06	2.03	235.70	213.10	90.41%	3	0	3
R21/391	BEDROOM	W23/391	10.96	0.54	116.30	16.10	13.84%	1	0	1
R22/391	LKD	W24/391	8.70					4	0	4
		W25/391	35.88	4.11	289.70	268.90	92.82%	25	7	32
		W26/391	36.96					20	4	24
R23/391	BEDROOM	W27/391	36.53	4.55	138.60	136.50	98.48%	25	7	32
R24/391	BEDROOM	W28/391	31.92	2.32	118.60	110.20	92.92%	24	9	33
		W29/391	5.60					0	6	6
R25/391	LKD	W30/391	17.36	2.57	266.30	263.70	99.02%	7	11	18
R26/391	BEDROOM	W31/391	34.34	2.04	103.70	93.20	89.87%	25	11	36
R27/391	BEDROOM	W32/391	36.80	5.10	128.40	125.50	97.74%	32	13	45
R28/391	BEDROOM	W33/391	35.28	4.87	128.50	125.20	97.43%	31	11	42
R29/391	BEDROOM	W34/391	27.29	1.59	115.50	103.10	89.26%	20	4	24
2nd Floor										
R1/392	BEDROOM	W1/392	33.52	1.79	121.40	110.80	91.27%	24	9	33
R2/392	LKD	W2/392	13.30	2.12	277.50	273.10	98.41%	6	7	13
R3/392	BEDROOM	W3/392	38.97	1.81	123.10	114.40	92.93%	25	9	34
R4/392	LKD	W4/392	18.40	3.50	274.40	273.00	99.49%	12	12	24
		W5/392	37.45					19	21	40
R5/392	LKD	W6/392	35.66	3.79	347.60	343.90	98.94%	38	22	60
		W7/392	20.63					15	3	18

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R6/392	BEDROOM	W8/392	17.14	3.82	107.40	106.30	98.98%	12	3	15
R7/392	BEDROOM	W9/392	32.20	1.25	145.00	104.50	72.07%	12	0	12
R8/392	BEDROOM	W10/392	31.45	1.57	112.60	78.10	69.36%	12	0	12
R9/392	LKD	W11/392	14.76	1.48	256.30	156.50	61.06%	8	0	8
R10/392	STUDIO	W12/392	16.64	1.87	329.90	195.50	59.26%	10	3	13
R11/392	LKD	W13/392	14.39	1.93	332.60	219.40	65.97%	8	4	12
R12/392	LKD	W14/392	13.87	1.81	332.60	186.70	56.13%	7	0	7
R13/392	LKD	W15/392	15.39	1.78	348.00	189.40	54.43%	6	3	9
R14/392	BEDROOM	W16/392	12.97	2.85	107.30	103.70	96.64%	5	3	8
R15/392	BEDROOM	W17/392	29.07	1.09	146.30	97.40	66.58%	5	0	5
R16/392	LKD	W18/392	13.64	1.73	277.40	154.40	55.66%	2	0	2
R17/392	BEDROOM	W19/392	15.65	2.35	104.10	101.50	97.50%	4	1	5
R18/392	BEDROOM	W20/392	15.76	2.39	104.20	95.50	91.65%	5	1	6
R19/392	LKD	W21/392	13.77	1.74	278.20	182.40	65.56%	5	3	8
R20/392	LKD	W22/392	15.70	2.26	235.70	222.00	94.19%	4	0	4
R21/392	BEDROOM	W23/392	12.86	0.55	116.30	16.70	14.36%	1	0	1
R22/392	LKD	W24/392	9.23	4.20	289.70	269.70	93.10%	4	0	4
		W25/392	36.97					25	7	32
		W26/392	37.85					20	4	24
R23/392	BEDROOM	W27/392	37.35	4.62	138.60	136.50	98.48%	25	7	32
R24/392	BEDROOM	W28/392	32.09	2.34	118.60	110.20	92.92%	24	9	33
		W29/392	5.82					0	6	6
R25/392	LKD	W30/392	17.54	2.58	266.30	263.70	99.02%	7	11	18
R26/392	BEDROOM	W31/392	34.69	2.05	103.70	93.20	89.87%	25	11	36
R27/392	BEDROOM	W32/392	37.25	5.13	128.40	125.50	97.74%	32	13	45
R28/392	BEDROOM	W33/392	35.66	4.89	128.50	125.20	97.43%	31	11	42
R29/392	BEDROOM	W34/392	27.52	1.59	115.50	103.10	89.26%	20	4	24
3rd Floor										
R1/393	BEDROOM	W1/393	33.82	1.79	121.40	110.80	91.27%	24	9	33
R2/393	LKD	W2/393	12.51	1.97	277.50	273.10	98.41%	6	5	11
R3/393	BEDROOM	W3/393	39.30	1.82	123.10	114.40	92.93%	25	9	34
R4/393	LKD	W4/393	14.78	3.15	274.40	273.00	99.49%	6	9	15
		W5/393	39.46					19	21	40
R5/393	LKD	W6/393	38.31	4.88	347.60	344.60	99.14%	39	22	61
		W7/393	34.68					21	3	24
R6/393	BEDROOM	W8/393	29.43	6.02	107.40	106.80	99.44%	21	3	24
R7/393	BEDROOM	W9/393	33.91	1.32	145.00	114.60	79.03%	15	0	15
R8/393	BEDROOM	W10/393	33.30	1.67	112.60	91.10	80.91%	13	0	13
R9/393	LKD	W11/393	16.47	1.66	256.30	170.60	66.56%	8	0	8
R10/393	STUDIO	W12/393	18.51	2.08	329.90	205.30	62.23%	10	3	13
R11/393	LKD	W13/393	16.33	2.19	332.60	247.20	74.32%	9	4	13
R12/393	LKD	W14/393	15.82	2.09	332.60	207.30	62.33%	9	0	9
R13/393	LKD	W15/393	17.38	2.02	348.00	219.30	63.02%	7	3	10
R14/393	BEDROOM	W16/393	14.90	3.30	107.30	106.30	99.07%	5	3	8
R15/393	BEDROOM	W17/393	31.11	1.17	146.30	120.30	82.23%	6	0	6
R16/393	LKD	W18/393	15.39	1.96	277.40	189.30	68.24%	6	0	6
R17/393	BEDROOM	W19/393	17.50	2.66	104.10	102.90	98.85%	6	1	7
R18/393	BEDROOM	W20/393	17.57	2.68	104.20	101.90	97.79%	6	1	7
R19/393	LKD	W21/393	15.51	1.98	278.20	226.00	81.24%	6	3	9
R20/393	LKD	W22/393	17.37	2.48	235.70	230.10	97.62%	7	0	7
R21/393	BEDROOM	W23/393	16.66	0.69	116.30	26.20	22.53%	1	0	1
R22/393	LKD	W24/393	9.71	4.28	289.70	270.90	93.51%	4	0	4
		W25/393	37.86					25	7	32
		W26/393	38.49					20	4	24
R23/393	BEDROOM	W27/393	37.93	4.66	138.60	136.70	98.63%	25	7	32
R24/393	BEDROOM	W28/393	32.24	2.36	118.60	110.20	92.92%	24	9	33
		W29/393	6.01					0	6	6
R25/393	LKD	W30/393	17.62	2.58	266.30	263.70	99.02%	7	11	18
R26/393	BEDROOM	W31/393	35.03	2.05	103.70	93.20	89.87%	25	11	36
R27/393	BEDROOM	W32/393	37.73	5.15	128.40	125.50	97.74%	32	13	45
R28/393	BEDROOM	W33/393	36.06	4.90	128.50	125.20	97.43%	31	11	42
R29/393	BEDROOM	W34/393	27.73	1.59	115.50	103.10	89.26%	20	4	24

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
4th Floor										
R1/394	BEDROOM	W1/394	34.27	1.79	121.40	110.80	91.27%	24	9	33
R2/394	LKD	W2/394	16.63	2.46	277.50	274.60	98.95%	6	17	23
R3/394	BEDROOM	W3/394	35.01	1.47	112.60	99.00	87.92%	12	0	12
R4/394	LKD	W4/394	18.14	1.83	256.30	191.60	74.76%	9	0	9
R5/394	STUDIO	W5/394	20.32	2.26	329.90	214.70	65.08%	10	3	13
R6/394	LKD	W6/394	18.20	2.42	332.60	259.80	78.11%	9	4	13
R7/394	LKD	W7/394	17.74	2.33	332.60	234.50	70.51%	9	0	9
R8/394	LKD	W8/394	19.33	2.23	348.00	257.60	74.02%	9	3	12
R9/394	BEDROOM	W9/394	16.79	3.70	107.30	106.20	98.97%	9	3	12
R10/394	BEDROOM	W10/394	33.11	1.26	146.30	138.40	94.60%	10	0	10
R11/394	LKD	W11/394	17.15	2.17	277.40	246.80	88.97%	7	0	7
R12/394	BEDROOM	W12/394	19.34	2.93	104.10	102.90	98.85%	8	1	9
R13/394	BEDROOM	W13/394	19.38	2.95	104.20	102.70	98.56%	7	1	8
R14/394	LKD	W14/394	17.24	2.19	278.20	278.00	99.93%	10	3	13
R15/394	LKD	W15/394	19.04	2.70	235.70	231.90	98.39%	10	0	10
R16/394	BEDROOM	W16/394	25.46	1.23	116.30	70.30	60.45%	1	0	1
R17/394	LKD	W17/394	10.50					4	0	4
		W18/394	38.46	4.32	289.70	273.20	94.30%	25	7	32
		W19/394	38.88					20	4	24
R18/394	BEDROOM	W20/394	38.20	4.66	138.60	136.70	98.63%	25	7	32
R19/394	BEDROOM	W21/394	32.53	2.36	118.60	104.50	88.11%	24	9	33
		W22/394	6.03					0	6	6
R20/394	LKD	W23/394	17.63	2.59	266.30	263.70	99.02%	7	11	18
R21/394	BEDROOM	W24/394	35.61	2.05	103.70	93.20	89.87%	25	11	36
R22/394	BEDROOM	W25/394	38.29	5.16	128.40	126.50	98.52%	32	13	45
R23/394	BEDROOM	W26/394	36.68	4.92	128.50	126.10	98.13%	32	12	44
R24/394	BEDROOM	W27/394	28.20	1.59	115.50	102.90	89.09%	20	4	24
5th Floor										
R1/395	BEDROOM	W1/395	35.60	1.79	121.40	110.80	91.27%	24	9	33
R2/395	LKD	W2/395	34.56	4.04	277.50	275.60	99.32%	30	18	48
R3/395	BEDROOM	W3/395	36.26	1.53	112.60	101.60	90.23%	13	0	13
R4/395	LKD	W4/395	21.23	2.15	256.30	228.60	89.19%	10	0	10
R5/395	STUDIO	W5/395	23.84	2.66	329.90	244.20	74.02%	12	3	15
R6/395	LKD	W6/395	21.54	2.86	332.60	299.60	90.08%	12	4	16
R7/395	LKD	W7/395	21.18	2.81	332.60	286.60	86.17%	10	0	10
R8/395	LKD	W8/395	23.09	2.67	348.00	311.80	89.60%	11	3	14
R9/395	BEDROOM	W9/395	20.23	4.47	107.30	106.20	98.97%	12	3	15
R10/395	BEDROOM	W10/395	34.87	1.33	146.30	140.60	96.10%	12	0	12
R11/395	LKD	W11/395	20.71	2.64	277.40	276.70	99.75%	9	0	9
R12/395	BEDROOM	W12/395	23.14	3.54	104.10	102.90	98.85%	12	1	13
R13/395	BEDROOM	W13/395	23.17	3.55	104.20	102.70	98.56%	13	1	14
R14/395	LKD	W14/395	20.68	2.64	278.20	278.10	99.96%	14	3	17
R15/395	LKD	W15/395	32.94	4.22	235.70	232.70	98.73%	16	0	16
R16/395	BEDROOM	W16/395	35.82	1.70	116.30	110.40	94.93%	1	0	1
R17/395	LKD	W17/395	25.59					4	0	4
		W18/395	39.08	5.05	289.70	276.70	95.51%	25	7	32
		W19/395	39.29					20	4	24
R18/395	BEDROOM	W20/395	38.58	4.66	138.60	136.70	98.63%	25	7	32
R19/395	BEDROOM	W21/395	33.68	2.92	118.60	104.90	88.45%	24	9	33
		W22/395	19.20					9	14	23

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R20/395	LKD	W23/395	31.70	3.97	266.30	264.30	99.25%	26	13	39
R21/395	BEDROOM	W24/395	37.05	2.08	103.70	93.40	90.07%	25	11	36
R22/395	BEDROOM	W25/395	39.01	5.16	128.40	126.70	98.68%	32	13	45
R23/395	BEDROOM	W26/395	37.99	5.02	128.50	126.80	98.68%	32	13	45
R24/395	BEDROOM	W27/395	30.75	1.66	115.50	105.20	91.08%	23	4	27

ADF	Target Value	No. Rooms	No. meeting Target	% meeting Target
BEDROOM	1	691	683	98.84%
DINING	1.5	0	0	0.00%
KITCHEN	2	0	0	0.00%
LD	1.5	0	0	0.00%
KD	2	0	0	0.00%
STUDY	1.5	0	0	0.00%
STUDIO	1.5	32	28	87.50%
LKD	2	439	299	68.11%
Livingroom	1.5	0	0	0.00%
TOTALS		1162	1010	86.92%

Appendix IV

Internal Daylight & Sunlight Results BRE Truncated Room Depths



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
PLAN VIEW
PROPOSED

Drawn By	Scale @ A3	Date
CC	-	16 Feb 2022

Project No.	Drawing No.	Revision
HA163_09	ROL_03	-

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Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
3D VIEW
PROPOSED

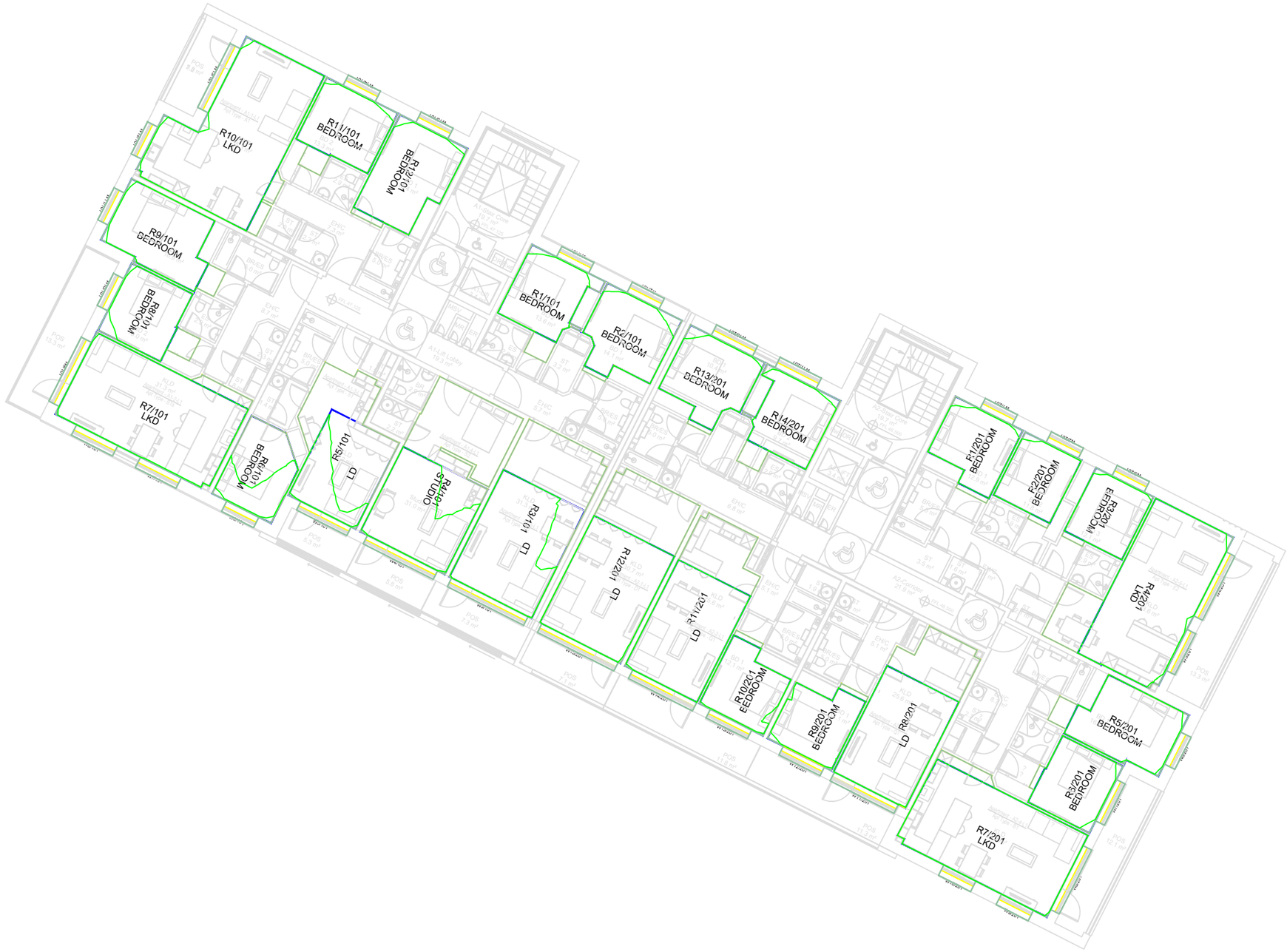
Drawn By	Scale @ A3	Date
CC	NTS	16 Feb 2022

Project No.	Drawing No.	Revision
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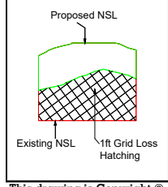
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N



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK A

Drawn By	Scale @ A3	Date
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Project No.	Drawing No.	Revision
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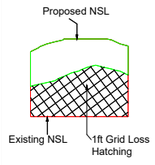
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2ND FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK A

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

Project No.	Drawing No.	Revision
HA163_09	BRE_06	-

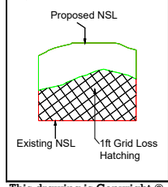
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3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK A

Drawn By	Scale @ A3	Date
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Project No.	**Drawing No.**	**Revision**
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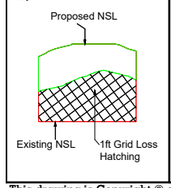
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4TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK A

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

Project No.	Drawing No.	Revision
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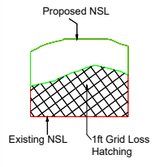
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5TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK A

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

Project No.	Drawing No.	Revision
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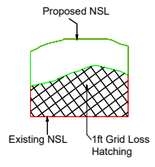
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N



6TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

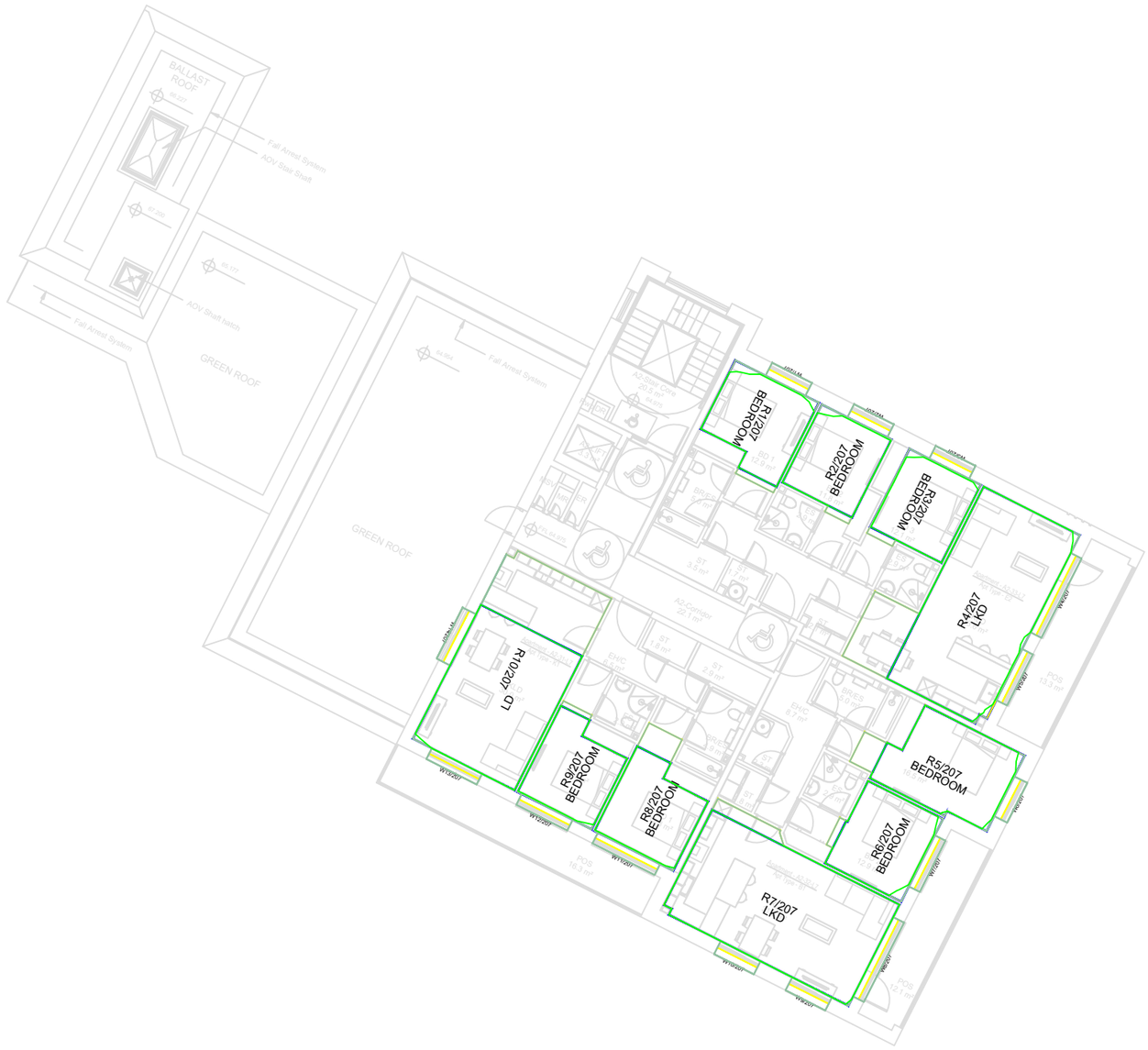
Project Name
Hartfield Place, Dublin

Drawing Title
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Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022
Project No.	**Drawing No.**	**Revision**
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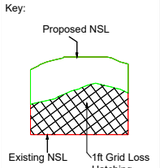
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7TH FLOOR

Key:



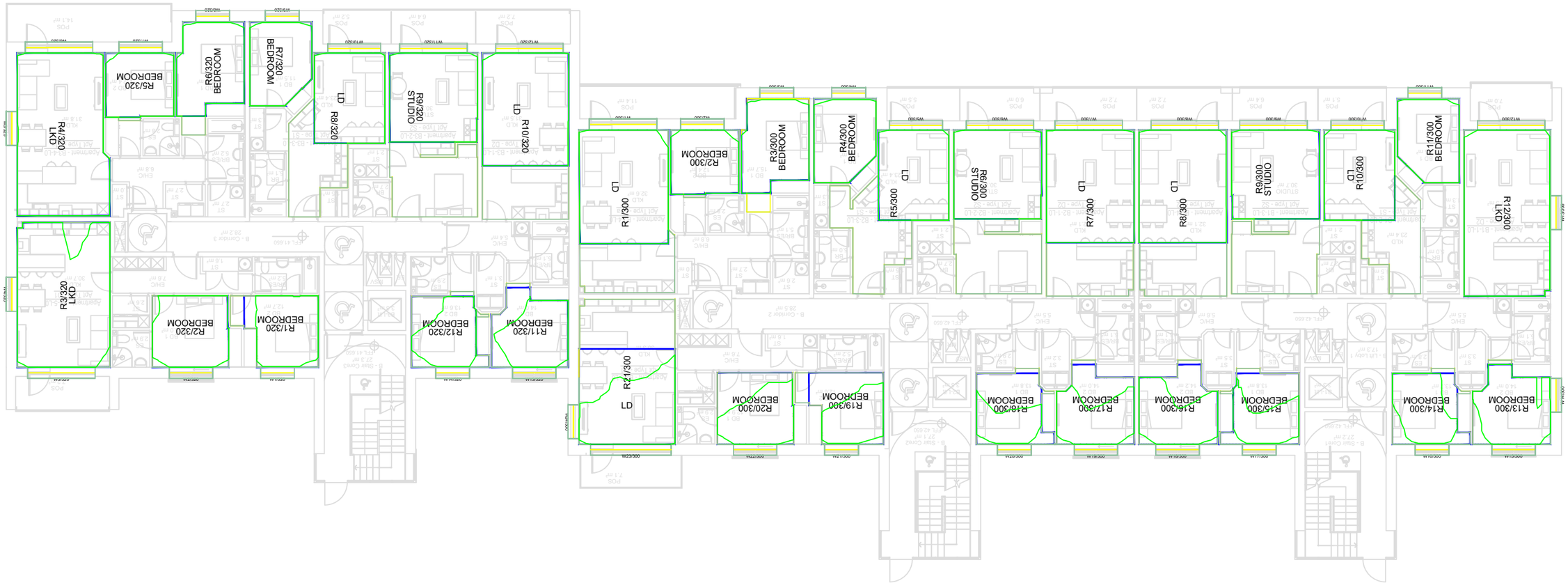
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	CC	1/200	16 Feb 2022
Drawing Title			
NO SKYLINE CONTOURS	Project No.	Drawing No.	Revision
BLOCK A	HA163_09	BRE_11	-

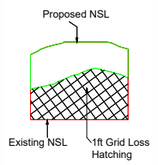
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GROUND FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

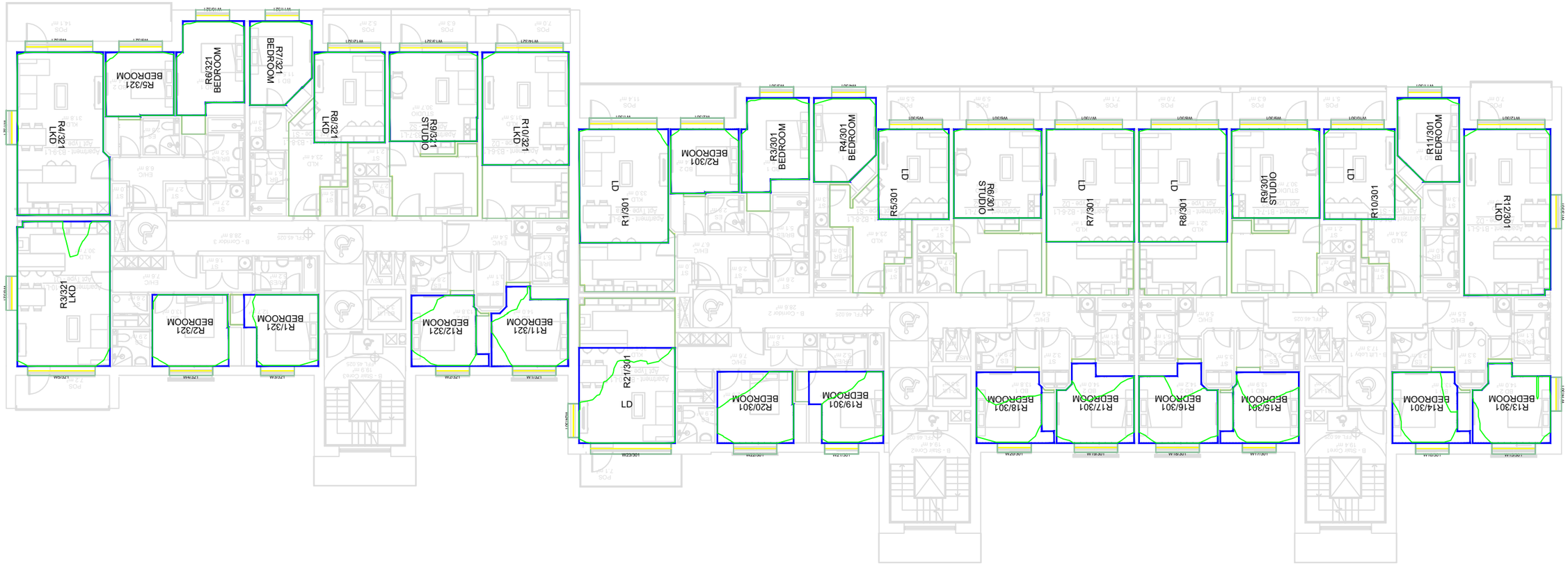
Drawing Title
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BLOCK B

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

Project No.	Drawing No.	Revision
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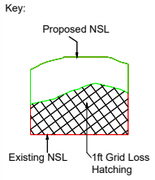
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1ST FLOOR

Key:



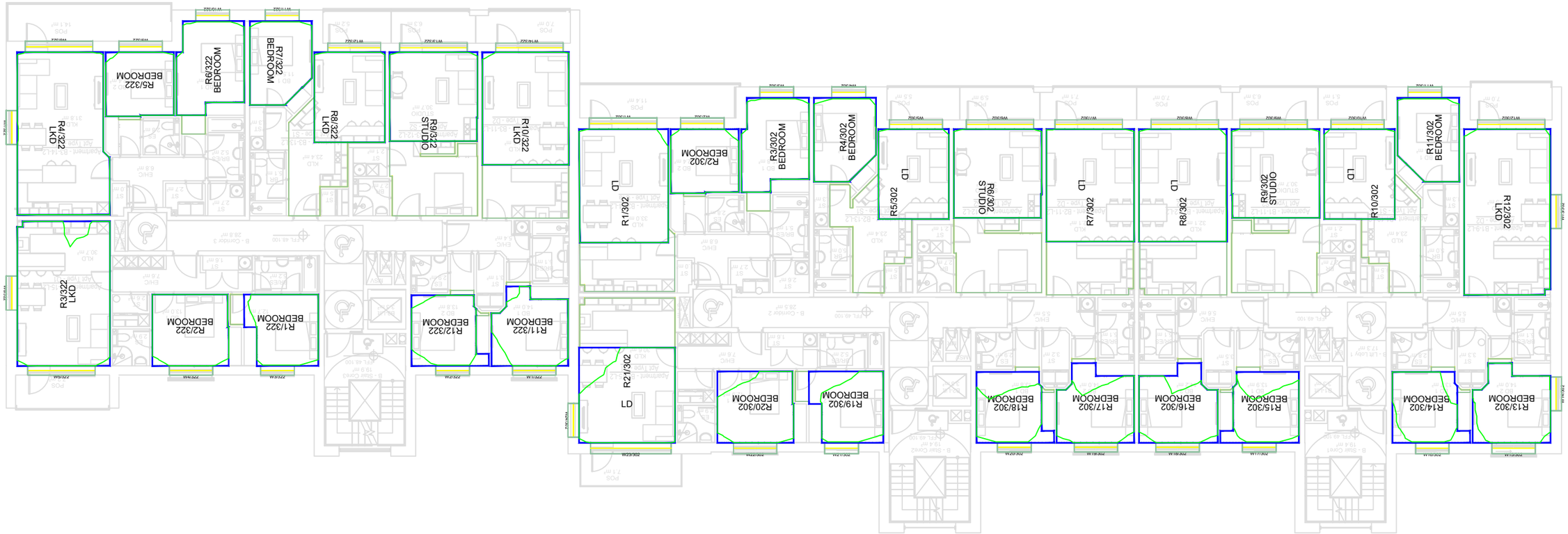
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	CC	1/200	16 Feb 2022
Drawing Title			
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BLOCK B	HA163_09	BRE_13	-

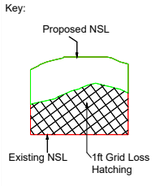
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2ND FLOOR

Key:



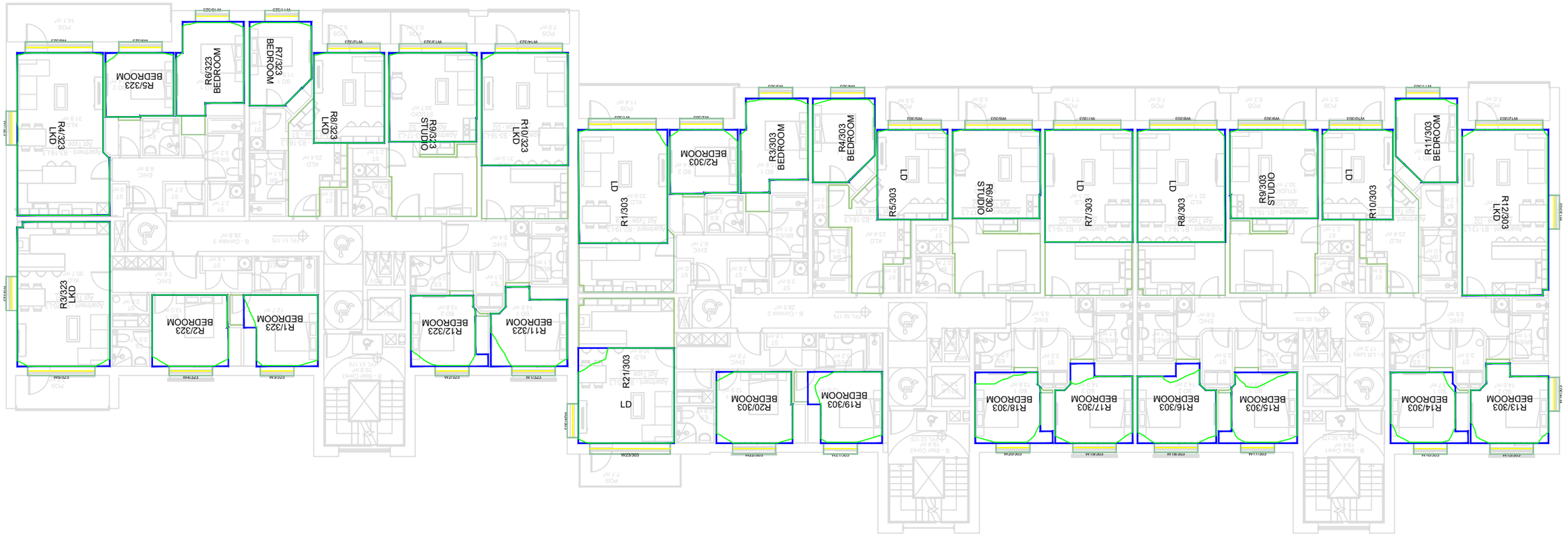
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	CC	1/200	16 Feb 2022
Drawing Title			
NO SKYLINE CONTOURS	Project No.	Drawing No.	Revision
BLOCK B	HA163_09	BRE_14	-

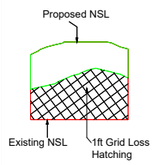
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3RD FLOOR

Key:



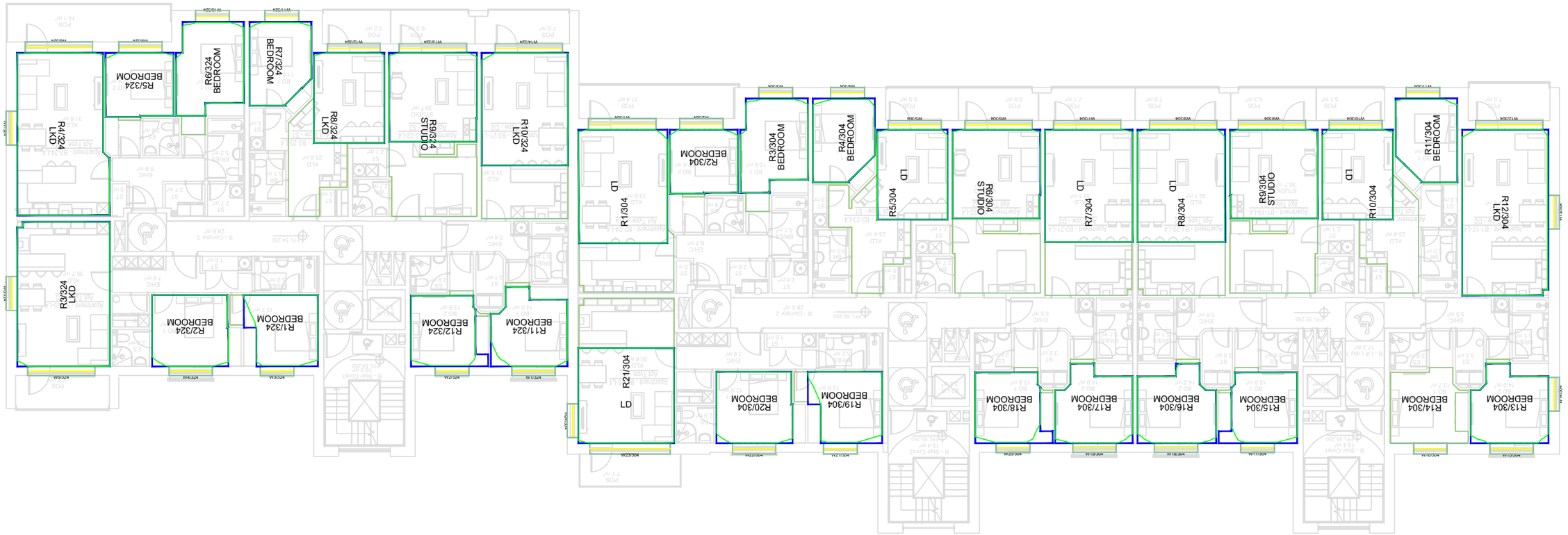
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	CC	1/200	16 Feb 2022
Drawing Title			
NO SKYLINE CONTOURS	Project No.	Drawing No.	Revision
BLOCK B	HA163_09	BRE_15	-

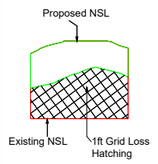
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4TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

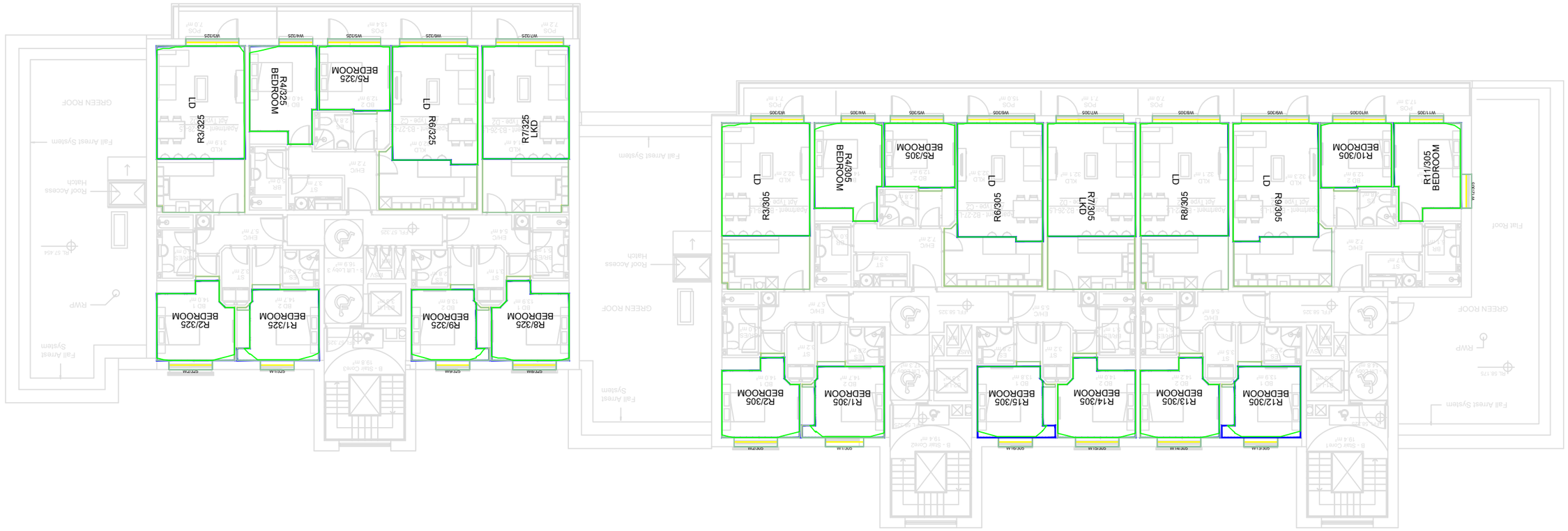
Drawing Title
NO SKYLINE CONTOURS
BLOCK B

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

Project No.	Drawing No.	Revision
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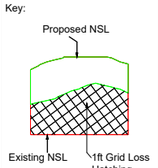
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5TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

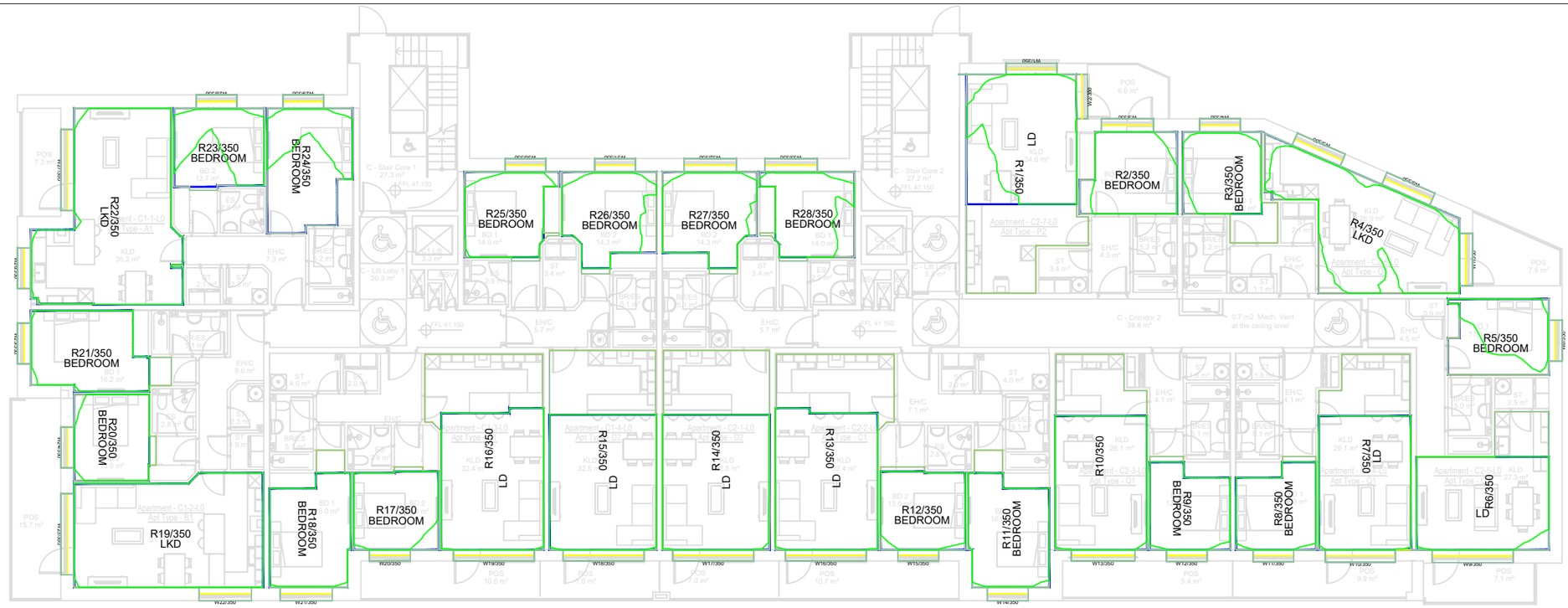
Drawing Title
NO SKYLINE CONTOURS
BLOCK B

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

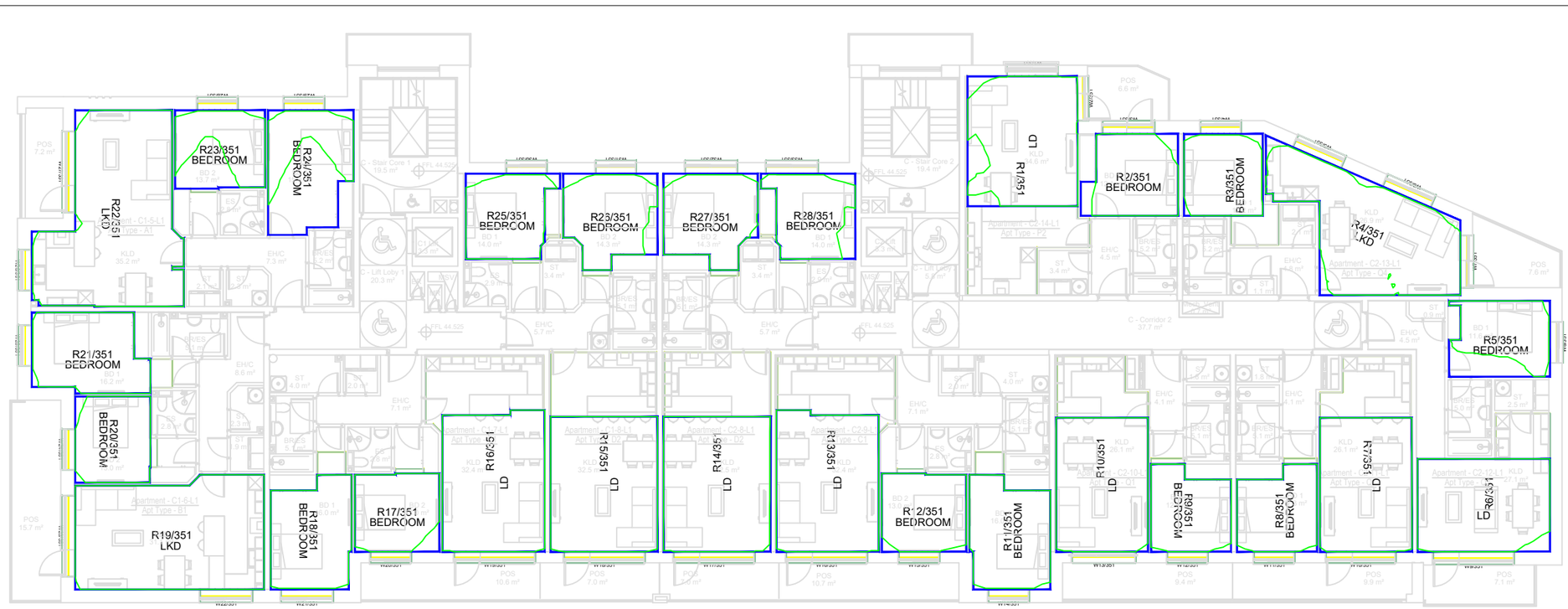
Project No.	Drawing No.	Revision
HA163_09	BRE_17	-

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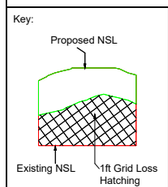


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

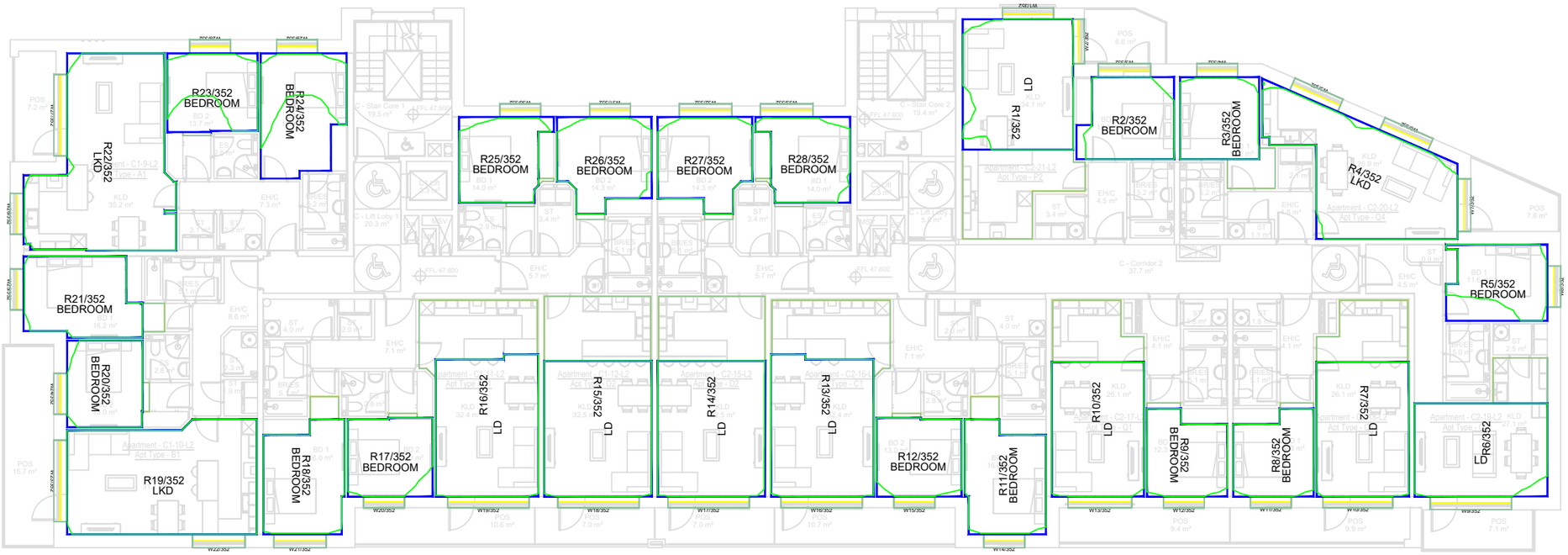
Drawing Title
NO SKYLINE CONTOURS
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

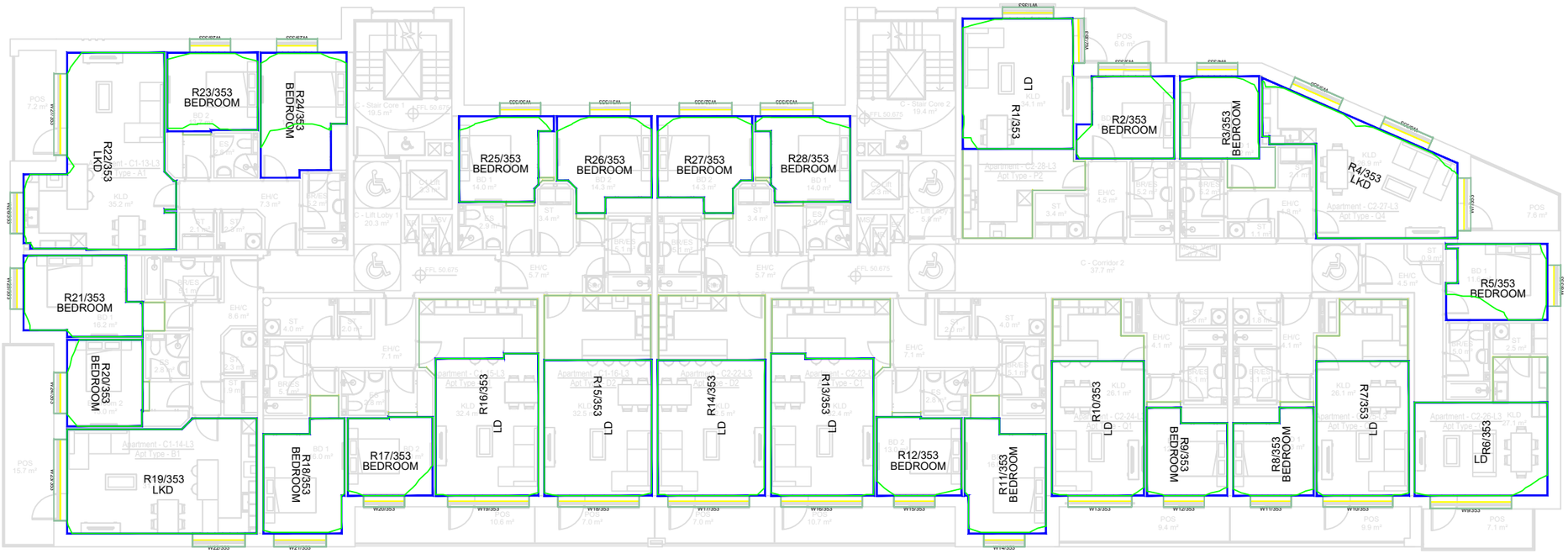
Project No.	Drawing No.	Revision
HA163_09	BRE_18	-

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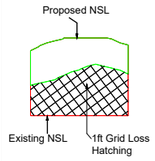


2ND FLOOR



3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

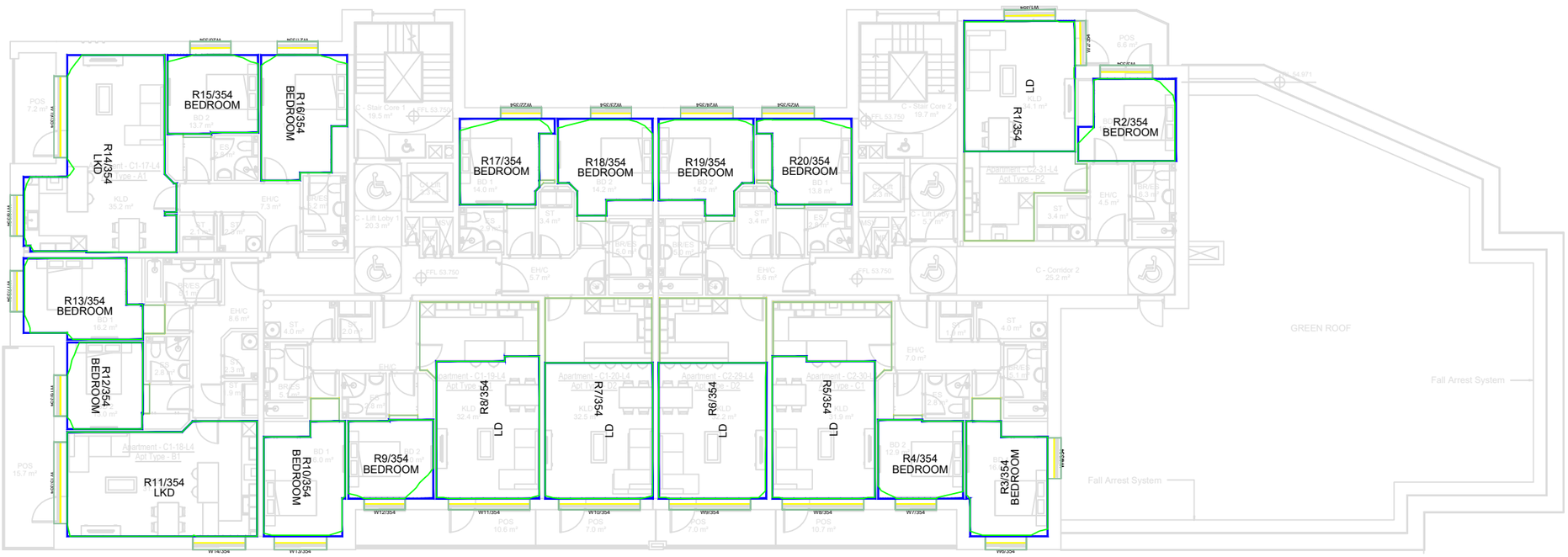
Drawing Title
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BLOCK C

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

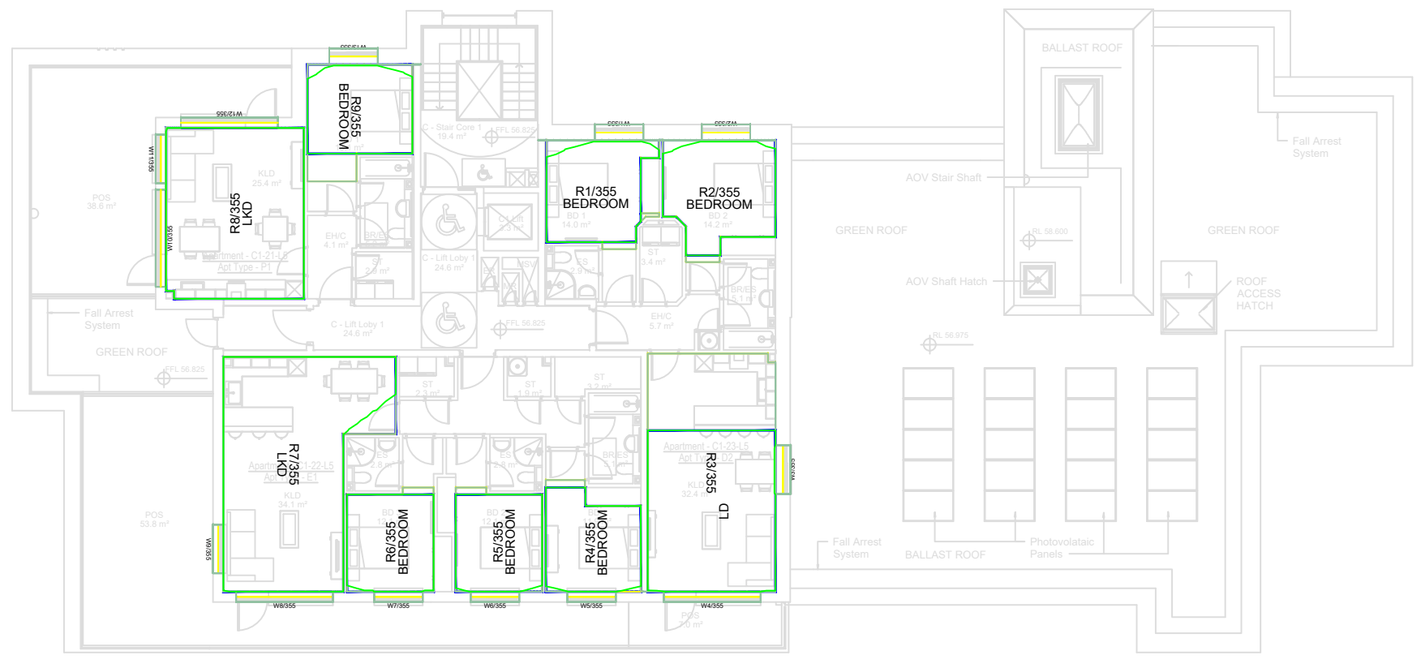
Project No.	Drawing No.	Revision
HA163_09	BRE_19	-

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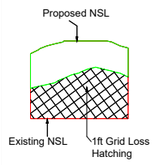


4TH FLOOR



5TH FLOOR

Key:



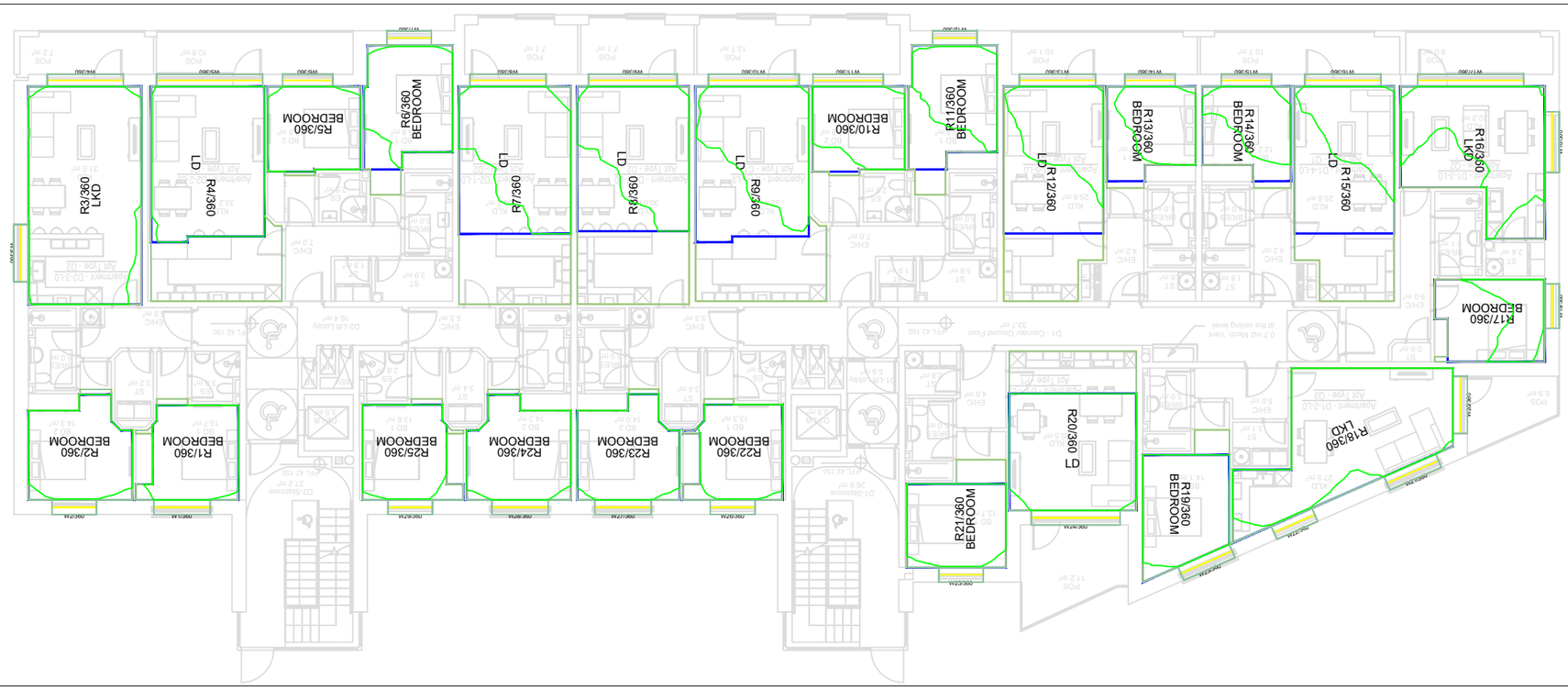
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

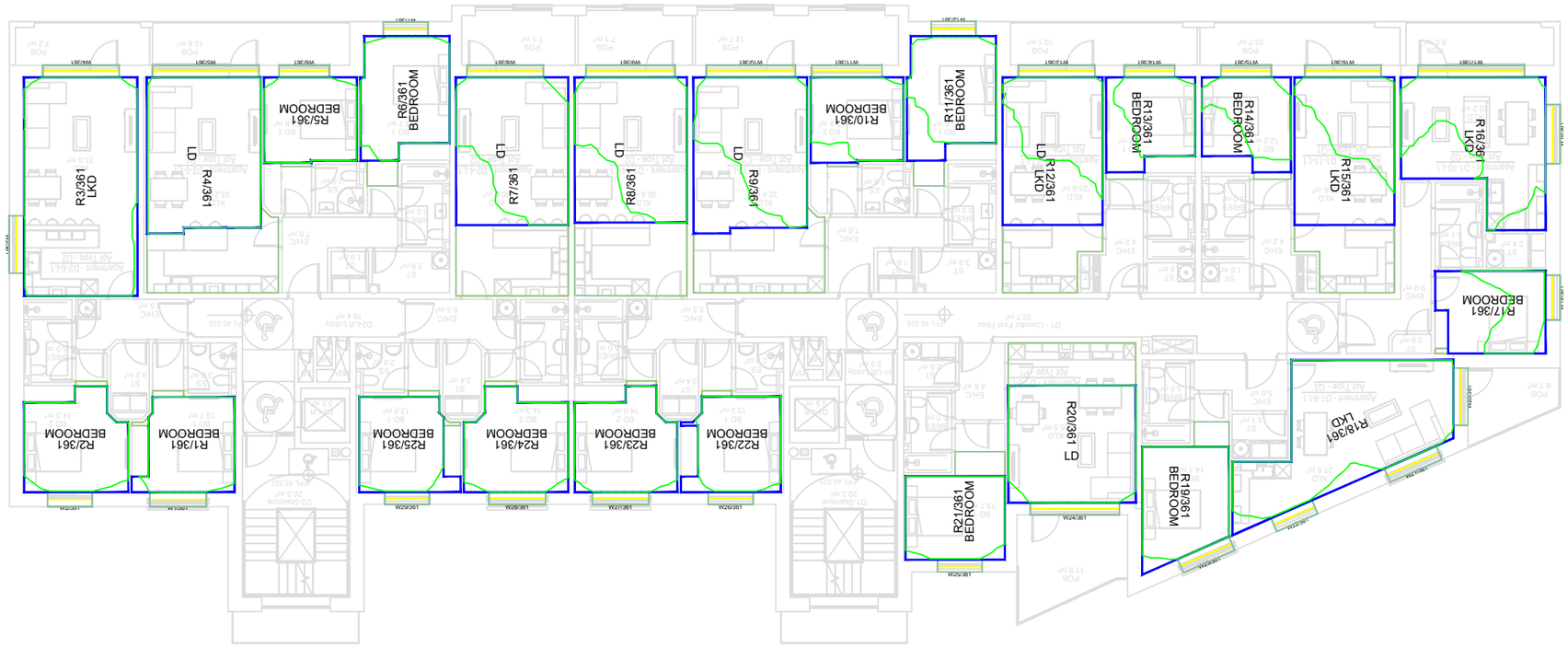
Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	CC	1/200	16 Feb 2022
Drawing Title			
NO SKYLINE CONTOURS	Project No.	Drawing No.	Revision
BLOCK C	HA163_09	BRE_20	-

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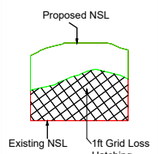


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

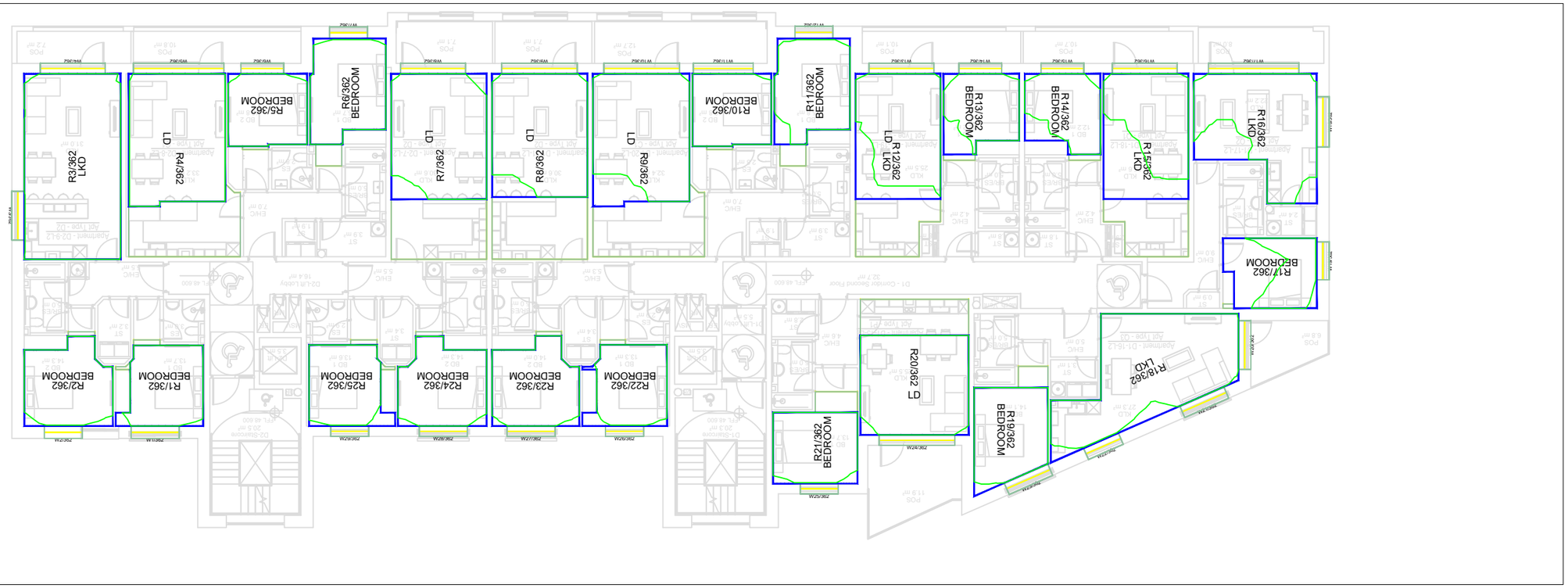
Drawing Title
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Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

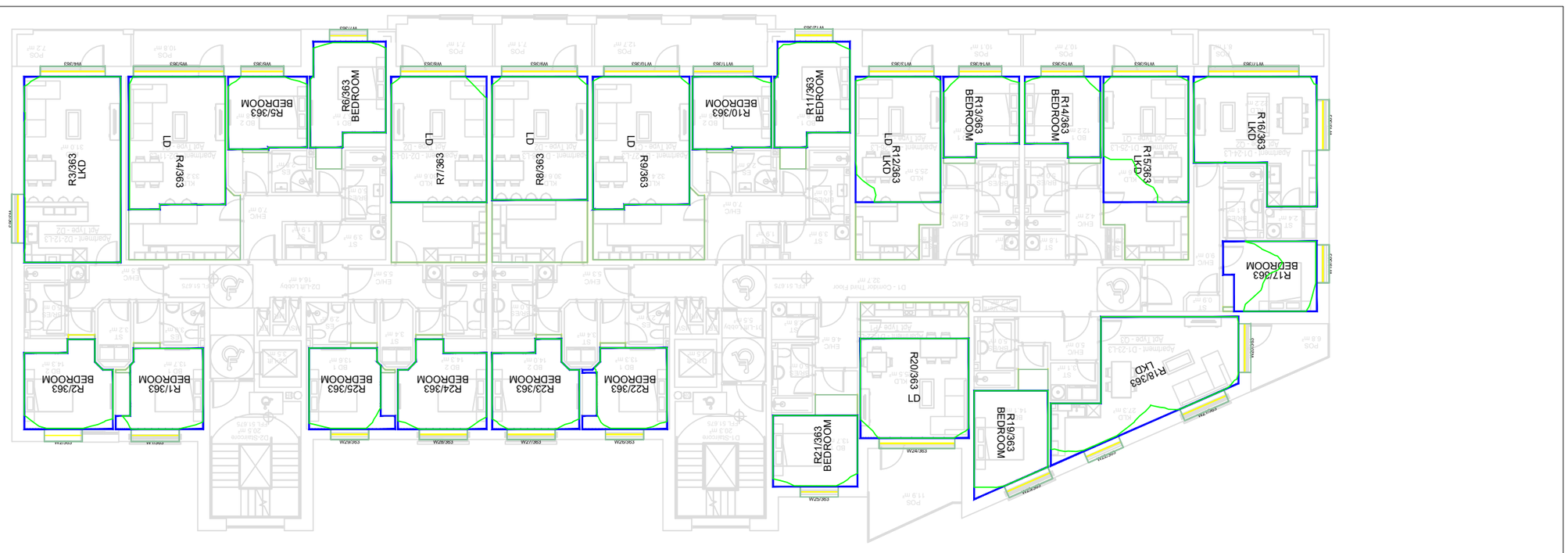
Project No.	Drawing No.	Revision
HA163_09	BRE_21	-

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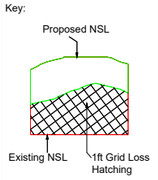


2ND FLOOR



3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

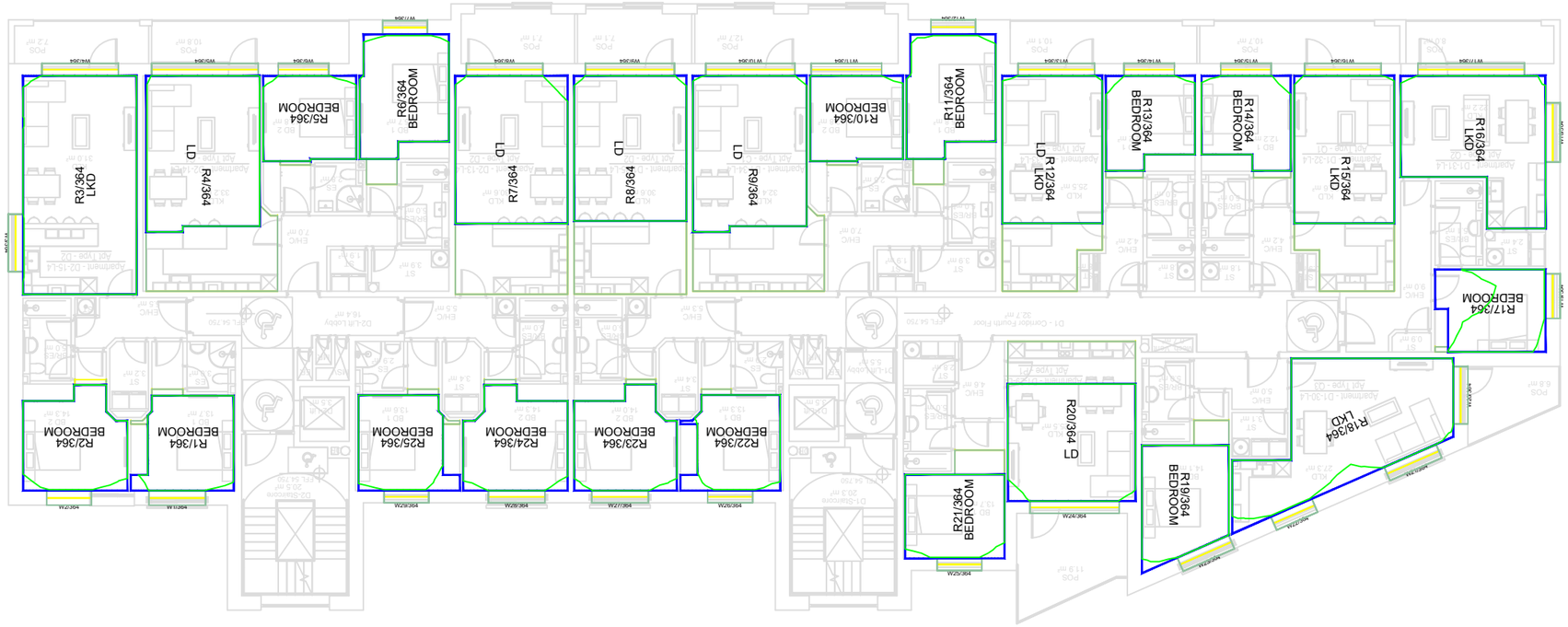
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Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

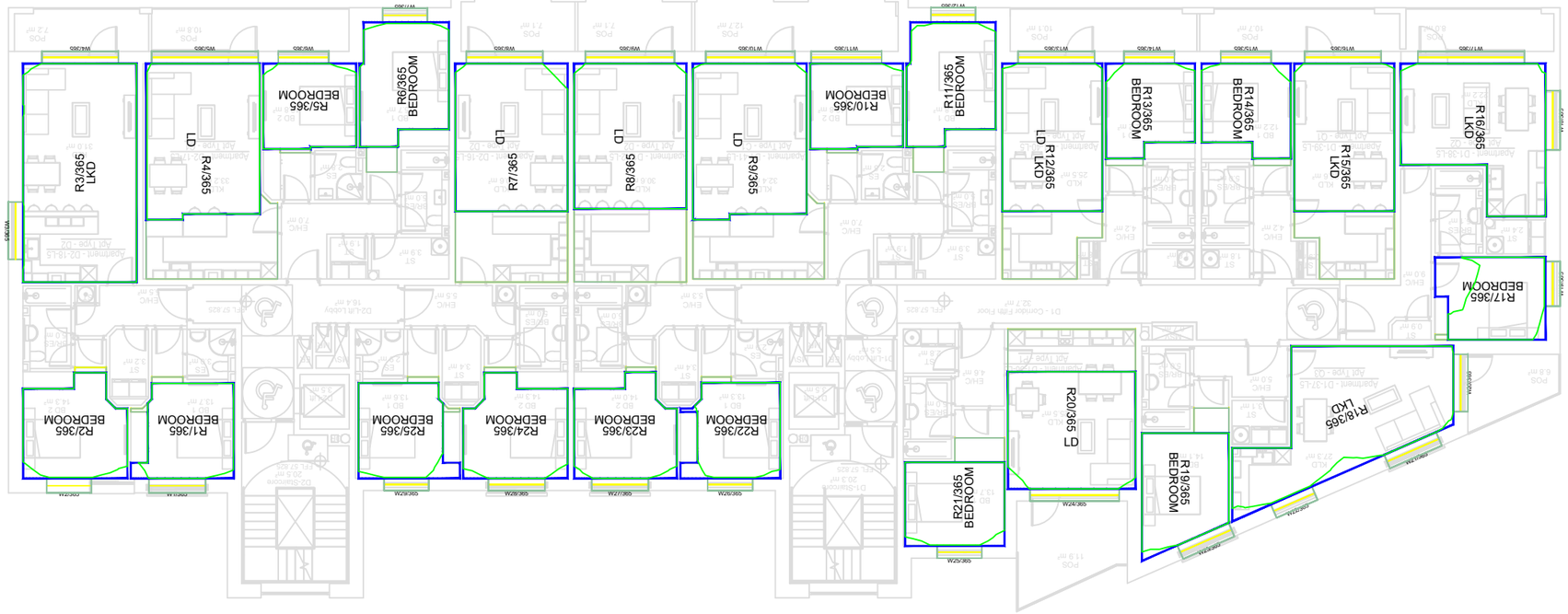
Project No.	Drawing No.	Revision
HA163_09	BRE_22	-

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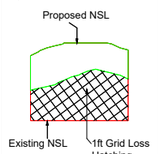


4TH FLOOR



5TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

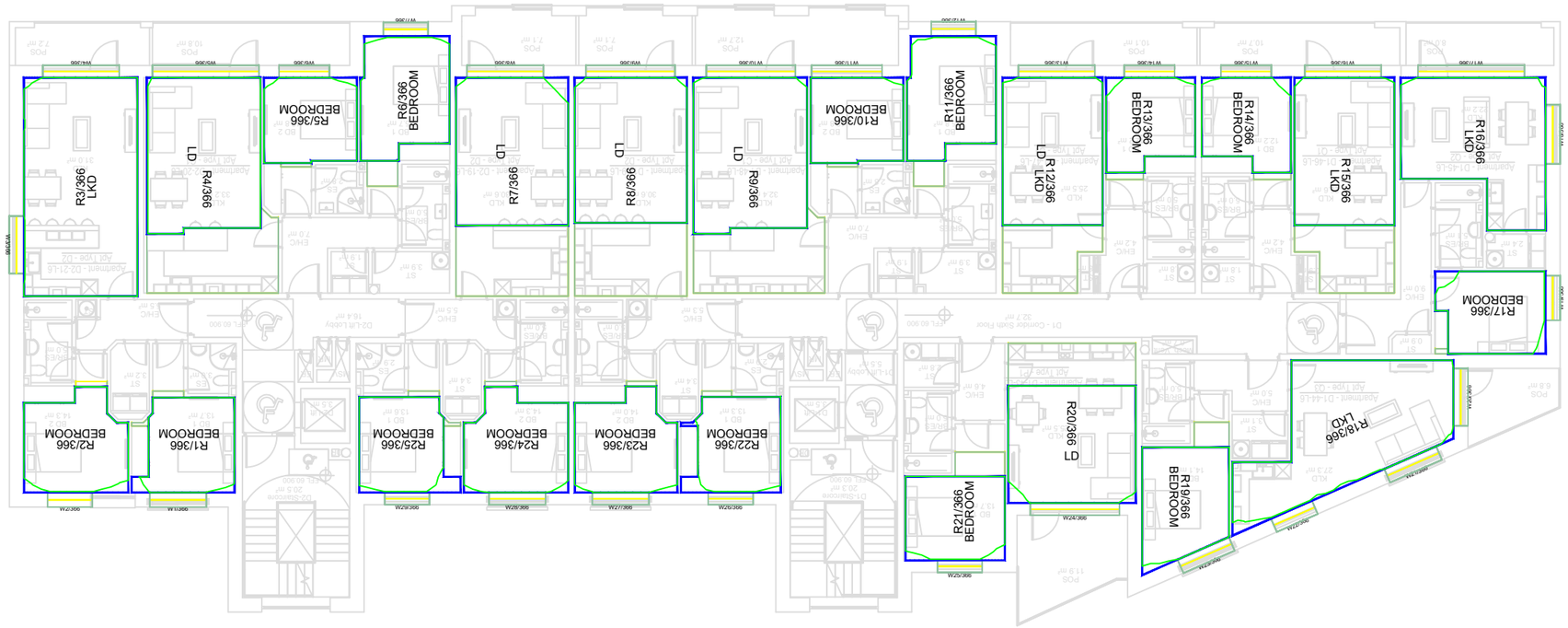
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Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

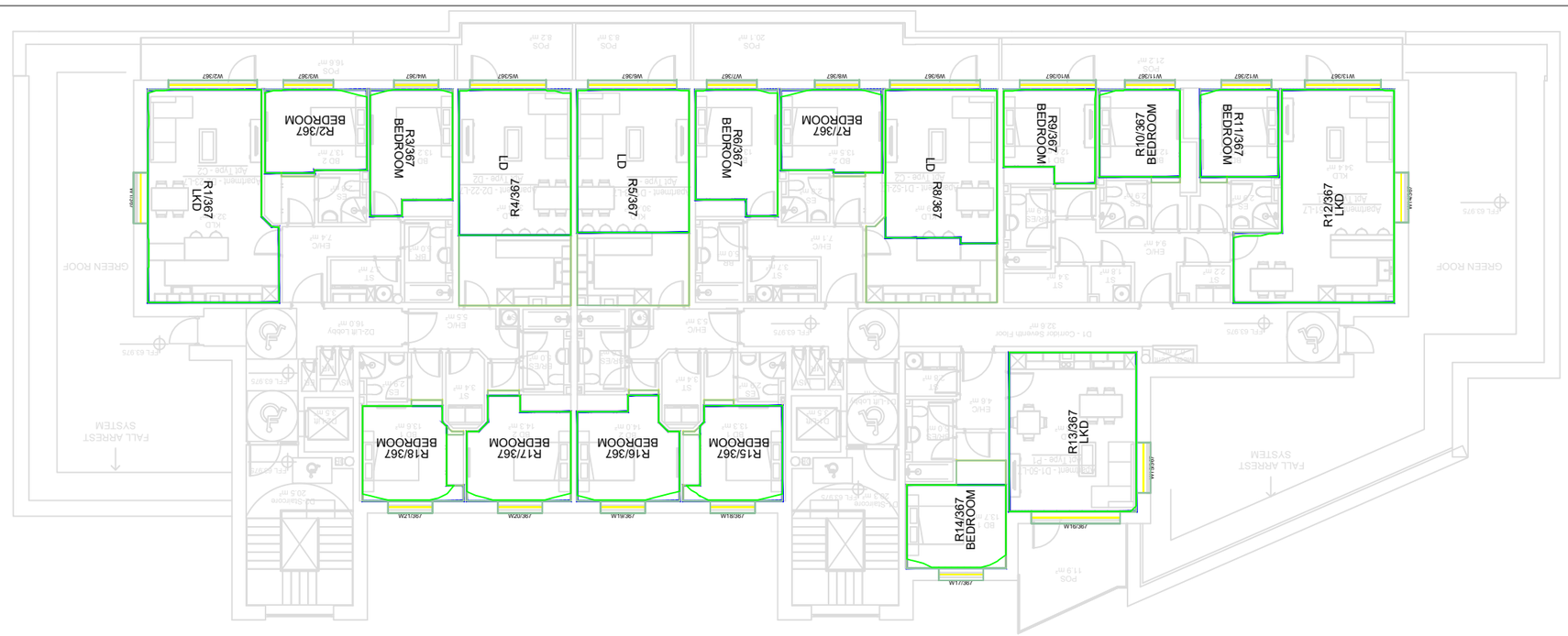
Project No.	Drawing No.	Revision
HA163_09	BRE_23	-

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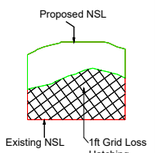


6TH FLOOR



7TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

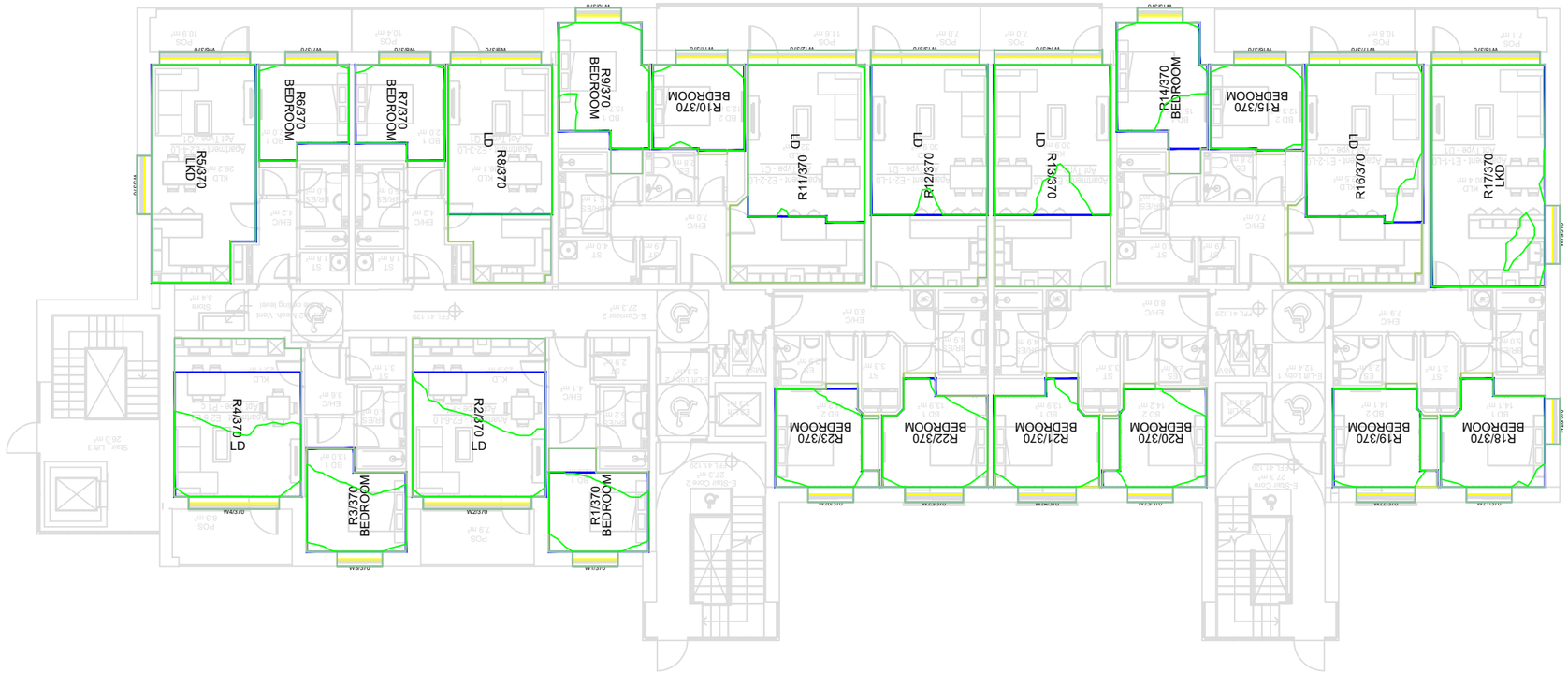
Drawing Title
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BLOCK D

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

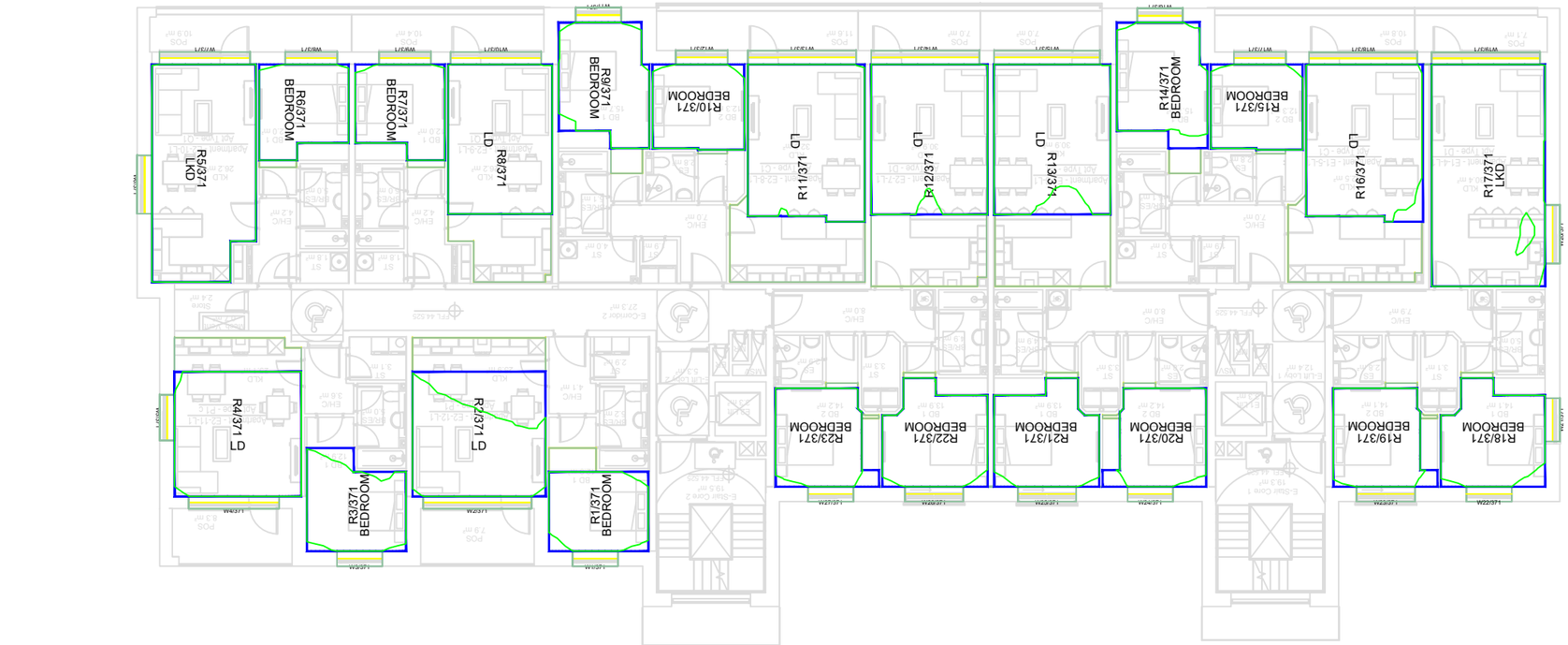
Project No.	Drawing No.	Revision
HA163_09	BRE_24	-

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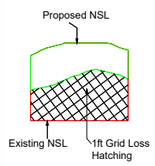


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

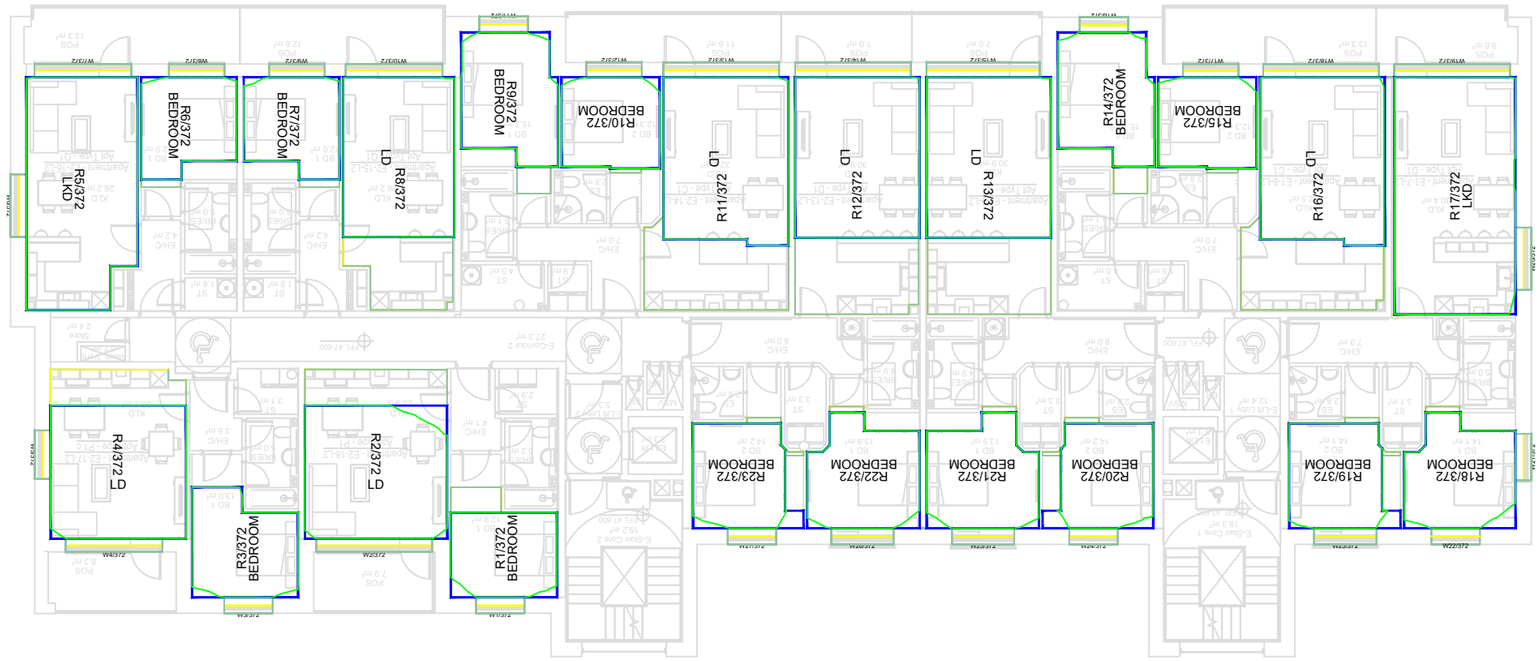
Drawing Title
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BLOCK E

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

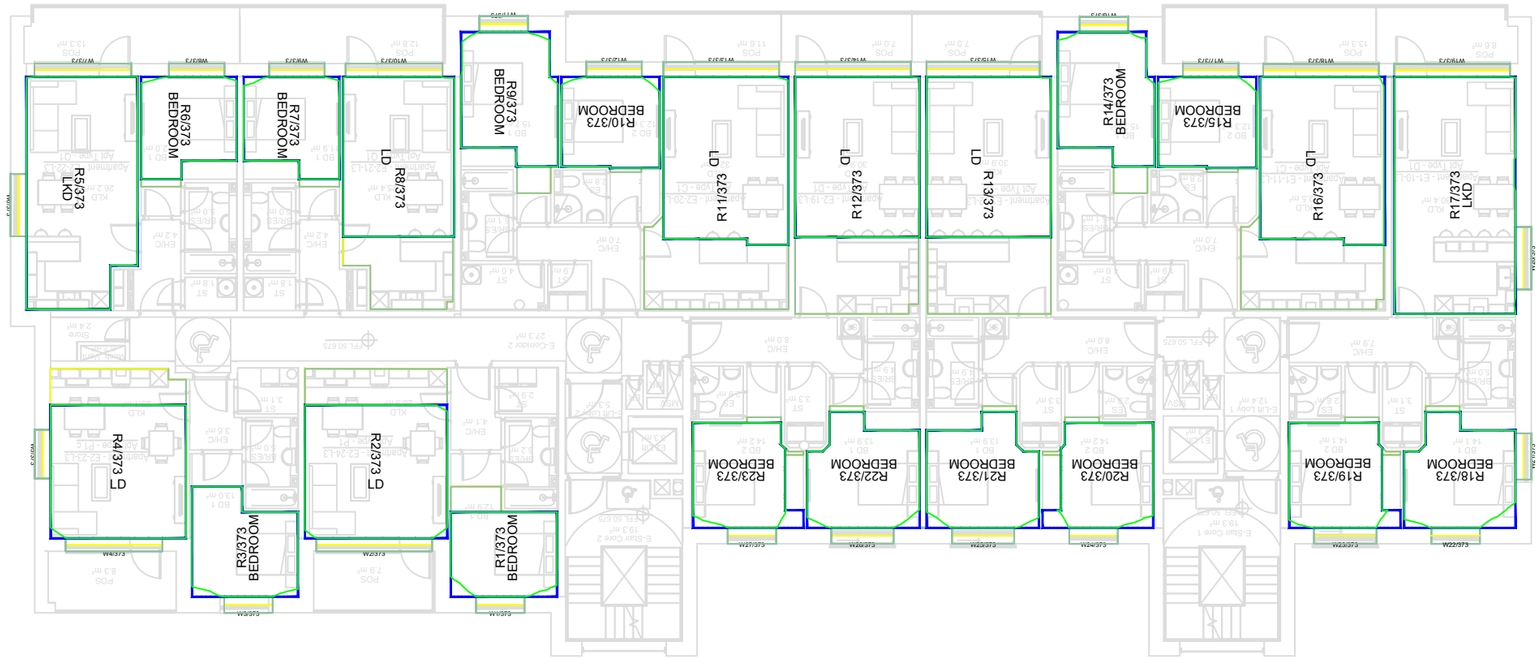
Project No.	Drawing No.	Revision
HA163_09	BRE_25	-

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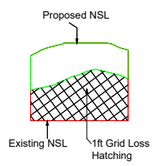


2ND FLOOR



3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

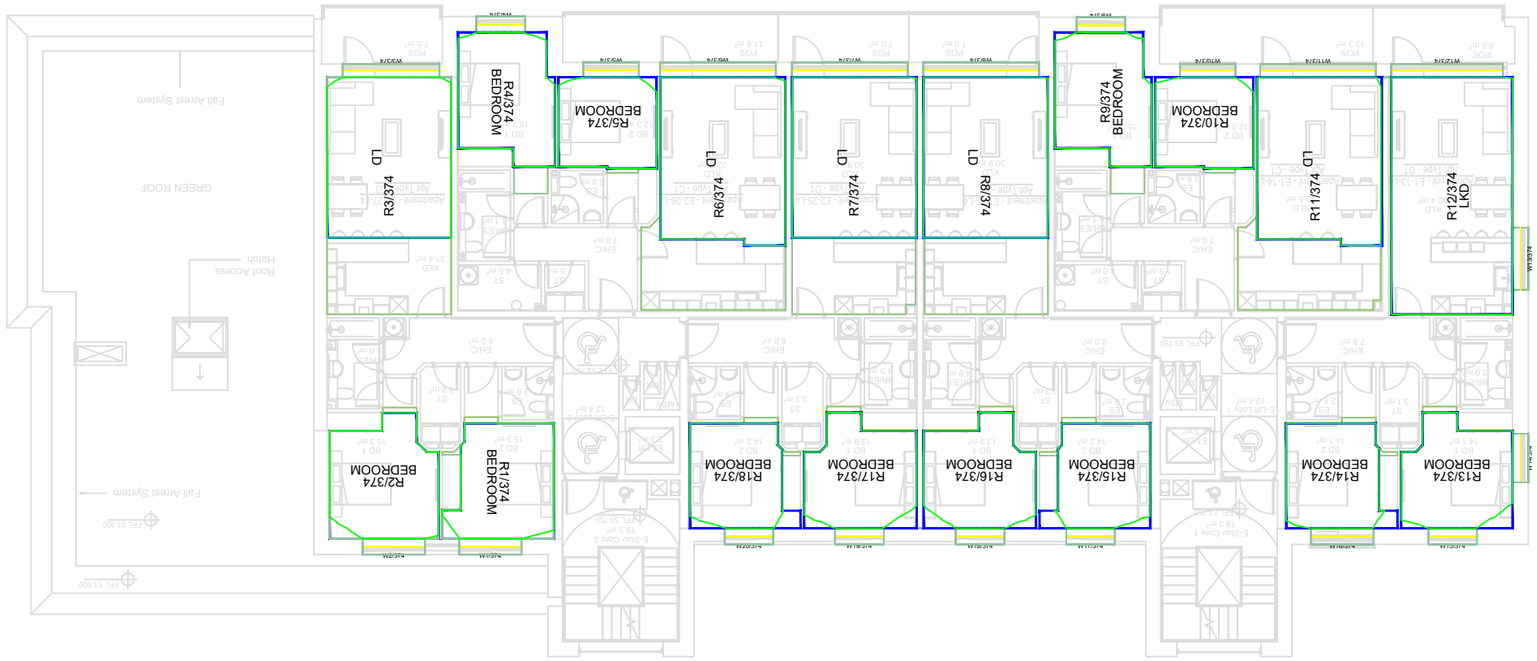
Drawing Title
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BLOCK E

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

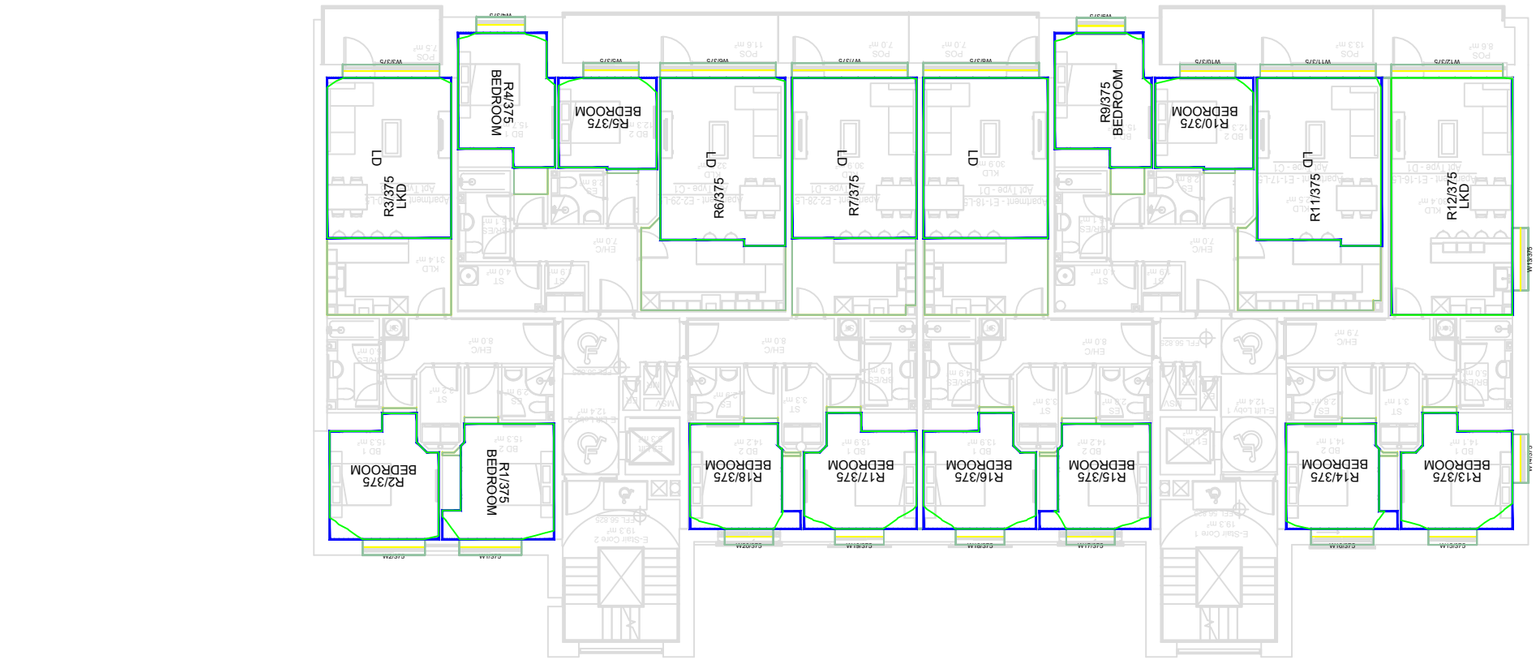
Project No.	Drawing No.	Revision
HA163_09	BRE_26	-

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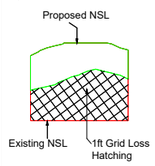


4TH FLOOR



5TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

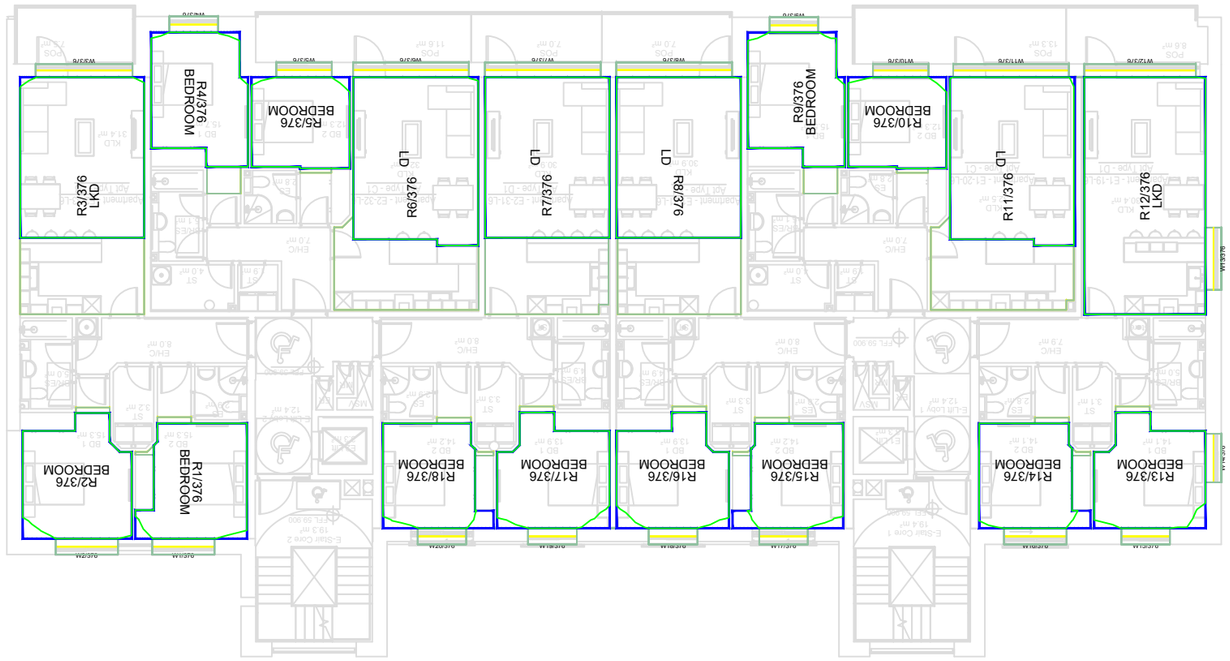
Drawing Title
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BLOCK E

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

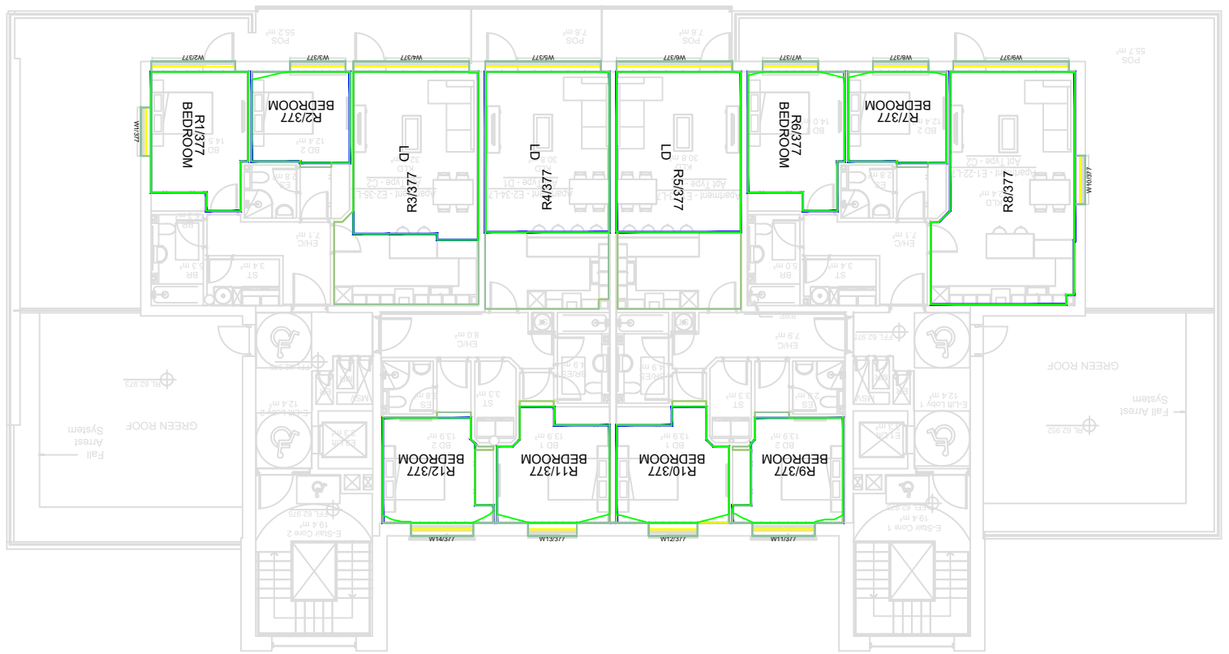
Project No.	Drawing No.	Revision
HA163_09	BRE_27	-

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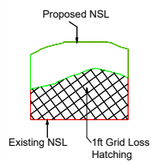


6TH FLOOR



7TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

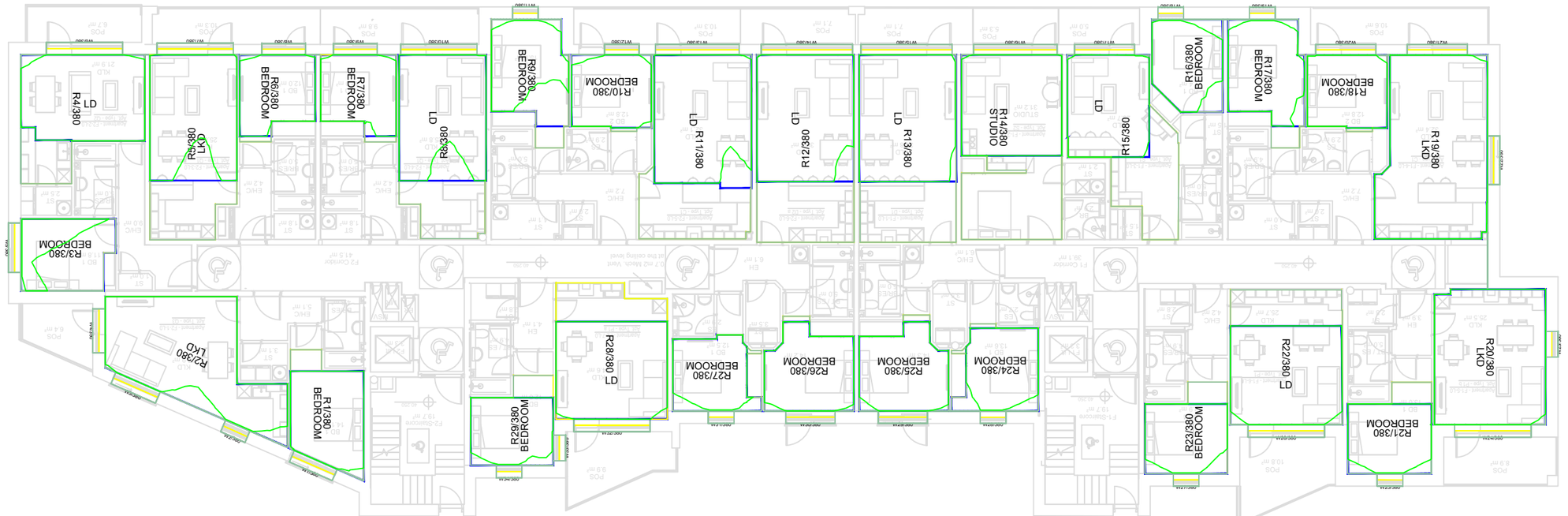
Drawing Title
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Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

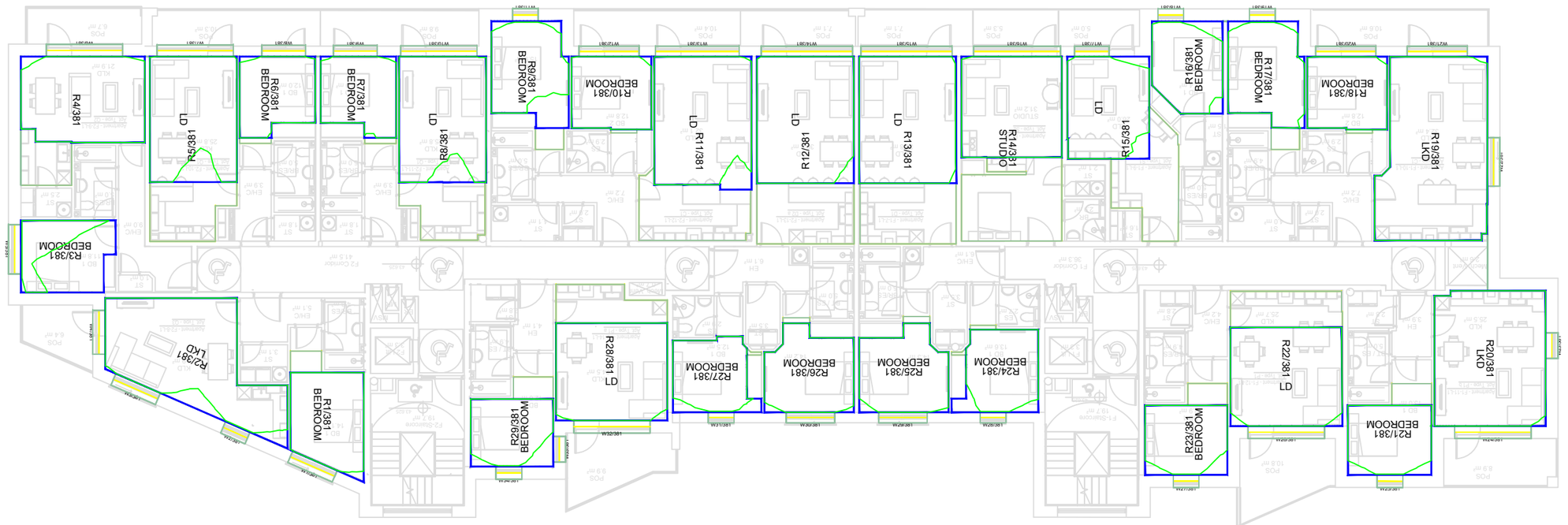
Project No.	Drawing No.	Revision
HA163_09	BRE_28	-

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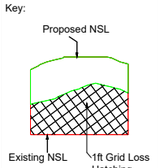


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

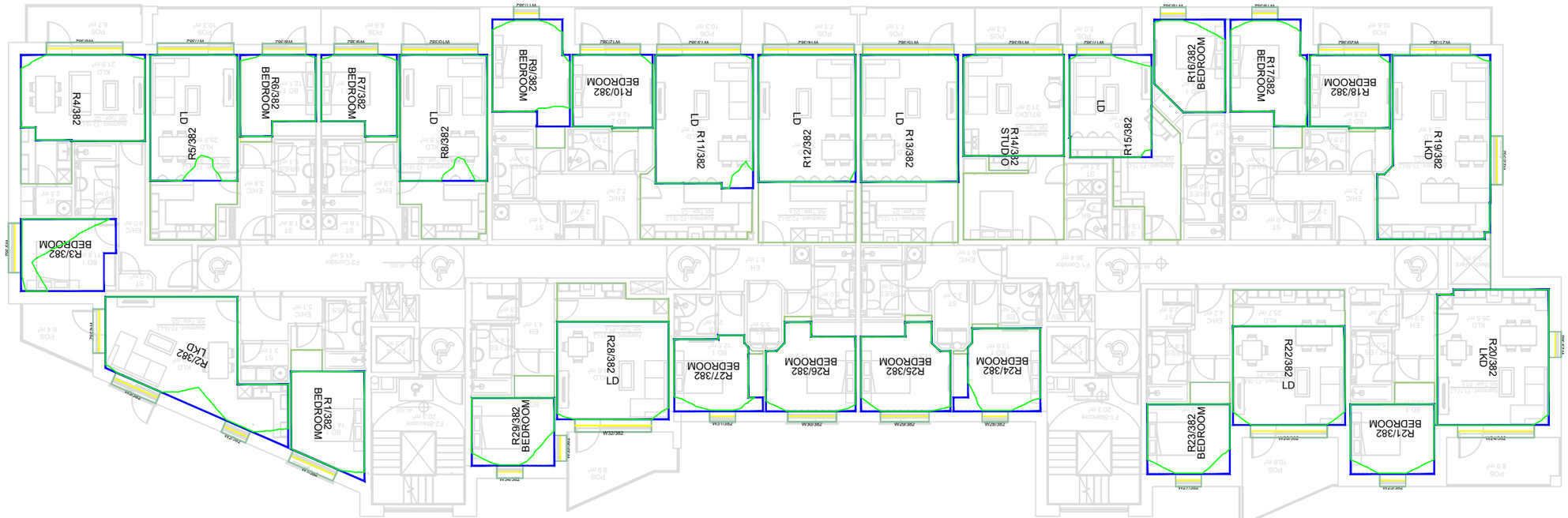
Drawing Title
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BLOCK F

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

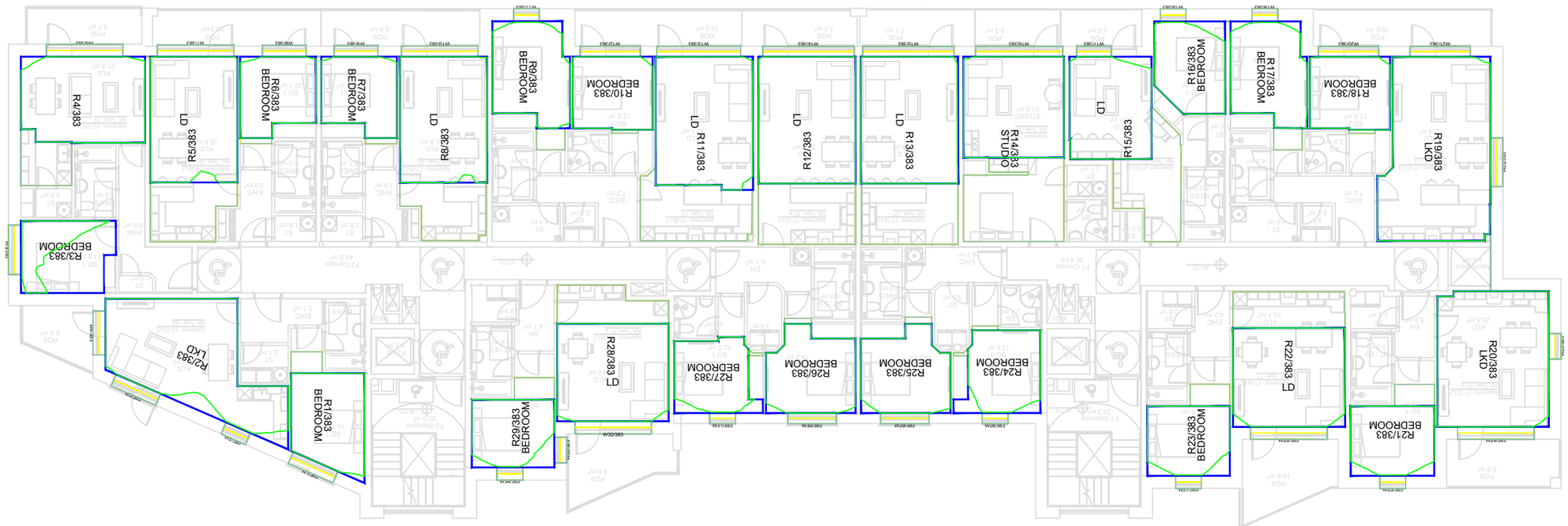
Project No.	Drawing No.	Revision
HA163_09	BRE_29	-

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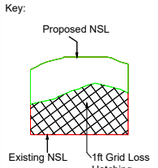


2ND FLOOR



3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

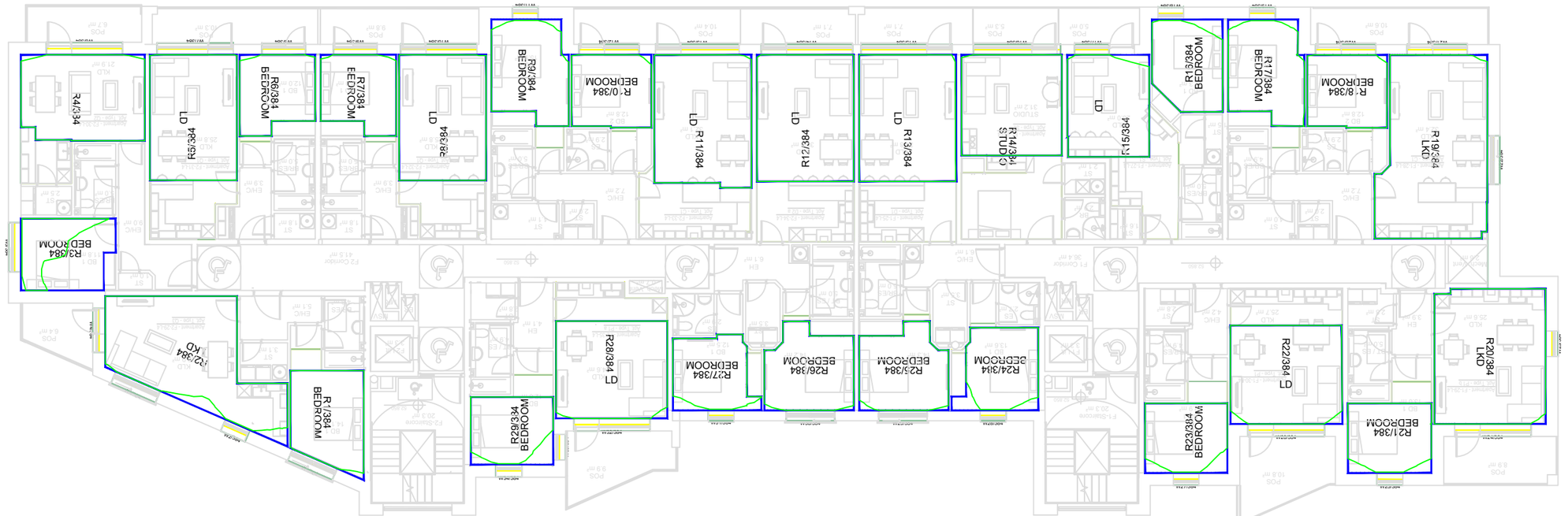
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BLOCK F

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

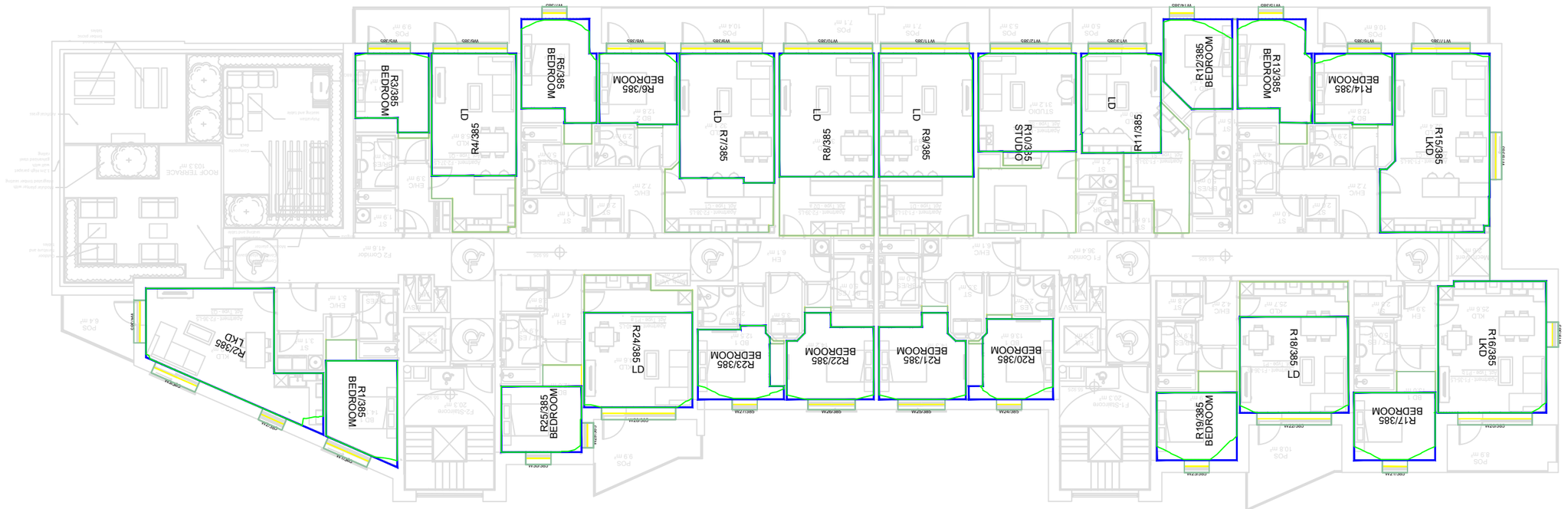
Project No.	Drawing No.	Revision
HA163_09	BRE_30	-

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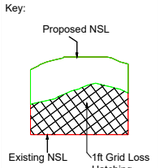


4TH FLOOR



5TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

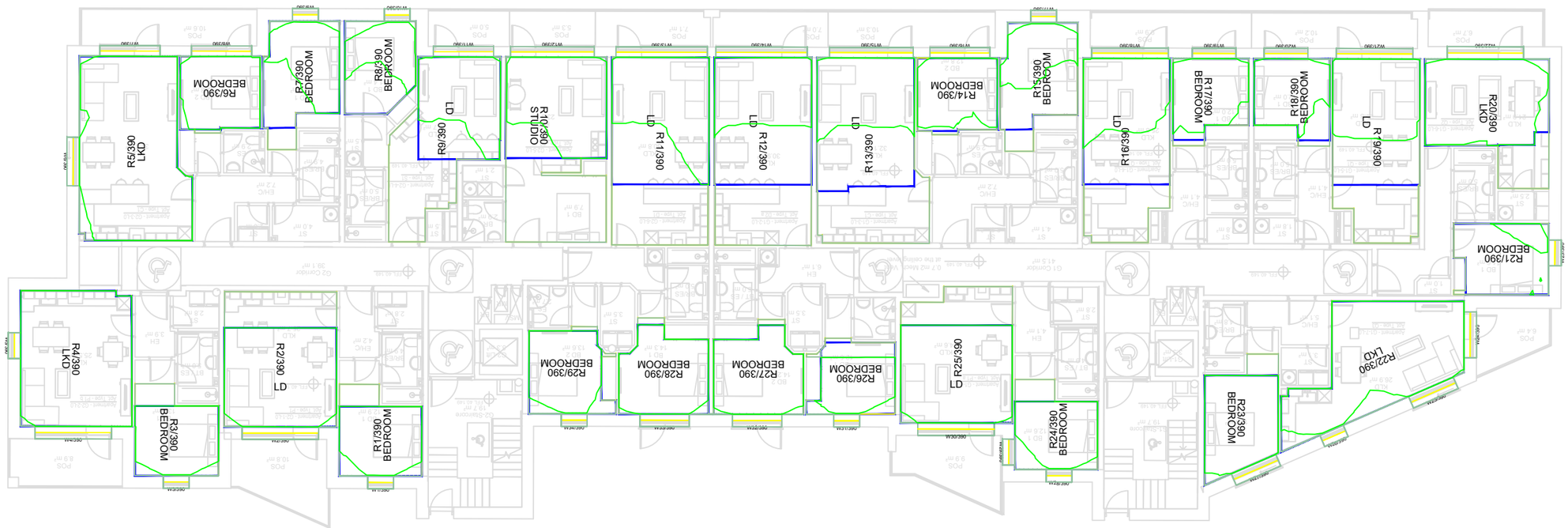
Drawing Title
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BLOCK F

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

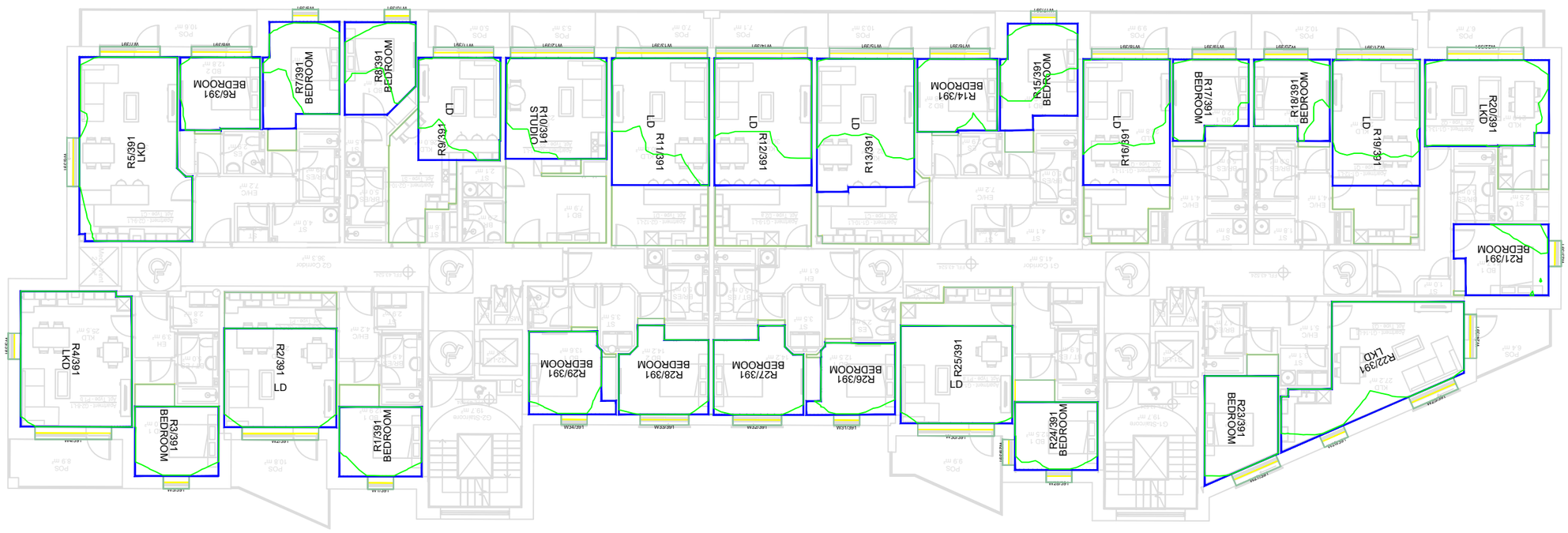
Project No.	Drawing No.	Revision
HA163_09	BRE_31	-

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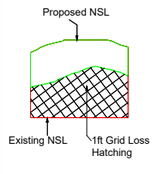


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

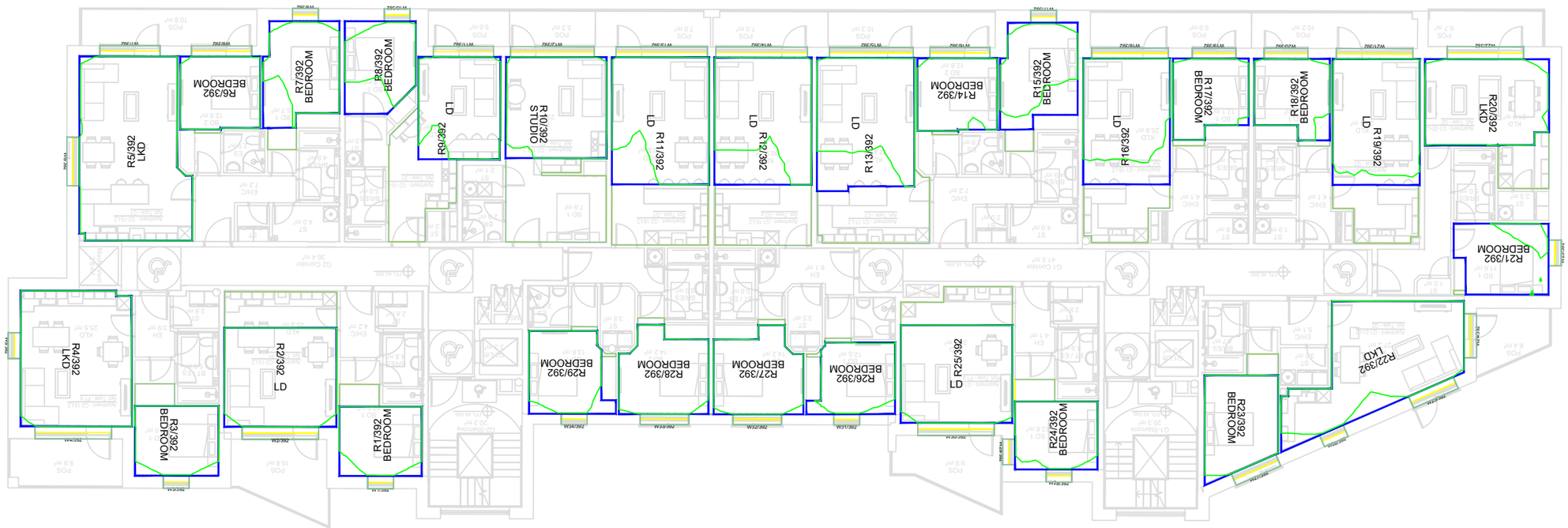
Drawing Title
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BLOCK G

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

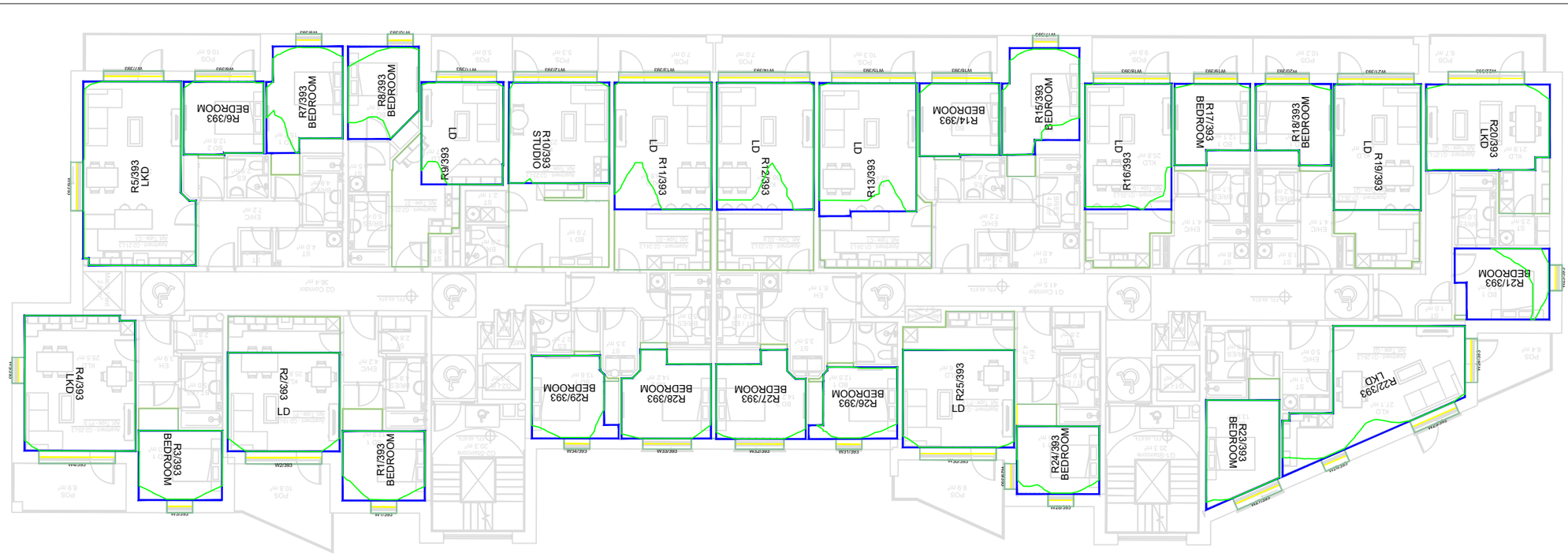
Project No.	Drawing No.	Revision
HA163_09	BRE_32	-

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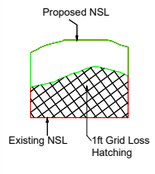


2ND FLOOR



3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

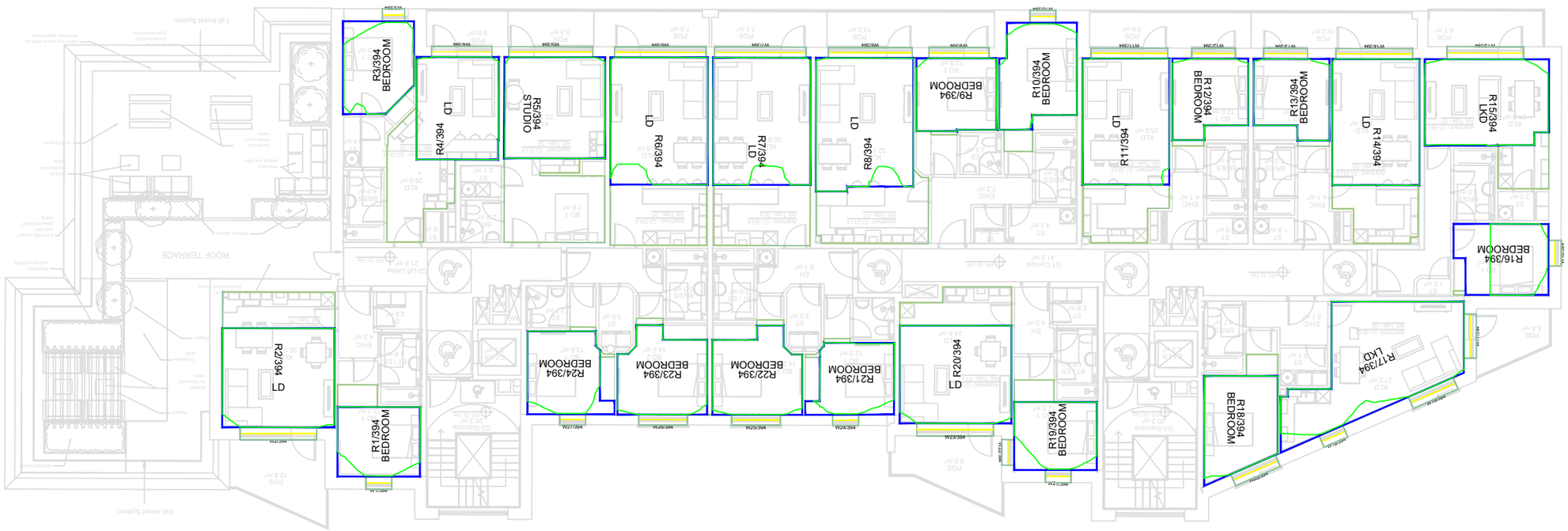
Drawing Title
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BLOCK G

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

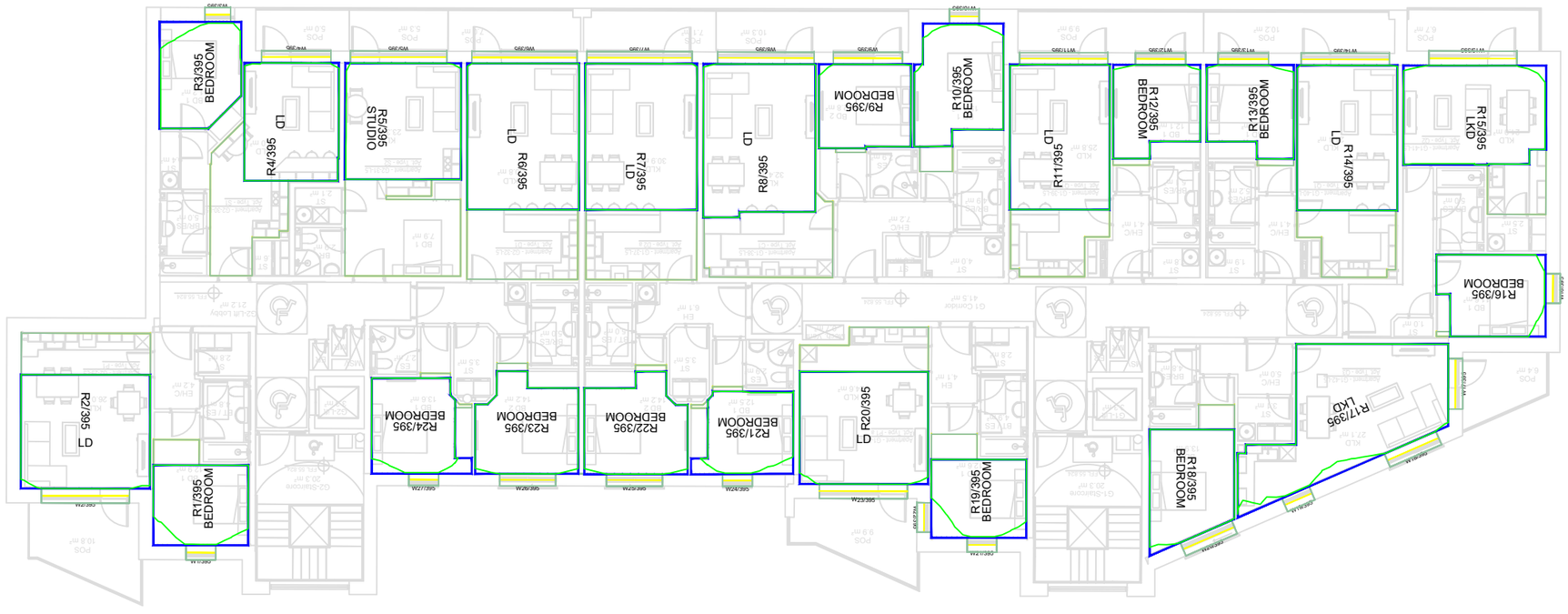
Project No.	Drawing No.	Revision
HA163_09	BRE_33	-

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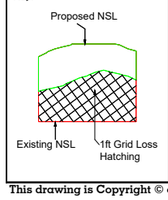


4TH FLOOR



5TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/200	16 Feb 2022

Project No.	Drawing No.	Revision
HA163_09	BRE_34	-

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AVISON YOUNG

HARTFIELD PLACE DUBLIN
16-Feb-22
JOB 09 - AMENITY RESULTS

					Daylight Distribution			%Sun		
Room/Floor	Room Use	Window	%VSC	%ADF	Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
Block A										
1st Floor										
R1/101	BEDROOM	W1/101	27.72	2.45	112.90	105.00	93.00%	N/A	N/A	N/A
R2/101	BEDROOM	W2/101	34.62	2.76	125.80	118.00	93.80%	N/A	N/A	N/A
R3/101	LD	W3/101	5.52	1.70	229.70	196.60	85.59%	0	5	5
R4/101	STUDIO	W4/101	3.97	1.59	188.30	155.70	82.69%	2	5	7
R5/101	LD	W5/101	1.32	0.63	151.40	57.80	38.18%	0	0	0
R6/101	BEDROOM	W6/101	20.72	1.69	112.70	50.00	44.37%	18	2	20
R7/101	LKD	W7/101	24.72	4.88	324.30	322.80	99.54%	24	6	30
		W8/101	27.85					25	8	33
		W9/101	23.15					13	3	16
R8/101	BEDROOM	W10/101	15.70	1.93	108.10	101.40	93.80%	N/A	N/A	N/A
R9/101	BEDROOM	W11/101	37.88	2.38	147.00	144.20	98.10%	N/A	N/A	N/A
R10/101	LKD	W12/101	37.96	2.77	368.10	363.10	98.64%	N/A	N/A	N/A
		W13/101	16.78					N/A	N/A	N/A
R11/101	BEDROOM	W14/101	38.73	3.12	112.90	108.60	96.19%	N/A	N/A	N/A
R12/101	BEDROOM	W15/101	35.00	2.30	151.70	147.10	96.97%	N/A	N/A	N/A
2nd Floor										
R1/102	BEDROOM	W1/102	27.78	2.45	112.90	105.00	93.00%	N/A	N/A	N/A
R2/102	BEDROOM	W2/102	34.78	2.77	125.80	118.00	93.80%	N/A	N/A	N/A
R3/102	LD	W3/102	7.64	1.84	229.70	196.60	85.59%	0	5	5
R4/102	STUDIO	W4/102	6.25	1.78	188.30	155.70	82.69%	2	5	7
R5/102	LD	W5/102	3.89	0.83	151.40	58.10	38.38%	0	0	0
R6/102	BEDROOM	W6/102	25.23	2.08	112.70	59.80	53.06%	23	5	28
R7/102	LKD	W7/102	28.50	5.31	324.30	322.80	99.54%	27	9	36
		W8/102	31.07					27	11	38
		W9/102	24.64					14	3	17
R8/102	BEDROOM	W10/102	16.90	2.03	108.10	101.40	93.80%	N/A	N/A	N/A
R9/102	BEDROOM	W11/102	39.24	2.47	147.00	144.20	98.10%	N/A	N/A	N/A
R10/102	LKD	W12/102	39.24	2.89	368.10	363.10	98.64%	N/A	N/A	N/A
		W13/102	17.84					N/A	N/A	N/A
R11/102	BEDROOM	W14/102	38.99	3.14	112.90	108.60	96.19%	N/A	N/A	N/A
R12/102	BEDROOM	W15/102	35.23	2.31	151.70	147.10	96.97%	N/A	N/A	N/A
3rd Floor										
R1/103	BEDROOM	W1/103	27.88	2.45	112.90	105.00	93.00%	N/A	N/A	N/A
R2/103	BEDROOM	W2/103	34.97	2.77	125.80	118.00	93.80%	N/A	N/A	N/A
R3/103	LD	W3/103	10.43	2.09	229.70	204.30	88.94%	3	7	10
R4/103	STUDIO	W4/103	9.52	2.08	188.30	164.20	87.20%	2	7	9
R5/103	LD	W5/103	7.92	1.26	151.40	95.30	62.95%	0	4	4
R6/103	BEDROOM	W6/103	30.04	2.47	112.70	94.60	83.94%	23	11	34
R7/103	LKD	W7/103	32.31	5.64	324.30	322.80	99.54%	27	16	43
		W8/103	34.02					27	17	44
		W9/103	25.20					14	3	17
R8/103	BEDROOM	W10/103	17.20	2.06	108.10	101.40	93.80%	N/A	N/A	N/A
R9/103	BEDROOM	W11/103	39.62	2.49	147.00	144.20	98.10%	N/A	N/A	N/A
R10/103	LKD	W12/103	39.62	2.93	368.10	363.10	98.64%	N/A	N/A	N/A
		W13/103	18.30					N/A	N/A	N/A
R11/103	BEDROOM	W14/103	39.10	3.14	112.90	108.60	96.19%	N/A	N/A	N/A
R12/103	BEDROOM	W15/103	35.32	2.31	151.70	147.10	96.97%	N/A	N/A	N/A

AVISON YOUNG

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
4th Floor										
R1/104	BEDROOM	W1/104	28.09	2.45	112.90	105.00	93.00%	N/A	N/A	N/A
R2/104	BEDROOM	W2/104	35.32	2.77	125.80	118.00	93.80%	N/A	N/A	N/A
R3/104	LD	W3/104	12.67	2.53	229.70	229.60	99.96%	3	11	14
R4/104	STUDIO	W4/104	12.18	2.65	188.30	187.80	99.73%	2	10	12
R5/104	LD	W5/104	11.50	2.04	151.40	150.80	99.60%	0	10	10
R6/104	BEDROOM	W6/104	34.62	2.83	112.70	109.40	97.07%	23	20	43
R7/104	LKD	W7/104	35.91	6.98	324.30	323.10	99.63%	27	23	50
		W8/104	36.62					27	24	51
		W9/104	39.18					20	3	23
R8/104	BEDROOM	W10/104	33.01	2.88	108.10	101.60	93.99%	N/A	N/A	N/A
R9/104	BEDROOM	W11/104	39.62	2.49	147.00	144.20	98.10%	N/A	N/A	N/A
R10/104	LKD	W12/104	39.62	2.93	368.10	363.10	98.64%	N/A	N/A	N/A
		W13/104	18.30					N/A	N/A	N/A
R11/104	BEDROOM	W14/104	39.13	3.14	112.90	108.60	96.19%	N/A	N/A	N/A
R12/104	BEDROOM	W15/104	35.34	2.31	151.70	147.10	96.97%	N/A	N/A	N/A
5th Floor										
R1/105	BEDROOM	W1/105	28.69	2.45	112.90	104.90	92.91%	N/A	N/A	N/A
R2/105	BEDROOM	W2/105	36.23	2.77	125.80	118.60	94.28%	N/A	N/A	N/A
R3/105	LD	W3/105	34.93	4.67	229.70	228.30	99.39%	42	19	61
R4/105	STUDIO	W4/105	37.21	5.85	188.30	187.80	99.73%	44	25	69
R5/105	LD	W5/105	32.64	4.76	151.40	150.40	99.34%	31	25	56
R6/105	BEDROOM	W6/105	38.26	7.30	112.70	109.30	96.98%	23	22	45
		W7/105	39.61					17	1	18
1st Floor										
R1/201	BEDROOM	W1/201	36.08	3.06	107.80	103.20	95.73%	N/A	N/A	N/A
R2/201	BEDROOM	W2/201	38.92	3.66	92.70	89.90	96.98%	N/A	N/A	N/A
R3/201	BEDROOM	W3/201	39.25	3.60	95.00	92.70	97.58%	N/A	N/A	N/A
R4/201	LKD	W4/201	15.93	2.75	313.10	308.60	98.56%	8	9	17
		W5/201	10.65					6	4	10
R5/201	BEDROOM	W6/201	36.86	2.43	142.50	139.80	98.11%	26	12	38
R6/201	BEDROOM	W7/201	11.44	2.06	106.90	102.80	96.16%	6	6	12
R7/201	LKD	W8/201	17.75	3.45	323.50	323.30	99.94%	14	5	19
		W9/201	21.65					13	8	21
		W10/201	22.53					16	7	23
R8/201	LD	W11/201	6.02	1.51	200.30	200.20	99.95%	0	4	4
R9/201	BEDROOM	W12/201	4.97	1.32	102.50	99.40	96.98%	0	4	4
R10/201	BEDROOM	W13/201	5.48	1.43	102.50	99.30	96.88%	0	5	5
R11/201	LD	W14/201	8.08	1.81	200.30	200.10	99.90%	0	10	10
R12/201	LD	W15/201	6.83	1.83	226.10	225.60	99.78%	0	9	9
R13/201	BEDROOM	W16/201	34.62	3.59	126.00	120.50	95.63%	N/A	N/A	N/A
R14/201	BEDROOM	W17/201	28.38	3.24	113.00	107.90	95.49%	N/A	N/A	N/A
2nd Floor										
R1/202	BEDROOM	W1/202	36.12	3.06	107.80	103.20	95.73%	N/A	N/A	N/A
R2/202	BEDROOM	W2/202	39.03	3.67	92.70	89.90	96.98%	N/A	N/A	N/A
R3/202	BEDROOM	W3/202	39.36	3.60	95.00	92.70	97.58%	N/A	N/A	N/A
R4/202	LKD	W4/202	16.41	2.83	313.10	308.60	98.56%	8	9	17
		W5/202	11.08					6	4	10
R5/202	BEDROOM	W6/202	37.56	2.47	142.50	139.90	98.18%	26	12	38
R6/202	BEDROOM	W7/202	11.98	2.14	106.90	102.80	96.16%	6	6	12
R7/202	LKD	W8/202	18.28	3.70	323.50	323.30	99.94%	14	5	19
		W9/202	24.42					18	9	27
		W10/202	25.28					19	9	28
R8/202	LD	W11/202	7.44	1.68	200.30	200.20	99.95%	1	4	5
R9/202	BEDROOM	W12/202	5.61	1.43	102.50	99.40	96.98%	0	4	4
R10/202	BEDROOM	W13/202	6.06	1.52	102.50	100.20	97.76%	0	5	5
R11/202	LKD	W14/202	9.97	1.97	200.30	200.20	99.95%	0	10	10
R12/202	LKD	W15/202	8.45	1.96	226.10	226.00	99.96%	0	9	9
R13/202	BEDROOM	W16/202	34.83	3.60	126.00	120.50	95.63%	N/A	N/A	N/A
R14/202	BEDROOM	W17/202	28.57	3.25	113.00	107.90	95.49%	N/A	N/A	N/A

AVISON YOUNG

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
3rd Floor										
R1/203	BEDROOM	W1/203	36.14	3.06	107.80	103.20	95.73%	N/A	N/A	N/A
R2/203	BEDROOM	W2/203	39.08	3.67	92.70	89.90	96.98%	N/A	N/A	N/A
R3/203	BEDROOM	W3/203	39.42	3.60	95.00	92.70	97.58%	N/A	N/A	N/A
R4/203	LKD	W4/203	16.86	2.90	313.10	308.60	98.56%	8	10	18
		W5/203	11.48					6	5	11
R5/203	BEDROOM	W6/203	38.21	2.50	142.50	139.90	98.18%	26	13	39
R6/203	BEDROOM	W7/203	12.48	2.21	106.90	102.80	96.16%	6	8	14
R7/203	LKD	W8/203	18.79	3.97	323.50	323.30	99.94%	14	7	21
		W9/203	27.72					23	9	32
		W10/203	28.49					22	10	32
R8/203	LD	W11/203	9.88	1.87	200.30	200.20	99.95%	2	6	8
R9/203	BEDROOM	W12/203	6.99	1.56	102.50	99.40	96.98%	1	4	5
R10/203	BEDROOM	W13/203	7.59	1.64	102.50	101.10	98.63%	0	5	5
R11/203	LKD	W14/203	12.74	2.16	200.30	200.20	99.95%	2	10	12
R12/203	LKD	W15/203	10.93	2.14	226.10	226.00	99.96%	0	10	10
R13/203	BEDROOM	W16/203	35.03	3.61	126.00	120.50	95.63%	N/A	N/A	N/A
R14/203	BEDROOM	W17/203	28.73	3.26	113.00	107.90	95.49%	N/A	N/A	N/A
4th Floor										
R1/204	BEDROOM	W1/204	36.14	3.06	107.80	103.20	95.73%	N/A	N/A	N/A
R2/204	BEDROOM	W2/204	39.09	3.67	92.70	89.90	96.98%	N/A	N/A	N/A
R3/204	BEDROOM	W3/204	39.43	3.60	95.00	92.70	97.58%	N/A	N/A	N/A
R4/204	LKD	W4/204	17.29	2.96	313.10	309.00	98.69%	8	10	18
		W5/204	11.86					6	5	11
R5/204	BEDROOM	W6/204	38.82	2.53	142.50	139.90	98.18%	26	13	39
R6/204	BEDROOM	W7/204	12.97	2.27	106.90	103.20	96.54%	6	8	14
R7/204	LKD	W8/204	19.26	4.24	323.50	323.30	99.94%	14	7	21
		W9/204	31.37					23	14	37
		W10/204	31.92					23	14	37
R8/204	LD	W11/204	12.50	2.17	200.30	200.20	99.95%	3	10	13
R9/204	BEDROOM	W12/204	9.23	1.82	102.50	100.20	97.76%	1	8	9
R10/204	BEDROOM	W13/204	9.87	1.91	102.50	101.10	98.63%	1	7	8
R11/204	LKD	W14/204	15.46	2.53	200.30	200.20	99.95%	3	13	16
R12/204	LKD	W15/204	13.22	2.48	226.10	226.00	99.96%	0	12	12
R13/204	BEDROOM	W16/204	35.27	3.61	126.00	120.50	95.63%	N/A	N/A	N/A
R14/204	BEDROOM	W17/204	28.89	3.26	113.00	107.90	95.49%	N/A	N/A	N/A
5th Floor										
R1/205	BEDROOM	W1/205	36.16	3.06	107.80	103.20	95.73%	N/A	N/A	N/A
R2/205	BEDROOM	W2/205	39.12	3.67	92.70	89.90	96.98%	N/A	N/A	N/A
R3/205	BEDROOM	W3/205	39.45	3.60	95.00	92.70	97.58%	N/A	N/A	N/A
R4/205	LKD	W4/205	17.68	3.01	313.10	309.00	98.69%	8	10	18
		W5/205	12.14					6	5	11
R5/205	BEDROOM	W6/205	39.31	2.56	142.50	139.90	98.18%	26	13	39
R6/205	BEDROOM	W7/205	13.38	2.32	106.90	103.20	96.54%	6	8	14
R7/205	LKD	W8/205	19.67	4.49	323.50	323.30	99.94%	14	7	21
		W9/205	34.77					23	18	41
		W10/205	35.18					23	18	41
R8/205		W11/205	14.99	2.52	200.30	200.20	99.95%	3	13	16
R9/205	BEDROOM	W12/205	11.65	2.15	102.50	100.30	97.85%	1	10	11
R10/205	BEDROOM	W13/205	12.16	2.21	102.50	101.10	98.63%	1	12	13
R11/205	LKD	W14/205	17.88	2.86	200.30	200.20	99.95%	3	16	19
R12/205	LKD	W15/205	15.31	2.77	226.10	226.00	99.96%	0	15	15
R13/205	BEDROOM	W16/205	35.71	3.61	126.00	120.60	95.71%	N/A	N/A	N/A
R14/205	BEDROOM	W17/205	29.17	3.26	113.00	108.00	95.58%	N/A	N/A	N/A
6th Floor										
R1/206	BEDROOM	W1/206	36.22	3.06	107.80	103.20	95.73%	N/A	N/A	N/A
R2/206	BEDROOM	W2/206	39.19	3.67	92.70	89.90	96.98%	N/A	N/A	N/A
R3/206	BEDROOM	W3/206	39.49	3.60	95.00	92.70	97.58%	N/A	N/A	N/A
R4/206	LKD	W4/206	17.71	3.01	313.10	309.00	98.69%	8	10	18
		W5/206	12.15					6	5	11
R5/206	BEDROOM	W6/206	39.46	2.56	142.50	139.90	98.18%	26	13	39
R6/206	BEDROOM	W7/206	13.51	2.33	106.90	103.40	96.73%	6	8	14

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R7/206	LKD	W8/206	19.68	4.67	323.50	323.30	99.94%	14	7	21
		W9/206	37.53					23	22	45
		W10/206	37.74					23	22	45
R8/206	LD	W11/206	18.95	2.93	200.30	200.20	99.95%	4	16	20
R9/206	BEDROOM	W12/206	15.37	2.54	102.50	100.30	97.85%	1	15	16
R10/206	BEDROOM	W13/206	16.12	2.61	102.50	101.10	98.63%	3	15	18
R11/206	LD	W14/206	35.34	5.00	200.30	200.20	99.95%	37	21	58
R12/206	LD	W15/206	38.86	5.98	226.10	226.00	99.96%	46	25	71
R13/206	BEDROOM	W16/206	36.55	3.61	126.00	120.90	95.95%	N/A	N/A	N/A
R14/206	BEDROOM	W17/206	29.77	3.26	113.00	108.40	95.93%	N/A	N/A	N/A
7th Floor										
R1/207	BEDROOM	W1/207	36.64	3.06	107.80	103.20	95.73%	N/A	N/A	N/A
R2/207	BEDROOM	W2/207	39.37	3.67	92.70	89.90	96.98%	N/A	N/A	N/A
R3/207	BEDROOM	W3/207	39.56	3.60	95.00	91.60	96.42%	N/A	N/A	N/A
R4/207	LKD	W4/207	23.21	3.85	314.00	310.30	98.82%	16	13	29
		W5/207	19.01					14	7	21
R5/207	BEDROOM	W6/207	39.57	2.56	142.50	139.90	98.18%	26	13	39
R6/207	BEDROOM	W7/207	20.60	3.06	106.90	103.40	96.73%	12	12	24
R7/207	LKD	W8/207	24.94	5.32	323.10	322.90	99.94%	20	7	27
		W9/207	39.19					23	22	45
		W10/207	39.22					23	22	45
R8/207	BEDROOM	W11/207	33.72	4.94	101.90	100.60	98.72%	29	16	45
R9/207	BEDROOM	W12/207	38.95	4.73	97.00	95.40	98.35%	31	25	56
R10/207	LD	W13/207	39.29	5.49	232.70	232.00	99.70%	41	25	66
		W14/207	39.48					17	1	18
Block B										
Gnd Floor										
R1/300	LD	W1/300	16.59	2.60	238.20	235.50	98.87%	N/A	N/A	N/A
R2/300	BEDROOM	W2/300	19.49	3.48	102.20	99.20	97.06%	N/A	N/A	N/A
R3/300	BEDROOM	W3/300	34.80	2.30	134.90	131.80	97.70%	N/A	N/A	N/A
R4/300	BEDROOM	W4/300	35.34	2.69	114.30	111.80	97.81%	N/A	N/A	N/A
R5/300	LD	W5/300	18.63	2.87	149.70	149.00	99.53%	N/A	N/A	N/A
R6/300	STUDIO	W6/300	21.20	3.49	183.90	183.40	99.73%	N/A	N/A	N/A
R7/300	LD	W7/300	21.17	2.88	233.10	232.70	99.83%	N/A	N/A	N/A
R8/300	LD	W8/300	21.09	2.87	233.60	230.70	98.76%	N/A	N/A	N/A
R9/300	STUDIO	W9/300	20.99	3.46	183.90	183.40	99.73%	N/A	N/A	N/A
R10/300	LD	W10/300	18.34	2.83	150.10	149.40	99.53%	N/A	N/A	N/A
R11/300	BEDROOM	W11/300	34.96	2.66	113.90	111.60	97.98%	N/A	N/A	N/A
R12/300	LKD	W12/300	18.77	2.29	337.80	333.30	98.67%	N/A	N/A	N/A
		W13/300	11.63					N/A	N/A	N/A
R13/300	BEDROOM	W14/300	8.95	2.57	125.50	111.60	88.92%	0	0	0
		W15/300	16.71					17	2	19
R14/300	BEDROOM	W16/300	13.26	1.42	111.50	81.80	73.36%	10	0	10
R15/300	BEDROOM	W17/300	14.03	1.27	112.60	59.00	52.40%	10	3	13
R16/300	BEDROOM	W18/300	19.42	2.78	126.40	93.20	73.73%	19	3	22
R17/300	BEDROOM	W19/300	17.84	2.62	125.00	82.80	66.24%	15	3	18
R18/300	BEDROOM	W20/300	12.62	1.27	111.40	51.60	46.32%	8	0	8
R19/300	BEDROOM	W21/300	16.83	1.55	113.40	67.10	59.17%	14	7	21
R20/300	BEDROOM	W22/300	20.32	2.90	127.90	84.50	66.07%	18	7	25
R21/300	LD	W23/300	13.62	2.58	215.90	140.30	64.98%	9	10	19
1st Floor										
R1/301	LD	W1/301	16.16	2.61	238.20	235.50	98.87%	N/A	N/A	N/A
R2/301	BEDROOM	W2/301	19.06	3.53	102.20	99.20	97.06%	N/A	N/A	N/A
R3/301	BEDROOM	W3/301	36.73	2.54	134.90	131.80	97.70%	N/A	N/A	N/A
R4/301	BEDROOM	W4/301	37.26	2.99	114.30	111.00	97.11%	N/A	N/A	N/A
R5/301	LD	W5/301	17.35	2.80	149.70	149.00	99.53%	N/A	N/A	N/A
R6/301	STUDIO	W6/301	18.34	3.19	183.90	183.40	99.73%	N/A	N/A	N/A
R7/301	LD	W7/301	18.40	2.62	233.10	232.70	99.83%	N/A	N/A	N/A
R8/301	LD	W8/301	18.39	2.62	233.60	230.70	98.76%	N/A	N/A	N/A
R9/301	STUDIO	W9/301	18.10	3.15	183.90	183.40	99.73%	N/A	N/A	N/A
R10/301	LD	W10/301	17.10	2.76	150.10	149.40	99.53%	N/A	N/A	N/A
R11/301	BEDROOM	W11/301	37.00	2.96	113.90	111.60	97.98%	N/A	N/A	N/A

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R12/301	LKD	W12/301	18.27	2.36	337.80	333.30	98.67%	N/A	N/A	N/A
		W13/301	14.10					N/A	N/A	N/A
R13/301	BEDROOM	W14/301	11.31	3.28	125.50	115.00	91.63%	0	0	0
		W15/301	18.82					19	3	22
R14/301	BEDROOM	W16/301	14.86	1.60	111.50	84.80	76.05%	11	0	11
R15/301	BEDROOM	W17/301	16.17	1.63	112.60	68.10	60.48%	12	5	17
R16/301	BEDROOM	W18/301	21.40	3.33	126.40	100.00	79.11%	24	7	31
R17/301	BEDROOM	W19/301	20.35	3.18	125.00	93.00	74.40%	20	6	26
R18/301	BEDROOM	W20/301	14.46	1.60	111.40	63.50	57.00%	9	0	9
R19/301	BEDROOM	W21/301	18.55	1.78	113.40	79.20	69.84%	15	8	23
R20/301	BEDROOM	W22/301	22.69	3.33	127.90	99.70	77.95%	19	8	27
R21/301	LD	W23/301	13.36	2.54	215.90	161.40	74.76%	6	11	17
2nd Floor										
R1/302	LD	W1/302	17.12	2.73	238.20	235.50	98.87%	N/A	N/A	N/A
R2/302	BEDROOM	W2/302	20.16	3.68	102.20	99.20	97.06%	N/A	N/A	N/A
R3/302	BEDROOM	W3/302	38.21	2.63	134.90	132.10	97.92%	N/A	N/A	N/A
R4/302	BEDROOM	W4/302	38.71	3.09	114.30	111.00	97.11%	N/A	N/A	N/A
R5/302	LD	W5/302	18.62	2.98	149.70	149.00	99.53%	N/A	N/A	N/A
R6/302	STUDIO	W6/302	19.71	3.40	183.90	183.40	99.73%	N/A	N/A	N/A
R7/302	LD	W7/302	19.82	2.81	233.10	232.70	99.83%	N/A	N/A	N/A
R8/302	LD	W8/302	19.82	2.80	233.60	230.70	98.76%	N/A	N/A	N/A
R9/302	STUDIO	W9/302	19.50	3.37	183.90	183.40	99.73%	N/A	N/A	N/A
R10/302	LD	W10/302	18.47	2.96	150.10	149.40	99.53%	N/A	N/A	N/A
R11/302	BEDROOM	W11/302	38.59	3.08	113.90	111.60	97.98%	N/A	N/A	N/A
R12/302	LKD	W12/302	19.67	2.64	337.80	333.30	98.67%	N/A	N/A	N/A
		W13/302	17.34					N/A	N/A	N/A
R13/302	BEDROOM	W14/302	14.39	3.99	125.50	117.90	93.94%	0	0	0
		W15/302	21.05					20	4	24
R14/302	BEDROOM	W16/302	16.62	1.72	111.50	90.40	81.08%	12	0	12
R15/302	BEDROOM	W17/302	17.98	1.79	112.60	77.70	69.01%	14	7	21
R16/302	BEDROOM	W18/302	23.53	3.57	126.40	105.50	83.47%	26	8	34
R17/302	BEDROOM	W19/302	22.64	3.45	125.00	101.40	81.12%	21	8	29
R18/302	BEDROOM	W20/302	16.38	1.76	111.40	75.10	67.41%	10	0	10
R19/302	BEDROOM	W21/302	20.26	1.91	113.40	89.40	78.84%	17	9	26
R20/302	BEDROOM	W22/302	25.03	3.59	127.90	110.70	86.55%	22	9	31
R21/302	LD	W23/302	15.59	2.95	215.90	188.60	87.36%	10	13	23
3rd Floor										
R1/303	LD	W1/303	17.72	2.79	238.20	235.50	98.87%	N/A	N/A	N/A
R2/303	BEDROOM	W2/303	20.73	3.74	102.20	99.40	97.26%	N/A	N/A	N/A
R3/303	BEDROOM	W3/303	39.01	2.66	134.90	132.10	97.92%	N/A	N/A	N/A
R4/303	BEDROOM	W4/303	39.37	3.13	114.30	111.00	97.11%	N/A	N/A	N/A
R5/303	LD	W5/303	19.25	3.07	149.70	149.00	99.53%	N/A	N/A	N/A
R6/303	STUDIO	W6/303	20.32	3.49	183.90	183.40	99.73%	N/A	N/A	N/A
R7/303	LD	W7/303	20.51	2.89	233.10	232.70	99.83%	N/A	N/A	N/A
R8/303	LD	W8/303	20.52	2.89	233.60	230.70	98.76%	N/A	N/A	N/A
R9/303	STUDIO	W9/303	20.31	3.49	183.90	183.40	99.73%	N/A	N/A	N/A
R10/303	LD	W10/303	19.25	3.06	150.10	149.40	99.53%	N/A	N/A	N/A
R11/303	BEDROOM	W11/303	39.42	3.14	113.90	111.60	97.98%	N/A	N/A	N/A
R12/303	LKD	W12/303	20.50	2.89	337.80	333.30	98.67%	N/A	N/A	N/A
		W13/303	21.82					N/A	N/A	N/A
R13/303	BEDROOM	W14/303	18.66	4.72	125.50	120.90	96.33%	0	0	0
		W15/303	23.72					23	7	30
R14/303	BEDROOM	W16/303	18.71	1.86	111.50	99.00	88.79%	14	0	14
R15/303	BEDROOM	W17/303	20.04	1.95	112.60	93.10	82.68%	17	8	25
R16/303	BEDROOM	W18/303	26.02	3.82	126.40	114.10	90.27%	27	9	36
R17/303	BEDROOM	W19/303	25.27	3.73	125.00	111.40	89.12%	25	8	33
R18/303	BEDROOM	W20/303	18.56	1.93	111.40	93.80	84.20%	15	0	15
R19/303	BEDROOM	W21/303	22.09	2.04	113.40	100.70	88.80%	18	9	27
R20/303	BEDROOM	W22/303	27.78	3.85	127.90	123.00	96.17%	25	9	34
R21/303	LD	W23/303	17.86	3.36	215.90	203.80	94.40%	11	14	25

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
4th Floor										
R1/304	LD	W1/304	29.78	4.00	238.20	236.70	99.37%	N/A	N/A	N/A
R2/304	BEDROOM	W2/304	33.18	5.29	102.20	100.70	98.53%	N/A	N/A	N/A
R3/304	BEDROOM	W3/304	39.41	2.66	134.90	132.10	97.92%	N/A	N/A	N/A
R4/304	BEDROOM	W4/304	39.54	3.13	114.30	111.00	97.11%	N/A	N/A	N/A
R5/304	LD	W5/304	19.27	3.07	149.70	149.00	99.53%	N/A	N/A	N/A
R6/304	STUDIO	W6/304	20.34	3.49	183.90	183.40	99.73%	N/A	N/A	N/A
R7/304	LD	W7/304	20.55	2.90	233.10	232.70	99.83%	N/A	N/A	N/A
R8/304	LD	W8/304	20.56	2.89	233.60	230.70	98.76%	N/A	N/A	N/A
R9/304	STUDIO	W9/304	20.34	3.49	183.90	183.40	99.73%	N/A	N/A	N/A
R10/304	LD	W10/304	19.28	3.07	150.10	149.40	99.53%	N/A	N/A	N/A
R11/304	BEDROOM	W11/304	39.55	3.14	113.90	111.60	97.98%	N/A	N/A	N/A
R12/304	LKD	W12/304	19.19	2.88	337.80	333.30	98.67%	N/A	N/A	N/A
		W13/304	27.60					N/A	N/A	N/A
R13/304	BEDROOM	W14/304	24.25	5.50	125.50	122.80	97.85%	0	0	0
		W15/304	26.97					24	10	34
R15/304	BEDROOM	W17/304	22.48	2.12	112.60	104.80	93.07%	19	9	28
R16/304	BEDROOM	W18/304	29.00	4.09	126.40	123.70	97.86%	29	10	39
R17/304	BEDROOM	W19/304	28.39	4.03	125.00	122.70	98.16%	28	9	37
R18/304	BEDROOM	W20/304	21.13	2.10	111.40	103.10	92.55%	18	0	18
R19/304	BEDROOM	W21/304	24.15	2.17	113.40	105.30	92.86%	19	11	30
R20/304	BEDROOM	W22/304	30.79	4.13	127.90	125.60	98.20%	26	11	37
R21/304	LD	W23/304	32.77	5.41	215.90	215.50	99.81%	27	16	43
5th Floor										
R1/305	BEDROOM	W1/305	27.25	2.67	118.30	112.50	95.10%	19	11	30
R2/305	BEDROOM	W2/305	33.69	4.54	125.00	123.10	98.48%	30	12	42
R3/305	LD	W3/305	38.33	4.05	233.30	232.00	99.44%	N/A	N/A	N/A
R4/305	BEDROOM	W4/305	38.38	3.64	139.90	138.10	98.71%	N/A	N/A	N/A
R5/305	BEDROOM	W5/305	38.39	7.56	106.30	105.90	99.62%	N/A	N/A	N/A
R6/305	LD	W6/305	38.18	5.17	231.60	231.30	99.87%	N/A	N/A	N/A
R7/305	LKD	W7/305	36.38	4.85	233.90	233.60	99.87%	N/A	N/A	N/A
R8/305	LD	W8/305	36.40	4.87	233.10	232.80	99.87%	N/A	N/A	N/A
R9/305	LD	W9/305	38.22	5.18	231.40	231.10	99.87%	N/A	N/A	N/A
R10/305	BEDROOM	W10/305	38.40	7.56	106.30	105.90	99.62%	N/A	N/A	N/A
R11/305	BEDROOM	W11/305	38.44	6.02	139.60	137.00	98.14%	N/A	N/A	N/A
		W12/305	33.13					N/A	N/A	N/A
R12/305	BEDROOM	W13/305	26.58	2.36	112.60	106.60	94.67%	19	11	30
R13/305	BEDROOM	W14/305	32.59	4.43	126.40	124.80	98.73%	31	12	43
R14/305	BEDROOM	W15/305	32.13	4.41	125.00	123.40	98.72%	30	11	41
R15/305	BEDROOM	W16/305	25.40	2.34	111.40	105.10	94.34%	21	2	23
Gnd Floor										
R1/320	BEDROOM	W1/320	18.19	1.75	113.40	100.60	88.71%	18	5	23
R2/320	BEDROOM	W2/320	21.98	3.17	127.90	120.90	94.53%	23	4	27
R3/320	LKD	W3/320	12.86	1.96	315.90	296.30	93.80%	14	1	15
		W4/320	14.06					9	0	9
R4/320	LKD	W5/320	18.74	2.83	339.40	338.50	99.73%	12	2	14
		W6/320	21.76					14	3	17
R5/320	BEDROOM	W7/320	19.09	3.39	102.20	100.30	98.14%	N/A	N/A	N/A
R6/320	BEDROOM	W8/320	35.02	2.26	134.30	131.50	97.92%	N/A	N/A	N/A
R7/320	BEDROOM	W9/320	35.03	2.65	114.30	111.90	97.90%	N/A	N/A	N/A
R8/320	LD	W10/320	18.07	2.82	149.80	149.30	99.67%	N/A	N/A	N/A
R9/320	STUDIO	W11/320	20.01	3.36	183.90	183.20	99.62%	N/A	N/A	N/A
R10/320	LD	W12/320	18.75	2.66	229.60	227.50	99.09%	N/A	N/A	N/A
R11/320	BEDROOM	W13/320	15.83	2.66	123.60	91.50	74.03%	18	7	25
R12/320	BEDROOM	W14/320	14.22	1.52	110.80	79.80	72.02%	10	0	10

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
1st Floor										
R1/321	BEDROOM	W3/321	19.97	2.05	113.40	102.90	90.74%	18	7	25
R2/321	BEDROOM	W4/321	24.04	3.71	127.90	123.90	96.87%	26	5	31
R3/321	LKD	W5/321	12.36	2.06	315.90	297.60	94.21%	11	3	14
		W6/321	17.30					11	2	13
R4/321	LKD	W7/321	21.70	2.99	339.40	338.50	99.73%	15	2	17
		W8/321	21.69					12	3	15
R5/321	BEDROOM	W9/321	19.27	3.51	102.20	100.30	98.14%	N/A	N/A	N/A
R6/321	BEDROOM	W10/321	37.49	2.54	134.30	131.50	97.92%	N/A	N/A	N/A
R7/321	BEDROOM	W11/321	37.54	2.97	114.30	111.90	97.90%	N/A	N/A	N/A
R8/321	LKD	W12/321	17.53	2.80	149.80	149.30	99.67%	N/A	N/A	N/A
R9/321	STUDIO	W13/321	18.37	3.19	183.90	183.20	99.62%	N/A	N/A	N/A
R10/321	LKD	W14/321	17.41	2.54	229.60	228.30	99.43%	N/A	N/A	N/A
R11/321	BEDROOM	W1/321	17.17	3.06	123.60	102.10	82.61%	21	8	29
R12/321	BEDROOM	W2/321	15.74	1.82	110.80	89.40	80.69%	12	0	12
2nd Floor										
R1/322	BEDROOM	W3/322	21.65	2.16	113.40	104.80	92.42%	19	9	28
R2/322	BEDROOM	W4/322	26.21	3.95	127.90	124.60	97.42%	26	8	34
R3/322	LKD	W5/322	14.37	2.43	315.90	303.30	96.01%	11	6	17
		W6/322	21.20					18	3	21
R4/322	LKD	W7/322	25.08	3.23	339.40	338.50	99.73%	23	2	25
		W8/322	23.06					12	3	15
R5/322	BEDROOM	W9/322	20.48	3.69	102.20	100.30	98.14%	N/A	N/A	N/A
R6/322	BEDROOM	W10/322	38.85	2.63	134.30	131.50	97.92%	N/A	N/A	N/A
R7/322	BEDROOM	W11/322	38.94	3.08	114.30	111.90	97.90%	N/A	N/A	N/A
R8/322	LKD	W12/322	18.87	3.00	149.80	149.30	99.67%	N/A	N/A	N/A
R9/322	STUDIO	W13/322	19.72	3.40	183.90	183.20	99.62%	N/A	N/A	N/A
R10/322	LKD	W14/322	18.76	2.71	229.60	228.30	99.43%	N/A	N/A	N/A
R11/322	BEDROOM	W1/322	18.55	3.21	123.60	110.10	89.08%	22	10	32
R12/322	BEDROOM	W2/322	17.47	1.95	110.80	97.10	87.64%	15	0	15
3rd Floor										
R1/323	BEDROOM	W3/323	23.42	2.27	113.40	105.80	93.30%	19	11	30
R2/323	BEDROOM	W4/323	28.57	4.19	127.90	124.60	97.42%	27	10	37
R3/323	LKD	W5/323	16.41	2.83	315.90	313.80	99.34%	12	8	20
		W6/323	26.04					23	7	30
R4/323	LKD	W7/323	29.24	3.42	339.40	338.50	99.73%	23	8	31
		W8/323	23.68					12	3	15
R5/323	BEDROOM	W9/323	21.01	3.76	102.20	100.30	98.14%	N/A	N/A	N/A
R6/323	BEDROOM	W10/323	39.49	2.67	134.30	131.50	97.92%	N/A	N/A	N/A
R7/323	BEDROOM	W11/323	39.58	3.13	114.30	111.90	97.90%	N/A	N/A	N/A
R8/323	LKD	W12/323	19.60	3.10	149.80	149.30	99.67%	N/A	N/A	N/A
R9/323	STUDIO	W13/323	20.40	3.50	183.90	183.20	99.62%	N/A	N/A	N/A
R10/323	LKD	W14/323	19.47	2.79	229.60	228.30	99.43%	N/A	N/A	N/A
R11/323	BEDROOM	W1/323	20.24	3.37	123.60	113.80	92.07%	23	10	33
R12/323	BEDROOM	W2/323	19.55	2.08	110.80	101.20	91.34%	15	2	17
4th Floor										
R1/324	BEDROOM	W3/324	25.36	2.38	113.40	106.00	93.47%	19	11	30
R2/324	BEDROOM	W4/324	31.53	4.44	127.90	125.60	98.20%	30	11	41
R3/324	LKD	W5/324	15.54	2.84	315.90	315.20	99.78%	11	8	19
		W6/324	31.75					23	15	38
R4/324	LKD	W7/324	34.00	4.71	339.40	338.70	99.79%	23	15	38
		W8/324	39.38					20	3	23
R5/324	BEDROOM	W9/324	35.10	5.43	102.20	101.10	98.92%	N/A	N/A	N/A
R6/324	BEDROOM	W10/324	39.62	2.67	134.30	131.50	97.92%	N/A	N/A	N/A
R7/324	BEDROOM	W11/324	39.62	3.13	114.30	111.90	97.90%	N/A	N/A	N/A
R8/324	LKD	W12/324	19.67	3.10	149.80	149.30	99.67%	N/A	N/A	N/A
R9/324	STUDIO	W13/324	20.46	3.51	183.90	183.20	99.62%	N/A	N/A	N/A
R10/324	LKD	W14/324	19.54	2.79	229.60	228.30	99.43%	N/A	N/A	N/A
R11/324	BEDROOM	W1/324	23.28	3.61	123.60	118.40	95.79%	24	11	35
R12/324	BEDROOM	W2/324	22.48	2.22	110.80	104.00	93.86%	17	2	19

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
5th Floor										
R1/325	BEDROOM	W1/325	28.12	2.44	118.20	111.60	94.42%	19	11	30
R2/325	BEDROOM	W2/325	34.68	4.71	125.00	123.10	98.48%	30	13	43
R3/325	LD	W3/325	38.64	4.08	233.70	230.10	98.46%	N/A	N/A	N/A
R4/325	BEDROOM	W4/325	37.25	3.57	139.60	137.10	98.21%	N/A	N/A	N/A
R5/325	BEDROOM	W5/325	37.20	7.37	106.30	106.00	99.72%	N/A	N/A	N/A
R6/325	LD	W6/325	37.24	5.07	231.60	231.40	99.91%	N/A	N/A	N/A
R7/325	LKD	W7/325	38.80	5.34	229.60	229.30	99.87%	N/A	N/A	N/A
R8/325	BEDROOM	W8/325	32.89	4.51	124.80	123.30	98.80%	30	11	41
R9/325	BEDROOM	W9/325	26.32	2.45	110.80	105.40	95.13%	22	2	24
Block C										
Gnd Floor										
R1/350	LD	W1/350	22.94	1.97	233.10	186.30	79.92%	0	0	0
		W2/350	3.08					0	0	0
R2/350	BEDROOM	W3/350	9.61	1.75	117.80	105.20	89.30%	N/A	N/A	N/A
R3/350	BEDROOM	W4/350	21.38	2.02	105.10	95.90	91.25%	N/A	N/A	N/A
R4/350	LKD	W5/350	20.42	1.96	288.80	255.50	88.47%	0	0	0
		W6/350	19.26					0	0	0
		W7/350	0.88					0	0	0
R5/350	BEDROOM	W8/350	20.10	1.47	117.90	73.70	62.51%	10	9	19
R6/350	LD	W9/350	24.84	3.78	200.10	193.80	96.85%	8	25	33
R7/350	LD	W10/350	22.71	2.95	200.70	200.10	99.70%	8	17	25
R8/350	BEDROOM	W11/350	24.12	2.89	102.70	100.50	97.86%	7	21	28
R9/350	BEDROOM	W12/350	24.14	2.90	102.70	100.30	97.66%	7	21	28
R10/350		W13/350	22.05	2.62	200.30	199.20	99.45%	4	22	26
R11/350	BEDROOM	W14/350	38.72	2.46	137.00	134.30	98.03%	23	22	45
R12/350	BEDROOM	W15/350	22.61	2.76	107.30	103.60	96.55%	7	16	23
R13/350	LD	W16/350	24.43	3.27	230.30	229.90	99.83%	8	22	30
R14/350	LD	W17/350	23.15	3.08	236.30	233.40	98.77%	7	22	29
R15/350	LD	W18/350	23.68	3.17	235.80	235.30	99.79%	8	18	26
R16/350	LD	W19/350	24.62	3.29	230.30	229.90	99.83%	8	22	30
R17/350	BEDROOM	W20/350	20.94	2.61	107.30	99.80	93.01%	3	20	23
R18/350	BEDROOM	W21/350	39.06	3.29	137.50	135.50	98.55%	27	24	51
R19/350	LKD	W22/350	38.99	3.86	331.80	331.40	99.88%	27	24	51
		W23/350	20.04					13	3	16
R20/350	BEDROOM	W24/350	17.77	2.49	105.50	101.40	96.11%	N/A	N/A	N/A
R21/350	BEDROOM	W25/350	34.24	2.16	139.70	136.90	98.00%	N/A	N/A	N/A
R22/350	LKD	W26/350	34.20	2.74	375.40	369.90	98.53%	N/A	N/A	N/A
		W27/350	18.78					N/A	N/A	N/A
R23/350	BEDROOM	W28/350	18.45	1.36	114.30	74.70	65.35%	N/A	N/A	N/A
R24/350	BEDROOM	W29/350	14.32	0.82	156.20	60.50	38.73%	N/A	N/A	N/A
R25/350	BEDROOM	W30/350	16.58	1.57	112.50	103.90	92.36%	N/A	N/A	N/A
R26/350	BEDROOM	W31/350	19.95	1.59	127.00	106.30	83.70%	N/A	N/A	N/A
R27/350	BEDROOM	W32/350	20.96	2.16	127.00	117.70	92.68%	N/A	N/A	N/A
R28/350	BEDROOM	W33/350	18.33	2.18	112.50	90.30	80.27%	N/A	N/A	N/A
1st Floor										
R1/351	LD	W1/351	26.28	2.75	233.10	210.00	90.09%	0	0	0
		W2/351	3.11					0	0	0
R2/351	BEDROOM	W3/351	9.13	1.70	117.80	105.80	89.81%	N/A	N/A	N/A
R3/351	BEDROOM	W4/351	23.72	2.32	105.10	99.40	94.58%	N/A	N/A	N/A
R4/351	LKD	W5/351	22.88	2.31	288.80	273.60	94.74%	0	0	0
		W6/351	21.71					0	0	0
		W7/351	0.96					0	0	0
R5/351	BEDROOM	W8/351	22.69	1.74	117.90	87.70	74.39%	12	9	21
R6/351	LD	W9/351	23.16	3.67	200.10	193.80	96.85%	4	24	28
R7/351	LD	W10/351	19.77	2.68	200.70	200.10	99.70%	3	16	19
R8/351	BEDROOM	W11/351	21.02	2.70	102.70	100.80	98.15%	3	19	22
R9/351	BEDROOM	W12/351	21.06	2.70	102.70	100.50	97.86%	3	19	22
R10/351	LD	W13/351	19.37	2.41	200.30	199.20	99.45%	1	20	21
R11/351	BEDROOM	W14/351	39.09	2.61	137.00	134.30	98.03%	23	22	45
R12/351	BEDROOM	W15/351	19.72	2.55	107.30	103.60	96.55%	3	15	18
R13/351	LD	W16/351	21.30	2.99	230.30	229.90	99.83%	3	20	23

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R14/351	LD	W17/351	20.23	2.83	236.30	233.40	98.77%	2	20	22
R15/351	LD	W18/351	20.63	2.90	235.80	235.30	99.79%	3	17	20
R16/351	LD	W19/351	21.43	3.01	230.30	229.90	99.83%	3	20	23
R17/351	BEDROOM	W20/351	18.30	2.43	107.30	99.80	93.01%	0	18	18
R18/351	BEDROOM	W21/351	39.34	3.49	137.50	135.50	98.55%	27	24	51
R19/351	LKD	W22/351	39.34	4.01	331.80	331.40	99.88%	27	24	51
		W23/351	20.55					12	3	15
R20/351	BEDROOM	W24/351	18.47	2.62	105.50	101.40	96.11%	N/A	N/A	N/A
R21/351	BEDROOM	W25/351	37.84	2.48	139.70	136.90	98.00%	N/A	N/A	N/A
R22/351	LKD	W26/351	37.84	2.92	375.40	369.90	98.53%	N/A	N/A	N/A
		W27/351	19.68					N/A	N/A	N/A
R23/351	BEDROOM	W28/351	21.72	1.74	114.30	75.00	65.62%	N/A	N/A	N/A
R24/351	BEDROOM	W29/351	18.58	1.20	156.20	68.90	44.11%	N/A	N/A	N/A
R25/351	BEDROOM	W30/351	18.76	1.83	112.50	104.70	93.07%	N/A	N/A	N/A
R26/351	BEDROOM	W31/351	22.67	1.88	127.00	110.70	87.17%	N/A	N/A	N/A
R27/351	BEDROOM	W32/351	23.57	2.53	127.00	120.80	95.12%	N/A	N/A	N/A
R28/351	BEDROOM	W33/351	20.44	2.53	112.50	95.70	85.07%	N/A	N/A	N/A
2nd Floor										
R1/352	LD	W1/352	28.64	3.01	233.10	218.80	93.87%	1	0	1
		W2/352	4.38					1	0	1
R2/352	BEDROOM	W3/352	10.79	2.00	117.80	108.00	91.68%	N/A	N/A	N/A
R3/352	BEDROOM	W4/352	25.93	2.48	105.10	100.40	95.53%	N/A	N/A	N/A
R4/352	LKD	W5/352	25.36	2.63	288.80	278.40	96.40%	0	0	0
		W6/352	24.23					0	0	0
		W7/352	1.69					0	0	0
R5/352	BEDROOM	W8/352	25.31	1.93	117.90	91.50	77.61%	13	10	23
R6/352	LD	W9/352	23.65	3.74	200.10	193.80	96.85%	4	24	28
R7/352	LD	W10/352	20.08	2.71	200.70	200.10	99.70%	3	16	19
R8/352	BEDROOM	W11/352	21.38	2.74	102.70	100.80	98.15%	3	19	22
R9/352	BEDROOM	W12/352	21.39	2.74	102.70	100.50	97.86%	3	19	22
R10/352	LD	W13/352	19.67	2.44	200.30	199.20	99.45%	1	20	21
R11/352	BEDROOM	W14/352	39.36	2.62	137.00	134.30	98.03%	23	22	45
R12/352	BEDROOM	W15/352	19.84	2.56	107.30	103.60	96.55%	3	15	18
R13/352	LD	W16/352	21.51	3.02	230.30	229.90	99.83%	3	20	23
R14/352	LD	W17/352	20.44	2.85	236.30	233.40	98.77%	2	20	22
R15/352	LD	W18/352	20.76	2.91	235.80	235.30	99.79%	3	17	20
R16/352	LD	W19/352	21.58	3.03	230.30	229.90	99.83%	3	20	23
R17/352	BEDROOM	W20/352	18.43	2.44	107.30	99.80	93.01%	0	18	18
R18/352	BEDROOM	W21/352	39.49	3.49	137.50	135.50	98.55%	27	24	51
R19/352	LKD	W22/352	39.50	4.11	331.80	331.40	99.88%	27	24	51
		W23/352	21.66					12	3	15
R20/352	BEDROOM	W24/352	19.53	2.74	105.50	101.40	96.11%	N/A	N/A	N/A
R21/352	BEDROOM	W25/352	39.07	2.56	139.70	136.90	98.00%	N/A	N/A	N/A
R22/352	LKD	W26/352	39.11	3.05	375.40	369.90	98.53%	N/A	N/A	N/A
		W27/352	20.89					N/A	N/A	N/A
R23/352	BEDROOM	W28/352	25.55	2.07	114.30	80.50	70.43%	N/A	N/A	N/A
R24/352	BEDROOM	W29/352	22.29	1.45	156.20	74.00	47.38%	N/A	N/A	N/A
R25/352	BEDROOM	W30/352	21.02	2.00	112.50	105.00	93.33%	N/A	N/A	N/A
R26/352	BEDROOM	W31/352	25.52	2.07	127.00	117.30	92.36%	N/A	N/A	N/A
R27/352	BEDROOM	W32/352	26.21	2.75	127.00	122.10	96.14%	N/A	N/A	N/A
R28/352	BEDROOM	W33/352	22.55	2.74	112.50	104.50	92.89%	N/A	N/A	N/A
3rd Floor										
R1/353	LD	W1/353	31.03	3.28	233.10	227.90	97.77%	2	0	2
		W2/353	6.00					3	0	3
R2/353	BEDROOM	W3/353	12.49	2.27	117.80	110.90	94.14%	N/A	N/A	N/A
R3/353	BEDROOM	W4/353	28.98	2.65	105.10	100.40	95.53%	N/A	N/A	N/A
R4/353	LKD	W5/353	28.00	3.63	288.80	280.90	97.26%	3	0	3
		W6/353	26.96					0	0	0
		W7/353	11.42					8	0	8
R5/353	BEDROOM	W8/353	28.11	2.13	117.90	96.30	81.68%	15	11	26
R6/353	LD	W9/353	35.84	5.17	200.10	194.00	96.95%	31	25	56
R7/353	LD	W10/353	20.33	2.74	200.70	200.10	99.70%	3	16	19

					Daylight Distribution			%Sun		
Room/Floor	Room Use	Window	%VSC	%ADF	Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R8/353	BEDROOM	W11/353	21.66	2.76	102.70	100.80	98.15%	3	19	22
R9/353	BEDROOM	W12/353	21.65	2.76	102.70	100.50	97.86%	3	19	22
R10/353	LD	W13/353	19.90	2.47	200.30	199.20	99.45%	1	20	21
R11/353	BEDROOM	W14/353	39.56	2.63	137.00	134.30	98.03%	23	22	45
R12/353	BEDROOM	W15/353	19.94	2.56	107.30	103.60	96.55%	3	15	18
R13/353	LD	W16/353	21.68	3.04	230.30	229.90	99.83%	3	20	23
R14/353	LD	W17/353	20.60	2.87	236.30	233.40	98.77%	2	20	22
R15/353	LD	W18/353	20.84	2.91	235.80	235.30	99.79%	3	17	20
R16/353	LD	W19/353	21.70	3.04	230.30	229.90	99.83%	3	20	23
R17/353	BEDROOM	W20/353	18.53	2.45	107.30	99.80	93.01%	0	18	18
R18/353	BEDROOM	W21/353	39.59	3.50	137.50	135.50	98.55%	27	24	51
R19/353	LKD	W22/353	39.59	4.15	331.80	331.40	99.88%	27	24	51
		W23/353	22.14					12	3	15
R20/353	BEDROOM	W24/353	19.96	2.78	105.50	101.40	96.11%	N/A	N/A	N/A
R21/353	BEDROOM	W25/353	39.53	2.59	139.70	136.90	98.00%	N/A	N/A	N/A
R22/353	LKD	W26/353	39.58	3.10	375.40	369.90	98.53%	N/A	N/A	N/A
		W27/353	21.41					N/A	N/A	N/A
R23/353	BEDROOM	W28/353	30.18	2.43	114.30	105.50	92.30%	N/A	N/A	N/A
R24/353	BEDROOM	W29/353	26.85	1.74	156.20	99.30	63.57%	N/A	N/A	N/A
R25/353	BEDROOM	W30/353	23.46	2.17	112.50	105.10	93.42%	N/A	N/A	N/A
R26/353	BEDROOM	W31/353	28.62	2.26	127.00	120.20	94.65%	N/A	N/A	N/A
R27/353	BEDROOM	W32/353	29.15	2.97	127.00	122.30	96.30%	N/A	N/A	N/A
R28/353	BEDROOM	W33/353	24.89	2.93	112.50	107.40	95.47%	N/A	N/A	N/A
4th Floor										
R1/354	LD	W1/354	33.41	4.35	233.10	232.00	99.53%	3	0	3
		W2/354	20.10					16	1	17
R2/354	BEDROOM	W3/354	27.05	3.95	117.80	111.20	94.40%	N/A	N/A	N/A
R3/354	BEDROOM	W6/354	39.62	2.64	137.00	134.30	98.03%	23	22	45
R4/354	BEDROOM	W7/354	34.79	4.09	107.30	104.10	97.02%	34	16	50
R5/354	LD	W8/354	39.06	5.14	230.30	230.00	99.87%	45	25	70
R6/354	LD	W9/354	35.80	4.64	236.30	233.40	98.77%	35	25	60
R7/354	LD	W10/354	21.27	2.96	235.80	235.30	99.79%	3	18	21
R8/354	LD	W11/354	21.76	3.05	230.30	229.90	99.83%	3	20	23
R9/354	BEDROOM	W12/354	18.58	2.45	107.30	99.80	93.01%	0	18	18
R10/354	BEDROOM	W13/354	39.62	3.50	137.50	135.50	98.55%	27	24	51
R11/354	LKD	W14/354	39.62	5.40	331.80	331.50	99.91%	27	24	51
		W15/354	39.21					20	3	23
R12/354	BEDROOM	W16/354	35.50	4.12	105.50	101.70	96.40%	N/A	N/A	N/A
R13/354	BEDROOM	W17/354	39.62	2.59	139.70	136.90	98.00%	N/A	N/A	N/A
R14/354	LKD	W18/354	39.62	2.77	375.40	369.90	98.53%	N/A	N/A	N/A
		W19/354	17.25					N/A	N/A	N/A
R15/354	BEDROOM	W20/354	34.03	2.75	114.30	111.00	97.11%	N/A	N/A	N/A
R16/354	BEDROOM	W21/354	30.73	1.98	156.20	152.80	97.82%	N/A	N/A	N/A
R17/354	BEDROOM	W22/354	25.93	2.40	112.50	105.70	93.96%	N/A	N/A	N/A
R18/354	BEDROOM	W23/354	31.83	2.53	127.00	121.50	95.67%	N/A	N/A	N/A
R19/354	BEDROOM	W24/354	32.56	3.32	127.00	124.30	97.87%	N/A	N/A	N/A
R20/354	BEDROOM	W25/354	28.29	3.26	112.50	108.50	96.44%	N/A	N/A	N/A
5th Floor										
R1/355	BEDROOM	W1/355	29.30	2.49	112.40	106.30	94.57%	N/A	N/A	N/A
R2/355	BEDROOM	W2/355	34.88	2.59	127.00	122.20	96.22%	N/A	N/A	N/A
R3/355	LD	W4/355	39.43	5.11	235.80	234.90	99.62%	47	25	72
R4/355	BEDROOM	W5/355	39.42	4.64	101.70	100.20	98.53%	40	23	63
R5/355	BEDROOM	W6/355	39.42	4.97	96.00	95.00	98.96%	40	23	63
R6/355	BEDROOM	W7/355	39.42	4.97	96.00	95.00	98.96%	40	23	63
R7/355	LKD	W8/355	39.43	5.05	368.40	356.40	96.74%	47	25	72
		W9/355	39.31					20	1	21
R8/355	LKD	W10/355	0.00	6.28	268.70	268.70	100.00%	0	0	0
		W11/355	39.43					20	1	21
		W12/355	32.76					0	0	0
R9/355	BEDROOM	W13/355	33.40	2.95	106.80	101.80	95.32%	N/A	N/A	N/A

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
Block D										
Gnd Floor										
R1/360	BEDROOM	W1/360	21.53	3.60	112.70	108.40	96.18%	20	4	24
R2/360	BEDROOM	W2/360	28.94	2.38	128.40	122.20	95.17%	18	3	21
R3/360	LKD	W3/360	5.82	1.59	334.60	319.20	95.40%	2	2	4
		W4/360	13.11					11	0	11
R4/360	LD	W5/360	13.50	2.41	233.80	229.90	98.33%	N/A	N/A	N/A
R5/360	BEDROOM	W6/360	13.58	2.15	105.70	102.80	97.26%	N/A	N/A	N/A
R6/360	BEDROOM	W7/360	27.32	2.04	135.90	119.30	87.79%	N/A	N/A	N/A
R7/360	LD	W8/360	5.90	0.99	224.00	167.10	74.60%	N/A	N/A	N/A
R8/360	LD	W9/360	6.05	1.19	220.00	161.30	73.32%	N/A	N/A	N/A
R9/360	LD	W10/360	5.63	1.11	233.80	152.00	65.01%	N/A	N/A	N/A
R10/360	BEDROOM	W11/360	4.86	1.39	105.70	90.70	85.81%	N/A	N/A	N/A
R11/360	BEDROOM	W12/360	23.94	1.82	135.90	90.00	66.23%	N/A	N/A	N/A
R12/360	LD	W13/360	8.85	1.29	199.40	99.40	49.85%	N/A	N/A	N/A
R13/360	BEDROOM	W14/360	9.08	1.52	103.30	69.60	67.38%	N/A	N/A	N/A
R14/360	BEDROOM	W15/360	6.21	0.95	103.30	62.90	60.89%	N/A	N/A	N/A
R15/360	LD	W16/360	7.50	1.23	199.40	88.50	44.38%	N/A	N/A	N/A
R16/360	LKD	W17/360	6.73	2.25	238.50	170.10	71.32%	N/A	N/A	N/A
		W18/360	15.58					N/A	N/A	N/A
R17/360	BEDROOM	W19/360	18.52	1.55	115.30	49.10	42.58%	N/A	N/A	N/A
R18/360	LKD	W20/360	9.92	4.65	297.40	280.20	94.22%	N/A	N/A	N/A
		W21/360	34.02					N/A	N/A	N/A
		W22/360	34.86					N/A	N/A	N/A
R19/360	BEDROOM	W23/360	34.91	4.68	127.40	123.00	96.55%	N/A	N/A	N/A
R20/360	LD	W24/360	9.95	2.24	202.00	197.30	97.67%	6	2	8
R21/360	BEDROOM	W25/360	28.40	2.69	112.40	106.40	94.66%	17	1	18
R22/360	BEDROOM	W26/360	21.73	2.13	110.60	102.50	92.68%	18	5	23
R23/360	BEDROOM	W27/360	29.05	4.19	126.20	122.40	96.99%	23	6	29
R24/360	BEDROOM	W28/360	29.28	4.18	128.30	124.10	96.73%	21	2	23
R25/360	BEDROOM	W29/360	23.11	2.30	111.40	103.20	92.64%	10	0	10
1st Floor										
R1/361	BEDROOM	W1/361	23.19	3.80	112.70	108.40	96.18%	22	6	28
R2/361	BEDROOM	W2/361	30.80	2.51	128.40	122.20	95.17%	20	5	25
R3/361	LKD	W3/361	6.71	1.47	334.60	325.70	97.34%	2	2	4
		W4/361	12.21					11	1	12
R4/361	LD	W5/361	12.52	2.12	233.80	231.40	98.97%	N/A	N/A	N/A
R5/361	BEDROOM	W6/361	12.63	1.90	105.70	102.80	97.26%	N/A	N/A	N/A
R6/361	BEDROOM	W7/361	29.81	2.24	135.90	130.20	95.81%	N/A	N/A	N/A
R7/361	LD	W8/361	5.26	0.84	224.00	176.40	78.75%	N/A	N/A	N/A
R8/361	LD	W9/361	5.36	0.99	220.00	170.60	77.55%	N/A	N/A	N/A
R9/361	LD	W10/361	5.05	0.91	233.80	163.80	70.06%	N/A	N/A	N/A
R10/361	BEDROOM	W11/361	4.44	1.17	105.70	93.70	88.65%	N/A	N/A	N/A
R11/361	BEDROOM	W12/361	26.76	2.01	135.90	111.60	82.12%	N/A	N/A	N/A
R12/361	LD	W13/361	8.32	1.13	199.40	105.60	52.96%	N/A	N/A	N/A
R13/361	BEDROOM	W14/361	8.48	1.32	103.30	71.90	69.60%	N/A	N/A	N/A
R14/361	BEDROOM	W15/361	5.97	0.83	103.30	66.90	64.76%	N/A	N/A	N/A
R15/361	LKD	W16/361	7.00	1.08	199.40	91.50	45.89%	N/A	N/A	N/A
R16/361	LKD	W17/361	6.36	2.22	238.50	176.80	74.13%	N/A	N/A	N/A
		W18/361	17.88					N/A	N/A	N/A
R17/361	BEDROOM	W19/361	20.11	1.65	115.30	53.50	46.40%	N/A	N/A	N/A
R18/361	LKD	W20/361	9.05	4.63	297.40	280.70	94.38%	N/A	N/A	N/A
		W21/361	34.79					N/A	N/A	N/A
		W22/361	35.67					N/A	N/A	N/A
R19/361	BEDROOM	W23/361	35.78	4.75	127.40	123.10	96.62%	N/A	N/A	N/A
R20/361	LD	W24/361	8.94	2.04	202.00	197.30	97.67%	5	2	7
R21/361	BEDROOM	W25/361	30.33	2.93	112.40	106.90	95.11%	17	2	19
R22/361	BEDROOM	W26/361	23.16	2.32	110.60	102.50	92.68%	20	5	25
R23/361	BEDROOM	W27/361	30.64	4.50	126.20	122.40	96.99%	23	6	29
R24/361	BEDROOM	W28/361	30.71	4.45	128.30	124.20	96.80%	21	3	24
R25/361	BEDROOM	W29/361	24.02	2.46	111.40	103.30	92.73%	10	0	10

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
2nd Floor										
R1/362	BEDROOM	W1/362	24.50	3.95	112.70	108.40	96.18%	22	6	28
R2/362	BEDROOM	W2/362	32.24	2.61	128.40	122.20	95.17%	21	5	26
R3/362	LKD	W3/362	7.89	1.67	334.60	331.50	99.07%	2	2	4
		W4/362	13.98					12	1	13
R4/362	LD	W5/362	14.49	2.48	233.80	231.40	98.97%	N/A	N/A	N/A
R5/362	BEDROOM	W6/362	14.51	2.24	105.70	102.80	97.26%	N/A	N/A	N/A
R6/362	BEDROOM	W7/362	32.06	2.39	135.90	132.80	97.72%	N/A	N/A	N/A
R7/362	LD	W8/362	6.57	1.11	224.00	207.60	92.68%	N/A	N/A	N/A
R8/362	LD	W9/362	6.66	1.33	220.00	203.80	92.64%	N/A	N/A	N/A
R9/362	LD	W10/362	6.37	1.24	233.80	206.30	88.24%	N/A	N/A	N/A
R10/362	BEDROOM	W11/362	6.04	1.69	105.70	104.50	98.86%	N/A	N/A	N/A
R11/362	BEDROOM	W12/362	29.45	2.19	135.90	125.00	91.98%	N/A	N/A	N/A
R12/362	LD	W13/362	10.75	1.43	199.40	160.00	80.24%	N/A	N/A	N/A
R13/362	BEDROOM	W14/362	10.63	1.63	103.30	85.50	82.77%	N/A	N/A	N/A
R14/362	BEDROOM	W15/362	8.45	1.15	103.30	87.50	84.70%	N/A	N/A	N/A
R15/362	LKD	W16/362	9.30	1.32	199.40	125.40	62.89%	N/A	N/A	N/A
R16/362	LKD	W17/362	9.10	2.60	238.50	194.90	81.72%	N/A	N/A	N/A
		W18/362	20.20					N/A	N/A	N/A
R17/362	BEDROOM	W19/362	21.84	1.76	115.30	59.40	51.52%	N/A	N/A	N/A
R18/362	LKD	W20/362	9.08	4.67	297.40	281.20	94.55%	N/A	N/A	N/A
		W21/362	35.48					N/A	N/A	N/A
		W22/362	36.38					N/A	N/A	N/A
R19/362	BEDROOM	W23/362	36.52	4.81	127.40	123.90	97.25%	N/A	N/A	N/A
R20/362	LD	W24/362	9.63	2.17	202.00	197.30	97.67%	6	2	8
R21/362	BEDROOM	W25/362	31.18	3.00	112.40	106.90	95.11%	18	2	20
R22/362	BEDROOM	W26/362	24.23	2.40	110.60	102.50	92.68%	21	5	26
R23/362	BEDROOM	W27/362	31.77	4.63	126.20	122.40	96.99%	24	6	30
R24/362	BEDROOM	W28/362	31.82	4.57	128.30	124.20	96.80%	22	3	25
R25/362	BEDROOM	W29/362	24.77	2.52	111.40	103.30	92.73%	11	0	11
3rd Floor										
R1/363	BEDROOM	W1/363	25.77	4.11	112.70	108.40	96.18%	23	6	29
R2/363	BEDROOM	W2/363	33.65	2.70	128.40	122.20	95.17%	21	5	26
R3/363	LKD	W3/363	9.87	1.84	334.60	332.20	99.28%	2	2	4
		W4/363	15.65					13	1	14
R4/363	LD	W5/363	16.37	2.81	233.80	231.40	98.97%	N/A	N/A	N/A
R5/363	BEDROOM	W6/363	16.32	2.53	105.70	102.80	97.26%	N/A	N/A	N/A
R6/363	BEDROOM	W7/363	34.24	2.53	135.90	132.80	97.72%	N/A	N/A	N/A
R7/363	LD	W8/363	7.85	1.35	224.00	218.90	97.72%	N/A	N/A	N/A
R8/363	LD	W9/363	7.92	1.61	220.00	218.40	99.27%	N/A	N/A	N/A
R9/363	LD	W10/363	7.76	1.51	233.80	232.60	99.49%	N/A	N/A	N/A
R10/363	BEDROOM	W11/363	7.63	2.16	105.70	104.50	98.86%	N/A	N/A	N/A
R11/363	BEDROOM	W12/363	32.14	2.36	135.90	132.20	97.28%	N/A	N/A	N/A
R12/363	LD	W13/363	13.25	1.84	199.40	191.10	95.84%	N/A	N/A	N/A
R13/363	BEDROOM	W14/363	12.83	2.03	103.30	99.90	96.71%	N/A	N/A	N/A
R14/363	BEDROOM	W15/363	11.10	1.70	103.30	99.90	96.71%	N/A	N/A	N/A
R15/363	LKD	W16/363	11.71	1.74	199.40	165.10	82.80%	N/A	N/A	N/A
R16/363	LKD	W17/363	12.04	3.35	238.50	237.00	99.37%	N/A	N/A	N/A
		W18/363	22.94					N/A	N/A	N/A
R17/363	BEDROOM	W19/363	23.95	1.93	115.30	66.60	57.76%	N/A	N/A	N/A
R18/363	LKD	W20/363	9.14	4.71	297.40	282.10	94.86%	N/A	N/A	N/A
		W21/363	36.21					N/A	N/A	N/A
		W22/363	37.09					N/A	N/A	N/A
R19/363	BEDROOM	W23/363	37.25	4.88	127.40	124.20	97.49%	N/A	N/A	N/A
R20/363	LD	W24/363	10.30	2.29	202.00	197.30	97.67%	7	2	9
R21/363	BEDROOM	W25/363	31.99	3.06	112.40	106.90	95.11%	19	3	22
R22/363	BEDROOM	W26/363	25.28	2.48	110.60	102.50	92.68%	22	6	28
R23/363	BEDROOM	W27/363	32.89	4.76	126.20	122.40	96.99%	25	6	31
R24/363	BEDROOM	W28/363	32.92	4.69	128.30	124.20	96.80%	22	3	25
R25/363	BEDROOM	W29/363	25.51	2.57	111.40	103.30	92.73%	12	0	12

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
4th Floor										
R1/364	BEDROOM	W1/364	26.98	4.25	112.70	108.40	96.18%	24	7	31
R2/364	BEDROOM	W2/364	35.03	2.78	128.40	122.20	95.17%	22	7	29
R3/364	LKD	W3/364	13.67	2.11	334.60	332.20	99.28%	5	2	7
		W4/364	17.14					14	1	15
R4/364	LD	W5/364	18.09	3.09	233.80	231.40	98.97%	N/A	N/A	N/A
R5/364	BEDROOM	W6/364	17.95	2.76	105.70	102.80	97.26%	N/A	N/A	N/A
R6/364	BEDROOM	W7/364	36.20	2.66	135.90	132.80	97.72%	N/A	N/A	N/A
R7/364	LD	W8/364	9.06	1.54	224.00	218.90	97.72%	N/A	N/A	N/A
R8/364	LD	W9/364	9.11	1.83	220.00	218.40	99.27%	N/A	N/A	N/A
R9/364	LD	W10/364	9.09	1.76	233.80	232.60	99.49%	N/A	N/A	N/A
R10/364	BEDROOM	W11/364	9.13	2.58	105.70	104.50	98.86%	N/A	N/A	N/A
R11/364	BEDROOM	W12/364	34.71	2.53	135.90	132.20	97.28%	N/A	N/A	N/A
R12/364	LD	W13/364	15.69	2.22	199.40	198.60	99.60%	N/A	N/A	N/A
R13/364	BEDROOM	W14/364	14.97	2.38	103.30	99.90	96.71%	N/A	N/A	N/A
R14/364	BEDROOM	W15/364	13.74	2.18	103.30	99.90	96.71%	N/A	N/A	N/A
R15/364	LKD	W16/364	14.13	2.11	199.40	198.50	99.55%	N/A	N/A	N/A
R16/364	LKD	W17/364	15.03	4.08	238.50	237.00	99.37%	N/A	N/A	N/A
		W18/364	26.14					N/A	N/A	N/A
R17/364	BEDROOM	W19/364	26.50	2.14	115.30	76.70	66.52%	N/A	N/A	N/A
R18/364	LKD	W20/364	9.24	4.75	297.40	283.40	95.29%	N/A	N/A	N/A
		W21/364	36.99					N/A	N/A	N/A
		W22/364	37.82					N/A	N/A	N/A
R19/364	BEDROOM	W23/364	37.98	4.94	127.40	124.80	97.96%	N/A	N/A	N/A
R20/364	LD	W24/364	10.92	2.40	202.00	197.30	97.67%	7	4	11
R21/364	BEDROOM	W25/364	32.77	3.11	112.40	106.90	95.11%	19	4	23
R22/364	BEDROOM	W26/364	26.32	2.55	110.60	102.50	92.68%	22	7	29
R23/364	BEDROOM	W27/364	34.04	4.87	126.20	122.40	96.99%	25	7	32
R24/364	BEDROOM	W28/364	34.05	4.80	128.30	124.20	96.80%	23	5	28
R25/364	BEDROOM	W29/364	26.25	2.62	111.40	103.30	92.73%	12	0	12
5th Floor										
R1/365	BEDROOM	W1/365	28.13	4.37	112.70	108.40	96.18%	24	7	31
R2/365	BEDROOM	W2/365	36.41	2.86	128.40	122.20	95.17%	22	7	29
R3/365	LKD	W3/365	21.52	2.69	334.60	332.20	99.28%	22	3	25
		W4/365	18.27					14	1	15
R4/365	LD	W5/365	19.47	3.31	233.80	231.40	98.97%	N/A	N/A	N/A
R5/365	BEDROOM	W6/365	19.19	2.92	105.70	102.80	97.26%	N/A	N/A	N/A
R6/365	BEDROOM	W7/365	37.71	2.76	135.90	132.80	97.72%	N/A	N/A	N/A
R7/365	LD	W8/365	10.12	1.69	224.00	218.90	97.72%	N/A	N/A	N/A
R8/365	LD	W9/365	10.16	2.00	220.00	218.40	99.27%	N/A	N/A	N/A
R9/365	LD	W10/365	10.27	1.96	233.80	232.60	99.49%	N/A	N/A	N/A
R10/365	BEDROOM	W11/365	10.45	2.89	105.70	104.50	98.86%	N/A	N/A	N/A
R11/365	BEDROOM	W12/365	36.97	2.68	135.90	132.20	97.28%	N/A	N/A	N/A
R12/365	LD	W13/365	17.95	2.53	199.40	198.60	99.60%	N/A	N/A	N/A
R13/365	BEDROOM	W14/365	16.92	2.66	103.30	99.90	96.71%	N/A	N/A	N/A
R14/365	BEDROOM	W15/365	16.21	2.57	103.30	99.90	96.71%	N/A	N/A	N/A
R15/365	LKD	W16/365	16.38	2.40	199.40	198.50	99.55%	N/A	N/A	N/A
R16/365	LKD	W17/365	17.85	4.74	238.50	237.00	99.37%	N/A	N/A	N/A
		W18/365	29.73					N/A	N/A	N/A
R17/365	BEDROOM	W19/365	29.57	2.39	115.30	87.70	76.06%	N/A	N/A	N/A
R18/365	LKD	W20/365	9.44	4.81	297.40	285.20	95.90%	N/A	N/A	N/A
		W21/365	37.81					N/A	N/A	N/A
		W22/365	38.53					N/A	N/A	N/A
R19/365	BEDROOM	W23/365	38.68	5.00	127.40	125.10	98.19%	N/A	N/A	N/A
R20/365	LD	W24/365	11.47	2.49	202.00	197.30	97.67%	7	4	11
R21/365	BEDROOM	W25/365	33.57	3.16	112.40	106.90	95.11%	19	4	23
R22/365	BEDROOM	W26/365	27.35	2.61	110.60	102.70	92.86%	22	7	29
R23/365	BEDROOM	W27/365	35.28	4.98	126.20	122.70	97.23%	25	7	32
R24/365	BEDROOM	W28/365	35.27	4.91	128.30	124.20	96.80%	23	5	28
R25/365	BEDROOM	W29/365	27.05	2.67	111.40	103.30	92.73%	12	0	12

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
6th Floor										
R1/366	BEDROOM	W1/366	28.86	4.40	112.70	108.60	96.36%	24	7	31
R2/366	BEDROOM	W2/366	37.24	2.87	128.40	122.50	95.40%	22	7	29
R3/366	LKD	W3/366	31.31	3.15	334.60	332.20	99.28%	22	17	39
		W4/366	18.81					14	1	15
R4/366	LD	W5/366	20.18	3.42	233.80	231.40	98.97%	N/A	N/A	N/A
R5/366	BEDROOM	W6/366	19.78	2.99	105.70	102.80	97.26%	N/A	N/A	N/A
R6/366	BEDROOM	W7/366	38.31	2.80	135.90	132.80	97.72%	N/A	N/A	N/A
R7/366	LD	W8/366	10.71	1.75	224.00	218.90	97.72%	N/A	N/A	N/A
R8/366	LD	W9/366	10.74	2.08	220.00	218.40	99.27%	N/A	N/A	N/A
R9/366	LD	W10/366	11.00	2.07	233.80	232.60	99.49%	N/A	N/A	N/A
R10/366	BEDROOM	W11/366	11.36	3.06	105.70	104.50	98.86%	N/A	N/A	N/A
R11/366	BEDROOM	W12/366	38.25	2.76	135.90	132.20	97.28%	N/A	N/A	N/A
R12/366	LD	W13/366	19.61	2.73	199.40	198.60	99.60%	N/A	N/A	N/A
R13/366	BEDROOM	W14/366	18.33	2.83	103.30	99.90	96.71%	N/A	N/A	N/A
R14/366	BEDROOM	W15/366	18.05	2.81	103.30	99.90	96.71%	N/A	N/A	N/A
R15/366	LKD	W16/366	18.09	2.59	199.40	198.50	99.55%	N/A	N/A	N/A
R16/366	LKD	W17/366	19.82	5.22	238.50	237.00	99.37%	N/A	N/A	N/A
		W18/366	33.40					N/A	N/A	N/A
R17/366	BEDROOM	W19/366	33.00	2.66	115.30	107.80	93.50%	N/A	N/A	N/A
R18/366	LKD	W20/366	24.22	5.55	297.40	290.40	97.65%	N/A	N/A	N/A
		W21/366	38.44					N/A	N/A	N/A
		W22/366	38.94					N/A	N/A	N/A
R19/366	BEDROOM	W23/366	39.07	5.02	127.40	125.10	98.19%	N/A	N/A	N/A
R20/366	LD	W24/366	11.62	2.51	202.00	197.30	97.67%	7	4	11
R21/366	BEDROOM	W25/366	34.25	3.17	112.40	106.90	95.11%	19	4	23
R22/366	BEDROOM	W26/366	28.07	2.62	110.60	103.20	93.31%	22	7	29
R23/366	BEDROOM	W27/366	36.34	5.02	126.20	123.80	98.10%	25	7	32
R24/366	BEDROOM	W28/366	36.32	4.94	128.30	125.90	98.13%	24	5	29
R25/366	BEDROOM	W29/366	27.73	2.68	111.40	103.50	92.91%	12	0	12
7th Floor										
R1/367	LKD	W1/367	38.31	5.65	347.90	346.80	99.68%	37	27	64
		W2/367	39.61					27	10	37
R2/367	BEDROOM	W3/367	39.61	5.09	113.60	111.70	98.33%	N/A	N/A	N/A
R3/367	BEDROOM	W4/367	39.61	3.91	130.50	129.40	99.16%	N/A	N/A	N/A
R4/367	LD	W5/367	39.61	4.74	221.40	220.50	99.59%	N/A	N/A	N/A
R5/367	LD	W6/367	39.61	5.64	217.40	217.10	99.86%	N/A	N/A	N/A
R6/367	BEDROOM	W7/367	39.61	4.50	130.10	129.30	99.39%	N/A	N/A	N/A
R7/367	BEDROOM	W8/367	39.61	4.51	112.20	110.00	98.04%	N/A	N/A	N/A
R8/367	LD	W9/367	39.60	5.48	227.90	227.60	99.87%	N/A	N/A	N/A
R9/367	BEDROOM	W10/367	39.60	8.22	106.20	104.60	98.49%	N/A	N/A	N/A
R10/367	BEDROOM	W11/367	39.59	5.83	95.60	94.80	99.16%	N/A	N/A	N/A
R11/367	BEDROOM	W12/367	39.59	5.98	92.60	91.80	99.14%	N/A	N/A	N/A
R12/367	LKD	W13/367	39.58	4.69	370.70	368.90	99.51%	N/A	N/A	N/A
		W14/367	37.44					N/A	N/A	N/A
R13/367	LKD	W15/367	33.61	6.31	274.90	274.70	99.93%	1	0	1
		W16/367	35.71					22	4	26
R14/367	BEDROOM	W17/367	36.13	3.18	112.40	107.70	95.82%	19	4	23
R15/367	BEDROOM	W18/367	30.96	2.81	109.70	104.80	95.53%	22	7	29
R16/367	BEDROOM	W19/367	38.22	3.00	126.20	122.20	96.83%	23	7	30
R17/367	BEDROOM	W20/367	38.21	2.96	128.30	124.30	96.88%	23	6	29
R18/367	BEDROOM	W21/367	30.58	2.75	111.40	105.60	94.79%	16	0	16
Block E										
Gnd Floor										
R1/370	BEDROOM	W1/370	20.06	2.01	103.10	84.30	81.77%	12	2	14
R2/370	LD	W2/370	8.03	1.64	216.40	137.20	63.40%	2	0	2
R3/370	BEDROOM	W3/370	25.59	1.99	117.40	84.60	72.06%	10	3	13
R4/370	LD	W4/370	7.54	1.28	206.10	116.70	56.62%	2	0	2
R5/370	LKD	W5/370	34.11	4.39	281.60	281.60	100.00%	23	22	45
		W6/370	21.59					17	1	18
R6/370	BEDROOM	W7/370	22.68	3.47	100.40	99.20	98.80%	N/A	N/A	N/A
R7/370	BEDROOM	W8/370	22.21	3.41	100.40	98.70	98.31%	N/A	N/A	N/A

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R8/370	LD	W9/370	20.02	3.26	202.90	202.70	99.90%	N/A	N/A	N/A
R9/370	BEDROOM	W10/370	31.75	2.29	133.10	122.50	92.04%	N/A	N/A	N/A
R10/370	BEDROOM	W11/370	17.01	2.75	101.50	97.60	96.16%	N/A	N/A	N/A
R11/370	LD	W12/370	18.25	3.25	234.30	233.30	99.57%	N/A	N/A	N/A
R12/370	LD	W13/370	17.73	3.26	228.00	222.00	97.37%	N/A	N/A	N/A
R13/370	LD	W14/370	16.37	3.05	228.00	205.20	90.00%	N/A	N/A	N/A
R14/370	BEDROOM	W15/370	28.88	2.08	133.10	101.30	76.11%	N/A	N/A	N/A
R15/370	BEDROOM	W16/370	15.50	2.56	101.50	98.10	96.65%	N/A	N/A	N/A
R16/370	LD	W17/370	17.85	3.15	234.30	216.40	92.36%	N/A	N/A	N/A
R17/370	LKD	W18/370	16.98	2.62	328.70	316.00	96.14%	N/A	N/A	N/A
		W19/370	5.76					N/A	N/A	N/A
R18/370	BEDROOM	W20/370	11.76	3.47	126.60	121.20	95.73%	0	0	0
		W21/370	27.88					17	1	18
R19/370	BEDROOM	W22/370	21.95	3.50	114.60	109.90	95.90%	8	0	8
R20/370	BEDROOM	W23/370	18.95	1.90	113.40	97.40	85.89%	16	2	18
R21/370	BEDROOM	W24/370	24.02	3.45	127.40	118.60	93.09%	17	2	19
R22/370	BEDROOM	W25/370	24.19	3.48	127.50	115.60	90.67%	15	1	16
R23/370	BEDROOM	W26/370	20.17	1.99	113.40	98.20	86.60%	7	0	7
1st Floor										
R1/371	BEDROOM	W1/371	24.65	2.50	103.10	95.80	92.92%	15	3	18
R2/371	LD	W2/371	8.22	1.67	216.40	152.80	70.61%	4	0	4
R3/371	BEDROOM	W3/371	28.58	2.35	117.40	105.40	89.78%	15	3	18
R4/371	LD	W4/371	7.87	3.38	206.10	204.00	98.98%	4	0	4
		W5/371	36.41					21	24	45
R5/371	LKD	W6/371	37.10	4.36	281.60	281.60	100.00%	23	27	50
		W7/371	17.92					15	1	16
R6/371	BEDROOM	W8/371	18.63	3.15	100.40	99.20	98.80%	N/A	N/A	N/A
R7/371	BEDROOM	W9/371	18.20	3.09	100.40	98.80	98.41%	N/A	N/A	N/A
R8/371	LD	W10/371	16.75	2.96	202.90	202.70	99.90%	N/A	N/A	N/A
R9/371	BEDROOM	W11/371	33.83	2.57	133.10	127.30	95.64%	N/A	N/A	N/A
R10/371	BEDROOM	W12/371	16.38	2.78	101.50	99.20	97.73%	N/A	N/A	N/A
R11/371	LD	W13/371	17.76	3.23	234.30	233.30	99.57%	N/A	N/A	N/A
R12/371	LD	W14/371	17.35	3.25	228.00	222.80	97.72%	N/A	N/A	N/A
R13/371	LD	W15/371	16.17	3.00	228.00	213.60	93.68%	N/A	N/A	N/A
R14/371	BEDROOM	W16/371	31.46	2.38	133.10	123.20	92.56%	N/A	N/A	N/A
R15/371	BEDROOM	W17/371	12.67	2.28	101.50	99.20	97.73%	N/A	N/A	N/A
R16/371	LD	W18/371	14.25	2.73	234.30	225.10	96.07%	N/A	N/A	N/A
R17/371	LKD	W19/371	13.74	2.36	328.70	321.30	97.75%	N/A	N/A	N/A
		W20/371	6.41					N/A	N/A	N/A
R18/371	BEDROOM	W21/371	12.44	3.75	126.60	120.10	94.87%	0	0	0
		W22/371	29.66					19	1	20
R19/371	BEDROOM	W23/371	23.32	3.87	114.60	109.90	95.90%	9	0	9
R20/371	BEDROOM	W24/371	21.09	2.18	113.40	106.50	93.92%	19	2	21
R21/371	BEDROOM	W25/371	26.65	3.96	127.40	123.80	97.17%	21	2	23
R22/371	BEDROOM	W26/371	26.54	3.95	127.50	123.70	97.02%	18	1	19
R23/371	BEDROOM	W27/371	21.88	2.24	113.40	106.60	94.00%	9	0	9
2nd Floor										
R1/372	BEDROOM	W1/372	27.23	2.74	103.10	98.20	95.25%	18	3	21
R2/372	LD	W2/372	10.41	2.23	216.40	206.60	95.47%	7	1	8
R3/372	BEDROOM	W3/372	31.36	2.58	117.40	114.00	97.10%	17	4	21
R4/372	LD	W4/372	10.23	3.99	206.10	205.20	99.56%	5	2	7
		W5/372	37.92					21	24	45
R5/372	LKD	W6/372	38.49	4.53	281.60	281.60	100.00%	23	28	51
		W7/372	18.97					15	1	16
R6/372	BEDROOM	W8/372	19.96	3.33	100.40	99.20	98.80%	N/A	N/A	N/A
R7/372	BEDROOM	W9/372	19.60	3.28	100.40	98.80	98.41%	N/A	N/A	N/A
R8/372	LD	W10/372	18.17	3.17	202.90	202.70	99.90%	N/A	N/A	N/A
R9/372	BEDROOM	W11/372	35.76	2.70	133.10	130.30	97.90%	N/A	N/A	N/A
R10/372	BEDROOM	W12/372	18.28	3.06	101.50	99.20	97.73%	N/A	N/A	N/A
R11/372	LD	W13/372	19.88	3.57	234.30	234.10	99.91%	N/A	N/A	N/A
R12/372	LD	W14/372	19.58	3.62	228.00	227.90	99.96%	N/A	N/A	N/A
R13/372	LD	W15/372	18.34	3.35	228.00	227.80	99.91%	N/A	N/A	N/A

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R14/372	BEDROOM	W16/372	33.89	2.56	133.10	130.70	98.20%	N/A	N/A	N/A
R15/372	BEDROOM	W17/372	14.88	2.65	101.50	99.30	97.83%	N/A	N/A	N/A
R16/372	LD	W18/372	16.45	3.11	234.30	231.90	98.98%	N/A	N/A	N/A
R17/372	LKD	W19/372	15.72	2.64	328.70	327.40	99.60%	N/A	N/A	N/A
		W20/372	7.24					N/A	N/A	N/A
R18/372	BEDROOM	W21/372	13.12	3.87	126.60	120.10	94.87%	0	0	0
		W22/372	31.21					20	3	23
R19/372	BEDROOM	W23/372	24.41	4.01	114.60	109.90	95.90%	10	0	10
R20/372	BEDROOM	W24/372	22.85	2.32	113.40	106.50	93.92%	20	5	25
R21/372	BEDROOM	W25/372	28.68	4.20	127.40	123.80	97.17%	22	4	26
R22/372	BEDROOM	W26/372	28.55	4.18	127.50	123.80	97.10%	20	2	22
R23/372	BEDROOM	W27/372	23.40	2.37	113.40	106.60	94.00%	11	0	11
3rd Floor										
R1/373	BEDROOM	W1/373	29.75	2.97	103.10	98.20	95.25%	20	5	25
R2/373	LD	W2/373	9.07	1.91	216.40	214.70	99.21%	6	2	8
R3/373	BEDROOM	W3/373	34.09	2.80	117.40	114.10	97.19%	20	5	25
R4/373	LD	W4/373	9.07	3.80	206.10	205.20	99.56%	6	3	9
		W5/373	38.98					21	26	47
R5/373	LKD	W6/373	39.29	4.39	281.60	281.60	100.00%	23	28	51
		W7/373	18.55					14	1	15
R6/373	BEDROOM	W8/373	19.82	3.11	100.40	99.20	98.80%	N/A	N/A	N/A
R7/373	BEDROOM	W9/373	19.93	3.19	100.40	98.80	98.41%	N/A	N/A	N/A
R8/373	LD	W10/373	19.36	3.32	202.90	202.70	99.90%	N/A	N/A	N/A
R9/373	BEDROOM	W11/373	37.45	2.81	133.10	130.30	97.90%	N/A	N/A	N/A
R10/373	BEDROOM	W12/373	20.02	3.30	101.50	99.20	97.73%	N/A	N/A	N/A
R11/373	LD	W13/373	21.82	3.86	234.30	234.10	99.91%	N/A	N/A	N/A
R12/373	LD	W14/373	21.63	3.94	228.00	227.90	99.96%	N/A	N/A	N/A
R13/373	LD	W15/373	20.34	3.65	228.00	227.80	99.91%	N/A	N/A	N/A
R14/373	BEDROOM	W16/373	36.15	2.71	133.10	130.70	98.20%	N/A	N/A	N/A
R15/373	BEDROOM	W17/373	16.95	2.96	101.50	99.30	97.83%	N/A	N/A	N/A
R16/373	LD	W18/373	18.52	3.45	234.30	231.90	98.98%	N/A	N/A	N/A
R17/373	LKD	W19/373	17.58	2.88	328.70	328.10	99.82%	N/A	N/A	N/A
		W20/373	8.54					N/A	N/A	N/A
R18/373	BEDROOM	W21/373	14.19	3.98	126.60	120.10	94.87%	0	0	0
		W22/373	32.73					21	3	24
R19/373	BEDROOM	W23/373	25.52	4.14	114.60	109.90	95.90%	12	0	12
R20/373	BEDROOM	W24/373	24.59	2.46	113.40	106.50	93.92%	21	5	26
R21/373	BEDROOM	W25/373	30.71	4.43	127.40	123.80	97.17%	22	5	27
R22/373	BEDROOM	W26/373	30.58	4.42	127.50	123.80	97.10%	20	3	23
R23/373	BEDROOM	W27/373	24.93	2.49	113.40	106.60	94.00%	11	0	11
4th Floor										
R1/374	BEDROOM	W1/374	27.30	3.15	128.20	124.30	96.96%	21	5	26
R2/374	BEDROOM	W2/374	33.87	3.48	136.70	132.50	96.93%	22	5	27
R3/374	LD	W3/374	19.18	3.01	227.40	226.20	99.47%	N/A	N/A	N/A
R4/374	BEDROOM	W4/374	38.54	2.88	133.10	131.00	98.42%	N/A	N/A	N/A
R5/374	BEDROOM	W5/374	21.27	3.46	101.50	99.20	97.73%	N/A	N/A	N/A
R6/374	LD	W6/374	23.25	4.06	234.30	234.10	99.91%	N/A	N/A	N/A
R7/374	LD	W7/374	23.21	4.17	228.00	227.90	99.96%	N/A	N/A	N/A
R8/374	LD	W8/374	21.93	3.95	228.00	227.90	99.96%	N/A	N/A	N/A
R9/374	BEDROOM	W9/374	37.94	2.84	133.10	130.70	98.20%	N/A	N/A	N/A
R10/374	BEDROOM	W10/374	18.73	3.20	101.50	99.30	97.83%	N/A	N/A	N/A
R11/374	LD	W11/374	20.36	3.72	234.30	231.90	98.98%	N/A	N/A	N/A
R12/374	LKD	W12/374	19.35	2.99	328.70	328.60	99.97%	N/A	N/A	N/A
		W13/374	10.92					N/A	N/A	N/A
R13/374	BEDROOM	W15/374	34.23	2.87	126.60	120.10	94.87%	22	3	25
R14/374	BEDROOM	W16/374	26.54	4.26	114.60	109.90	95.90%	13	0	13
R15/374	BEDROOM	W17/374	26.24	2.59	113.40	106.50	93.92%	22	5	27
R16/374	BEDROOM	W18/374	32.95	2.82	127.40	121.00	94.98%	23	5	28
R17/374	BEDROOM	W19/374	32.87	2.81	127.50	120.80	94.75%	22	3	25
R18/374	BEDROOM	W20/374	26.43	2.60	113.40	106.60	94.00%	13	0	13

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
5th Floor										
R1/375	BEDROOM	W1/375	29.05	3.31	128.20	124.30	96.96%	22	7	29
R2/375	BEDROOM	W2/375	35.89	3.65	136.70	132.50	96.93%	23	7	30
R3/375	LD	W3/375	19.57	3.05	227.40	226.20	99.47%	N/A	N/A	N/A
R4/375	BEDROOM	W4/375	39.16	2.92	133.10	131.00	98.42%	N/A	N/A	N/A
R5/375	BEDROOM	W5/375	21.91	3.55	101.50	99.20	97.73%	N/A	N/A	N/A
R6/375	LD	W6/375	23.95	4.16	234.30	234.10	99.91%	N/A	N/A	N/A
R7/375	LD	W7/375	23.97	4.29	228.00	227.90	99.96%	N/A	N/A	N/A
R9/375	BEDROOM	W9/375	38.91	2.90	133.10	130.70	98.20%	N/A	N/A	N/A
R10/375	BEDROOM	W10/375	19.74	3.34	101.50	99.30	97.83%	N/A	N/A	N/A
R11/375	LD	W11/375	21.47	3.89	234.30	231.90	98.98%	N/A	N/A	N/A
R12/375	LKD	W12/375	20.39	3.43	328.70	328.60	99.97%	N/A	N/A	N/A
		W13/375	15.78					N/A	N/A	N/A
R13/375	BEDROOM	W15/375	35.72	2.96	126.60	120.10	94.87%	22	5	27
R14/375	BEDROOM	W16/375	27.53	4.37	114.60	109.90	95.90%	13	1	14
R15/375	BEDROOM	W17/375	27.82	2.70	113.40	106.50	93.92%	22	7	29
R	LD	W8/375	22.68	4.05	0.00	0.00	#NAME?	N/A	N/A	N/A
R16/375	BEDROOM	W18/375	34.92	2.94	127.40	121.00	94.98%	23	7	30
R17/375	BEDROOM	W19/375	34.89	2.94	127.50	120.80	94.75%	22	5	27
R18/375	BEDROOM	W20/375	27.88	2.70	113.40	106.60	94.00%	14	1	15
6th Floor										
R1/376	BEDROOM	W1/376	30.07	3.37	128.20	124.50	97.11%	22	7	29
R2/376	BEDROOM	W2/376	37.12	3.73	136.70	132.70	97.07%	23	7	30
R3/376	LKD	W3/376	18.97	2.81	227.40	226.20	99.47%	N/A	N/A	N/A
R4/376	BEDROOM	W4/376	39.58	2.93	133.10	131.00	98.42%	N/A	N/A	N/A
R5/376	BEDROOM	W5/376	22.30	3.59	101.50	99.20	97.73%	N/A	N/A	N/A
R6/376	LD	W6/376	24.36	4.22	234.30	234.10	99.91%	N/A	N/A	N/A
R7/376	LD	W7/376	24.41	4.35	228.00	227.90	99.96%	N/A	N/A	N/A
R8/376	LD	W8/376	23.05	4.10	228.00	227.90	99.96%	N/A	N/A	N/A
R9/376	BEDROOM	W9/376	39.52	2.93	133.10	130.70	98.20%	N/A	N/A	N/A
R10/376	BEDROOM	W10/376	19.57	3.12	101.50	99.30	97.83%	N/A	N/A	N/A
R11/376	LD	W11/376	21.30	3.64	234.30	231.90	98.98%	N/A	N/A	N/A
R12/376	LKD	W12/376	20.15	3.76	328.70	328.60	99.97%	N/A	N/A	N/A
		W13/376	25.37					N/A	N/A	N/A
R13/376	BEDROOM	W14/376	27.92	5.22	126.60	121.70	96.13%	0	0	0
		W15/376	36.86					22	5	27
R14/376	BEDROOM	W16/376	28.36	4.43	114.60	110.10	96.07%	13	1	14
R15/376	BEDROOM	W17/376	28.93	2.75	113.40	106.80	94.18%	22	7	29
R16/376	BEDROOM	W18/376	36.41	2.99	127.40	121.90	95.68%	23	7	30
R17/376	BEDROOM	W19/376	36.41	2.99	127.50	121.80	95.53%	22	5	27
R18/376	BEDROOM	W20/376	28.92	2.75	113.40	106.80	94.18%	14	1	15
7th Floor										
R1/377	BEDROOM	W1/377	36.87	9.71	138.50	138.50	100.00%	28	28	56
		W2/377	37.89					25	10	35
R2/377	BEDROOM	W3/377	37.80	5.73	101.50	99.90	98.42%	N/A	N/A	N/A
R3/377	LD	W4/377	37.80	6.36	234.30	234.20	99.96%	N/A	N/A	N/A
R4/377	LD	W5/377	37.79	6.53	228.40	226.30	99.08%	N/A	N/A	N/A
R5/377	LD	W6/377	37.79	6.52	228.00	227.90	99.96%	N/A	N/A	N/A
R6/377	BEDROOM	W7/377	37.79	4.29	138.50	137.40	99.21%	N/A	N/A	N/A
R7/377	BEDROOM	W8/377	37.80	5.63	101.50	100.40	98.92%	N/A	N/A	N/A
R8/377		W9/377	37.84	5.76	349.50	349.40	99.97%	N/A	N/A	N/A
		W10/377	33.85					N/A	N/A	N/A
R9/377	BEDROOM	W11/377	30.56	4.80	113.40	111.10	97.97%	25	7	32
R10/377	BEDROOM	W12/377	37.75	3.14	127.40	124.30	97.57%	24	7	31
R11/377	BEDROOM	W13/377	37.75	3.13	127.50	124.40	97.57%	24	6	30
R12/377	BEDROOM	W14/377	30.34	4.80	113.40	111.20	98.06%	16	1	17

Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
Block F										
Gnd Floor										
R1/380	BEDROOM	W1/380	33.15	4.24	126.30	123.40	97.70%	34	17	51
R2/380	LKD	W2/380	34.51	3.89	290.50	269.60	92.81%	22	16	38
		W3/380	33.85					34	18	52
		W4/380	10.09					5	12	17
R3/380	BEDROOM	W5/380	10.38	1.43	117.20	45.70	38.99%	3	9	12
R4/380	LD	W6/380	15.88	2.67	191.60	187.80	98.02%	N/A	N/A	N/A
R5/380	LKD	W7/380	16.31	2.77	201.10	178.60	88.81%	N/A	N/A	N/A
R6/380	BEDROOM	W8/380	17.77	2.70	100.80	98.60	97.82%	N/A	N/A	N/A
R7/380	BEDROOM	W9/380	17.88	2.72	100.90	97.20	96.33%	N/A	N/A	N/A
R8/380	LD	W10/380	15.82	2.57	201.10	180.30	89.66%	N/A	N/A	N/A
R9/380	BEDROOM	W11/380	29.58	1.19	135.00	97.70	72.37%	N/A	N/A	N/A
R10/380	BEDROOM	W12/380	17.94	2.15	105.80	100.70	95.18%	N/A	N/A	N/A
R11/380	LD	W13/380	19.05	3.03	231.70	213.90	92.32%	N/A	N/A	N/A
R12/380	LD	W14/380	17.28	3.08	225.70	215.30	95.39%	N/A	N/A	N/A
R13/380	LD	W15/380	18.78	3.40	226.10	220.90	97.70%	N/A	N/A	N/A
R14/380	STUDIO	W16/380	20.29	3.85	185.70	185.30	99.78%	N/A	N/A	N/A
R15/380	LD	W17/380	17.70	2.81	153.50	152.00	99.02%	N/A	N/A	N/A
R16/380	BEDROOM	W18/380	32.29	1.54	112.60	94.80	84.19%	N/A	N/A	N/A
R17/380	BEDROOM	W19/380	32.53	1.33	133.30	122.30	91.75%	N/A	N/A	N/A
R18/380	BEDROOM	W20/380	19.91	4.25	105.60	104.60	99.05%	N/A	N/A	N/A
R19/380	LKD	W21/380	22.75	3.89	347.20	346.00	99.65%	N/A	N/A	N/A
		W22/380	36.99					N/A	N/A	N/A
R20/380	LKD	W23/380	39.13	3.42	275.30	273.90	99.49%	1	0	1
		W24/380	18.62					15	6	21
R21/380	BEDROOM	W25/380	35.73	1.78	106.90	98.50	92.14%	25	8	33
R22/380	LD	W26/380	11.86	2.39	202.60	198.30	97.88%	10	4	14
R23/380	BEDROOM	W27/380	29.41	1.70	105.30	94.50	89.74%	24	4	28
R24/380	BEDROOM	W28/380	22.94	1.30	112.60	99.50	88.37%	18	6	24
R25/380	BEDROOM	W29/380	30.14	4.10	125.10	121.70	97.28%	30	9	39
R26/380	BEDROOM	W30/380	31.66	4.25	125.20	122.40	97.76%	29	9	38
R27/380	BEDROOM	W31/380	29.71	1.63	103.10	92.30	89.52%	23	7	30
R28/380	LD	W32/380	14.86	2.73	199.40	196.70	98.65%	11	4	15
R29/380	BEDROOM	W33/380	6.14	2.34	102.50	94.20	91.90%	1	0	1
		W34/380	26.96					21	5	26
1st Floor										
R1/381	BEDROOM	W1/381	35.69	4.91	126.30	124.10	98.26%	35	19	54
R2/381	LKD	W2/381	36.51	4.15	290.50	270.80	93.22%	22	16	38
		W3/381	35.83					37	19	56
		W4/381	9.49					3	12	15
R3/381	BEDROOM	W5/381	11.02	1.52	117.20	45.70	38.99%	4	9	13
R4/381		W6/381	15.05	2.55	191.60	187.80	98.02%	N/A	N/A	N/A
R5/381	LD	W7/381	15.52	2.66	201.10	183.30	91.15%	N/A	N/A	N/A
R6/381	BEDROOM	W8/381	16.82	2.61	100.80	99.00	98.21%	N/A	N/A	N/A
R7/381	BEDROOM	W9/381	16.90	2.63	100.90	98.60	97.72%	N/A	N/A	N/A
R8/381	LD	W10/381	15.06	2.46	201.10	186.10	92.54%	N/A	N/A	N/A
R9/381	BEDROOM	W11/381	31.09	1.31	135.00	107.60	79.70%	N/A	N/A	N/A
R10/381	BEDROOM	W12/381	16.28	3.63	105.80	104.70	98.96%	N/A	N/A	N/A
R11/381	LD	W13/381	17.90	2.90	231.70	217.70	93.96%	N/A	N/A	N/A
R12/381	LD	W14/381	16.34	2.95	225.70	220.40	97.65%	N/A	N/A	N/A
R13/381	LD	W15/381	17.67	3.26	226.10	223.00	98.63%	N/A	N/A	N/A
R14/381	STUDIO	W16/381	19.00	3.85	185.70	185.40	99.84%	N/A	N/A	N/A
R15/381	LD	W17/381	17.88	1.65	153.50	140.80	91.73%	N/A	N/A	N/A
R16/381	BEDROOM	W18/381	33.49	1.68	112.60	101.20	89.88%	N/A	N/A	N/A
R17/381	BEDROOM	W19/381	33.69	1.45	133.30	126.80	95.12%	N/A	N/A	N/A
R18/381	BEDROOM	W20/381	18.67	4.13	105.60	104.70	99.15%	N/A	N/A	N/A
R19/381	LKD	W21/381	21.23	3.92	347.20	346.00	99.65%	N/A	N/A	N/A
		W22/381	37.39					N/A	N/A	N/A
R20/381	LKD	W23/381	39.48	3.44	275.30	273.90	99.49%	1	0	1
		W24/381	17.65					13	7	20
R21/381	BEDROOM	W25/381	37.62	1.97	106.90	98.50	92.14%	25	9	34

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R22/381	LD	W26/381	11.62	2.46	202.60	198.30	97.88%	9	4	13
R23/381	BEDROOM	W27/381	31.50	1.91	105.30	94.50	89.74%	24	6	30
R24/381	BEDROOM	W28/381	25.04	1.54	112.60	100.60	89.34%	18	9	27
R25/381	BEDROOM	W29/381	32.72	4.66	125.10	121.90	97.44%	31	11	42
R26/381	BEDROOM	W30/381	34.31	4.88	125.20	122.40	97.76%	31	11	42
R27/381	BEDROOM	W31/381	32.10	1.95	103.10	93.20	90.40%	24	8	32
R28/381	LD	W32/381	14.89	2.86	199.40	196.70	98.65%	11	5	16
R29/381	BEDROOM	W33/381	5.38	2.58	102.50	88.90	86.73%	1	0	1
		W34/381	29.29					22	6	28
2nd Floor										
R1/382	BEDROOM	W1/382	37.15	5.06	126.30	124.40	98.50%	37	20	57
R2/382	LKD	W2/382	37.76	4.22	290.50	271.30	93.39%	23	17	40
		W3/382	37.00					37	19	56
		W4/382	9.66					3	12	15
R3/382	BEDROOM	W5/382	11.98	1.53	117.20	45.70	38.99%	4	9	13
R4/382		W6/382	16.55	2.83	191.60	187.80	98.02%	N/A	N/A	N/A
R5/382	LD	W7/382	16.77	2.85	201.10	190.30	94.63%	N/A	N/A	N/A
R6/382	BEDROOM	W8/382	18.22	2.83	100.80	99.20	98.41%	N/A	N/A	N/A
R7/382	BEDROOM	W9/382	18.28	2.84	100.90	99.40	98.51%	N/A	N/A	N/A
R8/382	LD	W10/382	16.38	2.69	201.10	192.60	95.77%	N/A	N/A	N/A
R9/382	BEDROOM	W11/382	32.43	1.37	135.00	118.00	87.41%	N/A	N/A	N/A
R10/382	BEDROOM	W12/382	17.33	3.84	105.80	104.70	98.96%	N/A	N/A	N/A
R11/382	LD	W13/382	19.12	3.08	231.70	223.40	96.42%	N/A	N/A	N/A
R12/382	LD	W14/382	17.50	3.16	225.70	224.90	99.65%	N/A	N/A	N/A
R13/382	LD	W15/382	18.64	3.42	226.10	223.80	98.98%	N/A	N/A	N/A
R14/382	STUDIO	W16/382	20.08	4.05	185.70	185.40	99.84%	N/A	N/A	N/A
R15/382	LD	W17/382	18.91	1.73	153.50	147.30	95.96%	N/A	N/A	N/A
R16/382	BEDROOM	W18/382	34.50	1.73	112.60	104.70	92.98%	N/A	N/A	N/A
R17/382	BEDROOM	W19/382	34.67	1.49	133.30	127.90	95.95%	N/A	N/A	N/A
R18/382	BEDROOM	W20/382	19.42	4.27	105.60	104.70	99.15%	N/A	N/A	N/A
R19/382	LKD	W21/382	22.12	3.98	347.20	346.00	99.65%	N/A	N/A	N/A
		W22/382	37.53					N/A	N/A	N/A
R20/382	LKD	W23/382	39.56	3.51	275.30	273.90	99.49%	1	0	1
		W24/382	18.35					13	7	20
R21/382	BEDROOM	W25/382	38.69	2.03	106.90	98.50	92.14%	25	9	34
R22/382	LD	W26/382	12.65	2.62	202.60	198.30	97.88%	9	5	14
R23/382	BEDROOM	W27/382	32.90	1.98	105.30	94.50	89.74%	24	7	31
R24/382	BEDROOM	W28/382	26.69	1.62	112.60	100.60	89.34%	18	11	29
R25/382	BEDROOM	W29/382	34.65	4.88	125.10	121.90	97.44%	31	13	44
R26/382	BEDROOM	W30/382	36.32	5.11	125.20	122.40	97.76%	32	13	45
R27/382	BEDROOM	W31/382	33.97	2.05	103.10	93.20	90.40%	25	9	34
R28/382	LD	W32/382	16.68	3.14	199.40	196.70	98.65%	12	6	18
R29/382	BEDROOM	W33/382	5.79	2.68	102.50	88.90	86.73%	1	0	1
		W34/382	31.09					23	7	30
3rd Floor										
R1/383	BEDROOM	W1/383	37.97	5.12	126.30	124.60	98.65%	37	20	57
R2/383	LKD	W2/383	38.51	4.27	290.50	272.50	93.80%	23	17	40
		W3/383	37.88					37	19	56
		W4/383	9.93					3	12	15
R3/383	BEDROOM	W5/383	13.94	1.58	117.20	47.30	40.36%	5	9	14
R4/383		W6/383	18.05	3.09	191.60	187.80	98.02%	N/A	N/A	N/A
R5/383	LD	W7/383	17.99	3.03	201.10	197.20	98.06%	N/A	N/A	N/A
R6/383	BEDROOM	W8/383	19.60	3.03	100.80	99.20	98.41%	N/A	N/A	N/A
R7/383	BEDROOM	W9/383	19.63	3.04	100.90	99.40	98.51%	N/A	N/A	N/A
R8/383	LD	W10/383	17.69	2.92	201.10	199.00	98.96%	N/A	N/A	N/A
R9/383	BEDROOM	W11/383	33.74	1.42	135.00	128.80	95.41%	N/A	N/A	N/A
R10/383	BEDROOM	W12/383	18.34	4.04	105.80	104.70	98.96%	N/A	N/A	N/A
R11/383	LD	W13/383	20.30	3.26	231.70	229.40	99.01%	N/A	N/A	N/A
R12/383	LD	W14/383	18.64	3.36	225.70	225.60	99.96%	N/A	N/A	N/A
R13/383	LD	W15/383	19.57	3.56	226.10	223.80	98.98%	N/A	N/A	N/A
R14/383	STUDIO	W16/383	21.11	4.24	185.70	185.40	99.84%	N/A	N/A	N/A
R15/383	LD	W17/383	19.91	1.81	153.50	148.40	96.68%	N/A	N/A	N/A

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R16/383	BEDROOM	W18/383	35.47	1.78	112.60	104.70	92.98%	N/A	N/A	N/A
R17/383	BEDROOM	W19/383	35.62	1.53	133.30	127.90	95.95%	N/A	N/A	N/A
R18/383	BEDROOM	W20/383	20.12	4.39	105.60	104.70	99.15%	N/A	N/A	N/A
R19/383	LKD	W21/383	22.95	4.04	347.20	346.00	99.65%	N/A	N/A	N/A
		W22/383	37.66					N/A	N/A	N/A
R20/383	LKD	W23/383	39.59	3.55	275.30	273.90	99.49%	1	0	1
		W24/383	18.81					13	7	20
R21/383	BEDROOM	W25/383	39.35	2.06	106.90	98.50	92.14%	25	9	34
R22/383	LD	W26/383	13.38	2.72	202.60	198.30	97.88%	9	5	14
R23/383	BEDROOM	W27/383	33.84	2.02	105.30	94.50	89.74%	24	7	31
R24/383	BEDROOM	W28/383	27.78	1.67	112.60	100.60	89.34%	18	11	29
R25/383	BEDROOM	W29/383	36.10	5.01	125.10	121.90	97.44%	31	13	44
R26/383	BEDROOM	W30/383	37.80	5.25	125.20	122.40	97.76%	32	13	45
R27/383	BEDROOM	W31/383	35.12	2.10	103.10	93.20	90.40%	25	9	34
R28/383	LD	W32/383	17.70	3.28	199.40	196.70	98.65%	12	6	18
R29/383	BEDROOM	W33/383	6.06	2.73	102.50	88.90	86.73%	1	0	1
		W34/383	31.99					23	7	30
4th Floor										
R1/384	BEDROOM	W1/384	38.24	5.12	126.30	124.60	98.65%	37	20	57
R2/384	LKD	W2/384	38.90	4.32	290.50	275.10	94.70%	23	17	40
		W3/384	38.48					37	20	57
		W4/384	10.62					3	12	15
R3/384	BEDROOM	W5/384	18.43	1.97	117.20	53.20	45.39%	12	9	21
R4/384		W6/384	32.34	5.00	191.60	189.20	98.75%	N/A	N/A	N/A
R5/384	LD	W7/384	30.93	4.73	201.10	201.00	99.95%	N/A	N/A	N/A
R6/384	BEDROOM	W8/384	32.40	4.62	100.80	99.20	98.41%	N/A	N/A	N/A
R7/384	BEDROOM	W9/384	22.48	3.37	100.90	99.40	98.51%	N/A	N/A	N/A
R8/384	LD	W10/384	19.14	3.13	201.10	200.90	99.90%	N/A	N/A	N/A
R9/384	BEDROOM	W11/384	35.02	1.48	135.00	129.50	95.93%	N/A	N/A	N/A
R10/384	BEDROOM	W12/384	19.33	4.22	105.80	104.70	98.96%	N/A	N/A	N/A
R11/384	LD	W13/384	21.45	3.42	231.70	231.30	99.83%	N/A	N/A	N/A
R12/384	LD	W14/384	19.74	3.55	225.70	225.60	99.96%	N/A	N/A	N/A
R13/384	LD	W15/384	20.47	3.70	226.10	223.80	98.98%	N/A	N/A	N/A
R14/384	STUDIO	W16/384	22.10	4.42	185.70	185.40	99.84%	N/A	N/A	N/A
R15/384	LD	W17/384	20.86	1.89	153.50	148.40	96.68%	N/A	N/A	N/A
R16/384	BEDROOM	W18/384	36.39	1.82	112.60	104.70	92.98%	N/A	N/A	N/A
R17/384	BEDROOM	W19/384	36.50	1.56	133.30	127.90	95.95%	N/A	N/A	N/A
R18/384	BEDROOM	W20/384	20.78	4.50	105.60	104.70	99.15%	N/A	N/A	N/A
R19/384	LKD	W21/384	23.74	4.10	347.20	346.00	99.65%	N/A	N/A	N/A
		W22/384	37.93					N/A	N/A	N/A
R20/384	LKD	W23/384	39.60	3.55	275.30	273.90	99.49%	1	0	1
		W24/384	18.81					13	7	20
R21/384	BEDROOM	W25/384	39.49	2.06	106.90	98.50	92.14%	25	9	34
R22/384	LD	W26/384	13.38	2.72	202.60	198.30	97.88%	9	5	14
R23/384	BEDROOM	W27/384	34.27	2.02	105.30	94.50	89.74%	24	7	31
R24/384	BEDROOM	W28/384	28.25	1.67	112.60	100.80	89.52%	18	11	29
R25/384	BEDROOM	W29/384	36.71	5.03	125.10	122.80	98.16%	31	13	44
R26/384	BEDROOM	W30/384	38.35	5.25	125.20	123.40	98.56%	32	13	45
R27/384	BEDROOM	W31/384	36.26	2.10	103.10	94.70	91.85%	25	9	34
R28/384	LD	W32/384	17.70	3.28	199.40	196.70	98.65%	12	6	18
R29/384	BEDROOM	W33/384	6.06	2.73	102.50	88.90	86.73%	1	0	1
		W34/384	32.28					23	7	30
5th Floor										
R1/385	BEDROOM	W1/385	38.60	5.12	126.30	124.60	98.65%	37	20	57
R2/385	LKD	W2/385	39.31	5.40	290.50	285.20	98.18%	23	17	40
		W3/385	39.12					37	21	58
		W4/385	34.52					36	20	56
R3/385	BEDROOM	W5/385	35.62	5.07	100.90	99.90	99.01%	N/A	N/A	N/A
R4/385	LD	W6/385	31.56	4.86	201.10	200.90	99.90%	N/A	N/A	N/A
R5/385	BEDROOM	W7/385	36.24	1.53	135.00	129.50	95.93%	N/A	N/A	N/A
R6/385	BEDROOM	W8/385	22.06	4.83	105.80	104.70	98.96%	N/A	N/A	N/A
R7/385	LD	W9/385	24.63	3.95	231.70	231.30	99.83%	N/A	N/A	N/A

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R8/385	LD	W10/385	22.64	4.10	225.70	225.60	99.96%	N/A	N/A	N/A
R9/385	LD	W11/385	23.18	4.20	226.10	223.80	98.98%	N/A	N/A	N/A
R10/385	STUDIO	W12/385	25.11	4.85	185.70	185.30	99.78%	N/A	N/A	N/A
R11/385	LD	W13/385	22.29	3.62	153.50	152.80	99.54%	N/A	N/A	N/A
R12/385	BEDROOM	W14/385	37.23	1.86	112.60	104.70	92.98%	N/A	N/A	N/A
R13/385	BEDROOM	W15/385	37.31	1.59	133.30	127.90	95.95%	N/A	N/A	N/A
R14/385	BEDROOM	W16/385	34.28	3.80	105.60	101.90	96.50%	N/A	N/A	N/A
R15/385	LKD	W17/385	37.17	5.01	347.20	346.50	99.80%	N/A	N/A	N/A
		W18/385	38.60					N/A	N/A	N/A
R16/385	LKD	W19/385	39.60	3.79	275.30	273.90	99.49%	1	0	1
		W20/385	20.85					15	7	22
R17/385	BEDROOM	W21/385	39.57	2.06	106.90	98.50	92.14%	25	9	34
R18/385	LD	W22/385	29.97	4.58	202.60	200.30	98.86%	26	7	33
R19/385	BEDROOM	W23/385	35.59	2.02	105.30	94.50	89.74%	24	7	31
R20/385	BEDROOM	W24/385	30.74	1.74	112.60	103.20	91.65%	18	11	29
R21/385	BEDROOM	W25/385	37.99	5.13	125.10	123.50	98.72%	31	13	44
R22/385	BEDROOM	W26/385	39.01	5.25	125.20	123.60	98.72%	32	13	45
R23/385	BEDROOM	W27/385	37.95	2.14	103.10	94.80	91.95%	25	11	36
R24/385	LD	W28/385	32.07	5.09	199.40	197.40	99.00%	26	7	33
R25/385	BEDROOM	W29/385	19.57	3.38	102.50	101.20	98.73%	1	0	1
		W30/385	33.45					23	7	30
Gnd Floor										
R1/390	BEDROOM	W1/390	32.45	2.02	105.30	94.50	89.74%	24	9	33
R2/390	LD	W2/390	14.43	2.93	203.40	199.10	97.89%	10	7	17
R3/390	BEDROOM	W3/390	37.51	2.04	107.00	98.00	91.59%	25	9	34
R4/390	LKD	W4/390	19.25	3.46	274.40	273.00	99.49%	14	12	26
		W5/390	29.84					19	10	29
R5/390	LKD	W6/390	29.21	3.46	347.60	335.80	96.61%	38	13	51
		W7/390	19.76					15	2	17
R6/390	BEDROOM	W8/390	15.93	3.83	105.70	101.80	96.31%	N/A	N/A	N/A
R7/390	BEDROOM	W9/390	28.20	1.21	133.60	82.80	61.98%	N/A	N/A	N/A
R8/390	BEDROOM	W10/390	27.31	1.35	112.60	58.50	51.95%	N/A	N/A	N/A
R9/390	LD	W11/390	13.17	2.25	153.50	113.00	73.62%	N/A	N/A	N/A
R10/390	STUDIO	W12/390	15.03	3.12	186.10	154.50	83.02%	N/A	N/A	N/A
R11/390	LD	W13/390	12.53	2.48	225.70	148.60	65.84%	N/A	N/A	N/A
R12/390	LD	W14/390	12.13	2.31	225.70	120.90	53.57%	N/A	N/A	N/A
R13/390	LD	W15/390	13.85	2.38	231.70	125.20	54.04%	N/A	N/A	N/A
R14/390	BEDROOM	W16/390	11.26	2.63	105.60	95.30	90.25%	N/A	N/A	N/A
R15/390	BEDROOM	W17/390	24.96	1.01	134.90	65.50	48.55%	N/A	N/A	N/A
R16/390	LD	W18/390	12.38	2.25	200.30	113.90	56.86%	N/A	N/A	N/A
R17/390	BEDROOM	W19/390	14.41	2.33	100.80	88.70	88.00%	N/A	N/A	N/A
R18/390	BEDROOM	W20/390	14.57	2.38	100.90	83.50	82.76%	N/A	N/A	N/A
R19/390	LD	W21/390	12.42	2.20	201.10	126.10	62.71%	N/A	N/A	N/A
R20/390	LKD	W22/390	14.80	2.73	191.70	177.90	92.80%	N/A	N/A	N/A
R21/390	BEDROOM	W23/390	9.70	0.54	115.40	16.10	13.95%	N/A	N/A	N/A
R22/390	LKD	W24/390	8.88	4.05	289.70	267.50	92.34%	3	0	3
		W25/390	34.03					22	7	29
		W26/390	35.49					19	4	23
R23/390	BEDROOM	W27/390	34.83	4.88	126.30	123.50	97.78%	24	7	31
R24/390	BEDROOM	W28/390	31.25	2.73	102.50	88.90	86.73%	24	9	33
		W29/390	6.69					0	7	7
R25/390	LD	W30/390	18.85	3.53	199.40	196.70	98.65%	11	12	23
R26/390	BEDROOM	W31/390	33.68	2.05	100.80	70.30	69.74%	25	9	34
R27/390	BEDROOM	W32/390	35.60	5.04	125.70	122.90	97.77%	30	13	43
R28/390	BEDROOM	W33/390	34.14	4.90	125.20	121.80	97.28%	29	12	41
R29/390	BEDROOM	W34/390	26.71	1.62	112.60	99.50	88.37%	20	4	24

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
1st Floor										
R1/391	BEDROOM	W1/391	33.22	2.05	105.30	94.50	89.74%	24	9	33
R2/391	LD	W2/391	13.23	2.73	203.40	199.10	97.89%	6	7	13
R3/391	BEDROOM	W3/391	38.53	2.08	107.00	98.00	91.59%	25	9	34
R4/391	LKD	W4/391	18.04	3.39	274.40	273.00	99.49%	12	12	24
		W5/391	33.93					19	16	35
R5/391	LKD	W6/391	32.60	3.53	347.60	336.20	96.72%	38	19	57
		W7/391	18.99					14	2	16
R6/391	BEDROOM	W8/391	15.56	3.62	105.70	102.80	97.26%	N/A	N/A	N/A
R7/391	BEDROOM	W9/391	30.34	1.30	133.60	95.00	71.11%	N/A	N/A	N/A
R8/391	BEDROOM	W10/391	29.52	1.47	112.60	69.60	61.81%	N/A	N/A	N/A
R9/391	LD	W11/391	13.02	2.12	153.50	129.60	84.43%	N/A	N/A	N/A
R10/391	STUDIO	W12/391	14.72	2.93	186.10	167.00	89.74%	N/A	N/A	N/A
R11/391	LD	W13/391	12.44	2.33	225.70	166.80	73.90%	N/A	N/A	N/A
R12/391	LD	W14/391	11.92	2.13	225.70	148.10	65.62%	N/A	N/A	N/A
R13/391	LD	W15/391	13.40	2.18	231.70	151.00	65.17%	N/A	N/A	N/A
R14/391	BEDROOM	W16/391	11.08	2.41	105.60	100.20	94.89%	N/A	N/A	N/A
R15/391	BEDROOM	W17/391	27.07	1.11	134.90	79.70	59.08%	N/A	N/A	N/A
R16/391	LD	W18/391	11.94	2.02	200.30	128.90	64.35%	N/A	N/A	N/A
R17/391	BEDROOM	W19/391	13.82	2.11	100.80	94.40	93.65%	N/A	N/A	N/A
R18/391	BEDROOM	W20/391	13.95	2.15	100.90	85.40	84.64%	N/A	N/A	N/A
R19/391	LD	W21/391	12.05	2.00	201.10	150.40	74.79%	N/A	N/A	N/A
R20/391	LKD	W22/391	14.06	2.48	191.70	179.90	93.84%	N/A	N/A	N/A
R21/391	BEDROOM	W23/391	10.96	0.56	115.40	16.10	13.95%	N/A	N/A	N/A
R22/391	LKD	W24/391	8.70	4.11	289.70	268.90	92.82%	4	0	4
		W25/391	35.88					25	7	32
		W26/391	36.96					20	4	24
R23/391	BEDROOM	W27/391	36.53	5.06	126.30	124.20	98.34%	25	7	32
R24/391	BEDROOM	W28/391	31.92	2.67	102.50	94.00	91.71%	24	9	33
		W29/391	5.60					0	6	6
R25/391	LD	W30/391	17.36	3.28	199.40	196.70	98.65%	7	11	18
R26/391	BEDROOM	W31/391	34.34	2.18	100.80	90.40	89.68%	25	11	36
R27/391	BEDROOM	W32/391	36.80	5.23	125.70	122.80	97.69%	32	13	45
R28/391	BEDROOM	W33/391	35.28	5.03	125.20	122.00	97.44%	31	11	42
R29/391	BEDROOM	W34/391	27.29	1.69	112.60	100.60	89.34%	20	4	24
2nd Floor										
R1/392	BEDROOM	W1/392	33.52	2.05	105.30	94.50	89.74%	24	9	33
R2/392	LD	W2/392	13.30	2.73	203.40	199.10	97.89%	6	7	13
R3/392	BEDROOM	W3/392	38.97	2.08	107.00	98.00	91.59%	25	9	34
R4/392	LKD	W4/392	18.40	3.50	274.40	273.00	99.49%	12	12	24
		W5/392	37.45					19	21	40
R5/392	LKD	W6/392	35.66	3.79	347.60	343.90	98.94%	38	22	60
		W7/392	20.63					15	3	18
R6/392	BEDROOM	W8/392	17.14	3.90	105.70	104.70	99.05%	N/A	N/A	N/A
R7/392	BEDROOM	W9/392	32.20	1.38	133.60	104.30	78.07%	N/A	N/A	N/A
R8/392	BEDROOM	W10/392	31.45	1.57	112.60	78.10	69.36%	N/A	N/A	N/A
R9/392	LD	W11/392	14.76	2.40	153.50	139.60	90.94%	N/A	N/A	N/A
R10/392	STUDIO	W12/392	16.64	3.29	186.10	178.70	96.02%	N/A	N/A	N/A
R11/392	LD	W13/392	14.39	2.70	225.70	194.60	86.22%	N/A	N/A	N/A
R12/392	LD	W14/392	13.87	2.52	225.70	179.00	79.31%	N/A	N/A	N/A
R13/392	LD	W15/392	15.39	2.52	231.70	178.30	76.95%	N/A	N/A	N/A
R14/392	BEDROOM	W16/392	12.97	2.90	105.60	101.80	96.40%	N/A	N/A	N/A
R15/392	BEDROOM	W17/392	29.07	1.20	134.90	98.00	72.65%	N/A	N/A	N/A
R16/392	LD	W18/392	13.64	2.33	200.30	155.20	77.48%	N/A	N/A	N/A
R17/392	BEDROOM	W19/392	15.65	2.44	100.80	98.10	97.32%	N/A	N/A	N/A
R18/392	BEDROOM	W20/392	15.76	2.47	100.90	92.80	91.97%	N/A	N/A	N/A
R19/392	LD	W21/392	13.77	2.34	201.10	183.10	91.05%	N/A	N/A	N/A
R20/392	LKD	W22/392	15.70	2.76	191.70	184.70	96.35%	N/A	N/A	N/A
R21/392	BEDROOM	W23/392	12.86	0.58	115.40	16.70	14.47%	N/A	N/A	N/A
R22/392	LKD	W24/392	9.23	4.20	289.70	269.70	93.10%	4	0	4
		W25/392	36.97					25	7	32
		W26/392	37.85					20	4	24

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Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R23/392	BEDROOM	W27/392	37.35	5.13	126.30	124.20	98.34%	25	7	32
R24/392	BEDROOM	W28/392	32.09	2.70	102.50	94.00	91.71%	24	9	33
		W29/392	5.82					0	6	6
R25/392	LD	W30/392	17.54	3.29	199.40	196.70	98.65%	7	11	18
R26/392	BEDROOM	W31/392	34.69	2.18	100.80	90.40	89.68%	25	11	36
R27/392	BEDROOM	W32/392	37.25	5.27	125.70	122.80	97.69%	32	13	45
R28/392	BEDROOM	W33/392	35.66	5.05	125.20	122.00	97.44%	31	11	42
R29/392	BEDROOM	W34/392	27.52	1.69	112.60	100.60	89.34%	20	4	24
3rd Floor										
R1/393	BEDROOM	W1/393	33.82	2.05	105.30	94.50	89.74%	24	9	33
R2/393	LD	W2/393	12.51	2.54	203.40	199.10	97.89%	6	5	11
R3/393	BEDROOM	W3/393	39.30	2.08	107.00	98.00	91.59%	25	9	34
R4/393	LKD	W4/393	14.78	3.15	274.40	273.00	99.49%	6	9	15
		W5/393	39.46					19	21	40
R5/393	LKD	W6/393	38.31	4.88	347.60	344.60	99.14%	39	22	61
		W7/393	34.68					21	3	24
R6/393	BEDROOM	W8/393	29.43	6.14	105.70	105.00	99.34%	N/A	N/A	N/A
R7/393	BEDROOM	W9/393	33.91	1.46	133.60	113.20	84.73%	N/A	N/A	N/A
R8/393	BEDROOM	W10/393	33.30	1.67	112.60	91.10	80.91%	N/A	N/A	N/A
R9/393	LD	W11/393	16.47	2.70	153.50	144.80	94.33%	N/A	N/A	N/A
R10/393	STUDIO	W12/393	18.51	3.65	186.10	183.40	98.55%	N/A	N/A	N/A
R11/393	LD	W13/393	16.33	3.06	225.70	200.00	88.61%	N/A	N/A	N/A
R12/393	LD	W14/393	15.82	2.91	225.70	198.80	88.08%	N/A	N/A	N/A
R13/393	LD	W15/393	17.38	2.86	231.70	205.50	88.69%	N/A	N/A	N/A
R14/393	BEDROOM	W16/393	14.90	3.37	105.60	104.50	98.96%	N/A	N/A	N/A
R15/393	BEDROOM	W17/393	31.11	1.29	134.90	117.70	87.25%	N/A	N/A	N/A
R16/393	LD	W18/393	15.39	2.63	200.30	188.80	94.26%	N/A	N/A	N/A
R17/393	BEDROOM	W19/393	17.50	2.75	100.80	99.50	98.71%	N/A	N/A	N/A
R18/393	BEDROOM	W20/393	17.57	2.77	100.90	99.30	98.41%	N/A	N/A	N/A
R19/393	LD	W21/393	15.51	2.65	201.10	200.90	99.90%	N/A	N/A	N/A
R20/393	LKD	W22/393	17.37	3.03	191.70	185.80	96.92%	N/A	N/A	N/A
R21/393	BEDROOM	W23/393	16.66	0.71	115.40	26.20	22.70%	N/A	N/A	N/A
R22/393	LKD	W24/393	9.71	4.28	289.70	270.90	93.51%	4	0	4
		W25/393	37.86					25	7	32
		W26/393	38.49					20	4	24
R23/393	BEDROOM	W27/393	37.93	5.17	126.30	124.30	98.42%	25	7	32
R24/393	BEDROOM	W28/393	32.24	2.72	102.50	94.00	91.71%	24	9	33
		W29/393	6.01					0	6	6
R25/393	LD	W30/393	17.62	3.30	199.40	196.70	98.65%	7	11	18
R26/393	BEDROOM	W31/393	35.03	2.18	100.80	90.40	89.68%	25	11	36
R27/393	BEDROOM	W32/393	37.73	5.29	125.70	122.80	97.69%	32	13	45
R28/393	BEDROOM	W33/393	36.06	5.06	125.20	122.00	97.44%	31	11	42
R29/393	BEDROOM	W34/393	27.73	1.69	112.60	100.60	89.34%	20	4	24
4th Floor										
R1/394	BEDROOM	W1/394	34.27	2.05	105.30	94.50	89.74%	24	9	33
R2/394	LD	W2/394	16.63	3.18	203.40	200.60	98.62%	6	17	23
R3/394	BEDROOM	W3/394	35.01	1.47	112.60	99.00	87.92%	N/A	N/A	N/A
R4/394	LD	W4/394	18.14	2.97	153.50	152.80	99.54%	N/A	N/A	N/A
R5/394	STUDIO	W5/394	20.32	3.98	186.10	183.80	98.76%	N/A	N/A	N/A
R6/394	LD	W6/394	18.20	3.38	225.70	212.90	94.33%	N/A	N/A	N/A
R7/394	LD	W7/394	17.74	3.26	225.70	213.80	94.73%	N/A	N/A	N/A
R8/394	LD	W8/394	19.33	3.16	231.70	222.30	95.94%	N/A	N/A	N/A
R9/394	BEDROOM	W9/394	16.79	3.78	105.60	104.50	98.96%	N/A	N/A	N/A
R10/394	BEDROOM	W10/394	33.11	1.38	134.90	129.10	95.70%	N/A	N/A	N/A
R11/394	LD	W11/394	17.15	2.91	200.30	198.20	98.95%	N/A	N/A	N/A
R12/394	BEDROOM	W12/394	19.34	3.04	100.80	99.50	98.71%	N/A	N/A	N/A
R13/394	BEDROOM	W13/394	19.38	3.05	100.90	99.30	98.41%	N/A	N/A	N/A
R14/394	LD	W14/394	17.24	2.94	201.10	200.90	99.90%	N/A	N/A	N/A
R15/394	LKD	W15/394	19.04	3.29	191.70	185.80	96.92%	N/A	N/A	N/A
R16/394	BEDROOM	W16/394	25.46	1.27	115.40	70.30	60.92%	N/A	N/A	N/A

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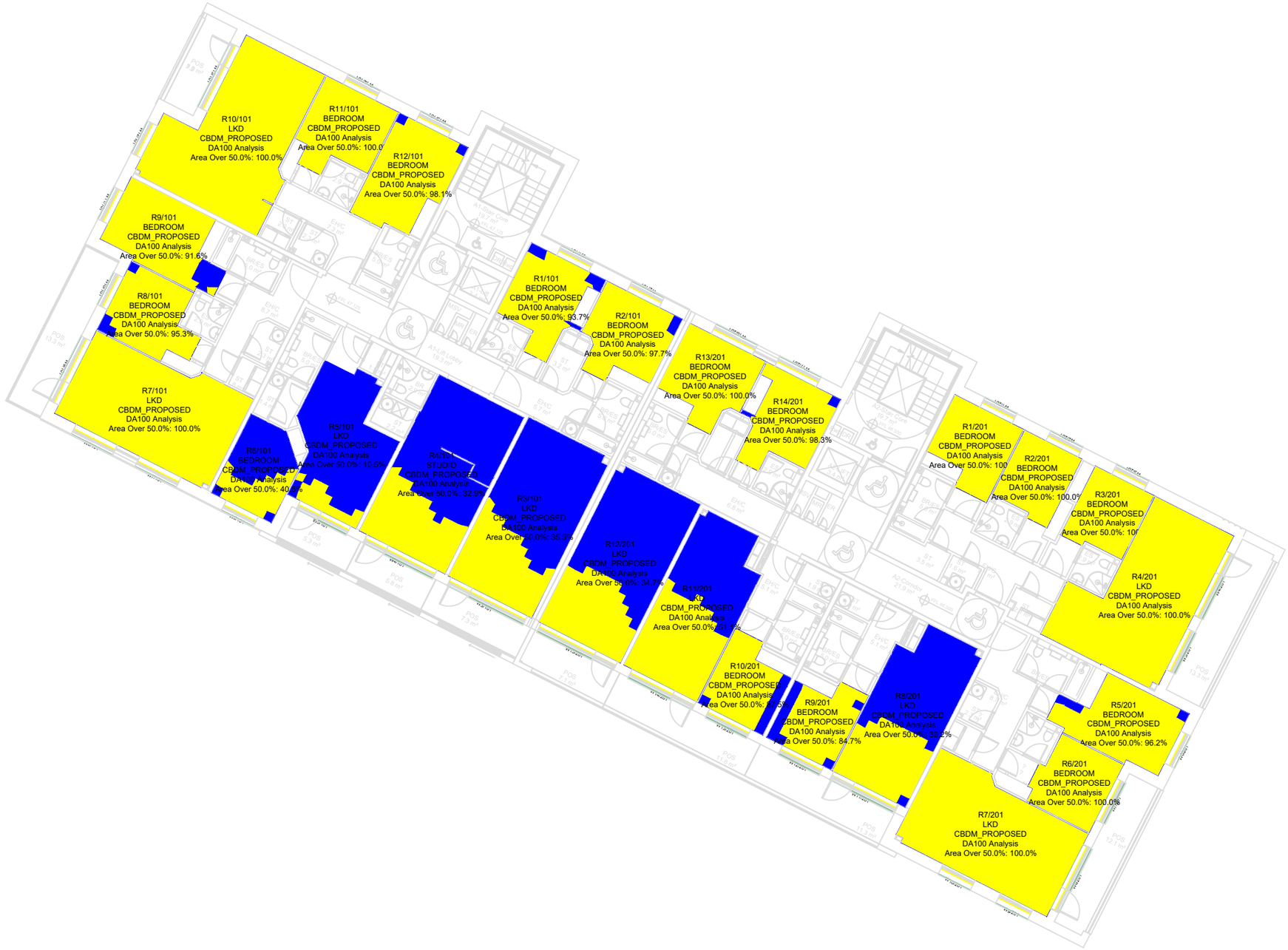
Room/Floor	Room Use	Window	%VSC	%ADF	Daylight Distribution			%Sun		
					Room Area sq ft	Proposed Area sq ft	Proposed % of Room Area	Summer	Winter	Total
R17/394	LKD	W17/394	10.50	4.32	289.70	273.20	94.30%	4	0	4
		W18/394	38.46					25	7	32
		W19/394	38.88					20	4	24
R18/394	BEDROOM	W20/394	38.20	5.18	126.30	124.30	98.42%	25	7	32
R19/394	BEDROOM	W21/394	32.53	2.72	102.50	88.70	86.54%	24	9	33
		W22/394	6.03					0	6	6
R20/394	LD	W23/394	17.63	3.30	199.40	196.70	98.65%	7	11	18
R21/394	BEDROOM	W24/394	35.61	2.19	100.80	90.40	89.68%	25	11	36
R22/394	BEDROOM	W25/394	38.29	5.29	125.70	123.70	98.41%	32	13	45
R23/394	BEDROOM	W26/394	36.68	5.08	125.20	122.90	98.16%	32	12	44
R24/394	BEDROOM	W27/394	28.20	1.69	112.60	100.80	89.52%	20	4	24
5th Floor										
R1/395	BEDROOM	W1/395	35.60	2.05	105.30	94.50	89.74%	24	9	33
R2/395	LD	W2/395	34.56	5.21	203.40	201.60	99.12%	30	18	48
R3/395	BEDROOM	W3/395	36.26	1.53	112.60	101.60	90.23%	N/A	N/A	N/A
R4/395	LD	W4/395	21.23	3.50	153.50	152.80	99.54%	N/A	N/A	N/A
R5/395	STUDIO	W5/395	23.84	4.68	186.10	183.80	98.76%	N/A	N/A	N/A
R6/395	LD	W6/395	21.54	4.00	225.70	225.60	99.96%	N/A	N/A	N/A
R7/395	LD	W7/395	21.18	3.92	225.70	225.60	99.96%	N/A	N/A	N/A
R8/395	LD	W8/395	23.09	3.79	231.70	231.40	99.87%	N/A	N/A	N/A
R9/395	BEDROOM	W9/395	20.23	4.56	105.60	104.50	98.96%	N/A	N/A	N/A
R10/395	BEDROOM	W10/395	34.87	1.47	134.90	129.40	95.92%	N/A	N/A	N/A
R11/395	LD	W11/395	20.71	3.54	200.30	200.20	99.95%	N/A	N/A	N/A
R12/395	BEDROOM	W12/395	23.14	3.66	100.80	99.50	98.71%	N/A	N/A	N/A
R13/395	BEDROOM	W13/395	23.17	3.67	100.90	99.30	98.41%	N/A	N/A	N/A
R14/395	LD	W14/395	20.68	3.54	201.10	200.90	99.90%	N/A	N/A	N/A
R15/395	LKD	W15/395	32.94	5.15	191.70	186.50	97.29%	N/A	N/A	N/A
R16/395	BEDROOM	W16/395	35.82	1.76	115.40	109.80	95.15%	N/A	N/A	N/A
R17/395	LKD	W17/395	25.59	5.05	289.70	276.70	95.51%	4	0	4
		W18/395	39.08					25	7	32
		W19/395	39.29					20	4	24
R18/395	BEDROOM	W20/395	38.58	5.17	126.30	124.30	98.42%	25	7	32
R19/395	BEDROOM	W21/395	33.68	3.36	102.50	89.20	87.02%	24	9	33
		W22/395	19.20					9	14	23
R20/395	LD	W23/395	31.70	5.07	199.40	197.20	98.90%	26	13	39
R21/395	BEDROOM	W24/395	37.05	2.22	100.80	90.60	89.88%	25	11	36
R22/395	BEDROOM	W25/395	39.01	5.30	125.70	124.10	98.73%	32	13	45
R23/395	BEDROOM	W26/395	37.99	5.19	125.20	123.50	98.64%	32	13	45
R24/395	BEDROOM	W27/395	30.75	1.76	112.60	103.30	91.74%	23	4	27

ADF	Target Value	No. Rooms	No. meeting Target	% meeting Target
BEDROOM	1	690	683	98.99%
DINING	1.5	0	0	0.00%
KITCHEN	2	0	0	0.00%
LD	1.5	281	263	93.59%
KD	2	0	0	0.00%
STUDY	1.5	0	0	0.00%
STUDIO	1.5	32	32	100.00%
LKD	2	152	141	92.76%
Livingroom	1.5	0	0	0.00%
TOTALS		1155	1119	96.88%

Appendix V

Climate Based Analysis – EN 17037

N



1ST FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

BLOCK A

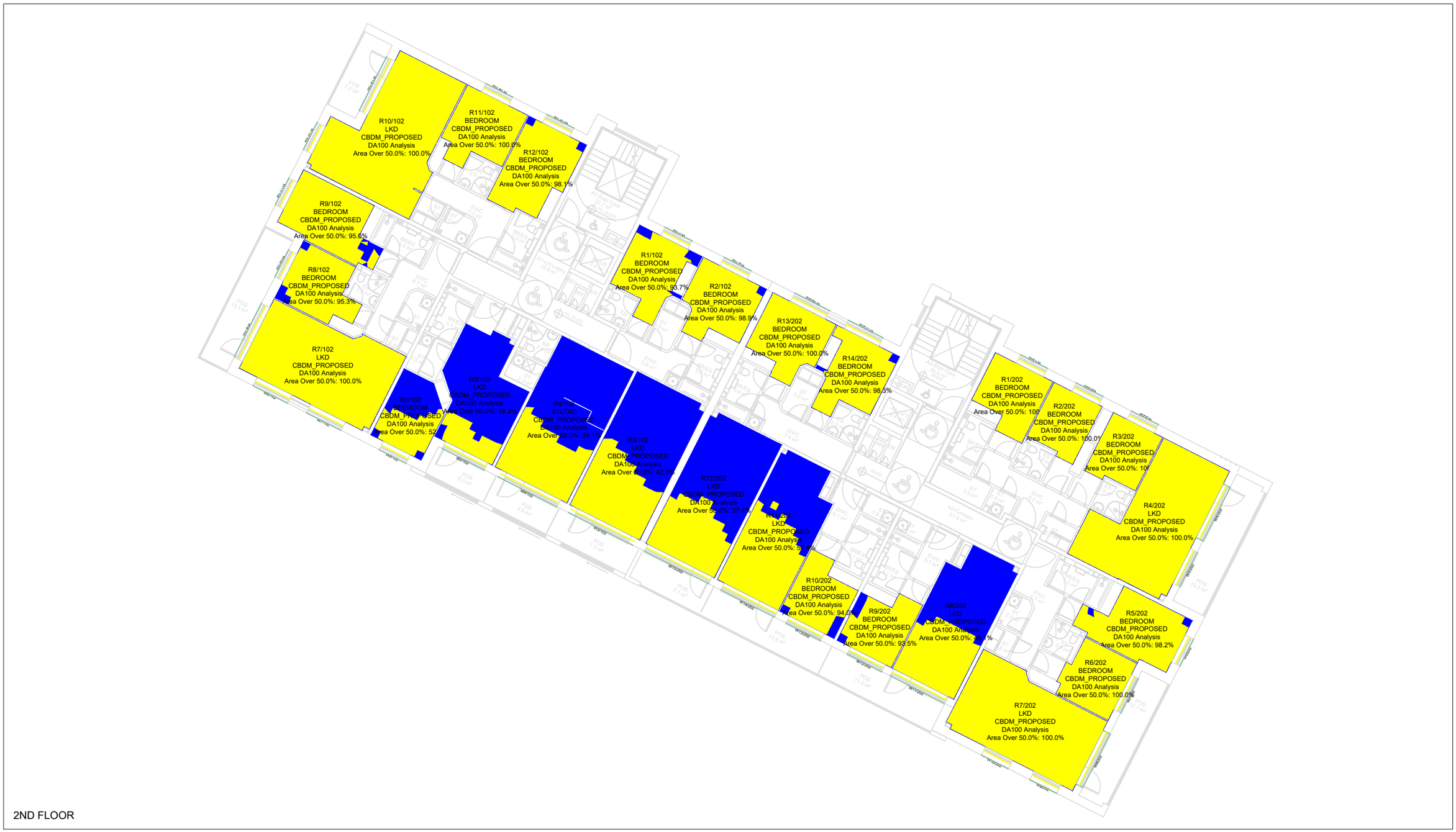
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12B	BRE_05	-

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2ND FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

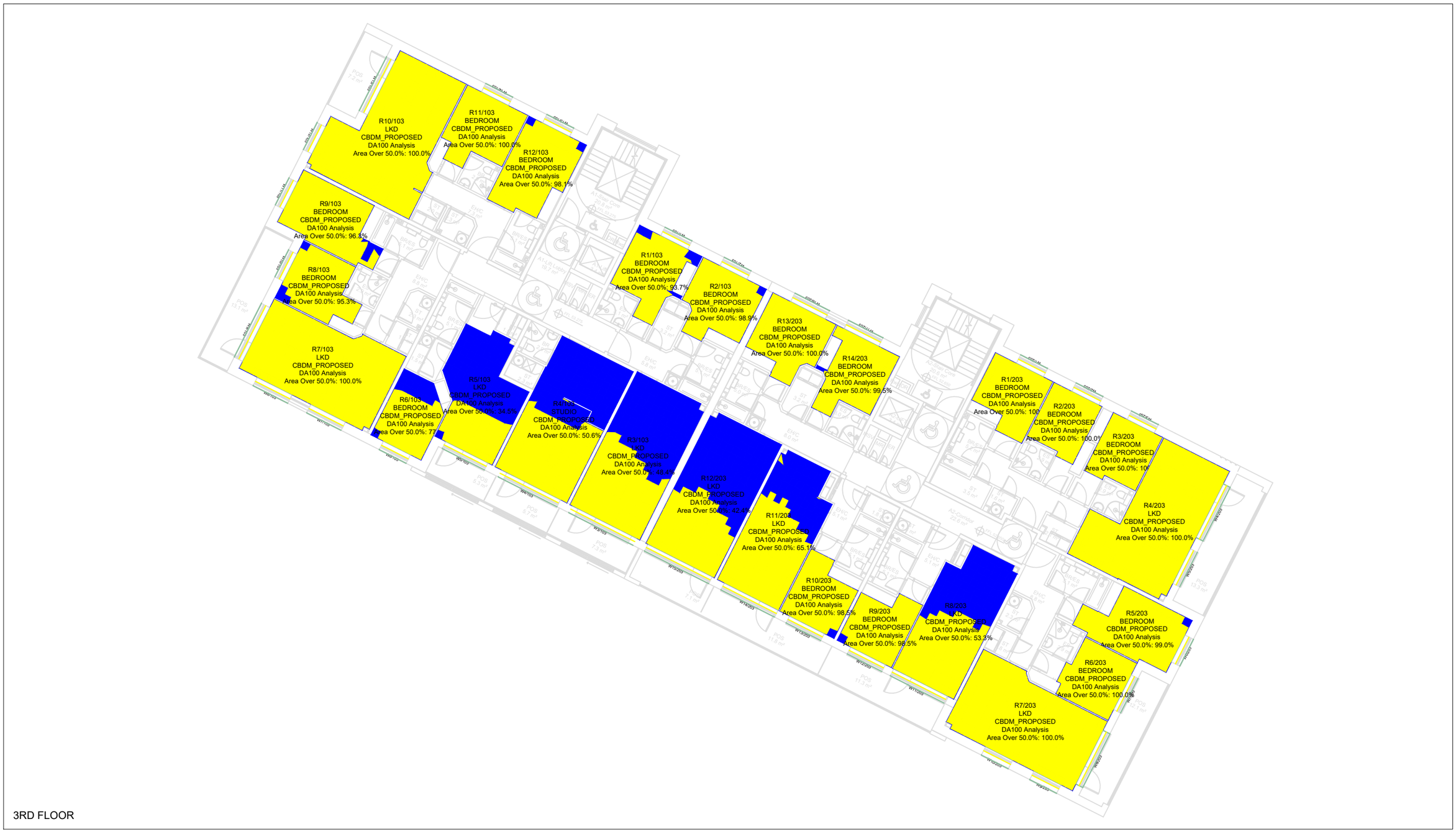
Drawing Title
CBDM European results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

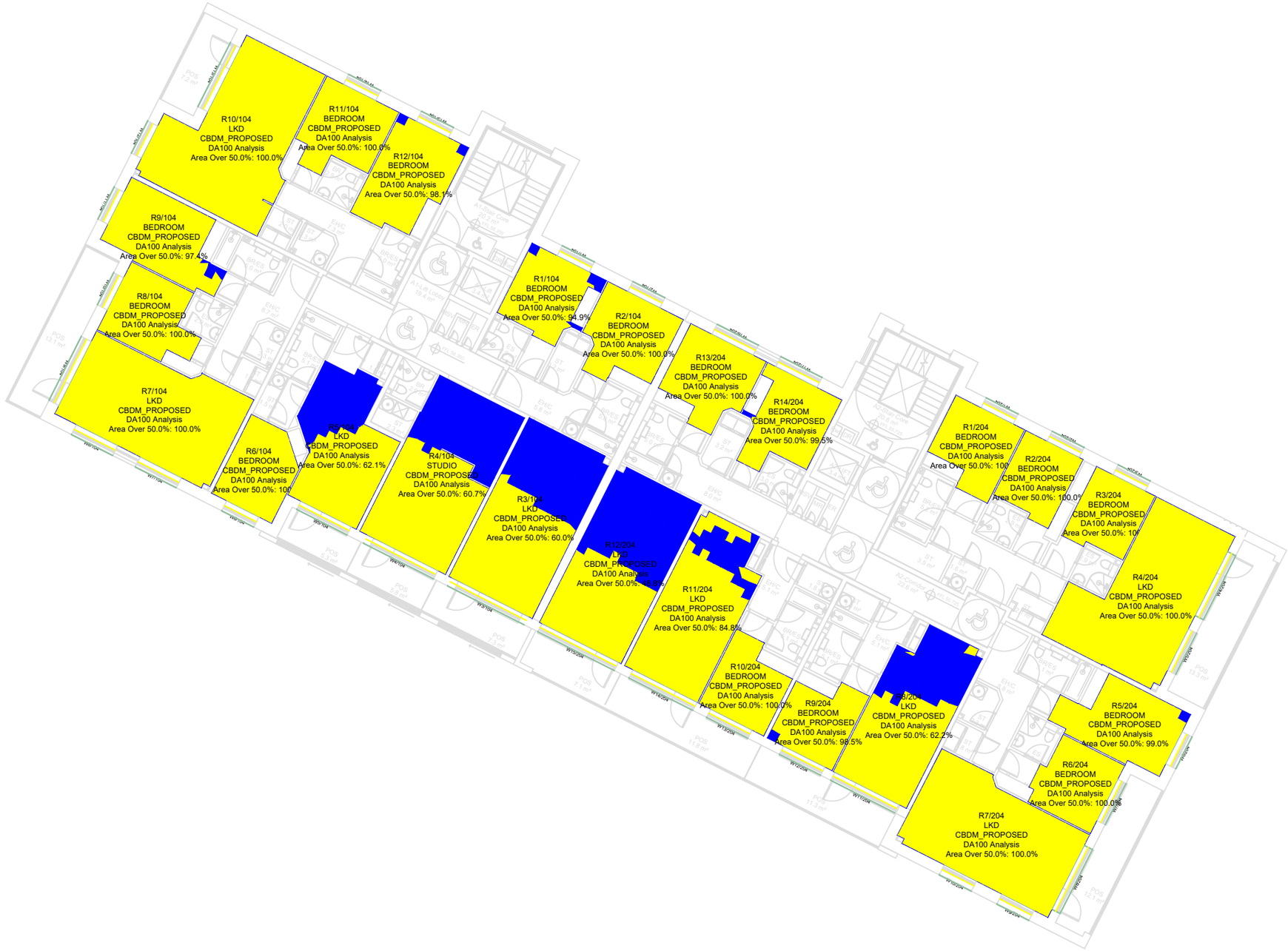
Project No.	Drawing No.	Revision
HA163_12B	BRE_06	-

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R10/103
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%
R11/103
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%
R12/103
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 98.1%
R9/103
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 96.8%
R8/103
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 95.3%
R7/103
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%
R6/103
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 77
R5/103
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 34.5%
R4/103
STUDIO
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 50.6%
R3/103
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 48.4%
R1/103
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 93.7%
R2/103
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 98.9%
R13/203
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%
R14/203
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 99.5%
R12/203
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 42.4%
R11/203
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 65.1%
R10/203
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 98.5%
R9/203
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 98.5%
R8/203
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 53.3%
R7/203
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%
R6/203
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%
R5/203
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 99.0%
R4/203
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%
R3/203
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 10
R2/203
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%
R1/203
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100
W1/103
W2/103
W3/103
W4/103
W5/103
W6/103
W7/103
W8/103
W1/203
W2/203
W3/203
W4/203
W5/203
W6/203
W7/203
W8/203
W9/203
W10/203
W11/203
W12/203
W13/203
W14/203
W15/203
W16/203
W17/203
W18/203
W19/203
W20/203
W21/203
W22/203
W23/203
W24/203
W25/203
W26/203
W27/203
W28/203
W29/203
W30/203
W31/203
W32/203
W33/203
W34/203
W35/203
W36/203
W37/203
W38/203
W39/203
W40/203

N



4TH FLOOR

Key:
Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK A

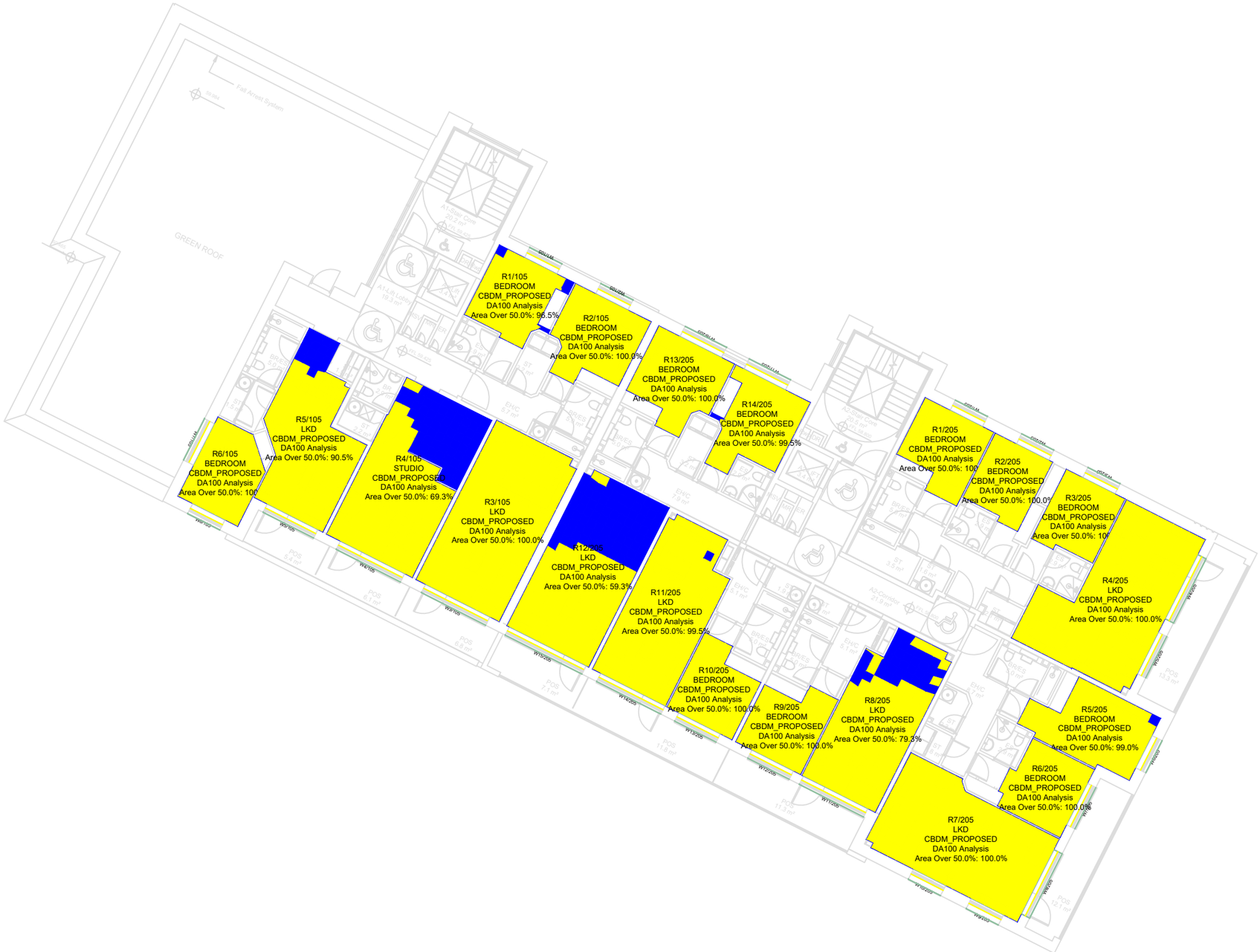
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12B	BRE_08	-

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N



5TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12B	BRE_09	-

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N



6TH FLOOR

Key:
Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12B	BRE_10	-

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N



7TH FLOOR

Key:
Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12B	BRE_11	-

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GROUND FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name: Hartfield Place, Dublin

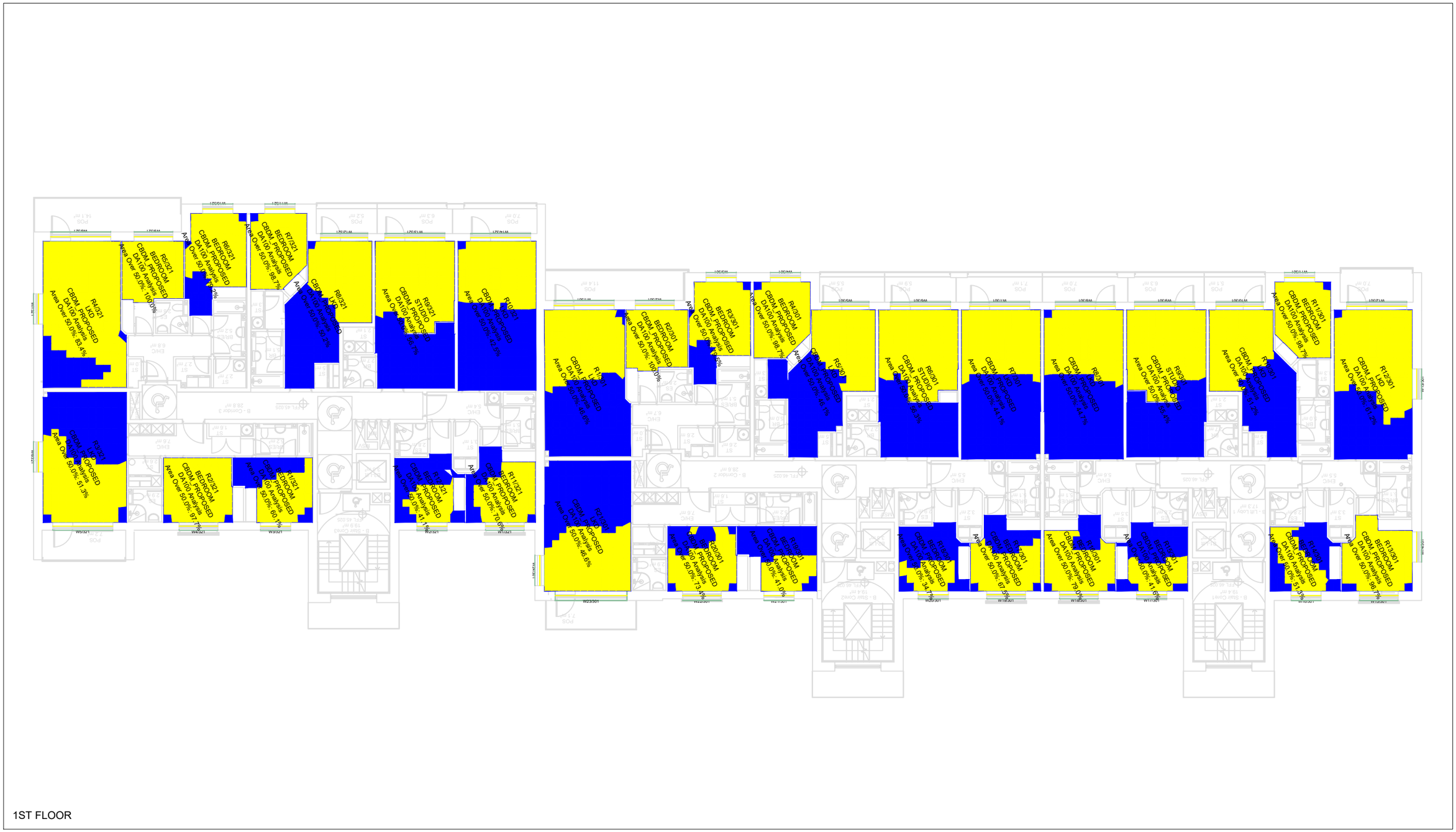
Drawing Title: CBDM European results for BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12B	BRE_12	-

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1ST FLOOR

Key:
Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12B	BRE_13	-

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2ND FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name: Hartfield Place, Dublin

Drawing Title: CBDM European results for BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12B	BRE_14	-

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3RD FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	21 Feb 2022
Drawing Title			
CBDM European results for BLOCK B	**Project No.** HA163_12B	**Drawing No.** BRE_15	**Revision** -

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4TH FLOOR

Key:
Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building
Accuities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accuities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12B	BRE_16	-

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5TH FLOOR

Key:
Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

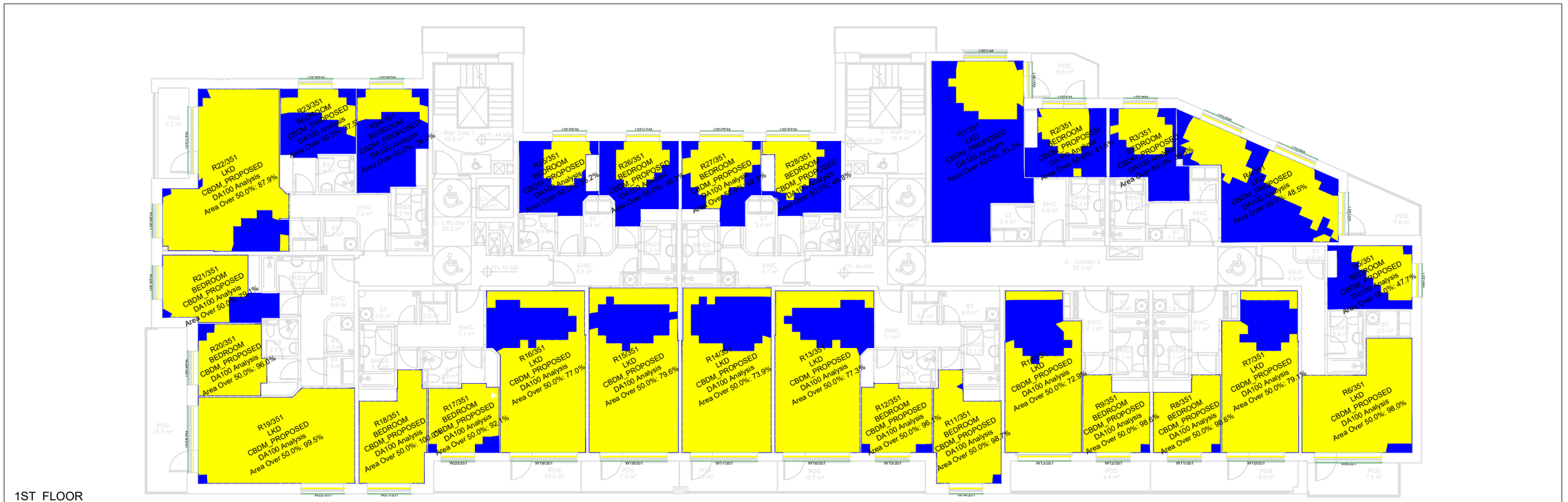
Project No.	Drawing No.	Revision
HA163_12B	BRE_17	-

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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name: Hartfield Place, Dublin

Drawing Title: CBDM European results for BLOCK C

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

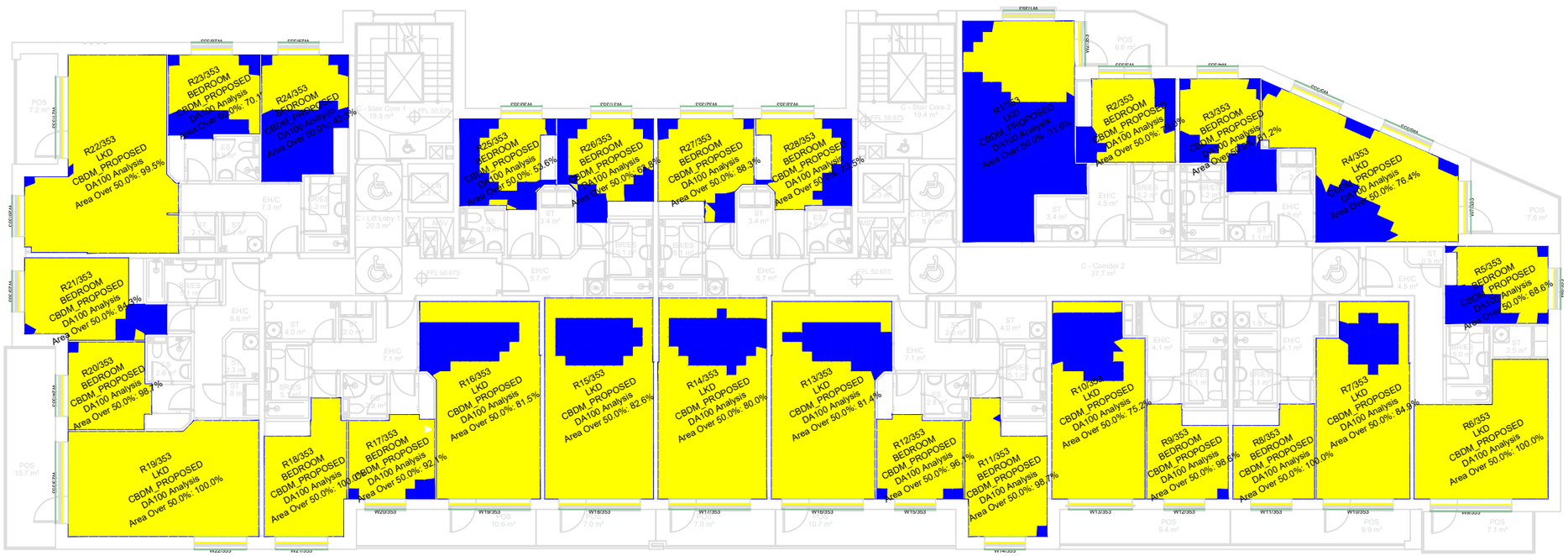
Project No.	Drawing No.	Revision
HA163_12B	BRE_18	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK C

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12B	BRE_19	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3
Hartfield Place, Dublin	AC	1/200
Drawing Title		
CBDM European results for		
BLOCK C		

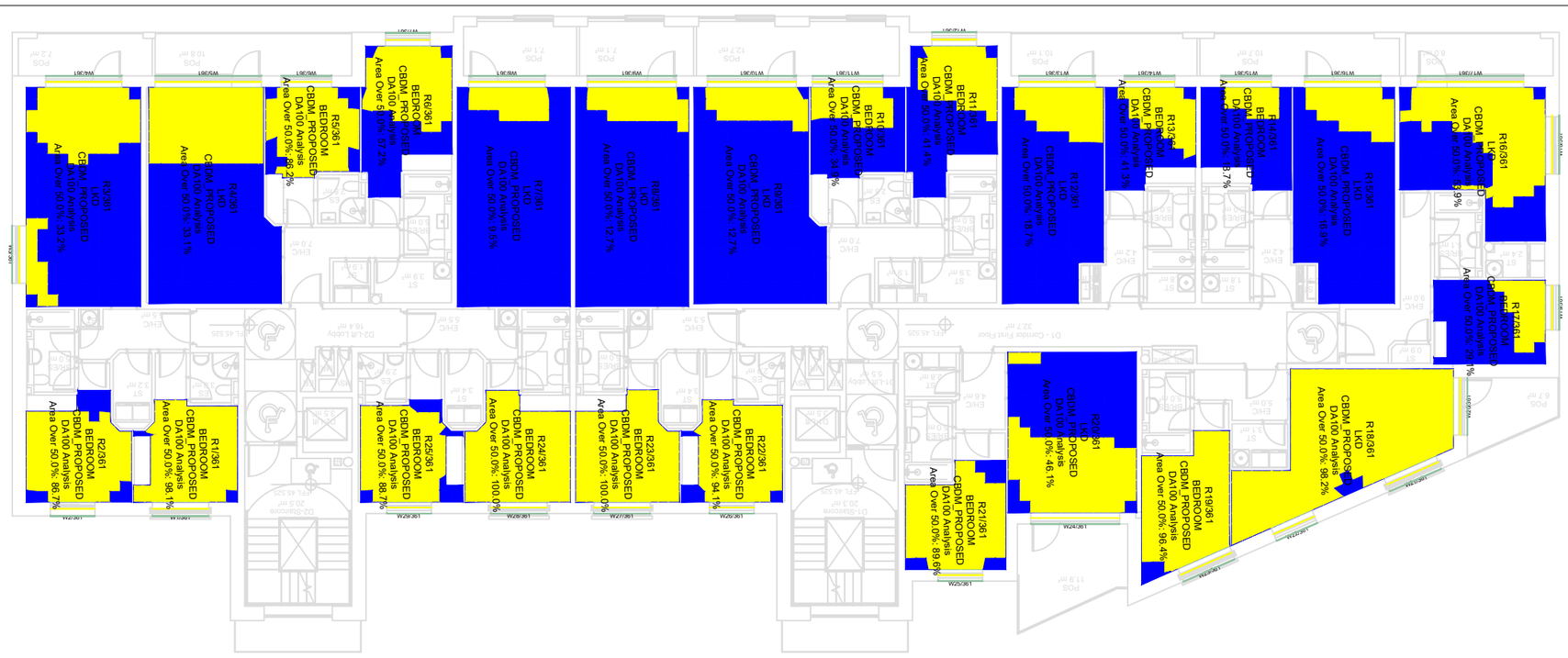
Date	Project No.	Drawing No.	Revision
21 Feb 2022	HA163_12B	BRE_20	-

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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12B	BRE_21	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

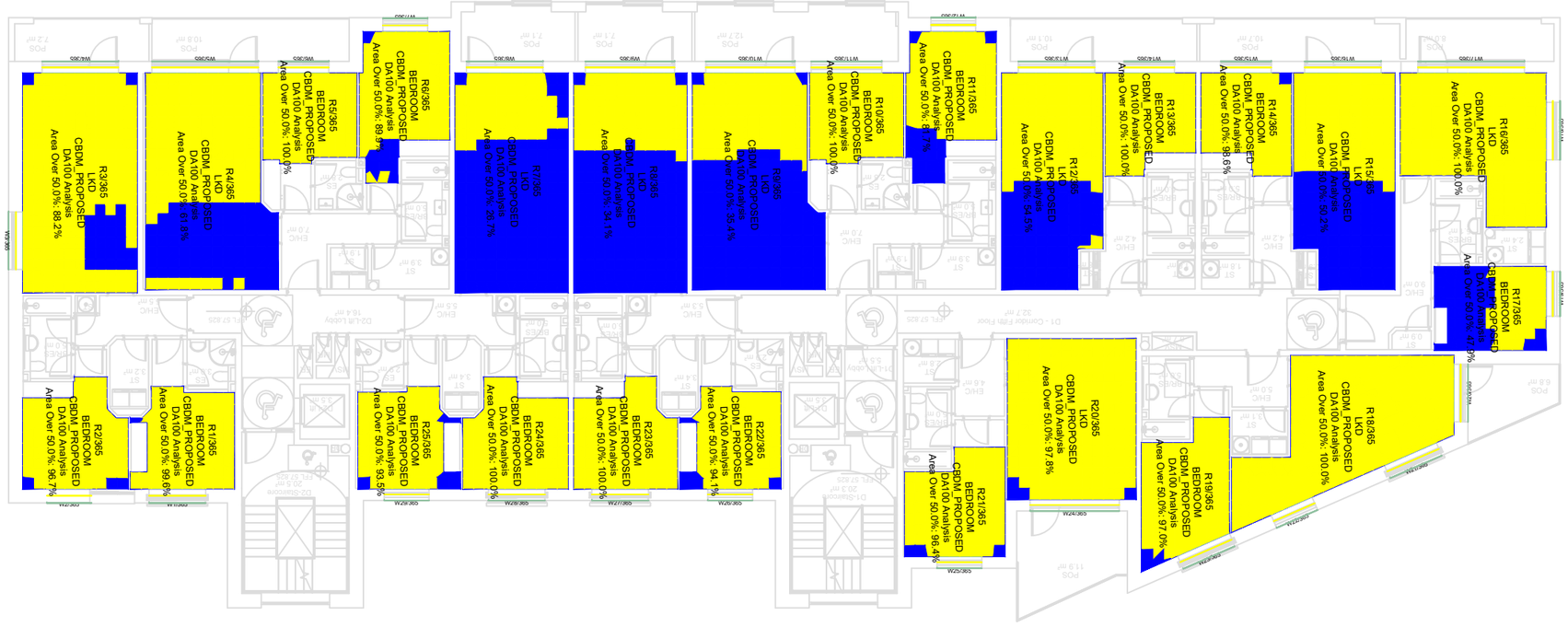
Project No.	Drawing No.	Revision
HA163_12B	BRE_22	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK D

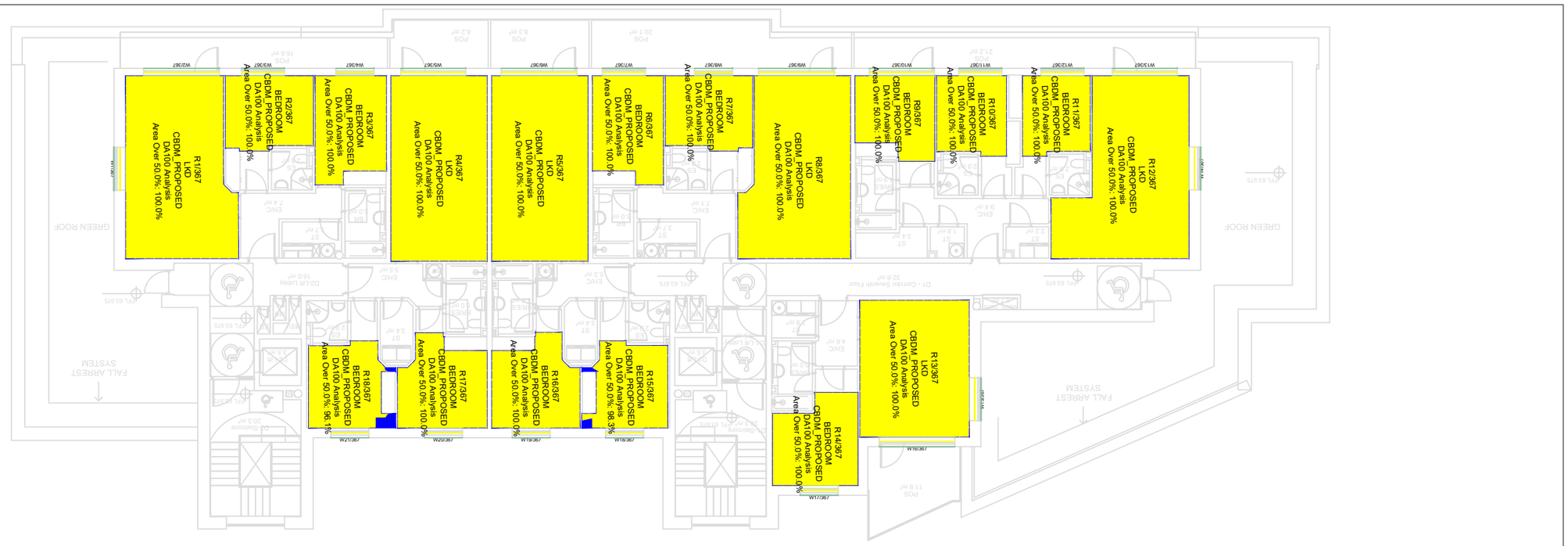
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12B	BRE_23	-

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6TH FLOOR



7TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

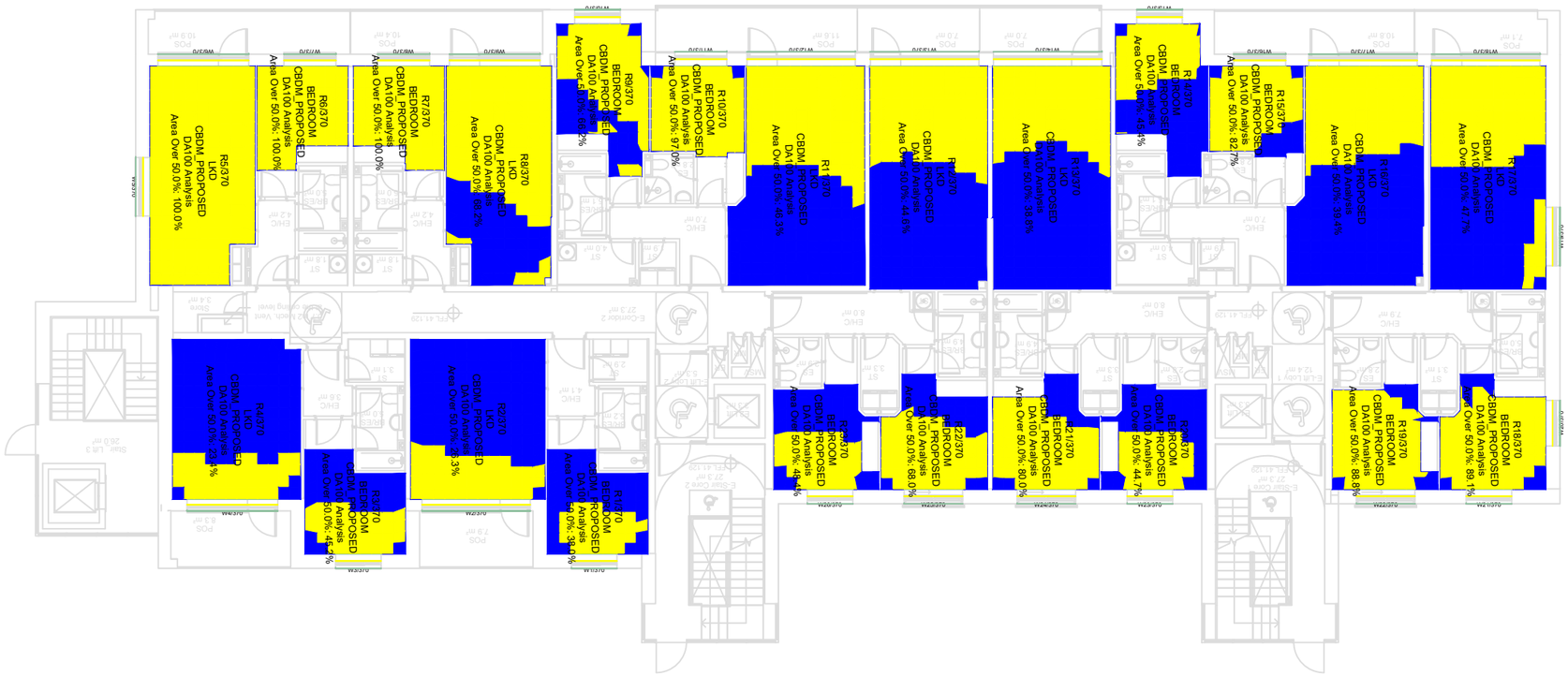
Drawing Title
CBDM European results for
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

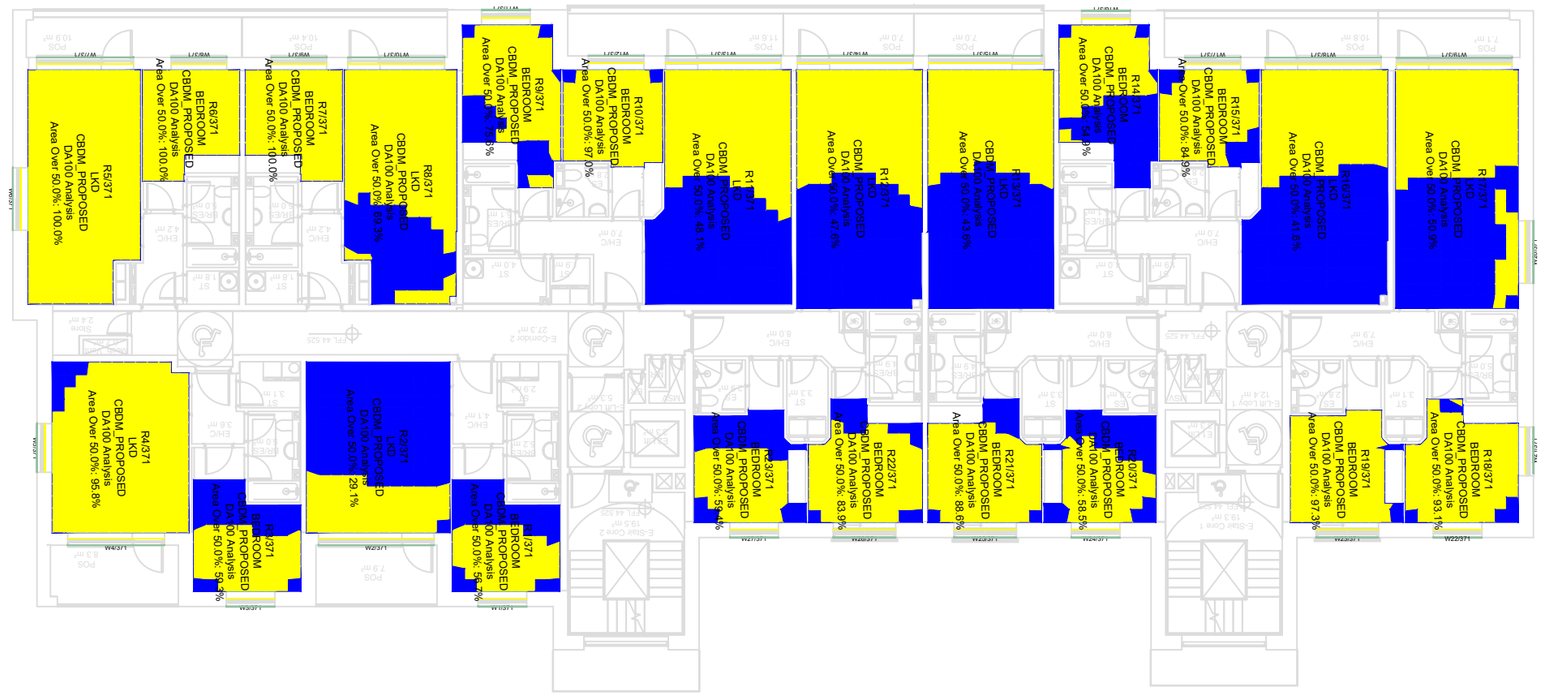
Project No.	Drawing No.	Revision
HA163_12B	BRE_24	-

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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12B	BRE_25	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name: Hartfield Place, Dublin

Drawing Title: CBDM European results for BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12B	BRE_26	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

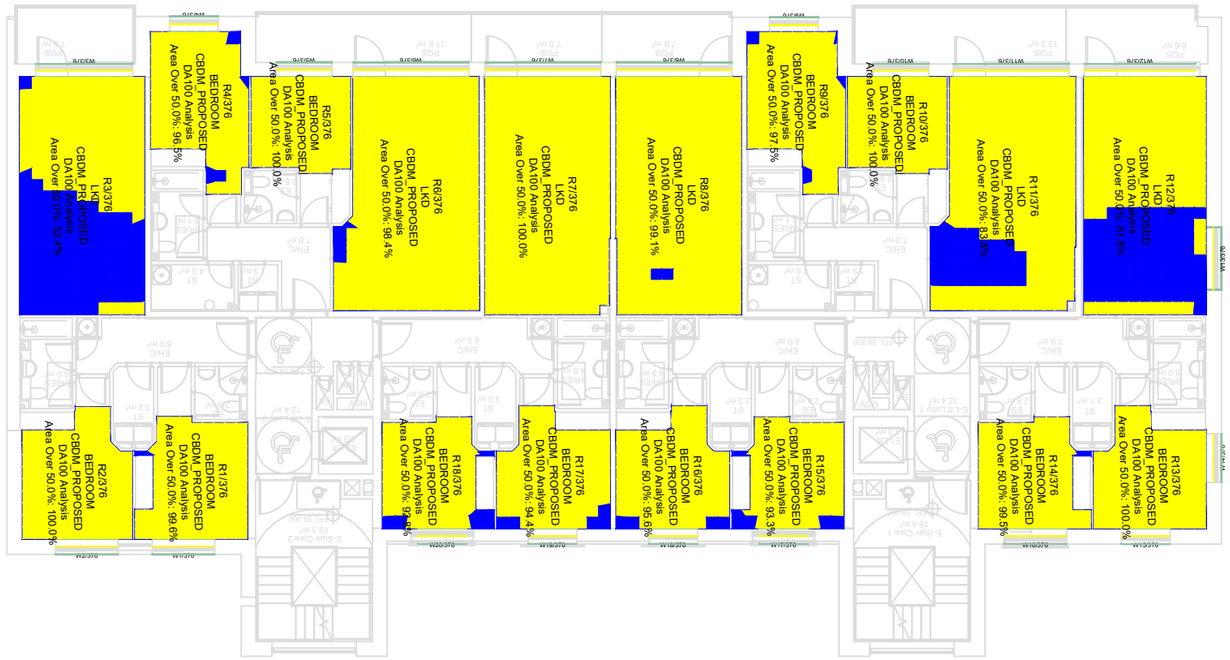
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK E

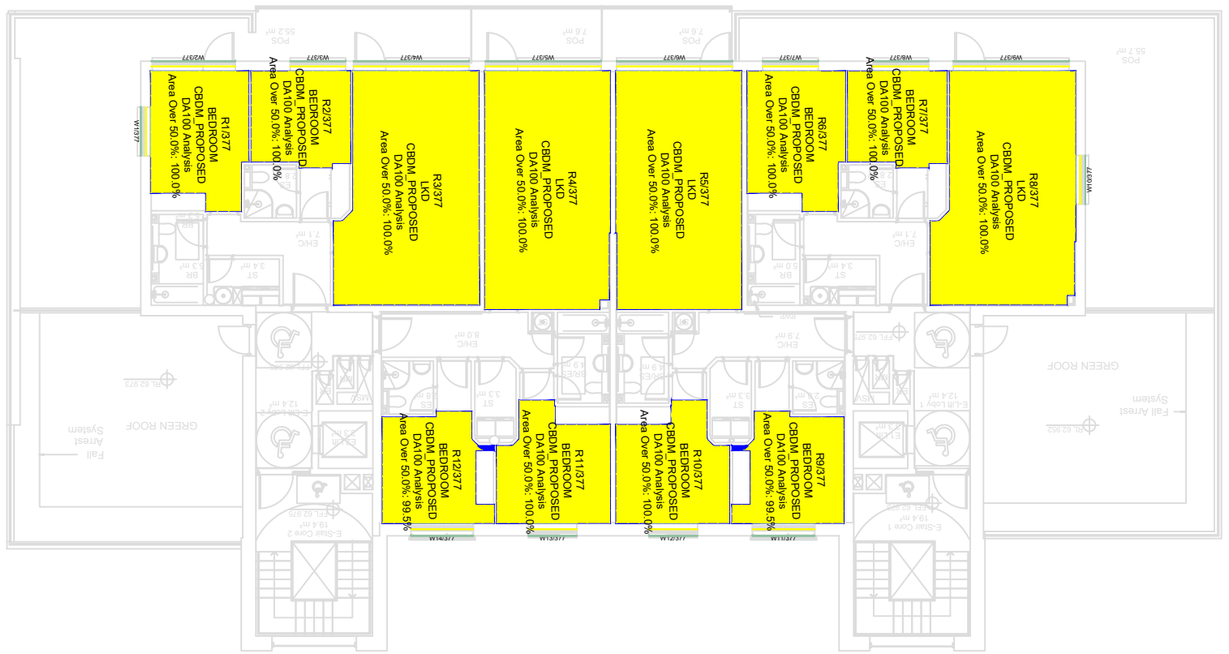
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12B	BRE_27	-

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6TH FLOOR



7TH FLOOR

Key:
Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

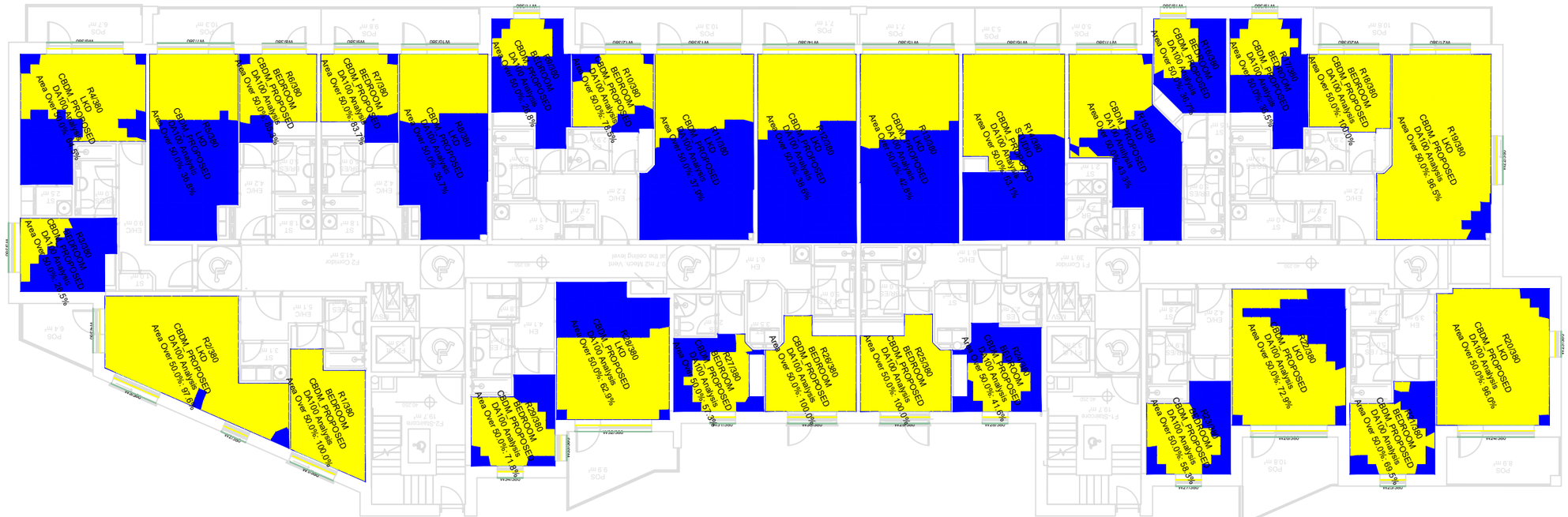
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

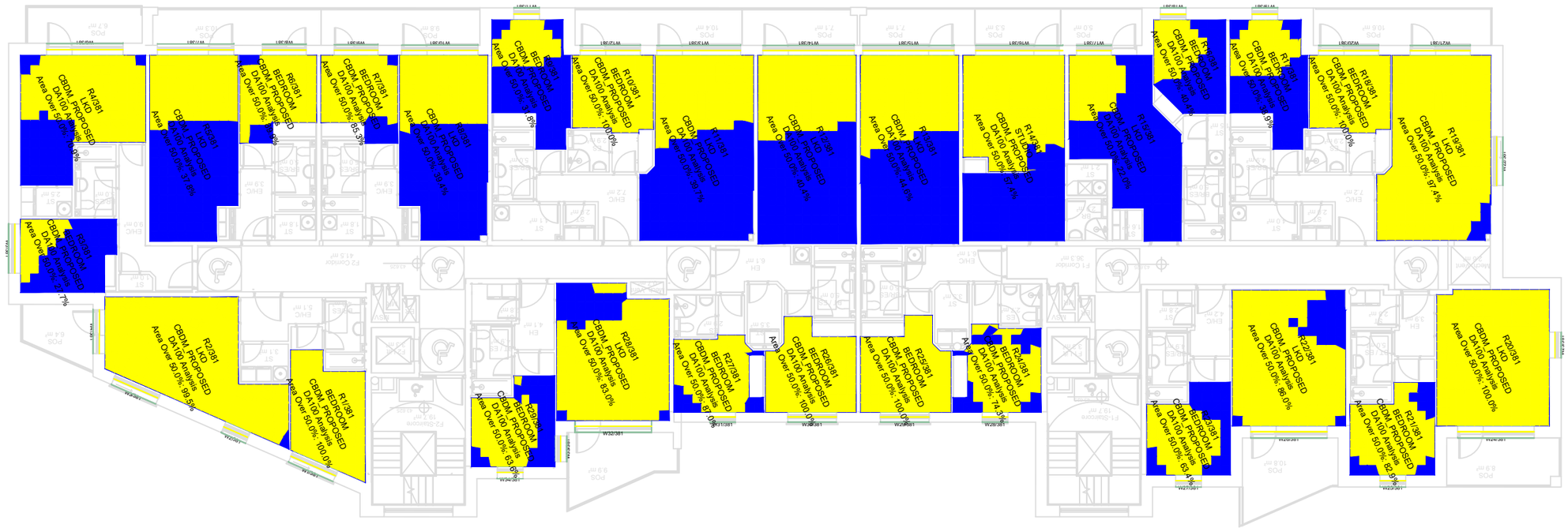
Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	21 Feb 2022
Drawing Title			
CBDM European results for BLOCK E	Project No.	Drawing No.	Revision
	HA163_12B	BRE_28	-

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GROUND FLOOR



1ST FLOOR

Key:
Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK F

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

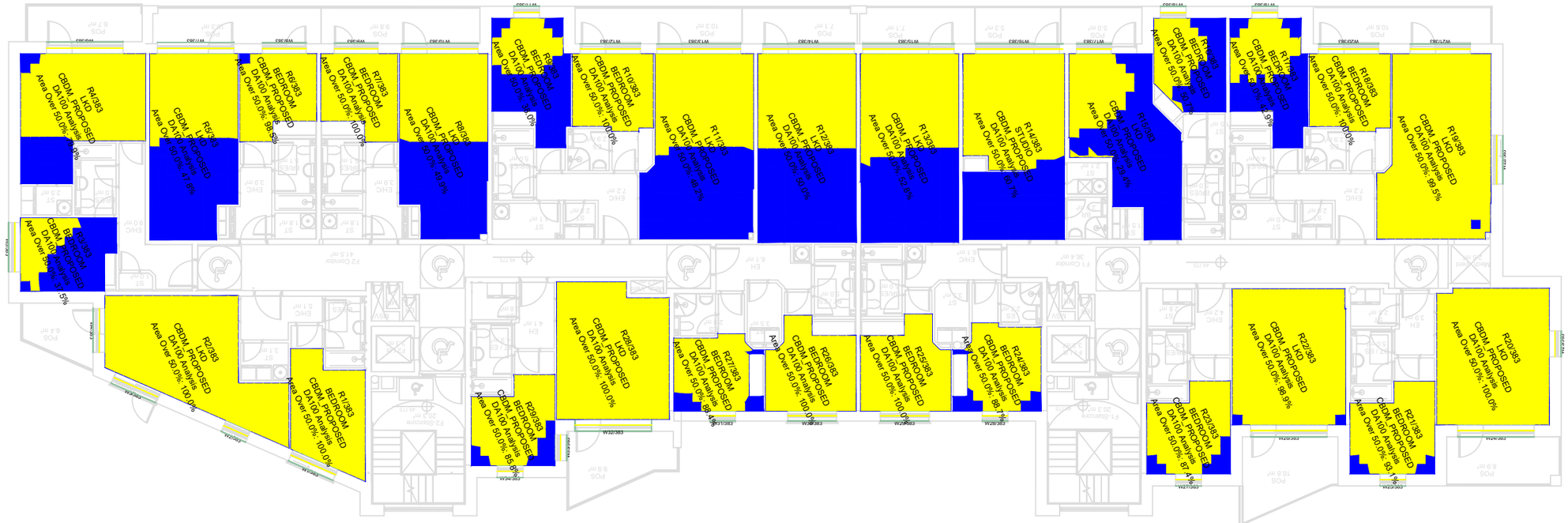
Project No.	Drawing No.	Revision
HA163_12B	BRE_29	-

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2ND FLOOR



3RD FLOOR

Key:
Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

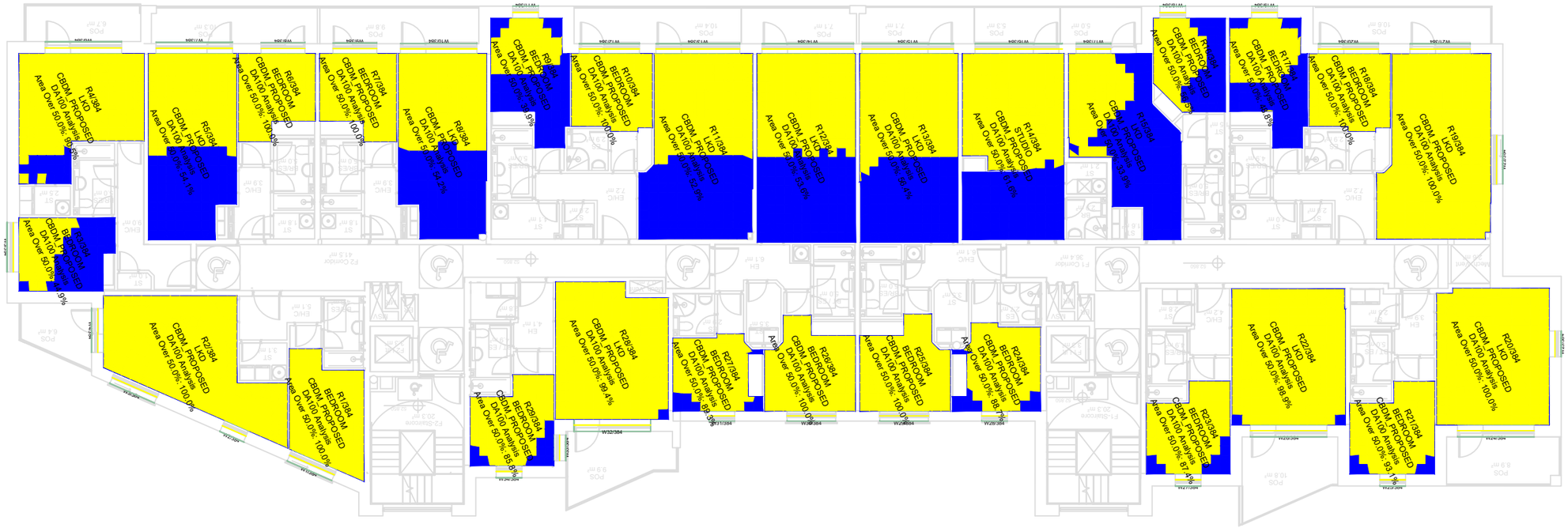
Drawing Title
CBDM European results for
BLOCK F

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12B	BRE_30	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

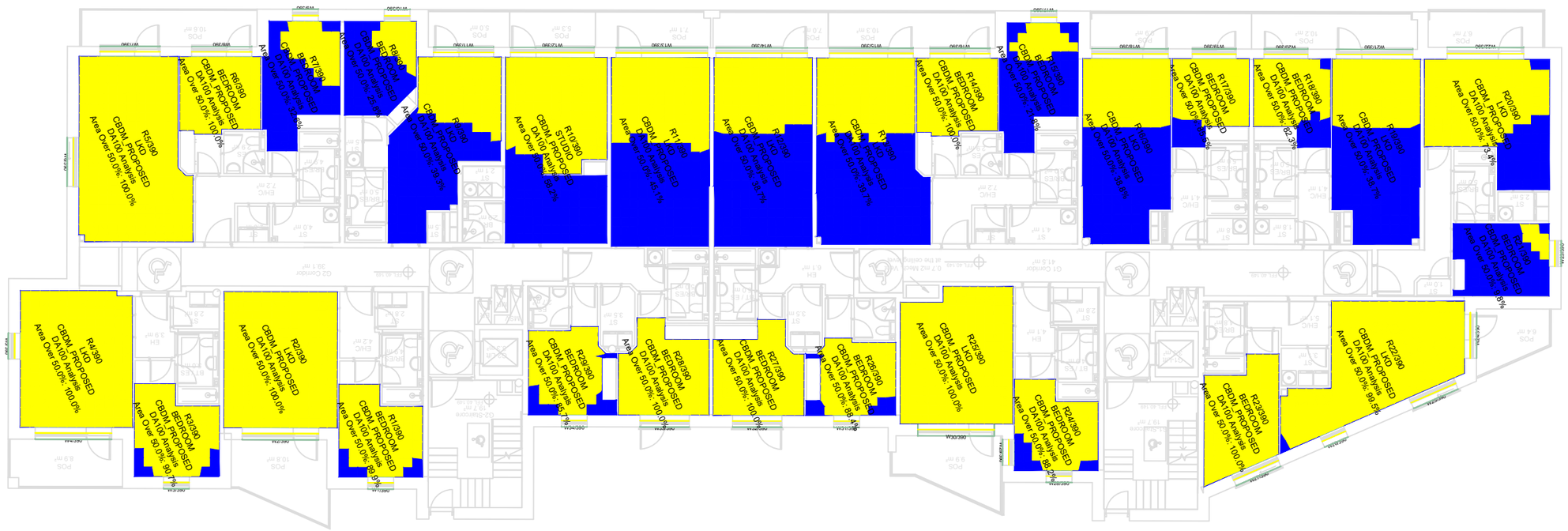
Drawing Title
CBDM European results for
BLOCK F

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

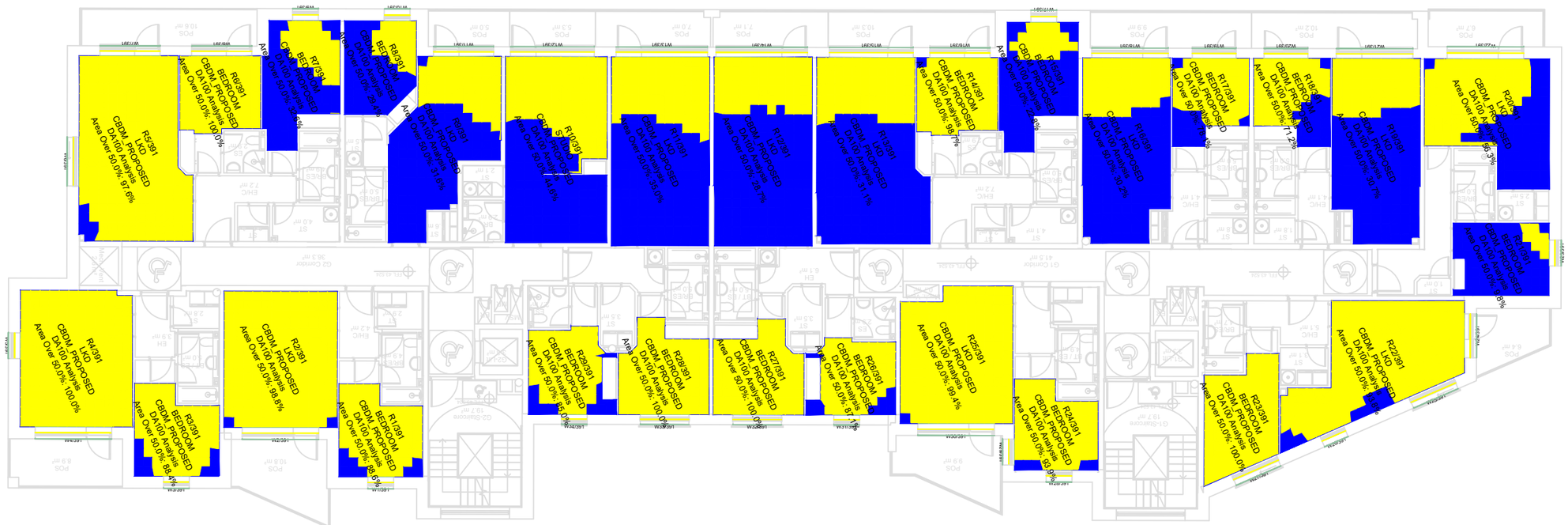
Project No.	Drawing No.	Revision
HA163_12B	BRE_31	-

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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

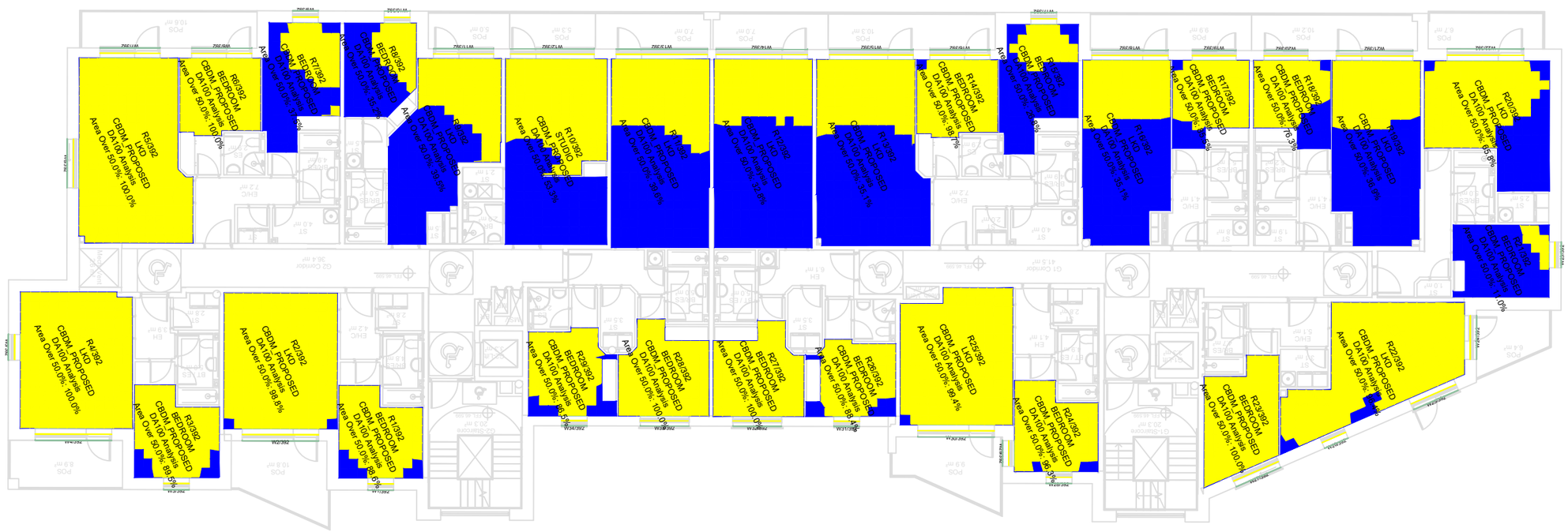
Drawing Title
CBDM European results for
BLOCK G

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

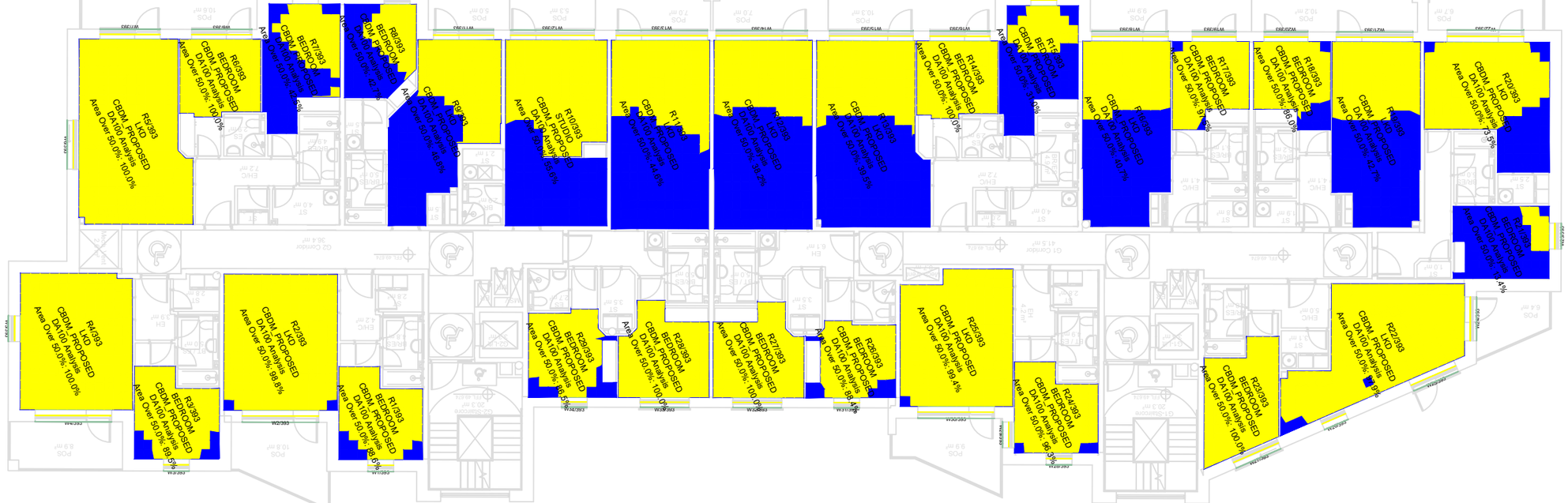
Project No.	Drawing No.	Revision
HA163_12B	BRE_32	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

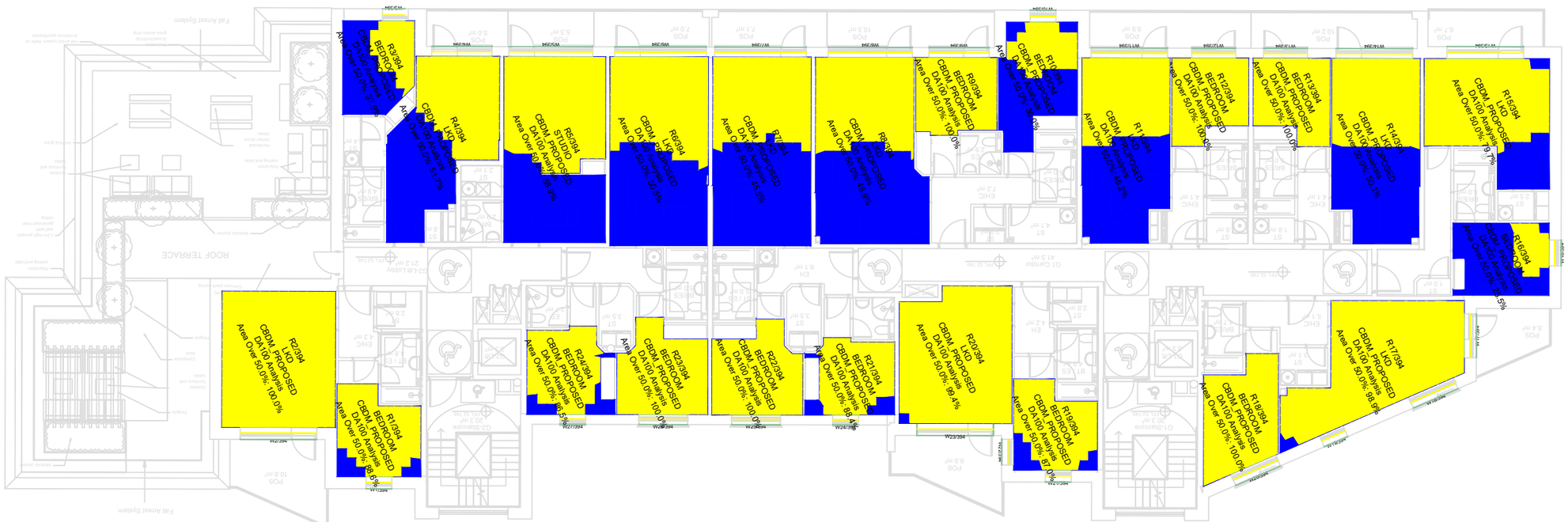
Drawing Title
CBDM European results for
BLOCK G

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12B	BRE_33	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA100 >100 Lux

Area analysed

0.0% Area exceeds >100 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

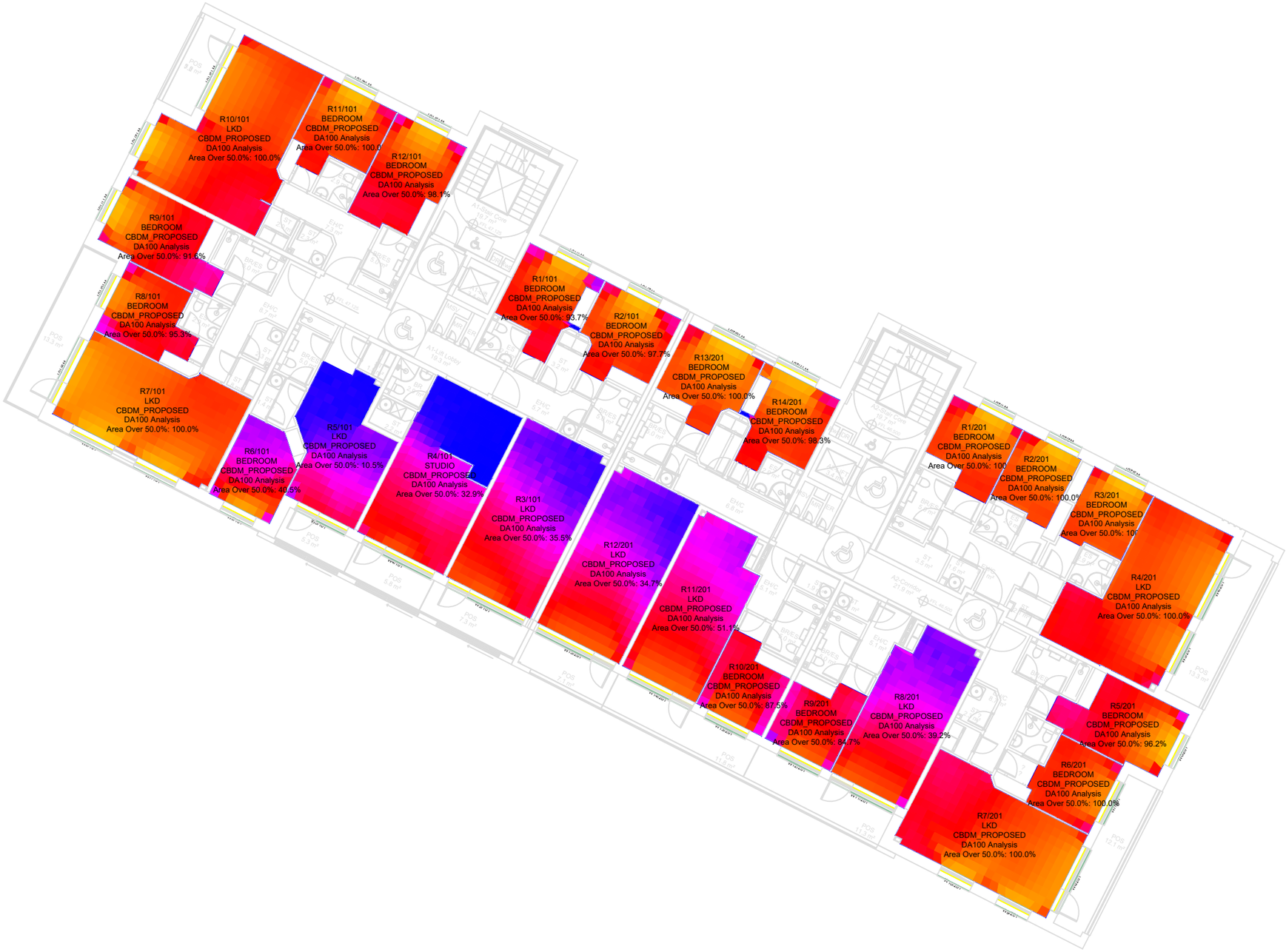
BLOCK G

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12B	BRE_34	-

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N



1ST FLOOR

Key:

Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name: Hartfield Place, Dublin

Drawing Title: CBDM European results for BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12C	BRE_05	-

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N

R10/102
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%

R11/102
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%

R12/102
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 98.1%

R9/102
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 95.0%

R8/102
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 95.3%

R7/102
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%

R6/102
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 82

R5/102
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 18.3%

R4/102
STUDIO
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 39.1%

R3/102
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 42.3%

R12/202
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 37.4%

R11/202
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 56.4%

R10/202
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 94.0%

R9/202
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 93.5%

R8/202
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 45.1%

R7/202
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%

R6/202
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%

R5/202
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 98.2%

R4/202
LKD
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%

R3/202
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 10

R2/202
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%

R1/202
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100

R1/102
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 93.7%

R2/102
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 98.9%

R13/202
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 100.0%

R14/202
BEDROOM
CBDM_PROPOSED
DA100 Analysis
Area Over 50.0%: 98.3%

2ND FLOOR

Key:
Climate Based Daylight Autonomy
DA100 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

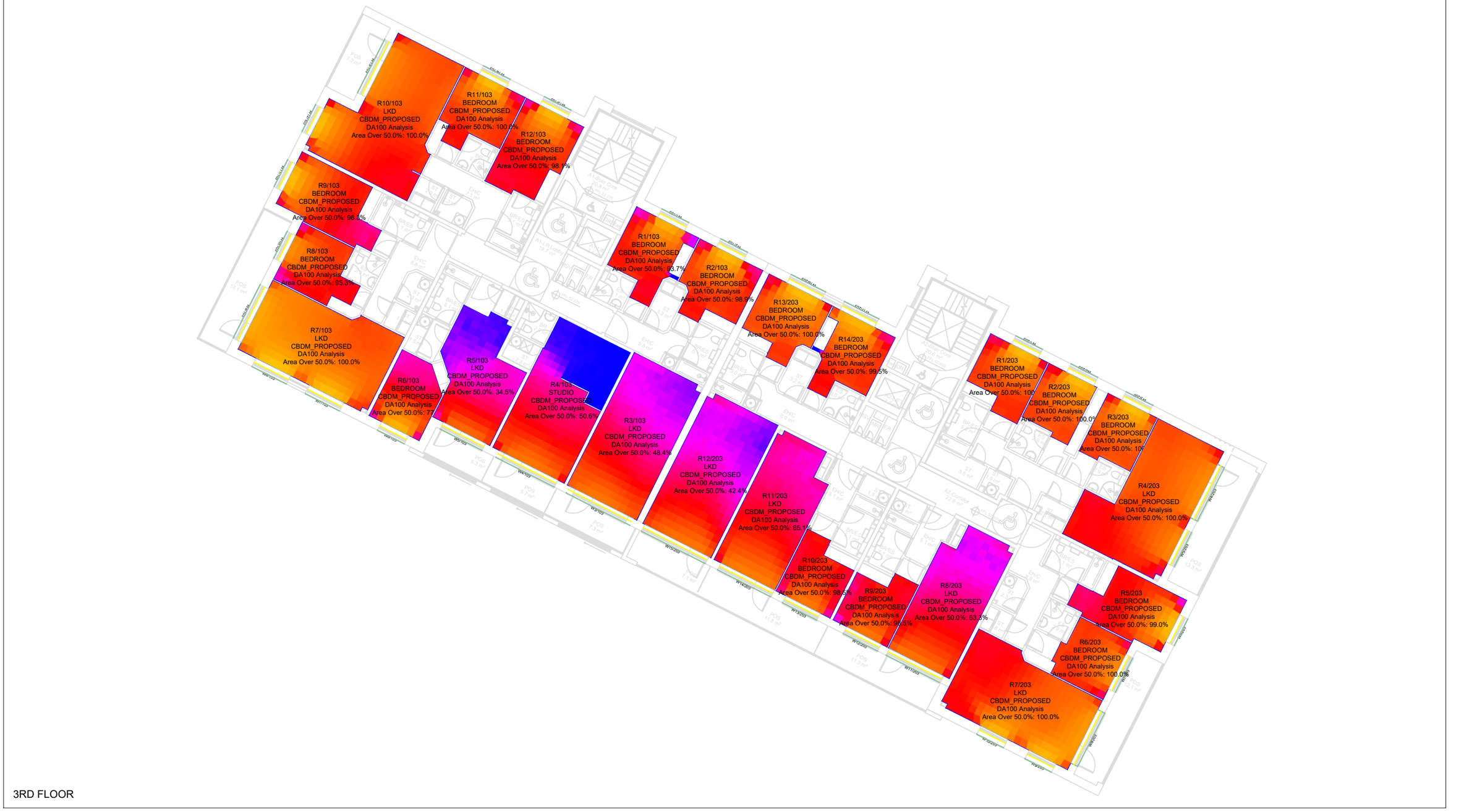
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	21 Feb 2022
Drawing Title			
CBDM European results for BLOCK A	**Project No.**	**Drawing No.**	**Revision**
	HA163_12C	BRE_06	-

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3RD FLOOR

Key:
Climate Based Daylight Autonomy
DA100 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

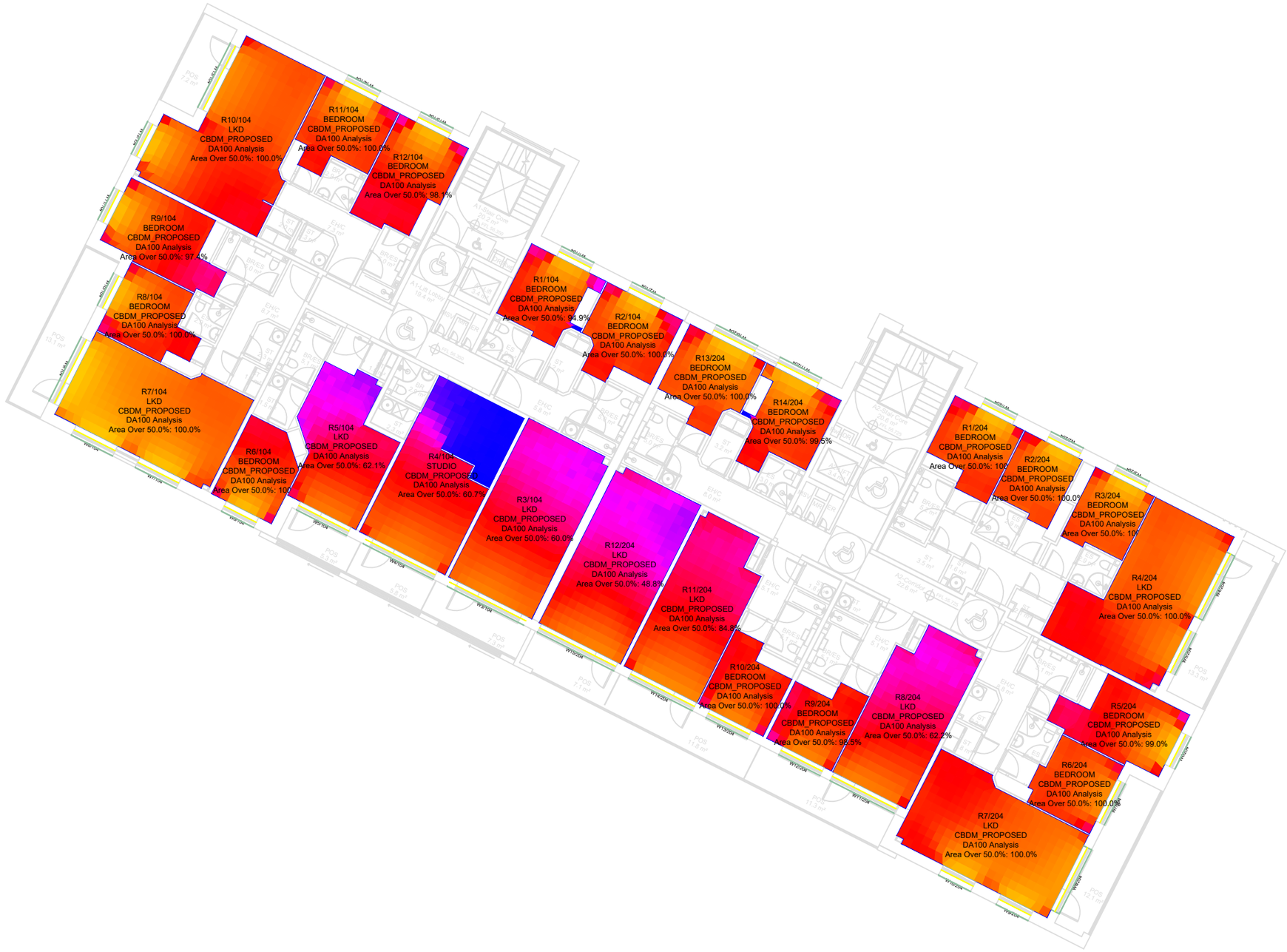
Drawing Title
CBDM European results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12C	BRE_07	-

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N



4TH FLOOR

Key:

Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

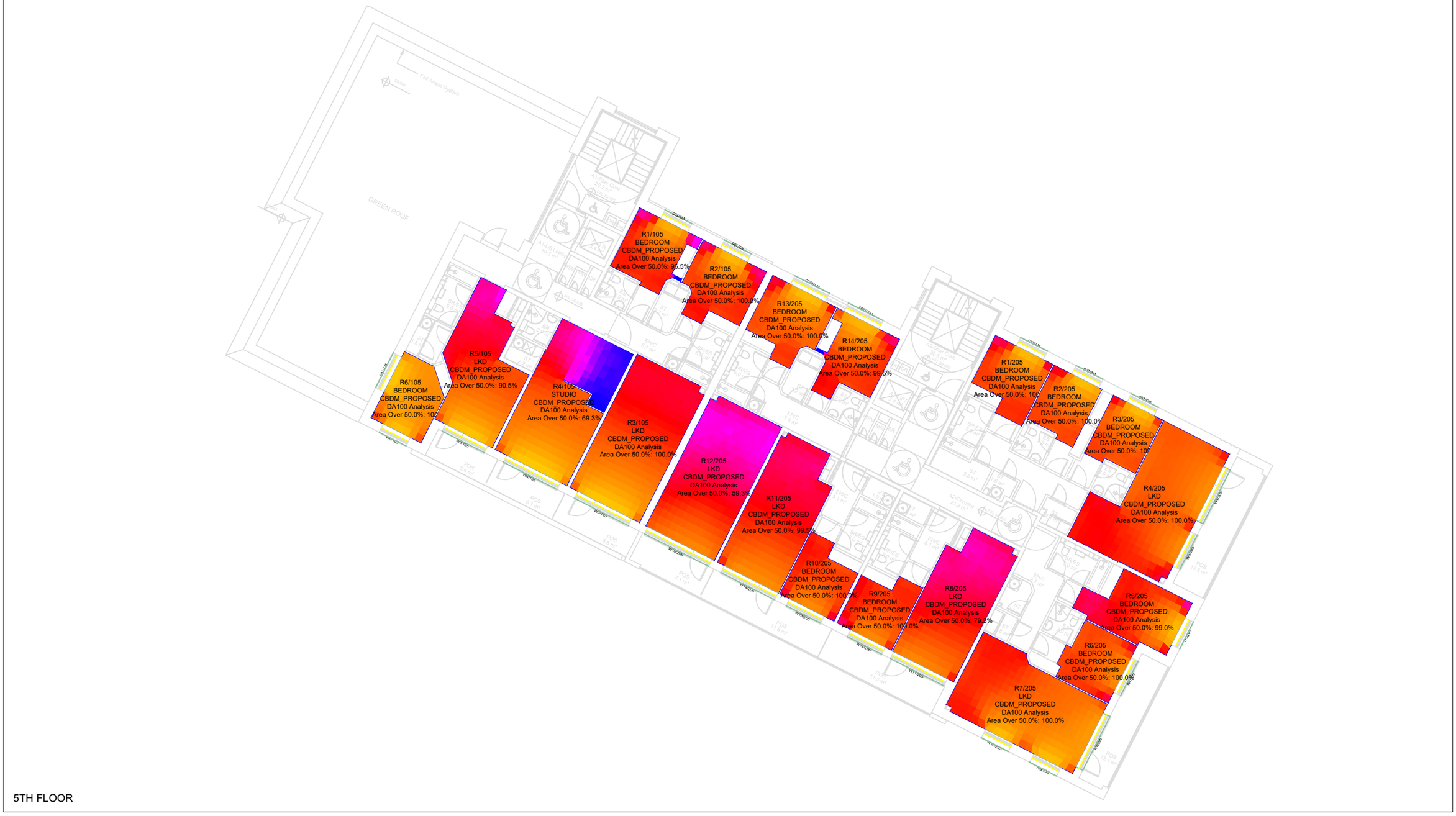
CBDM European results for

BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12C	BRE_08	-

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5TH FLOOR

Key:
Climate Based Daylight Autonomy
DA100 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK A

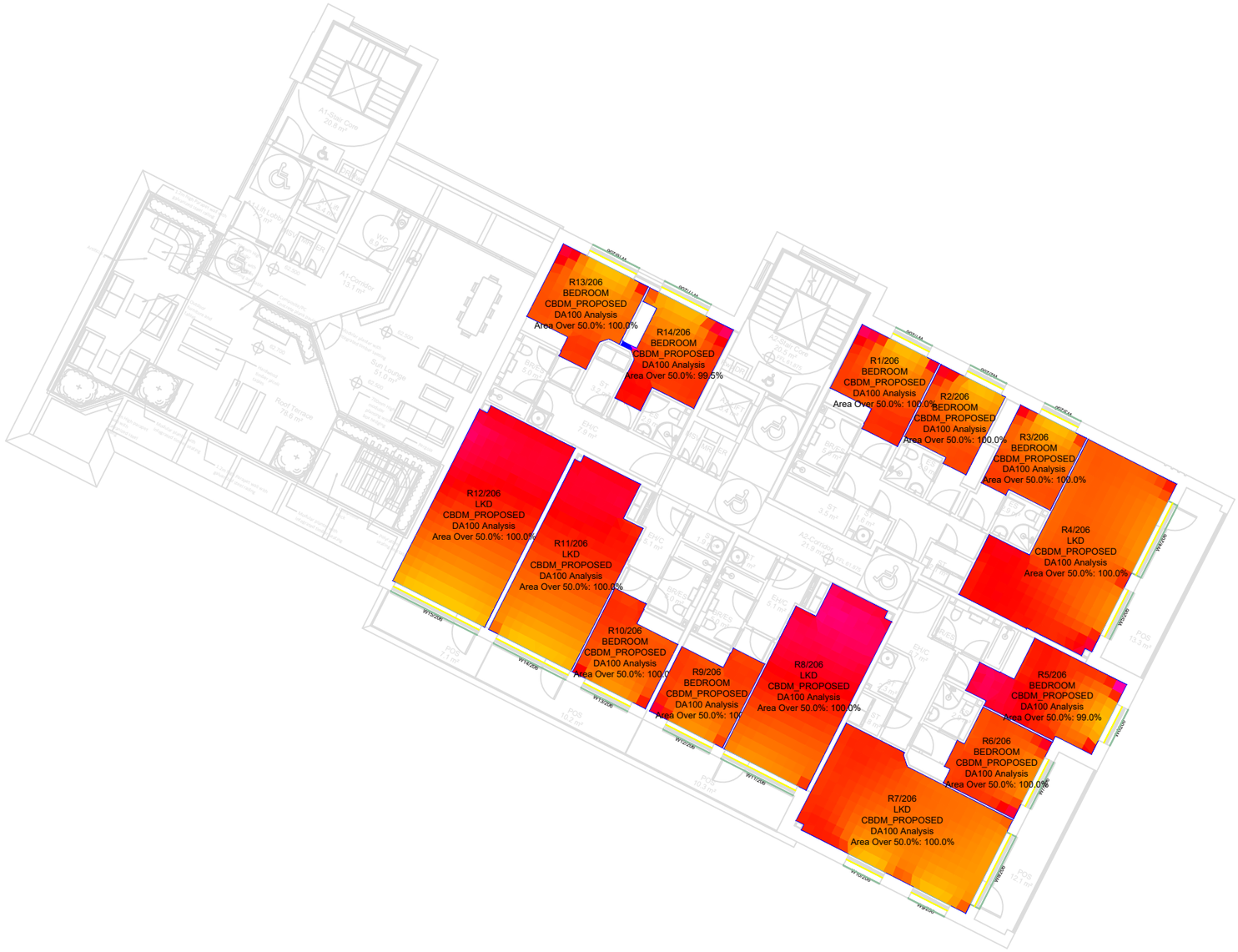
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12C	BRE_09	-

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N



6TH FLOOR

Key:
Climate Based Daylight Autonomy
DA100 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK A

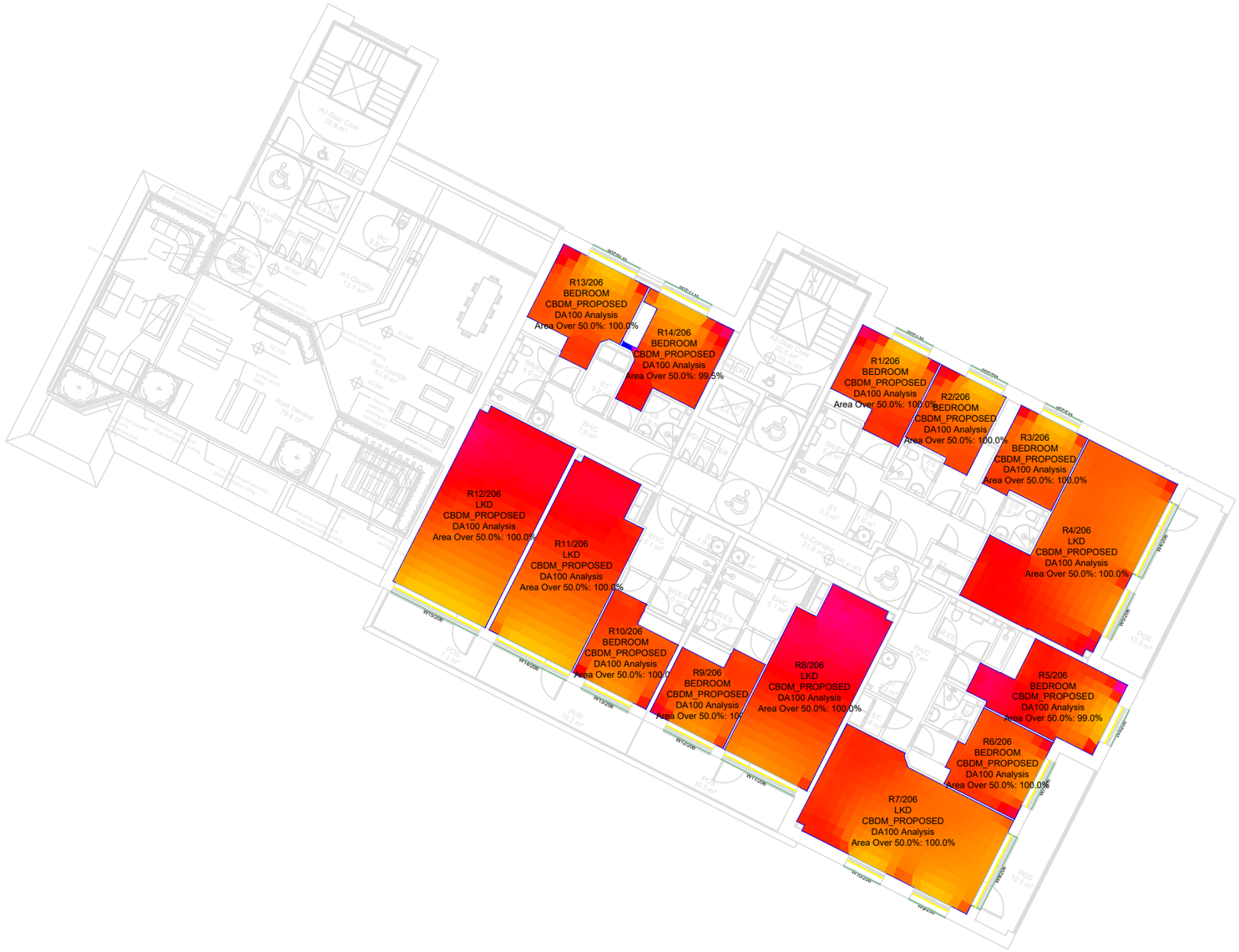
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12C	BRE_10	-

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N



7TH FLOOR

Key:
Climate Based Daylight Autonomy
DA100 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

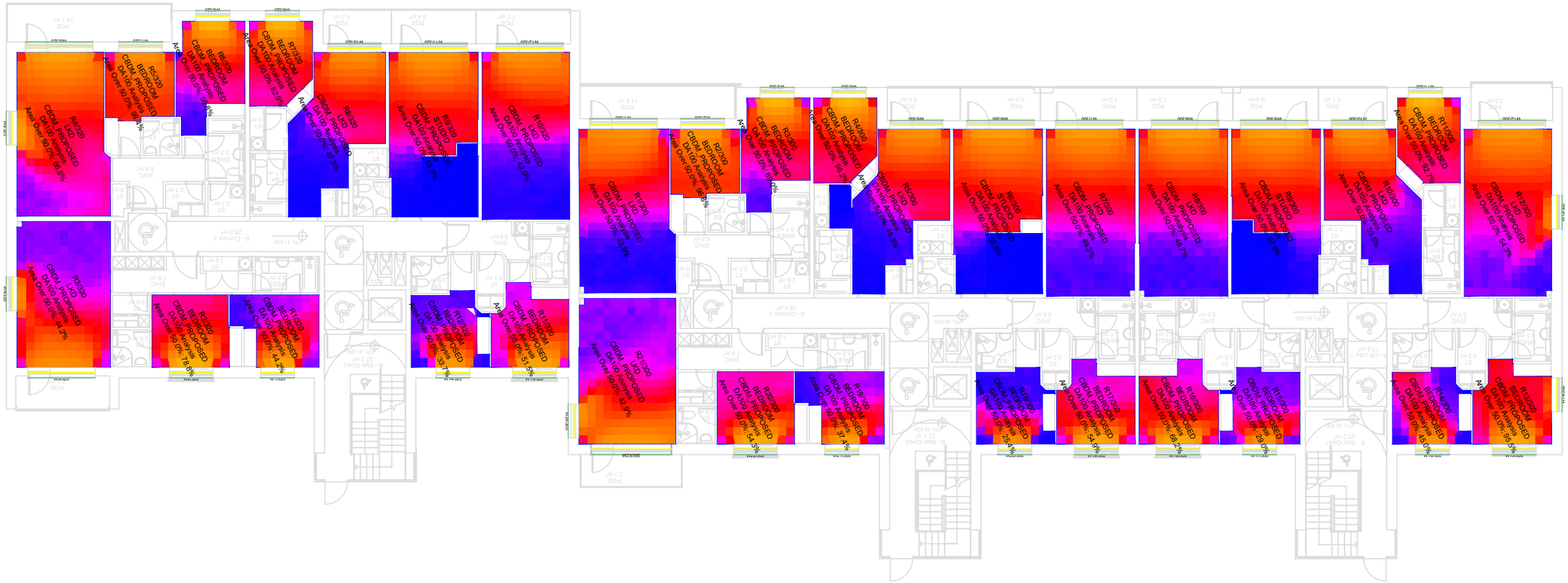
Drawing Title
CBDM European results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12C	BRE_11	-

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GROUND FLOOR

Key:
Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

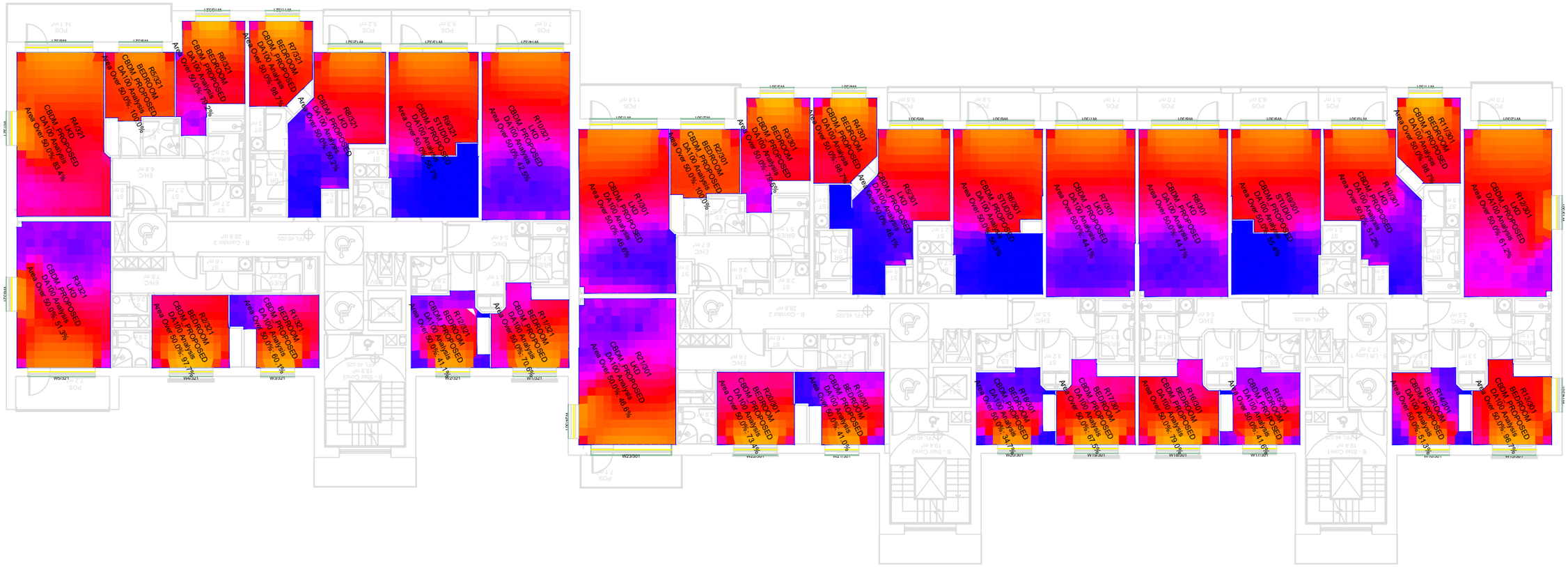
Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12C	BRE_12	-

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1ST FLOOR

Key:
Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

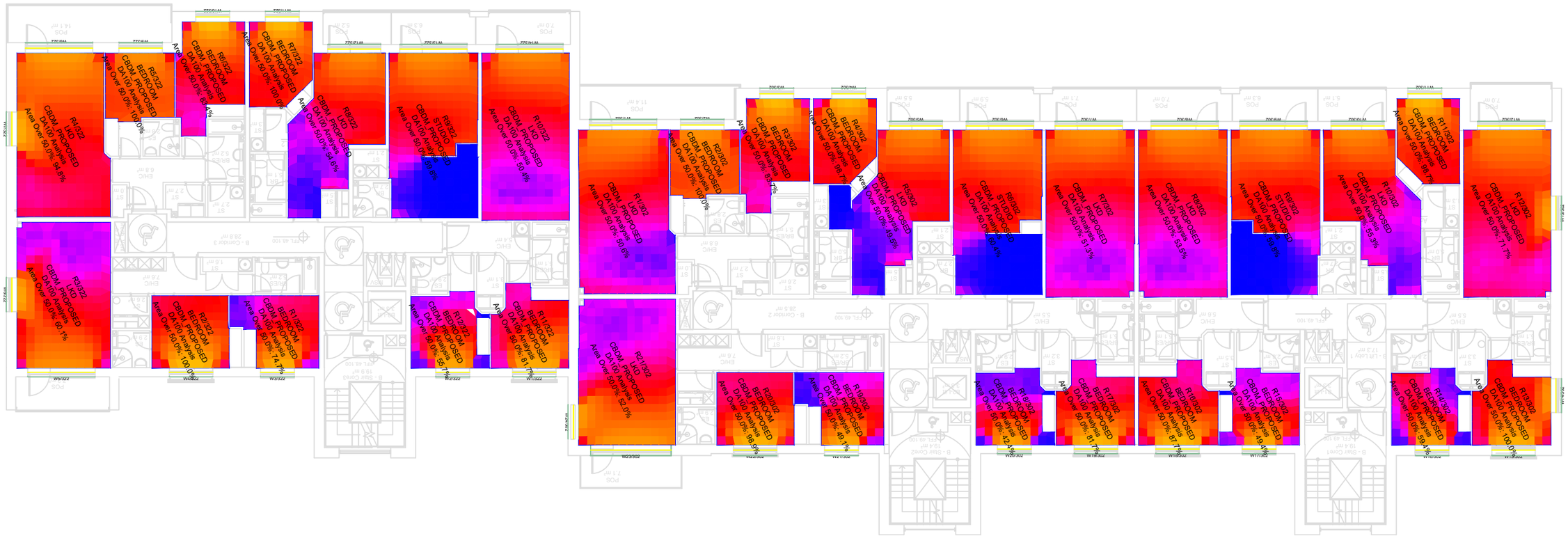
Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12C	BRE_13	-

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2ND FLOOR

Key:
Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

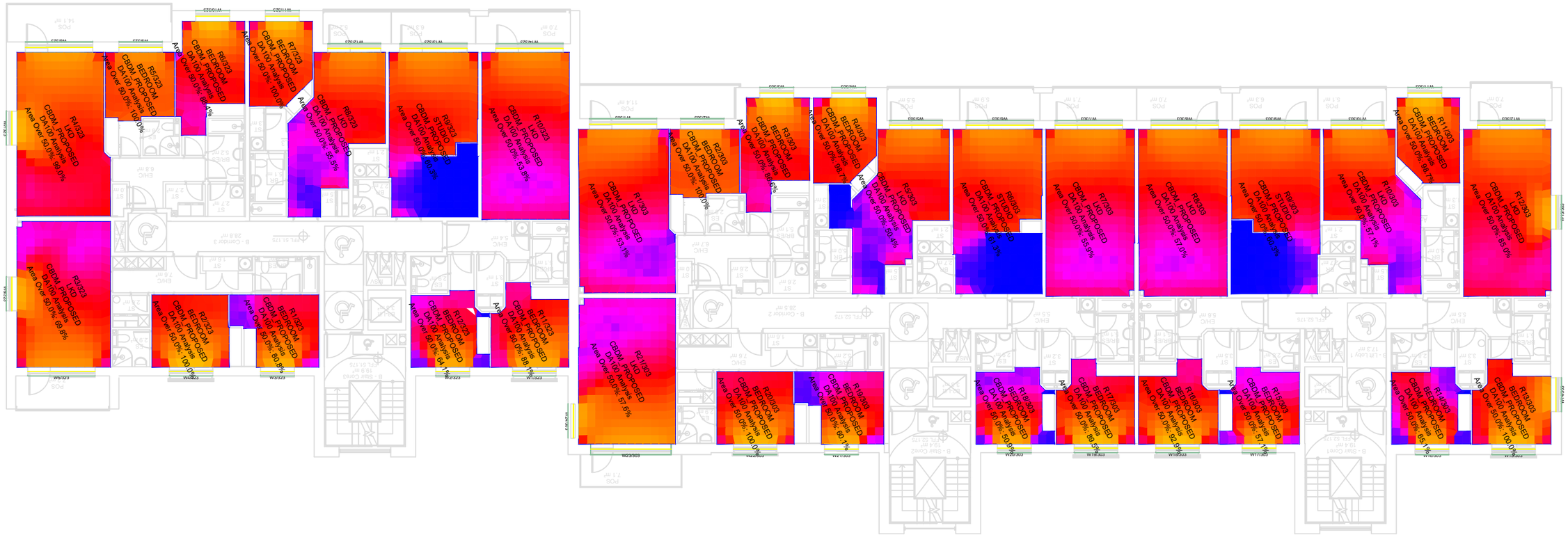
Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12C	BRE_14	-

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3RD FLOOR

Key:
Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

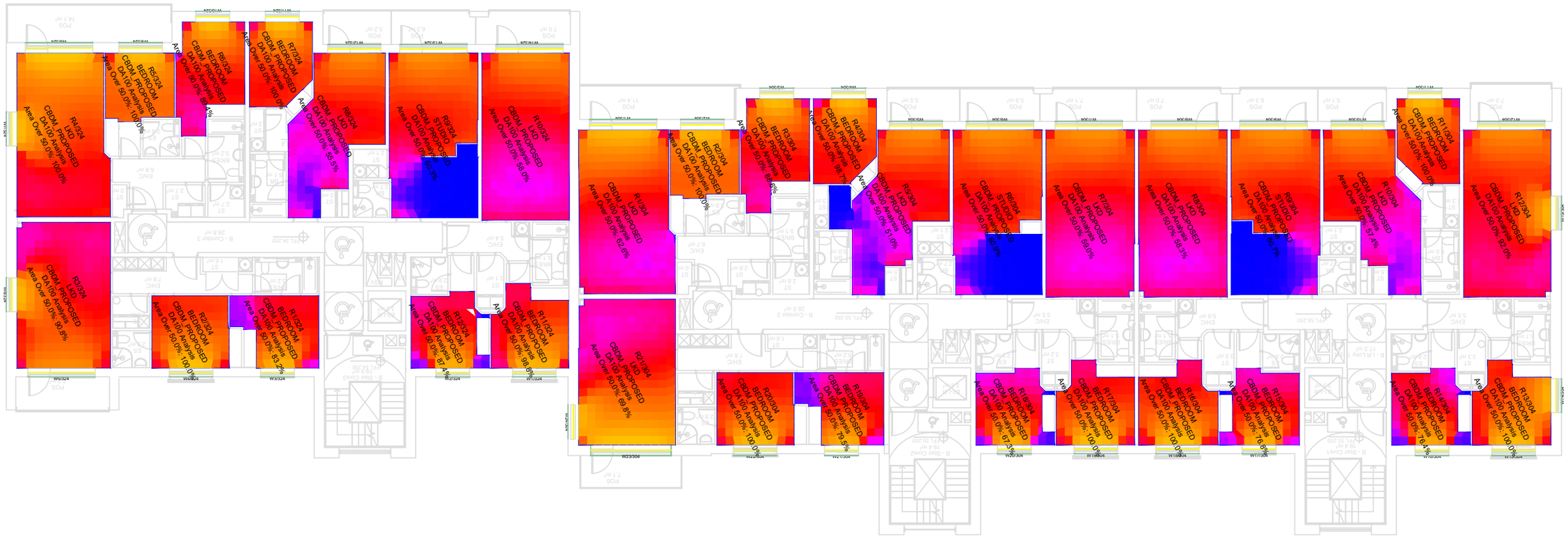
Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12C	BRE_15	-

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4TH FLOOR

Key:
Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

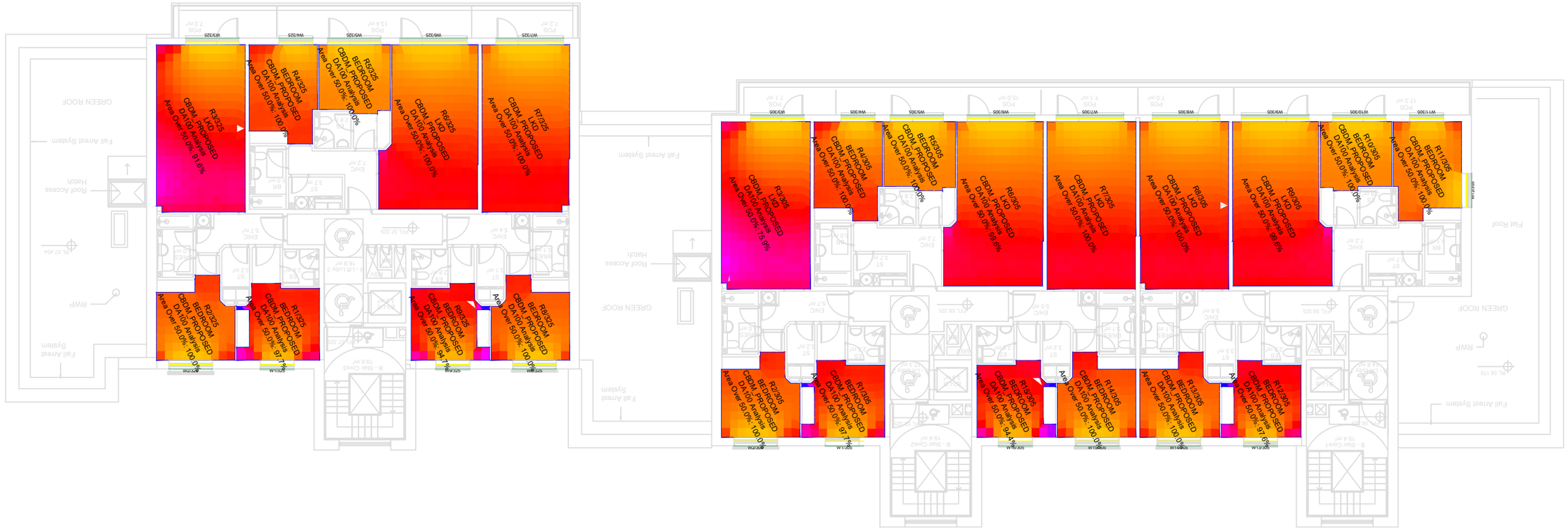
Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12C	BRE_16	-

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5TH FLOOR

Key:
Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

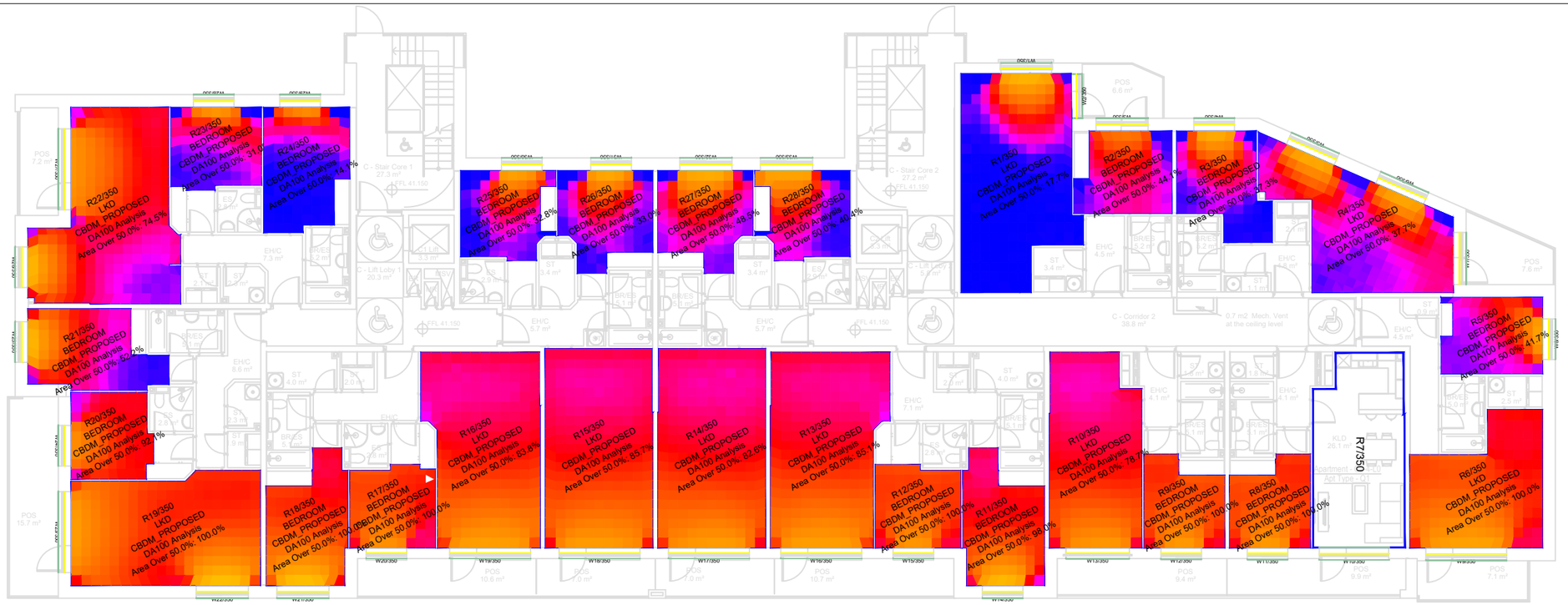
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

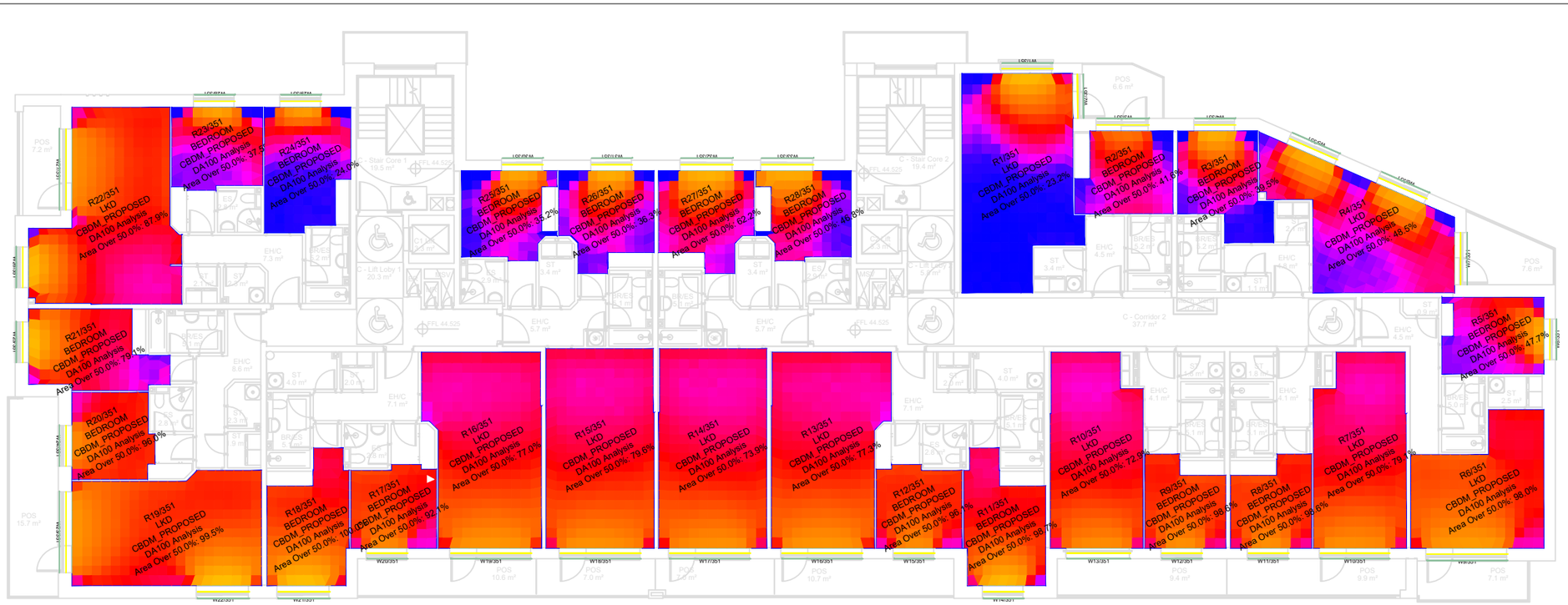
Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	21 Feb 2022
Drawing Title			
CBDM European results for BLOCK B	Project No.	Drawing No.	Revision
	HA163_12C	BRE_17	-

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GROUND FLOOR



1ST FLOOR

Key:
Climate Based Daylight Autonomy
DA100 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

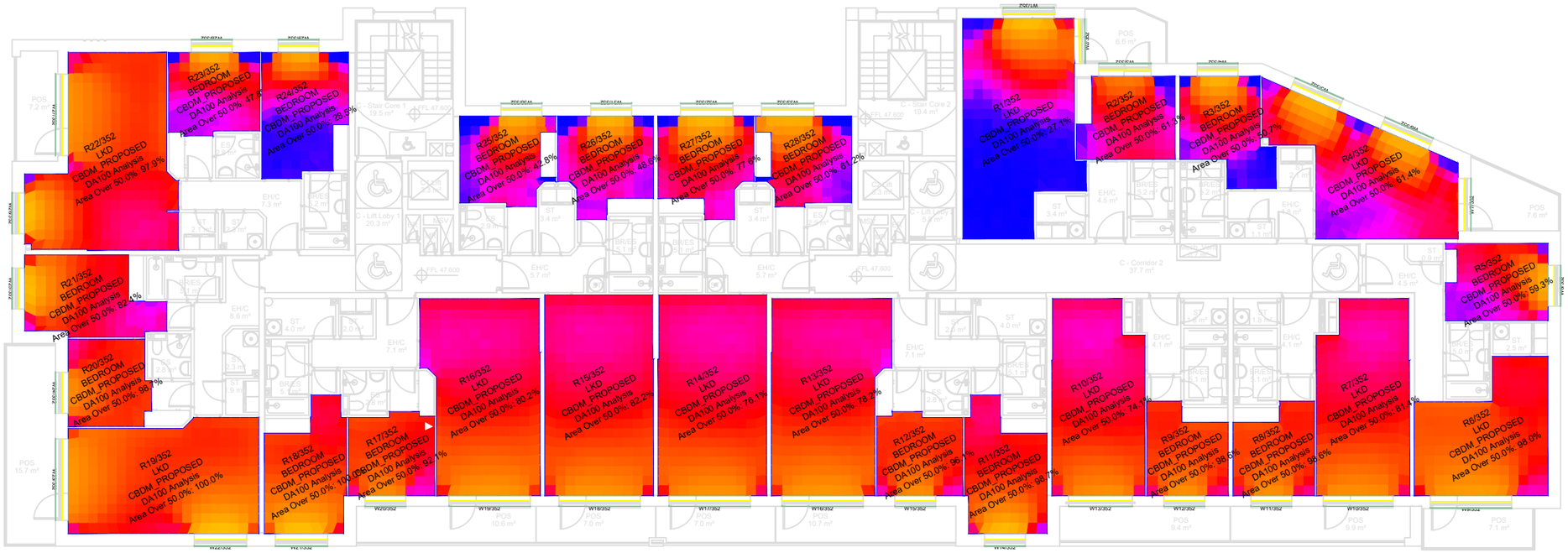
Drawing Title
CBDM European results for
BLOCK C

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

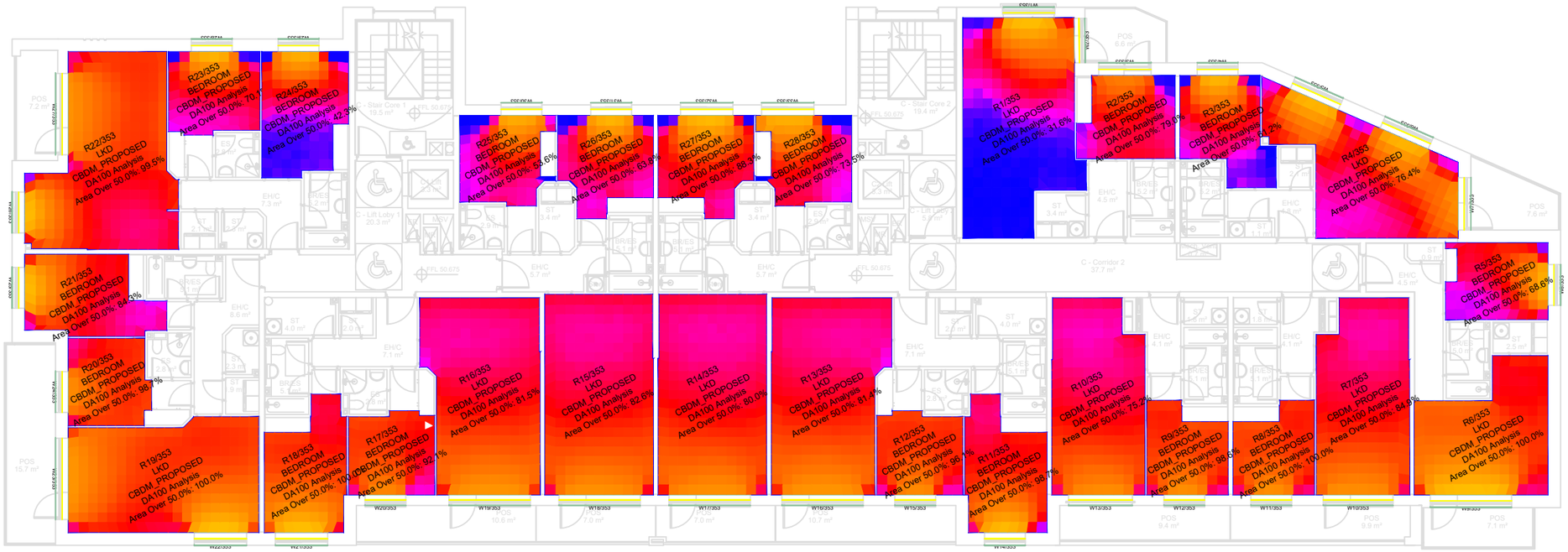
Project No.	Drawing No.	Revision
HA163_12C	BRE_18	-

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2ND FLOOR



3RD FLOOR

Key:
Climate Based Daylight Autonomy
DA100 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

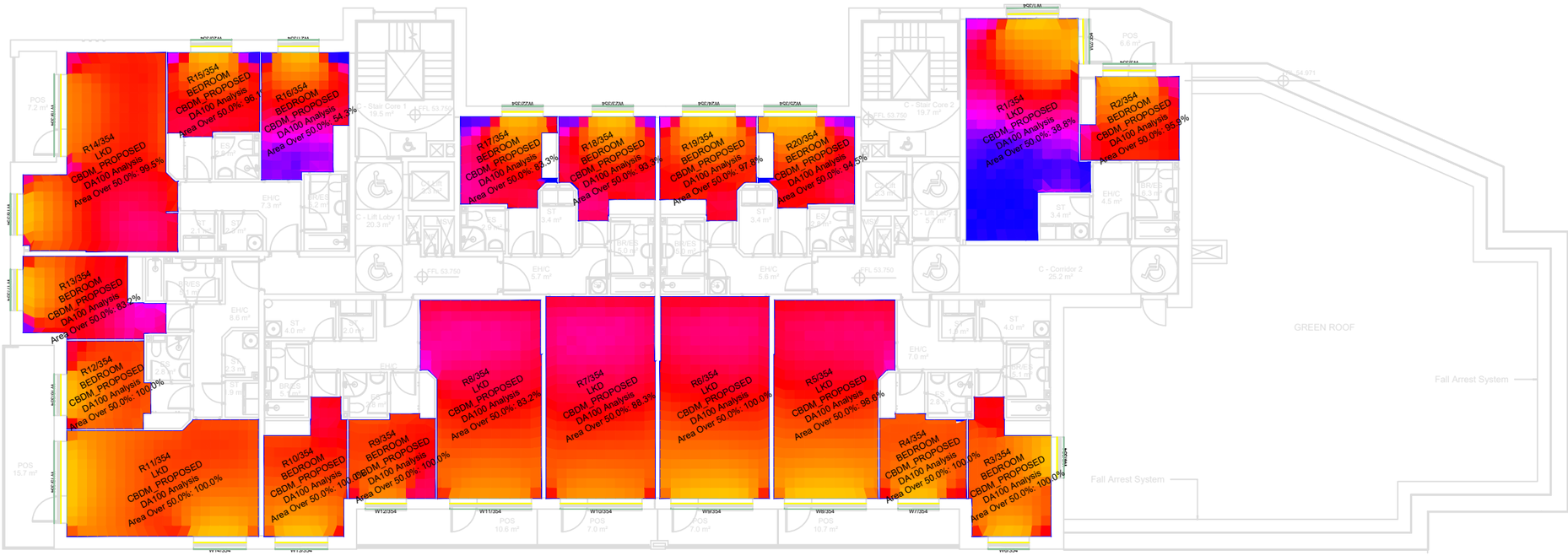
Drawing Title
CBDM European results for
BLOCK C

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12C	BRE_19	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

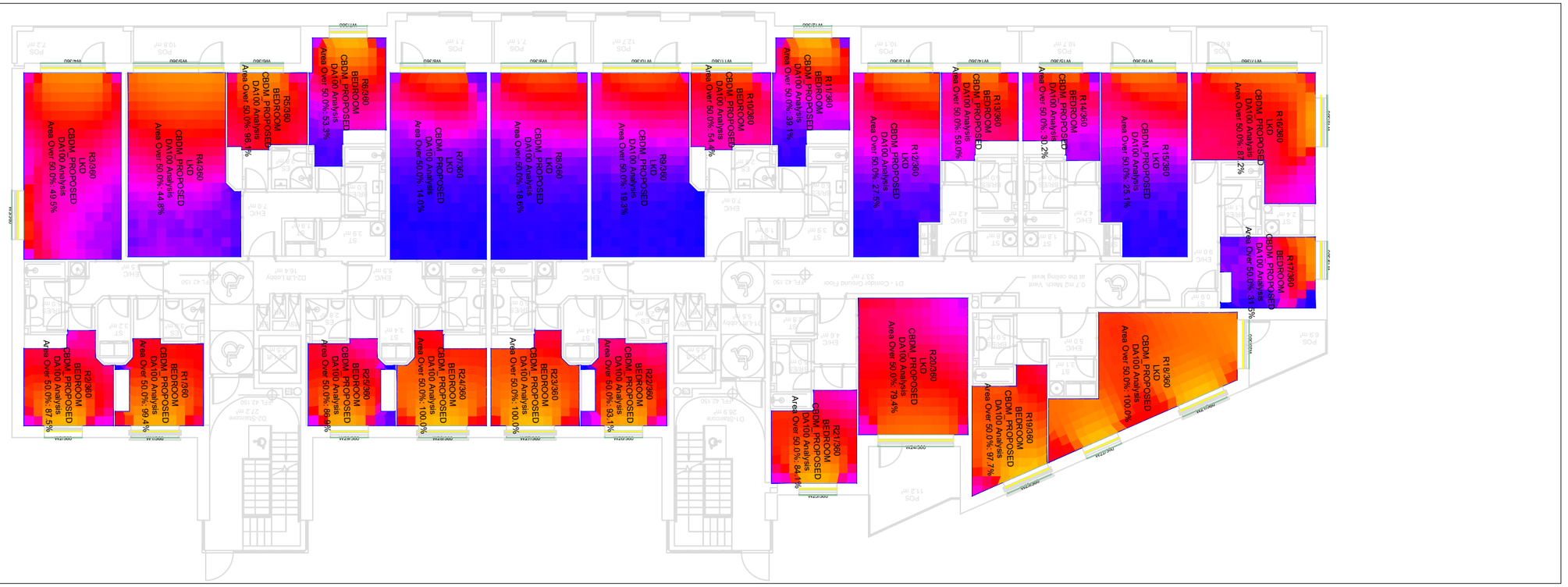
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

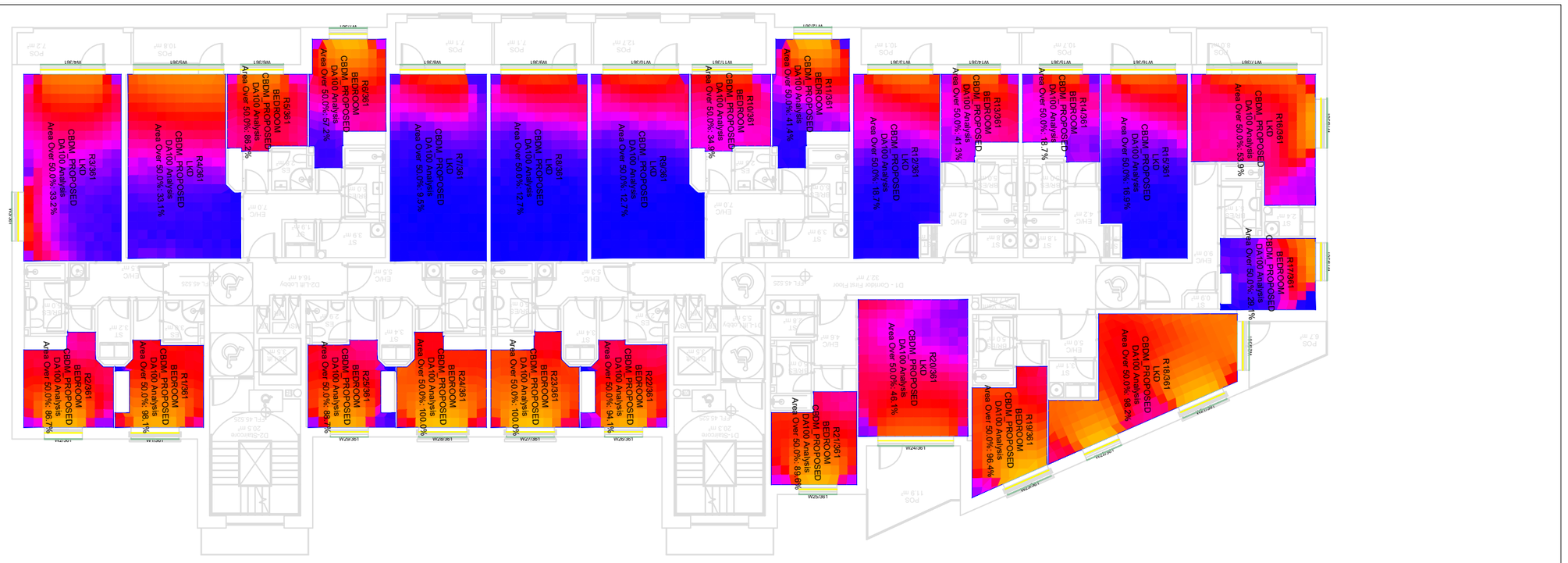
Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	21 Feb 2022
Drawing Title			
CBDM European results for BLOCK C	**Project No.** HA163_12C	**Drawing No.** BRE_20	**Revision** -

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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

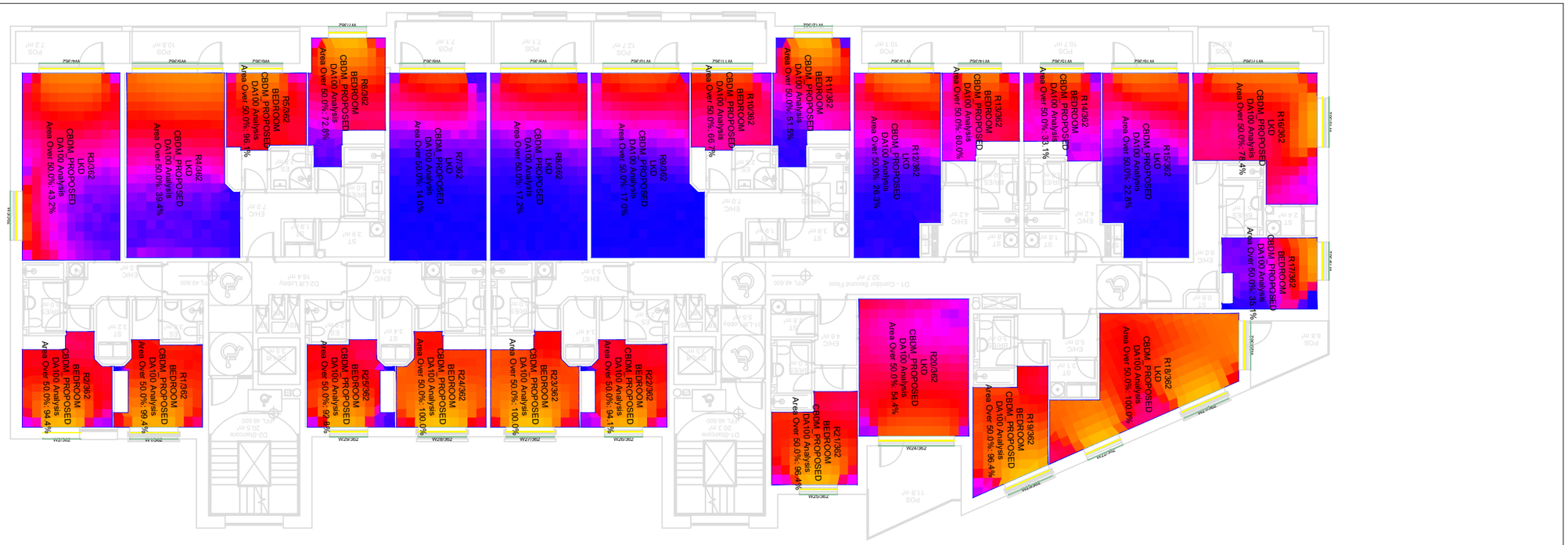
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12C	BRE_21	-

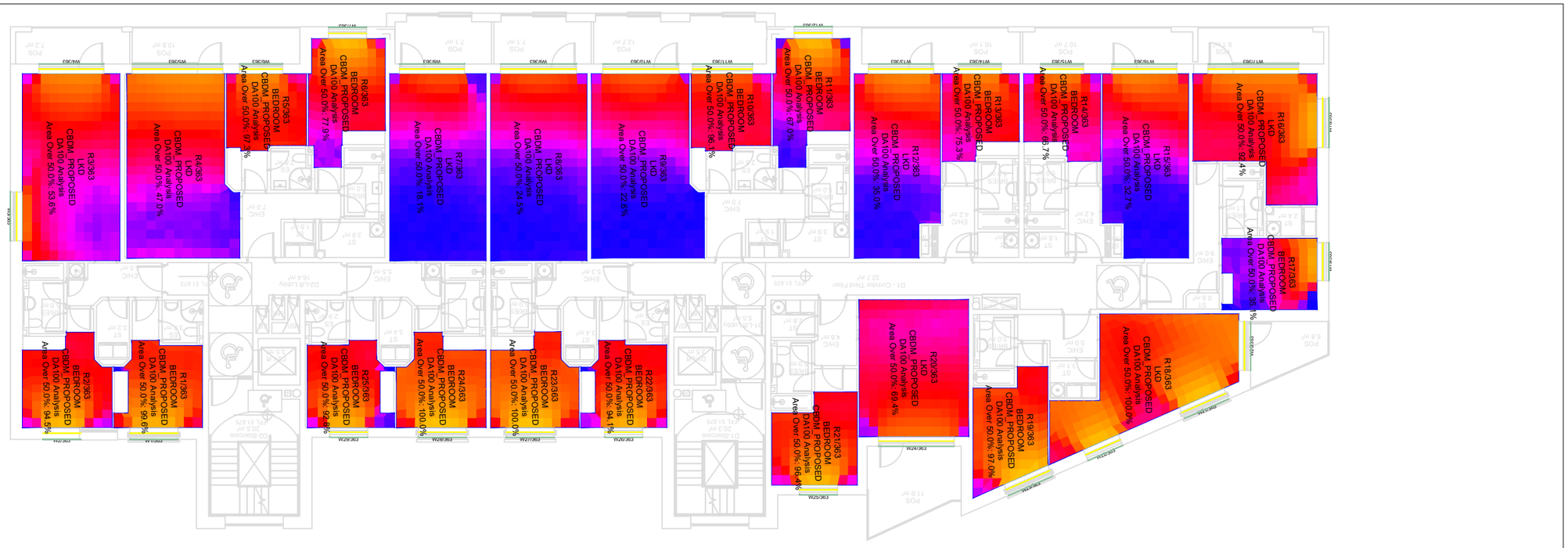
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2ND FLOOR



3RD FLOOR

Key:
Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

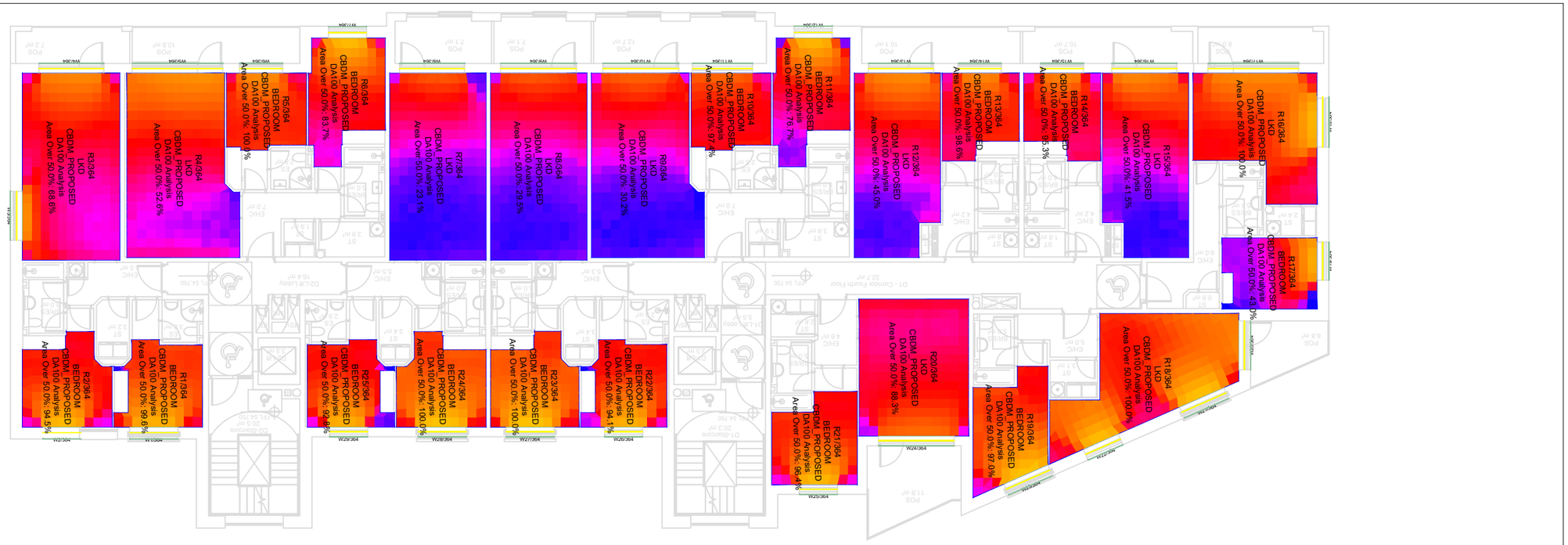
Drawing Title
CBDM European results for
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

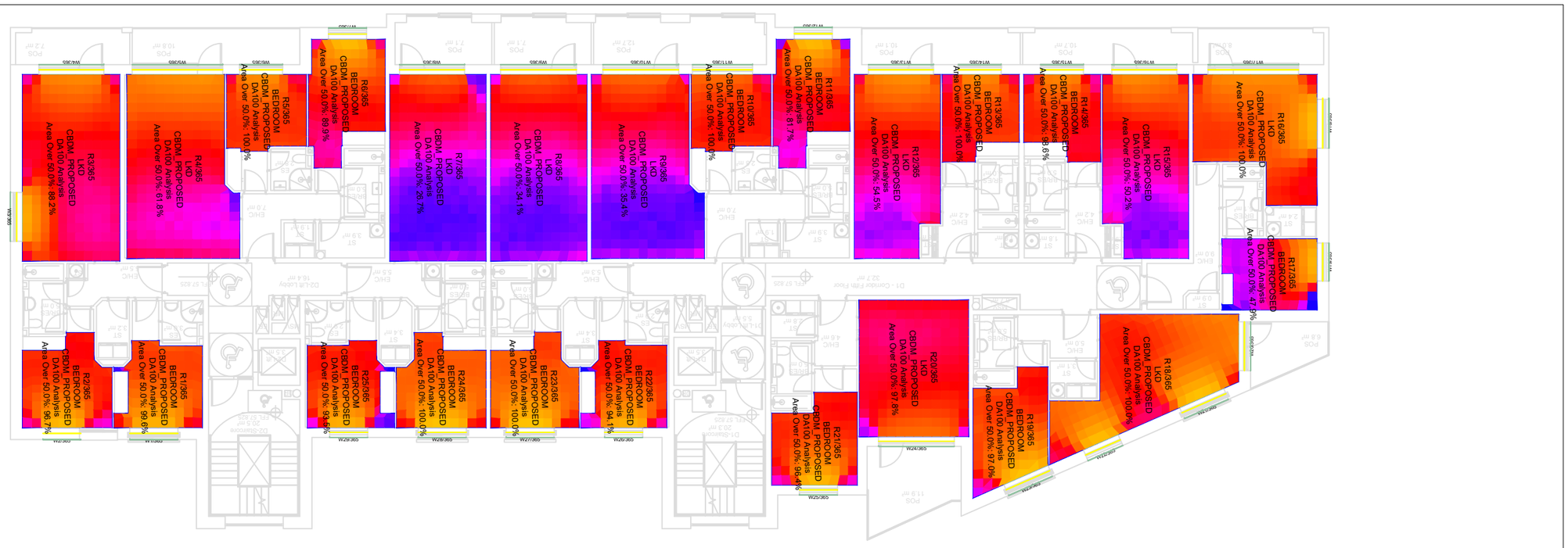
Project No.	Drawing No.	Revision
HA163_12C	BRE_22	-

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4TH FLOOR



5TH FLOOR

Key:
Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

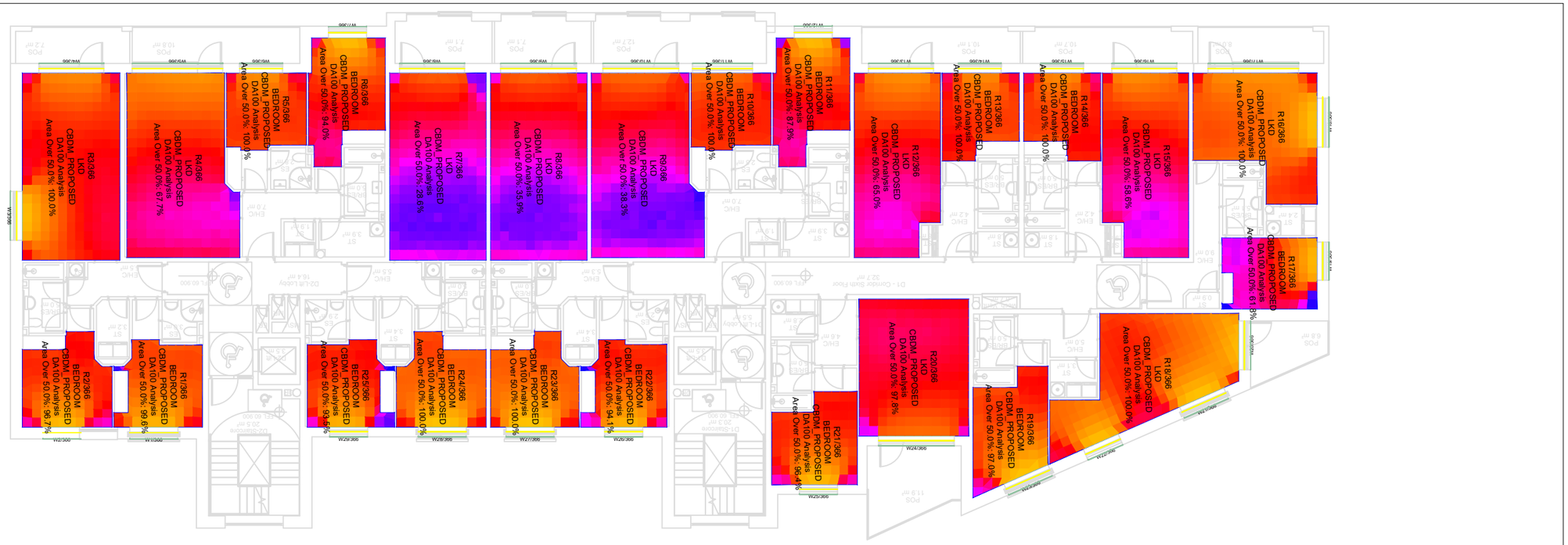
Drawing Title
CBDM European results for
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12C	BRE_23	-

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6TH FLOOR



7TH FLOOR

Key:
Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

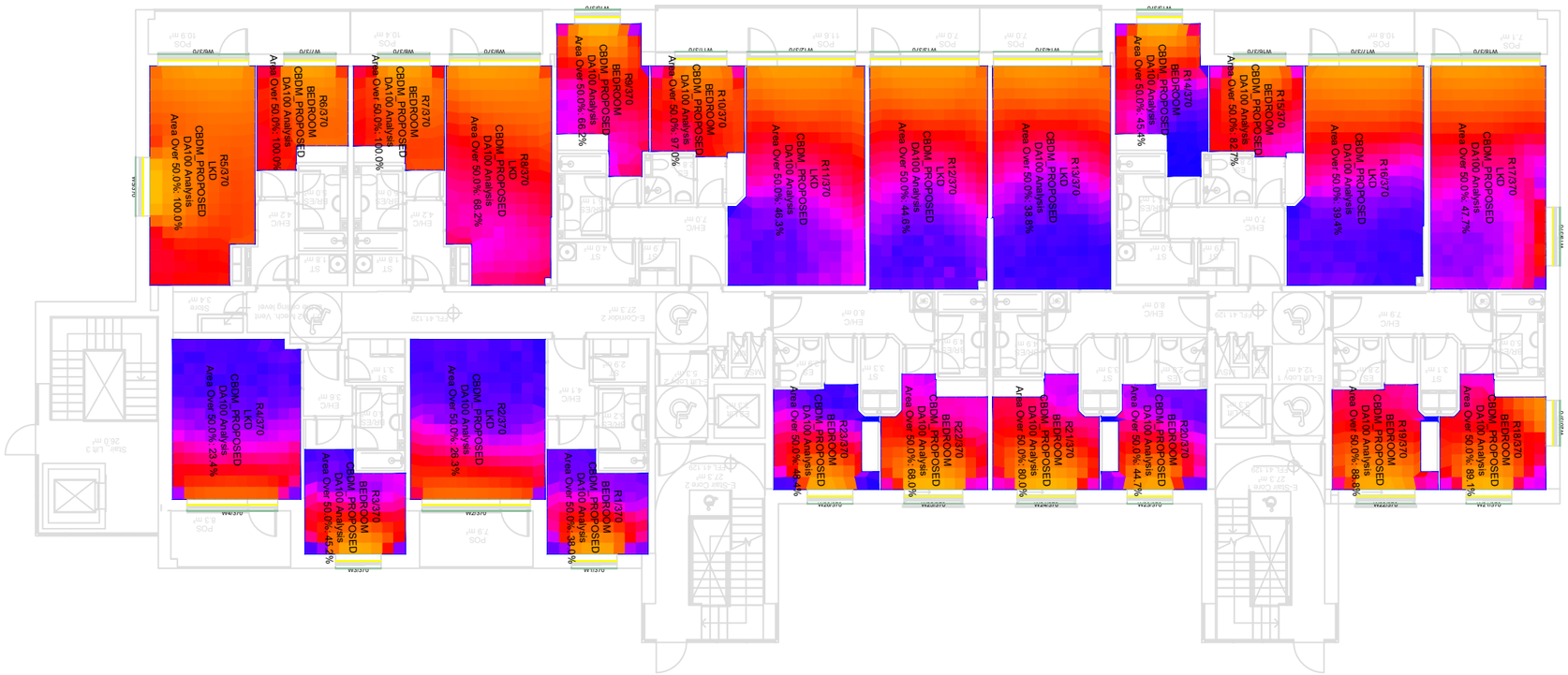
Drawing Title
CBDM European results for
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

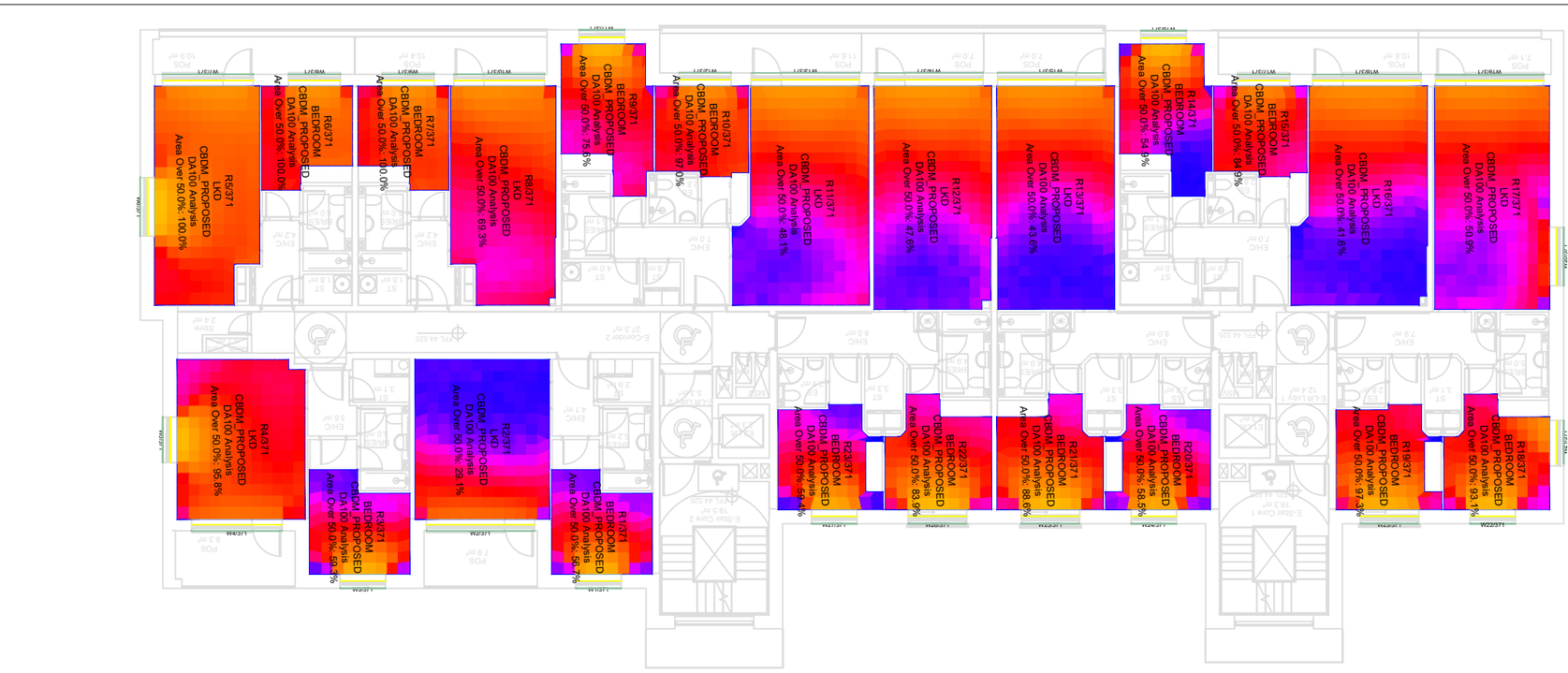
Project No.	Drawing No.	Revision
HA163_12C	BRE_24	-

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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

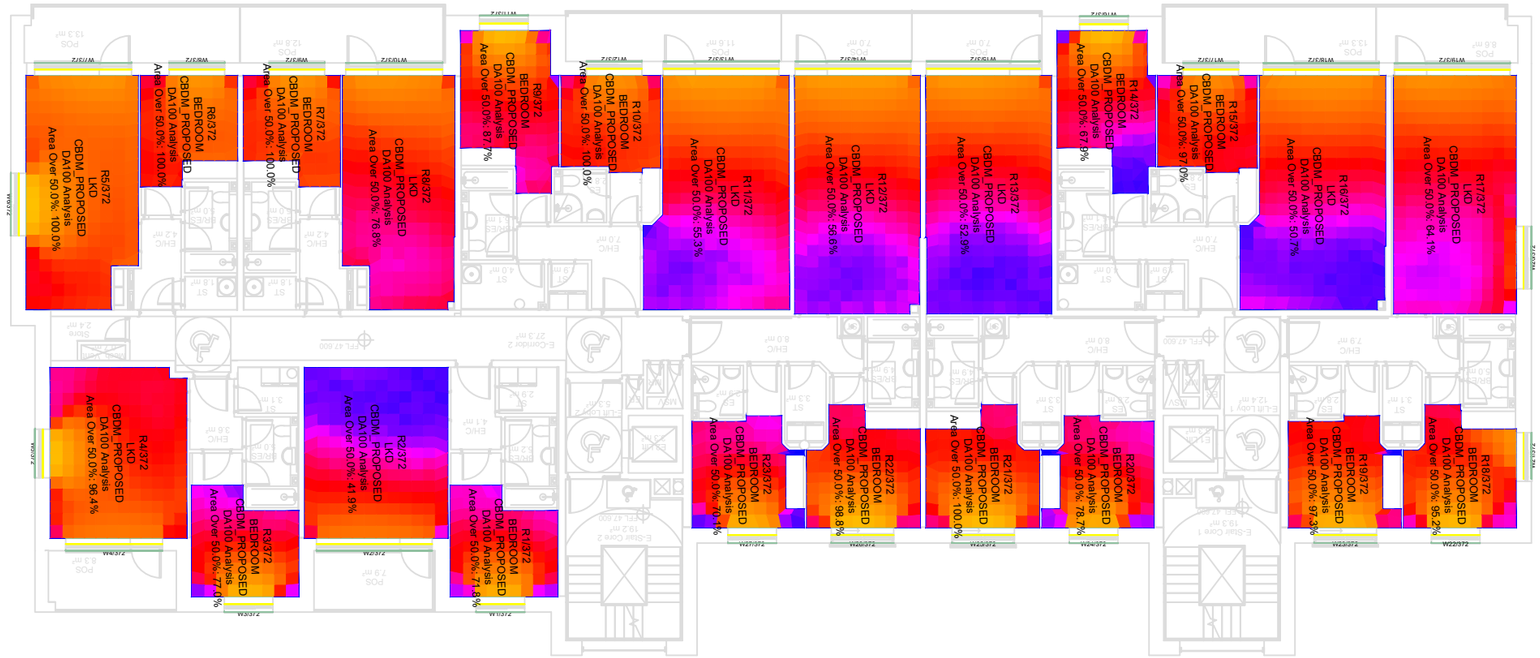
CBDM European results for

BLOCK E

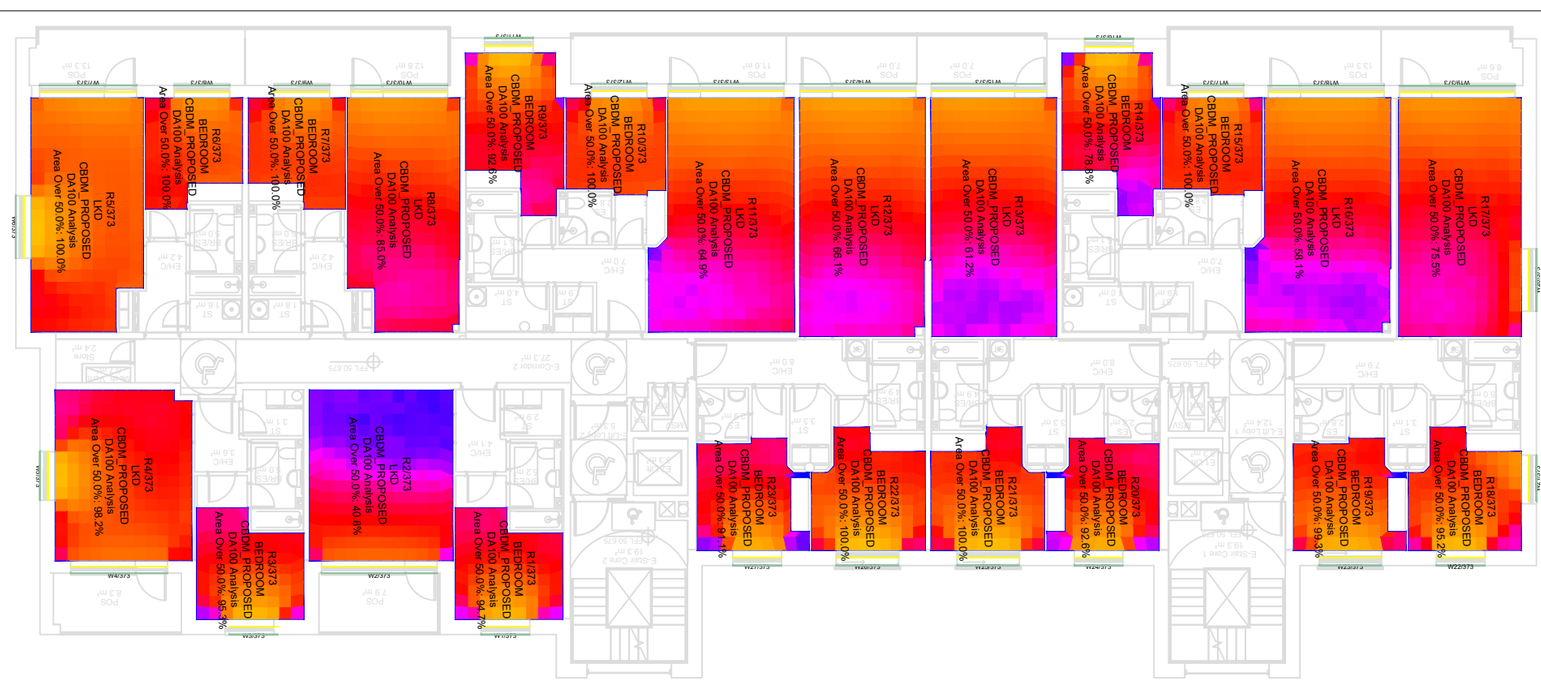
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12C	BRE_25	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12C	BRE_26	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

BLOCK E

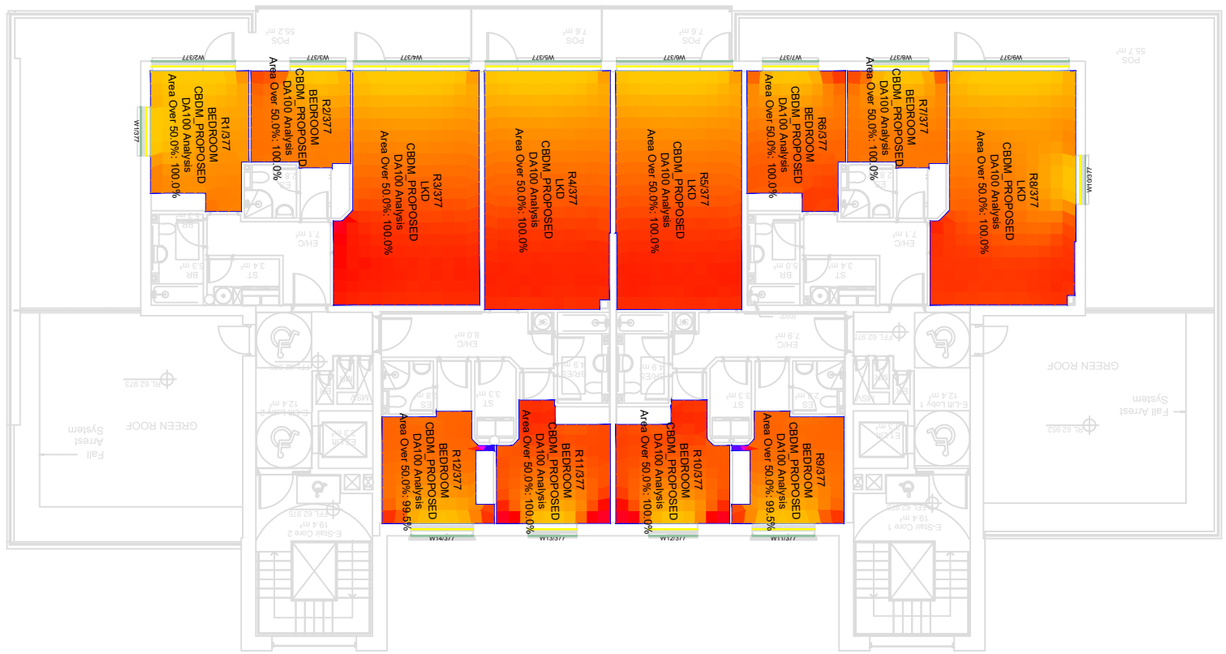
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12C	BRE_27	-

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6TH FLOOR



7TH FLOOR

Key:
Climate Based Daylight Autonomy

DA100 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

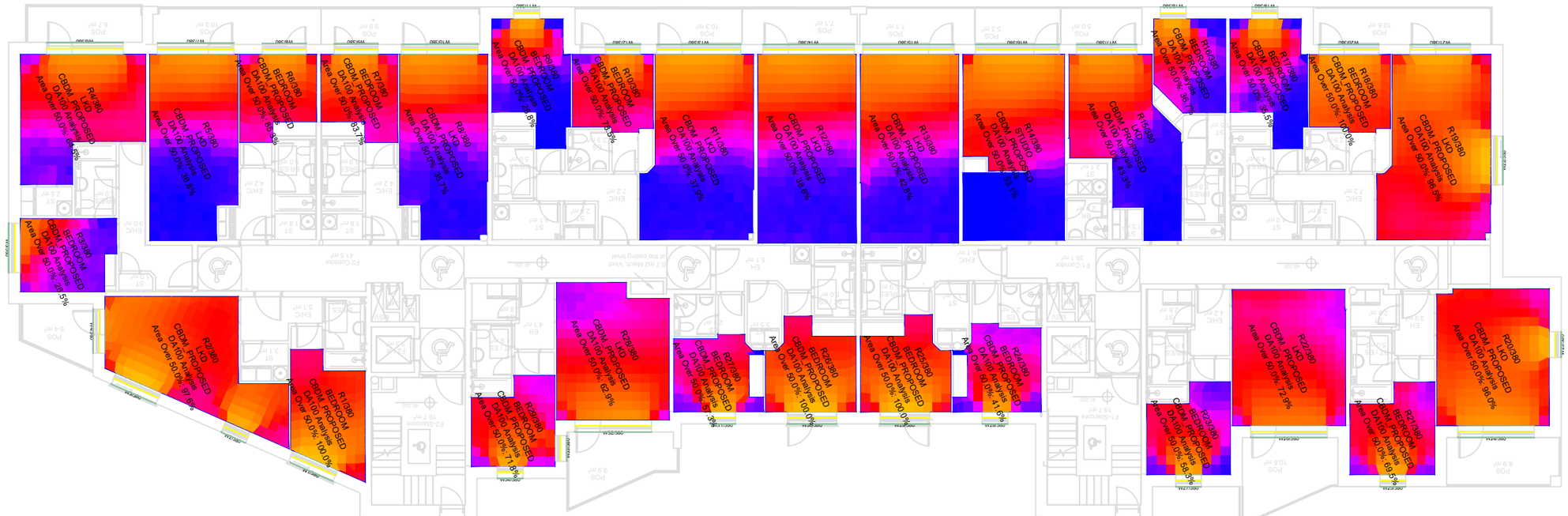
Drawing Title
CBDM European results for
BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

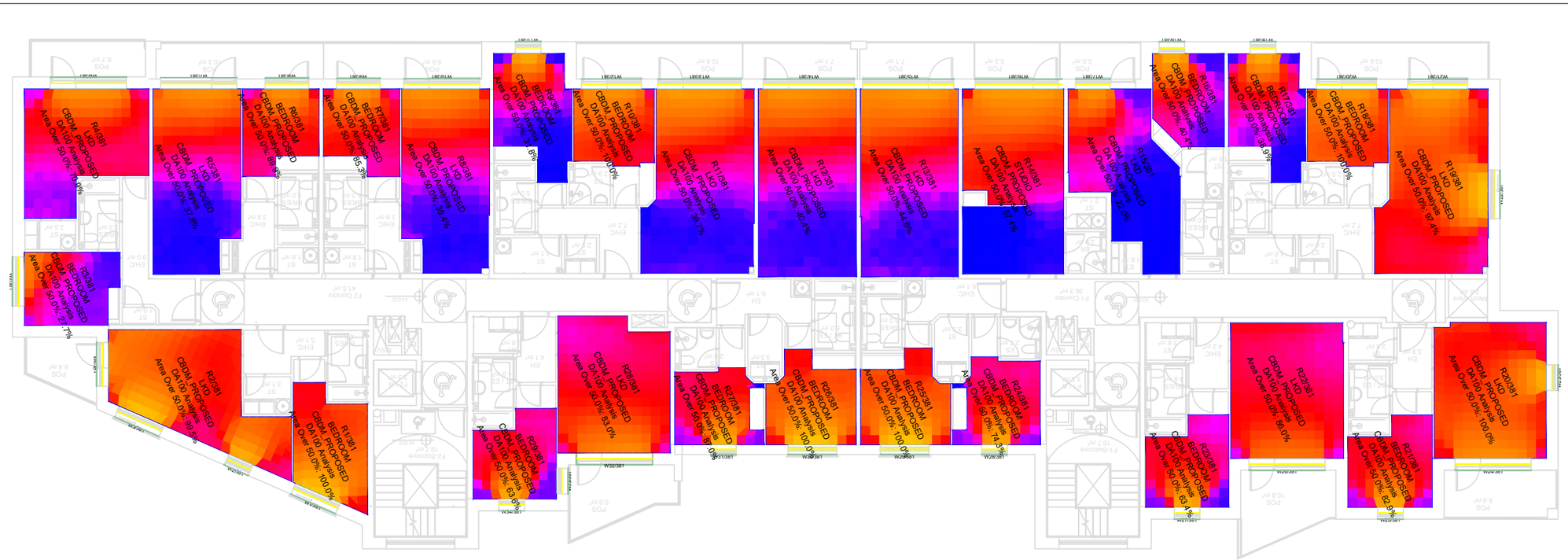
Project No.	Drawing No.	Revision
HA163_12C	BRE_28	-

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GROUND FLOOR



1ST FLOOR

Key:
Climate Based Daylight Autonomy
DA100 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

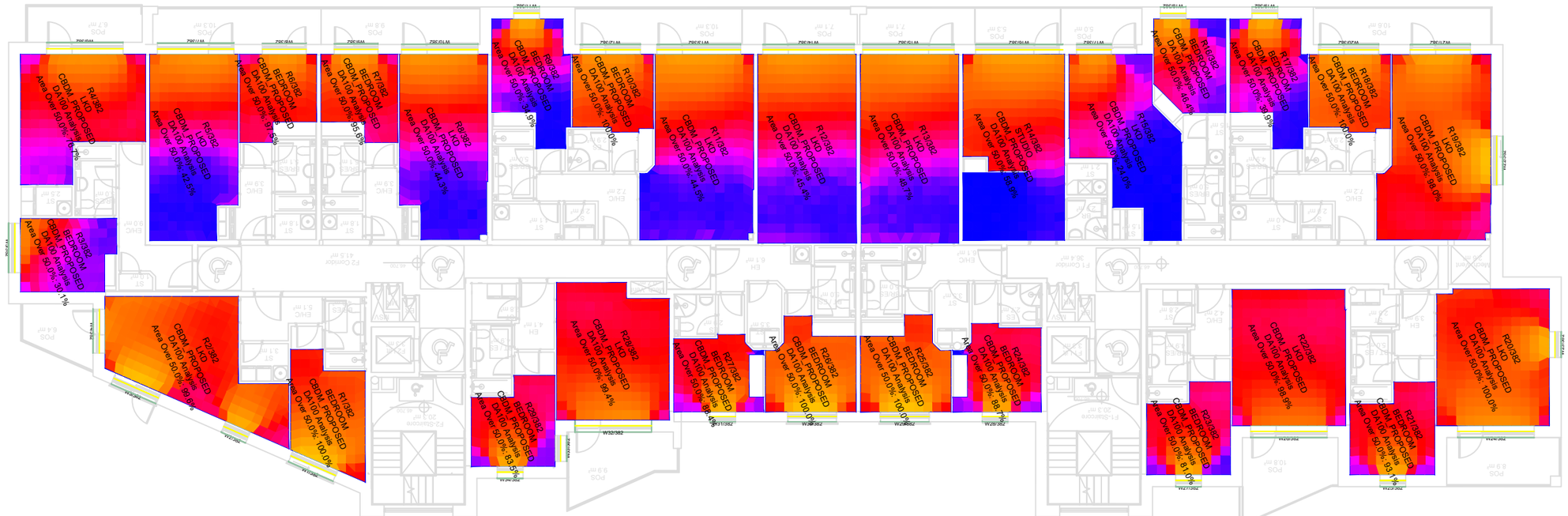
Drawing Title
CBDM European results for
BLOCK F

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

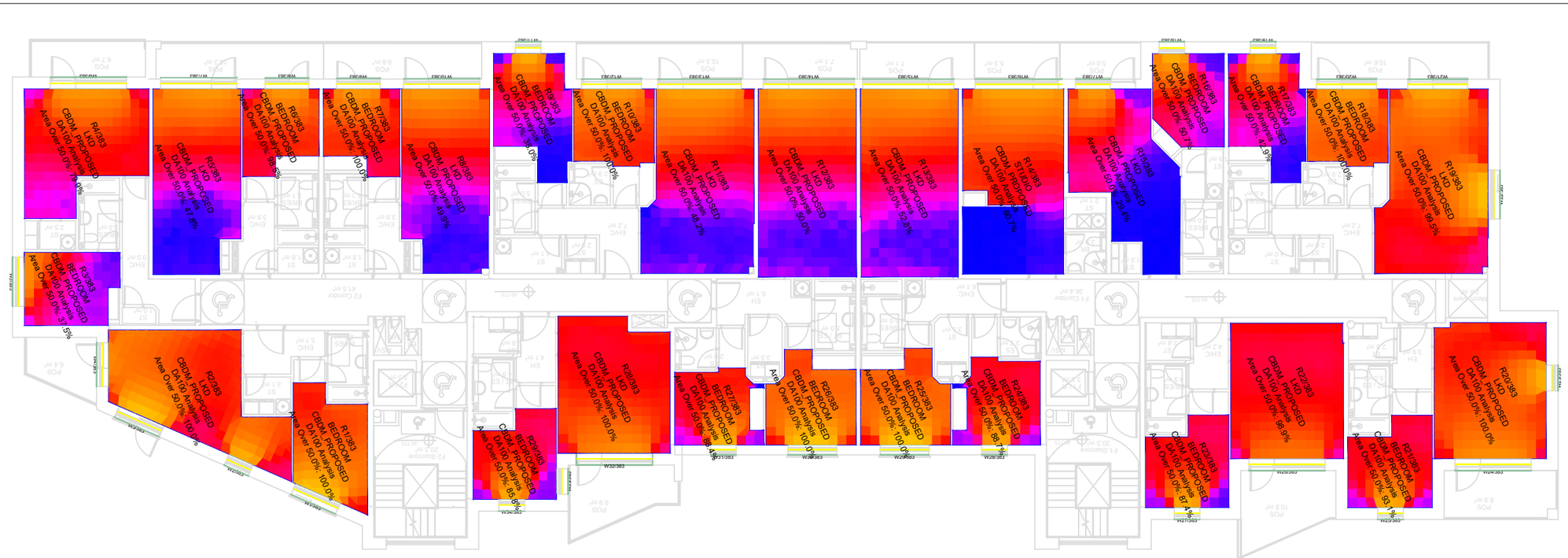
Project No.	Drawing No.	Revision
HA163_12C	BRE_29	-

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2ND FLOOR



3RD FLOOR

Key:
Climate Based Daylight Autonomy
DA100 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

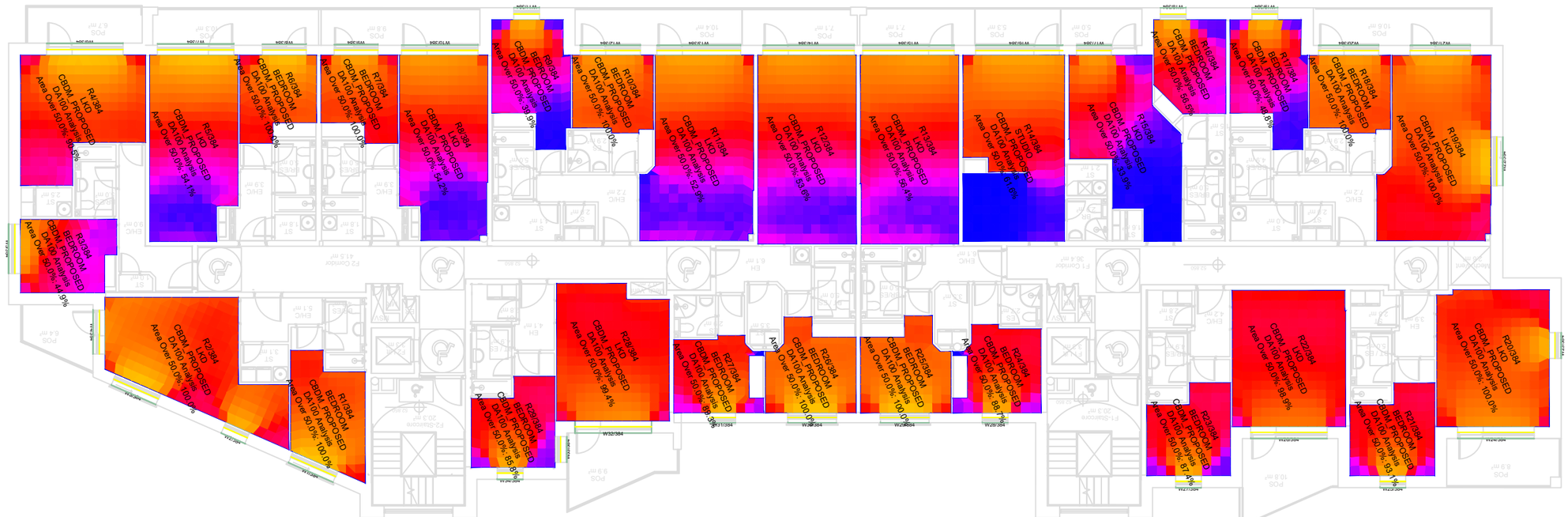
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

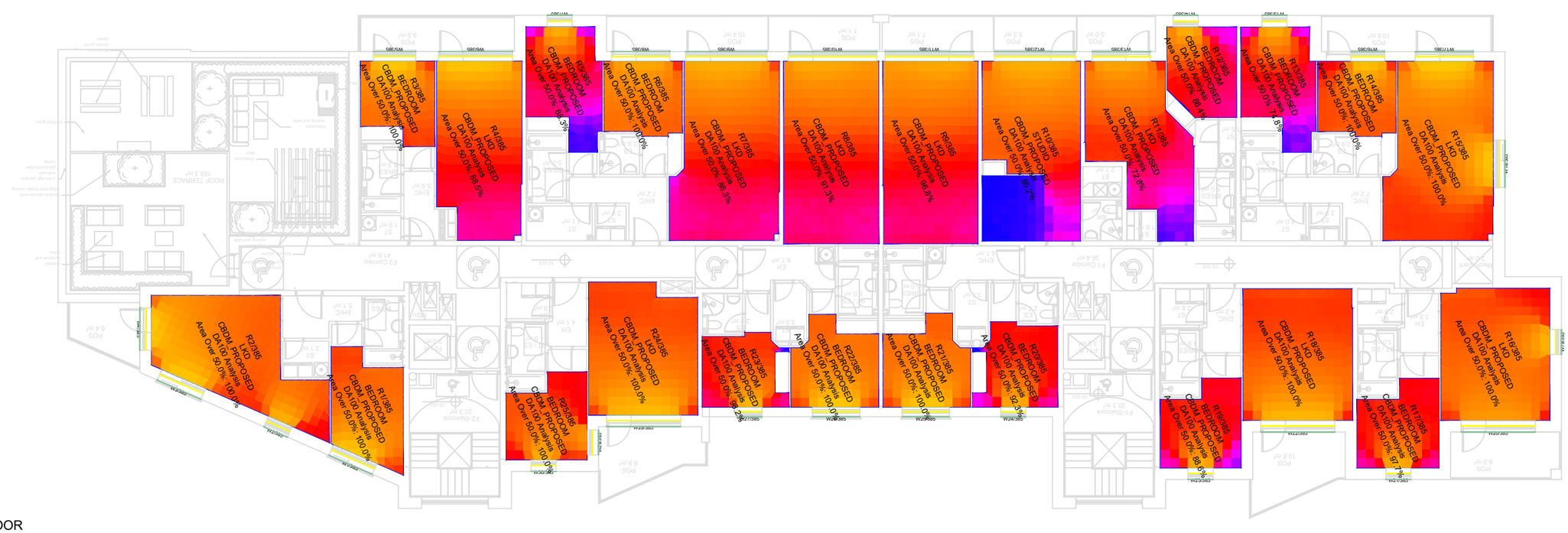
Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	21 Feb 2022
Drawing Title			
CBDM European results for BLOCK F			
Project No.	Drawing No.	Revision	
HA163_12C	BRE_30	-	

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4TH FLOOR



5TH FLOOR

Key:
Climate Based Daylight Autonomy
DA100 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

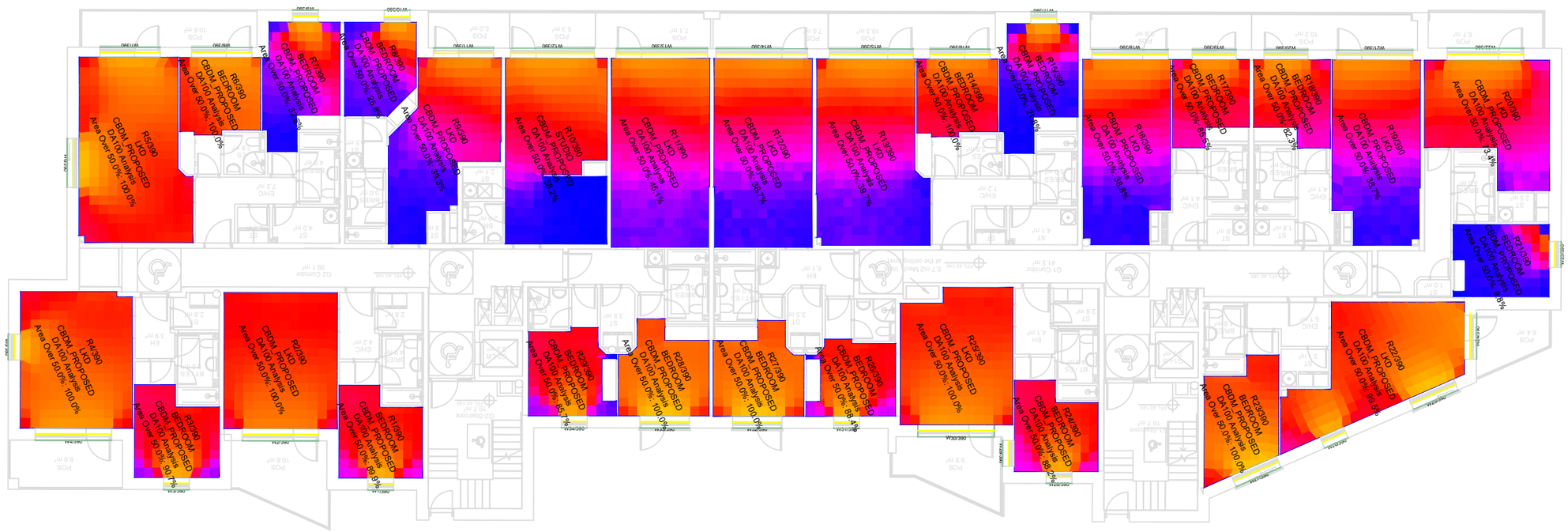
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK F

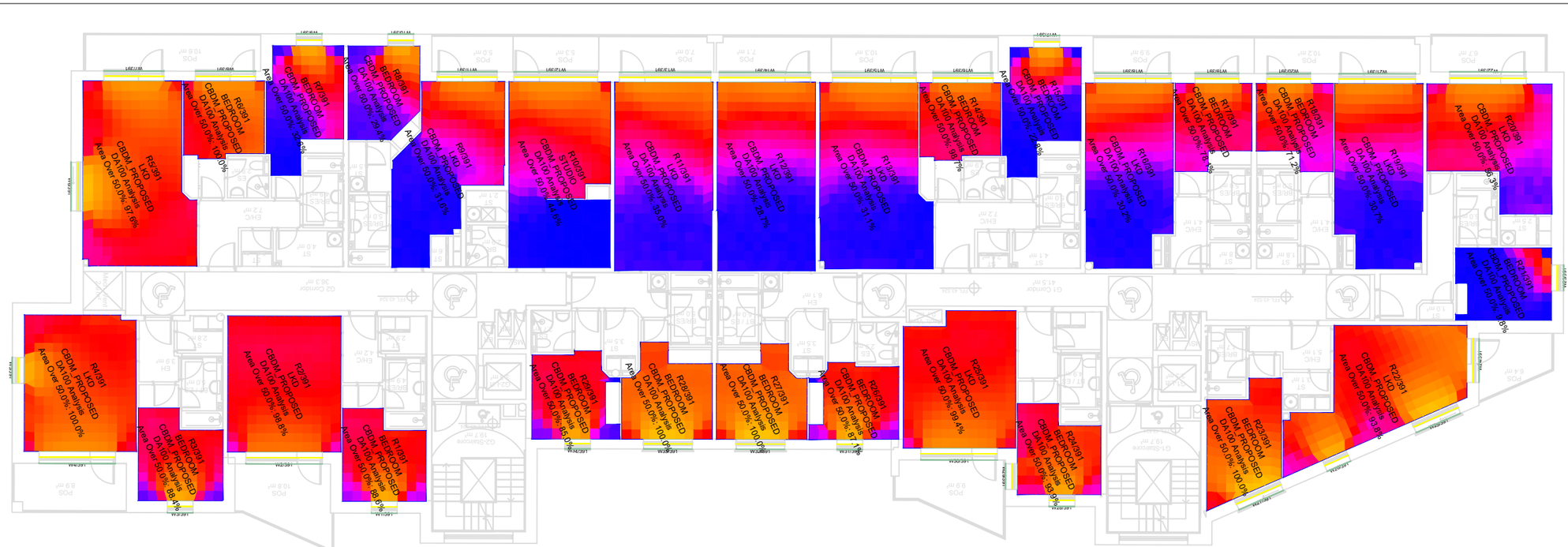
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12C	BRE_31	-

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GROUND FLOOR



1ST FLOOR

Key:
Climate Based Daylight Autonomy
DA100 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

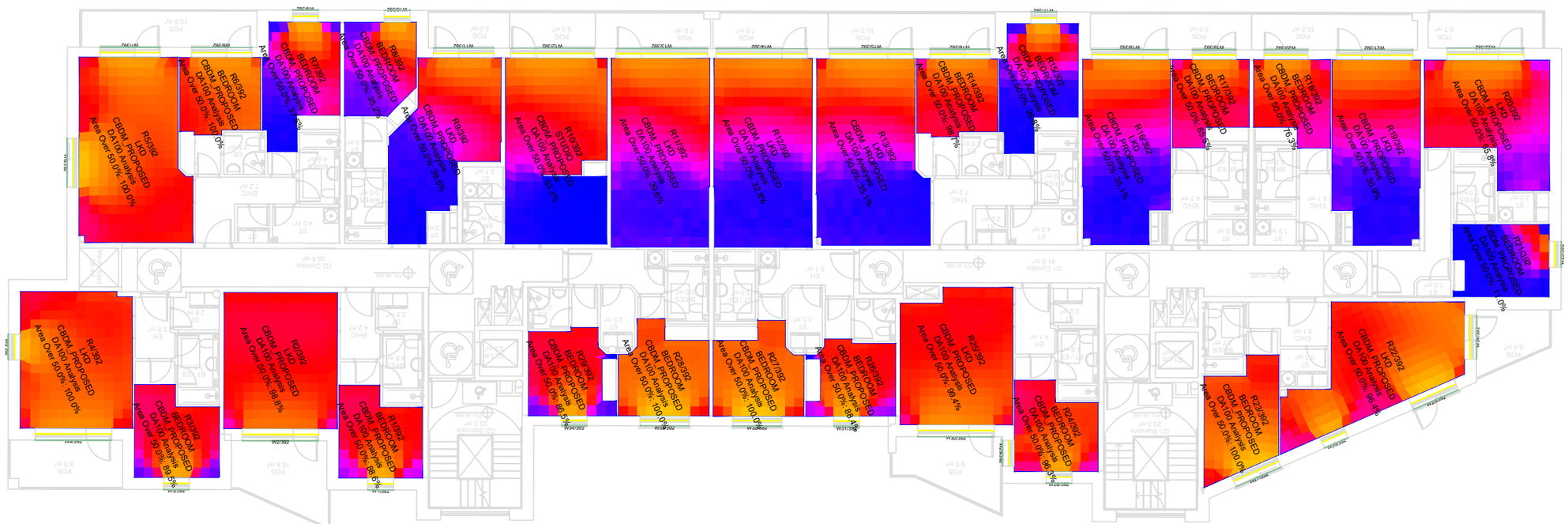
Drawing Title
CBDM European results for
BLOCK G

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

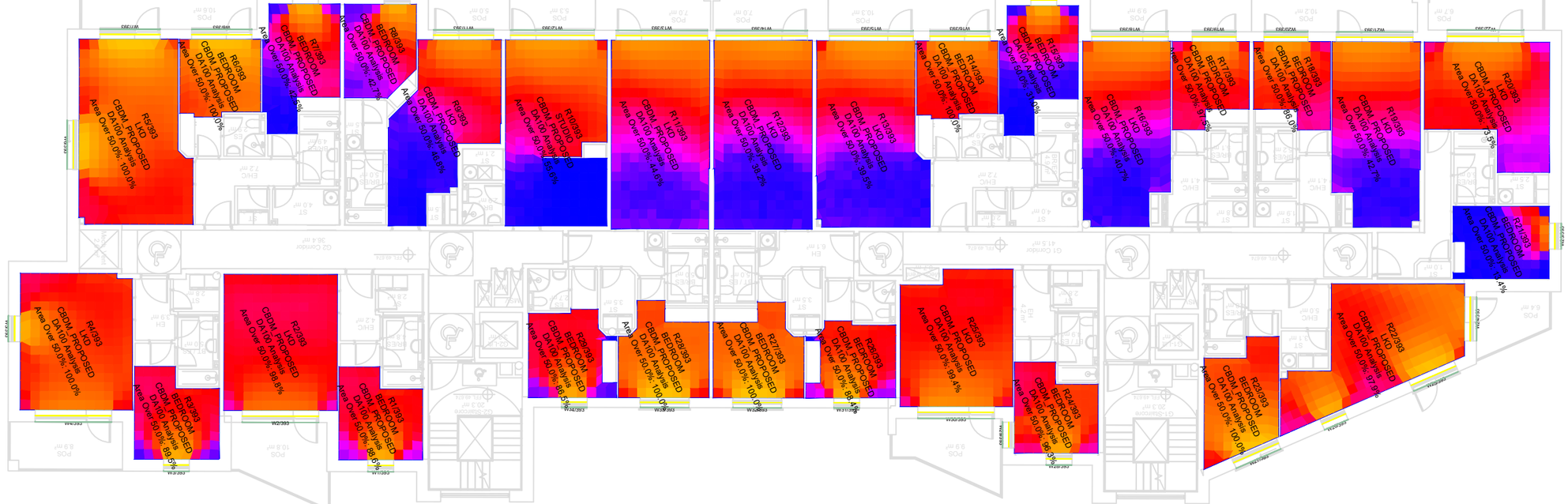
Project No.	Drawing No.	Revision
HA163_12C	BRE_32	-

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2ND FLOOR



3RD FLOOR

Key:
Climate Based Daylight Autonomy
DA100 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

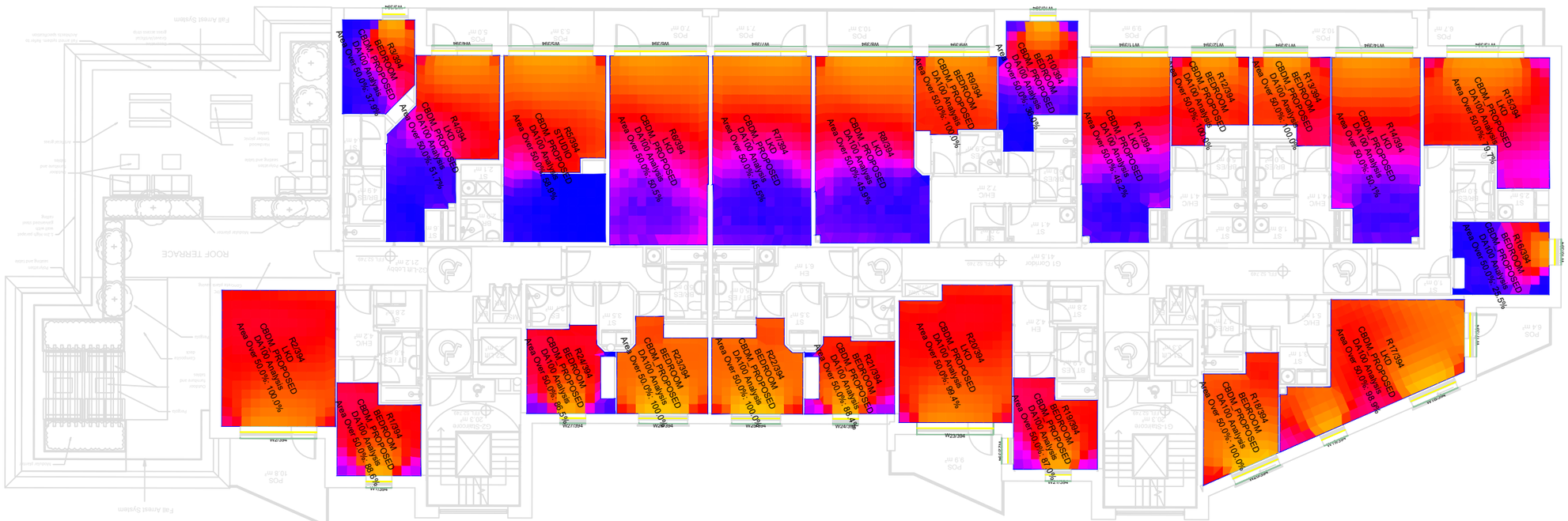
Drawing Title
CBDM European results for
BLOCK G

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

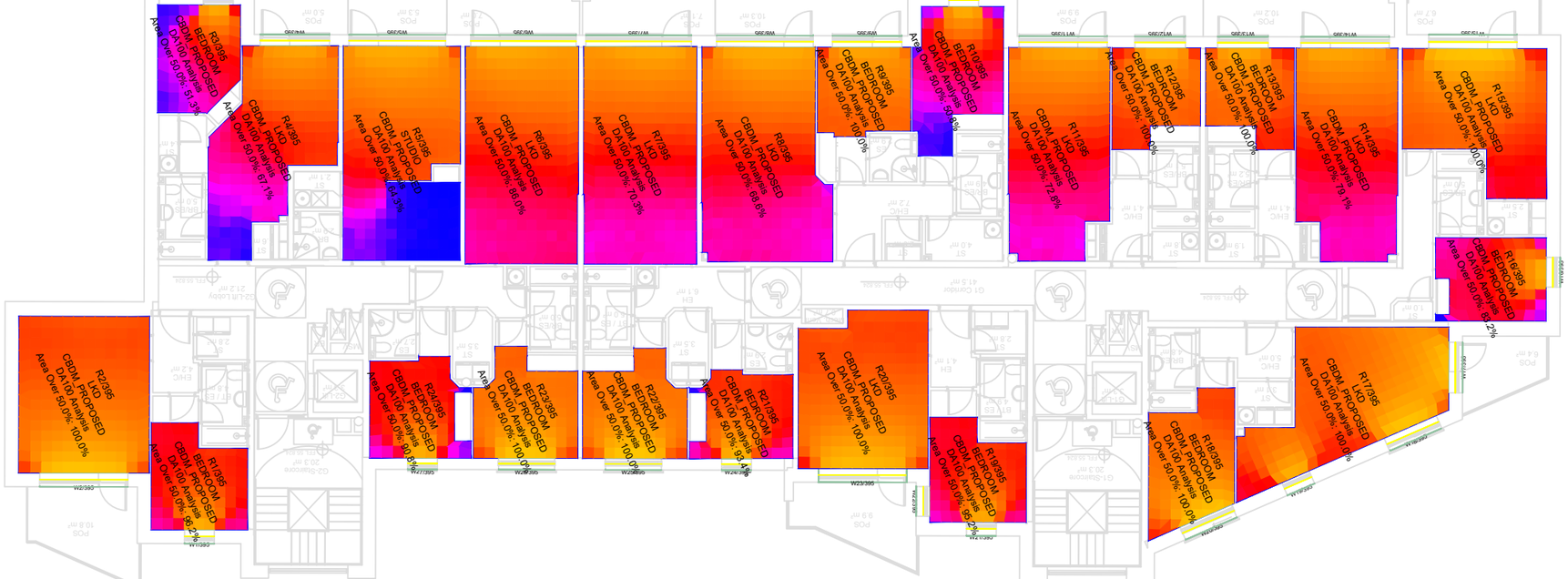
Project No.	Drawing No.	Revision
HA163_12C	BRE_33	-

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4TH FLOOR



5TH FLOOR

Key:
Climate Based Daylight Autonomy
DA100 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

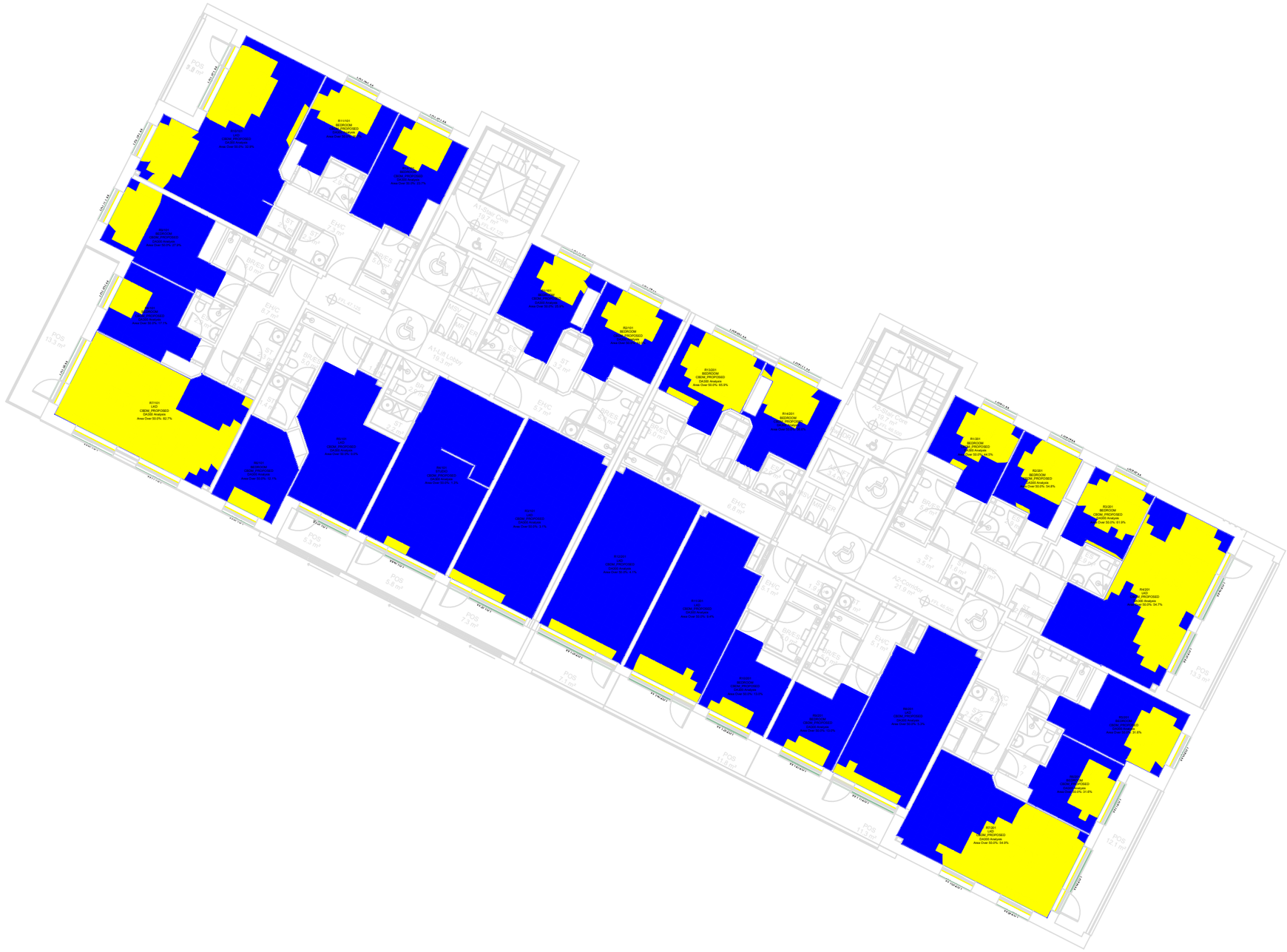
Drawing Title
CBDM European results for
BLOCK G

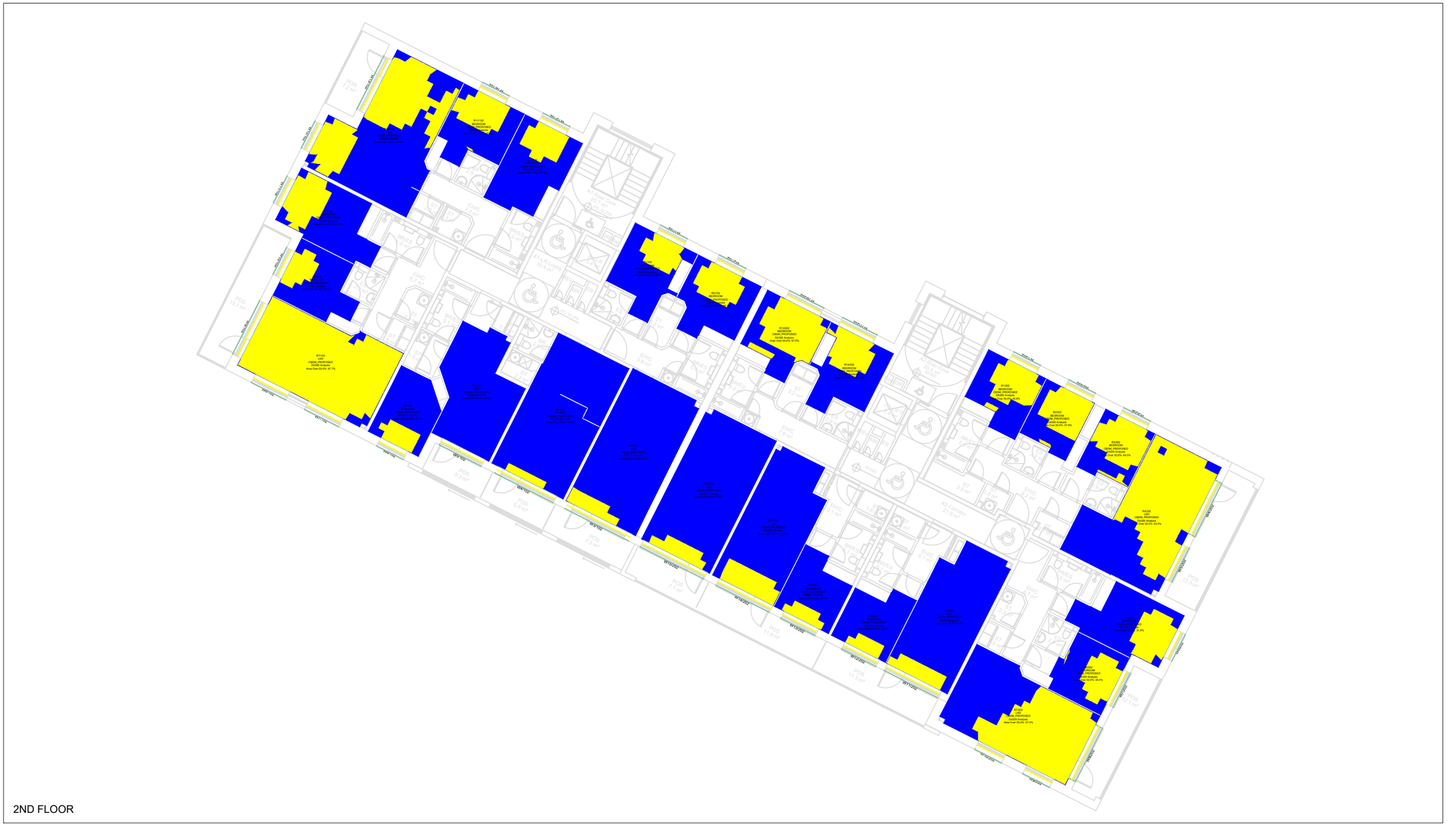
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12C	BRE_34	-

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N


POS 9.8 m²
R1/101 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 82.7%
R1/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 72.1%
R2/101 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 77.4%
R2/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 77.4%
R3/101 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 77.4%
R3/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 77.4%
R4/101 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 77.4%
R4/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 72.1%
R5/101 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 77.4%
R5/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 77.4%
R6/101 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 77.4%
R6/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 72.1%
R7/101 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 77.4%
R7/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 72.1%
R8/101 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 77.4%
R8/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 72.1%
R9/101 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 77.4%
R9/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 72.1%
R10/101 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 77.4%
R10/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 72.1%
R11/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 72.1%
R12/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 72.1%
R13/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 72.1%
R14/101 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 72.1%
R1/201 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 84.0%
R2/201 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 54.9%
R3/201 BEDROOM CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 61.9%
R4/201 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 58.7%
R5/201 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 37.8%
R6/201 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 37.8%
R7/201 LKD CBDM_PROPOSED DA300 Analysis Area Over 50.0%: 34.9%
A1+Lift Lobby 19.3 m²
A2+Lift Lobby 18.7 m²
A3+Lift Lobby 19.3 m²
A4+Lift Lobby 18.7 m²
A5+Lift Lobby 19.3 m²
A6+Lift Lobby 18.7 m²
A7+Lift Lobby 19.3 m²
A8+Lift Lobby 18.7 m²
A9+Lift Lobby 19.3 m²
A10+Lift Lobby 18.7 m²



2ND FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

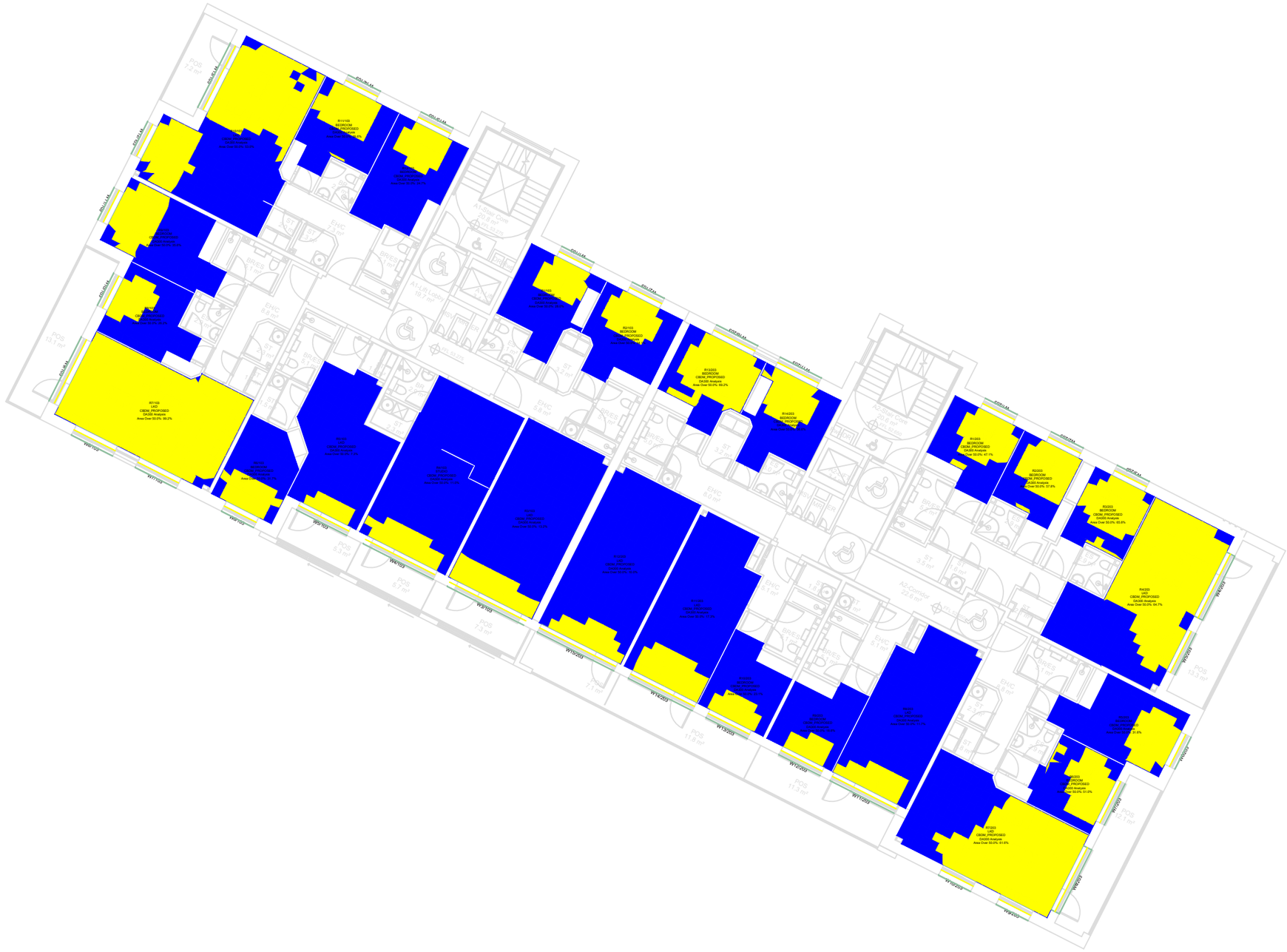
Sources of information

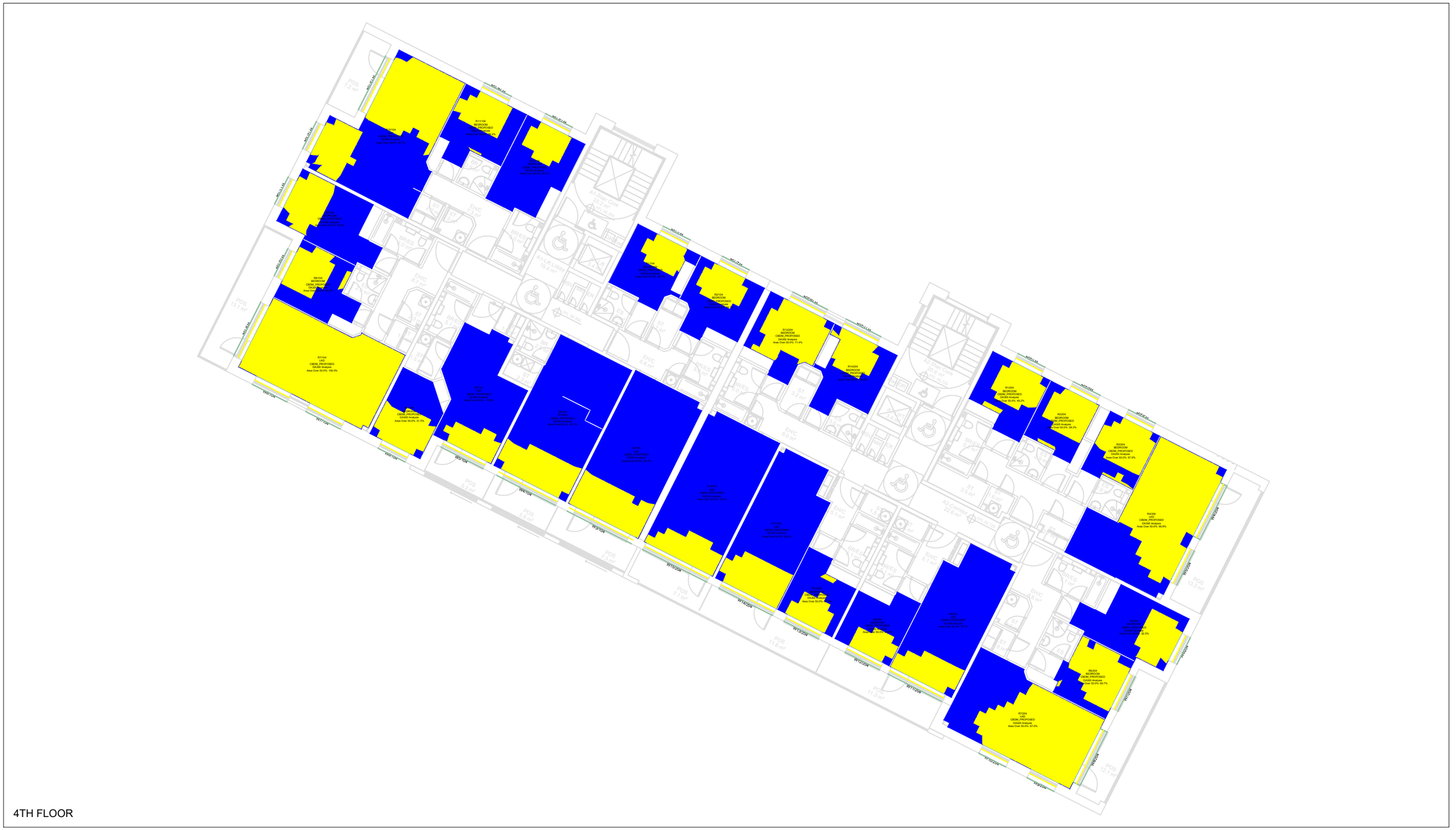
Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	21 Feb 2022
Drawing Title			
CBDM European results for BLOCK A	**Project No.** HA163_12D	**Drawing No.** BRE_06	**Revision** -

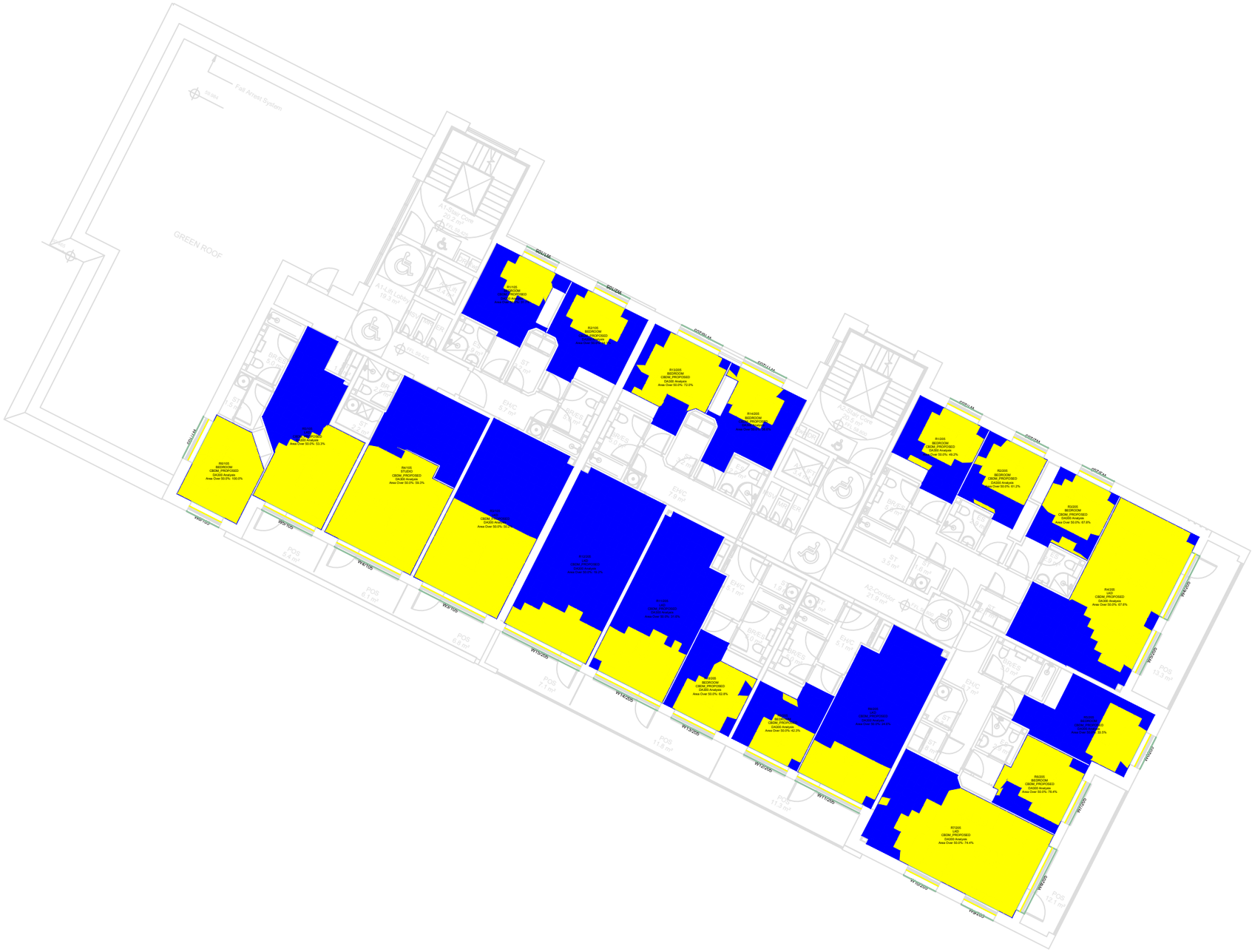
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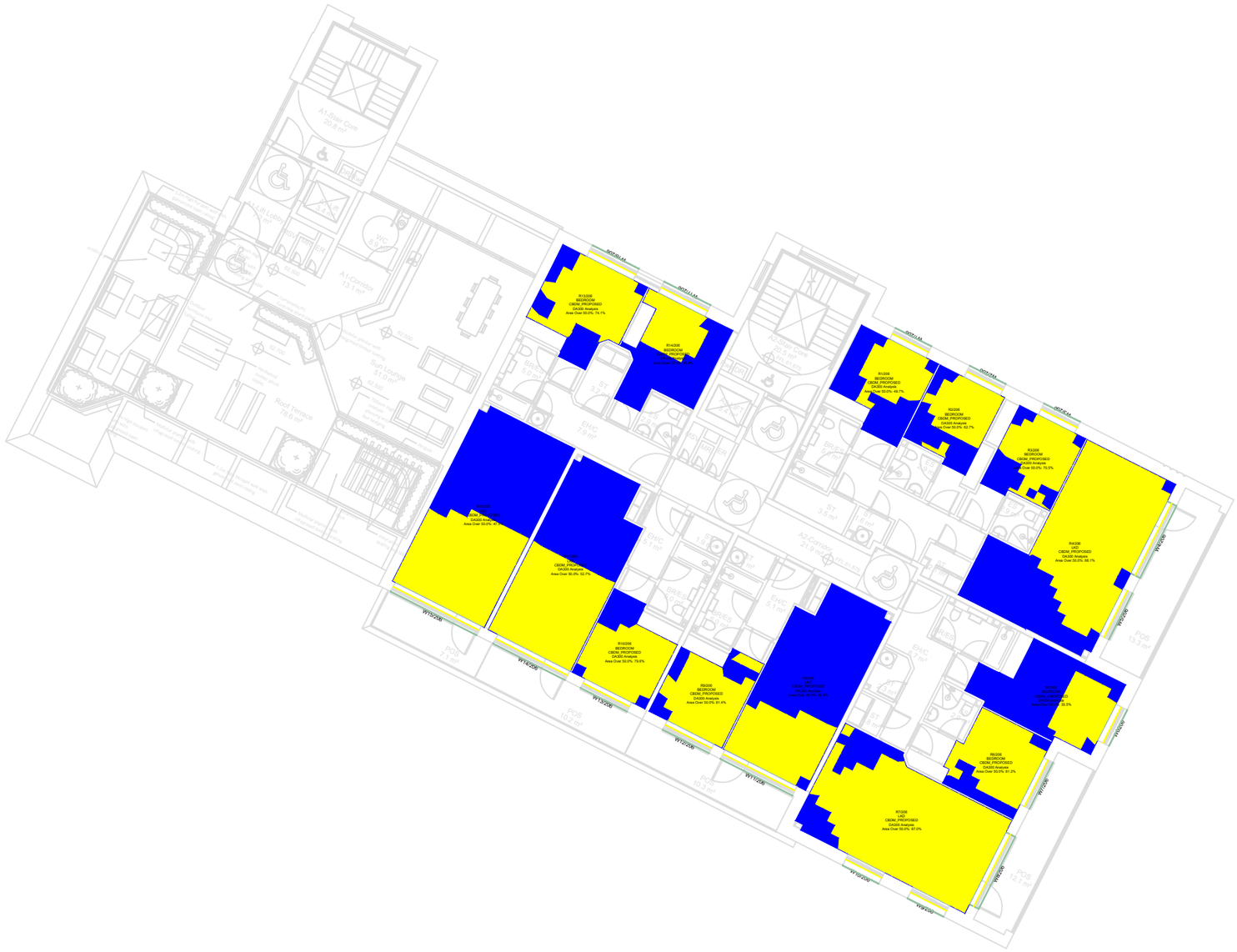

N
POS 7.2 m²
R1/103 1BED CBDM_PROPOSED DA300 Analysis Area Over 50.0% 50.4%
R1/102 1BED CBDM_PROPOSED DA300 Analysis Area Over 50.0% 99.2%
R1/101 1BED CBDM_PROPOSED DA300 Analysis Area Over 50.0% 99.2%
R1/104 1BED CBDM_PROPOSED DA300 Analysis Area Over 50.0% 99.2%
R1/105 1BED CBDM_PROPOSED DA300 Analysis Area Over 50.0% 99.2%
R1/106 1BED CBDM_PROPOSED DA300 Analysis Area Over 50.0% 99.2%
R1/107 1BED CBDM_PROPOSED DA300 Analysis Area Over 50.0% 74.1%
R1/108 1BED CBDM_PROPOSED DA300 Analysis Area Over 50.0% 11.4%
R1/109 1BED CBDM_PROPOSED DA300 Analysis Area Over 50.0% 11.4%
R1/110 1BED CBDM_PROPOSED DA300 Analysis Area Over 50.0% 11.4%
R1/111 1BED CBDM_PROPOSED DA300 Analysis Area Over 50.0% 11.4%


N
R1108
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 44.1%
R1104
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 54.1%
R1107
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 74.4%
R0104
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 100.0%
R0107
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 74.1%
R0108
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 51.5%
R0105
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 21.1%
R1107
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 41.7%
R1104
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 54.1%
R1108
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 44.1%
R1104
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 54.1%
R1107
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 74.4%
R1204
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 71.4%
R1204
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 58.2%
R1204
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 67.9%
R1204
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 58.2%
R1204
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 71.4%
R1204
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 67.9%
R0204
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 58.2%
R0204
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 71.4%
R0204
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 67.9%
R0204
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 58.2%
R0204
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 67.9%
R0204
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 67.0%
A1-LIFE LOBBY
A2-Common
A3-Common
A4-Common
A1-LIFE
A2-LIFE
A3-LIFE
A4-LIFE
A1-LIFE LOBBY
A2-Common
A3-Common
A4-Common
A1-LIFE
A2-LIFE
A3-LIFE
A4-LIFE
Water Curtain
POS
EHC
SHAFT
SHAFT
SHAFT

N


Fall Arrest System
GREEN ROOF
Access Core
40.2 m²
A1-LIft Lobby
19.3 m²
EHC
5.7 m²
ST
4.7 m²
BRES
4.2 m²
R5/105
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 100.0%
R4/105
STUDIO
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 59.3%
R3/105
LKD
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 74.4%
R2/105
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 62.8%
R1/105
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 53.3%
R13/205
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 72.0%
R14/205
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 42.0%
R5/205
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 98.2%
R3/205
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 91.2%
R6/205
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 67.8%
R4/205
LKD
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 75.4%
R2/205
BEDROOM
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 75.4%
R1/205
LKD
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 74.4%
A2-Store Core
41.8 m²
A2-Corridor
21.8 m²
ST
3.5 m²
BRES
4.2 m²
EHC
7.9 m²
EHC
5.1 m²
ST
4.7 m²
BRES
4.2 m²
EHC
7.9 m²
ST
3.5 m²
BRES
4.2

N



6TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

BLOCK A

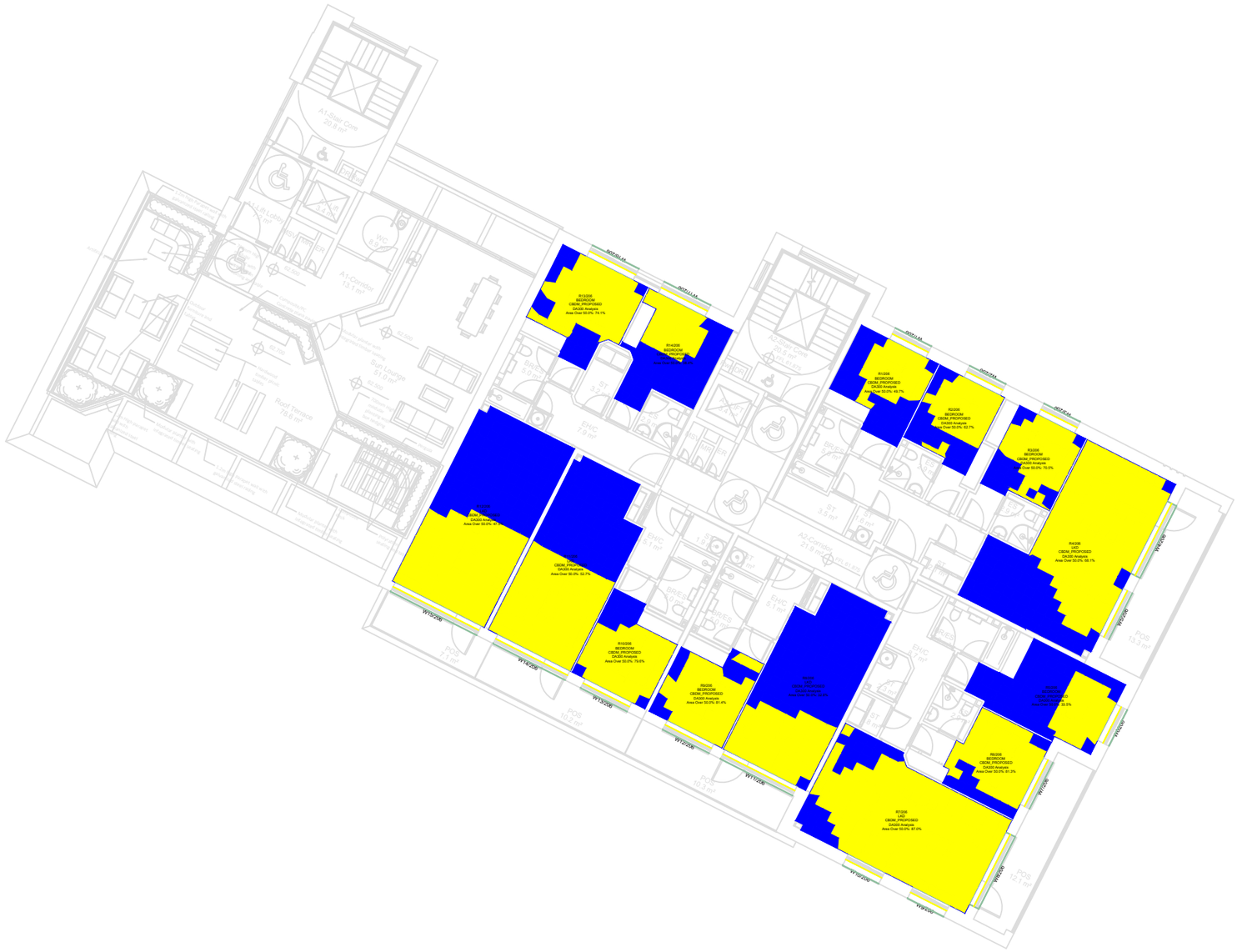
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12D	BRE_10	-

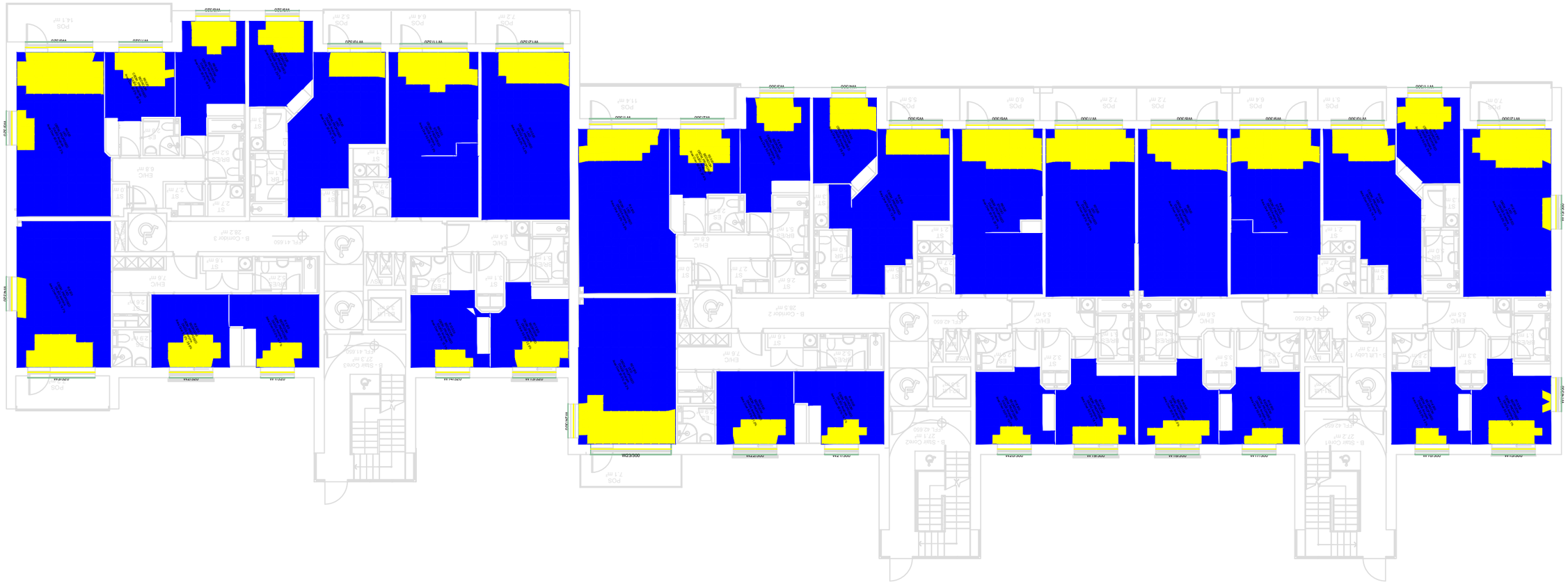
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N


A1 Stair Core
20.8 m²
A1 Lift Lobby
7.1 m²
WC
6.2 m²
A1-Ortelan
13.1 m²
Sun Lounge
51.0 m²
Roof Terrace
78.8 m²
R13/206
BEDROOM
CIBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 74.1%
R14/206
BEDROOM
CIBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 51.9%
R12/206
BEDROOM
CIBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 52.7%
R11/206
BEDROOM
CIBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 59.7%
R10/206
BEDROOM
CIBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 70.5%
R9/206
BEDROOM
CIBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 68.1%
R8/206
BEDROOM
CIBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 79.6%
R7/206
BEDROOM
CIBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 91.4%
R6/206
1 BED
CIBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 87.0%
R5/206
BEDROOM
CIBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 91.3%
R4/206
1 BED
CIBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 83.8%
R3/206
1 BED
CIBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 87.0%
A2-Stair Core
21.8 m²
A2-Lift Lobby
7.1 m²
A2-Corridor
21.8 m²
BRE
5.7 m²
ST
3.3 m²
EHC
5.1 m²
BRE
5.7 m²
ST
3.3 m²
EHC
5.1 m²
BRE
5.7 m²
ST
3.3 m²
EHC
5.1 m²
BRE
5.7 m²
ST
3.3 m²
EHC
5.1 m²
POS
13.3 m²
POS
13.3 m²
POS
13.3



GROUND FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

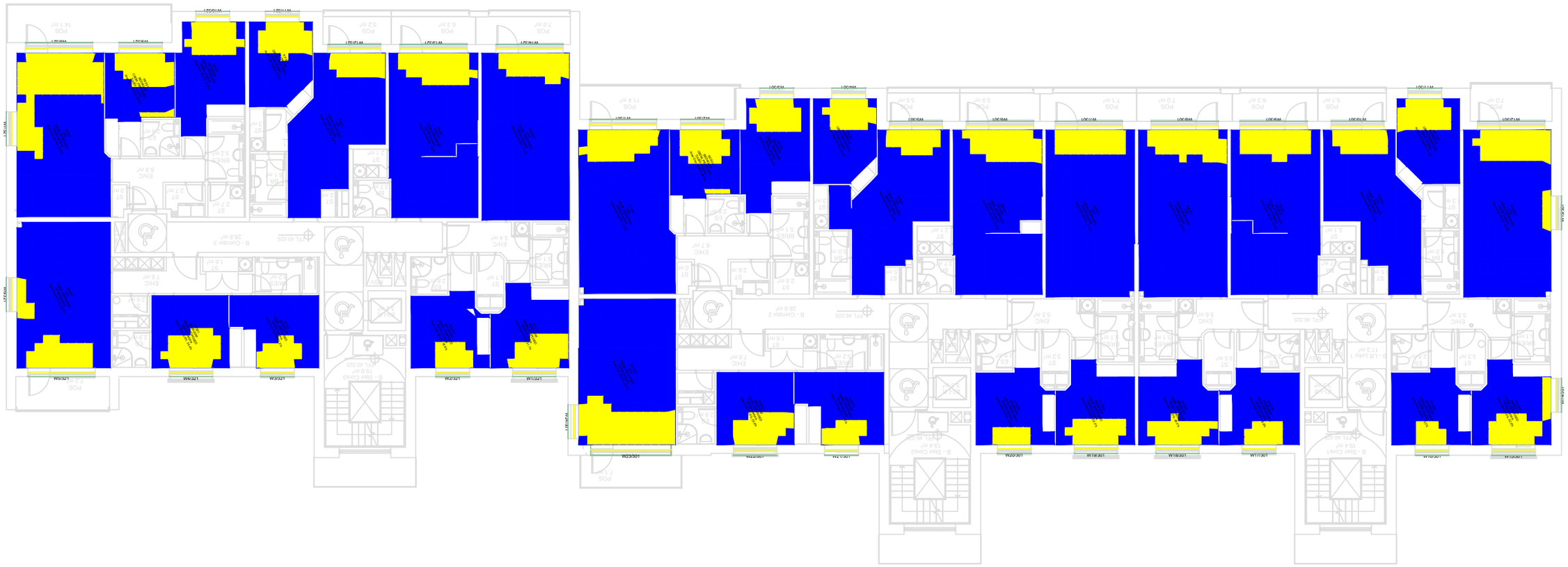
BLOCK B

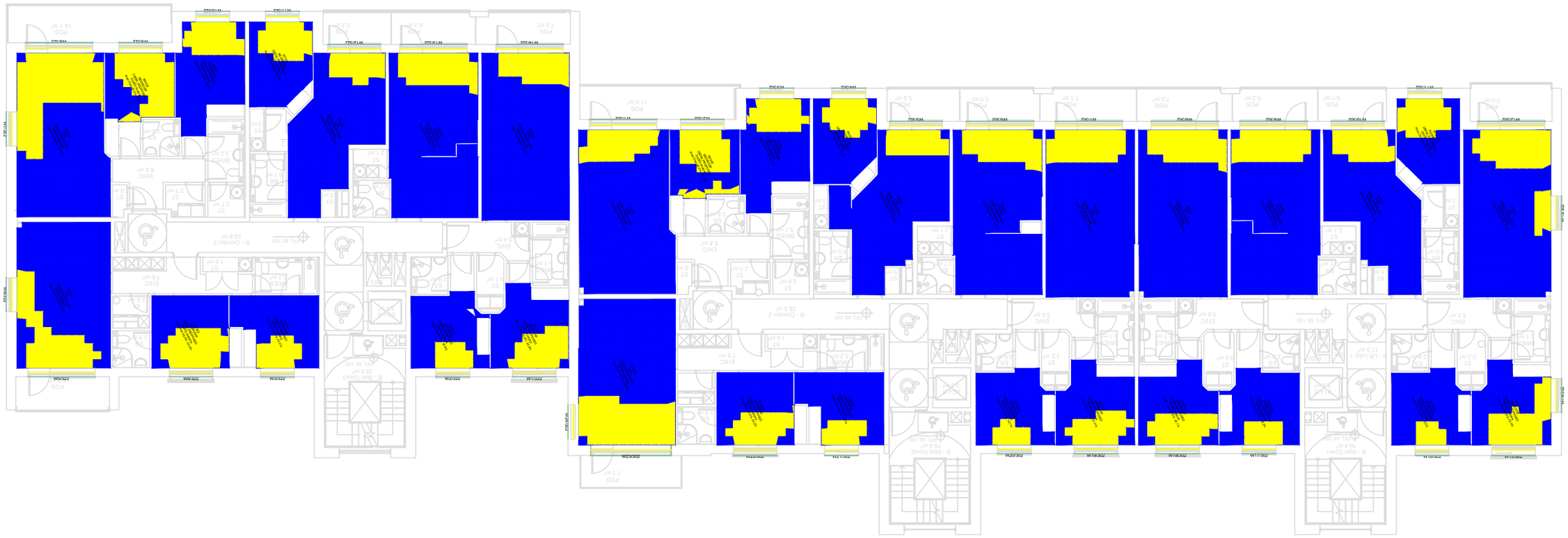
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12D	BRE_12	-

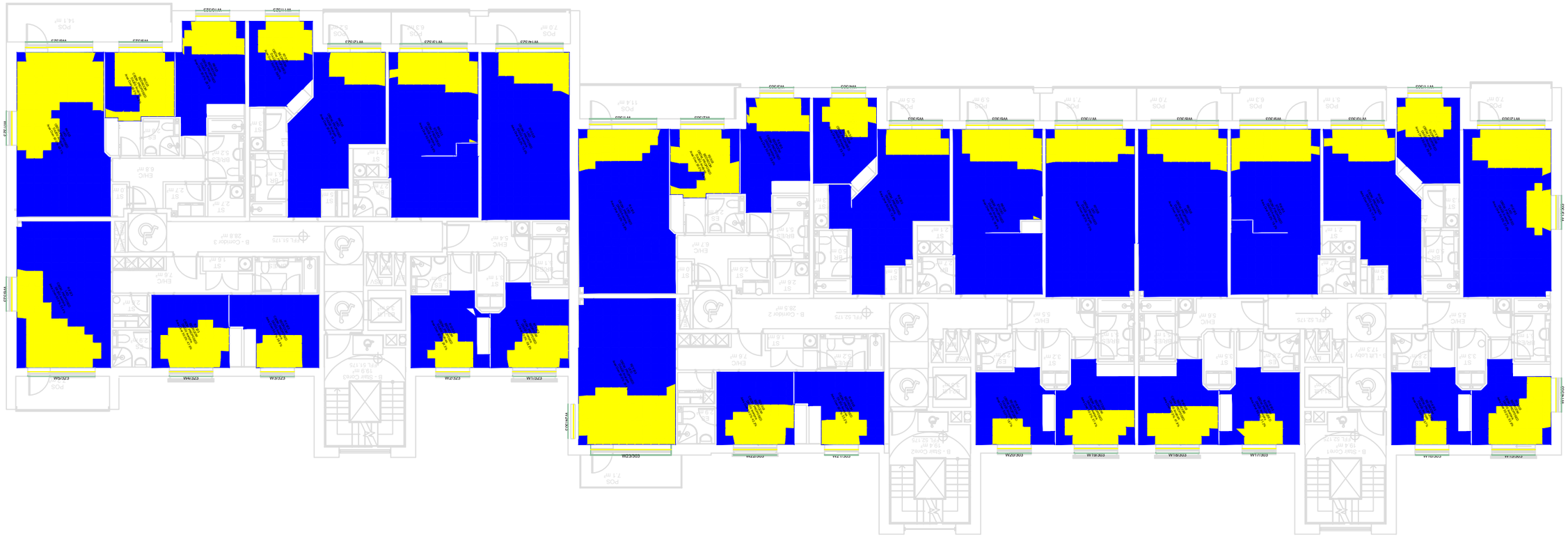
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W5321
W4321
W3321
W2321
W1321
W23301
W22301
W21301
W20301
W19301
W18301
W17301
W16301
W15301
W14301
W13301
W12301
W11301
W10301
W9301
W8301
W7301
W6301
W5301
W4301
W3301
W2301
W1301
W1321
W2321
W3321
W4321
W5321
W6321
W7321
W8321
W9321
W10321
W11321
W12321
W13321
W14321
W15321
W16321
W17321


W5/322
W4/322
W3/322
W2/322
W1/322
W23/302
W22/302
W21/302
W20/302
W19/302
W18/302
W17/302
W16/302
W15/302
W14/302
W13/302
W12/302
W11/302
W10/302
W9/302
W8/302
W7/302
W6/302
W5/302
W4/302
W3/302
W2/302
W1/302
W1/322
W2/322
W3/322
W4/322
W5/322
W6/322
W7/322
W8/322
W9/322
W10/322
W11/322
W12/322
W13/322
W14/322
W15/322
W16/322
W17/322



3RD FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

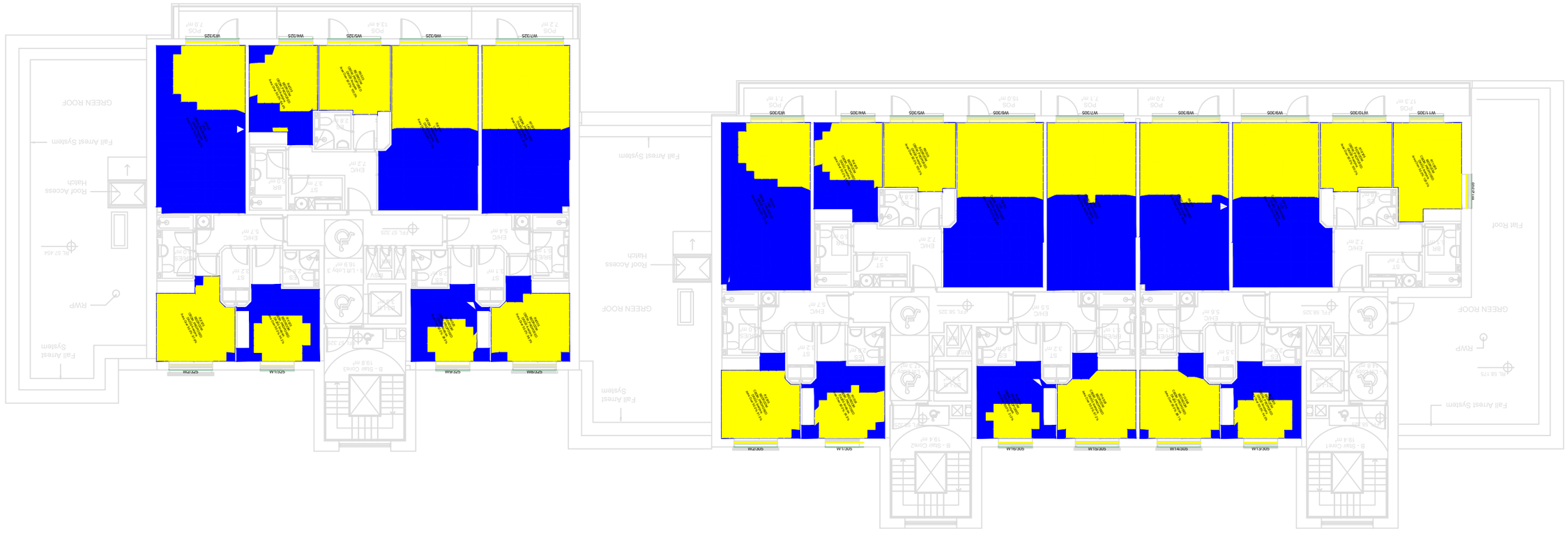
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12D	BRE_15	-

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W5/324
W4/324
W3/324
W2/324
W1/324
W23/304
W22/304
W21/304
W20/304
W19/304
W18/304
W17/304
W16/304
W15/304
B - Corridor 3
B - Corridor 2
B - Staff Toilet
B - Staff Toilet
B - Staff Toilet
B - LIft Lobby
B - Staff Toilet
B - Staff Toilet
B - Staff Toilet



5TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12D	BRE_17	-

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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK C

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12D	BRE_18	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK C

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12D	BRE_19	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

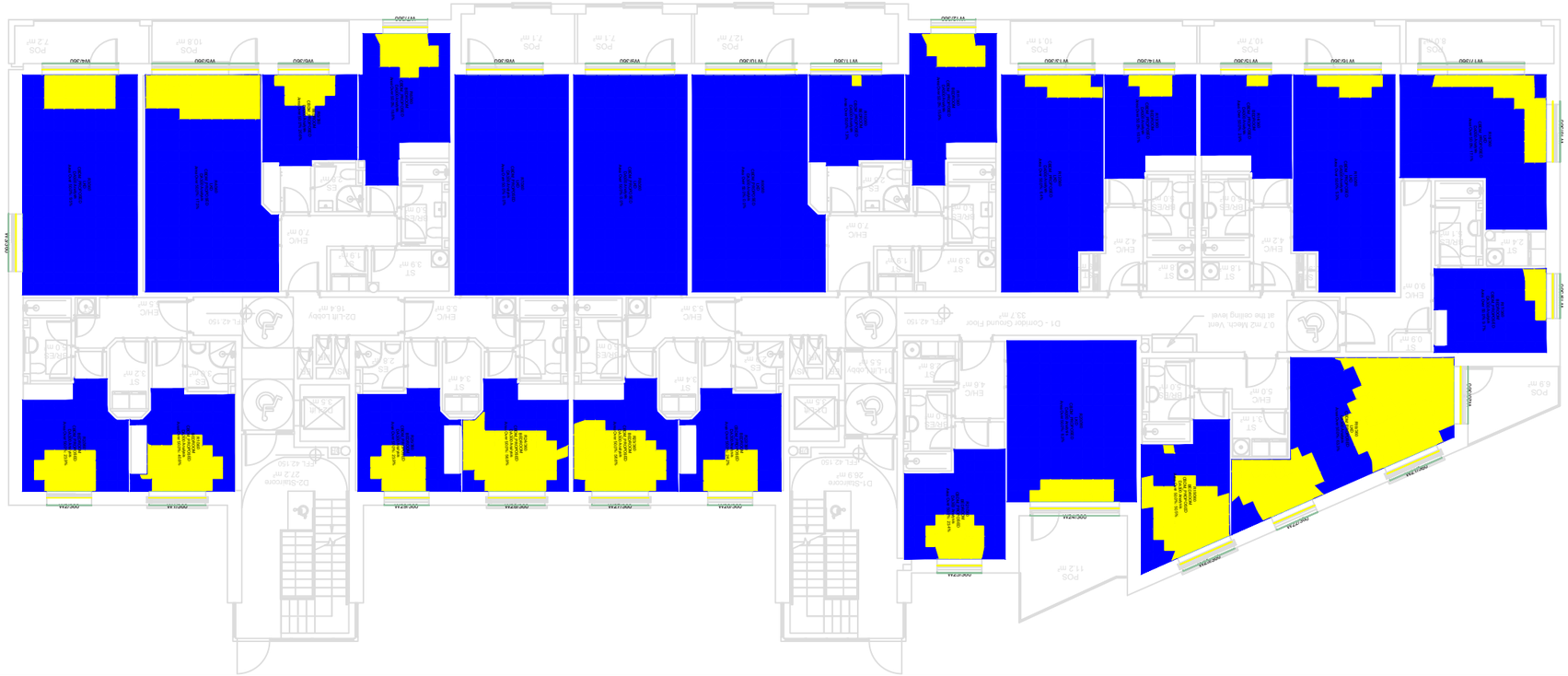
Drawing Title
CBDM European results for
BLOCK C

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12D	BRE_20	-

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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12D	BRE_21	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12D	BRE_22	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12D	BRE_23	-

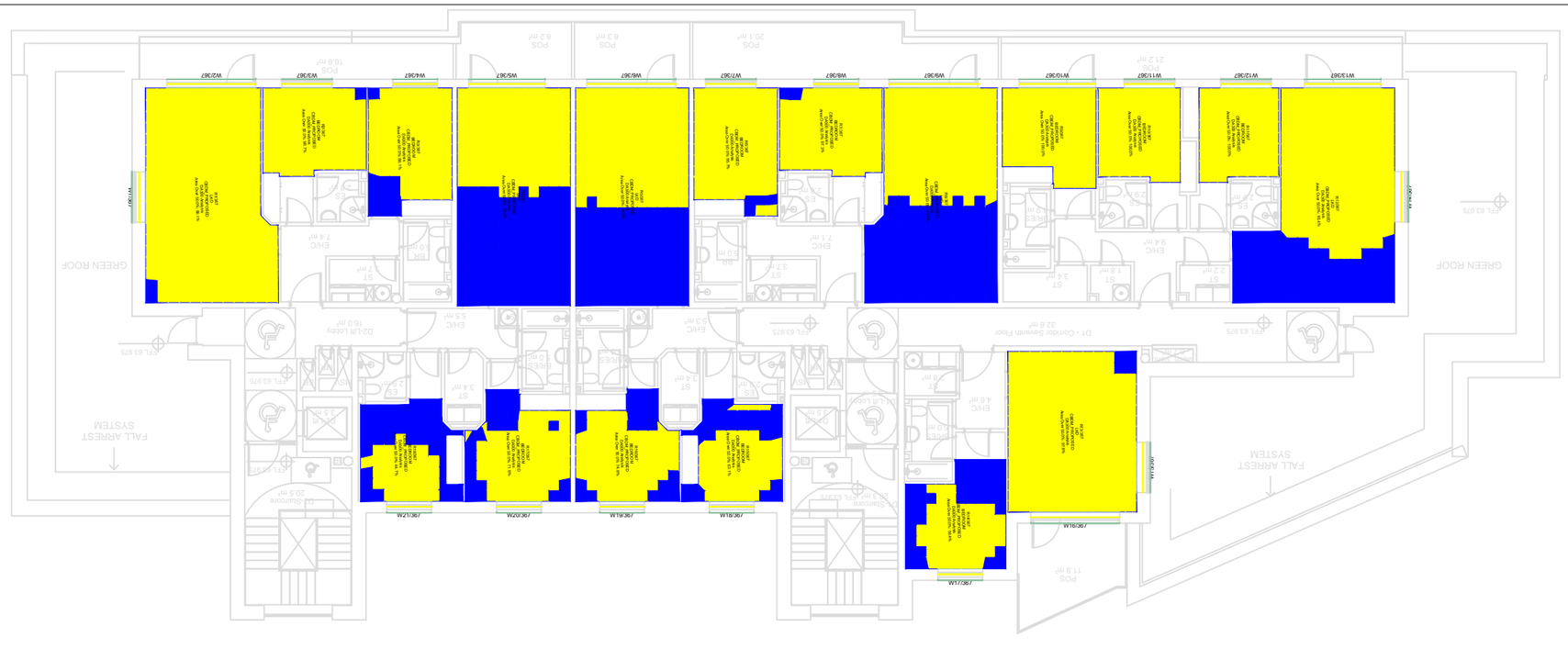
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6TH FLOOR



7TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

BLOCK D

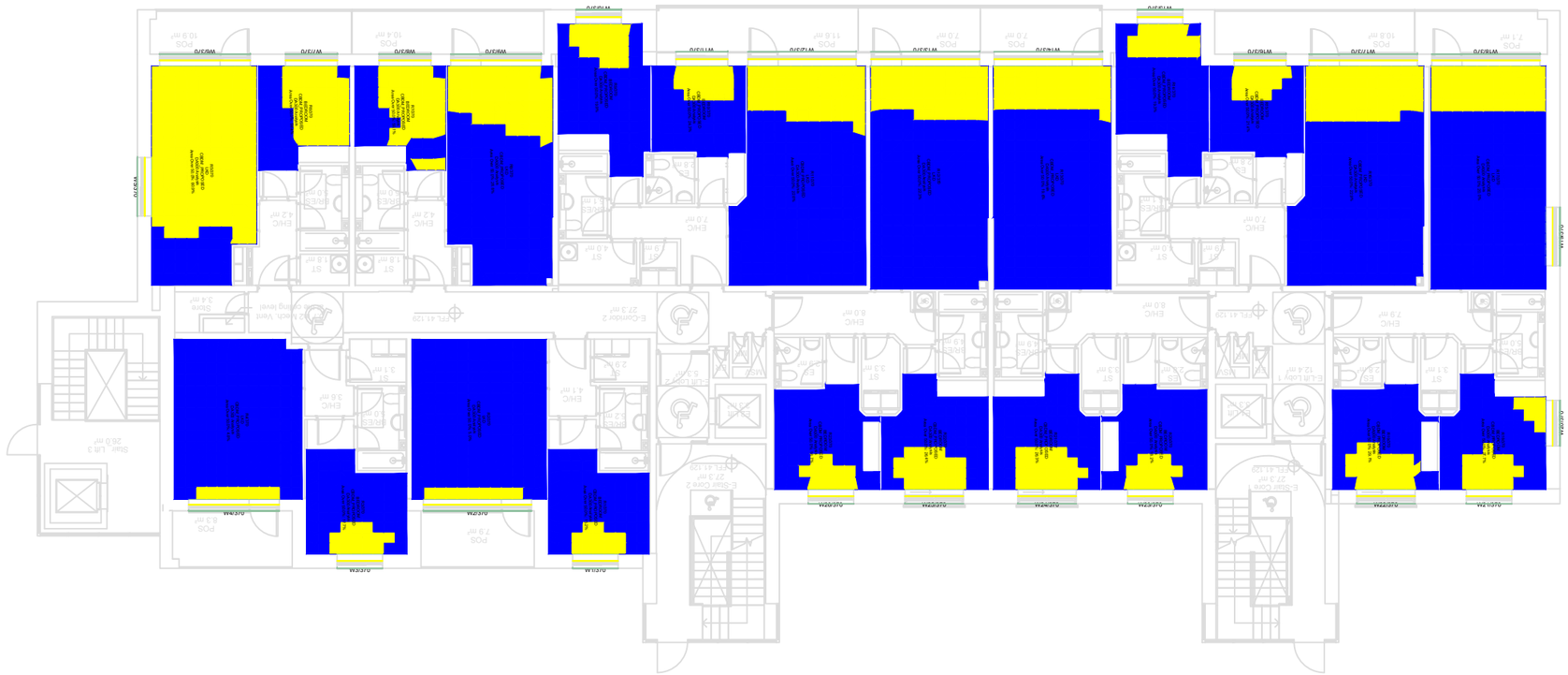
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12D	BRE_24	-

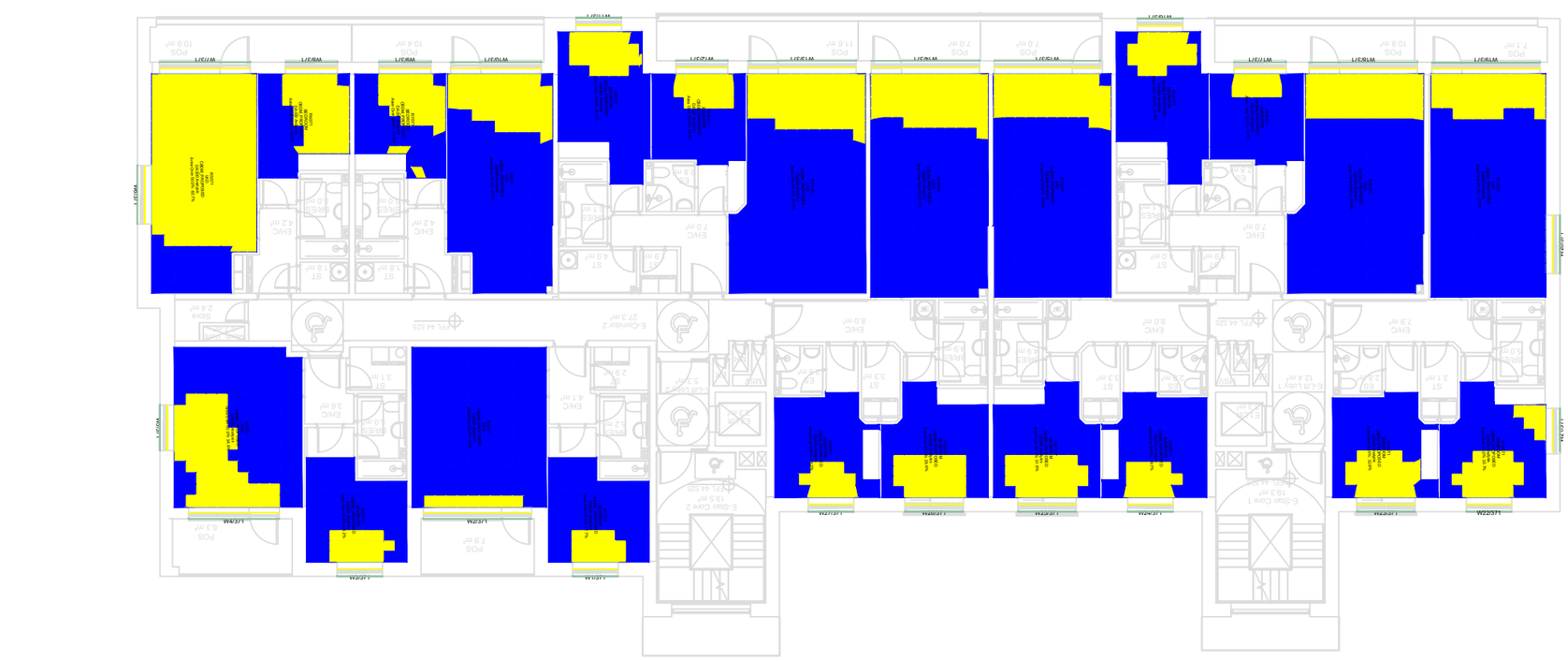
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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

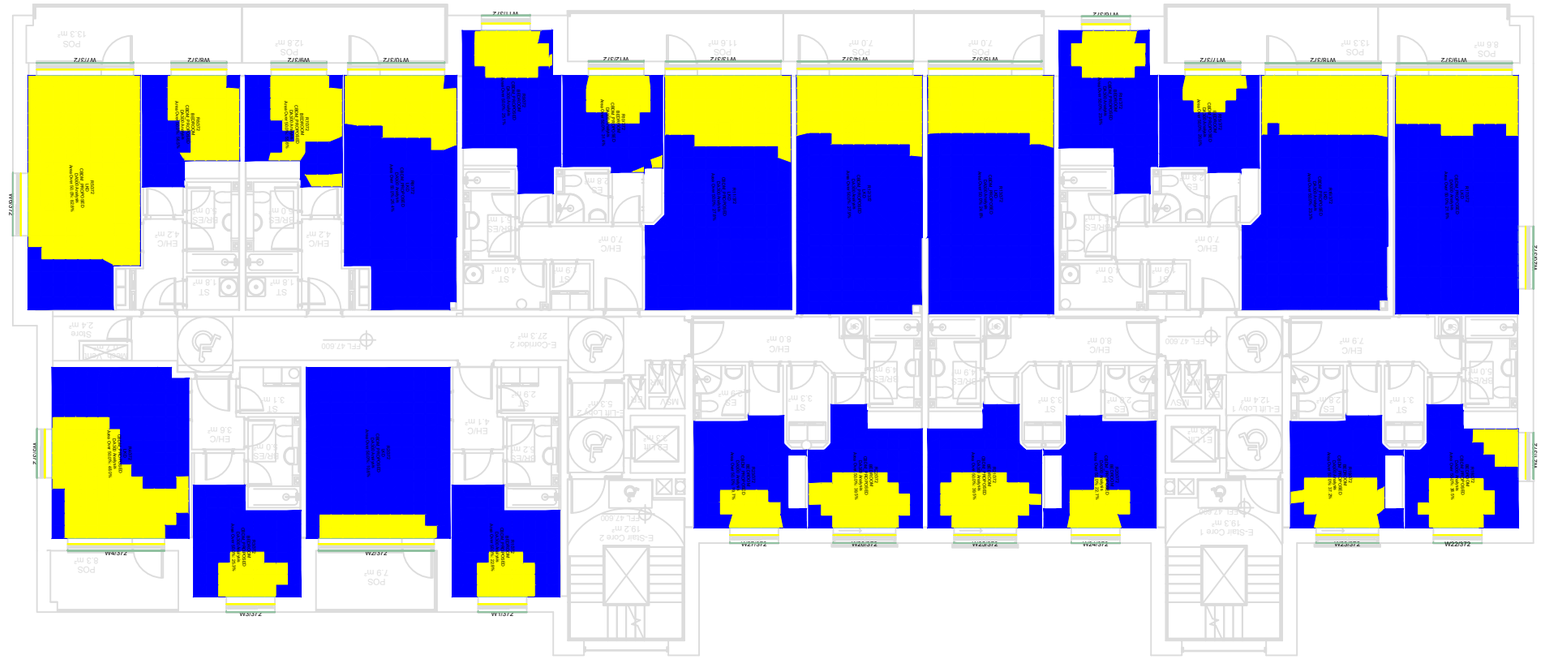
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

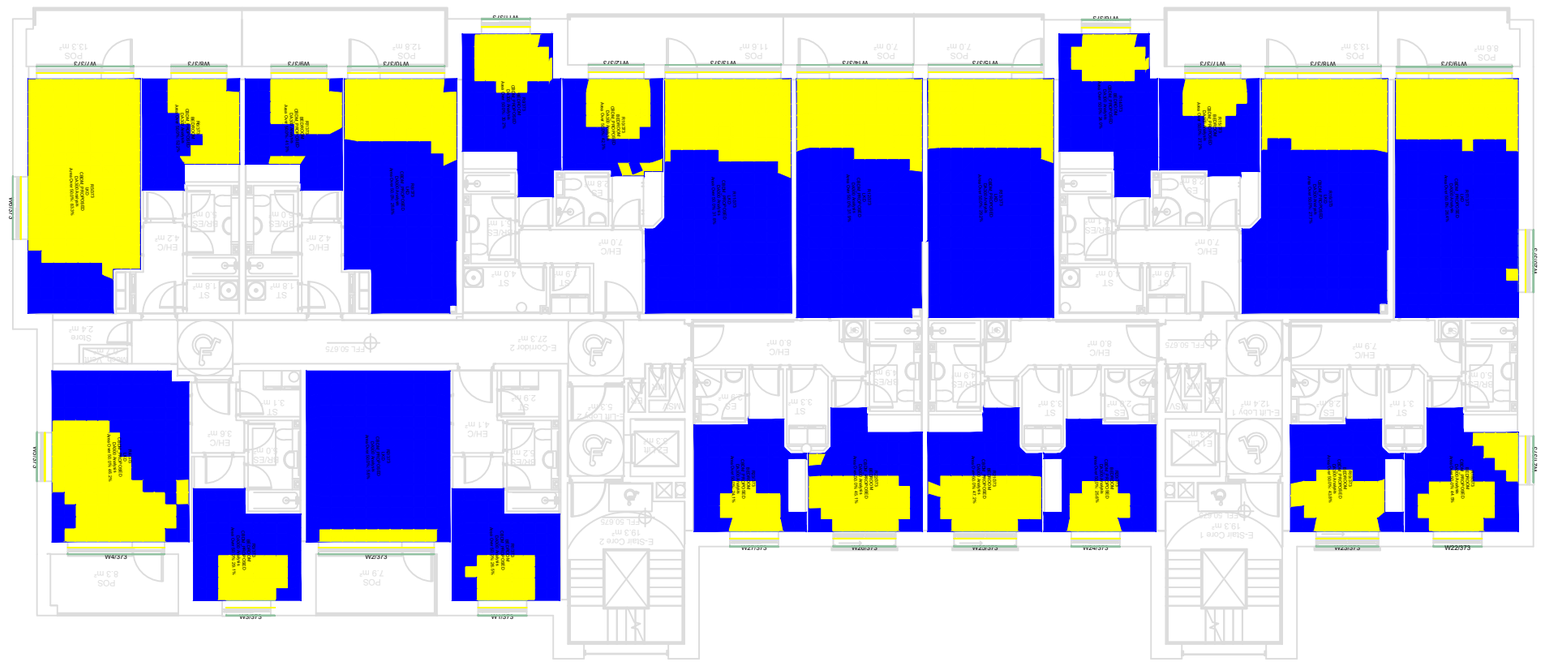
Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	21 Feb 2022
Drawing Title			
CBDM European results for BLOCK E	Project No. HA163_12D	Drawing No. BRE_25	Revision -

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12D	BRE_26	-

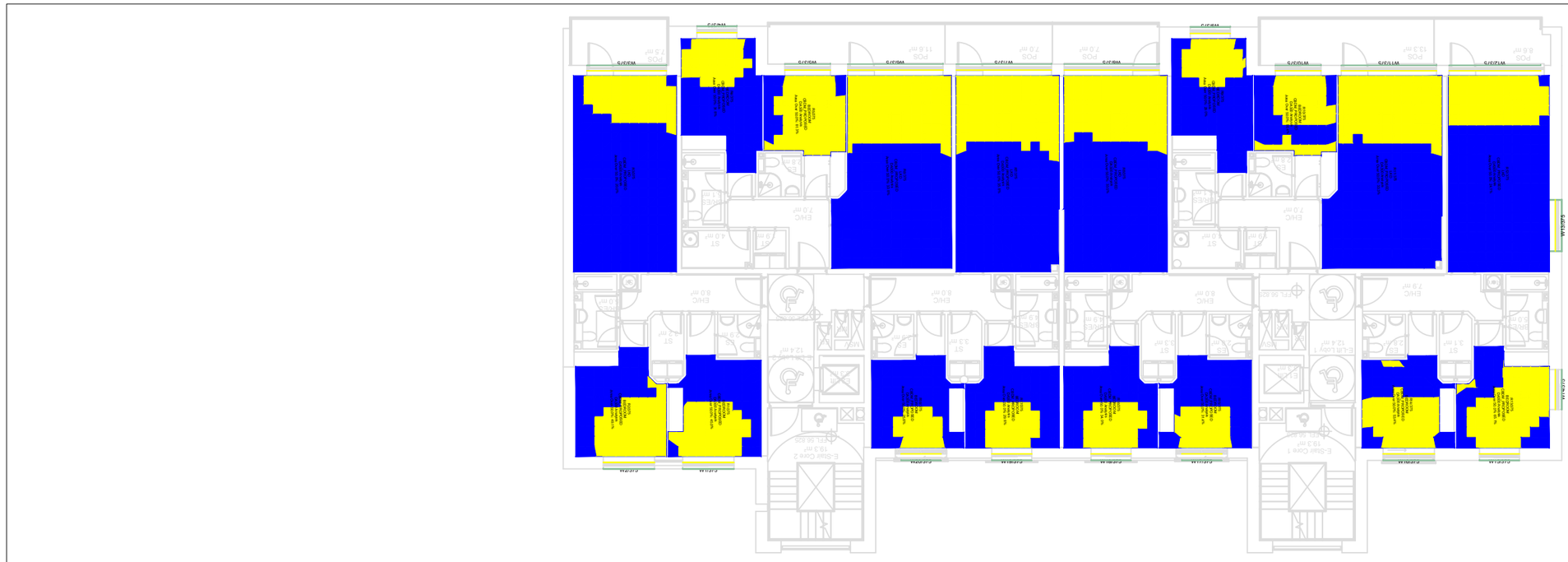
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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

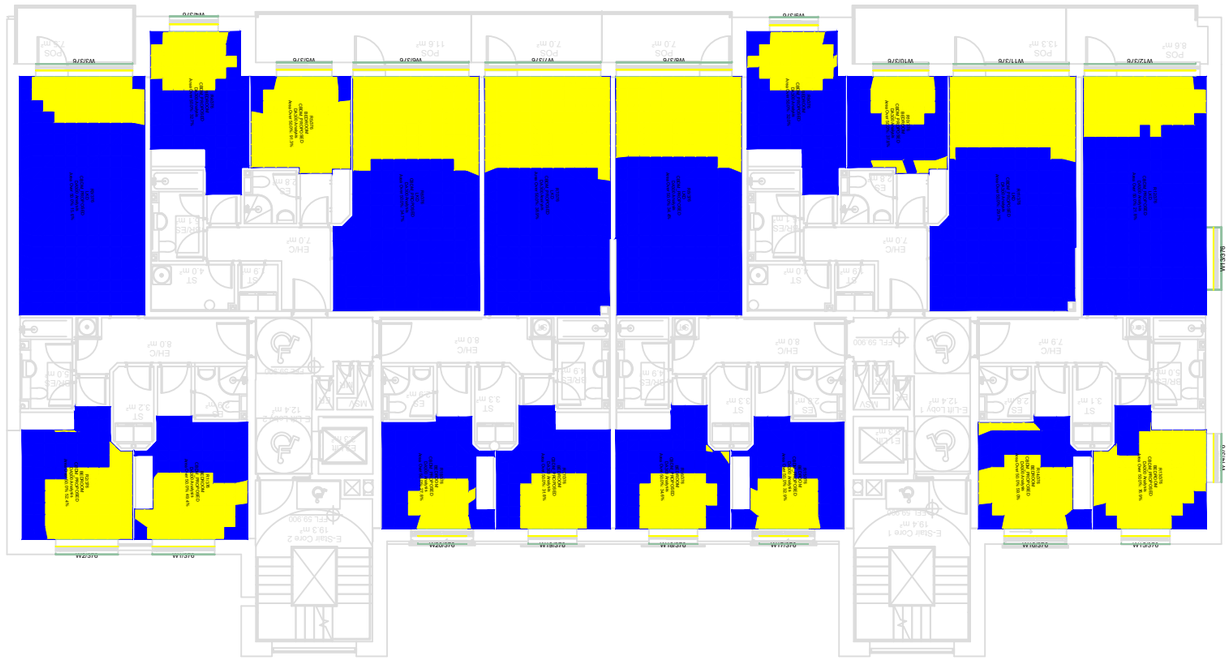
CBDM European results for

BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12D	BRE_27	-

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6TH FLOOR



7TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

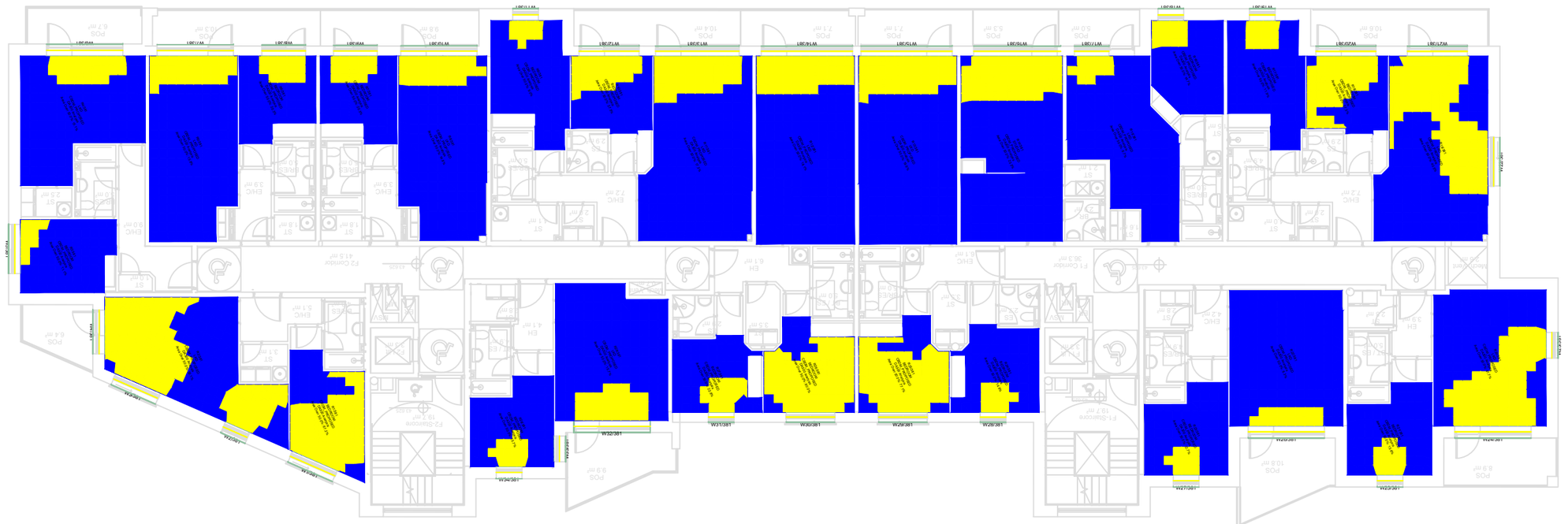
Project No.	Drawing No.	Revision
HA163_12D	BRE_28	-

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GROUND FLOOR



1ST FLOOR

Key:
Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK F

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

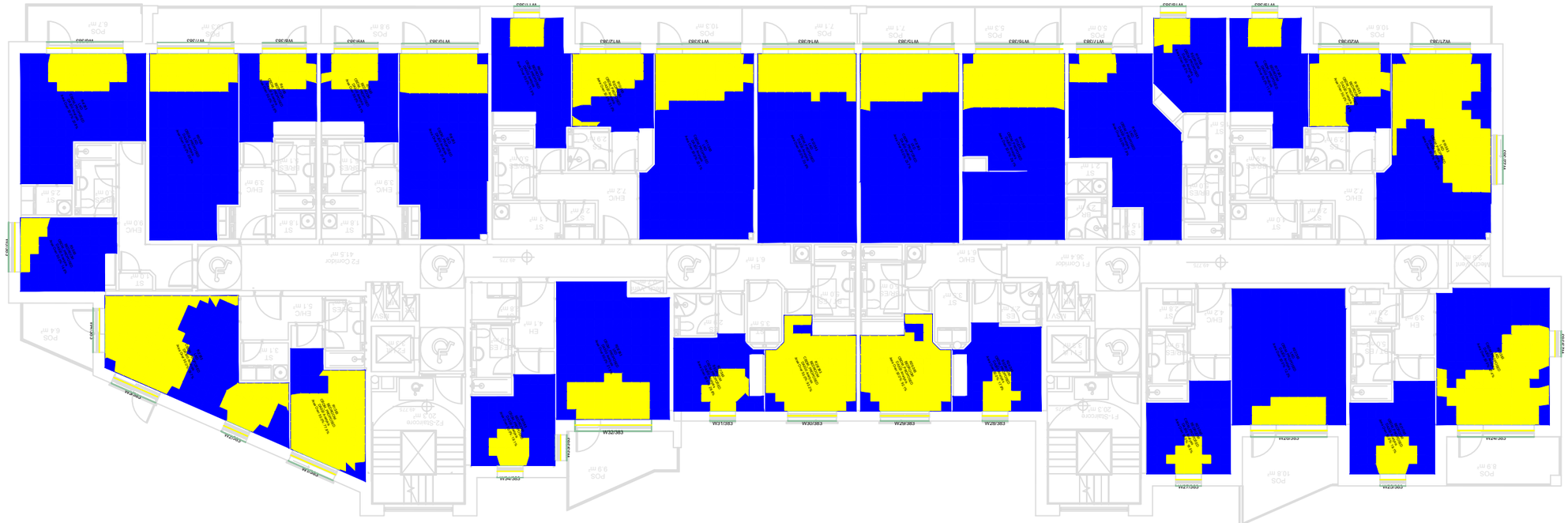
Project No.	Drawing No.	Revision
HA163_12D	BRE_29	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	14. 2D INFO 02 FEB 2021 Architects Plans and elevation dwgs	N/A

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

BLOCK F

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12D	BRE_30	-

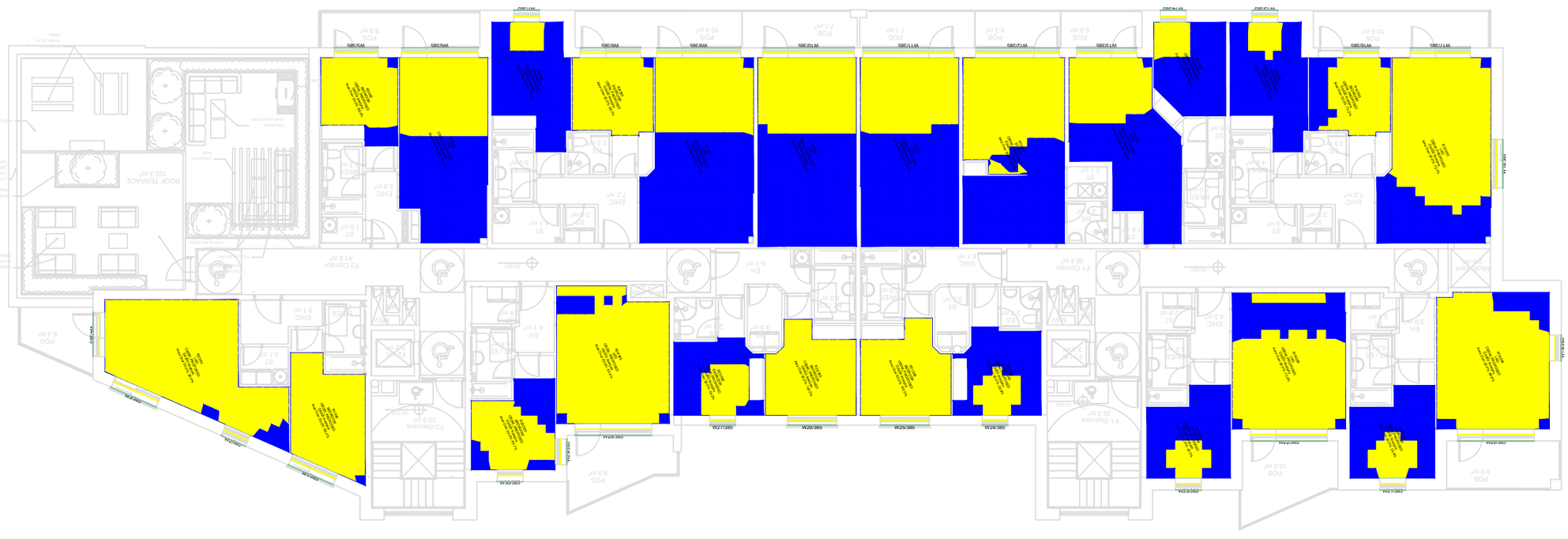
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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

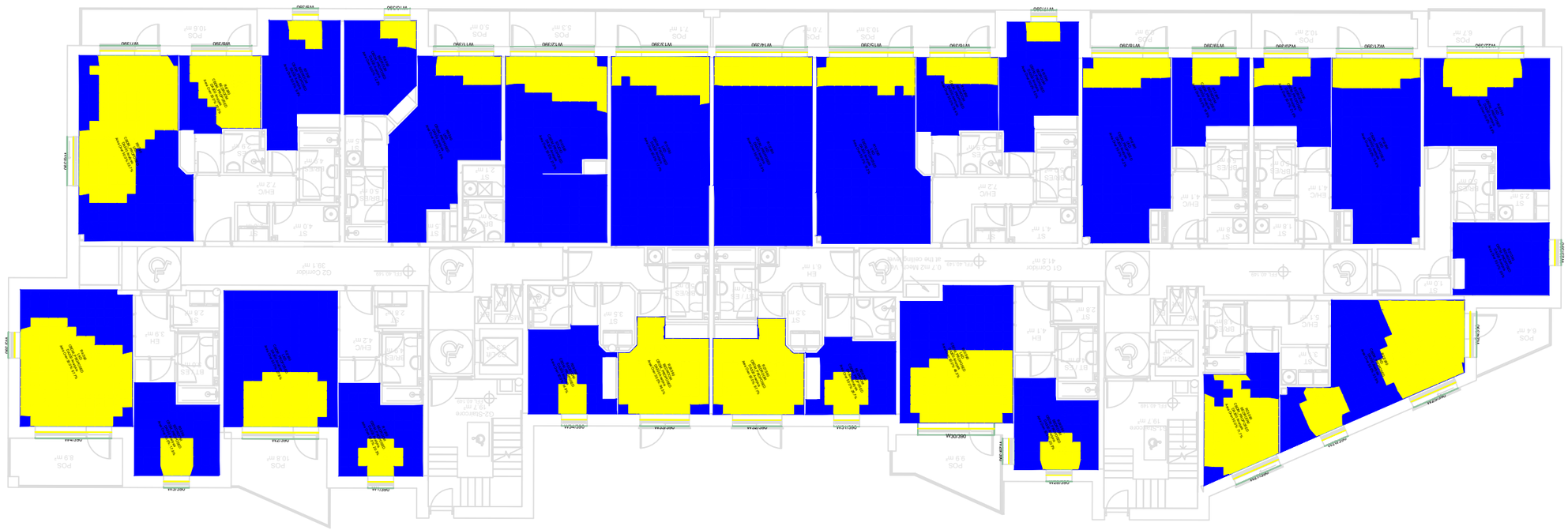
Drawing Title
CBDM European results for
BLOCK F

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12D	BRE_31	-

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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

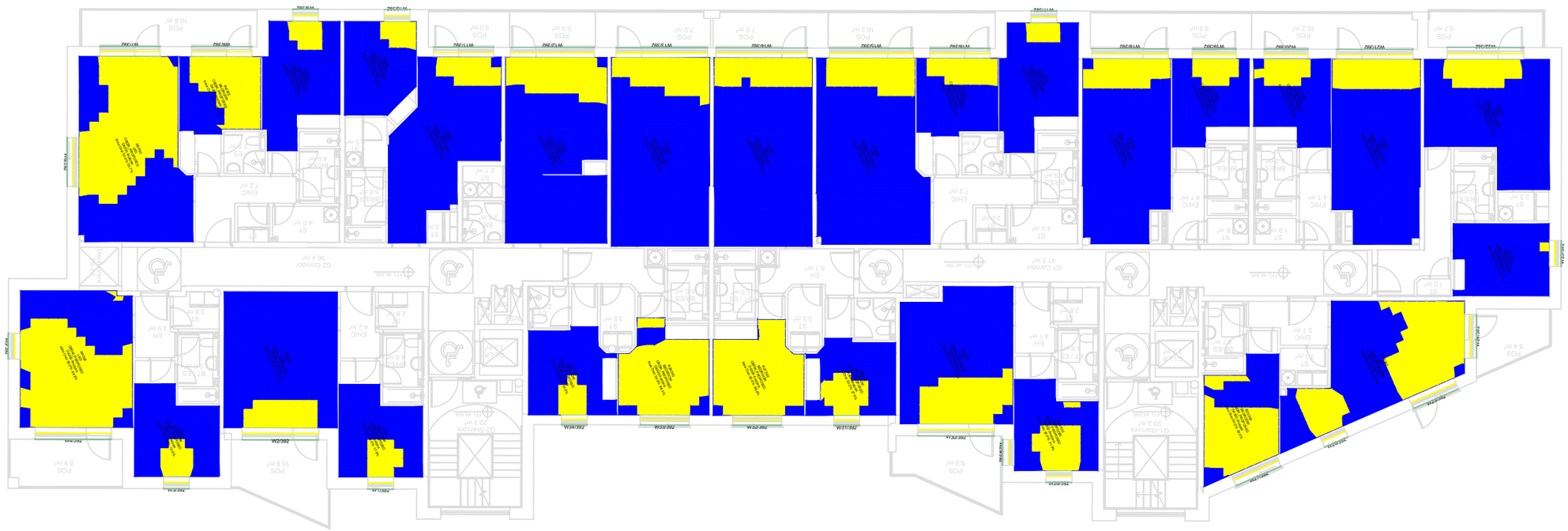
Drawing Title
CBDM European results for
BLOCK G

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

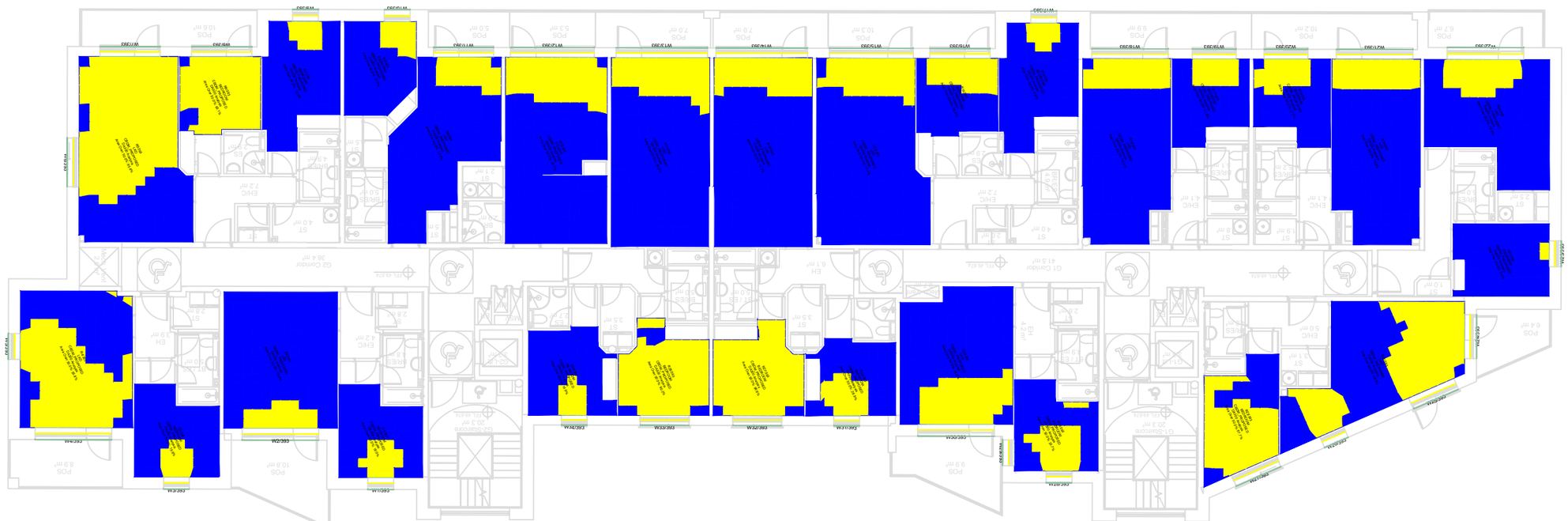
Project No.	Drawing No.	Revision
HA163_12D	BRE_32	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

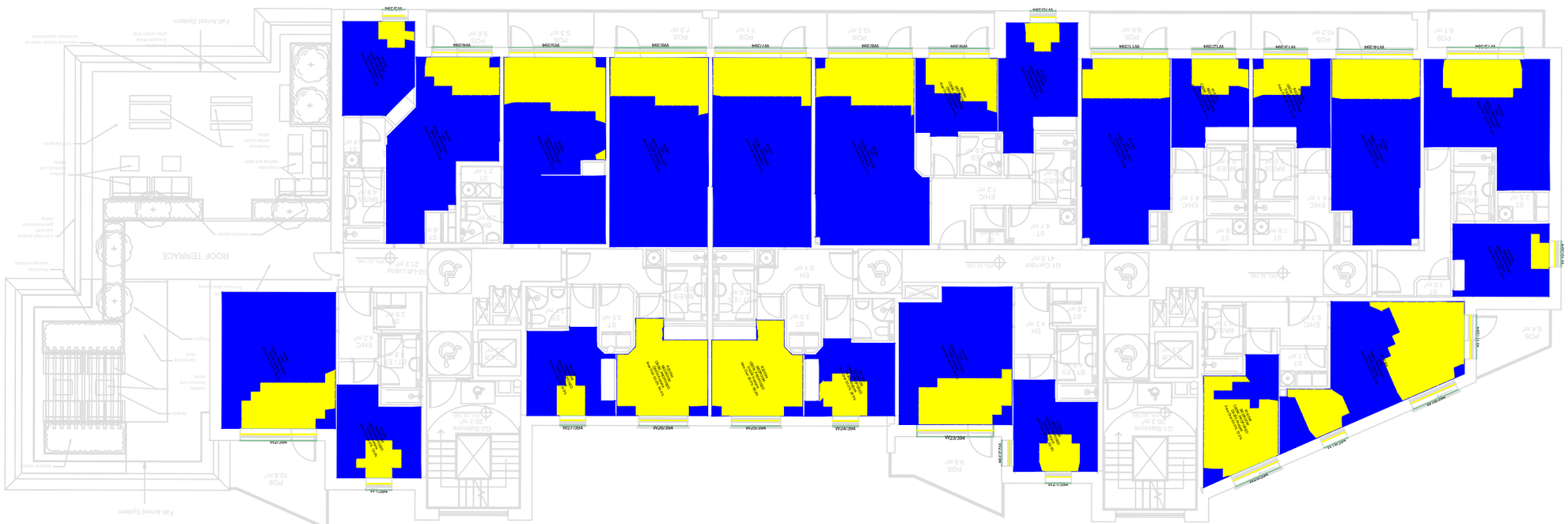
BLOCK G

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12D	BRE_33	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy European

Range: DA300 >300 Lux

Area analysed

0.0% Area exceeds >300 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK G

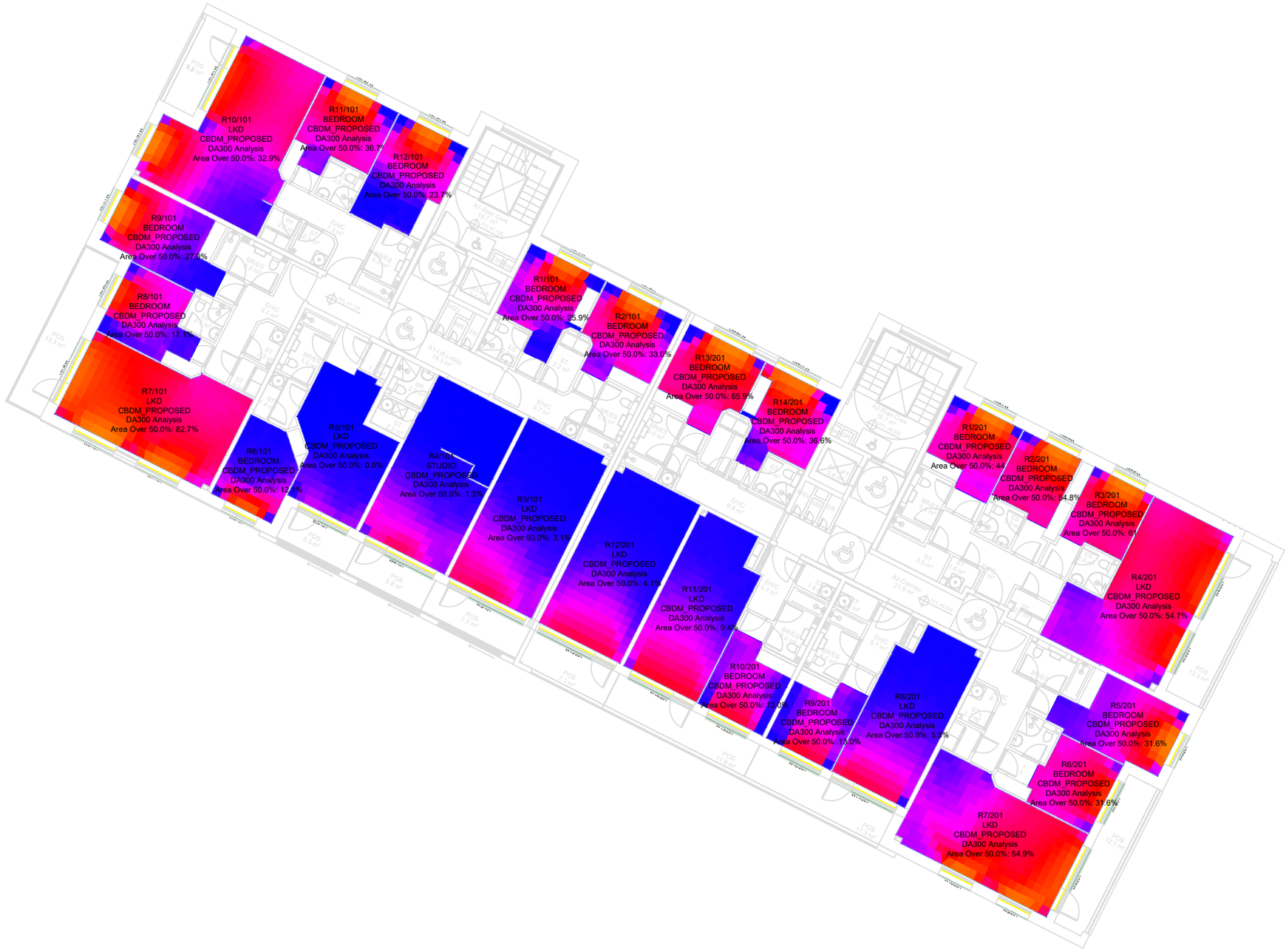
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12D	BRE_34	-

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N



1ST FLOOR

Key:
Climate Based Daylight Autonomy

DA300 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

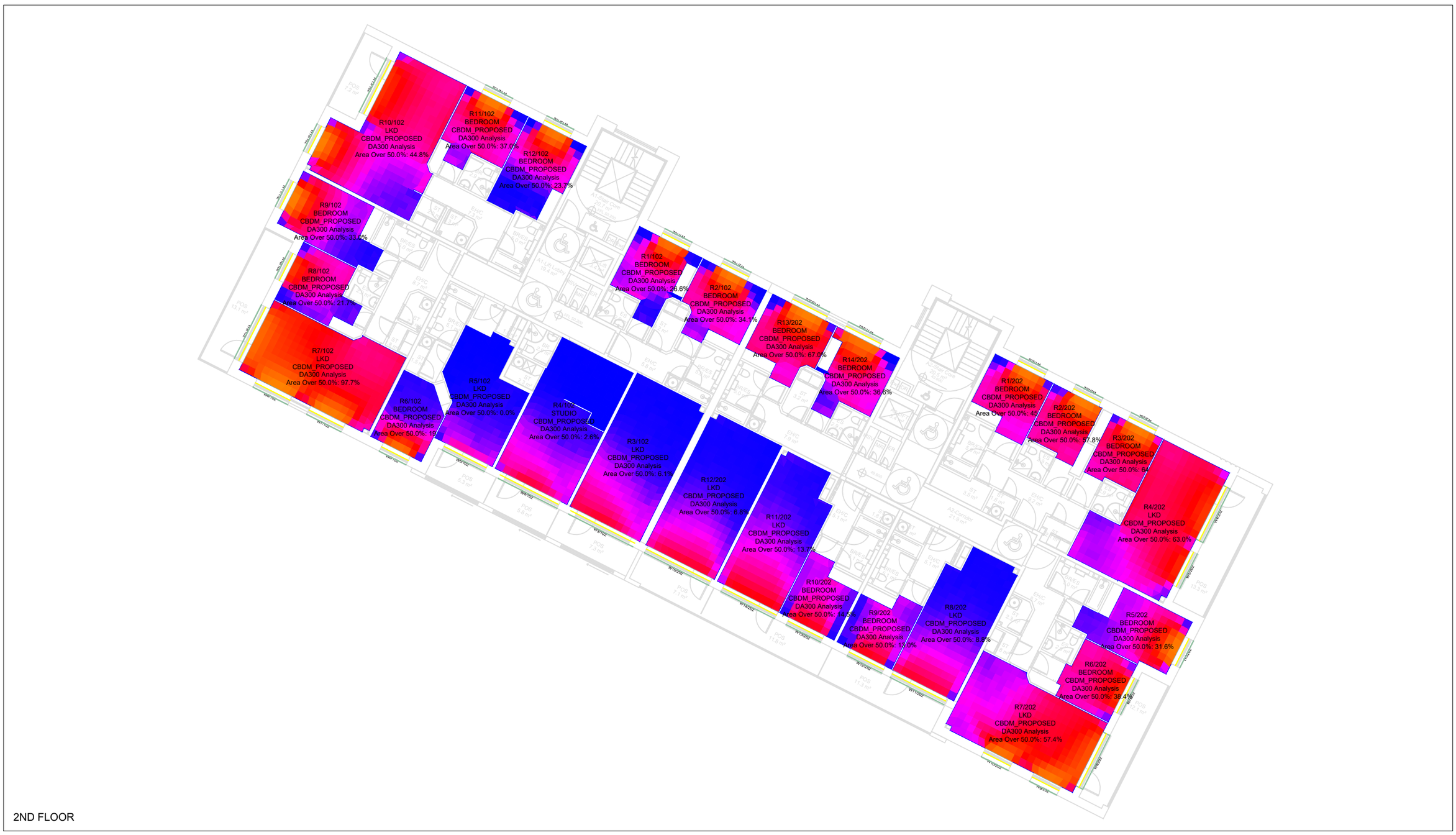
Drawing Title
CBDM European results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12E	BRE_05	-

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2ND FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK A

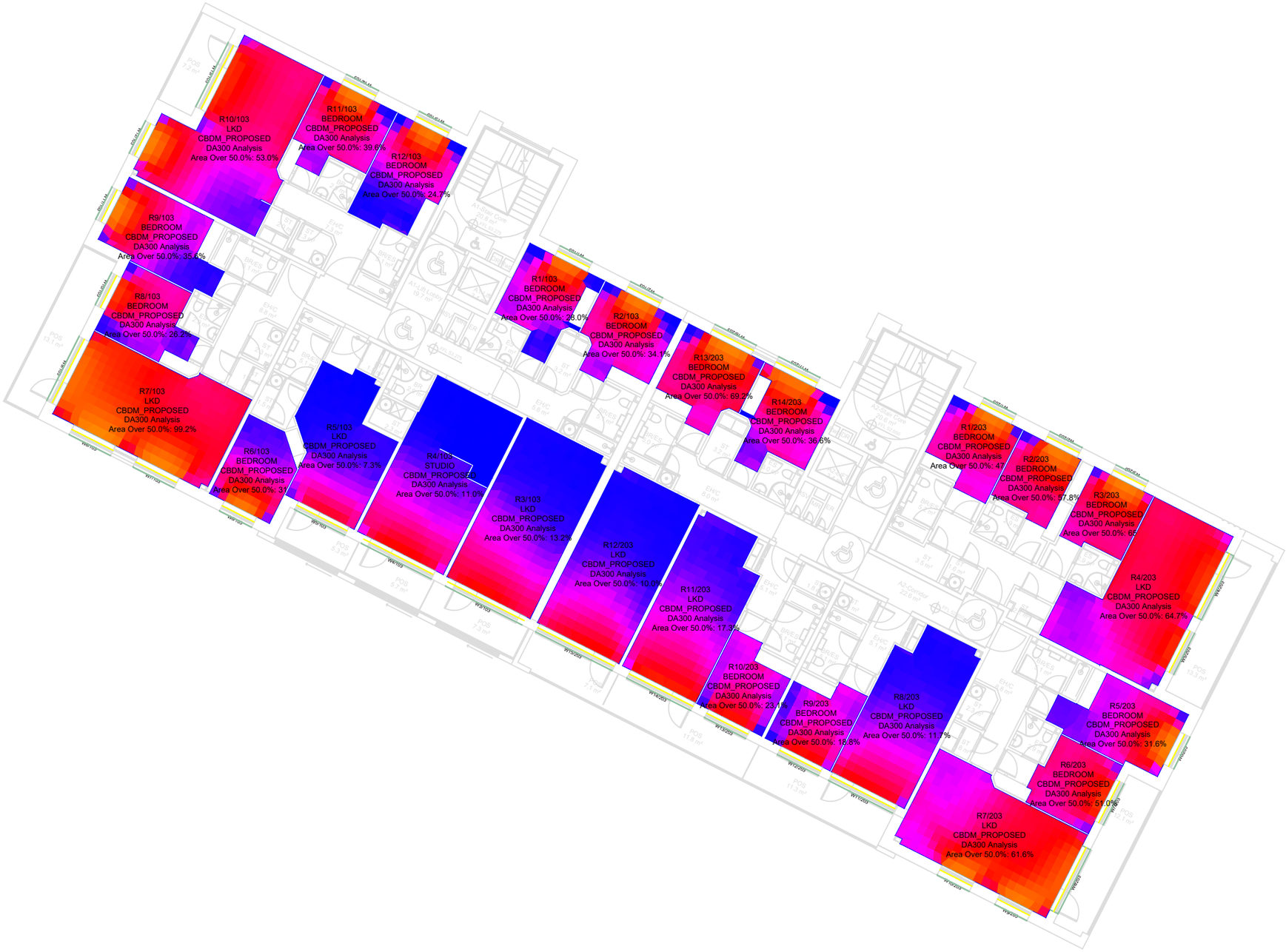
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12E	BRE_06	-

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N



3RD FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

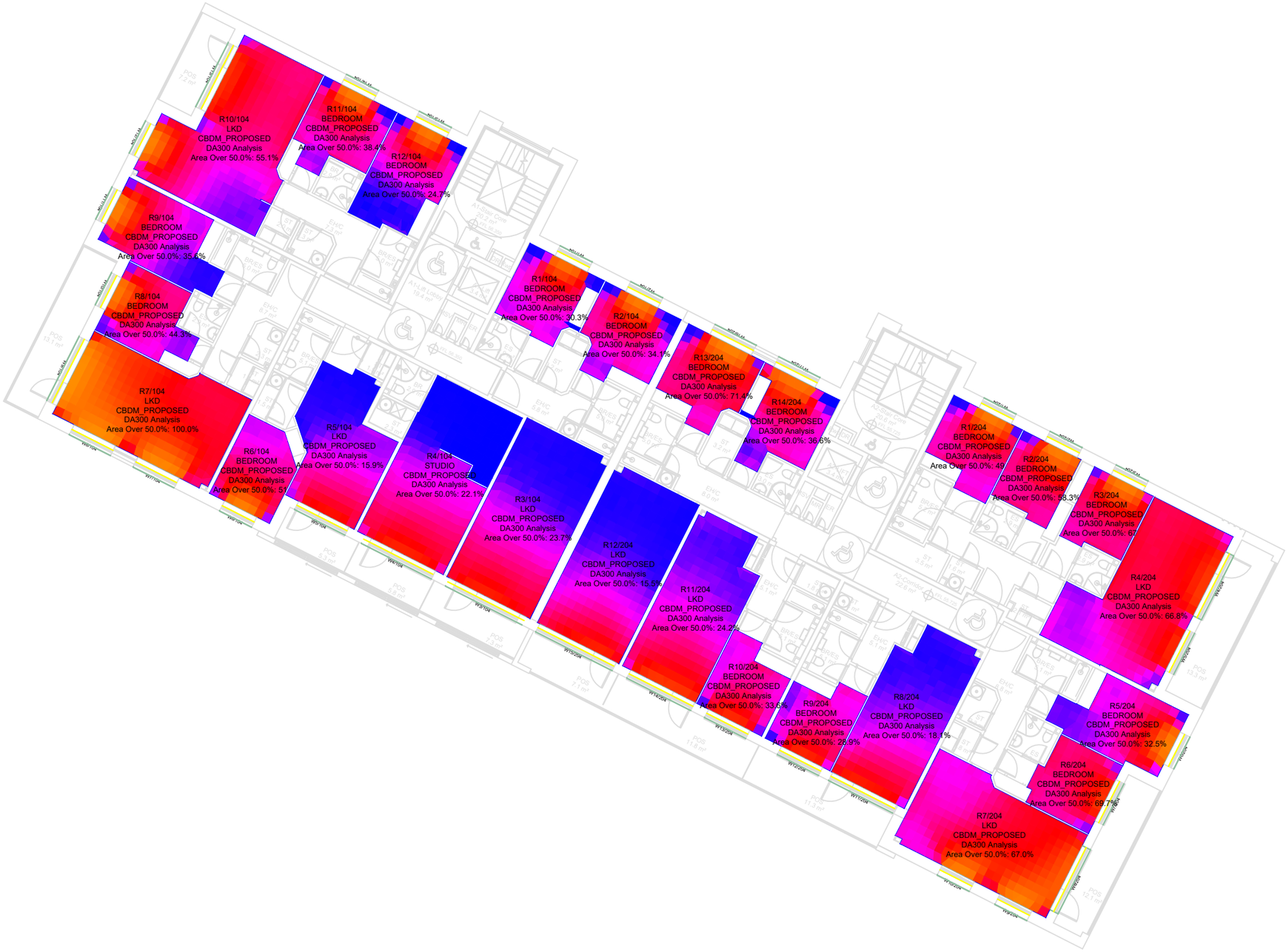
Drawing Title
CBDM European results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12E	BRE_07	-

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N



4TH FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

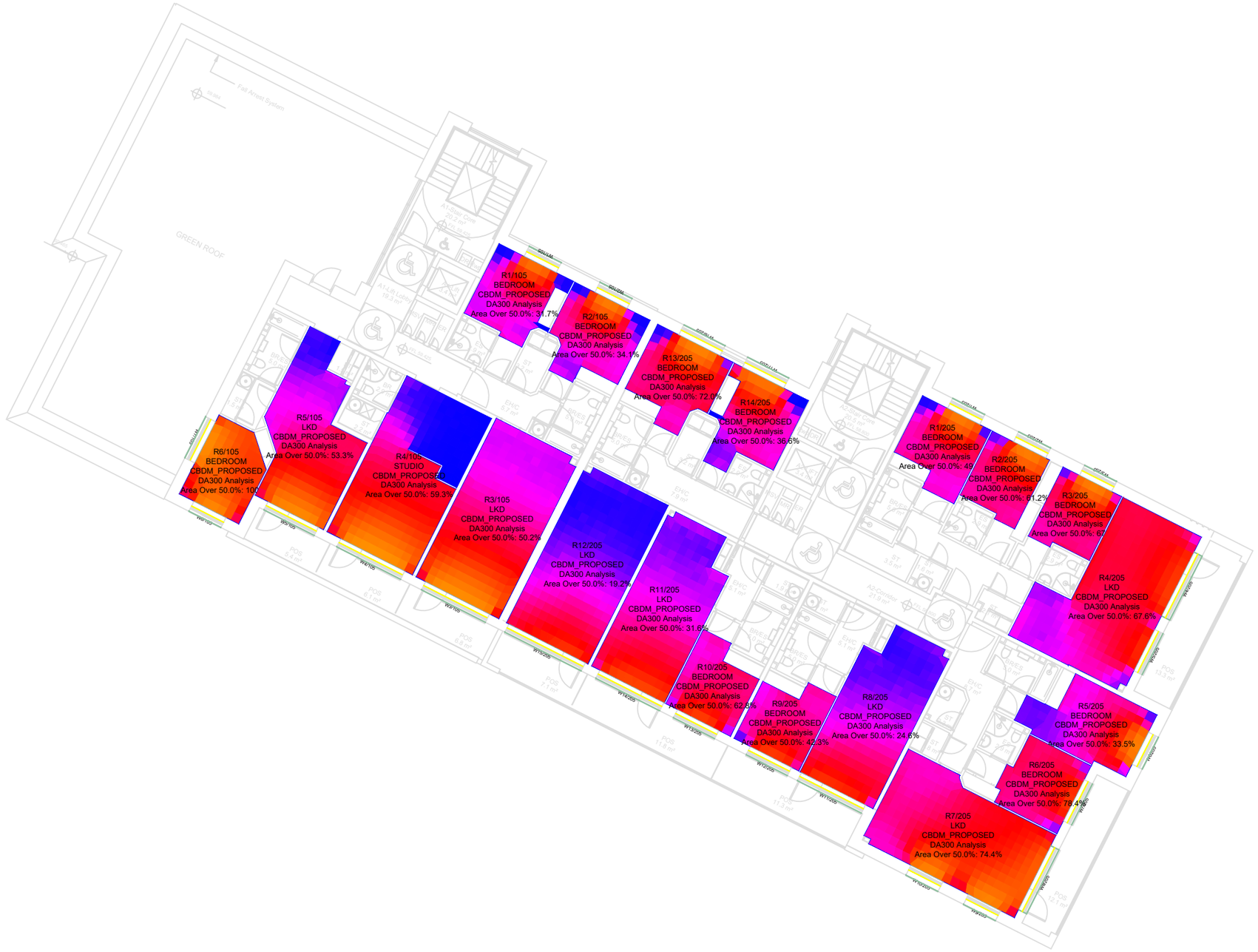
Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	21 Feb 2022
Drawing Title			
CBDM European results for BLOCK A	**Project No.** HA163_12E	**Drawing No.** BRE_08	**Revision** -

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N



5TH FLOOR

Key:

Climate Based Daylight Autonomy

DA300 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

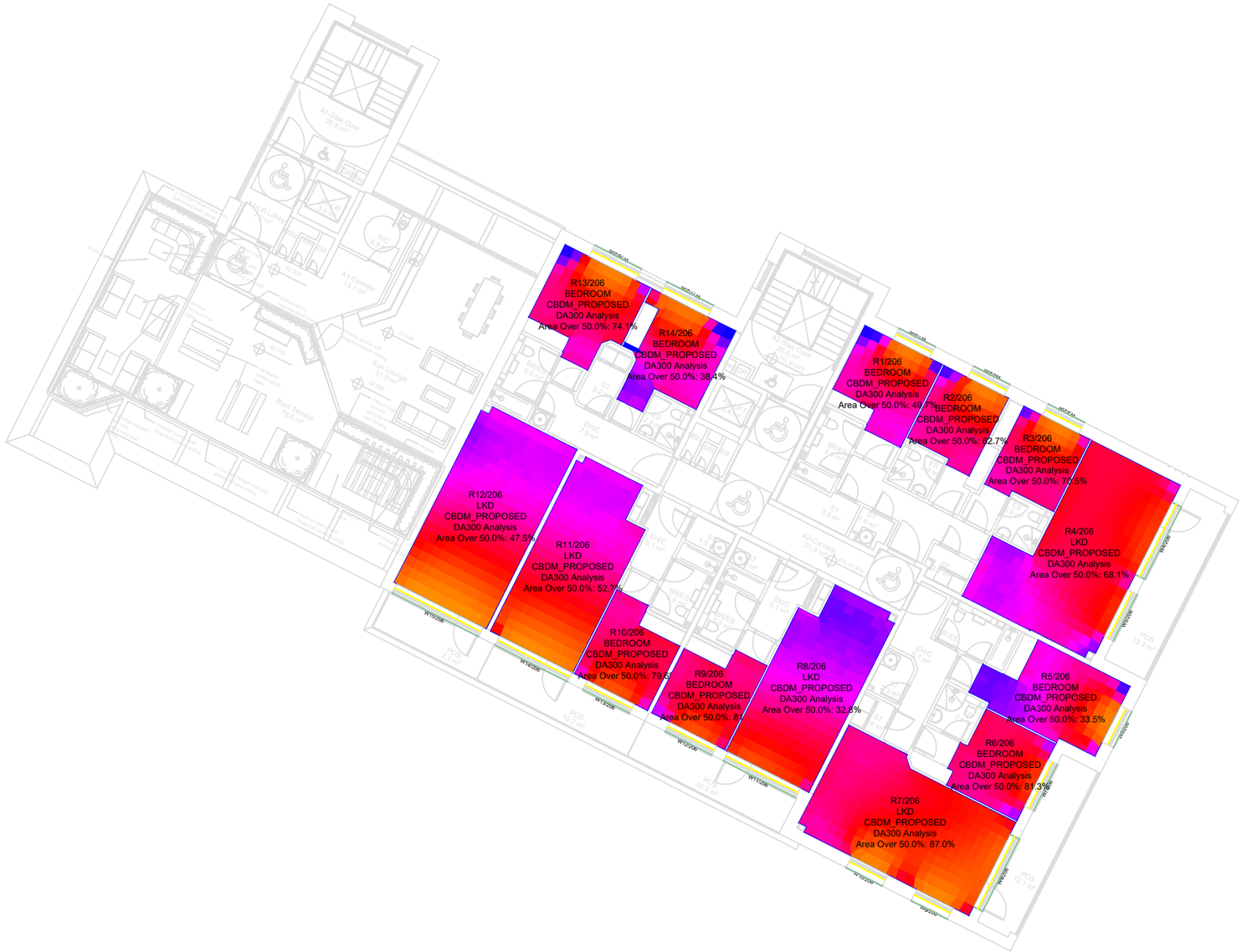
Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	21 Feb 2022
Drawing Title			
CBDM European results for BLOCK A	**Project No.**	**Drawing No.**	**Revision**
	HA163_12E	BRE_09	-

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N



6TH FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK A

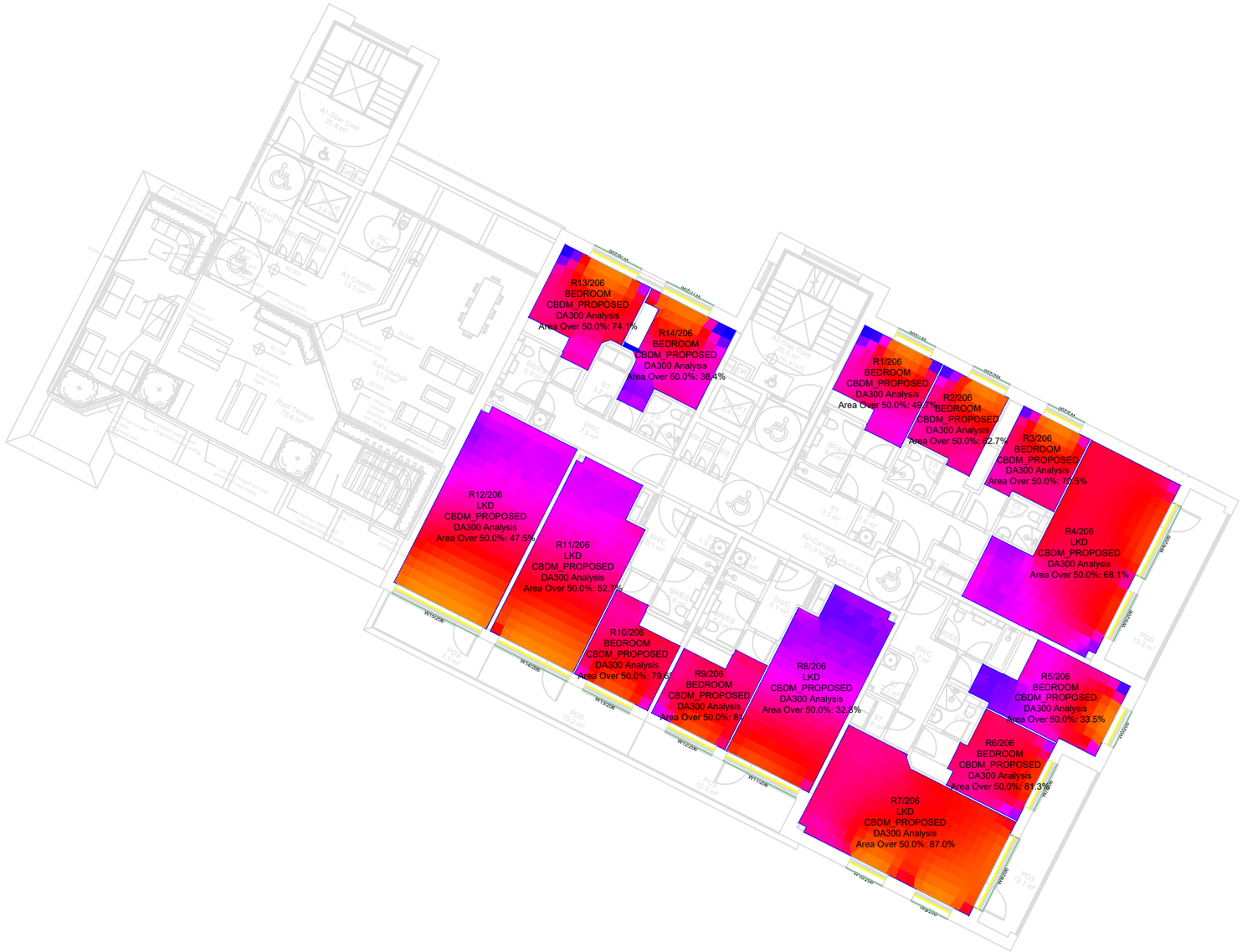
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12E	BRE_10	-

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N



7TH FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

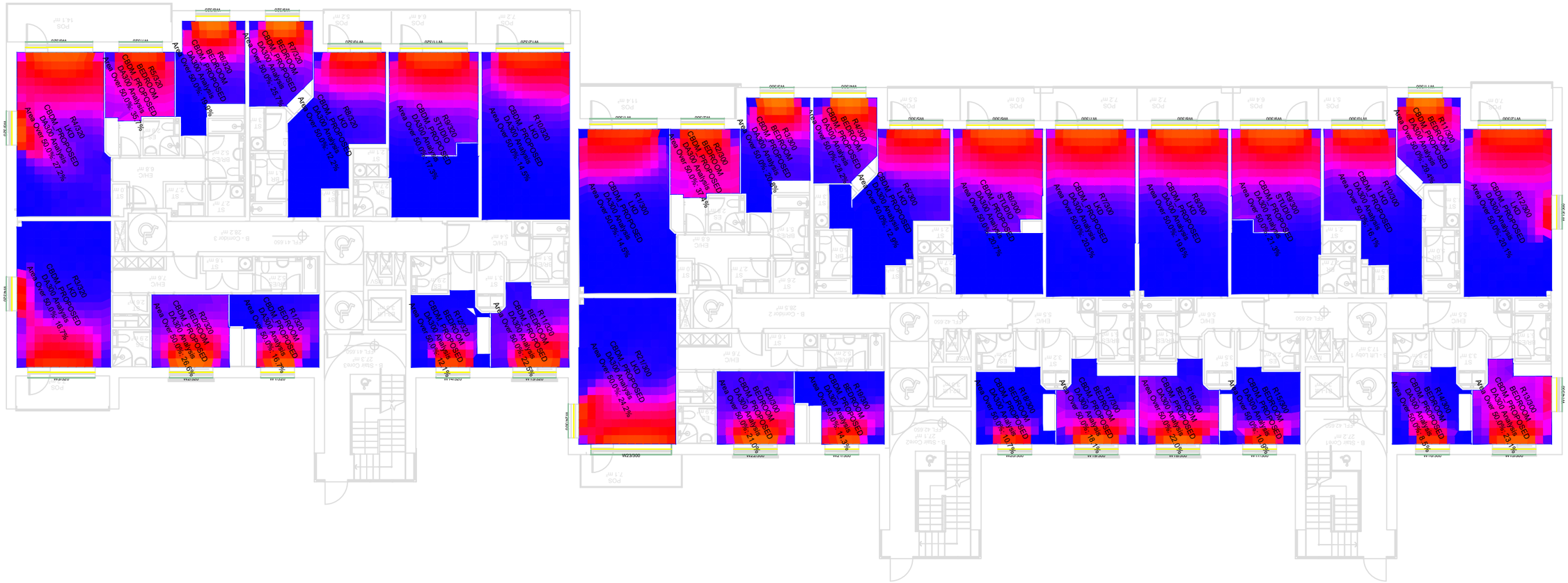
Drawing Title
CBDM European results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12E	BRE_11	-

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GROUND FLOOR

Key:
Climate Based Daylight Autonomy

DA300 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

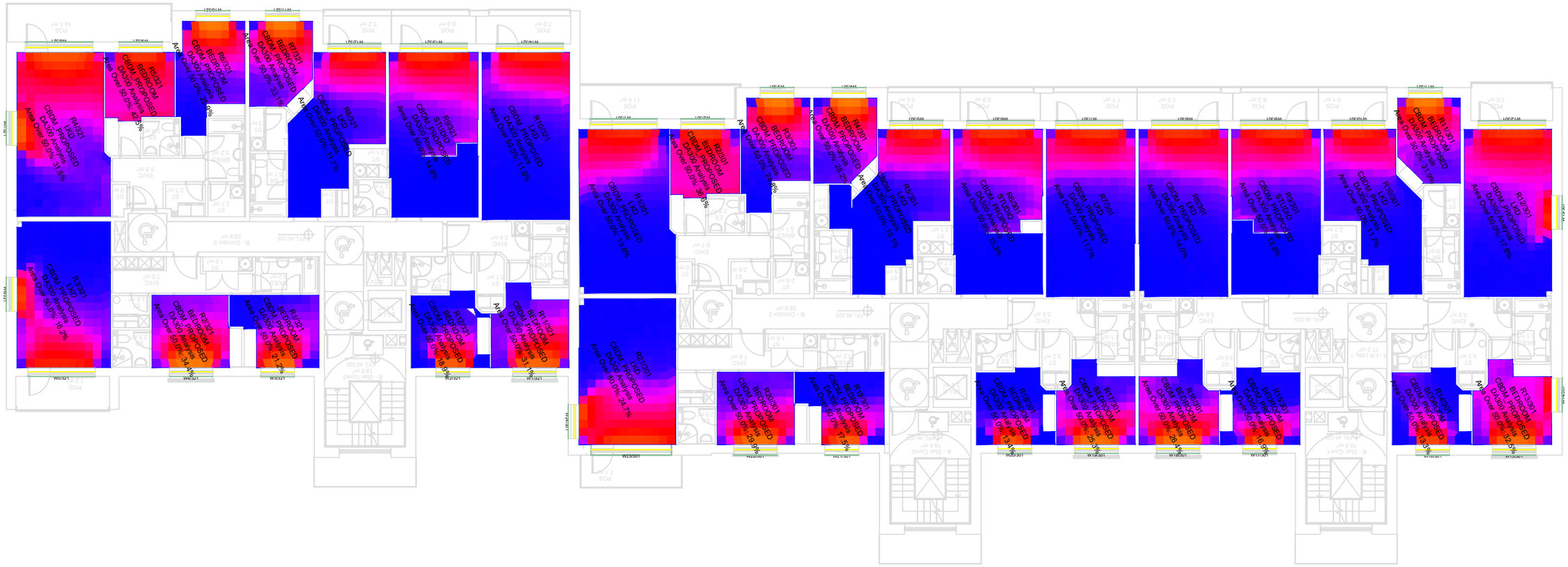
Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12E	BRE_12	-

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1ST FLOOR

Key:
Climate Based Daylight Autonomy

DA300 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

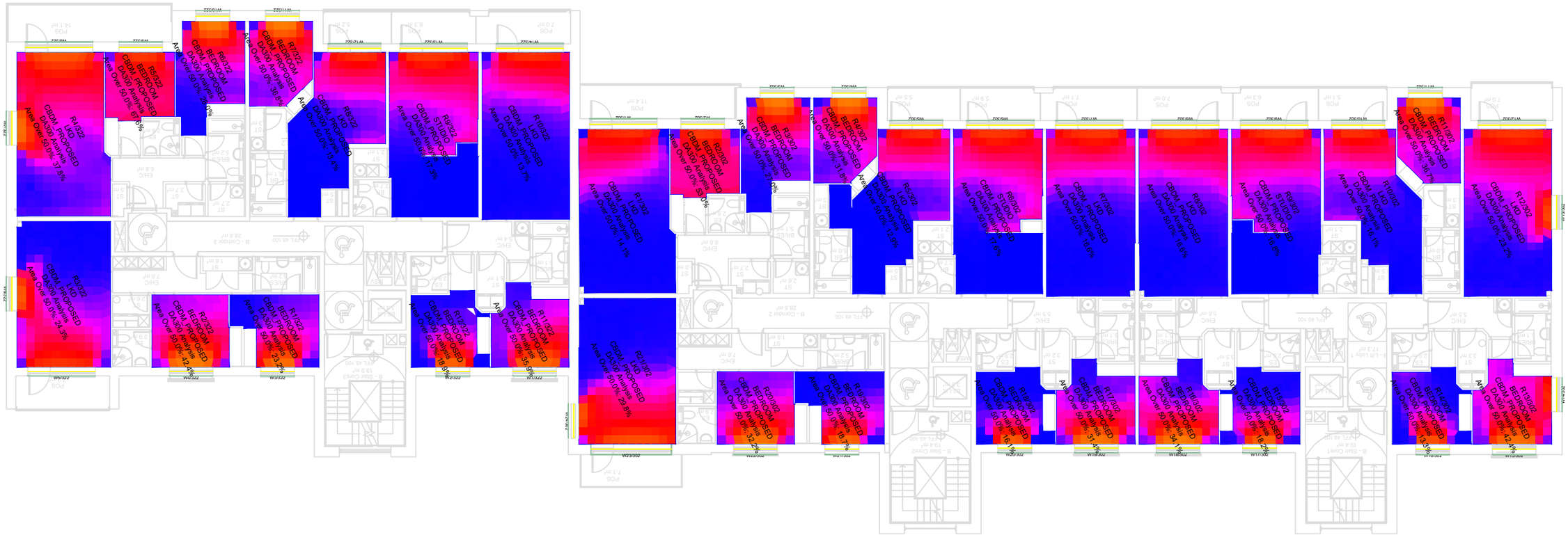
Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12E	BRE_13	-

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2ND FLOOR

Key:
Climate Based Daylight Autonomy

DA300 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

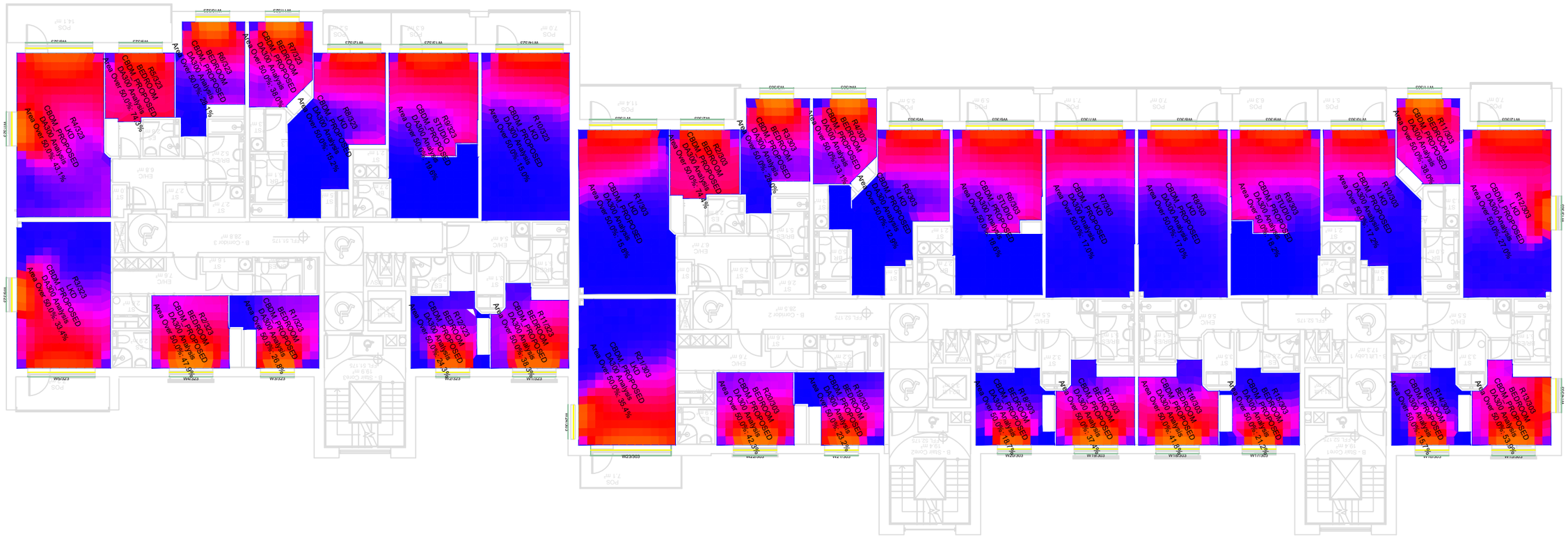
Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12E	BRE_14	-

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3RD FLOOR

Key:
Climate Based Daylight Autonomy

DA300 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

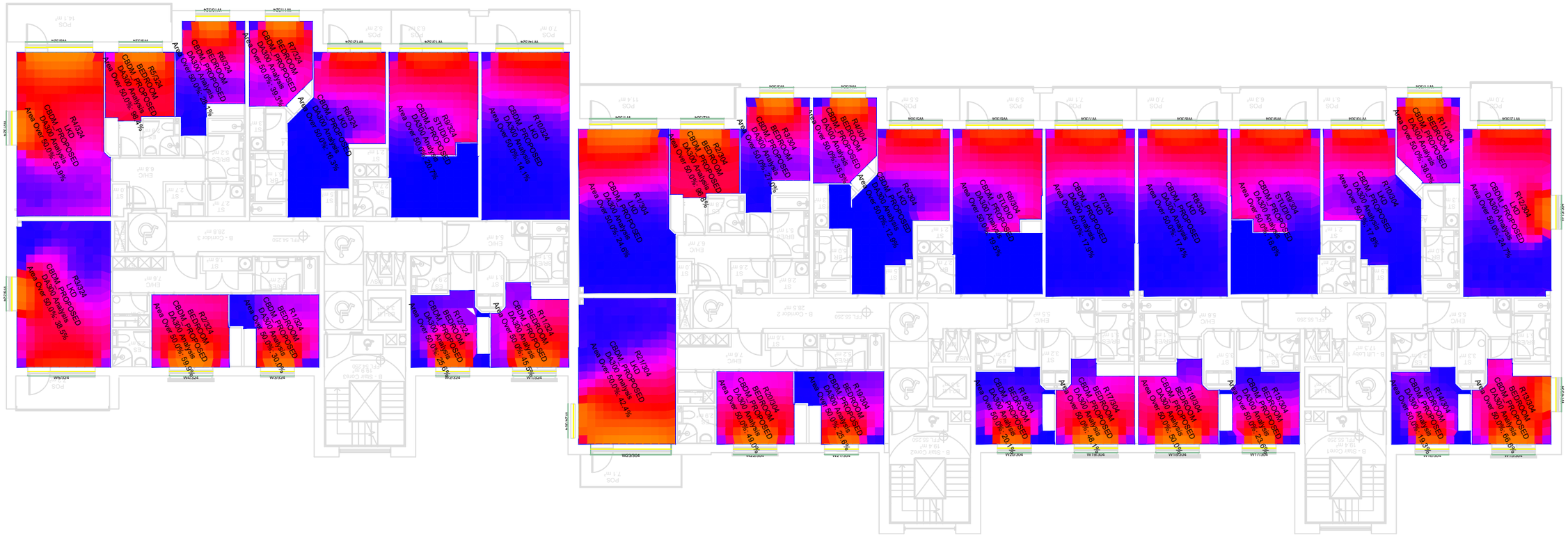
Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12E	BRE_15	-

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4TH FLOOR

Key:
Climate Based Daylight Autonomy

DA300 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

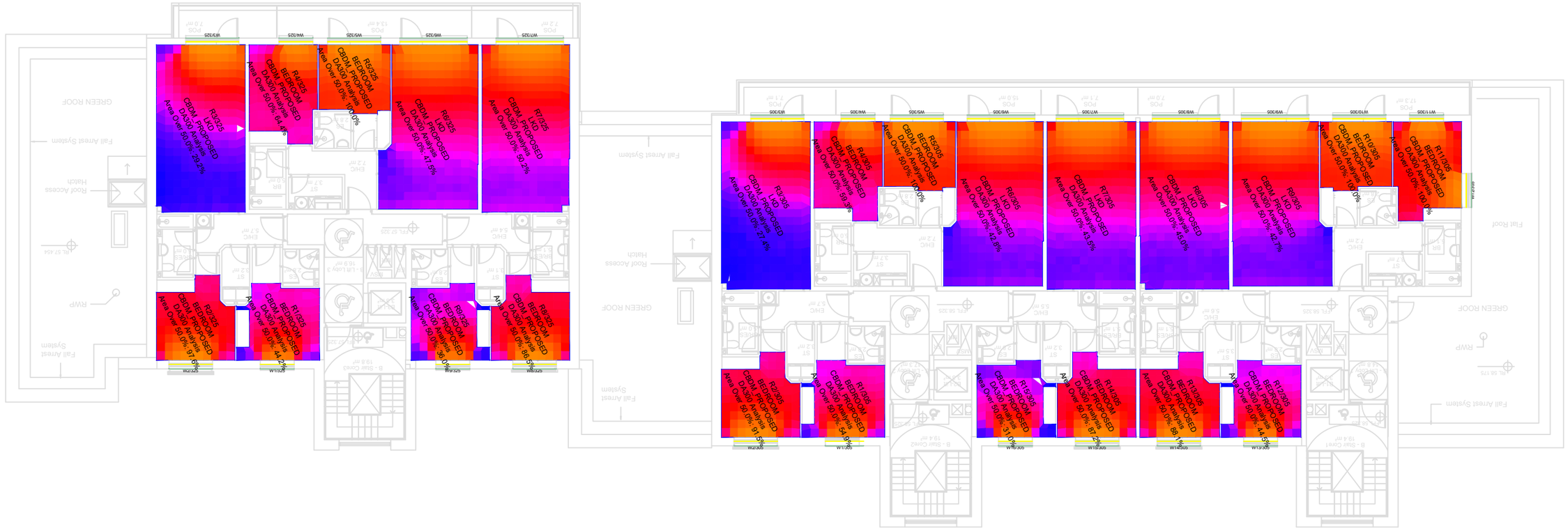
Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12E	BRE_16	-

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5TH FLOOR

Key:
Climate Based Daylight Autonomy

DA300 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

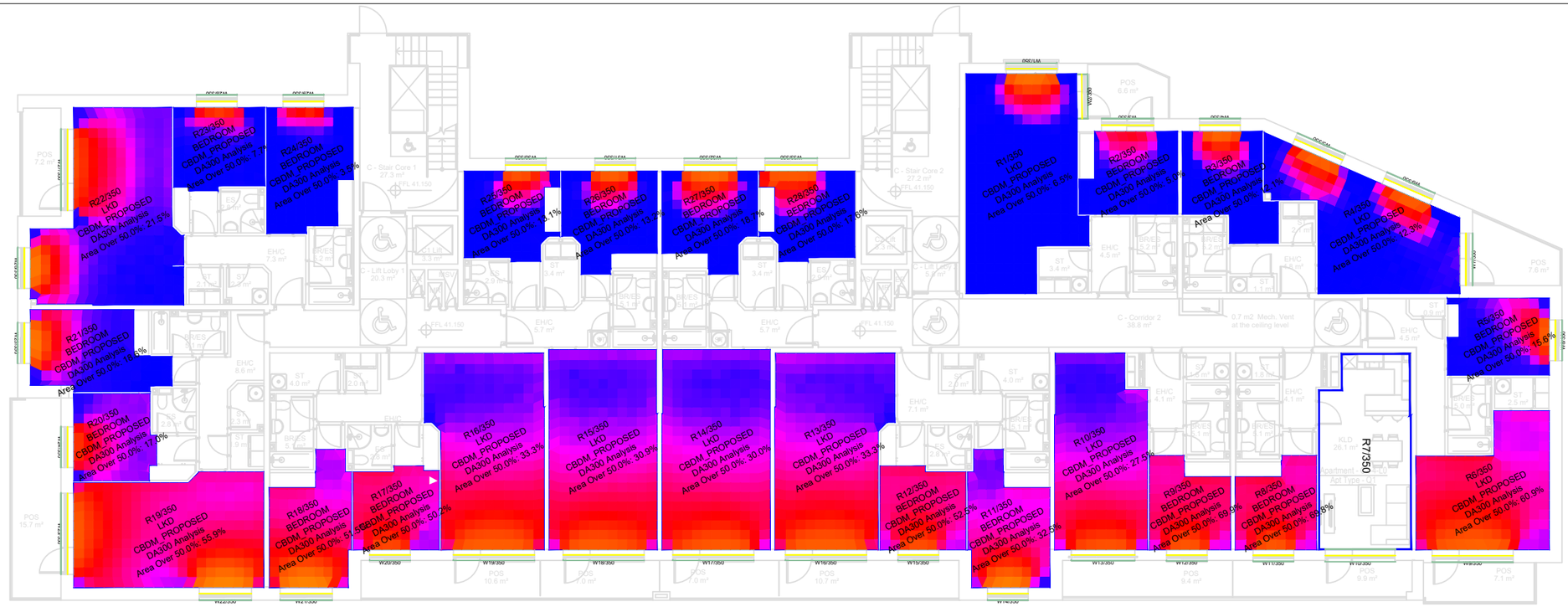
Drawing Title
CBDM European results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

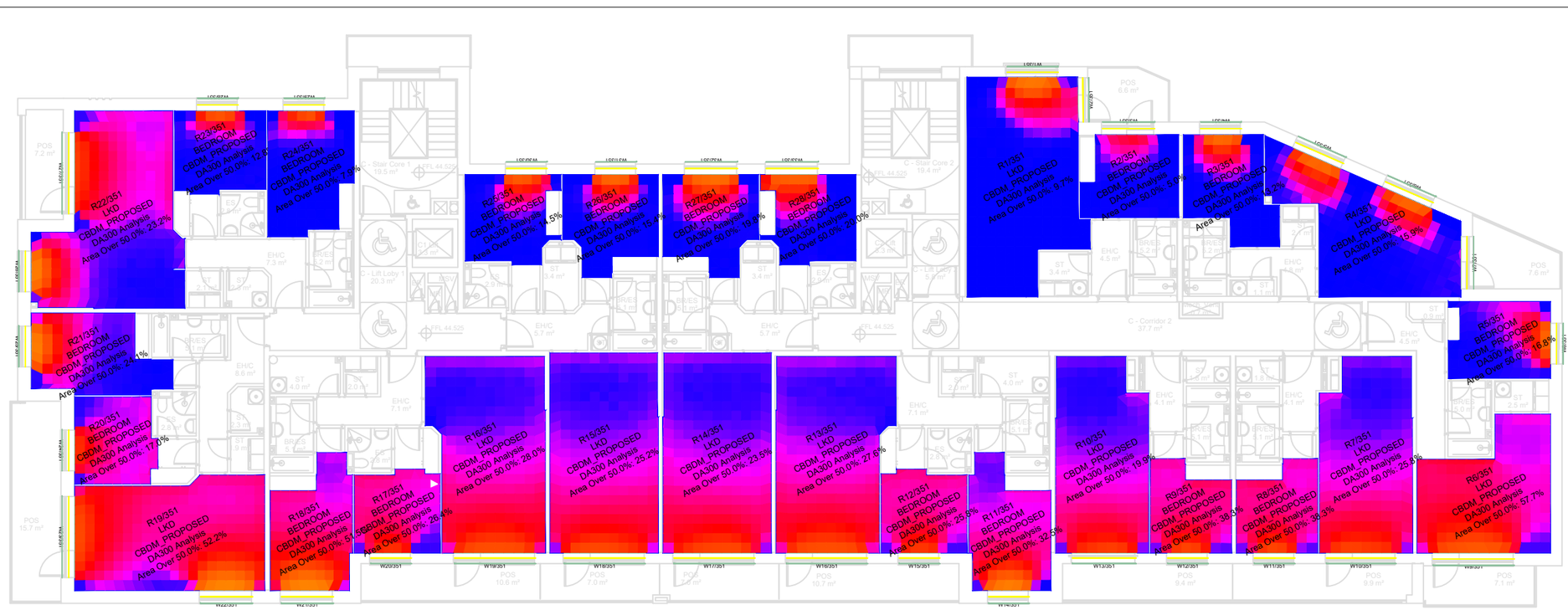
Project No.	Drawing No.	Revision
HA163_12E	BRE_17	-

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GROUND FLOOR



1ST FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

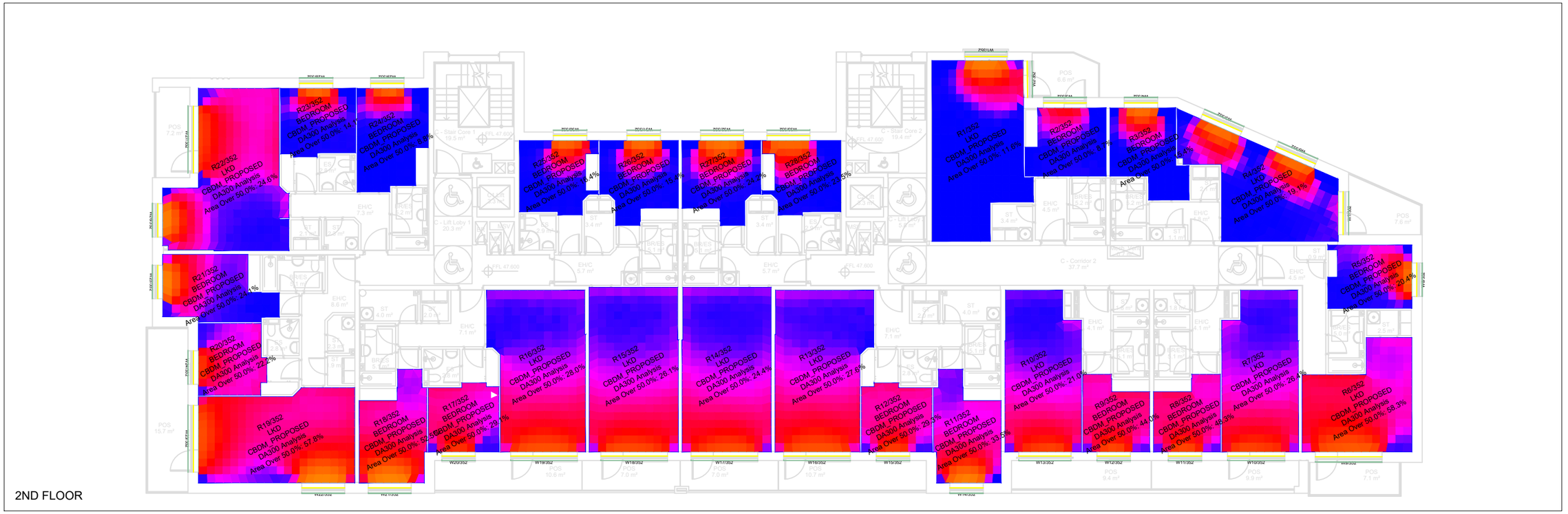
Drawing Title
CBDM European results for
BLOCK C

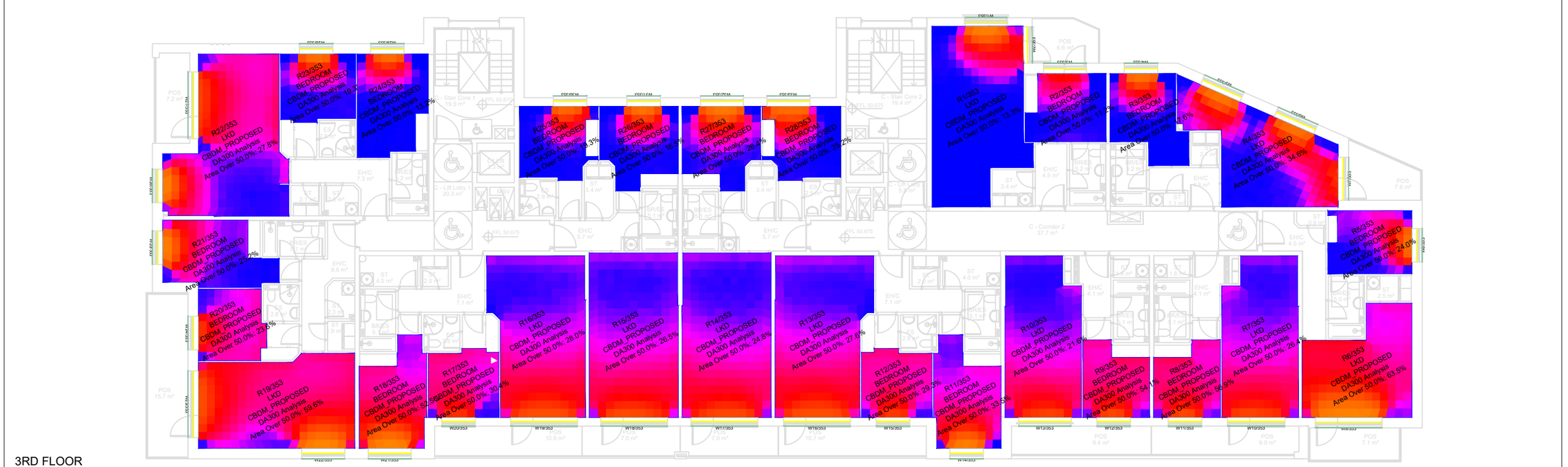
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12E	BRE_18	-

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Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

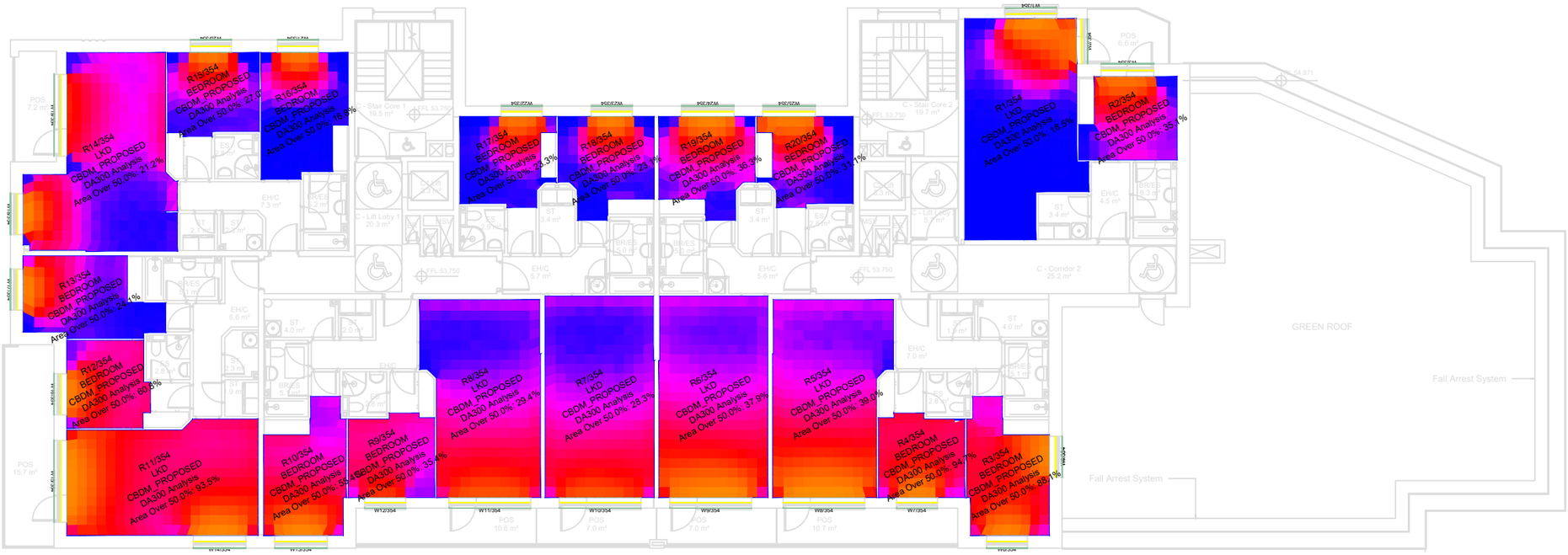
Drawing Title
CBDM European results for
BLOCK C

Drawn By	Scale @ A3	Date
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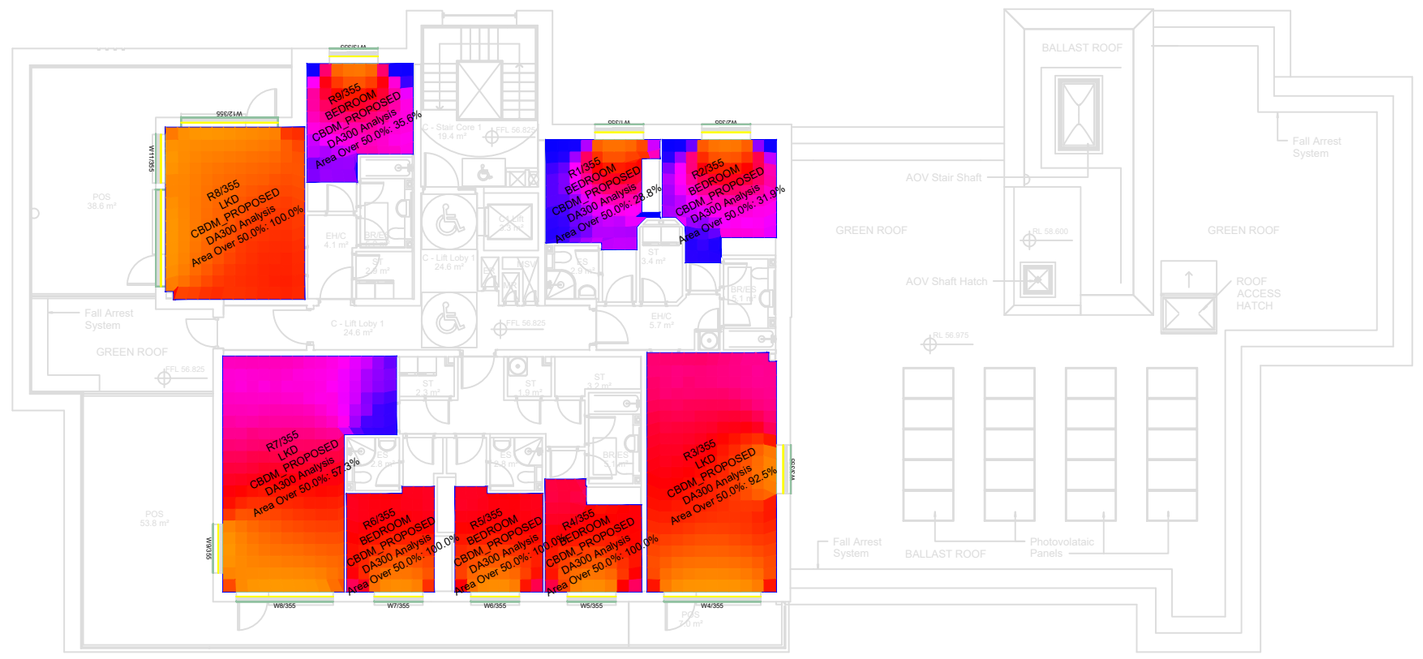
Project No.	Drawing No.	Revision
HA163_12E	BRE_19	-

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4TH FLOOR



5TH FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

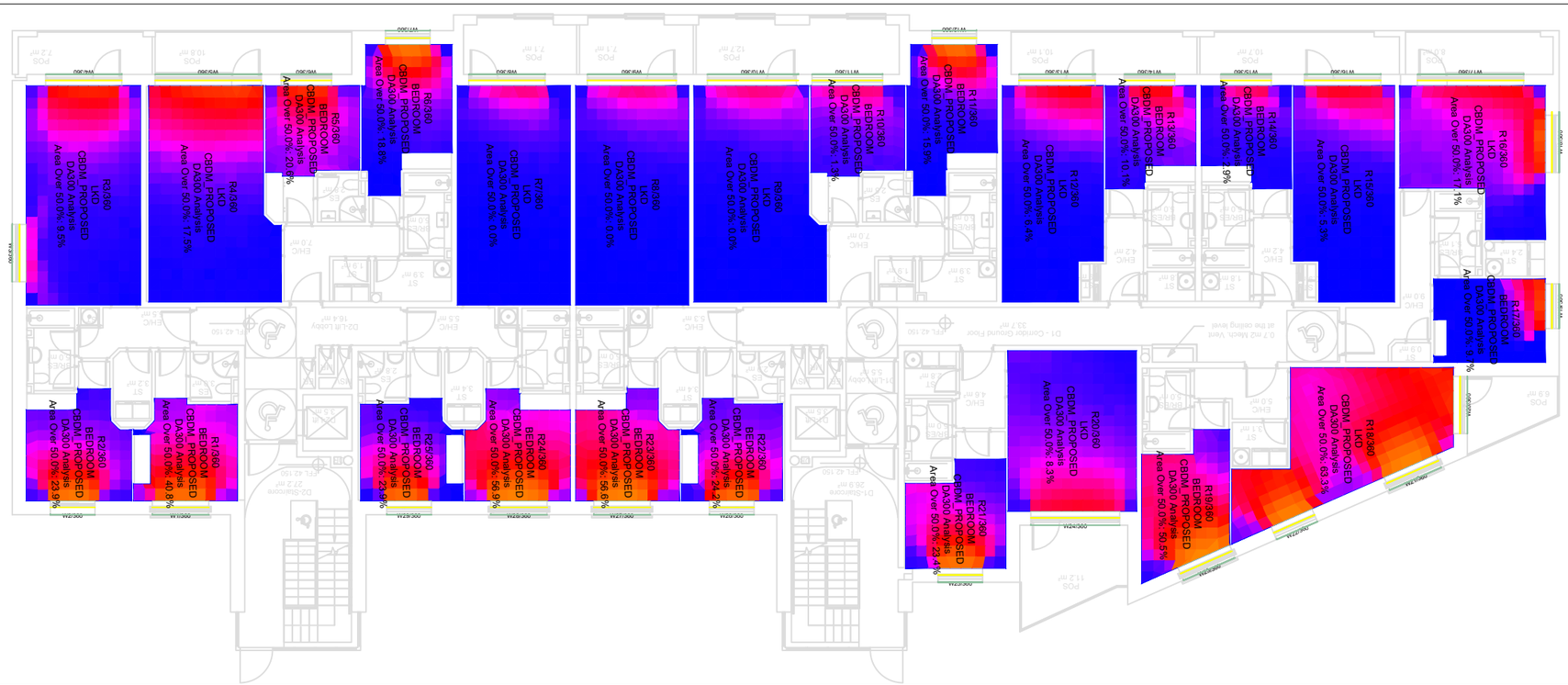
Drawing Title
CBDM European results for
BLOCK C

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

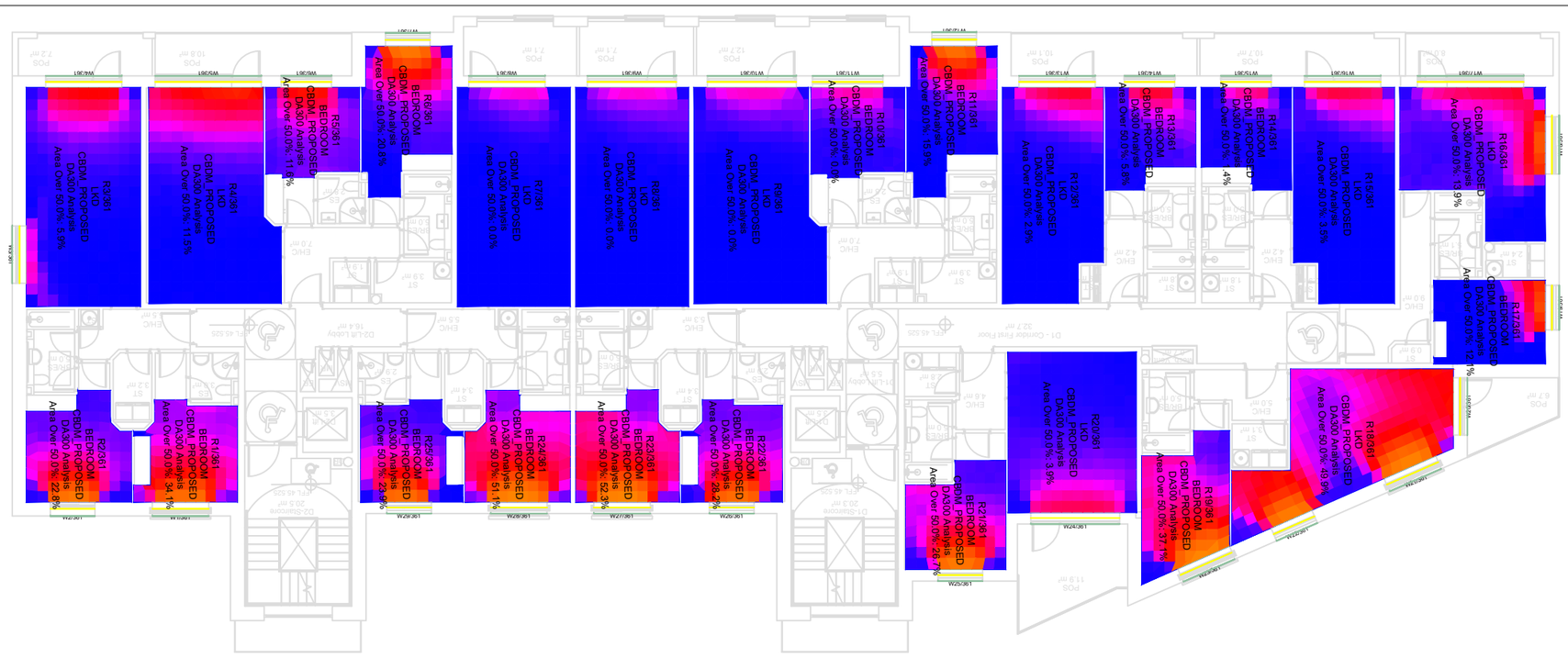
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HA163_12E	BRE_20	-

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GROUND FLOOR



1ST FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

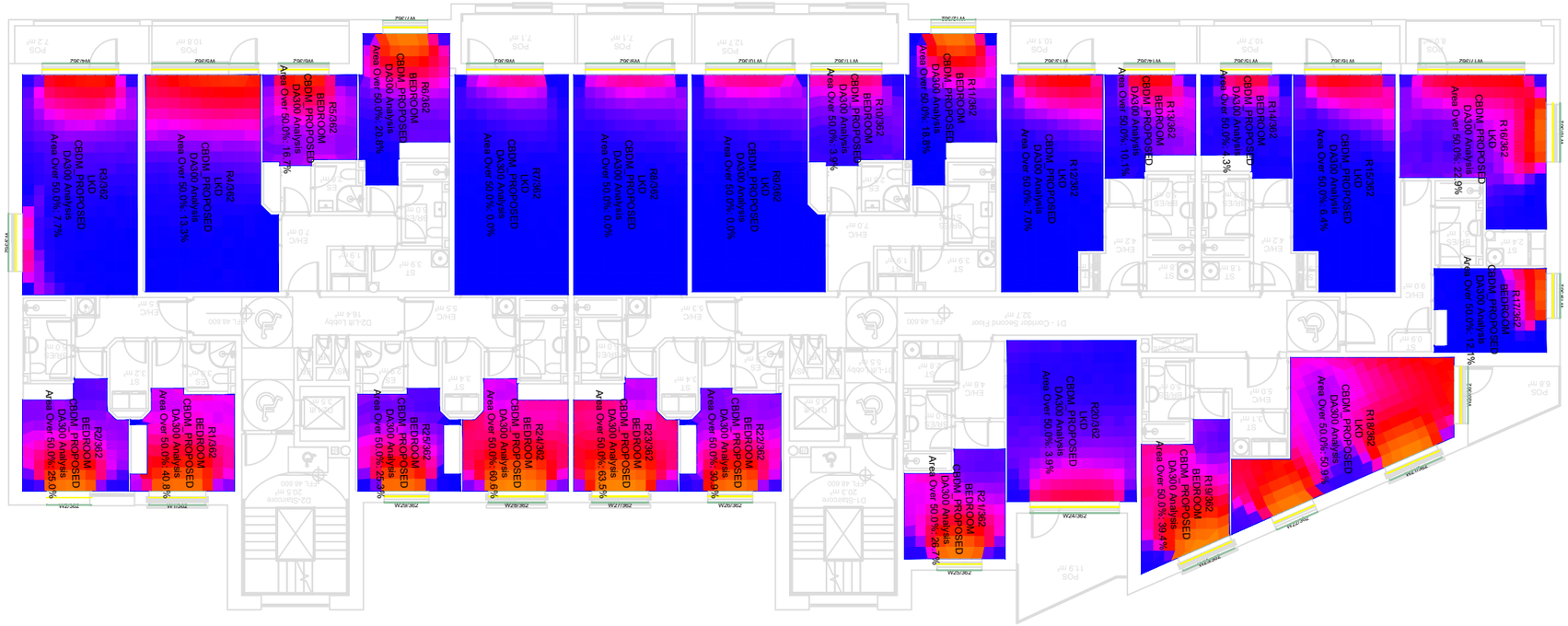
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK D

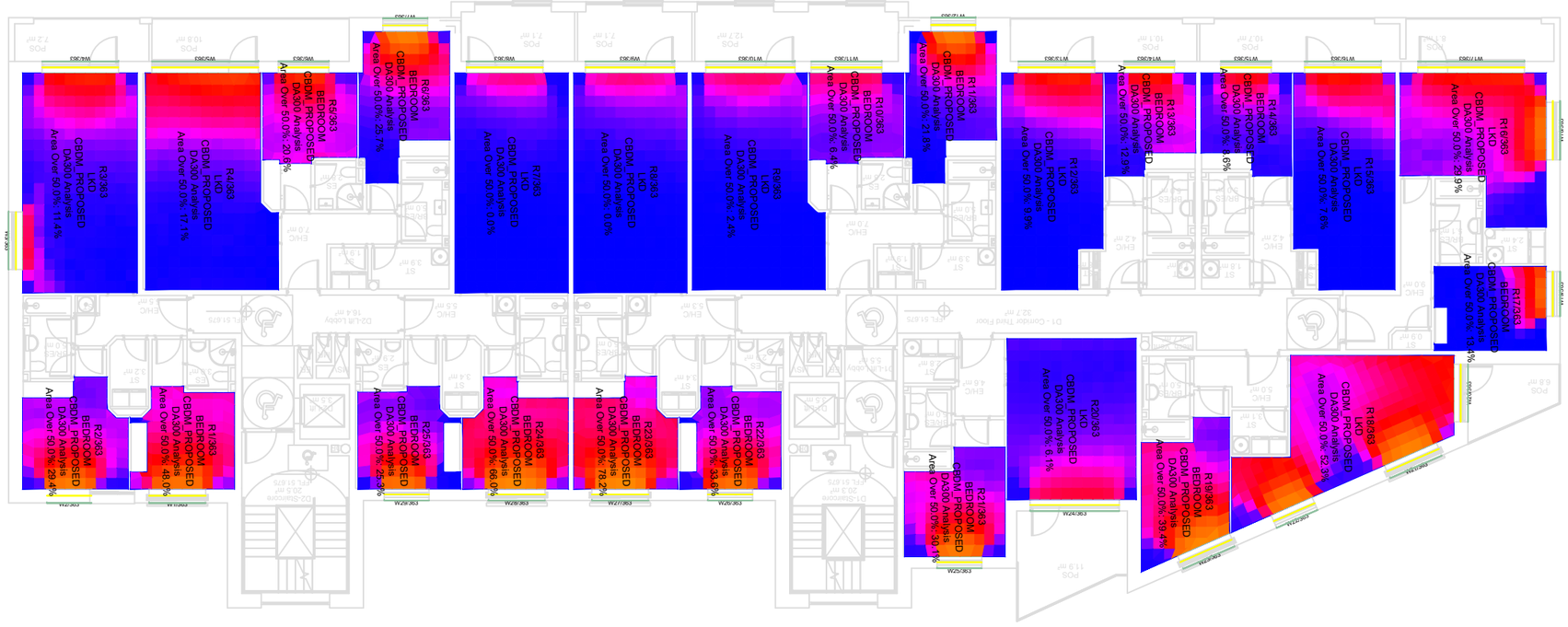
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12E	BRE_21	-

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2ND FLOOR



3RD FLOOR

Key:
Climate Based Daylight Autonomy

DA300 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

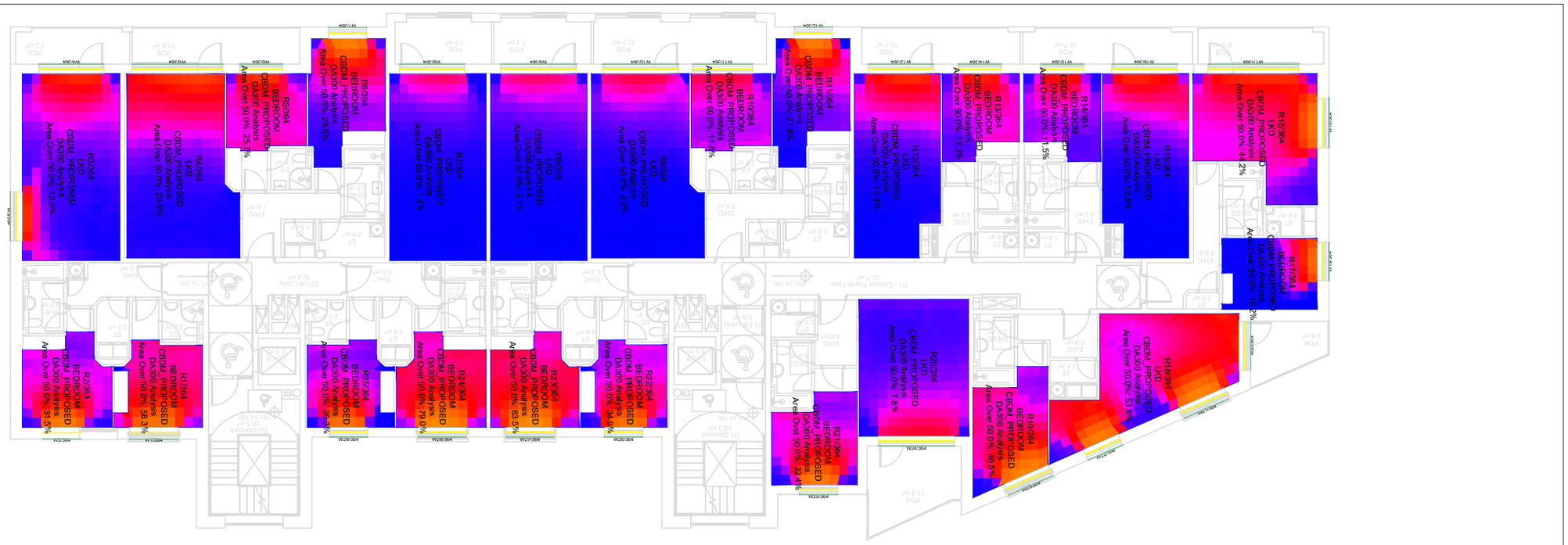
Drawing Title
CBDM European results for
BLOCK D

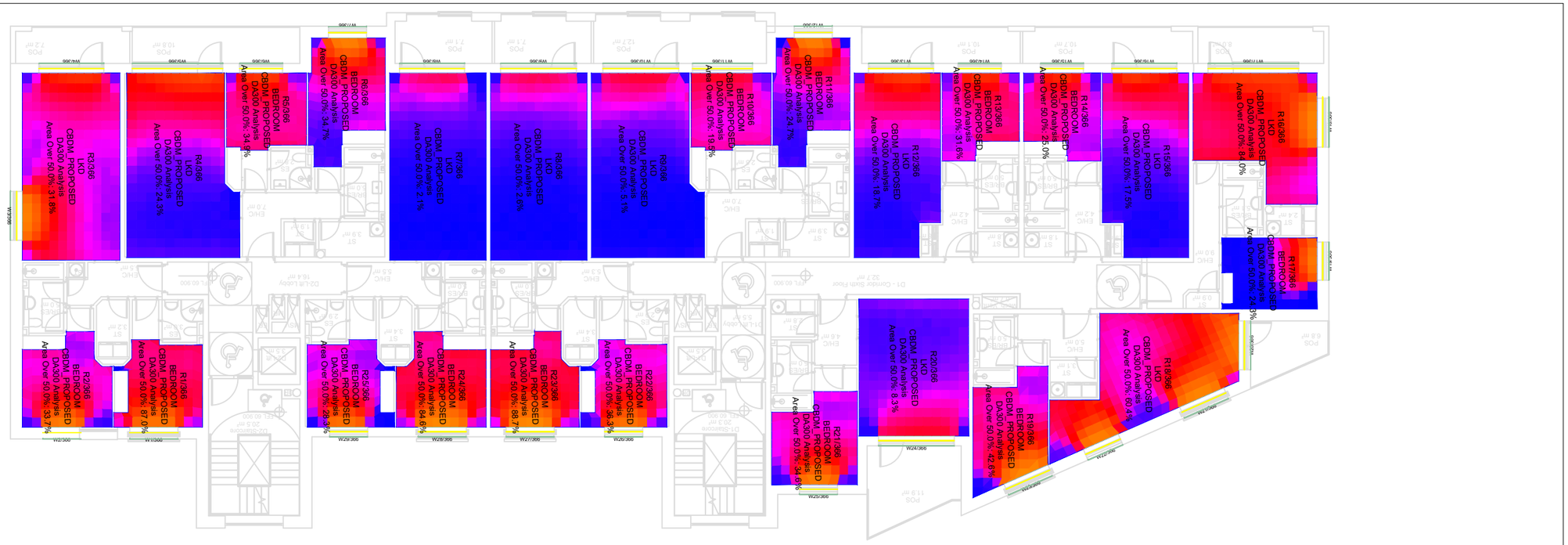
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12E	BRE_22	-

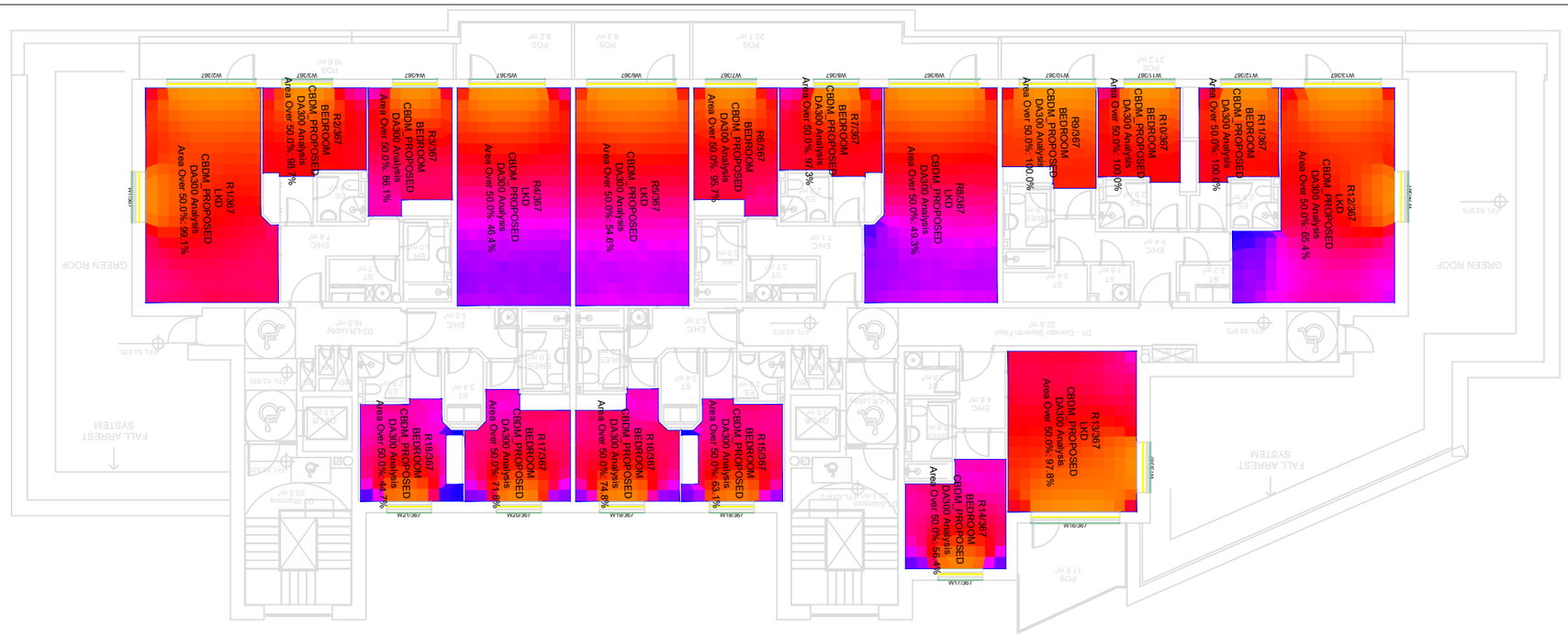
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R6/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 29.6%
R5/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 25.7%
R3/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 12.8%
R4/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 29.9%
R7/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 1.4%
R8/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 2.1%
R9/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 2.9%
R10/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 11.8%
R11/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 21.6%
R12/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 13.4%
R13/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 17.3%
R14/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 11.5%
R15/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 12.8%
R16/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 44.2%
R17/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 19.2%
R2/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 31.5%
R1/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 58.3%
R25/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 25.8%
R24/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 79.0%
R23/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 83.5%
R22/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 34.9%
R21/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 32.4%
R20/364
LKD
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 7.8%
R19/364
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 40.5%
R18/364
LKD
CBDM_PROPOSED
DA300 Analysis
Area Over 50.0%: 53.8%
W1/364
W2/364
W3/364
W4/364
W5/364
W6/364
W7/364
W8/364
W9/364
W10/364
W11/364
W12/364
W13/364
W14/364
W15/364
W16/364
W17/364
W18/364
W19/364
W20/364
W21/364
W22/364
W23/364
W24/364
W25/364
W26/364
W27/364
W28/364
W29/364
W30/364
W31/364
W32/364
W33/364
W34/364
W35/364
W36/364
W37/364
W38/364
W39/364
W40/364



6TH FLOOR



7TH FLOOR

Key:
Climate Based Daylight Autonomy

DA300 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

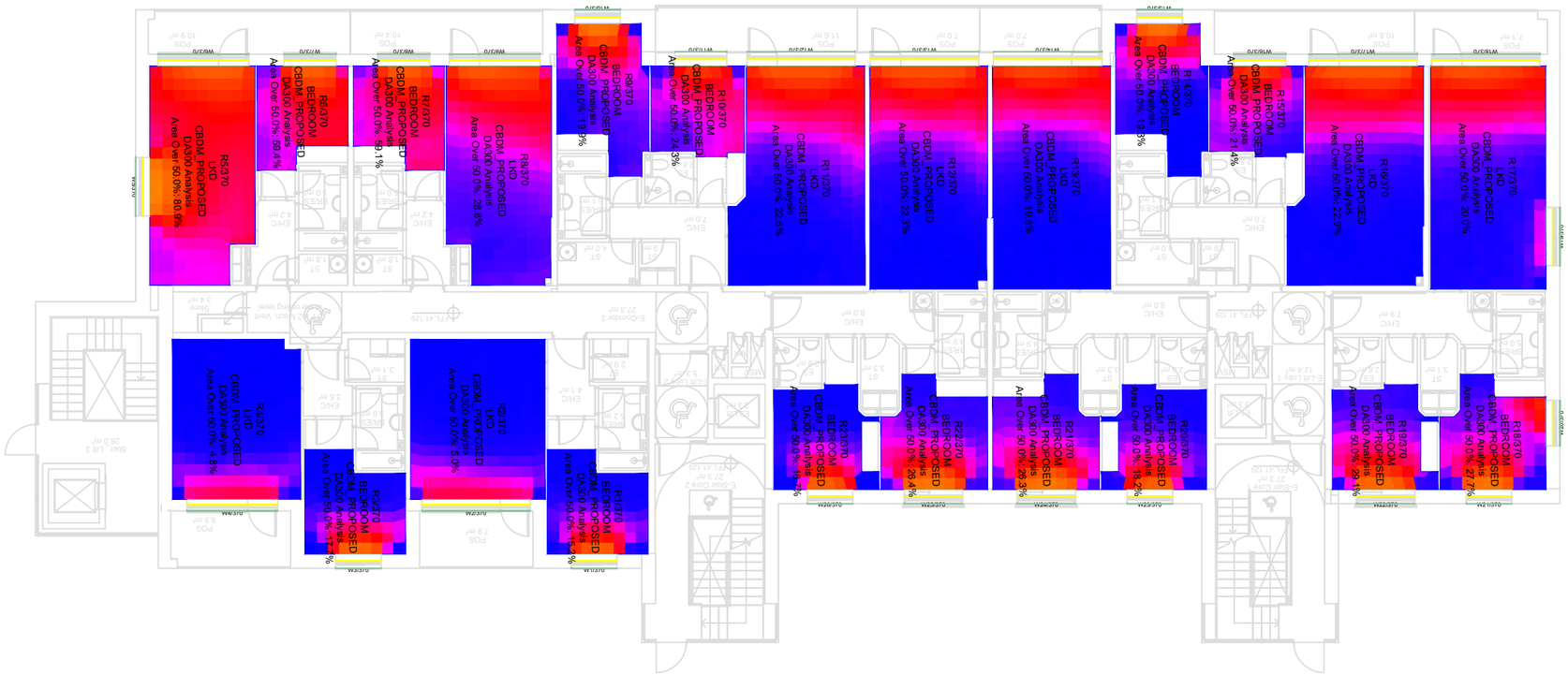
Drawing Title
CBDM European results for
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

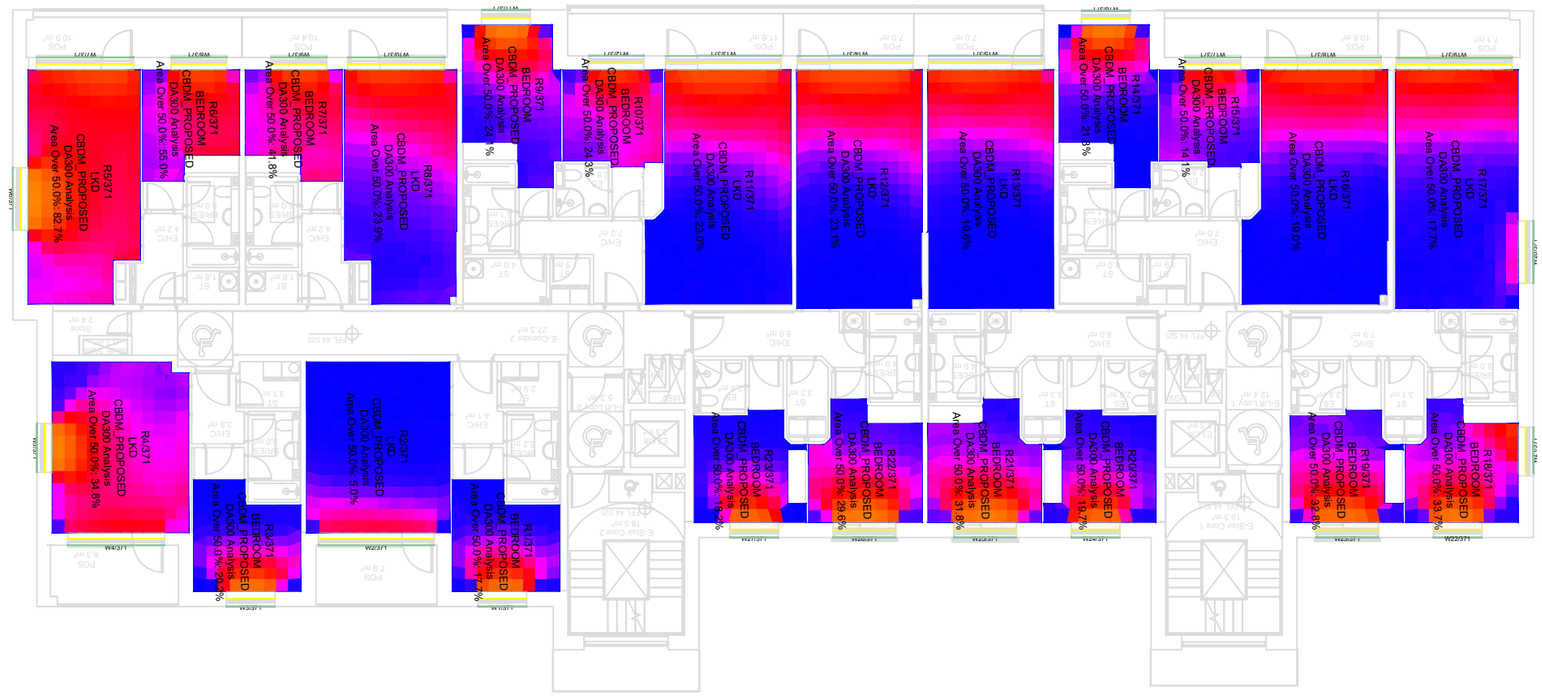
Project No.	Drawing No.	Revision
HA163_12E	BRE_24	-

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GROUND FLOOR



1ST FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

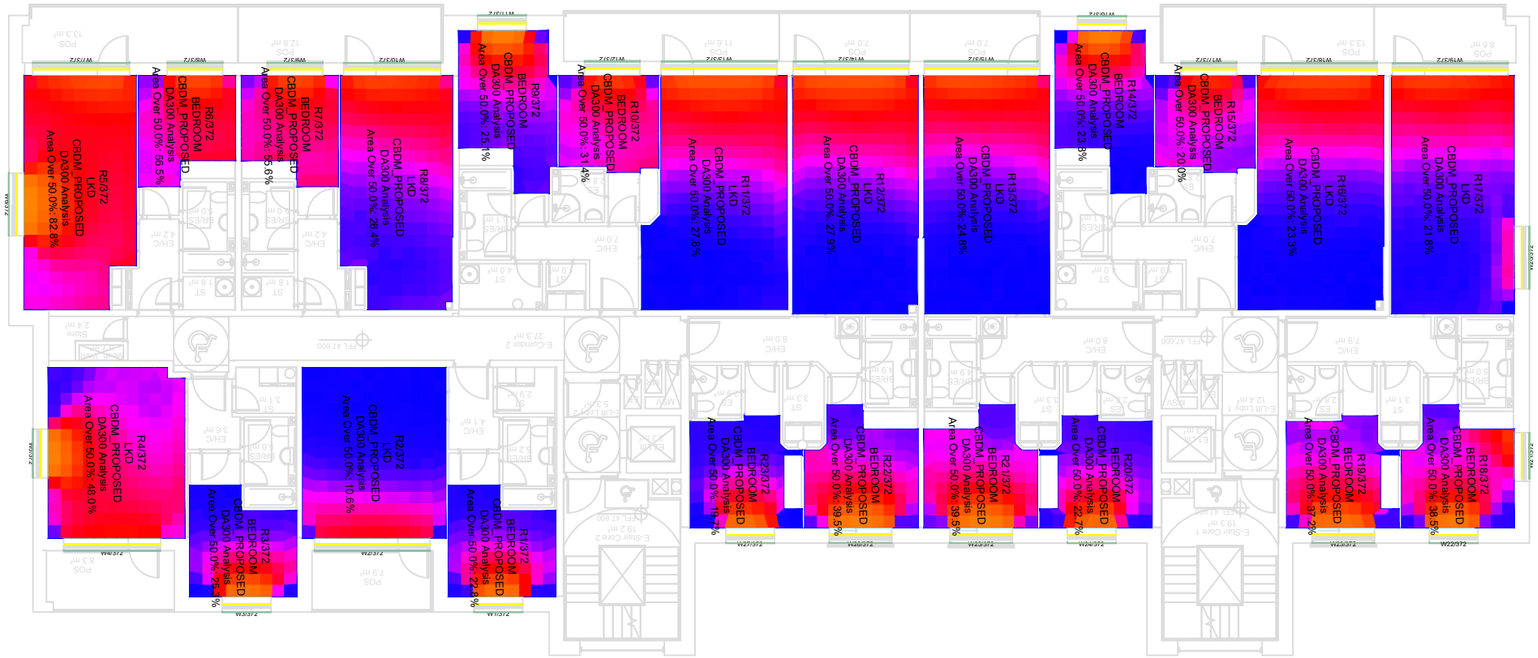
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK E

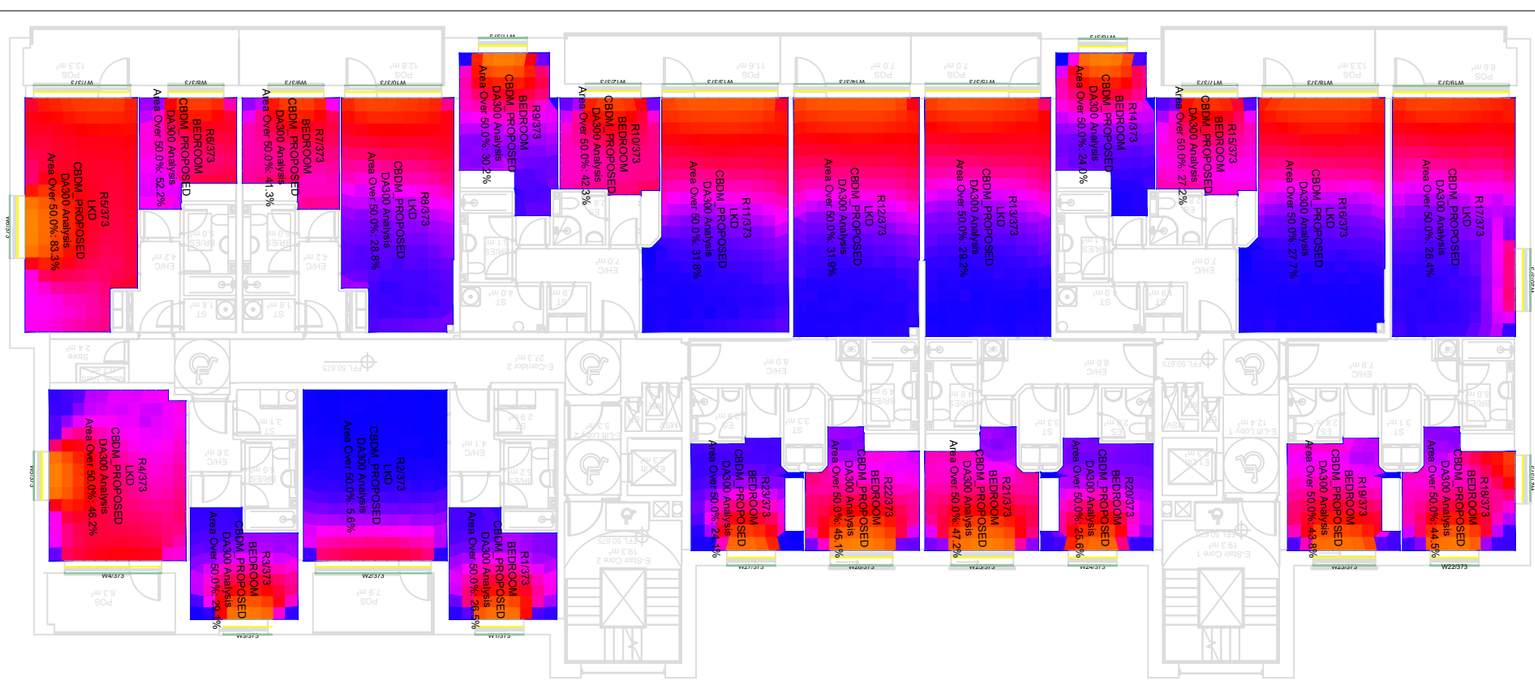
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12E	BRE_25	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy

DA300 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM European results for

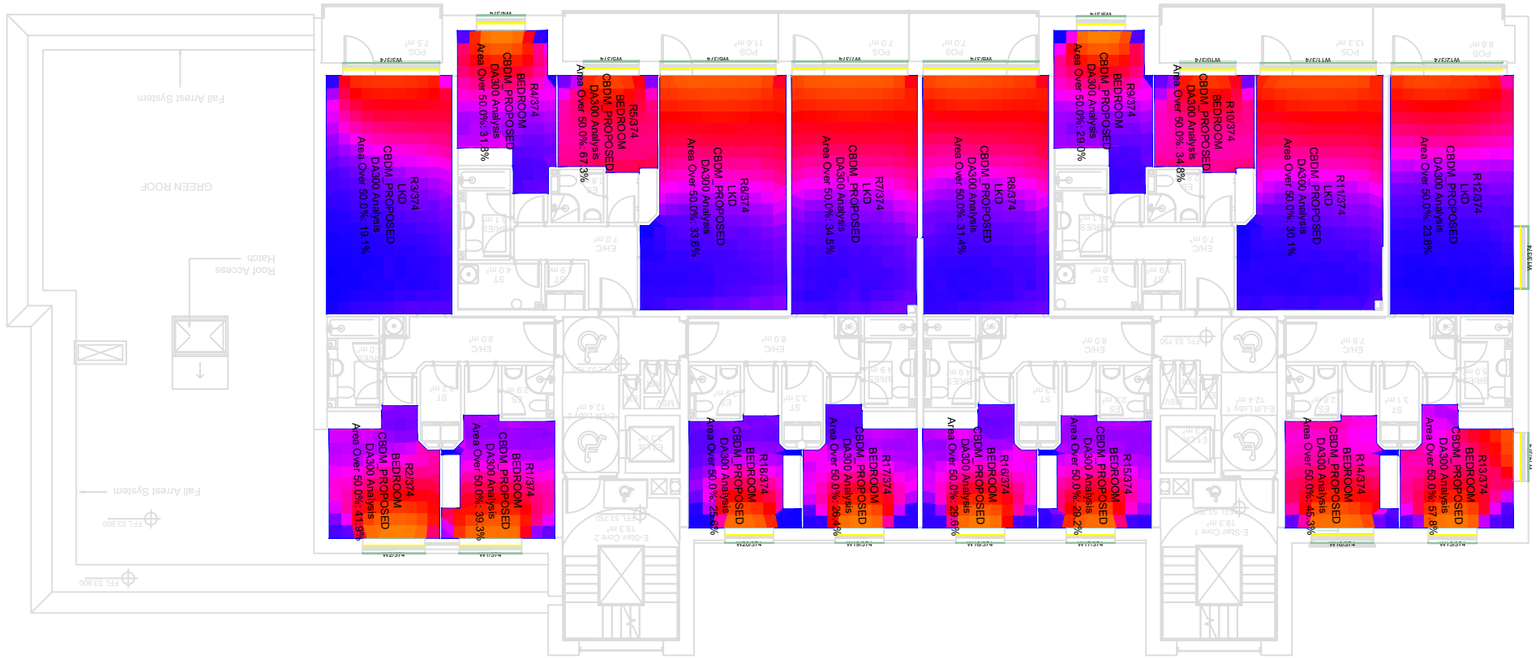
BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12E	BRE_26	-

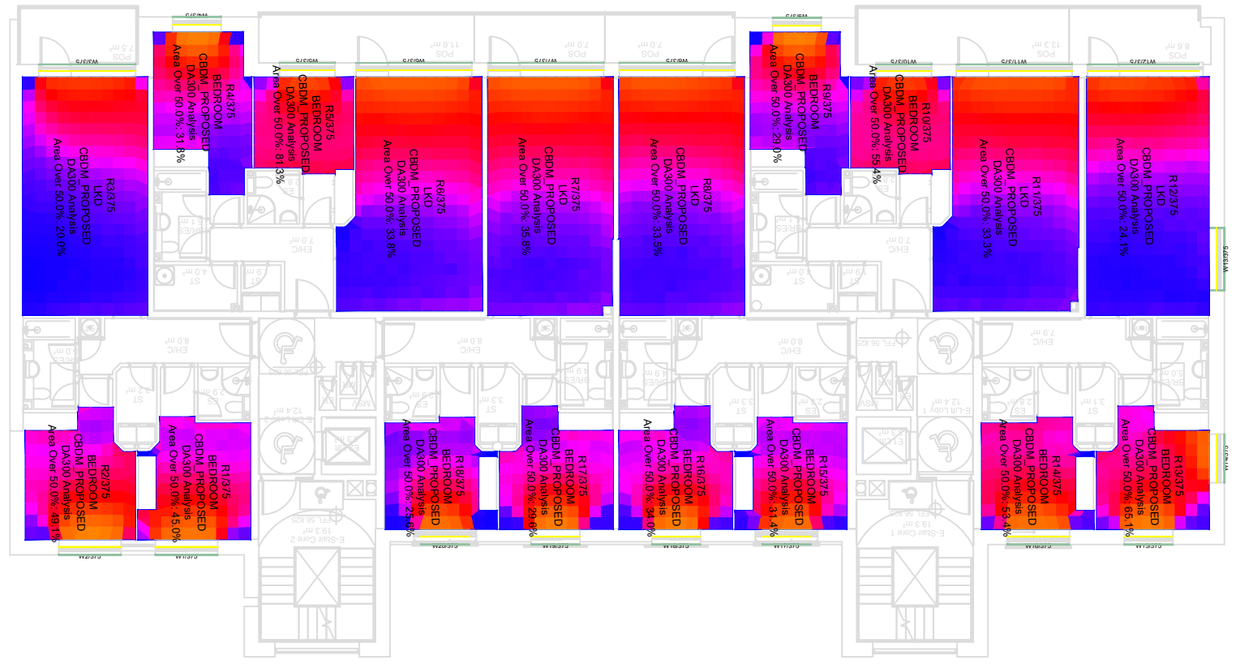
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4TH FLOOR



5TH FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

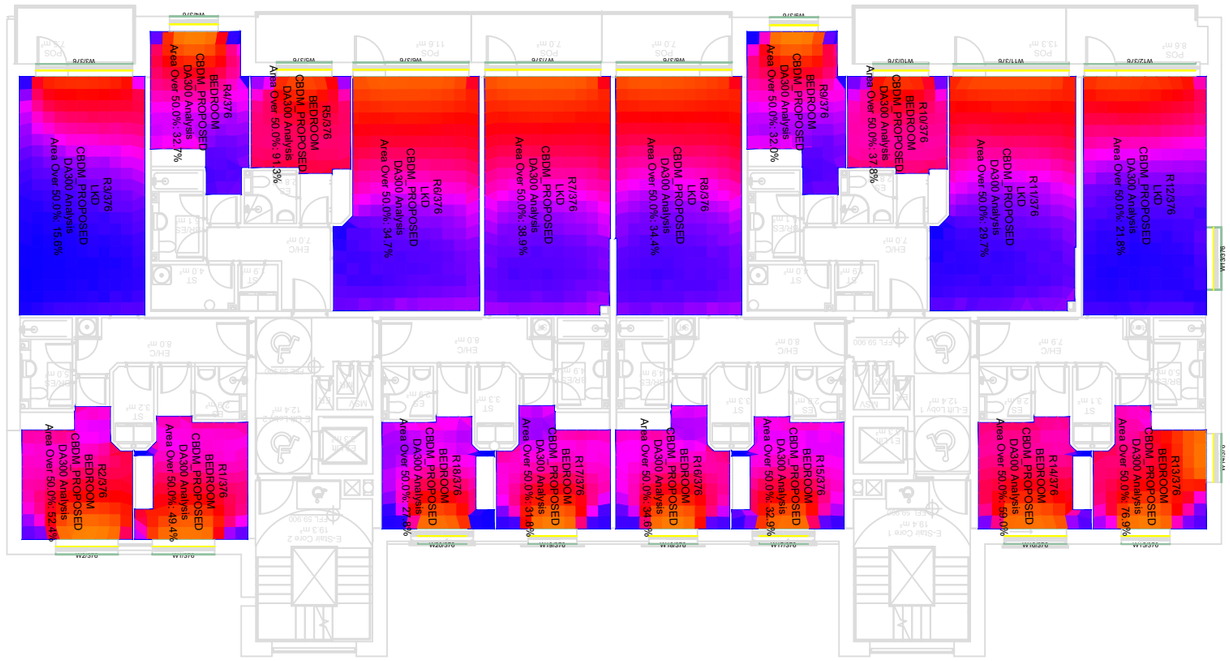
Drawing Title
CBDM European results for
BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

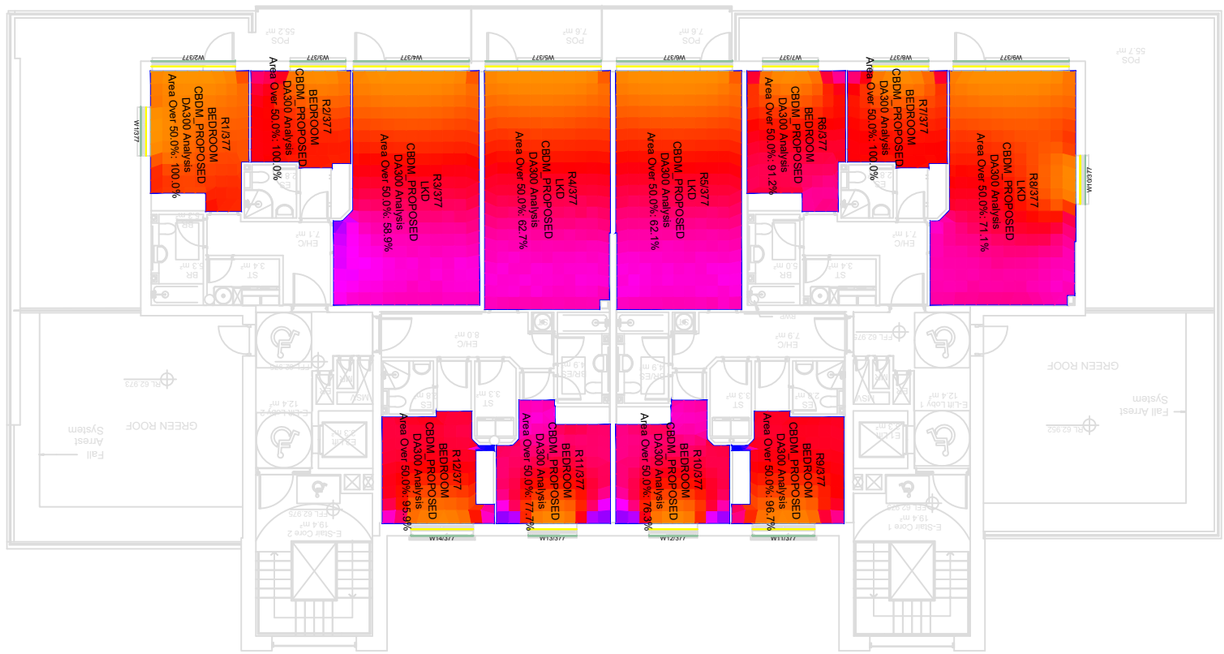
Project No.	Drawing No.	Revision
HA163_12E	BRE_27	-

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6TH FLOOR



7TH FLOOR

Key:
Climate Based Daylight Autonomy

DA300 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

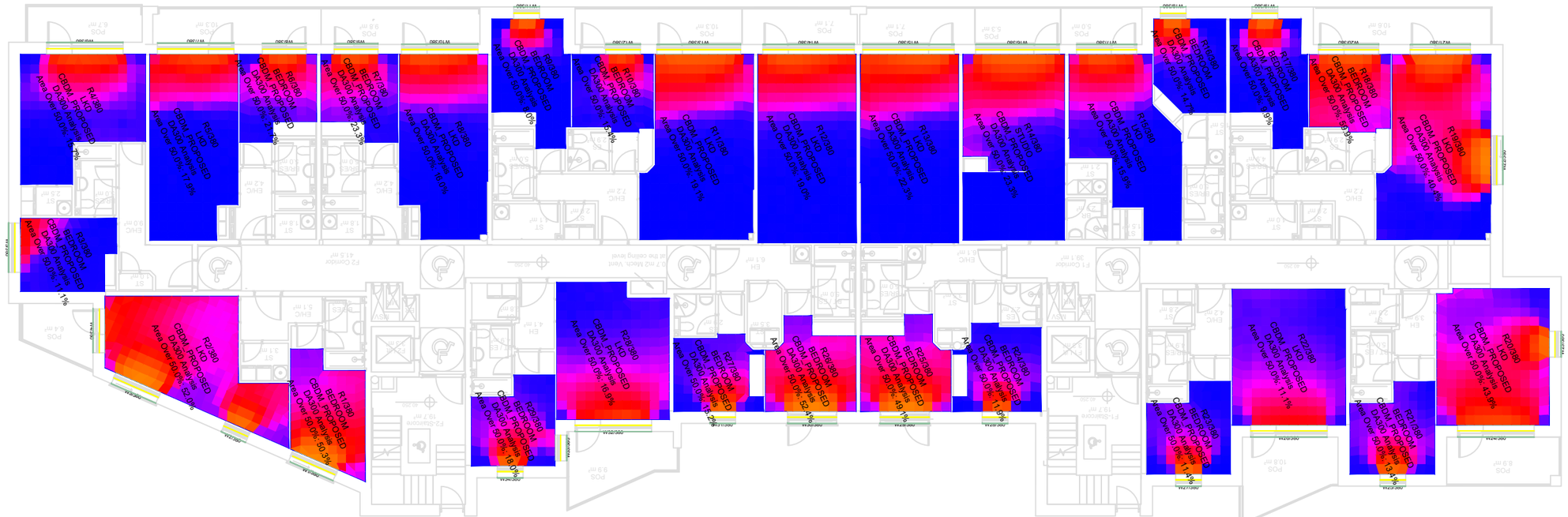
Drawing Title
CBDM European results for
BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

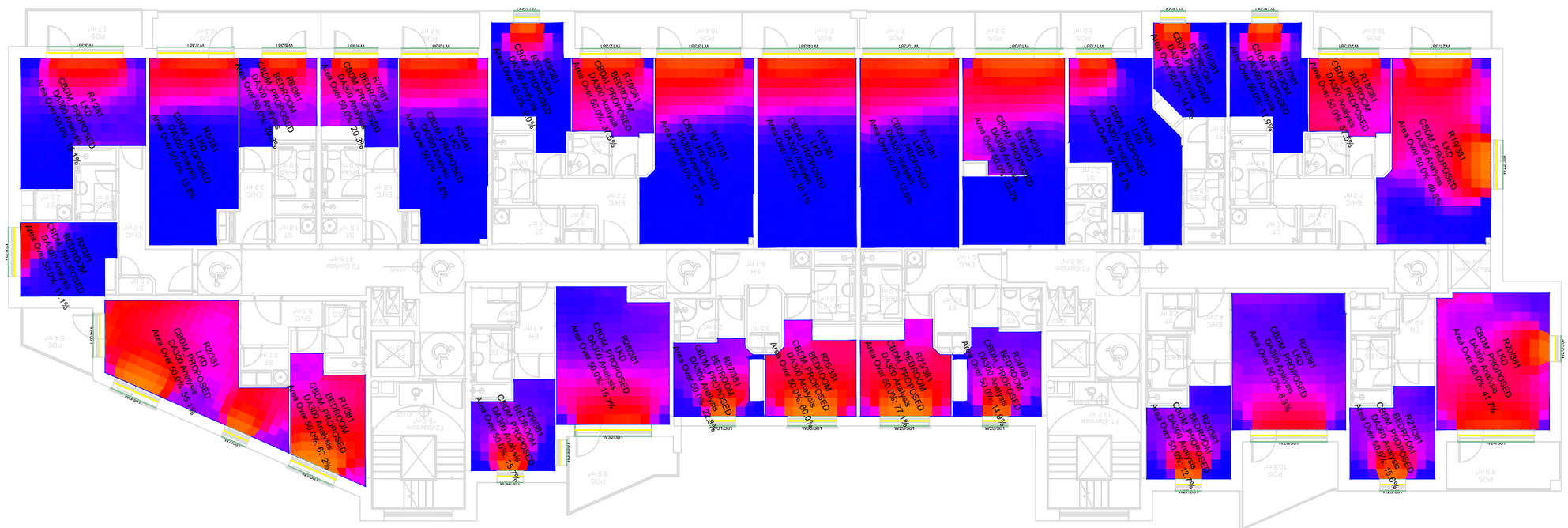
Project No.	Drawing No.	Revision
HA163_12E	BRE_28	-

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GROUND FLOOR



1ST FLOOR

Key:
Climate Based Daylight Autonomy

DA300 lux % Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

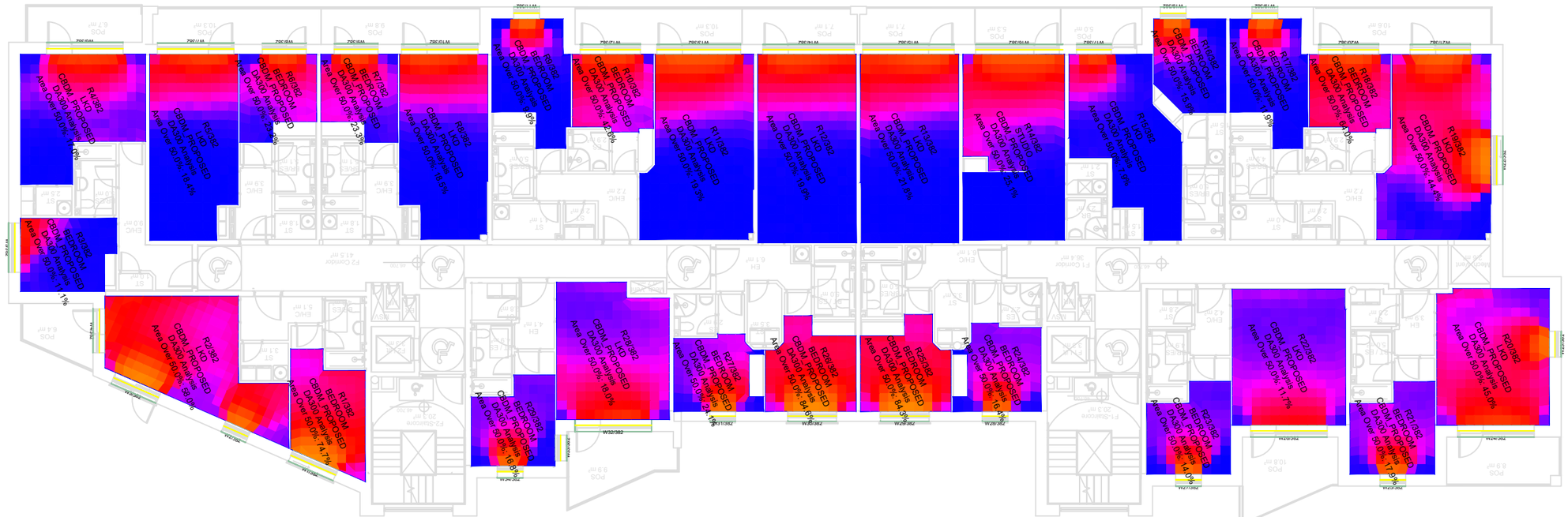
Drawing Title
CBDM European results for
BLOCK F

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

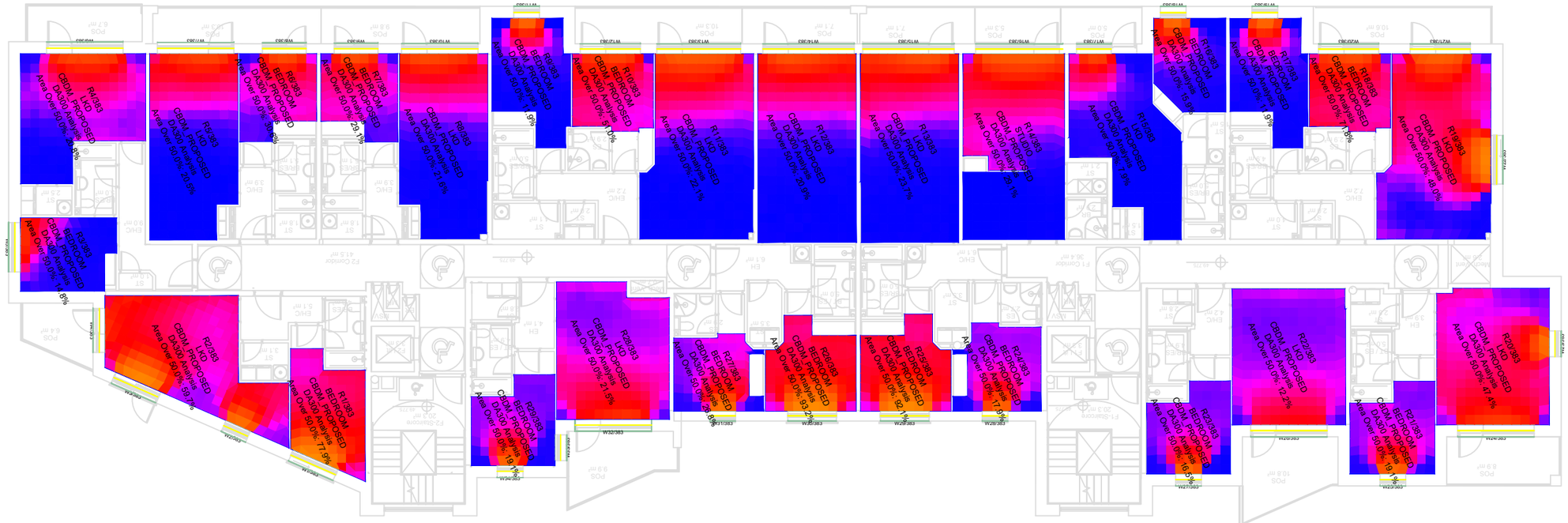
Project No.	Drawing No.	Revision
HA163_12E	BRE_29	-

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2ND FLOOR



3RD FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

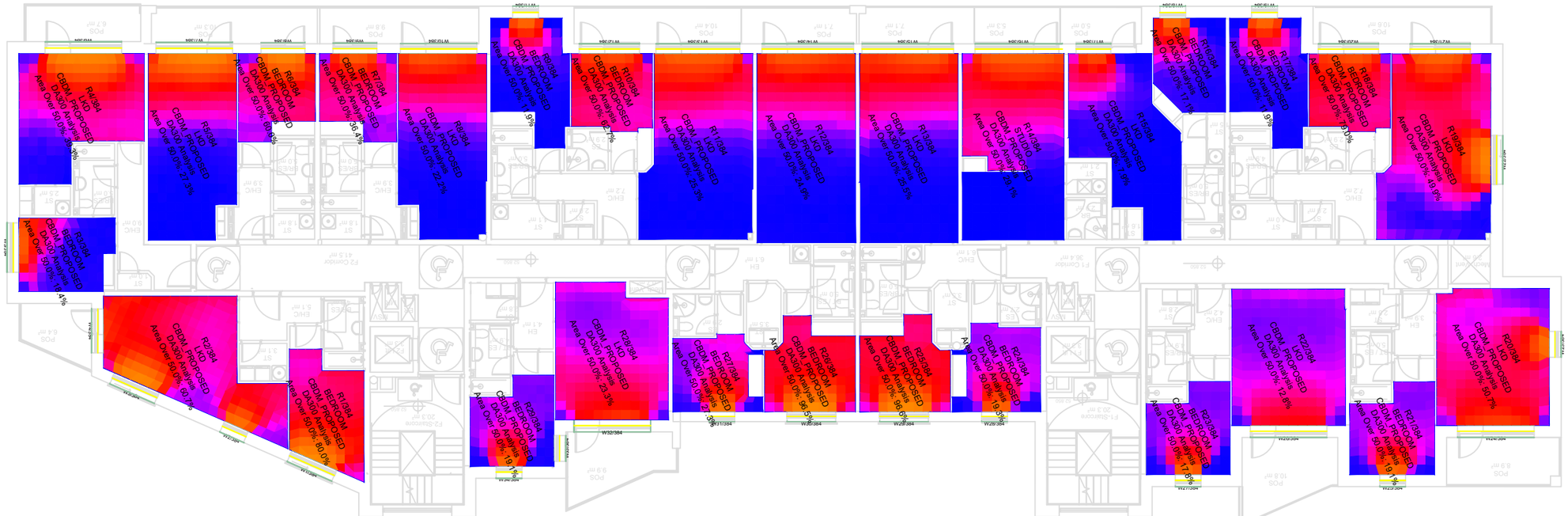
Drawing Title
CBDM European results for
BLOCK F

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

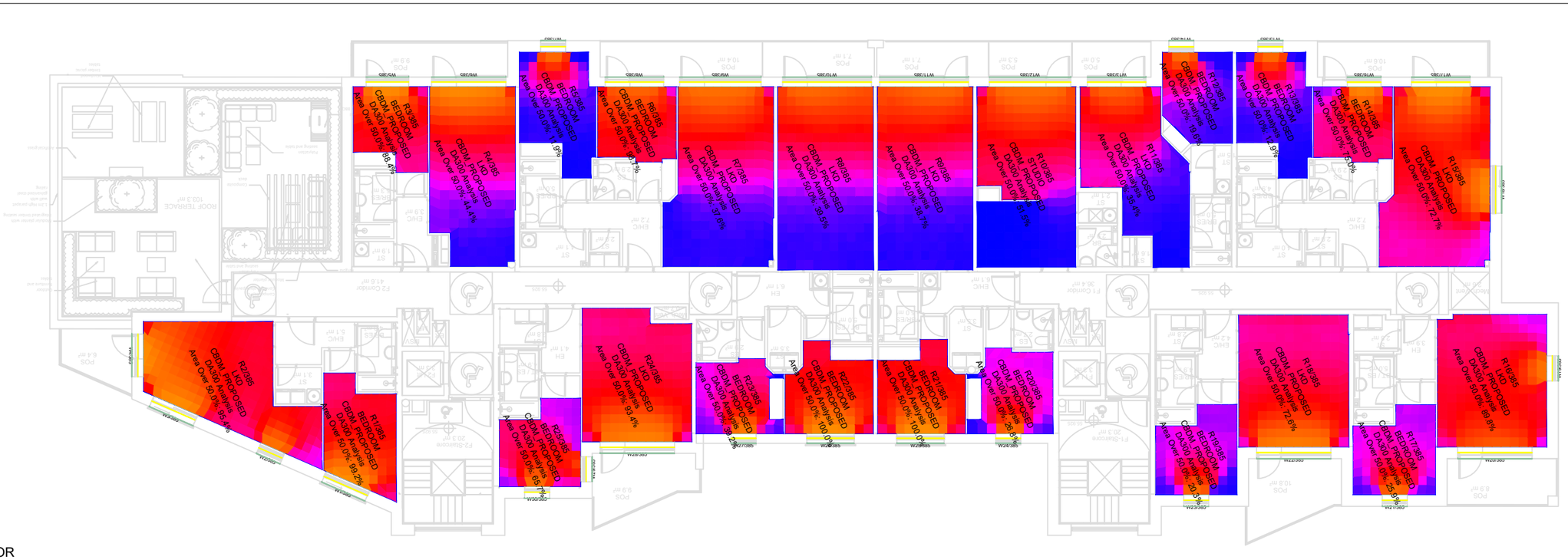
Project No.	Drawing No.	Revision
HA163_12E	BRE_30	-

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4TH FLOOR



5TH FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

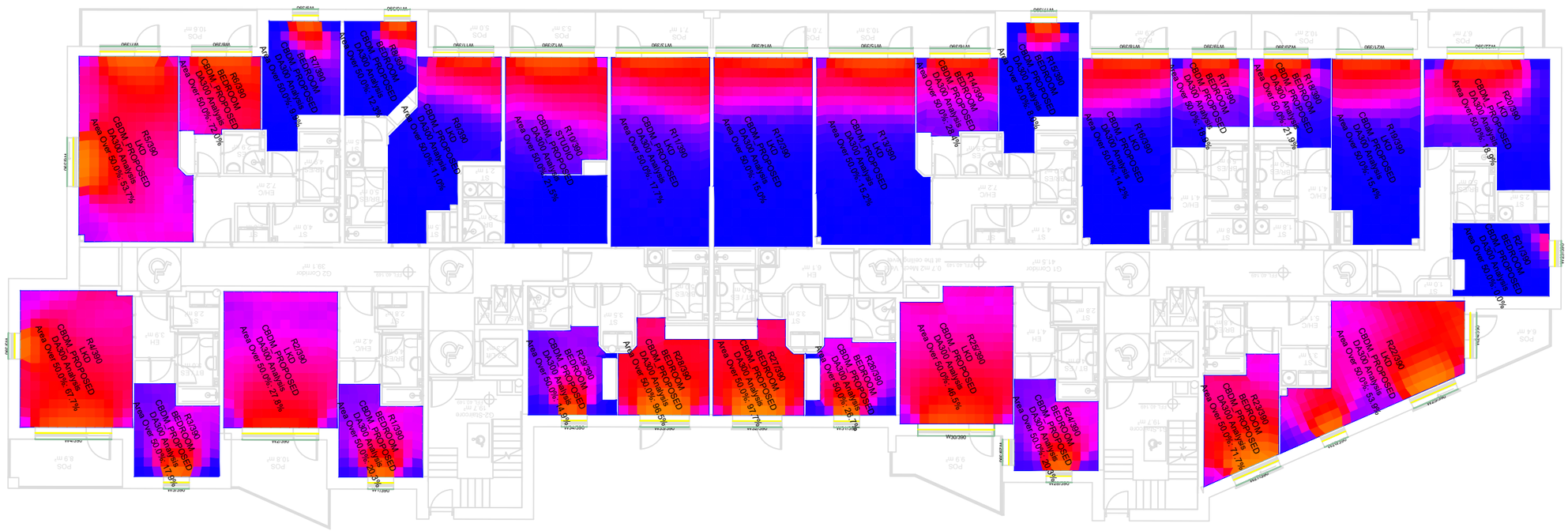
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK F

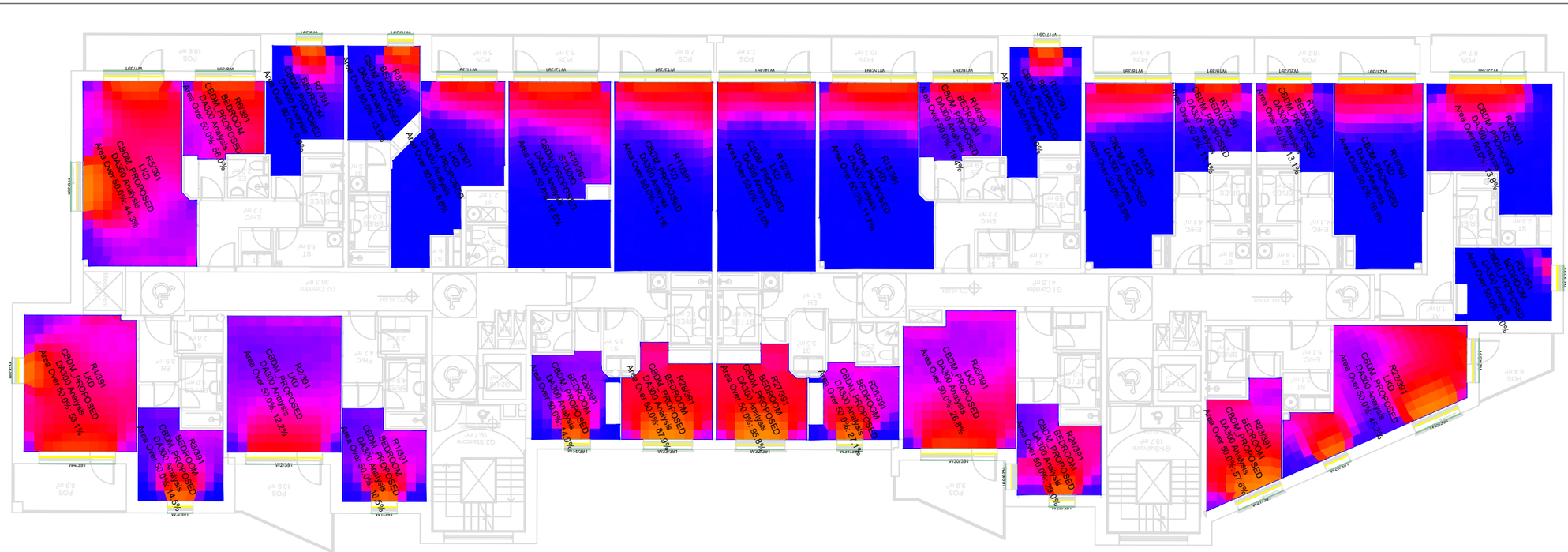
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12E	BRE_31	-

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GROUND FLOOR



1ST FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

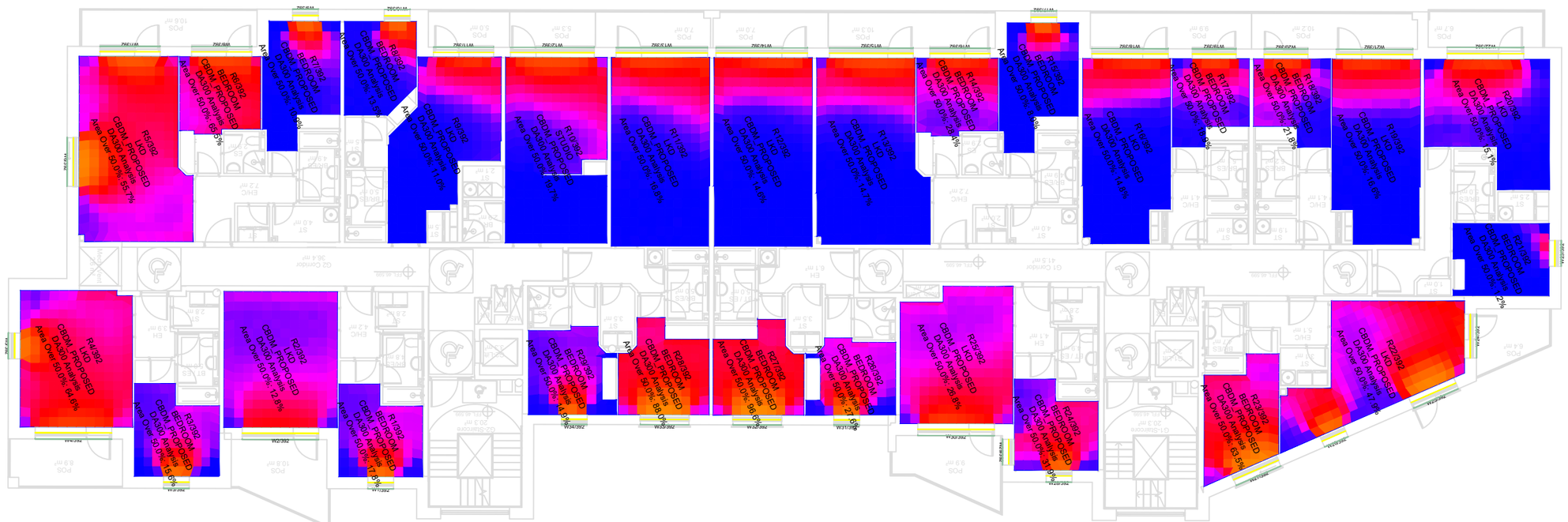
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK G

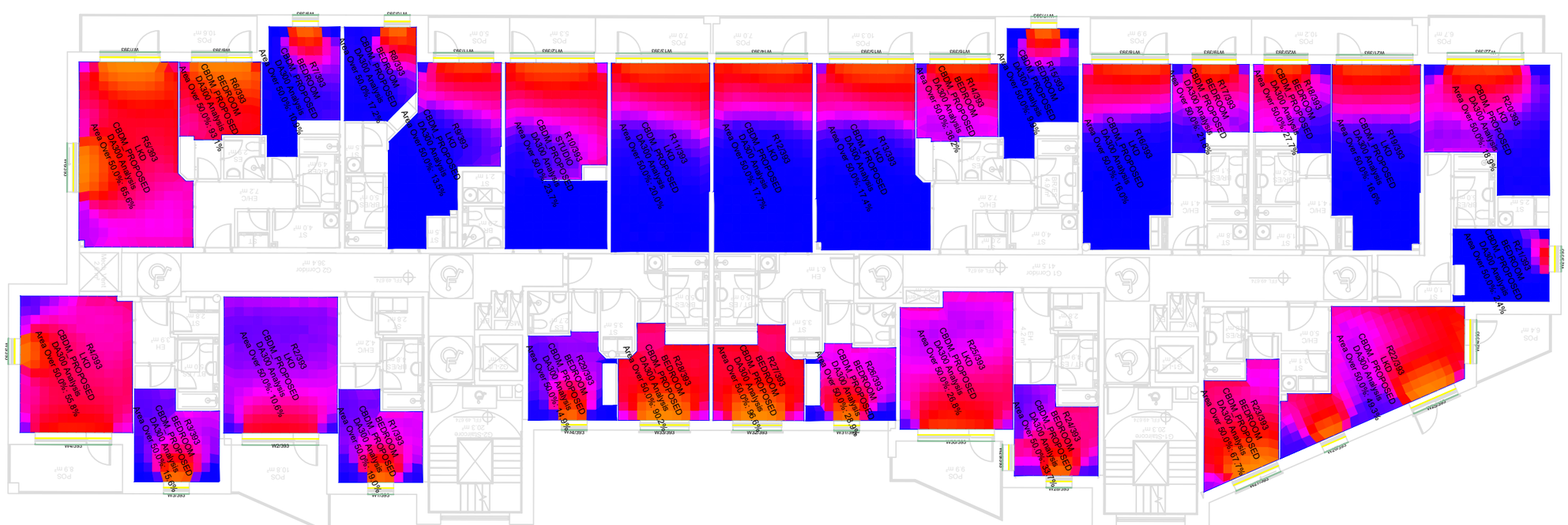
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12E	BRE_32	-

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2ND FLOOR



3RD FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

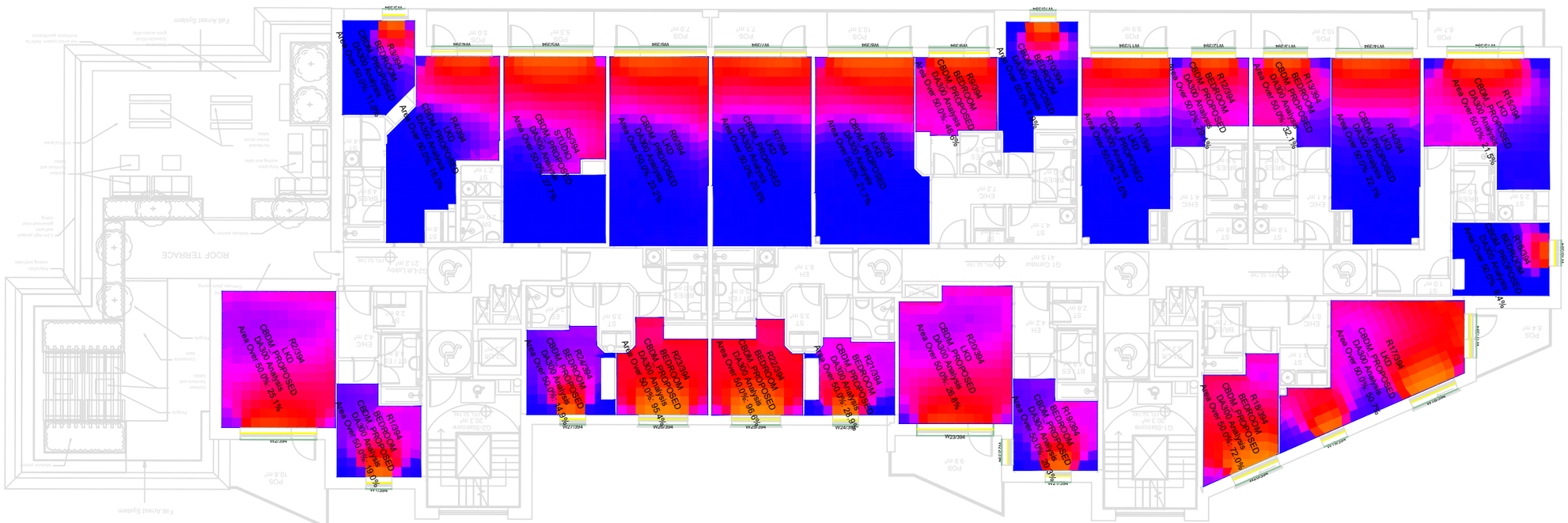
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK G

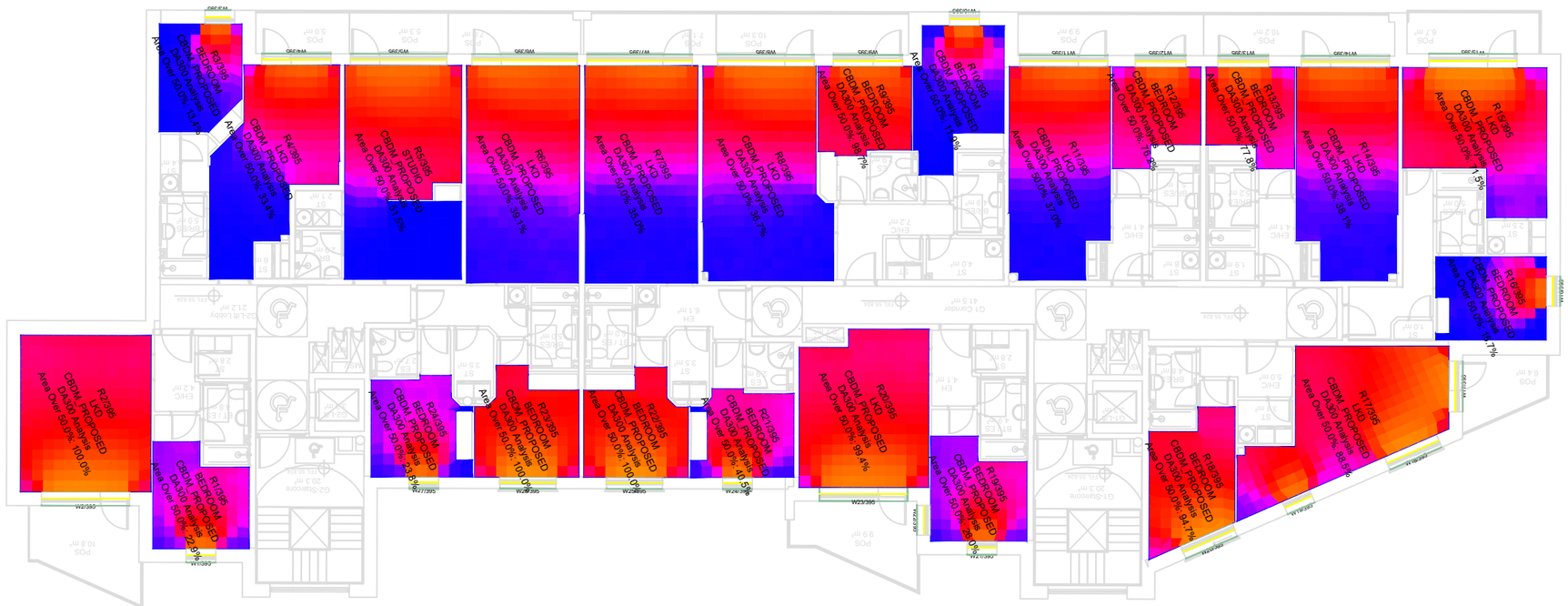
Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12E	BRE_33	-

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4TH FLOOR



5TH FLOOR

Key:
Climate Based Daylight Autonomy
DA300 lux % Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM European results for
BLOCK G

Drawn By	Scale @ A3	Date
AC	1/200	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_12E	BRE_34	-

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AVISON YOUNG

Hartfield Place, Dublin
Climate based daylight model UK National Annexe results Job 12, 12A 20 Feb 2022

Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block A		1st	R1/101	BEDROOM	11563369.4	100	50	95	93.7	FAIL	300	50	50	25.9	FAIL
CBDM_PROPOSED	Block A		1st	R2/101	BEDROOM	11922954.5	100	50	95	97.7	PASS	300	50	50	33	FAIL
CBDM_PROPOSED	Block A		1st	R3/101	LKD	31312765.5	100	50	95	35.5	FAIL	300	50	50	3.1	FAIL
CBDM_PROPOSED	Block A		1st	R4/101	STUDIO	31579325.1	100	50	95	32.9	FAIL	300	50	50	1.3	FAIL
CBDM_PROPOSED	Block A		1st	R5/101	LKD	20945320.9	100	50	95	10.5	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block A		1st	R6/101	BEDROOM	10465623.2	100	50	95	40.5	FAIL	300	50	50	12.1	FAIL
CBDM_PROPOSED	Block A		1st	R7/101	LKD	31281992.2	100	50	95	100	PASS	300	50	50	82.7	PASS
CBDM_PROPOSED	Block A		1st	R8/101	BEDROOM	11259356.5	100	50	95	95.3	PASS	300	50	50	17.1	FAIL
CBDM_PROPOSED	Block A		1st	R9/101	BEDROOM	14665899.8	100	50	95	91.6	FAIL	300	50	50	27.9	FAIL
CBDM_PROPOSED	Block A		1st	R10/101	LKD	35579992.2	100	50	95	100	PASS	300	50	50	32.9	FAIL
CBDM_PROPOSED	Block A		1st	R11/101	BEDROOM	11524156.4	100	50	95	100	PASS	300	50	50	36.7	FAIL
CBDM_PROPOSED	Block A		1st	R12/101	BEDROOM	14503112.6	100	50	95	98.1	PASS	300	50	50	23.7	FAIL
CBDM_PROPOSED	Block A		2nd	R1/102	BEDROOM	11563369.4	100	50	95	93.7	FAIL	300	50	50	26.6	FAIL
CBDM_PROPOSED	Block A		2nd	R2/102	BEDROOM	11922954.5	100	50	95	98.9	PASS	300	50	50	34.1	FAIL
CBDM_PROPOSED	Block A		2nd	R3/102	LKD	31312765.5	100	50	95	42.3	FAIL	300	50	50	6.1	FAIL
CBDM_PROPOSED	Block A		2nd	R4/102	STUDIO	31579325.1	100	50	95	39.1	FAIL	300	50	50	2.6	FAIL
CBDM_PROPOSED	Block A		2nd	R5/102	LKD	20945320.9	100	50	95	18.3	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block A		2nd	R6/102	BEDROOM	10465623.2	100	50	95	52.3	FAIL	300	50	50	19.4	FAIL
CBDM_PROPOSED	Block A		2nd	R7/102	LKD	31281992.2	100	50	95	100	PASS	300	50	50	97.7	PASS
CBDM_PROPOSED	Block A		2nd	R8/102	BEDROOM	11259356.5	100	50	95	95.3	PASS	300	50	50	21.7	FAIL
CBDM_PROPOSED	Block A		2nd	R9/102	BEDROOM	14665899.8	100	50	95	95	PASS	300	50	50	33	FAIL
CBDM_PROPOSED	Block A		2nd	R10/102	LKD	35579992.2	100	50	95	100	PASS	300	50	50	44.8	FAIL
CBDM_PROPOSED	Block A		2nd	R11/102	BEDROOM	11524156.4	100	50	95	100	PASS	300	50	50	37	FAIL
CBDM_PROPOSED	Block A		2nd	R12/102	BEDROOM	14503112.6	100	50	95	98.1	PASS	300	50	50	23.7	FAIL
CBDM_PROPOSED	Block A		3rd	R1/103	BEDROOM	11563369.4	100	50	95	93.7	FAIL	300	50	50	28	FAIL
CBDM_PROPOSED	Block A		3rd	R2/103	BEDROOM	11922954.5	100	50	95	98.9	PASS	300	50	50	34.1	FAIL
CBDM_PROPOSED	Block A		3rd	R3/103	LKD	31312765.5	100	50	95	48.4	FAIL	300	50	50	13.2	FAIL
CBDM_PROPOSED	Block A		3rd	R4/103	STUDIO	31579325.1	100	50	95	50.6	FAIL	300	50	50	11	FAIL
CBDM_PROPOSED	Block A		3rd	R5/103	LKD	20945320.9	100	50	95	34.5	FAIL	300	50	50	7.3	FAIL
CBDM_PROPOSED	Block A		3rd	R6/103	BEDROOM	10465623.2	100	50	95	77.5	FAIL	300	50	50	31.7	FAIL
CBDM_PROPOSED	Block A		3rd	R7/103	LKD	31281992.2	100	50	95	100	PASS	300	50	50	99.2	PASS
CBDM_PROPOSED	Block A		3rd	R8/103	BEDROOM	11259356.5	100	50	95	95.3	PASS	300	50	50	26.2	FAIL
CBDM_PROPOSED	Block A		3rd	R9/103	BEDROOM	14665899.8	100	50	95	96.3	PASS	300	50	50	35.6	FAIL
CBDM_PROPOSED	Block A		3rd	R10/103	LKD	35579992.2	100	50	95	100	PASS	300	50	50	53	PASS
CBDM_PROPOSED	Block A		3rd	R11/103	BEDROOM	11524156.4	100	50	95	100	PASS	300	50	50	39.6	FAIL
CBDM_PROPOSED	Block A		3rd	R12/103	BEDROOM	14503112.6	100	50	95	98.1	PASS	300	50	50	24.7	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block A		4th	R1/104	BEDROOM	10698872.6	100	50	95	94.9	FAIL	300	50	50	30.3	FAIL
CBDM_PROPOSED	Block A		4th	R2/104	BEDROOM	11922954.5	100	50	95	100	PASS	300	50	50	34.1	FAIL
CBDM_PROPOSED	Block A		4th	R3/104	LKD	31312765.5	100	50	95	60	FAIL	300	50	50	23.7	FAIL
CBDM_PROPOSED	Block A		4th	R4/104	STUDIO	31579325.1	100	50	95	60.7	FAIL	300	50	50	22.1	FAIL
CBDM_PROPOSED	Block A		4th	R5/104	LKD	20945320.9	100	50	95	62.1	FAIL	300	50	50	15.9	FAIL
CBDM_PROPOSED	Block A		4th	R6/104	BEDROOM	10465623.2	100	50	95	100	PASS	300	50	50	51.5	PASS
CBDM_PROPOSED	Block A		4th	R7/104	LKD	31281992.2	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block A		4th	R8/104	BEDROOM	11259356.5	100	50	95	100	PASS	300	50	50	44.3	FAIL
CBDM_PROPOSED	Block A		4th	R9/104	BEDROOM	14665899.8	100	50	95	97.4	PASS	300	50	50	35.6	FAIL
CBDM_PROPOSED	Block A		4th	R10/104	LKD	35579992.2	100	50	95	100	PASS	300	50	50	55.1	PASS
CBDM_PROPOSED	Block A		4th	R11/104	BEDROOM	11524156.4	100	50	95	100	PASS	300	50	50	38.4	FAIL
CBDM_PROPOSED	Block A		4th	R12/104	BEDROOM	14503112.6	100	50	95	98.1	PASS	300	50	50	24.7	FAIL
CBDM_PROPOSED	Block A		5th	R1/105	BEDROOM	10699301.2	100	50	95	96.5	PASS	300	50	50	31.7	FAIL
CBDM_PROPOSED	Block A		5th	R2/105	BEDROOM	11927237	100	50	95	100	PASS	300	50	50	34.1	FAIL
CBDM_PROPOSED	Block A		5th	R3/105	LKD	31381351.5	100	50	95	100	PASS	300	50	50	50.2	PASS
CBDM_PROPOSED	Block A		5th	R4/105	STUDIO	31598638	100	50	95	69.3	FAIL	300	50	50	59.3	PASS
CBDM_PROPOSED	Block A		5th	R5/105	LKD	23427507.2	100	50	95	90.5	FAIL	300	50	50	53.3	PASS
CBDM_PROPOSED	Block A		5th	R6/105	BEDROOM	10410529.7	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block A		1st	R1/201	BEDROOM	10366294.8	100	50	95	100	PASS	300	50	50	44.5	FAIL
CBDM_PROPOSED	Block A		1st	R2/201	BEDROOM	8846740.2	100	50	95	100	PASS	300	50	50	54.8	PASS
CBDM_PROPOSED	Block A		1st	R3/201	BEDROOM	9077374.7	100	50	95	100	PASS	300	50	50	61.9	PASS
CBDM_PROPOSED	Block A		1st	R4/201	LKD	33624150.8	100	50	95	100	PASS	300	50	50	54.7	PASS
CBDM_PROPOSED	Block A		1st	R5/201	BEDROOM	14296298.7	100	50	95	96.2	PASS	300	50	50	31.6	FAIL
CBDM_PROPOSED	Block A		1st	R6/201	BEDROOM	10206336.5	100	50	95	100	PASS	300	50	50	31.6	FAIL
CBDM_PROPOSED	Block A		1st	R7/201	LKD	31252791.6	100	50	95	100	PASS	300	50	50	54.9	PASS
CBDM_PROPOSED	Block A		1st	R8/201	LKD	25788002.5	100	50	95	39.2	FAIL	300	50	50	5.3	FAIL
CBDM_PROPOSED	Block A		1st	R9/201	BEDROOM	9836676.3	100	50	95	84.7	FAIL	300	50	50	13	FAIL
CBDM_PROPOSED	Block A		1st	R10/201	BEDROOM	9836676.3	100	50	95	87.5	FAIL	300	50	50	13	FAIL
CBDM_PROPOSED	Block A		1st	R11/201	LKD	25948486.1	100	50	95	51.1	FAIL	300	50	50	9.4	FAIL
CBDM_PROPOSED	Block A		1st	R12/201	LKD	30830246.3	100	50	95	34.7	FAIL	300	50	50	4.1	FAIL
CBDM_PROPOSED	Block A		1st	R13/201	BEDROOM	11940704.5	100	50	95	100	PASS	300	50	50	65.9	PASS
CBDM_PROPOSED	Block A		1st	R14/201	BEDROOM	11587028.7	100	50	95	98.3	PASS	300	50	50	36.6	FAIL
CBDM_PROPOSED	Block A		2nd	R1/202	BEDROOM	10366294.8	100	50	95	100	PASS	300	50	50	45.8	FAIL
CBDM_PROPOSED	Block A		2nd	R2/202	BEDROOM	8846740.2	100	50	95	100	PASS	300	50	50	57.8	PASS
CBDM_PROPOSED	Block A		2nd	R3/202	BEDROOM	9077374.7	100	50	95	100	PASS	300	50	50	64.5	PASS
CBDM_PROPOSED	Block A		2nd	R4/202	LKD	33624150.8	100	50	95	100	PASS	300	50	50	63	PASS
CBDM_PROPOSED	Block A		2nd	R5/202	BEDROOM	14296298.7	100	50	95	98.2	PASS	300	50	50	31.6	FAIL
CBDM_PROPOSED	Block A		2nd	R6/202	BEDROOM	10206336.5	100	50	95	100	PASS	300	50	50	38.4	FAIL
CBDM_PROPOSED	Block A		2nd	R7/202	LKD	31252791.6	100	50	95	100	PASS	300	50	50	57.4	PASS
CBDM_PROPOSED	Block A		2nd	R8/202	LKD	25788002.5	100	50	95	45.1	FAIL	300	50	50	8.8	FAIL
CBDM_PROPOSED	Block A		2nd	R9/202	BEDROOM	9836676.3	100	50	95	93.5	FAIL	300	50	50	13	FAIL
CBDM_PROPOSED	Block A		2nd	R10/202	BEDROOM	9836676.3	100	50	95	94	FAIL	300	50	50	14.5	FAIL
CBDM_PROPOSED	Block A		2nd	R11/202	LKD	25948486.1	100	50	95	56.4	FAIL	300	50	50	13.7	FAIL
CBDM_PROPOSED	Block A		2nd	R12/202	LKD	30830246.3	100	50	95	37.4	FAIL	300	50	50	6.8	FAIL
CBDM_PROPOSED	Block A		2nd	R13/202	BEDROOM	11940704.5	100	50	95	100	PASS	300	50	50	67	PASS
CBDM_PROPOSED	Block A		2nd	R14/202	BEDROOM	11587028.7	100	50	95	98.3	PASS	300	50	50	36.6	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block A		3rd	R1/203	BEDROOM	10366294.8	100	50	95	100	PASS	300	50	50	47.1	FAIL
CBDM_PROPOSED	Block A		3rd	R2/203	BEDROOM	8846740.2	100	50	95	100	PASS	300	50	50	57.8	PASS
CBDM_PROPOSED	Block A		3rd	R3/203	BEDROOM	9077374.7	100	50	95	100	PASS	300	50	50	65.8	PASS
CBDM_PROPOSED	Block A		3rd	R4/203	LKD	33624150.8	100	50	95	100	PASS	300	50	50	64.7	PASS
CBDM_PROPOSED	Block A		3rd	R5/203	BEDROOM	14296298.7	100	50	95	99	PASS	300	50	50	31.6	FAIL
CBDM_PROPOSED	Block A		3rd	R6/203	BEDROOM	10206336.5	100	50	95	100	PASS	300	50	50	51	PASS
CBDM_PROPOSED	Block A		3rd	R7/203	LKD	31252791.6	100	50	95	100	PASS	300	50	50	61.6	PASS
CBDM_PROPOSED	Block A		3rd	R8/203	LKD	25788002.5	100	50	95	53.3	FAIL	300	50	50	11.7	FAIL
CBDM_PROPOSED	Block A		3rd	R9/203	BEDROOM	9836676.3	100	50	95	98.5	PASS	300	50	50	18.8	FAIL
CBDM_PROPOSED	Block A		3rd	R10/203	BEDROOM	9836676.3	100	50	95	98.5	PASS	300	50	50	23.1	FAIL
CBDM_PROPOSED	Block A		3rd	R11/203	LKD	25948486.1	100	50	95	65.1	FAIL	300	50	50	17.3	FAIL
CBDM_PROPOSED	Block A		3rd	R12/203	LKD	30830246.3	100	50	95	42.4	FAIL	300	50	50	10	FAIL
CBDM_PROPOSED	Block A		3rd	R13/203	BEDROOM	11940704.5	100	50	95	100	PASS	300	50	50	69.2	PASS
CBDM_PROPOSED	Block A		3rd	R14/203	BEDROOM	11587028.7	100	50	95	99.5	PASS	300	50	50	36.6	FAIL
CBDM_PROPOSED	Block A		4th	R1/204	BEDROOM	10366294.8	100	50	95	100	PASS	300	50	50	49.2	FAIL
CBDM_PROPOSED	Block A		4th	R2/204	BEDROOM	8846740.2	100	50	95	100	PASS	300	50	50	58.3	PASS
CBDM_PROPOSED	Block A		4th	R3/204	BEDROOM	9077374.7	100	50	95	100	PASS	300	50	50	67.9	PASS
CBDM_PROPOSED	Block A		4th	R4/204	LKD	33624150.8	100	50	95	100	PASS	300	50	50	66.8	PASS
CBDM_PROPOSED	Block A		4th	R5/204	BEDROOM	14296298.7	100	50	95	99	PASS	300	50	50	32.5	FAIL
CBDM_PROPOSED	Block A		4th	R6/204	BEDROOM	10206336.5	100	50	95	100	PASS	300	50	50	69.7	PASS
CBDM_PROPOSED	Block A		4th	R7/204	LKD	31252791.6	100	50	95	100	PASS	300	50	50	67	PASS
CBDM_PROPOSED	Block A		4th	R8/204	LKD	25788002.5	100	50	95	62.2	FAIL	300	50	50	18.1	FAIL
CBDM_PROPOSED	Block A		4th	R9/204	BEDROOM	9836676.3	100	50	95	98.5	PASS	300	50	50	28.9	FAIL
CBDM_PROPOSED	Block A		4th	R10/204	BEDROOM	9836676.3	100	50	95	100	PASS	300	50	50	33.6	FAIL
CBDM_PROPOSED	Block A		4th	R11/204	LKD	25948486.1	100	50	95	84.8	FAIL	300	50	50	24.2	FAIL
CBDM_PROPOSED	Block A		4th	R12/204	LKD	30830246.3	100	50	95	48.8	FAIL	300	50	50	15.5	FAIL
CBDM_PROPOSED	Block A		4th	R13/204	BEDROOM	11940704.5	100	50	95	100	PASS	300	50	50	71.4	PASS
CBDM_PROPOSED	Block A		4th	R14/204	BEDROOM	11587028.7	100	50	95	99.5	PASS	300	50	50	36.6	FAIL
CBDM_PROPOSED	Block A		5th	R1/205	BEDROOM	10366294.8	100	50	95	100	PASS	300	50	50	49.2	FAIL
CBDM_PROPOSED	Block A		5th	R2/205	BEDROOM	8846740.2	100	50	95	100	PASS	300	50	50	61.2	PASS
CBDM_PROPOSED	Block A		5th	R3/205	BEDROOM	9077374.7	100	50	95	100	PASS	300	50	50	67.8	PASS
CBDM_PROPOSED	Block A		5th	R4/205	LKD	33624150.8	100	50	95	100	PASS	300	50	50	67.6	PASS
CBDM_PROPOSED	Block A		5th	R5/205	BEDROOM	14296298.7	100	50	95	99	PASS	300	50	50	33.5	FAIL
CBDM_PROPOSED	Block A		5th	R6/205	BEDROOM	10206336.5	100	50	95	100	PASS	300	50	50	78.4	PASS
CBDM_PROPOSED	Block A		5th	R7/205	LKD	31252791.6	100	50	95	100	PASS	300	50	50	74.4	PASS
CBDM_PROPOSED	Block A		5th	R8/205	LKD	25788002.5	100	50	95	79.3	FAIL	300	50	50	24.6	FAIL
CBDM_PROPOSED	Block A		5th	R9/205	BEDROOM	9836676.3	100	50	95	100	PASS	300	50	50	42.3	FAIL
CBDM_PROPOSED	Block A		5th	R10/205	BEDROOM	9836676.3	100	50	95	100	PASS	300	50	50	62.8	PASS
CBDM_PROPOSED	Block A		5th	R11/205	LKD	25948486.1	100	50	95	99.5	PASS	300	50	50	31.6	FAIL
CBDM_PROPOSED	Block A		5th	R12/205	LKD	30830246.3	100	50	95	59.3	FAIL	300	50	50	19.2	FAIL
CBDM_PROPOSED	Block A		5th	R13/205	BEDROOM	11940704.5	100	50	95	100	PASS	300	50	50	72	PASS
CBDM_PROPOSED	Block A		5th	R14/205	BEDROOM	11587028.7	100	50	95	99.5	PASS	300	50	50	36.6	FAIL
CBDM_PROPOSED	Block A		6th	R1/206	BEDROOM	10366294.8	100	50	95	100	PASS	300	50	50	49.7	FAIL
CBDM_PROPOSED	Block A		6th	R2/206	BEDROOM	8846740.2	100	50	95	100	PASS	300	50	50	62.7	PASS
CBDM_PROPOSED	Block A		6th	R3/206	BEDROOM	9077374.7	100	50	95	100	PASS	300	50	50	70.5	PASS
CBDM_PROPOSED	Block A		6th	R4/206	LKD	33624150.8	100	50	95	100	PASS	300	50	50	68.1	PASS

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block A		6th	R5/206	BEDROOM	14296298.7	100	50	95	99	PASS	300	50	50	33.5	FAIL
CBDM_PROPOSED	Block A		6th	R6/206	BEDROOM	10206336.5	100	50	95	100	PASS	300	50	50	81.3	PASS
CBDM_PROPOSED	Block A		6th	R7/206	LKD	31252791.6	100	50	95	100	PASS	300	50	50	87	PASS
CBDM_PROPOSED	Block A		6th	R8/206	LKD	25788002.5	100	50	95	100	PASS	300	50	50	32.8	FAIL
CBDM_PROPOSED	Block A		6th	R9/206	BEDROOM	9836676.3	100	50	95	100	PASS	300	50	50	81.4	PASS
CBDM_PROPOSED	Block A		6th	R10/206	BEDROOM	9836676.3	100	50	95	100	PASS	300	50	50	79.6	PASS
CBDM_PROPOSED	Block A		6th	R11/206	LKD	25948486.1	100	50	95	100	PASS	300	50	50	52.7	PASS
CBDM_PROPOSED	Block A		6th	R12/206	LKD	30830246.3	100	50	95	100	PASS	300	50	50	47.5	FAIL
CBDM_PROPOSED	Block A		6th	R13/206	BEDROOM	11940704.5	100	50	95	100	PASS	300	50	50	74.1	PASS
CBDM_PROPOSED	Block A		6th	R14/206	BEDROOM	11587028.7	100	50	95	99.5	PASS	300	50	50	38.4	FAIL
CBDM_PROPOSED	Block A		7th	R1/207	BEDROOM	10366294.8	100	50	95	100	PASS	300	50	50	53.6	PASS
CBDM_PROPOSED	Block A		7th	R2/207	BEDROOM	8846740.2	100	50	95	100	PASS	300	50	50	62.7	PASS
CBDM_PROPOSED	Block A		7th	R3/207	BEDROOM	9077374.7	100	50	95	100	PASS	300	50	50	71.8	PASS
CBDM_PROPOSED	Block A		7th	R4/207	LKD	33699159.7	100	50	95	100	PASS	300	50	50	78.1	PASS
CBDM_PROPOSED	Block A		7th	R5/207	BEDROOM	14291005.1	100	50	95	99	PASS	300	50	50	36.4	FAIL
CBDM_PROPOSED	Block A		7th	R6/207	BEDROOM	10204780.2	100	50	95	100	PASS	300	50	50	96	PASS
CBDM_PROPOSED	Block A		7th	R7/207	LKD	31178676.3	100	50	95	100	PASS	300	50	50	98.6	PASS
CBDM_PROPOSED	Block A		7th	R8/207	BEDROOM	10685946.1	100	50	95	100	PASS	300	50	50	94.2	PASS
CBDM_PROPOSED	Block A		7th	R9/207	BEDROOM	9225531.5	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block A		7th	R10/207	LKD	30779289.8	100	50	95	100	PASS	300	50	50	80.7	PASS
CBDM_PROPOSED	Block B		Gnd	R1/300	LKD	32430694.2	100	50	95	42.9	FAIL	300	50	50	14.5	FAIL
CBDM_PROPOSED	Block B		Gnd	R2/300	BEDROOM	9643438.5	100	50	95	96.8	PASS	300	50	50	37.4	FAIL
CBDM_PROPOSED	Block B		Gnd	R3/300	BEDROOM	13501538.5	100	50	95	69	FAIL	300	50	50	20.8	FAIL
CBDM_PROPOSED	Block B		Gnd	R4/300	BEDROOM	10621612.7	100	50	95	96.2	PASS	300	50	50	28.2	FAIL
CBDM_PROPOSED	Block B		Gnd	R5/300	LKD	25397982.8	100	50	95	48.3	FAIL	300	50	50	12.9	FAIL
CBDM_PROPOSED	Block B		Gnd	R6/300	STUDIO	30344599.1	100	50	95	58.6	FAIL	300	50	50	20.7	FAIL
CBDM_PROPOSED	Block B		Gnd	R7/300	LKD	31789019.7	100	50	95	49.3	FAIL	300	50	50	20.5	FAIL
CBDM_PROPOSED	Block B		Gnd	R8/300	LKD	31781928.4	100	50	95	48.7	FAIL	300	50	50	19.6	FAIL
CBDM_PROPOSED	Block B		Gnd	R9/300	STUDIO	30884599.1	100	50	95	57.6	FAIL	300	50	50	21.3	FAIL
CBDM_PROPOSED	Block B		Gnd	R10/300	LKD	23426976.8	100	50	95	53.5	FAIL	300	50	50	16.1	FAIL
CBDM_PROPOSED	Block B		Gnd	R11/300	BEDROOM	10582073.3	100	50	95	92.7	FAIL	300	50	50	29.4	FAIL
CBDM_PROPOSED	Block B		Gnd	R12/300	LKD	31381250	100	50	95	54.3	FAIL	300	50	50	20.1	FAIL
CBDM_PROPOSED	Block B		Gnd	R13/300	BEDROOM	11879386.5	100	50	95	95.5	PASS	300	50	50	23.1	FAIL
CBDM_PROPOSED	Block B		Gnd	R14/300	BEDROOM	10697013	100	50	95	45	FAIL	300	50	50	8.5	FAIL
CBDM_PROPOSED	Block B		Gnd	R15/300	BEDROOM	10784668.3	100	50	95	29	FAIL	300	50	50	10.9	FAIL
CBDM_PROPOSED	Block B		Gnd	R16/300	BEDROOM	11968690	100	50	95	68.2	FAIL	300	50	50	22	FAIL
CBDM_PROPOSED	Block B		Gnd	R17/300	BEDROOM	11835201	100	50	95	54.9	FAIL	300	50	50	18.1	FAIL
CBDM_PROPOSED	Block B		Gnd	R18/300	BEDROOM	10681700.4	100	50	95	25.4	FAIL	300	50	50	10.7	FAIL
CBDM_PROPOSED	Block B		Gnd	R19/300	BEDROOM	11447697.4	100	50	95	37.4	FAIL	300	50	50	14.3	FAIL
CBDM_PROPOSED	Block B		Gnd	R20/300	BEDROOM	11882022.1	100	50	95	54.3	FAIL	300	50	50	21	FAIL
CBDM_PROPOSED	Block B		Gnd	R21/300	LKD	30303352.7	100	50	95	42.9	FAIL	300	50	50	24.2	FAIL
CBDM_PROPOSED	Block B		1st	R1/301	LKD	32430694.2	100	50	95	46.6	FAIL	300	50	50	13.6	FAIL
CBDM_PROPOSED	Block B		1st	R2/301	BEDROOM	9643438.5	100	50	95	100	PASS	300	50	50	36.6	FAIL
CBDM_PROPOSED	Block B		1st	R3/301	BEDROOM	13501538.5	100	50	95	79.5	FAIL	300	50	50	24.8	FAIL
CBDM_PROPOSED	Block B		1st	R4/301	BEDROOM	10621612.7	100	50	95	98.7	PASS	300	50	50	28.2	FAIL
CBDM_PROPOSED	Block B		1st	R5/301	LKD	25397982.8	100	50	95	46.1	FAIL	300	50	50	10.1	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block B		1st	R6/301	STUDIO	30344599.1	100	50	95	56.3	FAIL	300	50	50	15.3	FAIL
CBDM_PROPOSED	Block B		1st	R7/301	LKD	31789019.7	100	50	95	44.1	FAIL	300	50	50	11.7	FAIL
CBDM_PROPOSED	Block B		1st	R8/301	LKD	31781928.4	100	50	95	44.7	FAIL	300	50	50	14	FAIL
CBDM_PROPOSED	Block B		1st	R9/301	STUDIO	30884599.1	100	50	95	55.4	FAIL	300	50	50	12.8	FAIL
CBDM_PROPOSED	Block B		1st	R10/301	LKD	23426976.8	100	50	95	51.2	FAIL	300	50	50	11.7	FAIL
CBDM_PROPOSED	Block B		1st	R11/301	BEDROOM	10582073.3	100	50	95	98.7	PASS	300	50	50	31.9	FAIL
CBDM_PROPOSED	Block B		1st	R12/301	LKD	31381250	100	50	95	61.2	FAIL	300	50	50	17.6	FAIL
CBDM_PROPOSED	Block B		1st	R13/301	BEDROOM	11879386.5	100	50	95	96.7	PASS	300	50	50	32.5	FAIL
CBDM_PROPOSED	Block B		1st	R14/301	BEDROOM	10697013	100	50	95	51.3	FAIL	300	50	50	13.3	FAIL
CBDM_PROPOSED	Block B		1st	R15/301	BEDROOM	10784668.3	100	50	95	41.6	FAIL	300	50	50	16.9	FAIL
CBDM_PROPOSED	Block B		1st	R16/301	BEDROOM	11968690	100	50	95	79	FAIL	300	50	50	26.4	FAIL
CBDM_PROPOSED	Block B		1st	R17/301	BEDROOM	11835201	100	50	95	67.5	FAIL	300	50	50	25.3	FAIL
CBDM_PROPOSED	Block B		1st	R18/301	BEDROOM	10681700.4	100	50	95	34.7	FAIL	300	50	50	13.4	FAIL
CBDM_PROPOSED	Block B		1st	R19/301	BEDROOM	11447697.4	100	50	95	41	FAIL	300	50	50	17.5	FAIL
CBDM_PROPOSED	Block B		1st	R20/301	BEDROOM	11882022.1	100	50	95	73.4	FAIL	300	50	50	29.9	FAIL
CBDM_PROPOSED	Block B		1st	R21/301	LKD	30303352.7	100	50	95	46.6	FAIL	300	50	50	24.7	FAIL
CBDM_PROPOSED	Block B		2nd	R1/302	LKD	32430694.2	100	50	95	50.6	FAIL	300	50	50	14.1	FAIL
CBDM_PROPOSED	Block B		2nd	R2/302	BEDROOM	9643438.5	100	50	95	100	PASS	300	50	50	53	PASS
CBDM_PROPOSED	Block B		2nd	R3/302	BEDROOM	13501538.5	100	50	95	83.7	FAIL	300	50	50	27	FAIL
CBDM_PROPOSED	Block B		2nd	R4/302	BEDROOM	10621612.7	100	50	95	98.7	PASS	300	50	50	31.8	FAIL
CBDM_PROPOSED	Block B		2nd	R5/302	LKD	25397982.8	100	50	95	49.5	FAIL	300	50	50	12.9	FAIL
CBDM_PROPOSED	Block B		2nd	R6/302	STUDIO	30344599.1	100	50	95	60.4	FAIL	300	50	50	17.6	FAIL
CBDM_PROPOSED	Block B		2nd	R7/302	LKD	31789019.7	100	50	95	51.3	FAIL	300	50	50	16.6	FAIL
CBDM_PROPOSED	Block B		2nd	R8/302	LKD	31781928.4	100	50	95	53.5	FAIL	300	50	50	16.6	FAIL
CBDM_PROPOSED	Block B		2nd	R9/302	STUDIO	30884599.1	100	50	95	59.8	FAIL	300	50	50	16.8	FAIL
CBDM_PROPOSED	Block B		2nd	R10/302	LKD	23426976.8	100	50	95	55.3	FAIL	300	50	50	16.1	FAIL
CBDM_PROPOSED	Block B		2nd	R11/302	BEDROOM	10582073.3	100	50	95	98.7	PASS	300	50	50	36.7	FAIL
CBDM_PROPOSED	Block B		2nd	R12/302	LKD	31381250	100	50	95	71.7	FAIL	300	50	50	23.2	FAIL
CBDM_PROPOSED	Block B		2nd	R13/302	BEDROOM	11879386.5	100	50	95	100	PASS	300	50	50	42.4	FAIL
CBDM_PROPOSED	Block B		2nd	R14/302	BEDROOM	10697013	100	50	95	59.4	FAIL	300	50	50	13.3	FAIL
CBDM_PROPOSED	Block B		2nd	R15/302	BEDROOM	10784668.3	100	50	95	49.4	FAIL	300	50	50	18.2	FAIL
CBDM_PROPOSED	Block B		2nd	R16/302	BEDROOM	11968690	100	50	95	87.7	FAIL	300	50	50	34.1	FAIL
CBDM_PROPOSED	Block B		2nd	R17/302	BEDROOM	11835201	100	50	95	81.7	FAIL	300	50	50	31.4	FAIL
CBDM_PROPOSED	Block B		2nd	R18/302	BEDROOM	10681700.4	100	50	95	42.4	FAIL	300	50	50	16.1	FAIL
CBDM_PROPOSED	Block B		2nd	R19/302	BEDROOM	11447697.4	100	50	95	49.1	FAIL	300	50	50	18.7	FAIL
CBDM_PROPOSED	Block B		2nd	R20/302	BEDROOM	11882022.1	100	50	95	98.9	PASS	300	50	50	32.2	FAIL
CBDM_PROPOSED	Block B		2nd	R21/302	LKD	30303352.7	100	50	95	52	FAIL	300	50	50	29.8	FAIL
CBDM_PROPOSED	Block B		3rd	R1/303	LKD	32430694.2	100	50	95	53.1	FAIL	300	50	50	15.8	FAIL
CBDM_PROPOSED	Block B		3rd	R2/303	BEDROOM	9643438.5	100	50	95	100	PASS	300	50	50	74.4	PASS
CBDM_PROPOSED	Block B		3rd	R3/303	BEDROOM	13501538.5	100	50	95	86.6	FAIL	300	50	50	28	FAIL
CBDM_PROPOSED	Block B		3rd	R4/303	BEDROOM	10621612.7	100	50	95	98.7	PASS	300	50	50	33.1	FAIL
CBDM_PROPOSED	Block B		3rd	R5/303	LKD	25397982.8	100	50	95	50.4	FAIL	300	50	50	12.9	FAIL
CBDM_PROPOSED	Block B		3rd	R6/303	STUDIO	30344599.1	100	50	95	61.3	FAIL	300	50	50	18.6	FAIL
CBDM_PROPOSED	Block B		3rd	R7/303	LKD	31789019.7	100	50	95	55.9	FAIL	300	50	50	17	FAIL
CBDM_PROPOSED	Block B		3rd	R8/303	LKD	31781928.4	100	50	95	57	FAIL	300	50	50	17	FAIL
CBDM_PROPOSED	Block B		3rd	R9/303	STUDIO	30884599.1	100	50	95	60.3	FAIL	300	50	50	18.2	FAIL
CBDM_PROPOSED	Block B		3rd	R10/303	LKD	23426976.8	100	50	95	57.1	FAIL	300	50	50	17.2	FAIL
CBDM_PROPOSED	Block B		3rd	R11/303	BEDROOM	10582073.3	100	50	95	98.7	PASS	300	50	50	38	FAIL
CBDM_PROPOSED	Block B		3rd	R12/303	LKD	31381250	100	50	95	85	FAIL	300	50	50	27	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block B		3rd	R13/303	BEDROOM	11879386.5	100	50	95	100	PASS	300	50	50	53.9	PASS
CBDM_PROPOSED	Block B		3rd	R14/303	BEDROOM	10697013	100	50	95	65.1	FAIL	300	50	50	15.7	FAIL
CBDM_PROPOSED	Block B		3rd	R15/303	BEDROOM	10784668.3	100	50	95	57.1	FAIL	300	50	50	21.2	FAIL
CBDM_PROPOSED	Block B		3rd	R16/303	BEDROOM	11968690	100	50	95	92.9	FAIL	300	50	50	41.8	FAIL
CBDM_PROPOSED	Block B		3rd	R17/303	BEDROOM	11835201	100	50	95	89.5	FAIL	300	50	50	37.4	FAIL
CBDM_PROPOSED	Block B		3rd	R18/303	BEDROOM	10681700.4	100	50	95	50.9	FAIL	300	50	50	18.7	FAIL
CBDM_PROPOSED	Block B		3rd	R19/303	BEDROOM	11447697.4	100	50	95	60.1	FAIL	300	50	50	23.2	FAIL
CBDM_PROPOSED	Block B		3rd	R20/303	BEDROOM	11882022.1	100	50	95	100	PASS	300	50	50	42.3	FAIL
CBDM_PROPOSED	Block B		3rd	R21/303	LKD	30303352.7	100	50	95	57.6	FAIL	300	50	50	35.4	FAIL
CBDM_PROPOSED	Block B		4th	R1/304	LKD	32430694.2	100	50	95	62.6	FAIL	300	50	50	24.6	FAIL
CBDM_PROPOSED	Block B		4th	R2/304	BEDROOM	9643438.5	100	50	95	100	PASS	300	50	50	96.8	PASS
CBDM_PROPOSED	Block B		4th	R3/304	BEDROOM	13501538.5	100	50	95	88.6	FAIL	300	50	50	27	FAIL
CBDM_PROPOSED	Block B		4th	R4/304	BEDROOM	10621612.7	100	50	95	98.7	PASS	300	50	50	35.5	FAIL
CBDM_PROPOSED	Block B		4th	R5/304	LKD	25397982.8	100	50	95	51	FAIL	300	50	50	12.9	FAIL
CBDM_PROPOSED	Block B		4th	R6/304	STUDIO	30344599.1	100	50	95	60.9	FAIL	300	50	50	19.5	FAIL
CBDM_PROPOSED	Block B		4th	R7/304	LKD	31789019.7	100	50	95	59	FAIL	300	50	50	17.9	FAIL
CBDM_PROPOSED	Block B		4th	R8/304	LKD	31781928.4	100	50	95	58.3	FAIL	300	50	50	17.4	FAIL
CBDM_PROPOSED	Block B		4th	R9/304	STUDIO	30884599.1	100	50	95	60.7	FAIL	300	50	50	18.6	FAIL
CBDM_PROPOSED	Block B		4th	R10/304	LKD	23426976.8	100	50	95	57.4	FAIL	300	50	50	17.8	FAIL
CBDM_PROPOSED	Block B		4th	R11/304	BEDROOM	10582073.3	100	50	95	100	PASS	300	50	50	38	FAIL
CBDM_PROPOSED	Block B		4th	R12/304	LKD	31381250	100	50	95	92	FAIL	300	50	50	24.7	FAIL
CBDM_PROPOSED	Block B		4th	R13/304	BEDROOM	11879386.5	100	50	95	100	PASS	300	50	50	66.6	PASS
CBDM_PROPOSED	Block B		4th	R14/304	BEDROOM	10697013	100	50	95	76.4	FAIL	300	50	50	19.3	FAIL
CBDM_PROPOSED	Block B		4th	R15/304	BEDROOM	10784668.3	100	50	95	76.8	FAIL	300	50	50	23.6	FAIL
CBDM_PROPOSED	Block B		4th	R16/304	BEDROOM	11968690	100	50	95	100	PASS	300	50	50	50	PASS
CBDM_PROPOSED	Block B		4th	R17/304	BEDROOM	11835201	100	50	95	100	PASS	300	50	50	48.1	FAIL
CBDM_PROPOSED	Block B		4th	R18/304	BEDROOM	10681700.4	100	50	95	67.3	FAIL	300	50	50	20.1	FAIL
CBDM_PROPOSED	Block B		4th	R19/304	BEDROOM	11447697.4	100	50	95	79.5	FAIL	300	50	50	25.6	FAIL
CBDM_PROPOSED	Block B		4th	R20/304	BEDROOM	11882022.1	100	50	95	100	PASS	300	50	50	49	FAIL
CBDM_PROPOSED	Block B		4th	R21/304	LKD	30303352.7	100	50	95	69.8	FAIL	300	50	50	42.4	FAIL
CBDM_PROPOSED	Block B		5th	R1/305	BEDROOM	11367328	100	50	95	97.7	PASS	300	50	50	54.9	PASS
CBDM_PROPOSED	Block B		5th	R2/305	BEDROOM	11835248.1	100	50	95	100	PASS	300	50	50	91.5	PASS
CBDM_PROPOSED	Block B		5th	R3/305	LKD	31859810.9	100	50	95	75.9	FAIL	300	50	50	27.4	FAIL
CBDM_PROPOSED	Block B		5th	R4/305	BEDROOM	12996746.4	100	50	95	100	PASS	300	50	50	59.3	PASS
CBDM_PROPOSED	Block B		5th	R5/305	BEDROOM	10041865	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R6/305	LKD	32091948.6	100	50	95	99.6	PASS	300	50	50	42.8	FAIL
CBDM_PROPOSED	Block B		5th	R7/305	LKD	31853712.8	100	50	95	100	PASS	300	50	50	43.5	FAIL
CBDM_PROPOSED	Block B		5th	R8/305	LKD	31719394.7	100	50	95	100	PASS	300	50	50	45	FAIL
CBDM_PROPOSED	Block B		5th	R9/305	LKD	32066300.3	100	50	95	99.6	PASS	300	50	50	42.7	FAIL
CBDM_PROPOSED	Block B		5th	R10/305	BEDROOM	10041865	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R11/305	BEDROOM	12966893.2	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R12/305	BEDROOM	10779718.3	100	50	95	97.6	PASS	300	50	50	44.5	FAIL
CBDM_PROPOSED	Block B		5th	R13/305	BEDROOM	11968663.1	100	50	95	100	PASS	300	50	50	88.1	PASS
CBDM_PROPOSED	Block B		5th	R14/305	BEDROOM	11835218.3	100	50	95	100	PASS	300	50	50	87.2	PASS
CBDM_PROPOSED	Block B		5th	R15/305	BEDROOM	10610407.1	100	50	95	94.4	FAIL	300	50	50	31	FAIL
CBDM_PROPOSED	Block B		Gnd	R1/320	BEDROOM	11451584.3	100	50	95	44.2	FAIL	300	50	50	16.7	FAIL
CBDM_PROPOSED	Block B		Gnd	R2/320	BEDROOM	11886855.5	100	50	95	78.8	FAIL	300	50	50	26.6	FAIL
CBDM_PROPOSED	Block B		Gnd	R3/320	LKD	29351440.6	100	50	95	44.2	FAIL	300	50	50	16.7	FAIL
CBDM_PROPOSED	Block B		Gnd	R4/320	LKD	31531268.7	100	50	95	66.5	FAIL	300	50	50	27.2	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block B		Gnd	R5/320	BEDROOM	9643438.5	100	50	95	98.4	PASS	300	50	50	35.7	FAIL
CBDM_PROPOSED	Block B		Gnd	R6/320	BEDROOM	13439973.9	100	50	95	56.8	FAIL	300	50	50	19.9	FAIL
CBDM_PROPOSED	Block B		Gnd	R7/320	BEDROOM	10618953	100	50	95	82.9	FAIL	300	50	50	25.7	FAIL
CBDM_PROPOSED	Block B		Gnd	R8/320	LKD	23500991.5	100	50	95	47.3	FAIL	300	50	50	12.2	FAIL
CBDM_PROPOSED	Block B		Gnd	R9/320	STUDIO	30880412.1	100	50	95	55.3	FAIL	300	50	50	17.3	FAIL
CBDM_PROPOSED	Block B		Gnd	R10/320	LKD	31449765.7	100	50	95	42	FAIL	300	50	50	14.5	FAIL
CBDM_PROPOSED	Block B		Gnd	R11/320	BEDROOM	11698690.3	100	50	95	51.5	FAIL	300	50	50	22.5	FAIL
CBDM_PROPOSED	Block B		Gnd	R12/320	BEDROOM	10562419.1	100	50	95	33.7	FAIL	300	50	50	12.1	FAIL
CBDM_PROPOSED	Block B		1st	R1/321	BEDROOM	11451584.3	100	50	95	60.1	FAIL	300	50	50	21.2	FAIL
CBDM_PROPOSED	Block B		1st	R2/321	BEDROOM	11886855.5	100	50	95	97.7	PASS	300	50	50	34.4	FAIL
CBDM_PROPOSED	Block B		1st	R3/321	LKD	29351440.6	100	50	95	51.3	FAIL	300	50	50	16.2	FAIL
CBDM_PROPOSED	Block B		1st	R4/321	LKD	31531268.7	100	50	95	83.4	FAIL	300	50	50	31.5	FAIL
CBDM_PROPOSED	Block B		1st	R5/321	BEDROOM	9643438.5	100	50	95	100	PASS	300	50	50	42.5	FAIL
CBDM_PROPOSED	Block B		1st	R6/321	BEDROOM	13439973.9	100	50	95	79.2	FAIL	300	50	50	25.9	FAIL
CBDM_PROPOSED	Block B		1st	R7/321	BEDROOM	10618953	100	50	95	98.7	PASS	300	50	50	33.1	FAIL
CBDM_PROPOSED	Block B		1st	R8/321	LKD	23500991.5	100	50	95	50.2	FAIL	300	50	50	11.7	FAIL
CBDM_PROPOSED	Block B		1st	R9/321	STUDIO	30880412.1	100	50	95	56.7	FAIL	300	50	50	14.6	FAIL
CBDM_PROPOSED	Block B		1st	R10/321	LKD	31449765.7	100	50	95	42.5	FAIL	300	50	50	11.6	FAIL
CBDM_PROPOSED	Block B		1st	R11/321	BEDROOM	11698690.3	100	50	95	70.6	FAIL	300	50	50	31.1	FAIL
CBDM_PROPOSED	Block B		1st	R12/321	BEDROOM	10562419.1	100	50	95	41.1	FAIL	300	50	50	18.9	FAIL
CBDM_PROPOSED	Block B		2nd	R1/322	BEDROOM	11451584.3	100	50	95	74.7	FAIL	300	50	50	23.2	FAIL
CBDM_PROPOSED	Block B		2nd	R2/322	BEDROOM	11886855.5	100	50	95	100	PASS	300	50	50	42.4	FAIL
CBDM_PROPOSED	Block B		2nd	R3/322	LKD	29351440.6	100	50	95	60.1	FAIL	300	50	50	24.3	FAIL
CBDM_PROPOSED	Block B		2nd	R4/322	LKD	31531268.7	100	50	95	94.8	FAIL	300	50	50	37.8	FAIL
CBDM_PROPOSED	Block B		2nd	R5/322	BEDROOM	9643438.5	100	50	95	100	PASS	300	50	50	67.6	PASS
CBDM_PROPOSED	Block B		2nd	R6/322	BEDROOM	13439973.9	100	50	95	83.4	FAIL	300	50	50	28	FAIL
CBDM_PROPOSED	Block B		2nd	R7/322	BEDROOM	10618953	100	50	95	100	PASS	300	50	50	36.8	FAIL
CBDM_PROPOSED	Block B		2nd	R8/322	LKD	23500991.5	100	50	95	54.6	FAIL	300	50	50	13.4	FAIL
CBDM_PROPOSED	Block B		2nd	R9/322	STUDIO	30880412.1	100	50	95	59.8	FAIL	300	50	50	17.3	FAIL
CBDM_PROPOSED	Block B		2nd	R10/322	LKD	31449765.7	100	50	95	50.4	FAIL	300	50	50	13.7	FAIL
CBDM_PROPOSED	Block B		2nd	R11/322	BEDROOM	11698690.3	100	50	95	81.7	FAIL	300	50	50	35.9	FAIL
CBDM_PROPOSED	Block B		2nd	R12/322	BEDROOM	10562419.1	100	50	95	55.7	FAIL	300	50	50	18.9	FAIL
CBDM_PROPOSED	Block B		3rd	R1/323	BEDROOM	11451584.3	100	50	95	80.8	FAIL	300	50	50	26.8	FAIL
CBDM_PROPOSED	Block B		3rd	R2/323	BEDROOM	11886855.5	100	50	95	100	PASS	300	50	50	47.9	FAIL
CBDM_PROPOSED	Block B		3rd	R3/323	LKD	29351440.6	100	50	95	69.8	FAIL	300	50	50	33.4	FAIL
CBDM_PROPOSED	Block B		3rd	R4/323	LKD	31531268.7	100	50	95	99	PASS	300	50	50	43.1	FAIL
CBDM_PROPOSED	Block B		3rd	R5/323	BEDROOM	9643438.5	100	50	95	100	PASS	300	50	50	74.3	PASS
CBDM_PROPOSED	Block B		3rd	R6/323	BEDROOM	13439973.9	100	50	95	88.4	FAIL	300	50	50	28.1	FAIL
CBDM_PROPOSED	Block B		3rd	R7/323	BEDROOM	10618953	100	50	95	100	PASS	300	50	50	38	FAIL
CBDM_PROPOSED	Block B		3rd	R8/323	LKD	23500991.5	100	50	95	55.5	FAIL	300	50	50	15.2	FAIL
CBDM_PROPOSED	Block B		3rd	R9/323	STUDIO	30880412.1	100	50	95	60.3	FAIL	300	50	50	19.6	FAIL
CBDM_PROPOSED	Block B		3rd	R10/323	LKD	31449765.7	100	50	95	53.8	FAIL	300	50	50	15	FAIL
CBDM_PROPOSED	Block B		3rd	R11/323	BEDROOM	11698690.3	100	50	95	88.1	FAIL	300	50	50	38.3	FAIL
CBDM_PROPOSED	Block B		3rd	R12/323	BEDROOM	10562419.1	100	50	95	64.1	FAIL	300	50	50	24.3	FAIL
CBDM_PROPOSED	Block B		4th	R1/324	BEDROOM	11451584.3	100	50	95	83.2	FAIL	300	50	50	30	FAIL
CBDM_PROPOSED	Block B		4th	R2/324	BEDROOM	11886855.5	100	50	95	100	PASS	300	50	50	59.9	PASS
CBDM_PROPOSED	Block B		4th	R3/324	LKD	29351440.6	100	50	95	90.8	FAIL	300	50	50	38.5	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block B		4th	R4/324	LKD	31531268.7	100	50	95	100	PASS	300	50	50	53.9	PASS
CBDM_PROPOSED	Block B		4th	R5/324	BEDROOM	9643438.5	100	50	95	100	PASS	300	50	50	98.4	PASS
CBDM_PROPOSED	Block B		4th	R6/324	BEDROOM	13439973.9	100	50	95	89.4	FAIL	300	50	50	28.1	FAIL
CBDM_PROPOSED	Block B		4th	R7/324	BEDROOM	10618953	100	50	95	100	PASS	300	50	50	39.3	FAIL
CBDM_PROPOSED	Block B		4th	R8/324	LKD	23500991.5	100	50	95	55.5	FAIL	300	50	50	16.3	FAIL
CBDM_PROPOSED	Block B		4th	R9/324	STUDIO	30880412.1	100	50	95	60.3	FAIL	300	50	50	20.7	FAIL
CBDM_PROPOSED	Block B		4th	R10/324	LKD	31449765.7	100	50	95	58	FAIL	300	50	50	14.1	FAIL
CBDM_PROPOSED	Block B		4th	R11/324	BEDROOM	11698690.3	100	50	95	98.8	PASS	300	50	50	45.5	FAIL
CBDM_PROPOSED	Block B		4th	R12/324	BEDROOM	10562419.1	100	50	95	87.4	FAIL	300	50	50	25.6	FAIL
CBDM_PROPOSED	Block B		5th	R1/325	BEDROOM	11363669.7	100	50	95	97.7	PASS	300	50	50	44.2	FAIL
CBDM_PROPOSED	Block B		5th	R2/325	BEDROOM	11835237.7	100	50	95	100	PASS	300	50	50	97.6	PASS
CBDM_PROPOSED	Block B		5th	R3/325	LKD	31811568.9	100	50	95	91.6	FAIL	300	50	50	29.2	FAIL
CBDM_PROPOSED	Block B		5th	R4/325	BEDROOM	12966858.9	100	50	95	100	PASS	300	50	50	64.4	PASS
CBDM_PROPOSED	Block B		5th	R5/325	BEDROOM	10041865	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R6/325	LKD	32091947.8	100	50	95	100	PASS	300	50	50	47.5	FAIL
CBDM_PROPOSED	Block B		5th	R7/325	LKD	31258398.7	100	50	95	100	PASS	300	50	50	50.2	PASS
CBDM_PROPOSED	Block B		5th	R8/325	BEDROOM	11818140.3	100	50	95	100	PASS	300	50	50	86.5	PASS
CBDM_PROPOSED	Block B		5th	R9/325	BEDROOM	10562419.1	100	50	95	94.7	FAIL	300	50	50	36	FAIL
CBDM_PROPOSED	Block C		Gnd	R1/350	LKD	34031433.4	100	50	95	17.7	FAIL	300	50	50	6.5	FAIL
CBDM_PROPOSED	Block C		Gnd	R2/350	BEDROOM	10941326.1	100	50	95	44.1	FAIL	300	50	50	5	FAIL
CBDM_PROPOSED	Block C		Gnd	R3/350	BEDROOM	12136252.7	100	50	95	37.3	FAIL	300	50	50	12.1	FAIL
CBDM_PROPOSED	Block C		Gnd	R4/350	LKD	26830360.1	100	50	95	37.7	FAIL	300	50	50	12.3	FAIL
CBDM_PROPOSED	Block C		Gnd	R5/350	BEDROOM	10956223	100	50	95	41.7	FAIL	300	50	50	15.6	FAIL
CBDM_PROPOSED	Block C		Gnd	R6/350	LKD	22298845.6	100	50	95	100	PASS	300	50	50	60.9	PASS
CBDM_PROPOSED	Block C		Gnd	R8/350	BEDROOM	9838992.2	100	50	95	100	PASS	300	50	50	69.8	PASS
CBDM_PROPOSED	Block C		Gnd	R9/350	BEDROOM	9838992.2	100	50	95	100	PASS	300	50	50	69.9	PASS
CBDM_PROPOSED	Block C		Gnd	R10/350	LKD	25838681.2	100	50	95	78.7	FAIL	300	50	50	27.5	FAIL
CBDM_PROPOSED	Block C		Gnd	R11/350	BEDROOM	13698840.2	100	50	95	98	PASS	300	50	50	32.5	FAIL
CBDM_PROPOSED	Block C		Gnd	R12/350	BEDROOM	10268516.9	100	50	95	100	PASS	300	50	50	52.5	PASS
CBDM_PROPOSED	Block C		Gnd	R13/350	LKD	31994853.5	100	50	95	85.1	FAIL	300	50	50	33.3	FAIL
CBDM_PROPOSED	Block C		Gnd	R14/350	LKD	32260068.4	100	50	95	82.6	FAIL	300	50	50	30	FAIL
CBDM_PROPOSED	Block C		Gnd	R15/350	LKD	32260068.4	100	50	95	85.7	FAIL	300	50	50	30.9	FAIL
CBDM_PROPOSED	Block C		Gnd	R16/350	LKD	31994853.5	100	50	95	83.8	FAIL	300	50	50	33.3	FAIL
CBDM_PROPOSED	Block C		Gnd	R17/350	BEDROOM	10096094.6	100	50	95	100	PASS	300	50	50	50.2	PASS
CBDM_PROPOSED	Block C		Gnd	R18/350	BEDROOM	13739059	100	50	95	100	PASS	300	50	50	51.5	PASS
CBDM_PROPOSED	Block C		Gnd	R19/350	LKD	30827358.1	100	50	95	100	PASS	300	50	50	55.9	PASS
CBDM_PROPOSED	Block C		Gnd	R20/350	BEDROOM	10094592.5	100	50	95	92.1	FAIL	300	50	50	17	FAIL
CBDM_PROPOSED	Block C		Gnd	R21/350	BEDROOM	13913907.3	100	50	95	52.2	FAIL	300	50	50	18.6	FAIL
CBDM_PROPOSED	Block C		Gnd	R22/350	LKD	34876389.9	100	50	95	74.5	FAIL	300	50	50	21.5	FAIL
CBDM_PROPOSED	Block C		Gnd	R23/350	BEDROOM	10768576.9	100	50	95	31	FAIL	300	50	50	7.7	FAIL
CBDM_PROPOSED	Block C		Gnd	R24/350	BEDROOM	14510713.6	100	50	95	14.1	FAIL	300	50	50	3.5	FAIL
CBDM_PROPOSED	Block C		Gnd	R25/350	BEDROOM	10703144	100	50	95	32.8	FAIL	300	50	50	13.1	FAIL
CBDM_PROPOSED	Block C		Gnd	R26/350	BEDROOM	12041104.7	100	50	95	33	FAIL	300	50	50	13.2	FAIL
CBDM_PROPOSED	Block C		Gnd	R27/350	BEDROOM	12041104.7	100	50	95	48.5	FAIL	300	50	50	18.7	FAIL
CBDM_PROPOSED	Block C		Gnd	R28/350	BEDROOM	10703144	100	50	95	40.4	FAIL	300	50	50	17.6	FAIL
CBDM_PROPOSED	Block C		1st	R1/351	LKD	34031433.4	100	50	95	23.2	FAIL	300	50	50	9.7	FAIL
CBDM_PROPOSED	Block C		1st	R2/351	BEDROOM	10941326.1	100	50	95	41.6	FAIL	300	50	50	5	FAIL
CBDM_PROPOSED	Block C		1st	R3/351	BEDROOM	12136252.7	100	50	95	39.5	FAIL	300	50	50	13.2	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block C		1st	R4/351	LKD	26830360.1	100	50	95	48.5	FAIL	300	50	50	15.9	FAIL
CBDM_PROPOSED	Block C		1st	R5/351	BEDROOM	10956223	100	50	95	47.7	FAIL	300	50	50	16.8	FAIL
CBDM_PROPOSED	Block C		1st	R6/351	LKD	22298845.6	100	50	95	98	PASS	300	50	50	57.7	PASS
CBDM_PROPOSED	Block C		1st	R7/351	LKD	25877756.2	100	50	95	79.1	FAIL	300	50	50	25.8	FAIL
CBDM_PROPOSED	Block C		1st	R8/351	BEDROOM	9838992.2	100	50	95	98.6	PASS	300	50	50	38.3	FAIL
CBDM_PROPOSED	Block C		1st	R9/351	BEDROOM	9838992.2	100	50	95	98.6	PASS	300	50	50	38.3	FAIL
CBDM_PROPOSED	Block C		1st	R10/351	LKD	25838681.2	100	50	95	72.9	FAIL	300	50	50	19.9	FAIL
CBDM_PROPOSED	Block C		1st	R11/351	BEDROOM	13698840.2	100	50	95	98.7	PASS	300	50	50	32.5	FAIL
CBDM_PROPOSED	Block C		1st	R12/351	BEDROOM	10161716.9	100	50	95	96.1	PASS	300	50	50	25.8	FAIL
CBDM_PROPOSED	Block C		1st	R13/351	LKD	31994853.5	100	50	95	77.3	FAIL	300	50	50	27.6	FAIL
CBDM_PROPOSED	Block C		1st	R14/351	LKD	32260068.4	100	50	95	73.9	FAIL	300	50	50	23.5	FAIL
CBDM_PROPOSED	Block C		1st	R15/351	LKD	32260068.4	100	50	95	79.6	FAIL	300	50	50	25.2	FAIL
CBDM_PROPOSED	Block C		1st	R16/351	LKD	31994853.5	100	50	95	77	FAIL	300	50	50	28	FAIL
CBDM_PROPOSED	Block C		1st	R17/351	BEDROOM	10096094.6	100	50	95	92.1	FAIL	300	50	50	26.4	FAIL
CBDM_PROPOSED	Block C		1st	R18/351	BEDROOM	13739059	100	50	95	100	PASS	300	50	50	51.5	PASS
CBDM_PROPOSED	Block C		1st	R19/351	LKD	30827358.1	100	50	95	99.5	PASS	300	50	50	52.2	PASS
CBDM_PROPOSED	Block C		1st	R20/351	BEDROOM	10094592.5	100	50	95	96	PASS	300	50	50	17	FAIL
CBDM_PROPOSED	Block C		1st	R21/351	BEDROOM	13913907.3	100	50	95	79.1	FAIL	300	50	50	24.1	FAIL
CBDM_PROPOSED	Block C		1st	R22/351	LKD	34876389.9	100	50	95	87.9	FAIL	300	50	50	23.2	FAIL
CBDM_PROPOSED	Block C		1st	R23/351	BEDROOM	10768576.9	100	50	95	37.5	FAIL	300	50	50	12.8	FAIL
CBDM_PROPOSED	Block C		1st	R24/351	BEDROOM	14510713.6	100	50	95	24	FAIL	300	50	50	7.9	FAIL
CBDM_PROPOSED	Block C		1st	R25/351	BEDROOM	10703144	100	50	95	35.2	FAIL	300	50	50	14.5	FAIL
CBDM_PROPOSED	Block C		1st	R26/351	BEDROOM	12041104.7	100	50	95	36.3	FAIL	300	50	50	15.4	FAIL
CBDM_PROPOSED	Block C		1st	R27/351	BEDROOM	12041104.7	100	50	95	62.2	FAIL	300	50	50	19.8	FAIL
CBDM_PROPOSED	Block C		1st	R28/351	BEDROOM	10703144	100	50	95	46.8	FAIL	300	50	50	20	FAIL
CBDM_PROPOSED	Block C		2nd	R1/352	LKD	34031433.4	100	50	95	27.1	FAIL	300	50	50	11.6	FAIL
CBDM_PROPOSED	Block C		2nd	R2/352	BEDROOM	10941326.1	100	50	95	61.3	FAIL	300	50	50	8.7	FAIL
CBDM_PROPOSED	Block C		2nd	R3/352	BEDROOM	12136252.7	100	50	95	50.7	FAIL	300	50	50	15.4	FAIL
CBDM_PROPOSED	Block C		2nd	R4/352	LKD	26830360.1	100	50	95	61.4	FAIL	300	50	50	19.1	FAIL
CBDM_PROPOSED	Block C		2nd	R5/352	BEDROOM	10956223	100	50	95	59.3	FAIL	300	50	50	20.4	FAIL
CBDM_PROPOSED	Block C		2nd	R6/352	LKD	22298845.6	100	50	95	98	PASS	300	50	50	58.3	PASS
CBDM_PROPOSED	Block C		2nd	R7/352	LKD	25877756.2	100	50	95	81.4	FAIL	300	50	50	26.4	FAIL
CBDM_PROPOSED	Block C		2nd	R8/352	BEDROOM	9838992.2	100	50	95	98.6	PASS	300	50	50	48.3	FAIL
CBDM_PROPOSED	Block C		2nd	R9/352	BEDROOM	9838992.2	100	50	95	98.6	PASS	300	50	50	44	FAIL
CBDM_PROPOSED	Block C		2nd	R10/352	LKD	25838681.2	100	50	95	74.1	FAIL	300	50	50	21	FAIL
CBDM_PROPOSED	Block C		2nd	R11/352	BEDROOM	13698840.2	100	50	95	98.7	PASS	300	50	50	33.5	FAIL
CBDM_PROPOSED	Block C		2nd	R12/352	BEDROOM	10161716.9	100	50	95	96.1	PASS	300	50	50	29.3	FAIL
CBDM_PROPOSED	Block C		2nd	R13/352	LKD	31994853.5	100	50	95	78.2	FAIL	300	50	50	27.6	FAIL
CBDM_PROPOSED	Block C		2nd	R14/352	LKD	32260068.4	100	50	95	76.1	FAIL	300	50	50	24.4	FAIL
CBDM_PROPOSED	Block C		2nd	R15/352	LKD	32260068.4	100	50	95	82.2	FAIL	300	50	50	26.1	FAIL
CBDM_PROPOSED	Block C		2nd	R16/352	LKD	31994853.5	100	50	95	80.2	FAIL	300	50	50	28	FAIL
CBDM_PROPOSED	Block C		2nd	R17/352	BEDROOM	10096094.6	100	50	95	92.1	FAIL	300	50	50	29.1	FAIL
CBDM_PROPOSED	Block C		2nd	R18/352	BEDROOM	13739059	100	50	95	100	PASS	300	50	50	52.5	PASS
CBDM_PROPOSED	Block C		2nd	R19/352	LKD	30827358.1	100	50	95	100	PASS	300	50	50	57.8	PASS
CBDM_PROPOSED	Block C		2nd	R20/352	BEDROOM	10094592.5	100	50	95	98.7	PASS	300	50	50	22.2	FAIL
CBDM_PROPOSED	Block C		2nd	R21/352	BEDROOM	13913907.3	100	50	95	82.4	FAIL	300	50	50	24.1	FAIL
CBDM_PROPOSED	Block C		2nd	R22/352	LKD	34876389.9	100	50	95	97.9	PASS	300	50	50	24.6	FAIL
CBDM_PROPOSED	Block C		2nd	R23/352	BEDROOM	10768576.9	100	50	95	47.8	FAIL	300	50	50	14.1	FAIL
CBDM_PROPOSED	Block C		2nd	R24/352	BEDROOM	14510713.6	100	50	95	28.5	FAIL	300	50	50	8.8	FAIL
CBDM_PROPOSED	Block C		2nd	R25/352	BEDROOM	10703144	100	50	95	42.8	FAIL	300	50	50	16.4	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block C		2nd	R26/352	BEDROOM	12041104.7	100	50	95	48.6	FAIL	300	50	50	15.4	FAIL
CBDM_PROPOSED	Block C		2nd	R27/352	BEDROOM	12041104.7	100	50	95	77.6	FAIL	300	50	50	24.2	FAIL
CBDM_PROPOSED	Block C		2nd	R28/352	BEDROOM	10703144	100	50	95	61.2	FAIL	300	50	50	23.5	FAIL
CBDM_PROPOSED	Block C		3rd	R1/353	LKD	34031433.4	100	50	95	31.6	FAIL	300	50	50	13.3	FAIL
CBDM_PROPOSED	Block C		3rd	R2/353	BEDROOM	10941326.1	100	50	95	79	FAIL	300	50	50	11.2	FAIL
CBDM_PROPOSED	Block C		3rd	R3/353	BEDROOM	12136252.7	100	50	95	61.2	FAIL	300	50	50	17.6	FAIL
CBDM_PROPOSED	Block C		3rd	R4/353	LKD	26830360.1	100	50	95	76.4	FAIL	300	50	50	34.6	FAIL
CBDM_PROPOSED	Block C		3rd	R5/353	BEDROOM	10956223	100	50	95	68.6	FAIL	300	50	50	24	FAIL
CBDM_PROPOSED	Block C		3rd	R6/353	LKD	22298845.6	100	50	95	100	PASS	300	50	50	63.5	PASS
CBDM_PROPOSED	Block C		3rd	R7/353	LKD	25877756.2	100	50	95	84.9	FAIL	300	50	50	26.4	FAIL
CBDM_PROPOSED	Block C		3rd	R8/353	BEDROOM	9838992.2	100	50	95	100	PASS	300	50	50	56.9	PASS
CBDM_PROPOSED	Block C		3rd	R9/353	BEDROOM	9838992.2	100	50	95	98.6	PASS	300	50	50	54.1	PASS
CBDM_PROPOSED	Block C		3rd	R10/353	LKD	25838681.2	100	50	95	75.2	FAIL	300	50	50	21.6	FAIL
CBDM_PROPOSED	Block C		3rd	R11/353	BEDROOM	13698840.2	100	50	95	98.7	PASS	300	50	50	33.5	FAIL
CBDM_PROPOSED	Block C		3rd	R12/353	BEDROOM	10161716.9	100	50	95	96.1	PASS	300	50	50	29.3	FAIL
CBDM_PROPOSED	Block C		3rd	R13/353	LKD	31994853.5	100	50	95	81.4	FAIL	300	50	50	27.6	FAIL
CBDM_PROPOSED	Block C		3rd	R14/353	LKD	32260068.4	100	50	95	80	FAIL	300	50	50	24.8	FAIL
CBDM_PROPOSED	Block C		3rd	R15/353	LKD	32260068.4	100	50	95	82.6	FAIL	300	50	50	26.5	FAIL
CBDM_PROPOSED	Block C		3rd	R16/353	LKD	31994853.5	100	50	95	81.5	FAIL	300	50	50	28	FAIL
CBDM_PROPOSED	Block C		3rd	R17/353	BEDROOM	10096094.6	100	50	95	92.1	FAIL	300	50	50	30.4	FAIL
CBDM_PROPOSED	Block C		3rd	R18/353	BEDROOM	13739059	100	50	95	100	PASS	300	50	50	52.5	PASS
CBDM_PROPOSED	Block C		3rd	R19/353	LKD	30827358.1	100	50	95	100	PASS	300	50	50	59.6	PASS
CBDM_PROPOSED	Block C		3rd	R20/353	BEDROOM	10094592.5	100	50	95	98.7	PASS	300	50	50	23.6	FAIL
CBDM_PROPOSED	Block C		3rd	R21/353	BEDROOM	13913907.3	100	50	95	84.3	FAIL	300	50	50	25.2	FAIL
CBDM_PROPOSED	Block C		3rd	R22/353	LKD	34876389.9	100	50	95	99.5	PASS	300	50	50	27.8	FAIL
CBDM_PROPOSED	Block C		3rd	R23/353	BEDROOM	10768576.9	100	50	95	70.1	FAIL	300	50	50	19.3	FAIL
CBDM_PROPOSED	Block C		3rd	R24/353	BEDROOM	14510713.6	100	50	95	42.3	FAIL	300	50	50	13.2	FAIL
CBDM_PROPOSED	Block C		3rd	R25/353	BEDROOM	10703144	100	50	95	53.6	FAIL	300	50	50	19.3	FAIL
CBDM_PROPOSED	Block C		3rd	R26/353	BEDROOM	12041104.7	100	50	95	63.8	FAIL	300	50	50	16.5	FAIL
CBDM_PROPOSED	Block C		3rd	R27/353	BEDROOM	12041104.7	100	50	95	88.3	FAIL	300	50	50	26.4	FAIL
CBDM_PROPOSED	Block C		3rd	R28/353	BEDROOM	10703144	100	50	95	73.5	FAIL	300	50	50	25.2	FAIL
CBDM_PROPOSED	Block C		4th	R1/354	LKD	34031433.4	100	50	95	38.8	FAIL	300	50	50	18.5	FAIL
CBDM_PROPOSED	Block C		4th	R2/354	BEDROOM	10853900.2	100	50	95	95.9	PASS	300	50	50	35.1	FAIL
CBDM_PROPOSED	Block C		4th	R3/354	BEDROOM	13698840.2	100	50	95	100	PASS	300	50	50	88.1	PASS
CBDM_PROPOSED	Block C		4th	R4/354	BEDROOM	10135869.5	100	50	95	100	PASS	300	50	50	94.7	PASS
CBDM_PROPOSED	Block C		4th	R5/354	LKD	31994853.5	100	50	95	98.6	PASS	300	50	50	39	FAIL
CBDM_PROPOSED	Block C		4th	R6/354	LKD	32260068.4	100	50	95	100	PASS	300	50	50	37.9	FAIL
CBDM_PROPOSED	Block C		4th	R7/354	LKD	32260068.4	100	50	95	88.3	FAIL	300	50	50	28.3	FAIL
CBDM_PROPOSED	Block C		4th	R8/354	LKD	31994853.5	100	50	95	83.2	FAIL	300	50	50	29.4	FAIL
CBDM_PROPOSED	Block C		4th	R9/354	BEDROOM	10161716.9	100	50	95	100	PASS	300	50	50	35.4	FAIL
CBDM_PROPOSED	Block C		4th	R10/354	BEDROOM	13739059	100	50	95	100	PASS	300	50	50	55.4	PASS
CBDM_PROPOSED	Block C		4th	R11/354	LKD	30827358.1	100	50	95	100	PASS	300	50	50	93.5	PASS
CBDM_PROPOSED	Block C		4th	R12/354	BEDROOM	10094592.5	100	50	95	100	PASS	300	50	50	60.8	PASS
CBDM_PROPOSED	Block C		4th	R13/354	BEDROOM	13913907.3	100	50	95	83.2	FAIL	300	50	50	24.1	FAIL
CBDM_PROPOSED	Block C		4th	R14/354	LKD	34876389.9	100	50	95	99.5	PASS	300	50	50	21.2	FAIL
CBDM_PROPOSED	Block C		4th	R15/354	BEDROOM	10768576.9	100	50	95	96.1	PASS	300	50	50	27	FAIL
CBDM_PROPOSED	Block C		4th	R16/354	BEDROOM	14510713.6	100	50	95	54.3	FAIL	300	50	50	16.8	FAIL
CBDM_PROPOSED	Block C		4th	R17/354	BEDROOM	10703144	100	50	95	83.3	FAIL	300	50	50	23.3	FAIL
CBDM_PROPOSED	Block C		4th	R18/354	BEDROOM	12041104.7	100	50	95	93.3	FAIL	300	50	50	23.1	FAIL
CBDM_PROPOSED	Block C		4th	R19/354	BEDROOM	12041104.7	100	50	95	97.8	PASS	300	50	50	36.3	FAIL
CBDM_PROPOSED	Block C		4th	R20/354	BEDROOM	10703144	100	50	95	94.5	FAIL	300	50	50	31.1	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block C		5th	R1/355	BEDROOM	10778322.3	100	50	95	94.4	FAIL	300	50	50	28.8	FAIL
CBDM_PROPOSED	Block C		5th	R2/355	BEDROOM	12040939.1	100	50	95	96.7	PASS	300	50	50	31.9	FAIL
CBDM_PROPOSED	Block C		5th	R3/355	LKD	32276370.7	100	50	95	100	PASS	300	50	50	92.5	PASS
CBDM_PROPOSED	Block C		5th	R4/355	BEDROOM	9755316.2	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block C		5th	R5/355	BEDROOM	9148538.7	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block C		5th	R6/355	BEDROOM	9148538.7	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block C		5th	R7/355	LKD	34221598.1	100	50	95	96.8	PASS	300	50	50	57.3	PASS
CBDM_PROPOSED	Block C		5th	R8/355	LKD	24965947.8	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block C		5th	R9/355	BEDROOM	11377189.9	100	50	95	97.5	PASS	300	50	50	35.6	FAIL
CBDM_PROPOSED	Block D		Gnd	R1/360	BEDROOM	10798601.6	100	50	95	99.4	PASS	300	50	50	40.8	FAIL
CBDM_PROPOSED	Block D		Gnd	R2/360	BEDROOM	12122716.3	100	50	95	87.5	FAIL	300	50	50	23.9	FAIL
CBDM_PROPOSED	Block D		Gnd	R3/360	LKD	31085106.7	100	50	95	49.5	FAIL	300	50	50	9.5	FAIL
CBDM_PROPOSED	Block D		Gnd	R4/360	LKD	32484224.4	100	50	95	44.8	FAIL	300	50	50	17.5	FAIL
CBDM_PROPOSED	Block D		Gnd	R5/360	BEDROOM	9959712.6	100	50	95	96.1	PASS	300	50	50	20.6	FAIL
CBDM_PROPOSED	Block D		Gnd	R6/360	BEDROOM	13601984.8	100	50	95	53.3	FAIL	300	50	50	18.8	FAIL
CBDM_PROPOSED	Block D		Gnd	R7/360	LKD	30744744.7	100	50	95	14	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block D		Gnd	R8/360	LKD	30739776.6	100	50	95	18.6	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block D		Gnd	R9/360	LKD	32484224.4	100	50	95	19.3	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block D		Gnd	R10/360	BEDROOM	9959712.6	100	50	95	54.4	FAIL	300	50	50	1.3	FAIL
CBDM_PROPOSED	Block D		Gnd	R11/360	BEDROOM	13602248.6	100	50	95	39.1	FAIL	300	50	50	15.9	FAIL
CBDM_PROPOSED	Block D		Gnd	R12/360	LKD	25734379.1	100	50	95	27.5	FAIL	300	50	50	6.4	FAIL
CBDM_PROPOSED	Block D		Gnd	R13/360	BEDROOM	9915560.1	100	50	95	59	FAIL	300	50	50	10.1	FAIL
CBDM_PROPOSED	Block D		Gnd	R14/360	BEDROOM	9915560.1	100	50	95	30.2	FAIL	300	50	50	2.9	FAIL
CBDM_PROPOSED	Block D		Gnd	R15/360	LKD	25734379.1	100	50	95	25.1	FAIL	300	50	50	5.3	FAIL
CBDM_PROPOSED	Block D		Gnd	R16/360	LKD	22155540.7	100	50	95	87.2	FAIL	300	50	50	17.1	FAIL
CBDM_PROPOSED	Block D		Gnd	R17/360	BEDROOM	10794431.6	100	50	95	31.5	FAIL	300	50	50	9.7	FAIL
CBDM_PROPOSED	Block D		Gnd	R18/360	LKD	27625769.2	100	50	95	100	PASS	300	50	50	63.3	PASS
CBDM_PROPOSED	Block D		Gnd	R19/360	BEDROOM	12925565	100	50	95	97.7	PASS	300	50	50	50.5	PASS
CBDM_PROPOSED	Block D		Gnd	R20/360	LKD	25539767.7	100	50	95	79.4	FAIL	300	50	50	8.3	FAIL
CBDM_PROPOSED	Block D		Gnd	R21/360	BEDROOM	11954981.4	100	50	95	84.1	FAIL	300	50	50	23.4	FAIL
CBDM_PROPOSED	Block D		Gnd	R22/360	BEDROOM	10483044	100	50	95	93.1	FAIL	300	50	50	24.2	FAIL
CBDM_PROPOSED	Block D		Gnd	R23/360	BEDROOM	11919618.2	100	50	95	100	PASS	300	50	50	56.6	PASS
CBDM_PROPOSED	Block D		Gnd	R24/360	BEDROOM	12121027.9	100	50	95	100	PASS	300	50	50	56.9	PASS
CBDM_PROPOSED	Block D		Gnd	R25/360	BEDROOM	10665121	100	50	95	86.9	FAIL	300	50	50	23.9	FAIL
CBDM_PROPOSED	Block D		1st	R1/361	BEDROOM	10798601.6	100	50	95	98.1	PASS	300	50	50	34.1	FAIL
CBDM_PROPOSED	Block D		1st	R2/361	BEDROOM	12122716.3	100	50	95	86.7	FAIL	300	50	50	22.8	FAIL
CBDM_PROPOSED	Block D		1st	R3/361	LKD	31085106.7	100	50	95	33.2	FAIL	300	50	50	5.9	FAIL
CBDM_PROPOSED	Block D		1st	R4/361	LKD	32484224.4	100	50	95	33.1	FAIL	300	50	50	11.5	FAIL
CBDM_PROPOSED	Block D		1st	R5/361	BEDROOM	9959712.6	100	50	95	86.2	FAIL	300	50	50	11.6	FAIL
CBDM_PROPOSED	Block D		1st	R6/361	BEDROOM	13601984.8	100	50	95	57.2	FAIL	300	50	50	20.8	FAIL
CBDM_PROPOSED	Block D		1st	R7/361	LKD	30744744.7	100	50	95	9.5	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block D		1st	R8/361	LKD	30739776.6	100	50	95	12.7	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block D		1st	R9/361	LKD	32484224.4	100	50	95	12.7	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block D		1st	R10/361	BEDROOM	9959712.6	100	50	95	34.9	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block D		1st	R11/361	BEDROOM	13602248.6	100	50	95	41.4	FAIL	300	50	50	15.9	FAIL
CBDM_PROPOSED	Block D		1st	R12/361	LKD	25734379.1	100	50	95	18.7	FAIL	300	50	50	2.9	FAIL
CBDM_PROPOSED	Block D		1st	R13/361	BEDROOM	9915560.1	100	50	95	41.3	FAIL	300	50	50	5.8	FAIL
CBDM_PROPOSED	Block D		1st	R14/361	BEDROOM	9915560.1	100	50	95	18.7	FAIL	300	50	50	1.4	FAIL
CBDM_PROPOSED	Block D		1st	R15/361	LKD	25734379.1	100	50	95	16.9	FAIL	300	50	50	3.5	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block D		1st	R16/361	LKD	22155540.7	100	50	95	53.9	FAIL	300	50	50	13.9	FAIL
CBDM_PROPOSED	Block D		1st	R17/361	BEDROOM	10794431.6	100	50	95	29.1	FAIL	300	50	50	12.1	FAIL
CBDM_PROPOSED	Block D		1st	R18/361	LKD	27625769.2	100	50	95	98.2	PASS	300	50	50	49.9	FAIL
CBDM_PROPOSED	Block D		1st	R19/361	BEDROOM	12925565	100	50	95	96.4	PASS	300	50	50	37.1	FAIL
CBDM_PROPOSED	Block D		1st	R20/361	LKD	25539767.7	100	50	95	46.1	FAIL	300	50	50	3.9	FAIL
CBDM_PROPOSED	Block D		1st	R21/361	BEDROOM	11954981.4	100	50	95	89.6	FAIL	300	50	50	26.7	FAIL
CBDM_PROPOSED	Block D		1st	R22/361	BEDROOM	10483044	100	50	95	94.1	FAIL	300	50	50	28.2	FAIL
CBDM_PROPOSED	Block D		1st	R23/361	BEDROOM	11919618.2	100	50	95	100	PASS	300	50	50	52.3	PASS
CBDM_PROPOSED	Block D		1st	R24/361	BEDROOM	12121027.9	100	50	95	100	PASS	300	50	50	51.1	PASS
CBDM_PROPOSED	Block D		1st	R25/361	BEDROOM	10665121	100	50	95	88.7	FAIL	300	50	50	23.9	FAIL
CBDM_PROPOSED	Block D		2nd	R1/362	BEDROOM	10798601.6	100	50	95	99.4	PASS	300	50	50	40.8	FAIL
CBDM_PROPOSED	Block D		2nd	R2/362	BEDROOM	12122716.3	100	50	95	94.4	FAIL	300	50	50	25	FAIL
CBDM_PROPOSED	Block D		2nd	R3/362	LKD	31085106.7	100	50	95	43.2	FAIL	300	50	50	7.7	FAIL
CBDM_PROPOSED	Block D		2nd	R4/362	LKD	32484224.4	100	50	95	39.4	FAIL	300	50	50	13.3	FAIL
CBDM_PROPOSED	Block D		2nd	R5/362	BEDROOM	9959712.6	100	50	95	96.1	PASS	300	50	50	16.7	FAIL
CBDM_PROPOSED	Block D		2nd	R6/362	BEDROOM	13601984.8	100	50	95	72.8	FAIL	300	50	50	20.8	FAIL
CBDM_PROPOSED	Block D		2nd	R7/362	LKD	30744744.7	100	50	95	14	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block D		2nd	R8/362	LKD	30739776.6	100	50	95	17.2	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block D		2nd	R9/362	LKD	32484224.4	100	50	95	17	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block D		2nd	R10/362	BEDROOM	9959712.6	100	50	95	66.7	FAIL	300	50	50	3.9	FAIL
CBDM_PROPOSED	Block D		2nd	R11/362	BEDROOM	13602248.6	100	50	95	51.5	FAIL	300	50	50	18.8	FAIL
CBDM_PROPOSED	Block D		2nd	R12/362	LKD	25734379.1	100	50	95	26.3	FAIL	300	50	50	7	FAIL
CBDM_PROPOSED	Block D		2nd	R13/362	BEDROOM	9915560.1	100	50	95	60	FAIL	300	50	50	10.1	FAIL
CBDM_PROPOSED	Block D		2nd	R14/362	BEDROOM	9915560.1	100	50	95	33.1	FAIL	300	50	50	4.3	FAIL
CBDM_PROPOSED	Block D		2nd	R15/362	LKD	25734379.1	100	50	95	22.8	FAIL	300	50	50	6.4	FAIL
CBDM_PROPOSED	Block D		2nd	R16/362	LKD	22155540.7	100	50	95	78.4	FAIL	300	50	50	22.9	FAIL
CBDM_PROPOSED	Block D		2nd	R17/362	BEDROOM	10794431.6	100	50	95	35.1	FAIL	300	50	50	12.1	FAIL
CBDM_PROPOSED	Block D		2nd	R18/362	LKD	27625769.2	100	50	95	100	PASS	300	50	50	50.9	PASS
CBDM_PROPOSED	Block D		2nd	R19/362	BEDROOM	12925565	100	50	95	96.4	PASS	300	50	50	39.4	FAIL
CBDM_PROPOSED	Block D		2nd	R20/362	LKD	25539767.7	100	50	95	54.4	FAIL	300	50	50	3.9	FAIL
CBDM_PROPOSED	Block D		2nd	R21/362	BEDROOM	11954981.4	100	50	95	96.4	PASS	300	50	50	26.7	FAIL
CBDM_PROPOSED	Block D		2nd	R22/362	BEDROOM	10483044	100	50	95	94.1	FAIL	300	50	50	30.9	FAIL
CBDM_PROPOSED	Block D		2nd	R23/362	BEDROOM	11919618.2	100	50	95	100	PASS	300	50	50	63.5	PASS
CBDM_PROPOSED	Block D		2nd	R24/362	BEDROOM	12121027.9	100	50	95	100	PASS	300	50	50	60.6	PASS
CBDM_PROPOSED	Block D		2nd	R25/362	BEDROOM	10665121	100	50	95	92.8	FAIL	300	50	50	25.3	FAIL
CBDM_PROPOSED	Block D		3rd	R1/363	BEDROOM	10798601.6	100	50	95	99.6	PASS	300	50	50	48	FAIL
CBDM_PROPOSED	Block D		3rd	R2/363	BEDROOM	12122716.3	100	50	95	94.5	FAIL	300	50	50	29.4	FAIL
CBDM_PROPOSED	Block D		3rd	R3/363	LKD	31085106.7	100	50	95	53.6	FAIL	300	50	50	11.4	FAIL
CBDM_PROPOSED	Block D		3rd	R4/363	LKD	32484224.4	100	50	95	47	FAIL	300	50	50	17.1	FAIL
CBDM_PROPOSED	Block D		3rd	R5/363	BEDROOM	9959712.6	100	50	95	97.3	PASS	300	50	50	20.6	FAIL
CBDM_PROPOSED	Block D		3rd	R6/363	BEDROOM	13601984.8	100	50	95	77.9	FAIL	300	50	50	25.7	FAIL
CBDM_PROPOSED	Block D		3rd	R7/363	LKD	30744744.7	100	50	95	18.1	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block D		3rd	R8/363	LKD	30739776.6	100	50	95	24.5	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block D		3rd	R9/363	LKD	32484224.4	100	50	95	22.6	FAIL	300	50	50	2.4	FAIL
CBDM_PROPOSED	Block D		3rd	R10/363	BEDROOM	9959712.6	100	50	95	96.1	PASS	300	50	50	6.4	FAIL
CBDM_PROPOSED	Block D		3rd	R11/363	BEDROOM	13602248.6	100	50	95	67	FAIL	300	50	50	21.8	FAIL
CBDM_PROPOSED	Block D		3rd	R12/363	LKD	25734379.1	100	50	95	35	FAIL	300	50	50	9.9	FAIL
CBDM_PROPOSED	Block D		3rd	R13/363	BEDROOM	9915560.1	100	50	95	75.3	FAIL	300	50	50	12.9	FAIL
CBDM_PROPOSED	Block D		3rd	R14/363	BEDROOM	9915560.1	100	50	95	66.7	FAIL	300	50	50	8.6	FAIL
CBDM_PROPOSED	Block D		3rd	R15/363	LKD	25734379.1	100	50	95	32.7	FAIL	300	50	50	7.6	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block D		3rd	R16/363	LKD	22155540.7	100	50	95	92.4	FAIL	300	50	50	29.9	FAIL
CBDM_PROPOSED	Block D		3rd	R17/363	BEDROOM	10794431.6	100	50	95	35.1	FAIL	300	50	50	13.4	FAIL
CBDM_PROPOSED	Block D		3rd	R18/363	LKD	27625769.2	100	50	95	100	PASS	300	50	50	52.3	PASS
CBDM_PROPOSED	Block D		3rd	R19/363	BEDROOM	12925565	100	50	95	97	PASS	300	50	50	39.4	FAIL
CBDM_PROPOSED	Block D		3rd	R20/363	LKD	25539767.7	100	50	95	69.4	FAIL	300	50	50	6.1	FAIL
CBDM_PROPOSED	Block D		3rd	R21/363	BEDROOM	11954981.4	100	50	95	96.4	PASS	300	50	50	30.1	FAIL
CBDM_PROPOSED	Block D		3rd	R22/363	BEDROOM	10483044	100	50	95	94.1	FAIL	300	50	50	33.6	FAIL
CBDM_PROPOSED	Block D		3rd	R23/363	BEDROOM	11919618.2	100	50	95	100	PASS	300	50	50	78.2	PASS
CBDM_PROPOSED	Block D		3rd	R24/363	BEDROOM	12121027.9	100	50	95	100	PASS	300	50	50	66	PASS
CBDM_PROPOSED	Block D		3rd	R25/363	BEDROOM	10665121	100	50	95	92.8	FAIL	300	50	50	25.3	FAIL
CBDM_PROPOSED	Block D		4th	R1/364	BEDROOM	10798601.6	100	50	95	99.6	PASS	300	50	50	58.3	PASS
CBDM_PROPOSED	Block D		4th	R2/364	BEDROOM	12122716.3	100	50	95	94.5	FAIL	300	50	50	31.5	FAIL
CBDM_PROPOSED	Block D		4th	R3/364	LKD	31085106.7	100	50	95	68.6	FAIL	300	50	50	12.3	FAIL
CBDM_PROPOSED	Block D		4th	R4/364	LKD	32484224.4	100	50	95	52.6	FAIL	300	50	50	20.9	FAIL
CBDM_PROPOSED	Block D		4th	R5/364	BEDROOM	9959712.6	100	50	95	100	PASS	300	50	50	25.7	FAIL
CBDM_PROPOSED	Block D		4th	R6/364	BEDROOM	13601984.8	100	50	95	83.7	FAIL	300	50	50	29.6	FAIL
CBDM_PROPOSED	Block D		4th	R7/364	LKD	30744744.7	100	50	95	23.1	FAIL	300	50	50	1.4	FAIL
CBDM_PROPOSED	Block D		4th	R8/364	LKD	30739776.6	100	50	95	29.5	FAIL	300	50	50	2.1	FAIL
CBDM_PROPOSED	Block D		4th	R9/364	LKD	32484224.4	100	50	95	30.2	FAIL	300	50	50	2.9	FAIL
CBDM_PROPOSED	Block D		4th	R10/364	BEDROOM	9959712.6	100	50	95	97.4	PASS	300	50	50	11.6	FAIL
CBDM_PROPOSED	Block D		4th	R11/364	BEDROOM	13602248.6	100	50	95	76.7	FAIL	300	50	50	21.8	FAIL
CBDM_PROPOSED	Block D		4th	R12/364	LKD	25734379.1	100	50	95	45	FAIL	300	50	50	13.4	FAIL
CBDM_PROPOSED	Block D		4th	R13/364	BEDROOM	9915560.1	100	50	95	98.6	PASS	300	50	50	17.3	FAIL
CBDM_PROPOSED	Block D		4th	R14/364	BEDROOM	9915560.1	100	50	95	95.3	PASS	300	50	50	11.5	FAIL
CBDM_PROPOSED	Block D		4th	R15/364	LKD	25734379.1	100	50	95	41.5	FAIL	300	50	50	12.8	FAIL
CBDM_PROPOSED	Block D		4th	R16/364	LKD	22155540.7	100	50	95	100	PASS	300	50	50	44.2	FAIL
CBDM_PROPOSED	Block D		4th	R17/364	BEDROOM	10794431.6	100	50	95	43	FAIL	300	50	50	18.2	FAIL
CBDM_PROPOSED	Block D		4th	R18/364	LKD	27625769.2	100	50	95	100	PASS	300	50	50	53.8	PASS
CBDM_PROPOSED	Block D		4th	R19/364	BEDROOM	12925565	100	50	95	97	PASS	300	50	50	40.5	FAIL
CBDM_PROPOSED	Block D		4th	R20/364	LKD	25539767.7	100	50	95	88.3	FAIL	300	50	50	7.8	FAIL
CBDM_PROPOSED	Block D		4th	R21/364	BEDROOM	11954981.4	100	50	95	96.4	PASS	300	50	50	32.4	FAIL
CBDM_PROPOSED	Block D		4th	R22/364	BEDROOM	10483044	100	50	95	94.1	FAIL	300	50	50	34.9	FAIL
CBDM_PROPOSED	Block D		4th	R23/364	BEDROOM	11919618.2	100	50	95	100	PASS	300	50	50	83.5	PASS
CBDM_PROPOSED	Block D		4th	R24/364	BEDROOM	12121027.9	100	50	95	100	PASS	300	50	50	79	PASS
CBDM_PROPOSED	Block D		4th	R25/364	BEDROOM	10665121	100	50	95	92.8	FAIL	300	50	50	25.3	FAIL
CBDM_PROPOSED	Block D		5th	R1/365	BEDROOM	10798601.6	100	50	95	99.6	PASS	300	50	50	72	PASS
CBDM_PROPOSED	Block D		5th	R2/365	BEDROOM	12122716.3	100	50	95	96.7	PASS	300	50	50	33.7	FAIL
CBDM_PROPOSED	Block D		5th	R3/365	LKD	31085106.7	100	50	95	88.2	FAIL	300	50	50	20.9	FAIL
CBDM_PROPOSED	Block D		5th	R4/365	LKD	32484224.4	100	50	95	61.8	FAIL	300	50	50	23.2	FAIL
CBDM_PROPOSED	Block D		5th	R5/365	BEDROOM	9959712.6	100	50	95	100	PASS	300	50	50	29.7	FAIL
CBDM_PROPOSED	Block D		5th	R6/365	BEDROOM	13601984.8	100	50	95	89.9	FAIL	300	50	50	33.1	FAIL
CBDM_PROPOSED	Block D		5th	R7/365	LKD	30744744.7	100	50	95	26.7	FAIL	300	50	50	1.7	FAIL
CBDM_PROPOSED	Block D		5th	R8/365	LKD	30739776.6	100	50	95	34.1	FAIL	300	50	50	2.1	FAIL
CBDM_PROPOSED	Block D		5th	R9/365	LKD	32484224.4	100	50	95	35.4	FAIL	300	50	50	4.7	FAIL
CBDM_PROPOSED	Block D		5th	R10/365	BEDROOM	9959712.6	100	50	95	100	PASS	300	50	50	18.1	FAIL
CBDM_PROPOSED	Block D		5th	R11/365	BEDROOM	13602248.6	100	50	95	81.7	FAIL	300	50	50	23.7	FAIL
CBDM_PROPOSED	Block D		5th	R12/365	LKD	25734379.1	100	50	95	54.5	FAIL	300	50	50	17.5	FAIL
CBDM_PROPOSED	Block D		5th	R13/365	BEDROOM	9915560.1	100	50	95	100	PASS	300	50	50	23	FAIL
CBDM_PROPOSED	Block D		5th	R14/365	BEDROOM	9915560.1	100	50	95	98.6	PASS	300	50	50	15.8	FAIL
CBDM_PROPOSED	Block D		5th	R15/365	LKD	25734379.1	100	50	95	50.2	FAIL	300	50	50	14.6	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block D		5th	R16/365	LKD	22155540.7	100	50	95	100	PASS	300	50	50	65.7	PASS
CBDM_PROPOSED	Block D		5th	R17/365	BEDROOM	10794431.6	100	50	95	47.9	FAIL	300	50	50	19.4	FAIL
CBDM_PROPOSED	Block D		5th	R18/365	LKD	27625769.2	100	50	95	100	PASS	300	50	50	55.9	PASS
CBDM_PROPOSED	Block D		5th	R19/365	BEDROOM	12925565	100	50	95	97	PASS	300	50	50	42.8	FAIL
CBDM_PROPOSED	Block D		5th	R20/365	LKD	25539767.7	100	50	95	97.8	PASS	300	50	50	8.3	FAIL
CBDM_PROPOSED	Block D		5th	R21/365	BEDROOM	11954981.4	100	50	95	96.4	PASS	300	50	50	34.6	FAIL
CBDM_PROPOSED	Block D		5th	R22/365	BEDROOM	10483044	100	50	95	94.1	FAIL	300	50	50	36.3	FAIL
CBDM_PROPOSED	Block D		5th	R23/365	BEDROOM	11919618.2	100	50	95	100	PASS	300	50	50	85.7	PASS
CBDM_PROPOSED	Block D		5th	R24/365	BEDROOM	12121027.9	100	50	95	100	PASS	300	50	50	81.4	PASS
CBDM_PROPOSED	Block D		5th	R25/365	BEDROOM	10665121	100	50	95	93.5	FAIL	300	50	50	28.3	FAIL
CBDM_PROPOSED	Block D		6th	R1/366	BEDROOM	10798601.6	100	50	95	99.6	PASS	300	50	50	87	PASS
CBDM_PROPOSED	Block D		6th	R2/366	BEDROOM	12122716.3	100	50	95	96.7	PASS	300	50	50	33.7	FAIL
CBDM_PROPOSED	Block D		6th	R3/366	LKD	31085106.7	100	50	95	100	PASS	300	50	50	31.8	FAIL
CBDM_PROPOSED	Block D		6th	R4/366	LKD	32484224.4	100	50	95	67.7	FAIL	300	50	50	24.3	FAIL
CBDM_PROPOSED	Block D		6th	R5/366	BEDROOM	9959712.6	100	50	95	100	PASS	300	50	50	34.9	FAIL
CBDM_PROPOSED	Block D		6th	R6/366	BEDROOM	13601984.8	100	50	95	94	FAIL	300	50	50	34.7	FAIL
CBDM_PROPOSED	Block D		6th	R7/366	LKD	30744744.7	100	50	95	28.6	FAIL	300	50	50	2.1	FAIL
CBDM_PROPOSED	Block D		6th	R8/366	LKD	30739776.6	100	50	95	35.9	FAIL	300	50	50	2.6	FAIL
CBDM_PROPOSED	Block D		6th	R9/366	LKD	32484224.4	100	50	95	38.3	FAIL	300	50	50	5.1	FAIL
CBDM_PROPOSED	Block D		6th	R10/366	BEDROOM	9959712.6	100	50	95	100	PASS	300	50	50	19.5	FAIL
CBDM_PROPOSED	Block D		6th	R11/366	BEDROOM	13602248.6	100	50	95	87.9	FAIL	300	50	50	24.7	FAIL
CBDM_PROPOSED	Block D		6th	R12/366	LKD	25734379.1	100	50	95	65	FAIL	300	50	50	18.7	FAIL
CBDM_PROPOSED	Block D		6th	R13/366	BEDROOM	9915560.1	100	50	95	100	PASS	300	50	50	31.6	FAIL
CBDM_PROPOSED	Block D		6th	R14/366	BEDROOM	9915560.1	100	50	95	100	PASS	300	50	50	25	FAIL
CBDM_PROPOSED	Block D		6th	R15/366	LKD	25734379.1	100	50	95	58.6	FAIL	300	50	50	17.5	FAIL
CBDM_PROPOSED	Block D		6th	R16/366	LKD	22155540.7	100	50	95	100	PASS	300	50	50	84	PASS
CBDM_PROPOSED	Block D		6th	R17/366	BEDROOM	10794431.6	100	50	95	61.8	FAIL	300	50	50	24.3	FAIL
CBDM_PROPOSED	Block D		6th	R18/366	LKD	27625769.2	100	50	95	100	PASS	300	50	50	60.4	PASS
CBDM_PROPOSED	Block D		6th	R19/366	BEDROOM	12925565	100	50	95	97	PASS	300	50	50	42.6	FAIL
CBDM_PROPOSED	Block D		6th	R20/366	LKD	25539767.7	100	50	95	97.8	PASS	300	50	50	8.3	FAIL
CBDM_PROPOSED	Block D		6th	R21/366	BEDROOM	11954981.4	100	50	95	96.4	PASS	300	50	50	34.6	FAIL
CBDM_PROPOSED	Block D		6th	R22/366	BEDROOM	10483044	100	50	95	94.1	FAIL	300	50	50	36.3	FAIL
CBDM_PROPOSED	Block D		6th	R23/366	BEDROOM	11919618.2	100	50	95	100	PASS	300	50	50	88.7	PASS
CBDM_PROPOSED	Block D		6th	R24/366	BEDROOM	12121027.9	100	50	95	100	PASS	300	50	50	84.6	PASS
CBDM_PROPOSED	Block D		6th	R25/366	BEDROOM	10665121	100	50	95	93.5	FAIL	300	50	50	28.3	FAIL
CBDM_PROPOSED	Block D		7th	R1/367	LKD	32317696.4	100	50	95	100	PASS	300	50	50	99.1	PASS
CBDM_PROPOSED	Block D		7th	R2/367	BEDROOM	10688086.9	100	50	95	100	PASS	300	50	50	98.7	PASS
CBDM_PROPOSED	Block D		7th	R3/367	BEDROOM	12122257.8	100	50	95	100	PASS	300	50	50	86.1	PASS
CBDM_PROPOSED	Block D		7th	R4/367	LKD	30506257.8	100	50	95	100	PASS	300	50	50	46.4	FAIL
CBDM_PROPOSED	Block D		7th	R5/367	LKD	30501323.5	100	50	95	100	PASS	300	50	50	54.6	PASS
CBDM_PROPOSED	Block D		7th	R6/367	BEDROOM	12085662.9	100	50	95	100	PASS	300	50	50	95.7	PASS
CBDM_PROPOSED	Block D		7th	R7/367	BEDROOM	10576059.6	100	50	95	100	PASS	300	50	50	97.3	PASS
CBDM_PROPOSED	Block D		7th	R8/367	LKD	31963740.6	100	50	95	100	PASS	300	50	50	49.3	FAIL
CBDM_PROPOSED	Block D		7th	R9/367	BEDROOM	10124816	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R10/367	BEDROOM	9090758.5	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R11/367	BEDROOM	8795911.5	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R12/367	LKD	34440967.6	100	50	95	100	PASS	300	50	50	65.4	PASS
CBDM_PROPOSED	Block D		7th	R13/367	LKD	25537508.7	100	50	95	100	PASS	300	50	50	97.8	PASS
CBDM_PROPOSED	Block D		7th	R14/367	BEDROOM	11970780.9	100	50	95	100	PASS	300	50	50	56.4	PASS
CBDM_PROPOSED	Block D		7th	R15/367	BEDROOM	10483044	100	50	95	98.3	PASS	300	50	50	63.1	PASS

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block D		7th	R16/367	BEDROOM	11919659.5	100	50	95	100	PASS	300	50	50	74.8	PASS
CBDM_PROPOSED	Block D		7th	R17/367	BEDROOM	12120993.6	100	50	95	100	PASS	300	50	50	71.8	PASS
CBDM_PROPOSED	Block D		7th	R18/367	BEDROOM	10665121	100	50	95	96.1	PASS	300	50	50	44.7	FAIL
CBDM_PROPOSED	Block E		Gnd	R1/370	BEDROOM	10934682.1	100	50	95	38	FAIL	300	50	50	15.2	FAIL
CBDM_PROPOSED	Block E		Gnd	R2/370	LKD	25562001.4	100	50	95	26.3	FAIL	300	50	50	5	FAIL
CBDM_PROPOSED	Block E		Gnd	R3/370	BEDROOM	10906855	100	50	95	45.2	FAIL	300	50	50	17.7	FAIL
CBDM_PROPOSED	Block E		Gnd	R4/370	LKD	24146868.9	100	50	95	23.4	FAIL	300	50	50	4.8	FAIL
CBDM_PROPOSED	Block E		Gnd	R5/370	LKD	26164993	100	50	95	100	PASS	300	50	50	80.9	PASS
CBDM_PROPOSED	Block E		Gnd	R6/370	BEDROOM	9647502.2	100	50	95	100	PASS	300	50	50	59.4	PASS
CBDM_PROPOSED	Block E		Gnd	R7/370	BEDROOM	9647502.2	100	50	95	100	PASS	300	50	50	59.1	PASS
CBDM_PROPOSED	Block E		Gnd	R8/370	LKD	26032305.6	100	50	95	68.2	FAIL	300	50	50	28.8	FAIL
CBDM_PROPOSED	Block E		Gnd	R9/370	BEDROOM	13325931.7	100	50	95	66.2	FAIL	300	50	50	19.9	FAIL
CBDM_PROPOSED	Block E		Gnd	R10/370	BEDROOM	9576257	100	50	95	97	PASS	300	50	50	24.3	FAIL
CBDM_PROPOSED	Block E		Gnd	R11/370	LKD	32672166.4	100	50	95	46.3	FAIL	300	50	50	22.6	FAIL
CBDM_PROPOSED	Block E		Gnd	R12/370	LKD	31120753.1	100	50	95	44.6	FAIL	300	50	50	22.3	FAIL
CBDM_PROPOSED	Block E		Gnd	R13/370	LKD	31218534.4	100	50	95	38.8	FAIL	300	50	50	19.6	FAIL
CBDM_PROPOSED	Block E		Gnd	R14/370	BEDROOM	13325931.7	100	50	95	45.4	FAIL	300	50	50	19.3	FAIL
CBDM_PROPOSED	Block E		Gnd	R15/370	BEDROOM	9576257	100	50	95	82.7	FAIL	300	50	50	21.4	FAIL
CBDM_PROPOSED	Block E		Gnd	R16/370	LKD	32467152.3	100	50	95	39.4	FAIL	300	50	50	22.9	FAIL
CBDM_PROPOSED	Block E		Gnd	R17/370	LKD	30537371.4	100	50	95	47.7	FAIL	300	50	50	20	FAIL
CBDM_PROPOSED	Block E		Gnd	R18/370	BEDROOM	11977280.3	100	50	95	89.1	FAIL	300	50	50	27.7	FAIL
CBDM_PROPOSED	Block E		Gnd	R19/370	BEDROOM	10925608.5	100	50	95	88.8	FAIL	300	50	50	29.1	FAIL
CBDM_PROPOSED	Block E		Gnd	R20/370	BEDROOM	10813379.8	100	50	95	44.7	FAIL	300	50	50	18.2	FAIL
CBDM_PROPOSED	Block E		Gnd	R21/370	BEDROOM	12053237.4	100	50	95	80	FAIL	300	50	50	26.3	FAIL
CBDM_PROPOSED	Block E		Gnd	R22/370	BEDROOM	12063194.9	100	50	95	68	FAIL	300	50	50	26.4	FAIL
CBDM_PROPOSED	Block E		Gnd	R23/370	BEDROOM	10813379.8	100	50	95	48.4	FAIL	300	50	50	16.7	FAIL
CBDM_PROPOSED	Block E		1st	R1/371	BEDROOM	10934682.1	100	50	95	56.7	FAIL	300	50	50	17.7	FAIL
CBDM_PROPOSED	Block E		1st	R2/371	LKD	25562001.4	100	50	95	29.1	FAIL	300	50	50	5	FAIL
CBDM_PROPOSED	Block E		1st	R3/371	BEDROOM	10906855	100	50	95	59.3	FAIL	300	50	50	20.2	FAIL
CBDM_PROPOSED	Block E		1st	R4/371	LKD	24146868.9	100	50	95	95.8	PASS	300	50	50	34.8	FAIL
CBDM_PROPOSED	Block E		1st	R5/371	LKD	26164993	100	50	95	100	PASS	300	50	50	82.7	PASS
CBDM_PROPOSED	Block E		1st	R6/371	BEDROOM	9647502.2	100	50	95	100	PASS	300	50	50	55	PASS
CBDM_PROPOSED	Block E		1st	R7/371	BEDROOM	9647502.2	100	50	95	100	PASS	300	50	50	41.8	FAIL
CBDM_PROPOSED	Block E		1st	R8/371	LKD	26032305.6	100	50	95	69.3	FAIL	300	50	50	23.9	FAIL
CBDM_PROPOSED	Block E		1st	R9/371	BEDROOM	13325931.7	100	50	95	75.6	FAIL	300	50	50	24.1	FAIL
CBDM_PROPOSED	Block E		1st	R10/371	BEDROOM	9576257	100	50	95	97	PASS	300	50	50	24.3	FAIL
CBDM_PROPOSED	Block E		1st	R11/371	LKD	32672166.4	100	50	95	48.1	FAIL	300	50	50	23	FAIL
CBDM_PROPOSED	Block E		1st	R12/371	LKD	31120753.1	100	50	95	47.6	FAIL	300	50	50	23.1	FAIL
CBDM_PROPOSED	Block E		1st	R13/371	LKD	31218534.4	100	50	95	43.6	FAIL	300	50	50	19.6	FAIL
CBDM_PROPOSED	Block E		1st	R14/371	BEDROOM	13325931.7	100	50	95	54.9	FAIL	300	50	50	21.8	FAIL
CBDM_PROPOSED	Block E		1st	R15/371	BEDROOM	9576257	100	50	95	84.9	FAIL	300	50	50	14.1	FAIL
CBDM_PROPOSED	Block E		1st	R16/371	LKD	32467152.3	100	50	95	41.6	FAIL	300	50	50	19	FAIL
CBDM_PROPOSED	Block E		1st	R17/371	LKD	30537371.4	100	50	95	50.9	FAIL	300	50	50	17.7	FAIL
CBDM_PROPOSED	Block E		1st	R18/371	BEDROOM	11977280.3	100	50	95	93.1	FAIL	300	50	50	33.7	FAIL
CBDM_PROPOSED	Block E		1st	R19/371	BEDROOM	10925608.5	100	50	95	97.3	PASS	300	50	50	32.8	FAIL
CBDM_PROPOSED	Block E		1st	R20/371	BEDROOM	10813379.8	100	50	95	58.5	FAIL	300	50	50	19.7	FAIL
CBDM_PROPOSED	Block E		1st	R21/371	BEDROOM	12053237.4	100	50	95	88.6	FAIL	300	50	50	31.8	FAIL
CBDM_PROPOSED	Block E		1st	R22/371	BEDROOM	12063194.9	100	50	95	83.9	FAIL	300	50	50	29.6	FAIL
CBDM_PROPOSED	Block E		1st	R23/371	BEDROOM	10813379.8	100	50	95	59.4	FAIL	300	50	50	18.2	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block E		2nd	R1/372	BEDROOM	10934682.1	100	50	95	71.8	FAIL	300	50	50	22.8	FAIL
CBDM_PROPOSED	Block E		2nd	R2/372	LKD	25562001.4	100	50	95	41.9	FAIL	300	50	50	10.6	FAIL
CBDM_PROPOSED	Block E		2nd	R3/372	BEDROOM	10906855	100	50	95	77	FAIL	300	50	50	25.3	FAIL
CBDM_PROPOSED	Block E		2nd	R4/372	LKD	24146868.9	100	50	95	96.4	PASS	300	50	50	48	FAIL
CBDM_PROPOSED	Block E		2nd	R5/372	LKD	26164993	100	50	95	100	PASS	300	50	50	82.8	PASS
CBDM_PROPOSED	Block E		2nd	R6/372	BEDROOM	9647502.2	100	50	95	100	PASS	300	50	50	56.5	PASS
CBDM_PROPOSED	Block E		2nd	R7/372	BEDROOM	9647502.2	100	50	95	100	PASS	300	50	50	55.6	PASS
CBDM_PROPOSED	Block E		2nd	R8/372	LKD	26032305.6	100	50	95	76.8	FAIL	300	50	50	26.4	FAIL
CBDM_PROPOSED	Block E		2nd	R9/372	BEDROOM	13325931.7	100	50	95	87.7	FAIL	300	50	50	25.1	FAIL
CBDM_PROPOSED	Block E		2nd	R10/372	BEDROOM	9576257	100	50	95	100	PASS	300	50	50	31.4	FAIL
CBDM_PROPOSED	Block E		2nd	R11/372	LKD	32672166.4	100	50	95	55.3	FAIL	300	50	50	27.8	FAIL
CBDM_PROPOSED	Block E		2nd	R12/372	LKD	31120753.1	100	50	95	56.6	FAIL	300	50	50	27.9	FAIL
CBDM_PROPOSED	Block E		2nd	R13/372	LKD	31218534.4	100	50	95	52.9	FAIL	300	50	50	24.8	FAIL
CBDM_PROPOSED	Block E		2nd	R14/372	BEDROOM	13325931.7	100	50	95	67.9	FAIL	300	50	50	23.8	FAIL
CBDM_PROPOSED	Block E		2nd	R15/372	BEDROOM	9576257	100	50	95	97	PASS	300	50	50	20	FAIL
CBDM_PROPOSED	Block E		2nd	R16/372	LKD	32467152.3	100	50	95	50.7	FAIL	300	50	50	23.3	FAIL
CBDM_PROPOSED	Block E		2nd	R17/372	LKD	30537371.4	100	50	95	64.1	FAIL	300	50	50	21.8	FAIL
CBDM_PROPOSED	Block E		2nd	R18/372	BEDROOM	11977280.3	100	50	95	95.2	PASS	300	50	50	38.5	FAIL
CBDM_PROPOSED	Block E		2nd	R19/372	BEDROOM	10925608.5	100	50	95	97.3	PASS	300	50	50	37.2	FAIL
CBDM_PROPOSED	Block E		2nd	R20/372	BEDROOM	10813379.8	100	50	95	78.7	FAIL	300	50	50	22.7	FAIL
CBDM_PROPOSED	Block E		2nd	R21/372	BEDROOM	12053237.4	100	50	95	100	PASS	300	50	50	39.5	FAIL
CBDM_PROPOSED	Block E		2nd	R22/372	BEDROOM	12063194.9	100	50	95	98.8	PASS	300	50	50	39.5	FAIL
CBDM_PROPOSED	Block E		2nd	R23/372	BEDROOM	10813379.8	100	50	95	70.1	FAIL	300	50	50	19.7	FAIL
CBDM_PROPOSED	Block E		3rd	R1/373	BEDROOM	10934682.1	100	50	95	94.7	FAIL	300	50	50	26.5	FAIL
CBDM_PROPOSED	Block E		3rd	R2/373	LKD	25562001.4	100	50	95	40.8	FAIL	300	50	50	5.6	FAIL
CBDM_PROPOSED	Block E		3rd	R3/373	BEDROOM	10906855	100	50	95	95.3	PASS	300	50	50	29.1	FAIL
CBDM_PROPOSED	Block E		3rd	R4/373	LKD	24146868.9	100	50	95	98.2	PASS	300	50	50	46.2	FAIL
CBDM_PROPOSED	Block E		3rd	R5/373	LKD	26164993	100	50	95	100	PASS	300	50	50	83.3	PASS
CBDM_PROPOSED	Block E		3rd	R6/373	BEDROOM	9647502.2	100	50	95	100	PASS	300	50	50	52.2	PASS
CBDM_PROPOSED	Block E		3rd	R7/373	BEDROOM	9647502.2	100	50	95	100	PASS	300	50	50	41.3	FAIL
CBDM_PROPOSED	Block E		3rd	R8/373	LKD	26032305.6	100	50	95	85	FAIL	300	50	50	28.8	FAIL
CBDM_PROPOSED	Block E		3rd	R9/373	BEDROOM	13325931.7	100	50	95	92.6	FAIL	300	50	50	30.2	FAIL
CBDM_PROPOSED	Block E		3rd	R10/373	BEDROOM	9576257	100	50	95	100	PASS	300	50	50	42.3	FAIL
CBDM_PROPOSED	Block E		3rd	R11/373	LKD	32672166.4	100	50	95	64.9	FAIL	300	50	50	31.8	FAIL
CBDM_PROPOSED	Block E		3rd	R12/373	LKD	31120753.1	100	50	95	66.1	FAIL	300	50	50	31.9	FAIL
CBDM_PROPOSED	Block E		3rd	R13/373	LKD	31218534.4	100	50	95	61.2	FAIL	300	50	50	29.2	FAIL
CBDM_PROPOSED	Block E		3rd	R14/373	BEDROOM	13325931.7	100	50	95	78.8	FAIL	300	50	50	24	FAIL
CBDM_PROPOSED	Block E		3rd	R15/373	BEDROOM	9576257	100	50	95	100	PASS	300	50	50	27.2	FAIL
CBDM_PROPOSED	Block E		3rd	R16/373	LKD	32467152.3	100	50	95	58.1	FAIL	300	50	50	27.7	FAIL
CBDM_PROPOSED	Block E		3rd	R17/373	LKD	30537371.4	100	50	95	75.5	FAIL	300	50	50	26.4	FAIL
CBDM_PROPOSED	Block E		3rd	R18/373	BEDROOM	11977280.3	100	50	95	95.2	PASS	300	50	50	44.5	FAIL
CBDM_PROPOSED	Block E		3rd	R19/373	BEDROOM	10925608.5	100	50	95	99.3	PASS	300	50	50	43.8	FAIL
CBDM_PROPOSED	Block E		3rd	R20/373	BEDROOM	10813379.8	100	50	95	92.6	FAIL	300	50	50	25.6	FAIL
CBDM_PROPOSED	Block E		3rd	R21/373	BEDROOM	12053237.4	100	50	95	100	PASS	300	50	50	47.2	FAIL
CBDM_PROPOSED	Block E		3rd	R22/373	BEDROOM	12063194.9	100	50	95	100	PASS	300	50	50	45.1	FAIL
CBDM_PROPOSED	Block E		3rd	R23/373	BEDROOM	10813379.8	100	50	95	91.1	FAIL	300	50	50	24.1	FAIL
CBDM_PROPOSED	Block E		4th	R1/374	BEDROOM	12213080.5	100	50	95	98.5	PASS	300	50	50	39.3	FAIL
CBDM_PROPOSED	Block E		4th	R2/374	BEDROOM	12892026	100	50	95	97.7	PASS	300	50	50	41.9	FAIL
CBDM_PROPOSED	Block E		4th	R3/374	LKD	31257741.1	100	50	95	57.6	FAIL	300	50	50	19.1	FAIL
CBDM_PROPOSED	Block E		4th	R4/374	BEDROOM	13325931.7	100	50	95	95.7	PASS	300	50	50	31.8	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block E		4th	R5/374	BEDROOM	9576257	100	50	95	100	PASS	300	50	50	67.3	PASS
CBDM_PROPOSED	Block E		4th	R6/374	LKD	32672166.4	100	50	95	79.7	FAIL	300	50	50	33.6	FAIL
CBDM_PROPOSED	Block E		4th	R7/374	LKD	31120753.1	100	50	95	85.2	FAIL	300	50	50	34.5	FAIL
CBDM_PROPOSED	Block E		4th	R8/374	LKD	31218534.4	100	50	95	74.2	FAIL	300	50	50	31.4	FAIL
CBDM_PROPOSED	Block E		4th	R9/374	BEDROOM	13325931.7	100	50	95	86.1	FAIL	300	50	50	29	FAIL
CBDM_PROPOSED	Block E		4th	R10/374	BEDROOM	9576257	100	50	95	100	PASS	300	50	50	34.8	FAIL
CBDM_PROPOSED	Block E		4th	R11/374	LKD	32467152.3	100	50	95	66.8	FAIL	300	50	50	30.1	FAIL
CBDM_PROPOSED	Block E		4th	R12/374	LKD	30537371.4	100	50	95	55.9	FAIL	300	50	50	23.6	FAIL
CBDM_PROPOSED	Block E		4th	R13/374	BEDROOM	11977280.3	100	50	95	98.8	PASS	300	50	50	57.8	PASS
CBDM_PROPOSED	Block E		4th	R14/374	BEDROOM	10925608.5	100	50	95	99.5	PASS	300	50	50	45.3	FAIL
CBDM_PROPOSED	Block E		4th	R15/374	BEDROOM	10813379.8	100	50	95	92.6	FAIL	300	50	50	29.2	FAIL
CBDM_PROPOSED	Block E		4th	R16/374	BEDROOM	12053237.4	100	50	95	94.4	FAIL	300	50	50	29.6	FAIL
CBDM_PROPOSED	Block E		4th	R17/374	BEDROOM	12063194.9	100	50	95	94.4	FAIL	300	50	50	26.4	FAIL
CBDM_PROPOSED	Block E		4th	R18/374	BEDROOM	10813379.8	100	50	95	92.6	FAIL	300	50	50	25.6	FAIL
CBDM_PROPOSED	Block E		5th	R1/375	BEDROOM	12213080.5	100	50	95	98.5	PASS	300	50	50	45	FAIL
CBDM_PROPOSED	Block E		5th	R2/375	BEDROOM	12892026	100	50	95	100	PASS	300	50	50	49.1	FAIL
CBDM_PROPOSED	Block E		5th	R3/375	LKD	31257741.1	100	50	95	59.4	FAIL	300	50	50	20	FAIL
CBDM_PROPOSED	Block E		5th	R4/375	BEDROOM	13325931.7	100	50	95	96.6	PASS	300	50	50	31.8	FAIL
CBDM_PROPOSED	Block E		5th	R5/375	BEDROOM	9576257	100	50	95	100	PASS	300	50	50	81.3	PASS
CBDM_PROPOSED	Block E		5th	R6/375	LKD	32672166.4	100	50	95	91.6	FAIL	300	50	50	33.8	FAIL
CBDM_PROPOSED	Block E		5th	R7/375	LKD	31120753.1	100	50	95	99.1	PASS	300	50	50	35.8	FAIL
CBDM_PROPOSED	Block E		5th	R8/375	LKD	31218534.4	100	50	95	90	FAIL	300	50	50	33.5	FAIL
CBDM_PROPOSED	Block E		5th	R9/375	BEDROOM	13325931.7	100	50	95	95.7	PASS	300	50	50	29	FAIL
CBDM_PROPOSED	Block E		5th	R10/375	BEDROOM	9576257	100	50	95	100	PASS	300	50	50	55.4	PASS
CBDM_PROPOSED	Block E		5th	R11/375	LKD	32467152.3	100	50	95	83.8	FAIL	300	50	50	33.3	FAIL
CBDM_PROPOSED	Block E		5th	R12/375	LKD	30537371.4	100	50	95	63.7	FAIL	300	50	50	24.1	FAIL
CBDM_PROPOSED	Block E		5th	R13/375	BEDROOM	11977280.3	100	50	95	100	PASS	300	50	50	65.1	PASS
CBDM_PROPOSED	Block E		5th	R14/375	BEDROOM	10925608.5	100	50	95	99.5	PASS	300	50	50	53.4	PASS
CBDM_PROPOSED	Block E		5th	R15/375	BEDROOM	10813379.8	100	50	95	93.3	FAIL	300	50	50	31.4	FAIL
CBDM_PROPOSED	Block E		5th	R16/375	BEDROOM	12053237.4	100	50	95	94.4	FAIL	300	50	50	34	FAIL
CBDM_PROPOSED	Block E		5th	R17/375	BEDROOM	12063194.9	100	50	95	94.4	FAIL	300	50	50	29.6	FAIL
CBDM_PROPOSED	Block E		5th	R18/375	BEDROOM	10813379.8	100	50	95	92.6	FAIL	300	50	50	25.6	FAIL
CBDM_PROPOSED	Block E		6th	R1/376	BEDROOM	12213080.5	100	50	95	99.6	PASS	300	50	50	49.4	FAIL
CBDM_PROPOSED	Block E		6th	R2/376	BEDROOM	12892026	100	50	95	100	PASS	300	50	50	52.4	PASS
CBDM_PROPOSED	Block E		6th	R3/376	LKD	31257741.1	100	50	95	52.4	FAIL	300	50	50	15.6	FAIL
CBDM_PROPOSED	Block E		6th	R4/376	BEDROOM	13325931.7	100	50	95	96.5	PASS	300	50	50	32.7	FAIL
CBDM_PROPOSED	Block E		6th	R5/376	BEDROOM	9576257	100	50	95	100	PASS	300	50	50	91.3	PASS
CBDM_PROPOSED	Block E		6th	R6/376	LKD	32672166.4	100	50	95	98.4	PASS	300	50	50	34.7	FAIL
CBDM_PROPOSED	Block E		6th	R7/376	LKD	31120753.1	100	50	95	100	PASS	300	50	50	38.9	FAIL
CBDM_PROPOSED	Block E		6th	R8/376	LKD	31218534.4	100	50	95	99.1	PASS	300	50	50	34.4	FAIL
CBDM_PROPOSED	Block E		6th	R9/376	BEDROOM	13325931.7	100	50	95	97.5	PASS	300	50	50	32	FAIL
CBDM_PROPOSED	Block E		6th	R10/376	BEDROOM	9576257	100	50	95	100	PASS	300	50	50	37.8	FAIL
CBDM_PROPOSED	Block E		6th	R11/376	LKD	32467152.3	100	50	95	83.8	FAIL	300	50	50	29.7	FAIL
CBDM_PROPOSED	Block E		6th	R12/376	LKD	30537371.4	100	50	95	61.8	FAIL	300	50	50	21.8	FAIL
CBDM_PROPOSED	Block E		6th	R13/376	BEDROOM	11977280.3	100	50	95	100	PASS	300	50	50	76.9	PASS
CBDM_PROPOSED	Block E		6th	R14/376	BEDROOM	10925608.5	100	50	95	99.5	PASS	300	50	50	59	PASS
CBDM_PROPOSED	Block E		6th	R15/376	BEDROOM	10813379.8	100	50	95	93.3	FAIL	300	50	50	32.9	FAIL
CBDM_PROPOSED	Block E		6th	R16/376	BEDROOM	12053237.4	100	50	95	95.6	PASS	300	50	50	34.6	FAIL
CBDM_PROPOSED	Block E		6th	R17/376	BEDROOM	12063194.9	100	50	95	94.4	FAIL	300	50	50	31.8	FAIL
CBDM_PROPOSED	Block E		6th	R18/376	BEDROOM	10813379.8	100	50	95	92.8	FAIL	300	50	50	27.8	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block E		7th	R1/377	BEDROOM	12871000.5	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block E		7th	R2/377	BEDROOM	9576257	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block E		7th	R3/377	LKD	32672166.4	100	50	95	100	PASS	300	50	50	58.9	PASS
CBDM_PROPOSED	Block E		7th	R4/377	LKD	31120753.1	100	50	95	100	PASS	300	50	50	62.7	PASS
CBDM_PROPOSED	Block E		7th	R5/377	LKD	31218534.4	100	50	95	100	PASS	300	50	50	62.1	PASS
CBDM_PROPOSED	Block E		7th	R6/377	BEDROOM	12871000.5	100	50	95	100	PASS	300	50	50	91.2	PASS
CBDM_PROPOSED	Block E		7th	R7/377	BEDROOM	9576257	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block E		7th	R8/377	LKD	32467152.3	100	50	95	100	PASS	300	50	50	71.1	PASS
CBDM_PROPOSED	Block E		7th	R9/377	BEDROOM	10813379.8	100	50	95	99.5	PASS	300	50	50	96.7	PASS
CBDM_PROPOSED	Block E		7th	R10/377	BEDROOM	12053237.4	100	50	95	100	PASS	300	50	50	76.3	PASS
CBDM_PROPOSED	Block E		7th	R11/377	BEDROOM	12063194.9	100	50	95	100	PASS	300	50	50	77.7	PASS
CBDM_PROPOSED	Block E		7th	R12/377	BEDROOM	10813379.8	100	50	95	99.5	PASS	300	50	50	95.9	PASS
CBDM_PROPOSED	Block F		Gnd	R1/380	BEDROOM	12879126	100	50	95	100	PASS	300	50	50	50.3	PASS
CBDM_PROPOSED	Block F		Gnd	R2/380	LKD	26992074.9	100	50	95	97.6	PASS	300	50	50	52	PASS
CBDM_PROPOSED	Block F		Gnd	R3/380	BEDROOM	10885324.8	100	50	95	26.5	FAIL	300	50	50	11.1	FAIL
CBDM_PROPOSED	Block F		Gnd	R4/380	LKD	21892992.6	100	50	95	64.5	FAIL	300	50	50	15.7	FAIL
CBDM_PROPOSED	Block F		Gnd	R5/380	LKD	26185569.1	100	50	95	36.8	FAIL	300	50	50	17.9	FAIL
CBDM_PROPOSED	Block F		Gnd	R6/380	BEDROOM	9663837.7	100	50	95	85.3	FAIL	300	50	50	21.7	FAIL
CBDM_PROPOSED	Block F		Gnd	R7/380	BEDROOM	9680339.4	100	50	95	83.7	FAIL	300	50	50	23.3	FAIL
CBDM_PROPOSED	Block F		Gnd	R8/380	LKD	25875377.7	100	50	95	35.7	FAIL	300	50	50	16	FAIL
CBDM_PROPOSED	Block F		Gnd	R9/380	BEDROOM	13587975.9	100	50	95	26.8	FAIL	300	50	50	8	FAIL
CBDM_PROPOSED	Block F		Gnd	R10/380	BEDROOM	9990517.6	100	50	95	78.5	FAIL	300	50	50	15.4	FAIL
CBDM_PROPOSED	Block F		Gnd	R11/380	LKD	32130816.6	100	50	95	37.9	FAIL	300	50	50	19.1	FAIL
CBDM_PROPOSED	Block F		Gnd	R12/380	LKD	31047565.6	100	50	95	38.6	FAIL	300	50	50	19	FAIL
CBDM_PROPOSED	Block F		Gnd	R13/380	LKD	30901180	100	50	95	42.8	FAIL	300	50	50	22.3	FAIL
CBDM_PROPOSED	Block F		Gnd	R14/380	STUDIO	30647328.1	100	50	95	53.1	FAIL	300	50	50	23.3	FAIL
CBDM_PROPOSED	Block F		Gnd	R15/380	LKD	23875503.7	100	50	95	43.3	FAIL	300	50	50	15.9	FAIL
CBDM_PROPOSED	Block F		Gnd	R16/380	BEDROOM	10462786.7	100	50	95	36.7	FAIL	300	50	50	14.7	FAIL
CBDM_PROPOSED	Block F		Gnd	R17/380	BEDROOM	13447330.7	100	50	95	35.5	FAIL	300	50	50	9.9	FAIL
CBDM_PROPOSED	Block F		Gnd	R18/380	BEDROOM	9968764.3	100	50	95	100	PASS	300	50	50	59.9	PASS
CBDM_PROPOSED	Block F		Gnd	R19/380	LKD	32253994.7	100	50	95	96.5	PASS	300	50	50	40.4	FAIL
CBDM_PROPOSED	Block F		Gnd	R20/380	LKD	25576745.4	100	50	95	96	PASS	300	50	50	43.9	FAIL
CBDM_PROPOSED	Block F		Gnd	R21/380	BEDROOM	11411347.8	100	50	95	69.5	FAIL	300	50	50	13.4	FAIL
CBDM_PROPOSED	Block F		Gnd	R22/380	LKD	25749175.6	100	50	95	72.9	FAIL	300	50	50	11.1	FAIL
CBDM_PROPOSED	Block F		Gnd	R23/380	BEDROOM	11278206.1	100	50	95	58.3	FAIL	300	50	50	11.4	FAIL
CBDM_PROPOSED	Block F		Gnd	R24/380	BEDROOM	10729963.6	100	50	95	41.6	FAIL	300	50	50	11.9	FAIL
CBDM_PROPOSED	Block F		Gnd	R25/380	BEDROOM	11931332	100	50	95	100	PASS	300	50	50	49.1	FAIL
CBDM_PROPOSED	Block F		Gnd	R26/380	BEDROOM	11883136.9	100	50	95	100	PASS	300	50	50	52.4	PASS
CBDM_PROPOSED	Block F		Gnd	R27/380	BEDROOM	9662368.9	100	50	95	57.3	FAIL	300	50	50	15.2	FAIL
CBDM_PROPOSED	Block F		Gnd	R28/380	LKD	24743607.6	100	50	95	62.9	FAIL	300	50	50	16.9	FAIL
CBDM_PROPOSED	Block F		Gnd	R29/380	BEDROOM	11020025.7	100	50	95	71.8	FAIL	300	50	50	18	FAIL
CBDM_PROPOSED	Block F		1st	R1/381	BEDROOM	12879126	100	50	95	100	PASS	300	50	50	67.2	PASS
CBDM_PROPOSED	Block F		1st	R2/381	LKD	26992074.9	100	50	95	99.5	PASS	300	50	50	56.1	PASS
CBDM_PROPOSED	Block F		1st	R3/381	BEDROOM	10885324.8	100	50	95	27.7	FAIL	300	50	50	11.1	FAIL
CBDM_PROPOSED	Block F		1st	R4/381	LKD	21892992.6	100	50	95	70.9	FAIL	300	50	50	15.1	FAIL
CBDM_PROPOSED	Block F		1st	R5/381	LKD	26185569.1	100	50	95	37.8	FAIL	300	50	50	15.8	FAIL
CBDM_PROPOSED	Block F		1st	R6/381	BEDROOM	9663837.7	100	50	95	89.9	FAIL	300	50	50	20.3	FAIL
CBDM_PROPOSED	Block F		1st	R7/381	BEDROOM	9680339.4	100	50	95	85.3	FAIL	300	50	50	20.3	FAIL
CBDM_PROPOSED	Block F		1st	R8/381	LKD	25875377.7	100	50	95	39.4	FAIL	300	50	50	14.8	FAIL
CBDM_PROPOSED	Block F		1st	R9/381	BEDROOM	13587975.9	100	50	95	31.8	FAIL	300	50	50	9	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block F		1st	R10/381	BEDROOM	9990517.6	100	50	95	100	PASS	300	50	50	37.5	FAIL
CBDM_PROPOSED	Block F		1st	R11/381	LKD	32130816.6	100	50	95	39.7	FAIL	300	50	50	17.3	FAIL
CBDM_PROPOSED	Block F		1st	R12/381	LKD	31047565.6	100	50	95	40.4	FAIL	300	50	50	18.1	FAIL
CBDM_PROPOSED	Block F		1st	R13/381	LKD	30901180	100	50	95	44.6	FAIL	300	50	50	19.6	FAIL
CBDM_PROPOSED	Block F		1st	R14/381	STUDIO	30647328.1	100	50	95	57.4	FAIL	300	50	50	23.3	FAIL
CBDM_PROPOSED	Block F		1st	R15/381	LKD	23875503.7	100	50	95	22	FAIL	300	50	50	6.7	FAIL
CBDM_PROPOSED	Block F		1st	R16/381	BEDROOM	10462786.7	100	50	95	40.4	FAIL	300	50	50	14.7	FAIL
CBDM_PROPOSED	Block F		1st	R17/381	BEDROOM	13447330.7	100	50	95	38.9	FAIL	300	50	50	11.9	FAIL
CBDM_PROPOSED	Block F		1st	R18/381	BEDROOM	9968764.3	100	50	95	100	PASS	300	50	50	57.5	PASS
CBDM_PROPOSED	Block F		1st	R19/381	LKD	32253994.7	100	50	95	97.4	PASS	300	50	50	40.5	FAIL
CBDM_PROPOSED	Block F		1st	R20/381	LKD	25576745.4	100	50	95	100	PASS	300	50	50	41.7	FAIL
CBDM_PROPOSED	Block F		1st	R21/381	BEDROOM	11411347.8	100	50	95	82.9	FAIL	300	50	50	15.6	FAIL
CBDM_PROPOSED	Block F		1st	R22/381	LKD	25749175.6	100	50	95	86	FAIL	300	50	50	8.3	FAIL
CBDM_PROPOSED	Block F		1st	R23/381	BEDROOM	11278206.1	100	50	95	63.4	FAIL	300	50	50	12.7	FAIL
CBDM_PROPOSED	Block F		1st	R24/381	BEDROOM	10729963.6	100	50	95	74.3	FAIL	300	50	50	14.9	FAIL
CBDM_PROPOSED	Block F		1st	R25/381	BEDROOM	11931332	100	50	95	100	PASS	300	50	50	77.1	PASS
CBDM_PROPOSED	Block F		1st	R26/381	BEDROOM	11883136.9	100	50	95	100	PASS	300	50	50	80	PASS
CBDM_PROPOSED	Block F		1st	R27/381	BEDROOM	9662368.9	100	50	95	87	FAIL	300	50	50	22.8	FAIL
CBDM_PROPOSED	Block F		1st	R28/381	LKD	24743607.6	100	50	95	83	FAIL	300	50	50	15.7	FAIL
CBDM_PROPOSED	Block F		1st	R29/381	BEDROOM	11020025.7	100	50	95	63.6	FAIL	300	50	50	15.7	FAIL
CBDM_PROPOSED	Block F		2nd	R1/382	BEDROOM	12879126	100	50	95	100	PASS	300	50	50	74.7	PASS
CBDM_PROPOSED	Block F		2nd	R2/382	LKD	26992074.9	100	50	95	99.6	PASS	300	50	50	58	PASS
CBDM_PROPOSED	Block F		2nd	R3/382	BEDROOM	10885324.8	100	50	95	30.1	FAIL	300	50	50	11.1	FAIL
CBDM_PROPOSED	Block F		2nd	R4/382	LKD	21892992.6	100	50	95	76.7	FAIL	300	50	50	17	FAIL
CBDM_PROPOSED	Block F		2nd	R5/382	LKD	26185569.1	100	50	95	42.5	FAIL	300	50	50	18.4	FAIL
CBDM_PROPOSED	Block F		2nd	R6/382	BEDROOM	9663837.7	100	50	95	97.5	PASS	300	50	50	23.2	FAIL
CBDM_PROPOSED	Block F		2nd	R7/382	BEDROOM	9680339.4	100	50	95	95.6	PASS	300	50	50	23.3	FAIL
CBDM_PROPOSED	Block F		2nd	R8/382	LKD	25875377.7	100	50	95	44.3	FAIL	300	50	50	18.5	FAIL
CBDM_PROPOSED	Block F		2nd	R9/382	BEDROOM	13587975.9	100	50	95	34.9	FAIL	300	50	50	9.9	FAIL
CBDM_PROPOSED	Block F		2nd	R10/382	BEDROOM	9990517.6	100	50	95	100	PASS	300	50	50	42.6	FAIL
CBDM_PROPOSED	Block F		2nd	R11/382	LKD	32130816.6	100	50	95	44.5	FAIL	300	50	50	19.3	FAIL
CBDM_PROPOSED	Block F		2nd	R12/382	LKD	31047565.6	100	50	95	45.4	FAIL	300	50	50	19.9	FAIL
CBDM_PROPOSED	Block F		2nd	R13/382	LKD	30901180	100	50	95	48.7	FAIL	300	50	50	21.8	FAIL
CBDM_PROPOSED	Block F		2nd	R14/382	STUDIO	30647328.1	100	50	95	58.9	FAIL	300	50	50	25.1	FAIL
CBDM_PROPOSED	Block F		2nd	R15/382	LKD	23875503.7	100	50	95	24	FAIL	300	50	50	7.9	FAIL
CBDM_PROPOSED	Block F		2nd	R16/382	BEDROOM	10462786.7	100	50	95	46.4	FAIL	300	50	50	15.9	FAIL
CBDM_PROPOSED	Block F		2nd	R17/382	BEDROOM	13447330.7	100	50	95	39.9	FAIL	300	50	50	11.9	FAIL
CBDM_PROPOSED	Block F		2nd	R18/382	BEDROOM	9968764.3	100	50	95	100	PASS	300	50	50	64	PASS
CBDM_PROPOSED	Block F		2nd	R19/382	LKD	32253994.7	100	50	95	98	PASS	300	50	50	44.4	FAIL
CBDM_PROPOSED	Block F		2nd	R20/382	LKD	25576745.4	100	50	95	100	PASS	300	50	50	45	FAIL
CBDM_PROPOSED	Block F		2nd	R21/382	BEDROOM	11411347.8	100	50	95	93.1	FAIL	300	50	50	17.9	FAIL
CBDM_PROPOSED	Block F		2nd	R22/382	LKD	25749175.6	100	50	95	98.9	PASS	300	50	50	11.7	FAIL
CBDM_PROPOSED	Block F		2nd	R23/382	BEDROOM	11278206.1	100	50	95	81	FAIL	300	50	50	14	FAIL
CBDM_PROPOSED	Block F		2nd	R24/382	BEDROOM	10729963.6	100	50	95	88.7	FAIL	300	50	50	16.4	FAIL
CBDM_PROPOSED	Block F		2nd	R25/382	BEDROOM	11931332	100	50	95	100	PASS	300	50	50	84.3	PASS
CBDM_PROPOSED	Block F		2nd	R26/382	BEDROOM	11883136.9	100	50	95	100	PASS	300	50	50	84.6	PASS
CBDM_PROPOSED	Block F		2nd	R27/382	BEDROOM	9662368.9	100	50	95	88.4	FAIL	300	50	50	24.1	FAIL
CBDM_PROPOSED	Block F		2nd	R28/382	LKD	24743607.6	100	50	95	99.4	PASS	300	50	50	18	FAIL
CBDM_PROPOSED	Block F		2nd	R29/382	BEDROOM	11020025.7	100	50	95	83.5	FAIL	300	50	50	16.8	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block F		3rd	R1/383	BEDROOM	12879126	100	50	95	100	PASS	300	50	50	77.9	PASS
CBDM_PROPOSED	Block F		3rd	R2/383	LKD	26992074.9	100	50	95	100	PASS	300	50	50	59.7	PASS
CBDM_PROPOSED	Block F		3rd	R3/383	BEDROOM	10885324.8	100	50	95	37.5	FAIL	300	50	50	14.8	FAIL
CBDM_PROPOSED	Block F		3rd	R4/383	LKD	21892992.6	100	50	95	79.9	FAIL	300	50	50	20.8	FAIL
CBDM_PROPOSED	Block F		3rd	R5/383	LKD	26185569.1	100	50	95	47.8	FAIL	300	50	50	20.5	FAIL
CBDM_PROPOSED	Block F		3rd	R6/383	BEDROOM	9663837.7	100	50	95	98.5	PASS	300	50	50	30.6	FAIL
CBDM_PROPOSED	Block F		3rd	R7/383	BEDROOM	9680339.4	100	50	95	100	PASS	300	50	50	29.1	FAIL
CBDM_PROPOSED	Block F		3rd	R8/383	LKD	25875377.7	100	50	95	49.9	FAIL	300	50	50	21.6	FAIL
CBDM_PROPOSED	Block F		3rd	R9/383	BEDROOM	13587975.9	100	50	95	38	FAIL	300	50	50	11.9	FAIL
CBDM_PROPOSED	Block F		3rd	R10/383	BEDROOM	9990517.6	100	50	95	100	PASS	300	50	50	51	PASS
CBDM_PROPOSED	Block F		3rd	R11/383	LKD	32130816.6	100	50	95	48.2	FAIL	300	50	50	22.1	FAIL
CBDM_PROPOSED	Block F		3rd	R12/383	LKD	31047565.6	100	50	95	50	FAIL	300	50	50	20.9	FAIL
CBDM_PROPOSED	Block F		3rd	R13/383	LKD	30901180	100	50	95	52.8	FAIL	300	50	50	23.7	FAIL
CBDM_PROPOSED	Block F		3rd	R14/383	STUDIO	30647328.1	100	50	95	60.7	FAIL	300	50	50	29.1	FAIL
CBDM_PROPOSED	Block F		3rd	R15/383	LKD	23875503.7	100	50	95	29.4	FAIL	300	50	50	7.9	FAIL
CBDM_PROPOSED	Block F		3rd	R16/383	BEDROOM	10462786.7	100	50	95	50.7	FAIL	300	50	50	15.9	FAIL
CBDM_PROPOSED	Block F		3rd	R17/383	BEDROOM	13447330.7	100	50	95	42.9	FAIL	300	50	50	11.9	FAIL
CBDM_PROPOSED	Block F		3rd	R18/383	BEDROOM	9968764.3	100	50	95	100	PASS	300	50	50	71.8	PASS
CBDM_PROPOSED	Block F		3rd	R19/383	LKD	32253994.7	100	50	95	99.5	PASS	300	50	50	48	FAIL
CBDM_PROPOSED	Block F		3rd	R20/383	LKD	25576745.4	100	50	95	100	PASS	300	50	50	47.4	FAIL
CBDM_PROPOSED	Block F		3rd	R21/383	BEDROOM	11411347.8	100	50	95	93.1	FAIL	300	50	50	19.1	FAIL
CBDM_PROPOSED	Block F		3rd	R22/383	LKD	25749175.6	100	50	95	98.9	PASS	300	50	50	12.2	FAIL
CBDM_PROPOSED	Block F		3rd	R23/383	BEDROOM	11278206.1	100	50	95	87.4	FAIL	300	50	50	16.5	FAIL
CBDM_PROPOSED	Block F		3rd	R24/383	BEDROOM	10729963.6	100	50	95	88.7	FAIL	300	50	50	17.9	FAIL
CBDM_PROPOSED	Block F		3rd	R25/383	BEDROOM	11931332	100	50	95	100	PASS	300	50	50	92.1	PASS
CBDM_PROPOSED	Block F		3rd	R26/383	BEDROOM	11883136.9	100	50	95	100	PASS	300	50	50	93.2	PASS
CBDM_PROPOSED	Block F		3rd	R27/383	BEDROOM	9662368.9	100	50	95	88.4	FAIL	300	50	50	26.8	FAIL
CBDM_PROPOSED	Block F		3rd	R28/383	LKD	24743607.6	100	50	95	100	PASS	300	50	50	21.5	FAIL
CBDM_PROPOSED	Block F		3rd	R29/383	BEDROOM	11020025.7	100	50	95	85.8	FAIL	300	50	50	19.1	FAIL
CBDM_PROPOSED	Block F		4th	R1/384	BEDROOM	12879126	100	50	95	100	PASS	300	50	50	80	PASS
CBDM_PROPOSED	Block F		4th	R2/384	LKD	26992074.9	100	50	95	100	PASS	300	50	50	60.7	PASS
CBDM_PROPOSED	Block F		4th	R3/384	BEDROOM	10885324.8	100	50	95	44.9	FAIL	300	50	50	18.4	FAIL
CBDM_PROPOSED	Block F		4th	R4/384	LKD	21892992.6	100	50	95	90.5	FAIL	300	50	50	39.3	FAIL
CBDM_PROPOSED	Block F		4th	R5/384	LKD	26185569.1	100	50	95	54.1	FAIL	300	50	50	27.3	FAIL
CBDM_PROPOSED	Block F		4th	R6/384	BEDROOM	9663837.7	100	50	95	100	PASS	300	50	50	60	PASS
CBDM_PROPOSED	Block F		4th	R7/384	BEDROOM	9680339.4	100	50	95	100	PASS	300	50	50	36.4	FAIL
CBDM_PROPOSED	Block F		4th	R8/384	LKD	25875377.7	100	50	95	54.2	FAIL	300	50	50	22.2	FAIL
CBDM_PROPOSED	Block F		4th	R9/384	BEDROOM	13587975.9	100	50	95	39.9	FAIL	300	50	50	11.9	FAIL
CBDM_PROPOSED	Block F		4th	R10/384	BEDROOM	9990517.6	100	50	95	100	PASS	300	50	50	62.7	PASS
CBDM_PROPOSED	Block F		4th	R11/384	LKD	32130816.6	100	50	95	52.9	FAIL	300	50	50	25.3	FAIL
CBDM_PROPOSED	Block F		4th	R12/384	LKD	31047565.6	100	50	95	53.6	FAIL	300	50	50	24.9	FAIL
CBDM_PROPOSED	Block F		4th	R13/384	LKD	30901180	100	50	95	56.4	FAIL	300	50	50	25.5	FAIL
CBDM_PROPOSED	Block F		4th	R14/384	STUDIO	30647328.1	100	50	95	61.6	FAIL	300	50	50	29.1	FAIL
CBDM_PROPOSED	Block F		4th	R15/384	LKD	23875503.7	100	50	95	33.9	FAIL	300	50	50	7.9	FAIL
CBDM_PROPOSED	Block F		4th	R16/384	BEDROOM	10462786.7	100	50	95	56.5	FAIL	300	50	50	17.1	FAIL
CBDM_PROPOSED	Block F		4th	R17/384	BEDROOM	13447330.7	100	50	95	48.8	FAIL	300	50	50	11.9	FAIL
CBDM_PROPOSED	Block F		4th	R18/384	BEDROOM	9968764.3	100	50	95	100	PASS	300	50	50	79	PASS
CBDM_PROPOSED	Block F		4th	R19/384	LKD	32253994.7	100	50	95	100	PASS	300	50	50	49.9	FAIL
CBDM_PROPOSED	Block F		4th	R20/384	LKD	25576745.4	100	50	95	100	PASS	300	50	50	50.7	PASS
CBDM_PROPOSED	Block F		4th	R21/384	BEDROOM	11411347.8	100	50	95	93.1	FAIL	300	50	50	19.1	FAIL
CBDM_PROPOSED	Block F		4th	R22/384	LKD	25749175.6	100	50	95	98.9	PASS	300	50	50	12.8	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block F		4th	R23/384	BEDROOM	11278206.1	100	50	95	87.4	FAIL	300	50	50	17.8	FAIL
CBDM_PROPOSED	Block F		4th	R24/384	BEDROOM	10729963.6	100	50	95	88.7	FAIL	300	50	50	19.3	FAIL
CBDM_PROPOSED	Block F		4th	R25/384	BEDROOM	11931332	100	50	95	100	PASS	300	50	50	96.6	PASS
CBDM_PROPOSED	Block F		4th	R26/384	BEDROOM	11883136.9	100	50	95	100	PASS	300	50	50	96.5	PASS
CBDM_PROPOSED	Block F		4th	R27/384	BEDROOM	9662368.9	100	50	95	89.3	FAIL	300	50	50	27.3	FAIL
CBDM_PROPOSED	Block F		4th	R28/384	LKD	24743607.6	100	50	95	99.4	PASS	300	50	50	23.3	FAIL
CBDM_PROPOSED	Block F		4th	R29/384	BEDROOM	11020025.7	100	50	95	85.8	FAIL	300	50	50	19.1	FAIL
CBDM_PROPOSED	Block F		5th	R1/385	BEDROOM	12879126	100	50	95	100	PASS	300	50	50	99.2	PASS
CBDM_PROPOSED	Block F		5th	R2/385	LKD	26992074.9	100	50	95	100	PASS	300	50	50	95.4	PASS
CBDM_PROPOSED	Block F		5th	R3/385	BEDROOM	9680339.4	100	50	95	100	PASS	300	50	50	88.4	PASS
CBDM_PROPOSED	Block F		5th	R4/385	LKD	25875377.7	100	50	95	88.5	FAIL	300	50	50	44.4	FAIL
CBDM_PROPOSED	Block F		5th	R5/385	BEDROOM	13587975.9	100	50	95	68.3	FAIL	300	50	50	11.9	FAIL
CBDM_PROPOSED	Block F		5th	R6/385	BEDROOM	9990517.6	100	50	95	100	PASS	300	50	50	98.7	PASS
CBDM_PROPOSED	Block F		5th	R7/385	LKD	32130816.6	100	50	95	88.3	FAIL	300	50	50	37.6	FAIL
CBDM_PROPOSED	Block F		5th	R8/385	LKD	31047565.6	100	50	95	91.3	FAIL	300	50	50	39.5	FAIL
CBDM_PROPOSED	Block F		5th	R9/385	LKD	30901180	100	50	95	96.8	PASS	300	50	50	38.7	FAIL
CBDM_PROPOSED	Block F		5th	R10/385	STUDIO	30647328.1	100	50	95	65.2	FAIL	300	50	50	51.5	PASS
CBDM_PROPOSED	Block F		5th	R11/385	LKD	23875503.7	100	50	95	72.8	FAIL	300	50	50	35.4	FAIL
CBDM_PROPOSED	Block F		5th	R12/385	BEDROOM	10462786.7	100	50	95	86.4	FAIL	300	50	50	19.6	FAIL
CBDM_PROPOSED	Block F		5th	R13/385	BEDROOM	13447330.7	100	50	95	74.8	FAIL	300	50	50	12.9	FAIL
CBDM_PROPOSED	Block F		5th	R14/385	BEDROOM	9968764.3	100	50	95	100	PASS	300	50	50	75	PASS
CBDM_PROPOSED	Block F		5th	R15/385	LKD	32253994.7	100	50	95	100	PASS	300	50	50	72.7	PASS
CBDM_PROPOSED	Block F		5th	R16/385	LKD	25576745.4	100	50	95	100	PASS	300	50	50	89.8	PASS
CBDM_PROPOSED	Block F		5th	R17/385	BEDROOM	11411347.8	100	50	95	97.7	PASS	300	50	50	25.9	FAIL
CBDM_PROPOSED	Block F		5th	R18/385	LKD	25749175.6	100	50	95	100	PASS	300	50	50	72.6	PASS
CBDM_PROPOSED	Block F		5th	R19/385	BEDROOM	11278206.1	100	50	95	88.6	FAIL	300	50	50	20.3	FAIL
CBDM_PROPOSED	Block F		5th	R20/385	BEDROOM	10729963.6	100	50	95	92.3	FAIL	300	50	50	26.8	FAIL
CBDM_PROPOSED	Block F		5th	R21/385	BEDROOM	11931332	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R22/385	BEDROOM	11883136.9	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R23/385	BEDROOM	9662368.9	100	50	95	98.2	PASS	300	50	50	39.2	FAIL
CBDM_PROPOSED	Block F		5th	R24/385	LKD	24743607.6	100	50	95	100	PASS	300	50	50	93.4	PASS
CBDM_PROPOSED	Block F		5th	R25/385	BEDROOM	11020025.7	100	50	95	100	PASS	300	50	50	65.7	PASS
CBDM_PROPOSED	Block F		Gnd	R1/390	BEDROOM	11278206.1	100	50	95	89.9	FAIL	300	50	50	20.3	FAIL
CBDM_PROPOSED	Block F		Gnd	R2/390	LKD	25778698	100	50	95	100	PASS	300	50	50	27.8	FAIL
CBDM_PROPOSED	Block F		Gnd	R3/390	BEDROOM	11436240.3	100	50	95	90.7	FAIL	300	50	50	17.9	FAIL
CBDM_PROPOSED	Block F		Gnd	R4/390	LKD	25489345	100	50	95	100	PASS	300	50	50	67.7	PASS
CBDM_PROPOSED	Block F		Gnd	R5/390	LKD	32289064.8	100	50	95	100	PASS	300	50	50	53.7	PASS
CBDM_PROPOSED	Block F		Gnd	R6/390	BEDROOM	9977009.9	100	50	95	100	PASS	300	50	50	72	PASS
CBDM_PROPOSED	Block F		Gnd	R7/390	BEDROOM	13472161.4	100	50	95	32.6	FAIL	300	50	50	9.9	FAIL
CBDM_PROPOSED	Block F		Gnd	R8/390	BEDROOM	10462786.7	100	50	95	25.8	FAIL	300	50	50	12.3	FAIL
CBDM_PROPOSED	Block F		Gnd	R9/390	LKD	23808956.7	100	50	95	39.3	FAIL	300	50	50	11	FAIL
CBDM_PROPOSED	Block F		Gnd	R10/390	STUDIO	30647328.1	100	50	95	58.2	FAIL	300	50	50	21.5	FAIL
CBDM_PROPOSED	Block F		Gnd	R11/390	LKD	30901183.4	100	50	95	45.1	FAIL	300	50	50	17.7	FAIL
CBDM_PROPOSED	Block F		Gnd	R12/390	LKD	30901975.6	100	50	95	38.7	FAIL	300	50	50	15	FAIL
CBDM_PROPOSED	Block F		Gnd	R13/390	LKD	32327871	100	50	95	39.7	FAIL	300	50	50	15.2	FAIL
CBDM_PROPOSED	Block F		Gnd	R14/390	BEDROOM	9968764.3	100	50	95	100	PASS	300	50	50	28.4	FAIL
CBDM_PROPOSED	Block F		Gnd	R15/390	BEDROOM	13587203	100	50	95	21.8	FAIL	300	50	50	8	FAIL
CBDM_PROPOSED	Block F		Gnd	R16/390	LKD	25773252.5	100	50	95	38.8	FAIL	300	50	50	14.2	FAIL
CBDM_PROPOSED	Block F		Gnd	R17/390	BEDROOM	9675558.4	100	50	95	85.5	FAIL	300	50	50	18.9	FAIL
CBDM_PROPOSED	Block F		Gnd	R18/390	BEDROOM	9680339.4	100	50	95	82.3	FAIL	300	50	50	21.9	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block F		Gnd	R19/390	LKD	25846276.3	100	50	95	38.7	FAIL	300	50	50	15.4	FAIL
CBDM_PROPOSED	Block F		Gnd	R20/390	LKD	21898919.4	100	50	95	73.4	FAIL	300	50	50	18.9	FAIL
CBDM_PROPOSED	Block F		Gnd	R21/390	BEDROOM	10803476	100	50	95	9.8	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block F		Gnd	R22/390	LKD	26917647.1	100	50	95	99.5	PASS	300	50	50	53.9	PASS
CBDM_PROPOSED	Block F		Gnd	R23/390	BEDROOM	12879126	100	50	95	100	PASS	300	50	50	71.7	PASS
CBDM_PROPOSED	Block F		Gnd	R24/390	BEDROOM	11020025.7	100	50	95	88.2	FAIL	300	50	50	20.3	FAIL
CBDM_PROPOSED	Block F		Gnd	R25/390	LKD	24743607.6	100	50	95	100	PASS	300	50	50	46.5	FAIL
CBDM_PROPOSED	Block F		Gnd	R26/390	BEDROOM	9629516.5	100	50	95	88.4	FAIL	300	50	50	26.7	FAIL
CBDM_PROPOSED	Block F		Gnd	R27/390	BEDROOM	11928908.4	100	50	95	100	PASS	300	50	50	97.7	PASS
CBDM_PROPOSED	Block F		Gnd	R28/390	BEDROOM	11940252.8	100	50	95	100	PASS	300	50	50	96.5	PASS
CBDM_PROPOSED	Block F		Gnd	R29/390	BEDROOM	10731139.8	100	50	95	85.7	FAIL	300	50	50	14.9	FAIL
CBDM_PROPOSED	Block F		1st	R1/391	BEDROOM	11278206.1	100	50	95	88.6	FAIL	300	50	50	16.5	FAIL
CBDM_PROPOSED	Block F		1st	R2/391	LKD	25778698	100	50	95	98.8	PASS	300	50	50	12.2	FAIL
CBDM_PROPOSED	Block F		1st	R3/391	BEDROOM	11436240.3	100	50	95	88.4	FAIL	300	50	50	14.5	FAIL
CBDM_PROPOSED	Block F		1st	R4/391	LKD	25489345	100	50	95	100	PASS	300	50	50	53.1	PASS
CBDM_PROPOSED	Block F		1st	R5/391	LKD	32289064.8	100	50	95	97.6	PASS	300	50	50	44.3	FAIL
CBDM_PROPOSED	Block F		1st	R6/391	BEDROOM	9977009.9	100	50	95	100	PASS	300	50	50	56	PASS
CBDM_PROPOSED	Block F		1st	R7/391	BEDROOM	13472161.4	100	50	95	32.6	FAIL	300	50	50	9.9	FAIL
CBDM_PROPOSED	Block F		1st	R8/391	BEDROOM	10462786.7	100	50	95	29.4	FAIL	300	50	50	13.5	FAIL
CBDM_PROPOSED	Block F		1st	R9/391	LKD	23808956.7	100	50	95	31.6	FAIL	300	50	50	8.6	FAIL
CBDM_PROPOSED	Block F		1st	R10/391	STUDIO	30647328.1	100	50	95	44.6	FAIL	300	50	50	16.6	FAIL
CBDM_PROPOSED	Block F		1st	R11/391	LKD	30901183.4	100	50	95	35	FAIL	300	50	50	14.1	FAIL
CBDM_PROPOSED	Block F		1st	R12/391	LKD	30901975.6	100	50	95	28.7	FAIL	300	50	50	10	FAIL
CBDM_PROPOSED	Block F		1st	R13/391	LKD	32327871	100	50	95	31.1	FAIL	300	50	50	11.7	FAIL
CBDM_PROPOSED	Block F		1st	R14/391	BEDROOM	9968764.3	100	50	95	98.7	PASS	300	50	50	19.4	FAIL
CBDM_PROPOSED	Block F		1st	R15/391	BEDROOM	13587203	100	50	95	22.8	FAIL	300	50	50	8	FAIL
CBDM_PROPOSED	Block F		1st	R16/391	LKD	25773252.5	100	50	95	30.2	FAIL	300	50	50	9.9	FAIL
CBDM_PROPOSED	Block F		1st	R17/391	BEDROOM	9675558.4	100	50	95	78.1	FAIL	300	50	50	13.1	FAIL
CBDM_PROPOSED	Block F		1st	R18/391	BEDROOM	9680339.4	100	50	95	71.2	FAIL	300	50	50	13.1	FAIL
CBDM_PROPOSED	Block F		1st	R19/391	LKD	25846276.3	100	50	95	30.7	FAIL	300	50	50	10.5	FAIL
CBDM_PROPOSED	Block F		1st	R20/391	LKD	21898919.4	100	50	95	56.3	FAIL	300	50	50	13.8	FAIL
CBDM_PROPOSED	Block F		1st	R21/391	BEDROOM	10803476	100	50	95	9.8	FAIL	300	50	50	0	FAIL
CBDM_PROPOSED	Block F		1st	R22/391	LKD	26917647.1	100	50	95	93.8	FAIL	300	50	50	45.2	FAIL
CBDM_PROPOSED	Block F		1st	R23/391	BEDROOM	12879126	100	50	95	100	PASS	300	50	50	57.6	PASS
CBDM_PROPOSED	Block F		1st	R24/391	BEDROOM	11020025.7	100	50	95	93.9	FAIL	300	50	50	29	FAIL
CBDM_PROPOSED	Block F		1st	R25/391	LKD	24743607.6	100	50	95	99.4	PASS	300	50	50	26.8	FAIL
CBDM_PROPOSED	Block F		1st	R26/391	BEDROOM	9629516.5	100	50	95	87.1	FAIL	300	50	50	27.1	FAIL
CBDM_PROPOSED	Block F		1st	R27/391	BEDROOM	11928908.4	100	50	95	100	PASS	300	50	50	95.8	PASS
CBDM_PROPOSED	Block F		1st	R28/391	BEDROOM	11940252.8	100	50	95	100	PASS	300	50	50	87.9	PASS
CBDM_PROPOSED	Block F		1st	R29/391	BEDROOM	10731139.8	100	50	95	85	FAIL	300	50	50	14.9	FAIL
CBDM_PROPOSED	Block F		2nd	R1/392	BEDROOM	11278206.1	100	50	95	88.6	FAIL	300	50	50	17.8	FAIL
CBDM_PROPOSED	Block F		2nd	R2/392	LKD	25778698	100	50	95	98.8	PASS	300	50	50	12.8	FAIL
CBDM_PROPOSED	Block F		2nd	R3/392	BEDROOM	11436240.3	100	50	95	89.5	FAIL	300	50	50	15.6	FAIL
CBDM_PROPOSED	Block F		2nd	R4/392	LKD	25489345	100	50	95	100	PASS	300	50	50	64.6	PASS
CBDM_PROPOSED	Block F		2nd	R5/392	LKD	32289064.8	100	50	95	100	PASS	300	50	50	55.7	PASS
CBDM_PROPOSED	Block F		2nd	R6/392	BEDROOM	9977009.9	100	50	95	100	PASS	300	50	50	65.5	PASS
CBDM_PROPOSED	Block F		2nd	R7/392	BEDROOM	13472161.4	100	50	95	37.5	FAIL	300	50	50	10.9	FAIL
CBDM_PROPOSED	Block F		2nd	R8/392	BEDROOM	10462786.7	100	50	95	35.2	FAIL	300	50	50	13.5	FAIL
CBDM_PROPOSED	Block F		2nd	R9/392	LKD	23808956.7	100	50	95	39.5	FAIL	300	50	50	11	FAIL
CBDM_PROPOSED	Block F		2nd	R10/392	STUDIO	30647328.1	100	50	95	53.3	FAIL	300	50	50	19.7	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block F		2nd	R11/392	LKD	30901183.4	100	50	95	39.6	FAIL	300	50	50	16.8	FAIL
CBDM_PROPOSED	Block F		2nd	R12/392	LKD	30901975.6	100	50	95	32.8	FAIL	300	50	50	14.6	FAIL
CBDM_PROPOSED	Block F		2nd	R13/392	LKD	32327871	100	50	95	35.1	FAIL	300	50	50	14.7	FAIL
CBDM_PROPOSED	Block F		2nd	R14/392	BEDROOM	9968764.3	100	50	95	98.7	PASS	300	50	50	28.4	FAIL
CBDM_PROPOSED	Block F		2nd	R15/392	BEDROOM	13587203	100	50	95	26.8	FAIL	300	50	50	8	FAIL
CBDM_PROPOSED	Block F		2nd	R16/392	LKD	25773252.5	100	50	95	35.1	FAIL	300	50	50	14.8	FAIL
CBDM_PROPOSED	Block F		2nd	R17/392	BEDROOM	9675558.4	100	50	95	85.5	FAIL	300	50	50	18.9	FAIL
CBDM_PROPOSED	Block F		2nd	R18/392	BEDROOM	9680339.4	100	50	95	76.3	FAIL	300	50	50	21.8	FAIL
CBDM_PROPOSED	Block F		2nd	R19/392	LKD	25846276.3	100	50	95	36.9	FAIL	300	50	50	16.6	FAIL
CBDM_PROPOSED	Block F		2nd	R20/392	LKD	21898919.4	100	50	95	65.8	FAIL	300	50	50	15.1	FAIL
CBDM_PROPOSED	Block F		2nd	R21/392	BEDROOM	10803476	100	50	95	11	FAIL	300	50	50	1.2	FAIL
CBDM_PROPOSED	Block F		2nd	R22/392	LKD	26917647.1	100	50	95	96.4	PASS	300	50	50	47.9	FAIL
CBDM_PROPOSED	Block F		2nd	R23/392	BEDROOM	12879126	100	50	95	100	PASS	300	50	50	63.5	PASS
CBDM_PROPOSED	Block F		2nd	R24/392	BEDROOM	11020025.7	100	50	95	96.3	PASS	300	50	50	31.9	FAIL
CBDM_PROPOSED	Block F		2nd	R25/392	LKD	24743607.6	100	50	95	99.4	PASS	300	50	50	26.8	FAIL
CBDM_PROPOSED	Block F		2nd	R26/392	BEDROOM	9629516.5	100	50	95	88.4	FAIL	300	50	50	27.6	FAIL
CBDM_PROPOSED	Block F		2nd	R27/392	BEDROOM	11928908.4	100	50	95	100	PASS	300	50	50	96.6	PASS
CBDM_PROPOSED	Block F		2nd	R28/392	BEDROOM	11940252.8	100	50	95	100	PASS	300	50	50	88	PASS
CBDM_PROPOSED	Block F		2nd	R29/392	BEDROOM	10731139.8	100	50	95	86.5	FAIL	300	50	50	14.9	FAIL
CBDM_PROPOSED	Block F		3rd	R1/393	BEDROOM	11278206.1	100	50	95	88.6	FAIL	300	50	50	19	FAIL
CBDM_PROPOSED	Block F		3rd	R2/393	LKD	25778698	100	50	95	98.8	PASS	300	50	50	10.6	FAIL
CBDM_PROPOSED	Block F		3rd	R3/393	BEDROOM	11436240.3	100	50	95	89.5	FAIL	300	50	50	15.6	FAIL
CBDM_PROPOSED	Block F		3rd	R4/393	LKD	25489345	100	50	95	100	PASS	300	50	50	55.8	PASS
CBDM_PROPOSED	Block F		3rd	R5/393	LKD	32289064.8	100	50	95	100	PASS	300	50	50	65.6	PASS
CBDM_PROPOSED	Block F		3rd	R6/393	BEDROOM	9977009.9	100	50	95	100	PASS	300	50	50	93.1	PASS
CBDM_PROPOSED	Block F		3rd	R7/393	BEDROOM	13472161.4	100	50	95	42.5	FAIL	300	50	50	10.9	FAIL
CBDM_PROPOSED	Block F		3rd	R8/393	BEDROOM	10462786.7	100	50	95	42.7	FAIL	300	50	50	17.2	FAIL
CBDM_PROPOSED	Block F		3rd	R9/393	LKD	23808956.7	100	50	95	46.8	FAIL	300	50	50	13.5	FAIL
CBDM_PROPOSED	Block F		3rd	R10/393	STUDIO	30647328.1	100	50	95	55.6	FAIL	300	50	50	23.7	FAIL
CBDM_PROPOSED	Block F		3rd	R11/393	LKD	30901183.4	100	50	95	44.6	FAIL	300	50	50	20	FAIL
CBDM_PROPOSED	Block F		3rd	R12/393	LKD	30901975.6	100	50	95	38.2	FAIL	300	50	50	17.7	FAIL
CBDM_PROPOSED	Block F		3rd	R13/393	LKD	32327871	100	50	95	39.5	FAIL	300	50	50	17.4	FAIL
CBDM_PROPOSED	Block F		3rd	R14/393	BEDROOM	9968764.3	100	50	95	100	PASS	300	50	50	36.2	FAIL
CBDM_PROPOSED	Block F		3rd	R15/393	BEDROOM	13587203	100	50	95	31	FAIL	300	50	50	9.9	FAIL
CBDM_PROPOSED	Block F		3rd	R16/393	LKD	25773252.5	100	50	95	40.7	FAIL	300	50	50	16	FAIL
CBDM_PROPOSED	Block F		3rd	R17/393	BEDROOM	9675558.4	100	50	95	97.5	PASS	300	50	50	21.8	FAIL
CBDM_PROPOSED	Block F		3rd	R18/393	BEDROOM	9680339.4	100	50	95	86	FAIL	300	50	50	27.7	FAIL
CBDM_PROPOSED	Block F		3rd	R19/393	LKD	25846276.3	100	50	95	42.7	FAIL	300	50	50	16.6	FAIL
CBDM_PROPOSED	Block F		3rd	R20/393	LKD	21898919.4	100	50	95	73.5	FAIL	300	50	50	18.9	FAIL
CBDM_PROPOSED	Block F		3rd	R21/393	BEDROOM	10803476	100	50	95	13.4	FAIL	300	50	50	2.4	FAIL
CBDM_PROPOSED	Block F		3rd	R22/393	LKD	26917647.1	100	50	95	97.9	PASS	300	50	50	49.3	FAIL
CBDM_PROPOSED	Block F		3rd	R23/393	BEDROOM	12879126	100	50	95	100	PASS	300	50	50	67.7	PASS
CBDM_PROPOSED	Block F		3rd	R24/393	BEDROOM	11020025.7	100	50	95	96.3	PASS	300	50	50	33.7	FAIL
CBDM_PROPOSED	Block F		3rd	R25/393	LKD	24743607.6	100	50	95	99.4	PASS	300	50	50	26.8	FAIL
CBDM_PROPOSED	Block F		3rd	R26/393	BEDROOM	9629516.5	100	50	95	88.4	FAIL	300	50	50	28.9	FAIL
CBDM_PROPOSED	Block F		3rd	R27/393	BEDROOM	11928908.4	100	50	95	100	PASS	300	50	50	96.6	PASS
CBDM_PROPOSED	Block F		3rd	R28/393	BEDROOM	11940252.8	100	50	95	100	PASS	300	50	50	90.2	PASS
CBDM_PROPOSED	Block F		3rd	R29/393	BEDROOM	10731139.8	100	50	95	86.5	FAIL	300	50	50	14.9	FAIL

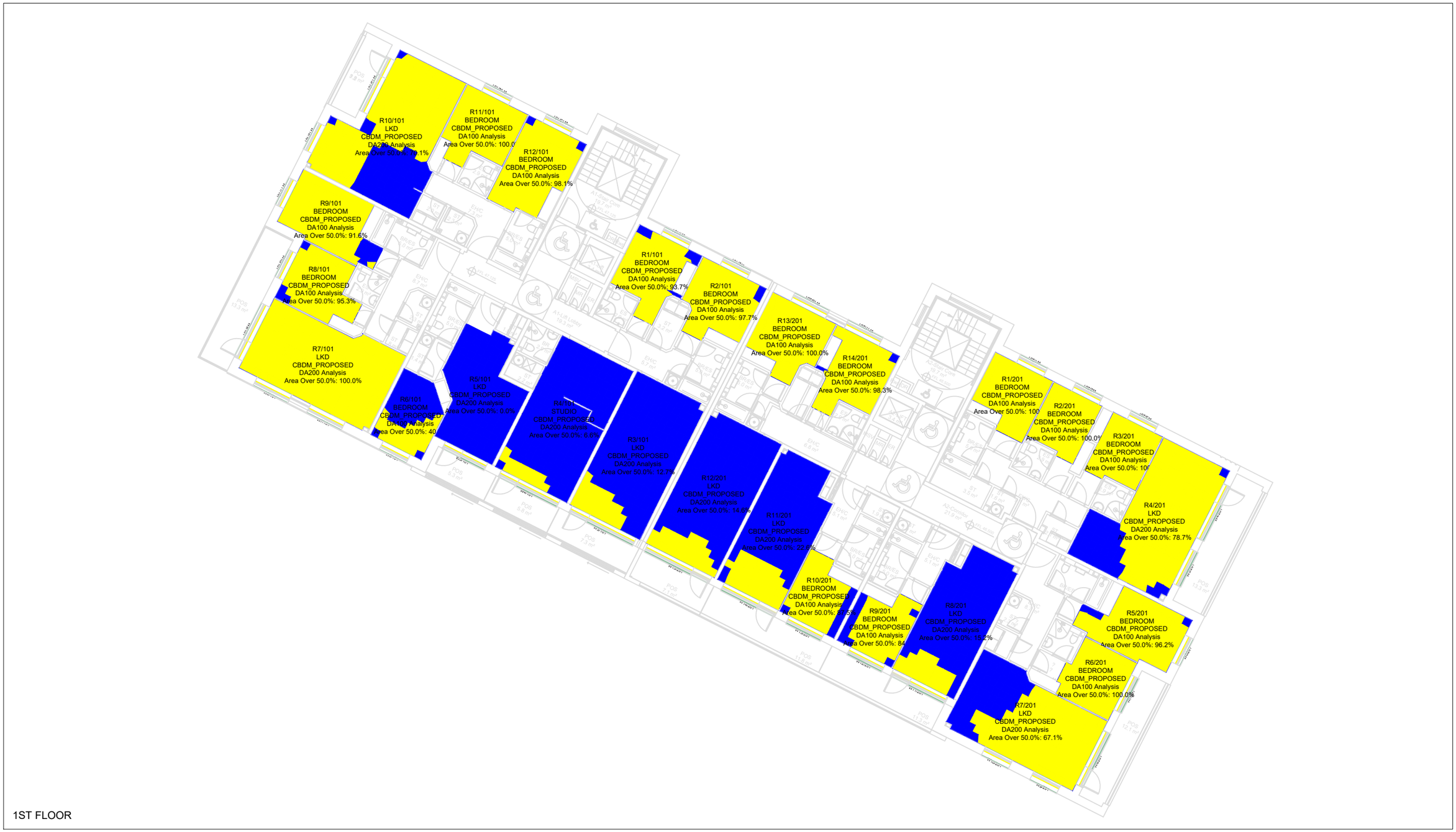
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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block F		4th	R1/394	BEDROOM	11278206.1	100	50	95	88.6	FAIL	300	50	50	19	FAIL
CBDM_PROPOSED	Block F		4th	R2/394	LKD	25778698	100	50	95	100	PASS	300	50	50	25.1	FAIL
CBDM_PROPOSED	Block F		4th	R3/394	BEDROOM	10462786.7	100	50	95	37.9	FAIL	300	50	50	11	FAIL
CBDM_PROPOSED	Block F		4th	R4/394	LKD	23808956.7	100	50	95	51.7	FAIL	300	50	50	16.5	FAIL
CBDM_PROPOSED	Block F		4th	R5/394	STUDIO	30647328.1	100	50	95	58.9	FAIL	300	50	50	27.7	FAIL
CBDM_PROPOSED	Block F		4th	R6/394	LKD	30901183.4	100	50	95	50.5	FAIL	300	50	50	23.2	FAIL
CBDM_PROPOSED	Block F		4th	R7/394	LKD	30901975.6	100	50	95	45.5	FAIL	300	50	50	20.5	FAIL
CBDM_PROPOSED	Block F		4th	R8/394	LKD	32327871	100	50	95	45.9	FAIL	300	50	50	21.7	FAIL
CBDM_PROPOSED	Block F		4th	R9/394	BEDROOM	9968764.3	100	50	95	100	PASS	300	50	50	46.6	FAIL
CBDM_PROPOSED	Block F		4th	R10/394	BEDROOM	13587203	100	50	95	36	FAIL	300	50	50	9.9	FAIL
CBDM_PROPOSED	Block F		4th	R11/394	LKD	25773252.5	100	50	95	46.2	FAIL	300	50	50	21.6	FAIL
CBDM_PROPOSED	Block F		4th	R12/394	BEDROOM	9675558.4	100	50	95	100	PASS	300	50	50	29.1	FAIL
CBDM_PROPOSED	Block F		4th	R13/394	BEDROOM	9680339.4	100	50	95	100	PASS	300	50	50	32.1	FAIL
CBDM_PROPOSED	Block F		4th	R14/394	LKD	25846276.3	100	50	95	50.1	FAIL	300	50	50	22.1	FAIL
CBDM_PROPOSED	Block F		4th	R15/394	LKD	21898919.4	100	50	95	79.7	FAIL	300	50	50	21.5	FAIL
CBDM_PROPOSED	Block F		4th	R16/394	BEDROOM	10803476	100	50	95	25.5	FAIL	300	50	50	8.4	FAIL
CBDM_PROPOSED	Block F		4th	R17/394	LKD	26917647.1	100	50	95	98.9	PASS	300	50	50	50.7	PASS
CBDM_PROPOSED	Block F		4th	R18/394	BEDROOM	12879126	100	50	95	100	PASS	300	50	50	72	PASS
CBDM_PROPOSED	Block F		4th	R19/394	BEDROOM	11020025.7	100	50	95	87	FAIL	300	50	50	20.3	FAIL
CBDM_PROPOSED	Block F		4th	R20/394	LKD	24743607.6	100	50	95	99.4	PASS	300	50	50	26.8	FAIL
CBDM_PROPOSED	Block F		4th	R21/394	BEDROOM	9629516.5	100	50	95	88.4	FAIL	300	50	50	28.9	FAIL
CBDM_PROPOSED	Block F		4th	R22/394	BEDROOM	11928908.4	100	50	95	100	PASS	300	50	50	96.6	PASS
CBDM_PROPOSED	Block F		4th	R23/394	BEDROOM	11940252.8	100	50	95	100	PASS	300	50	50	95.4	PASS
CBDM_PROPOSED	Block F		4th	R24/394	BEDROOM	10731139.8	100	50	95	86.5	FAIL	300	50	50	14.9	FAIL
CBDM_PROPOSED	Block F		5th	R1/395	BEDROOM	11278206.1	100	50	95	96.2	PASS	300	50	50	22.9	FAIL
CBDM_PROPOSED	Block F		5th	R2/395	LKD	25778698	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R3/395	BEDROOM	10462786.7	100	50	95	51.3	FAIL	300	50	50	13.4	FAIL
CBDM_PROPOSED	Block F		5th	R4/395	LKD	23808956.7	100	50	95	67.1	FAIL	300	50	50	33.4	FAIL
CBDM_PROPOSED	Block F		5th	R5/395	STUDIO	30647328.1	100	50	95	64.3	FAIL	300	50	50	51.5	PASS
CBDM_PROPOSED	Block F		5th	R6/395	LKD	30901183.4	100	50	95	86	FAIL	300	50	50	39.1	FAIL
CBDM_PROPOSED	Block F		5th	R7/395	LKD	30901975.6	100	50	95	70.3	FAIL	300	50	50	35	FAIL
CBDM_PROPOSED	Block F		5th	R8/395	LKD	32327871	100	50	95	68.6	FAIL	300	50	50	36.7	FAIL
CBDM_PROPOSED	Block F		5th	R9/395	BEDROOM	9968764.3	100	50	95	100	PASS	300	50	50	98.7	PASS
CBDM_PROPOSED	Block F		5th	R10/395	BEDROOM	13587203	100	50	95	50.8	FAIL	300	50	50	11.9	FAIL
CBDM_PROPOSED	Block F		5th	R11/395	LKD	25773252.5	100	50	95	72.8	FAIL	300	50	50	37	FAIL
CBDM_PROPOSED	Block F		5th	R12/395	BEDROOM	9675558.4	100	50	95	100	PASS	300	50	50	76.2	PASS
CBDM_PROPOSED	Block F		5th	R13/395	BEDROOM	9680339.4	100	50	95	100	PASS	300	50	50	77.8	PASS
CBDM_PROPOSED	Block F		5th	R14/395	LKD	25846276.3	100	50	95	79.1	FAIL	300	50	50	38.1	FAIL
CBDM_PROPOSED	Block F		5th	R15/395	LKD	21898919.4	100	50	95	100	PASS	300	50	50	71.5	PASS
CBDM_PROPOSED	Block F		5th	R16/395	BEDROOM	10803476	100	50	95	83.2	FAIL	300	50	50	15.7	FAIL
CBDM_PROPOSED	Block F		5th	R17/395	LKD	26917647.1	100	50	95	100	PASS	300	50	50	88.5	PASS
CBDM_PROPOSED	Block F		5th	R18/395	BEDROOM	12879126	100	50	95	100	PASS	300	50	50	94.7	PASS
CBDM_PROPOSED	Block F		5th	R19/395	BEDROOM	11020025.7	100	50	95	95.2	PASS	300	50	50	26	FAIL
CBDM_PROPOSED	Block F		5th	R20/395	LKD	24743607.6	100	50	95	100	PASS	300	50	50	99.4	PASS
CBDM_PROPOSED	Block F		5th	R21/395	BEDROOM	9629516.5	100	50	95	93.4	FAIL	300	50	50	40.5	FAIL
CBDM_PROPOSED	Block F		5th	R22/395	BEDROOM	11928908.4	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R23/395	BEDROOM	11940252.8	100	50	95	100	PASS	300	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R24/395	BEDROOM	10731139.8	100	50	95	90.8	FAIL	300	50	50	23.8	FAIL

Total pass	504	Total pass	264
Total fail	658	Total fail	898
Percentage fail rate	56.63%	Percentage fail rate	77.28%
Percentage pass rate	43.37%	Percentage pass rate	22.72%
Total rooms	1162	Total rooms	1162

Appendix VI

Climate Based Analysis – BS EN 17037



1ST FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

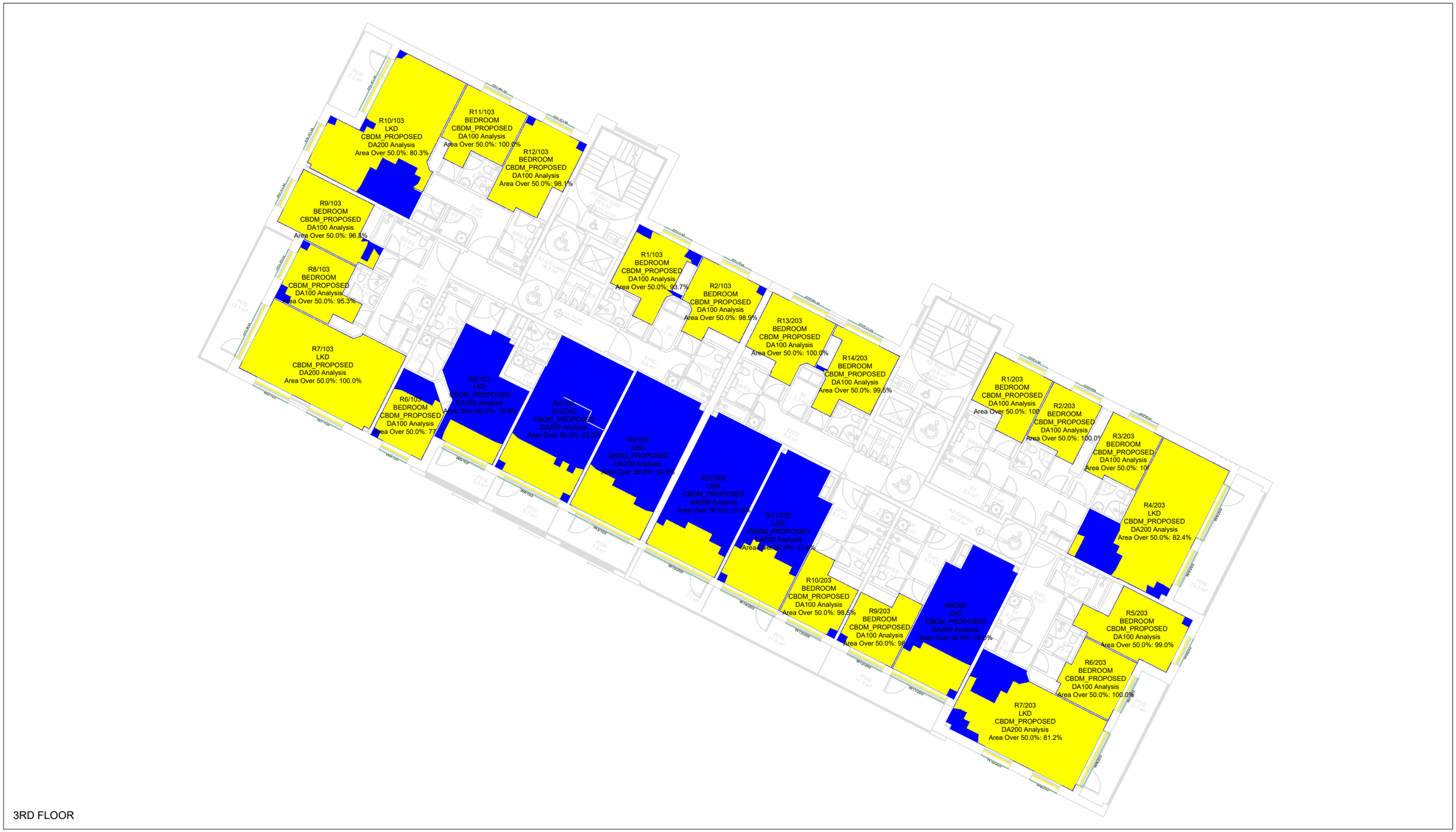
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12	BRE_05	-

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3RD FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

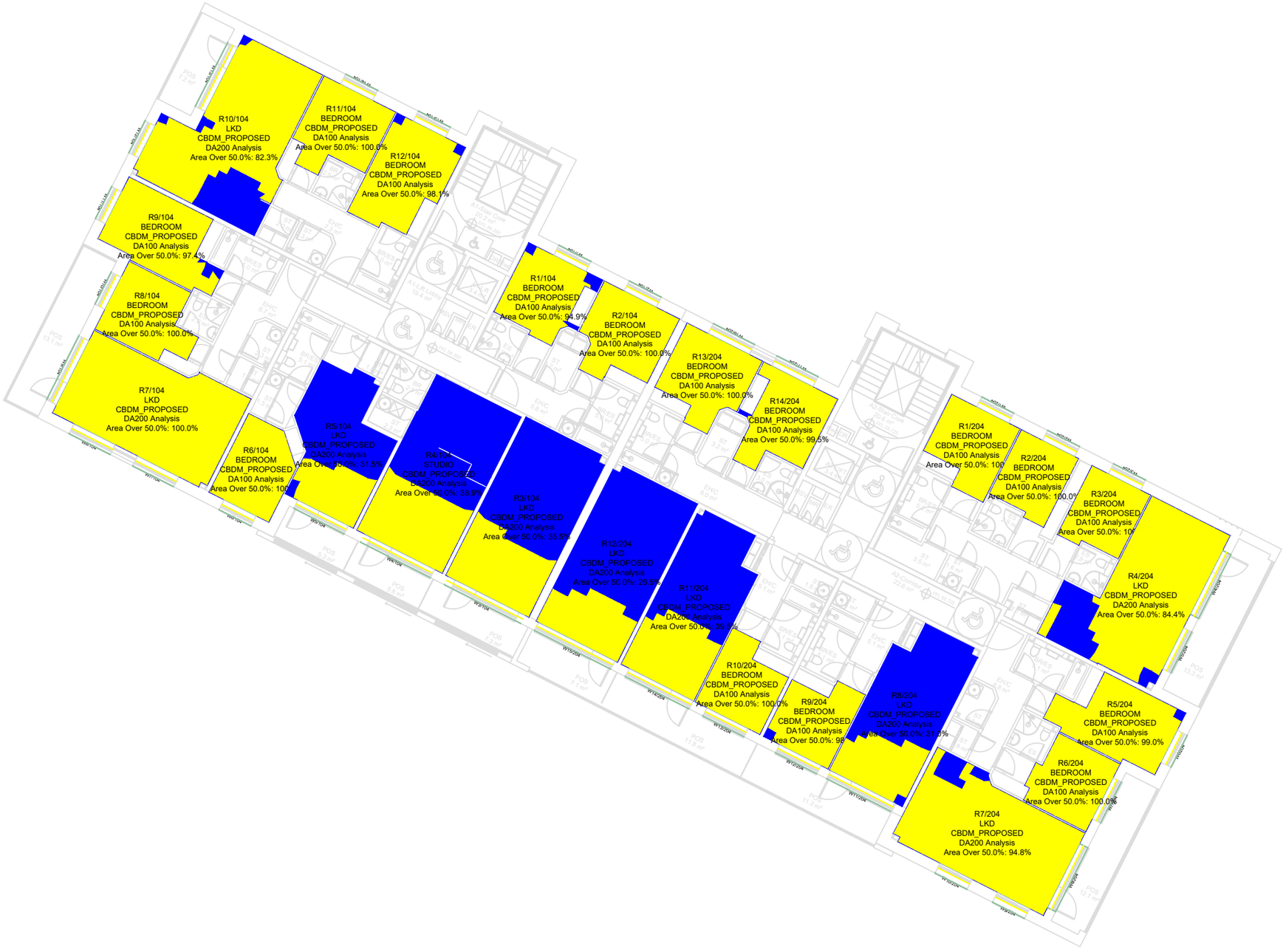
Drawing Title
CBDM UKNA results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
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4TH FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

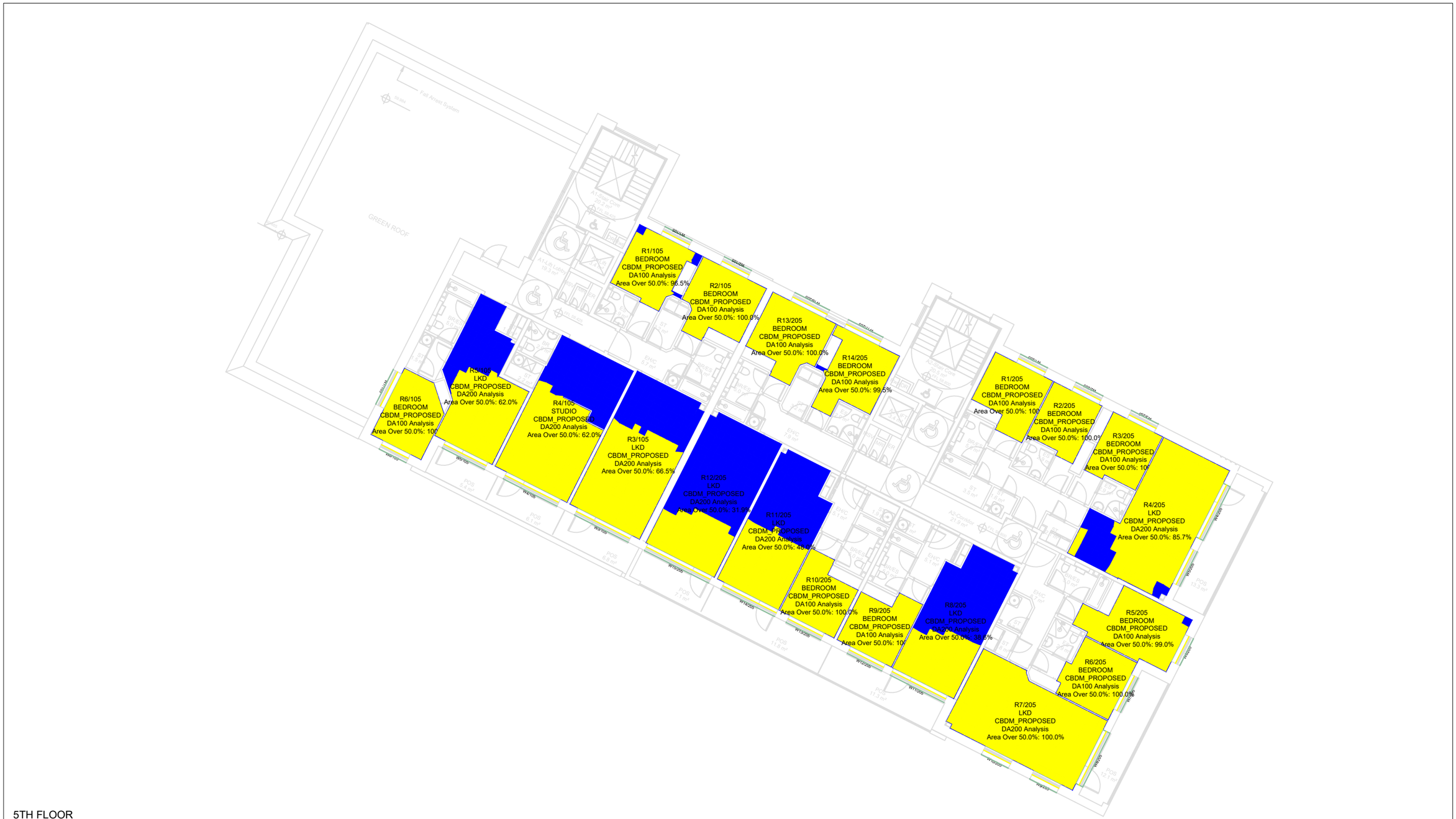
Drawing Title
CBDM UKNA results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12	BRE_08	-

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5TH FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK A

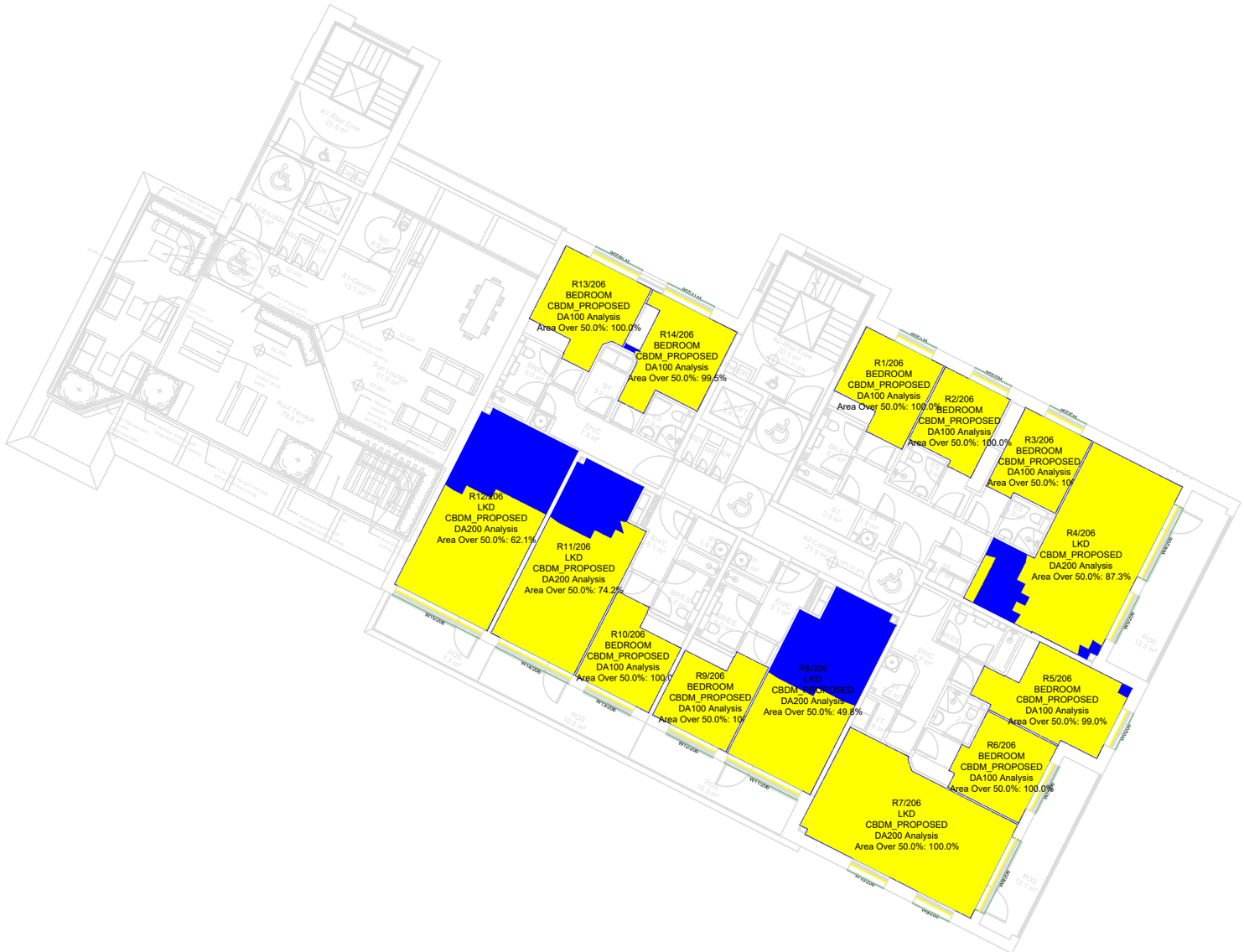
Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12	BRE_09	-

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6TH FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK A

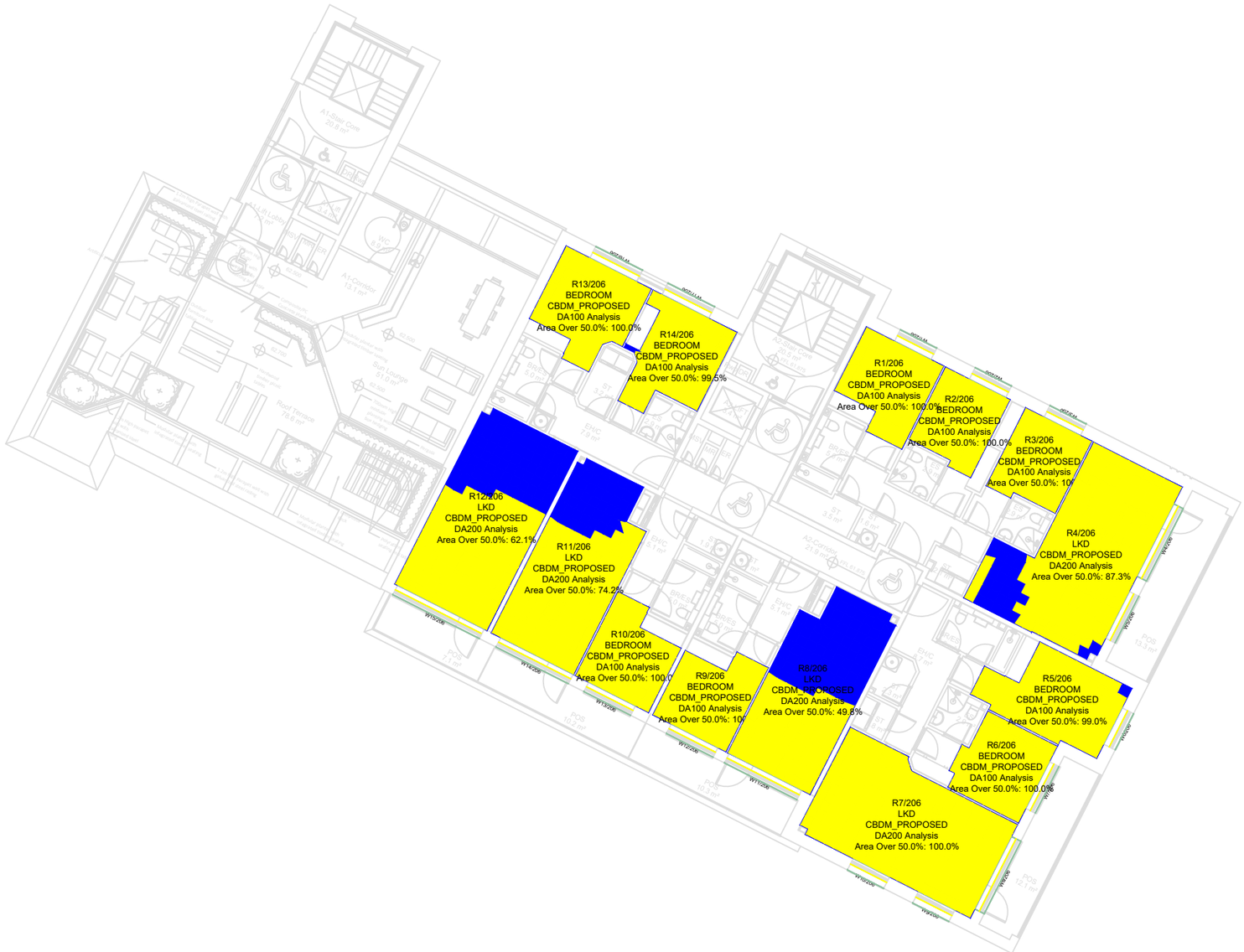
Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
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7TH FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12	BRE_11	-

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GROUND FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

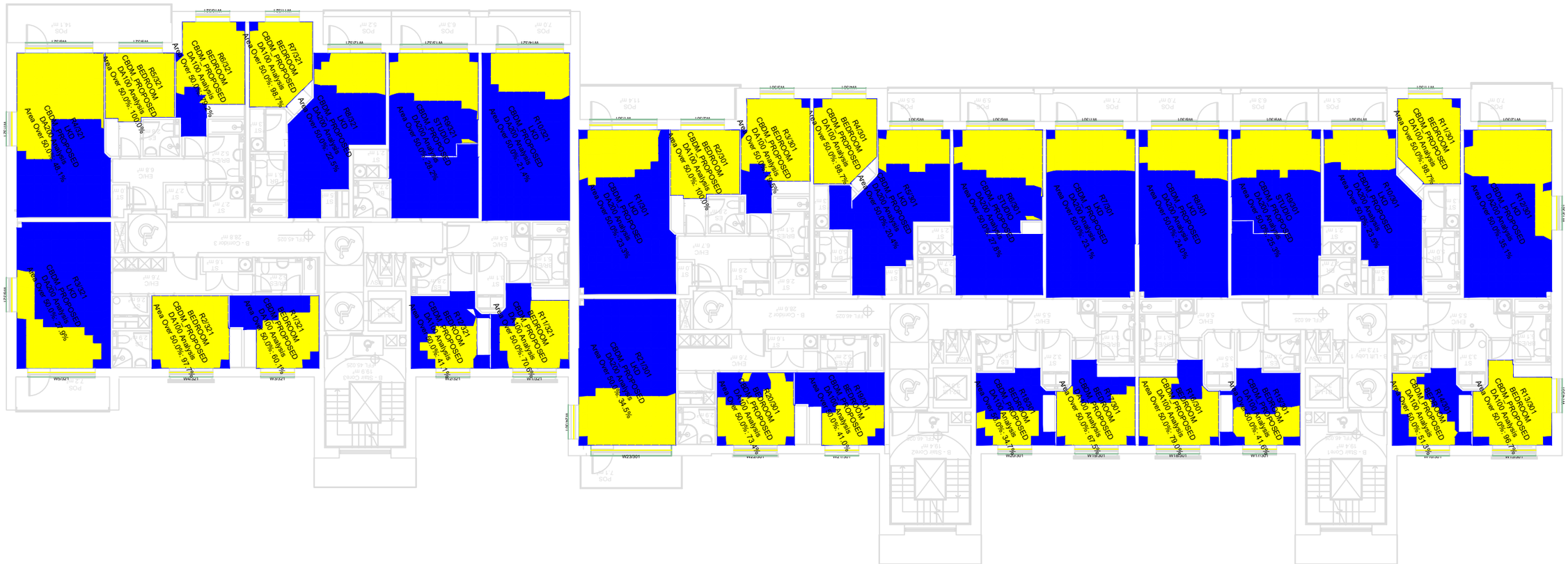
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12	BRE_12	-

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1ST FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
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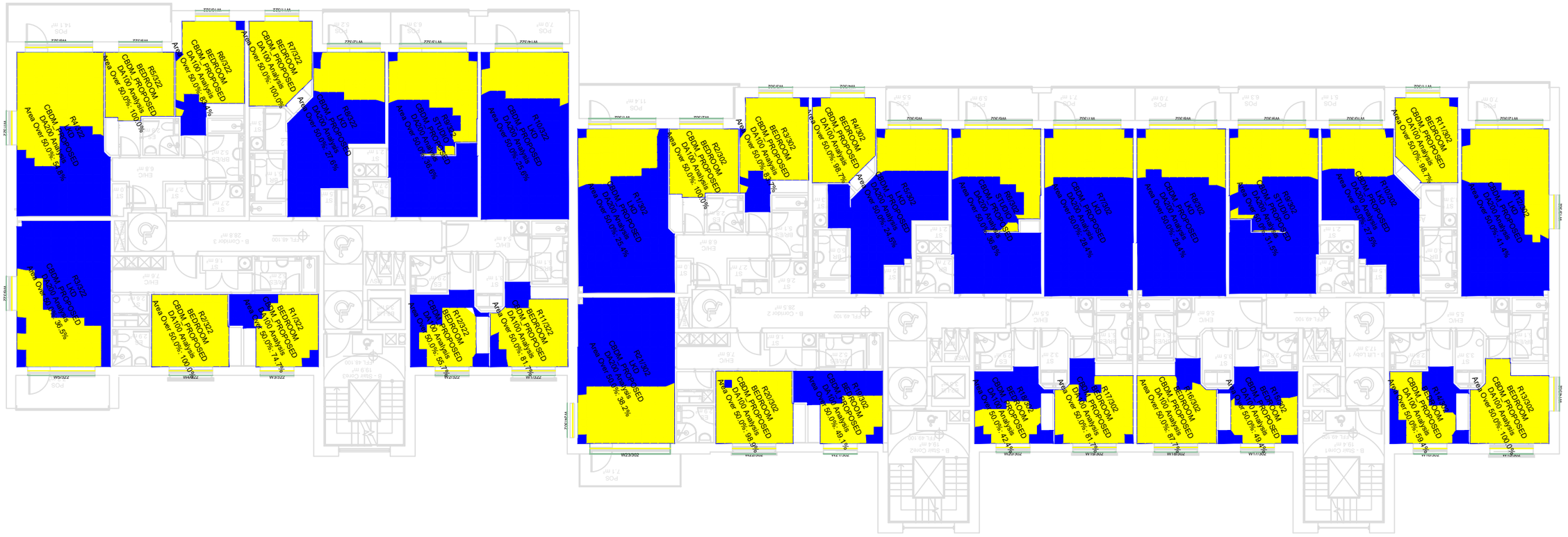
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
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2ND FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

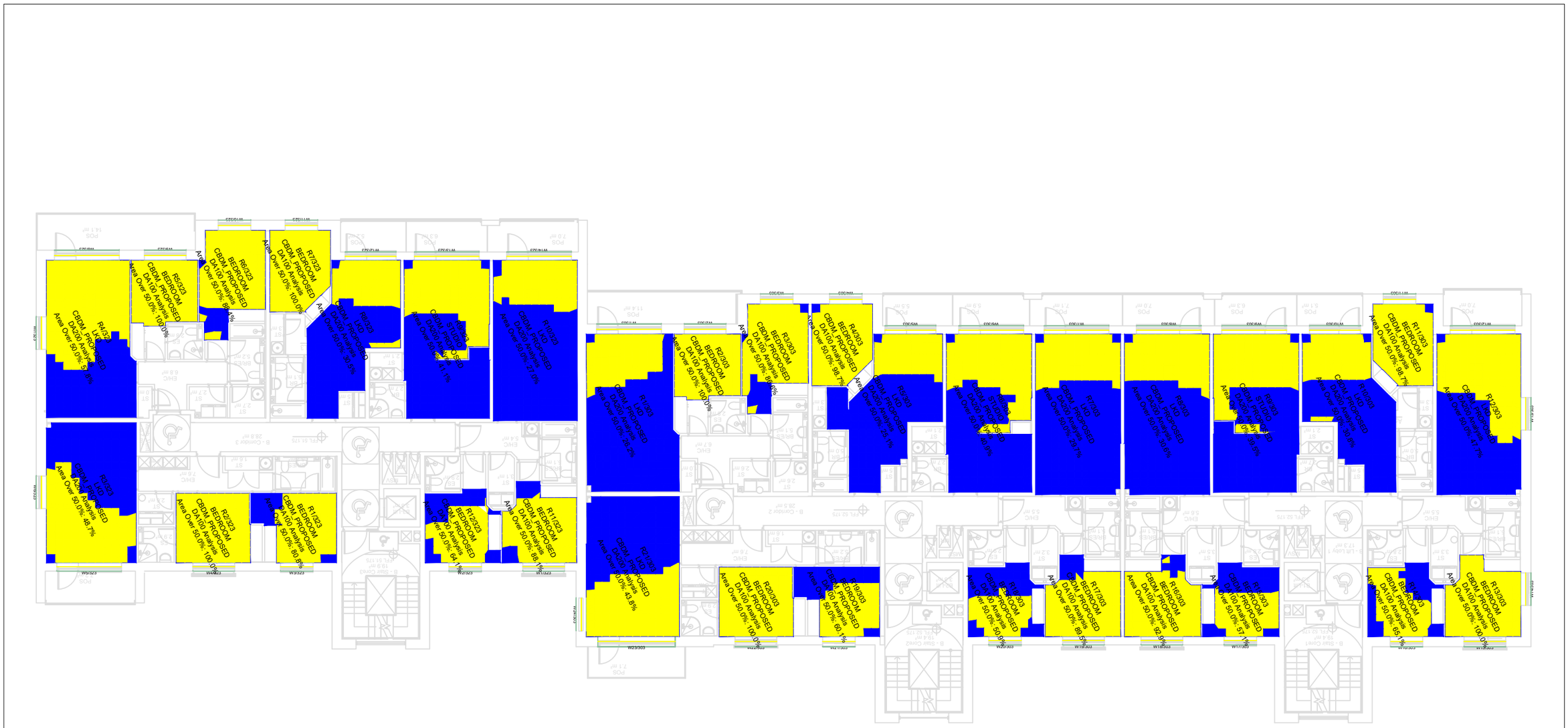
Drawing Title
CBDM UKNA results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12	BRE_14	-

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3RD FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
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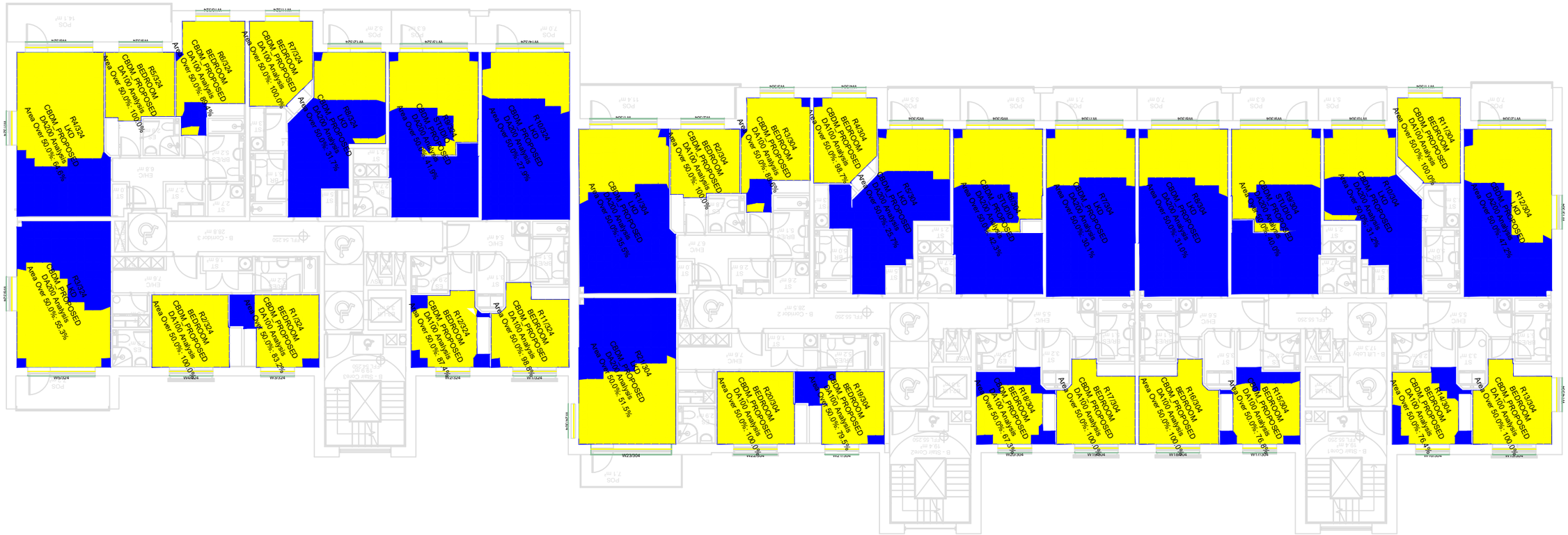
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12	BRE_15	-

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4TH FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building
Accuities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accuities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

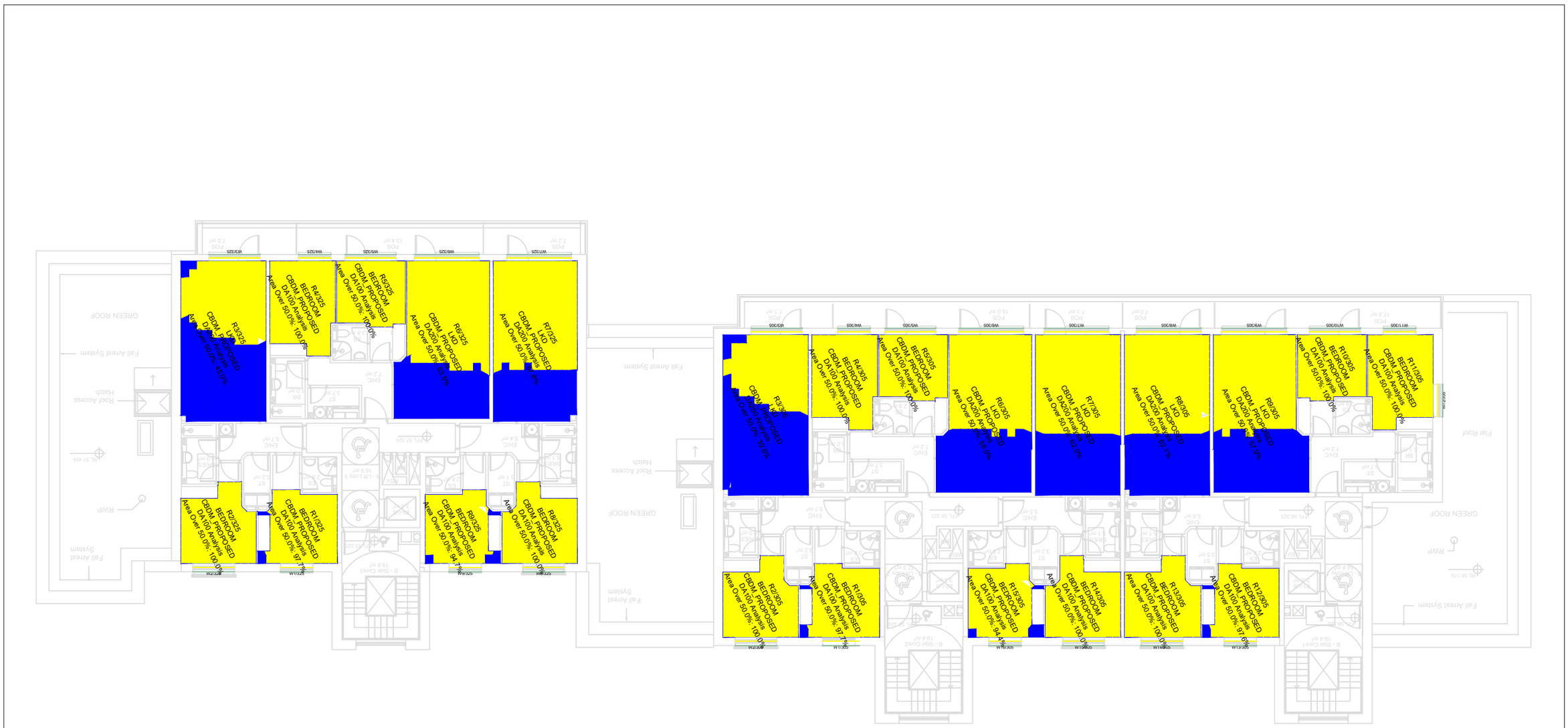
Drawing Title
CBDM UKNA results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12	BRE_16	-

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5TH FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

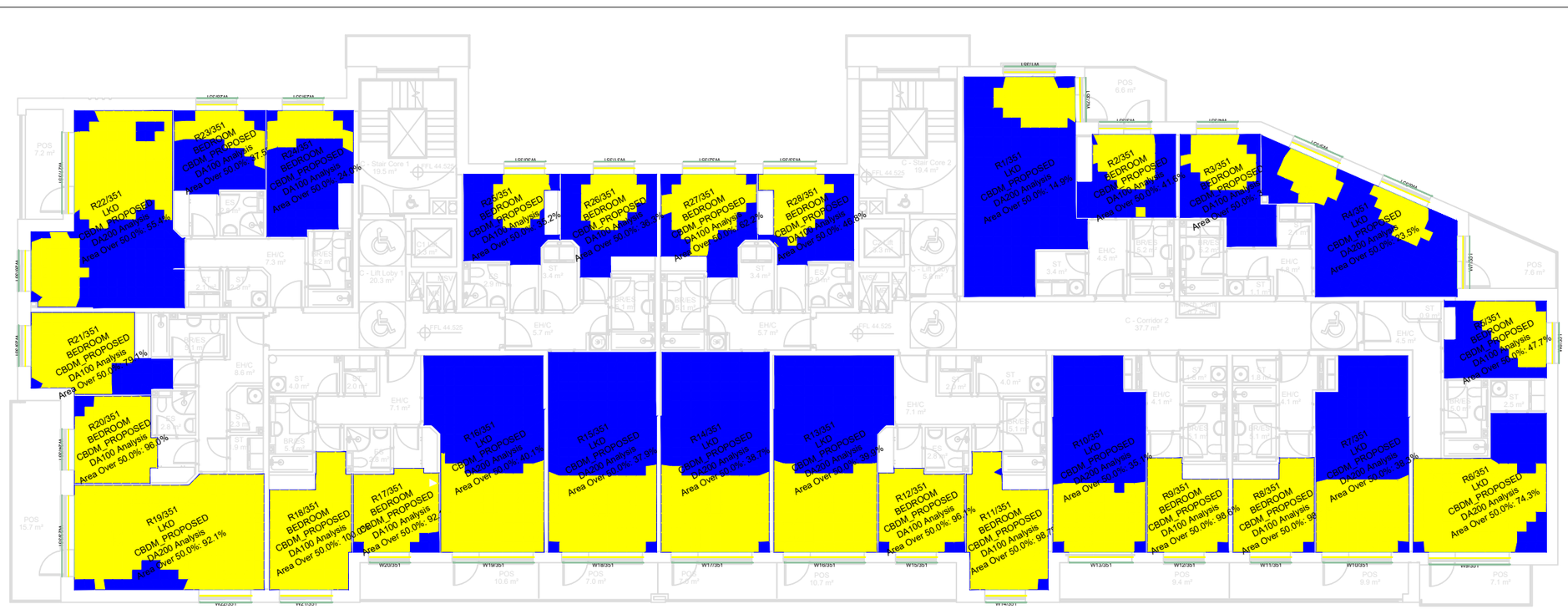
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HA163_12	BRE_17	-

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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK C

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

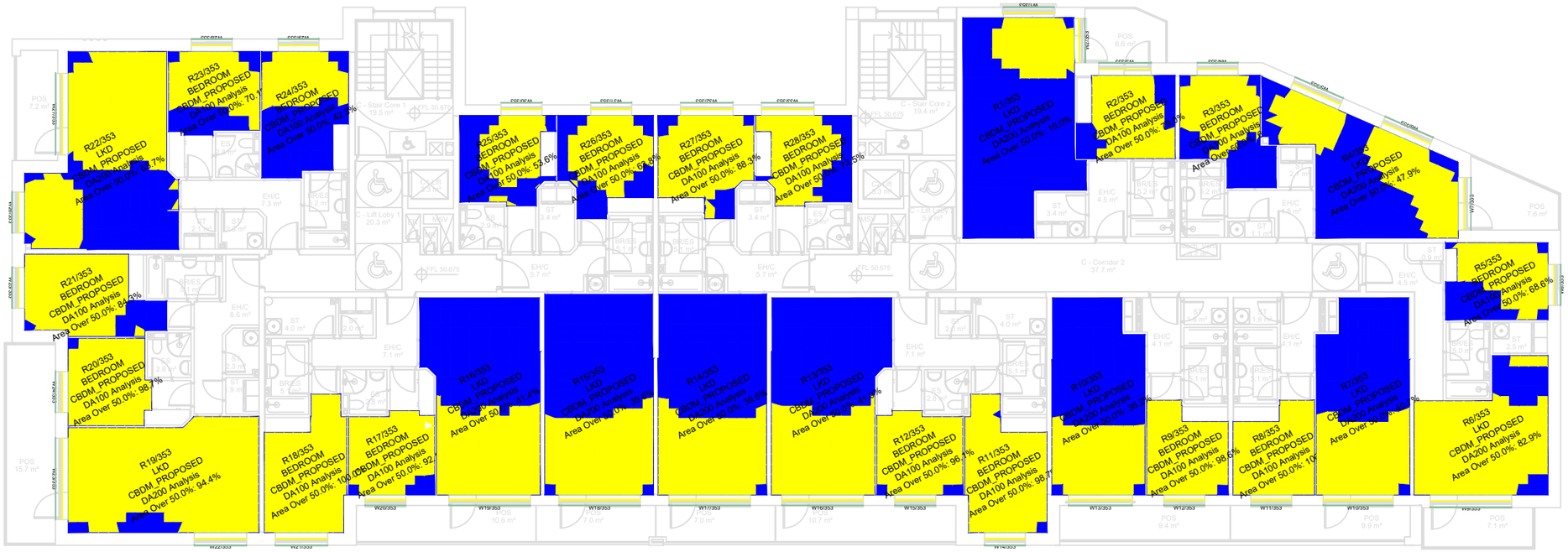
Project No.	Drawing No.	Revision
HA163_12	BRE_18	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK C

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12	BRE_19	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK C

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12	BRE_20	-

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Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	20 Feb 2022
Drawing Title			
CBDM UKNA results for BLOCK D	**Project No.** HA163_12	**Drawing No.** BRE_21	**Revision** -

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12	BRE_22	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	20 Feb 2022
Drawing Title			
CBDM UKNA results for	Project No.	Drawing No.	Revision
BLOCK D	HA163_12	BRE_23	-

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6TH FLOOR



7TH FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12	BRE_24	-

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Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12	BRE_25	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK E

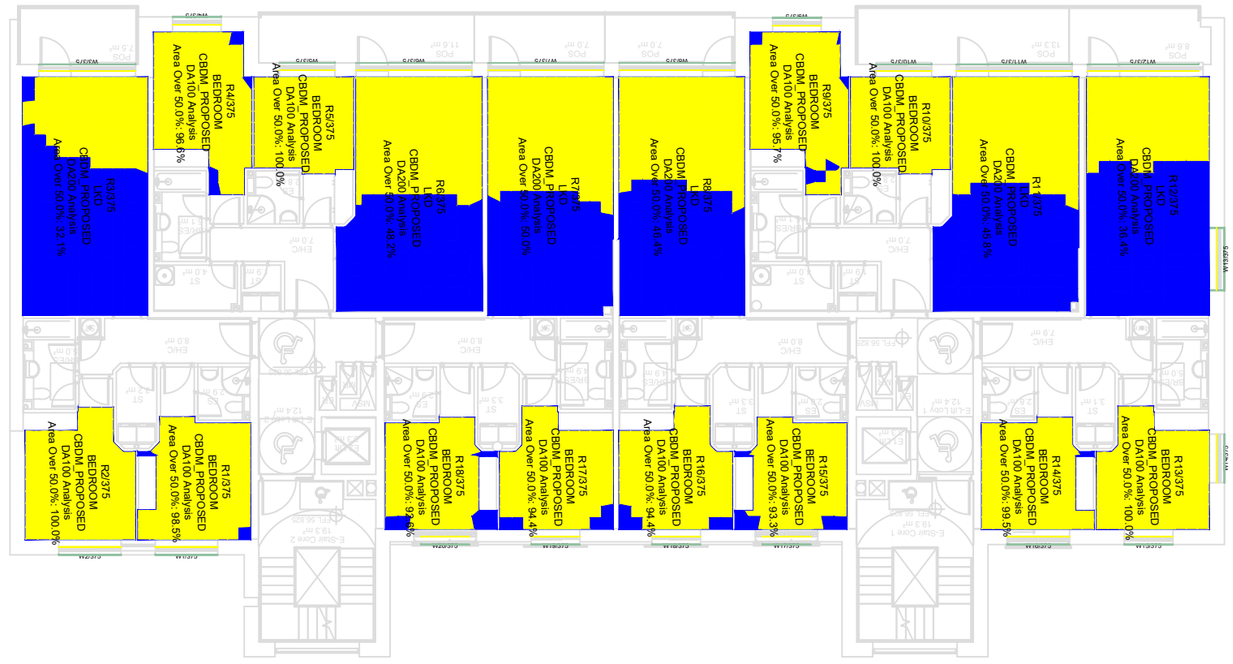
Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12	BRE_26	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

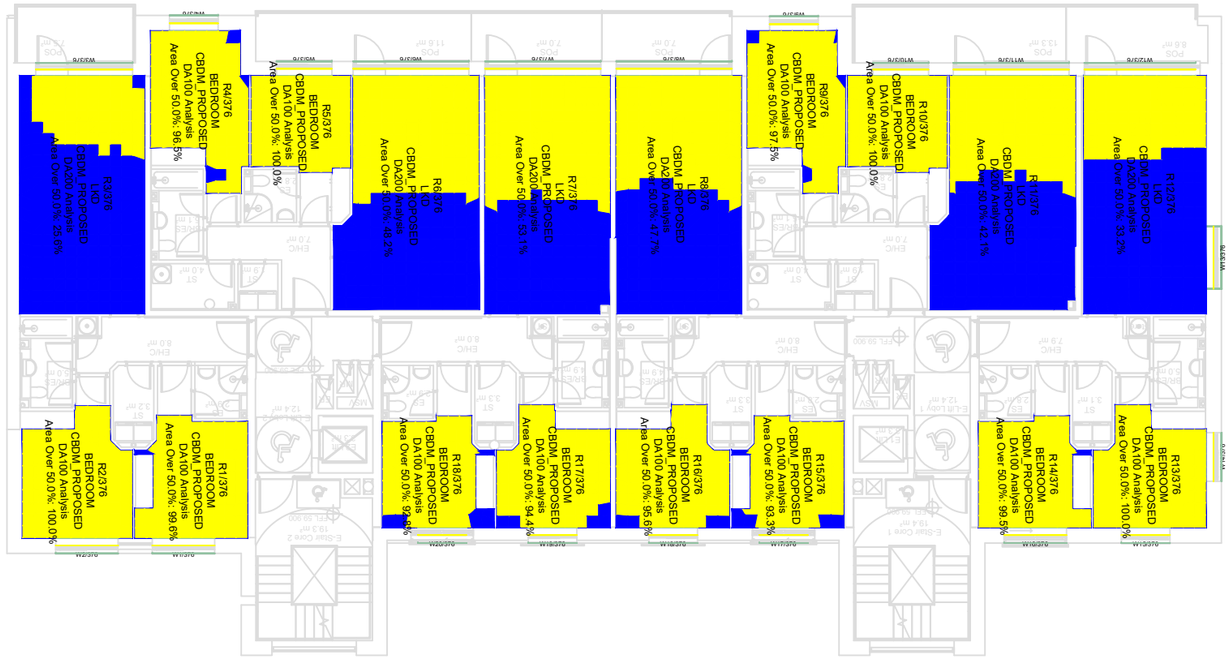
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK E

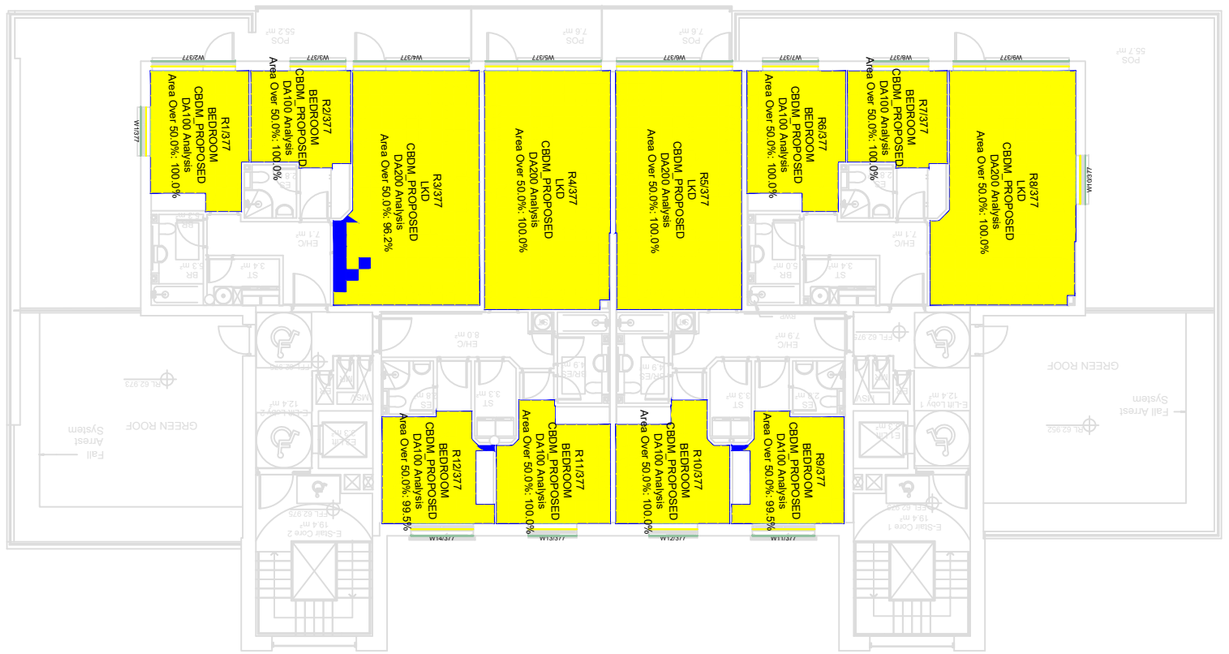
Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12	BRE_27	-

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6TH FLOOR



7TH FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

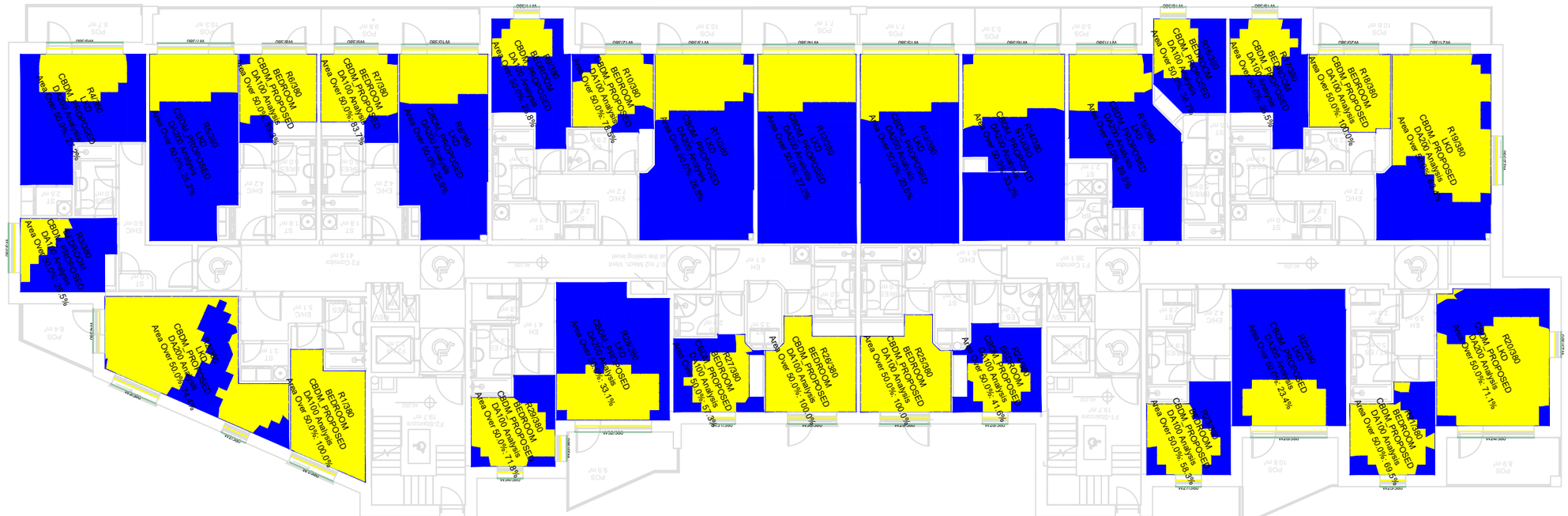
Drawing Title
CBDM UKNA results for
BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

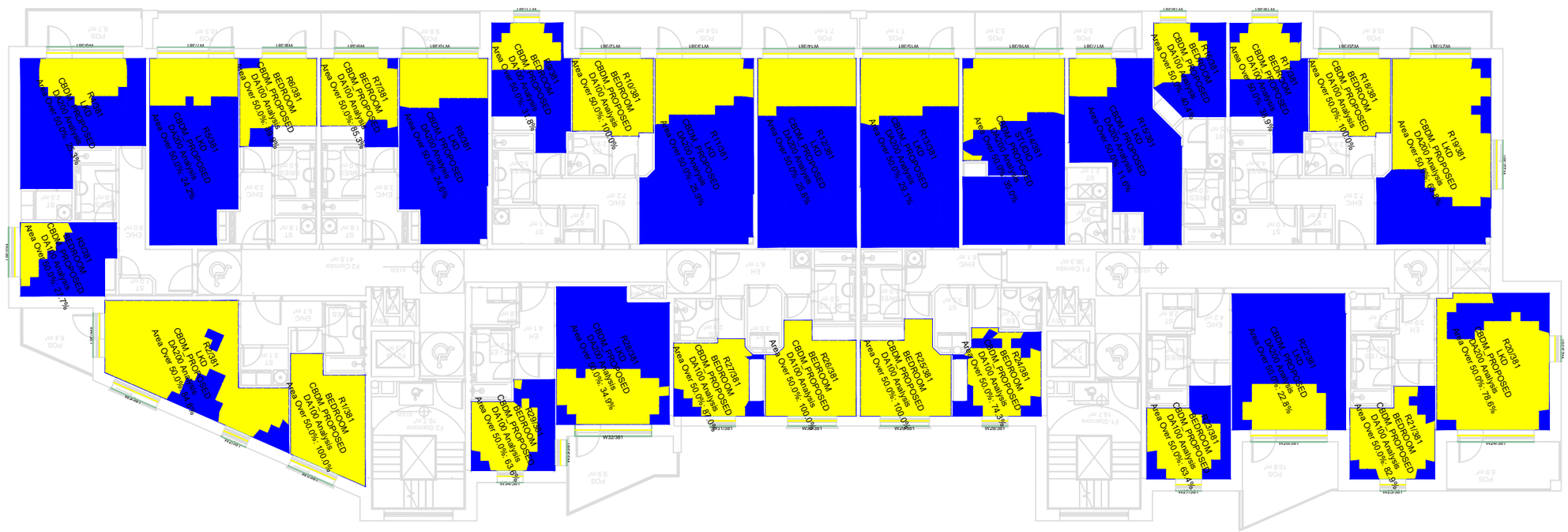
Project No.	Drawing No.	Revision
HA163_12	BRE_28	-

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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

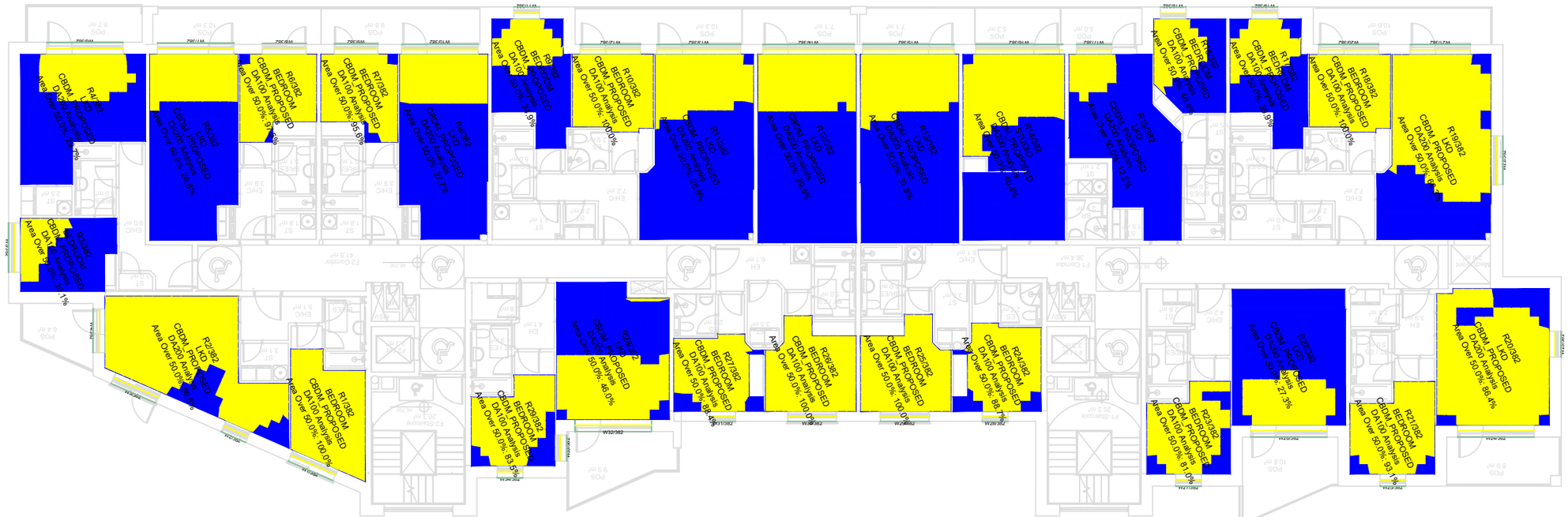
Drawing Title
CBDM UKNA results for
BLOCK F

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

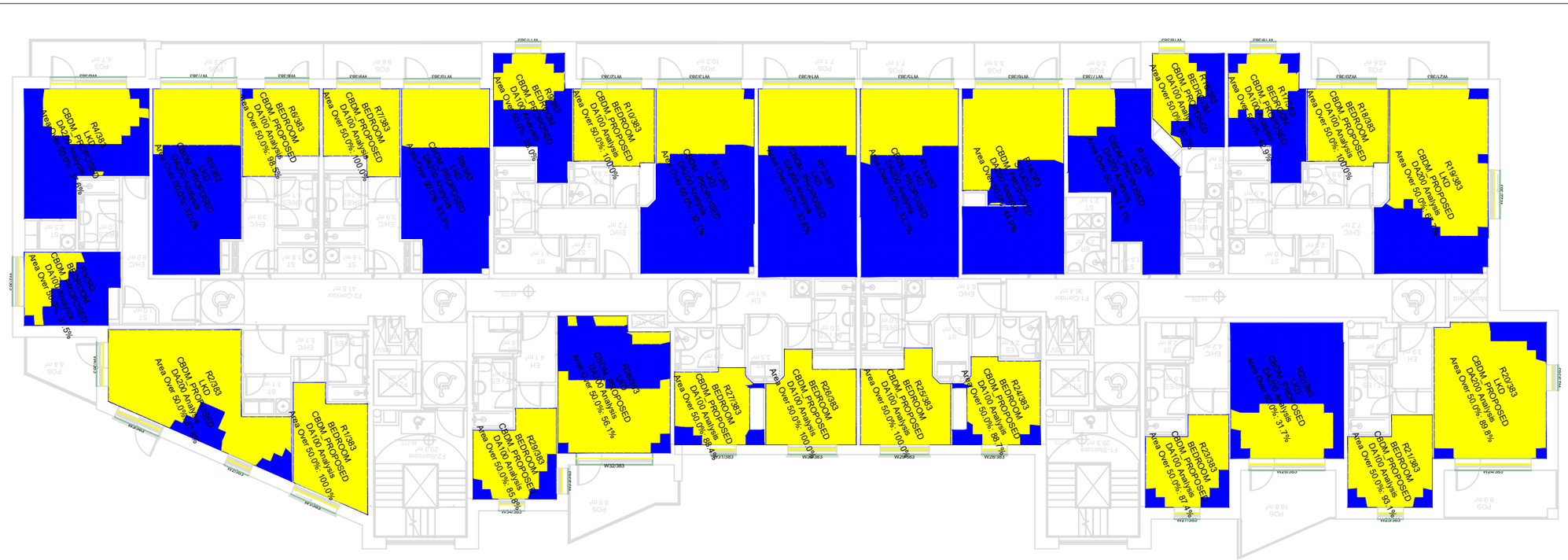
Project No.	Drawing No.	Revision
HA163_12	BRE_29	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK F

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12	BRE_30	-

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Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

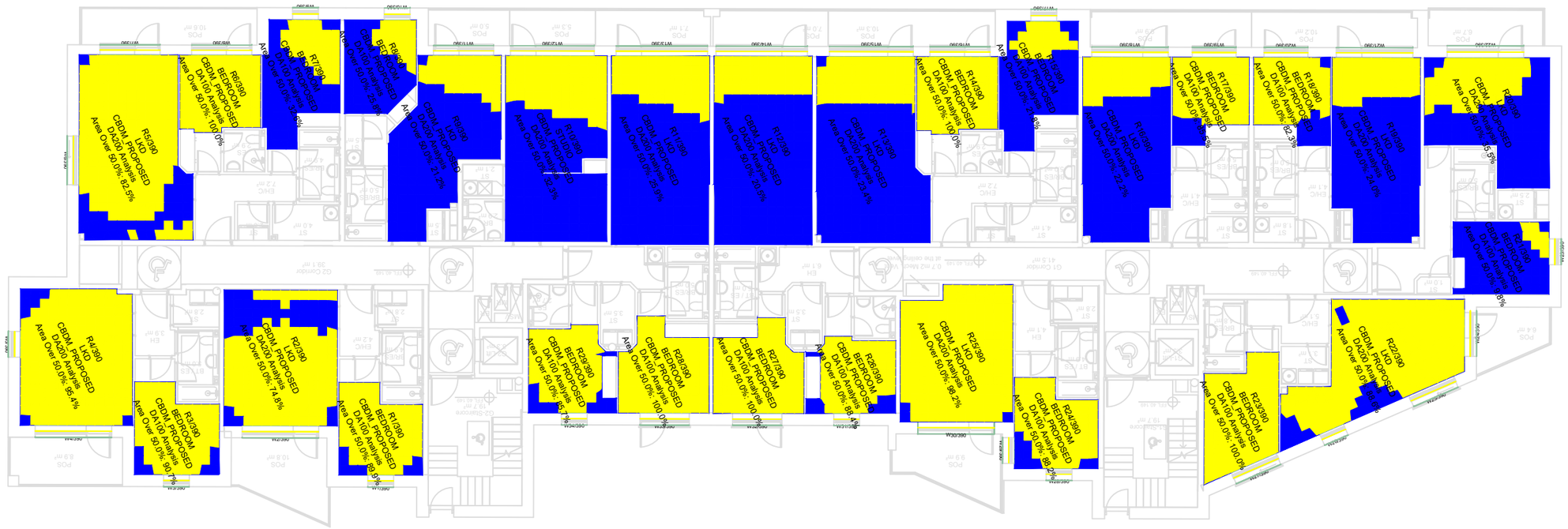
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK F

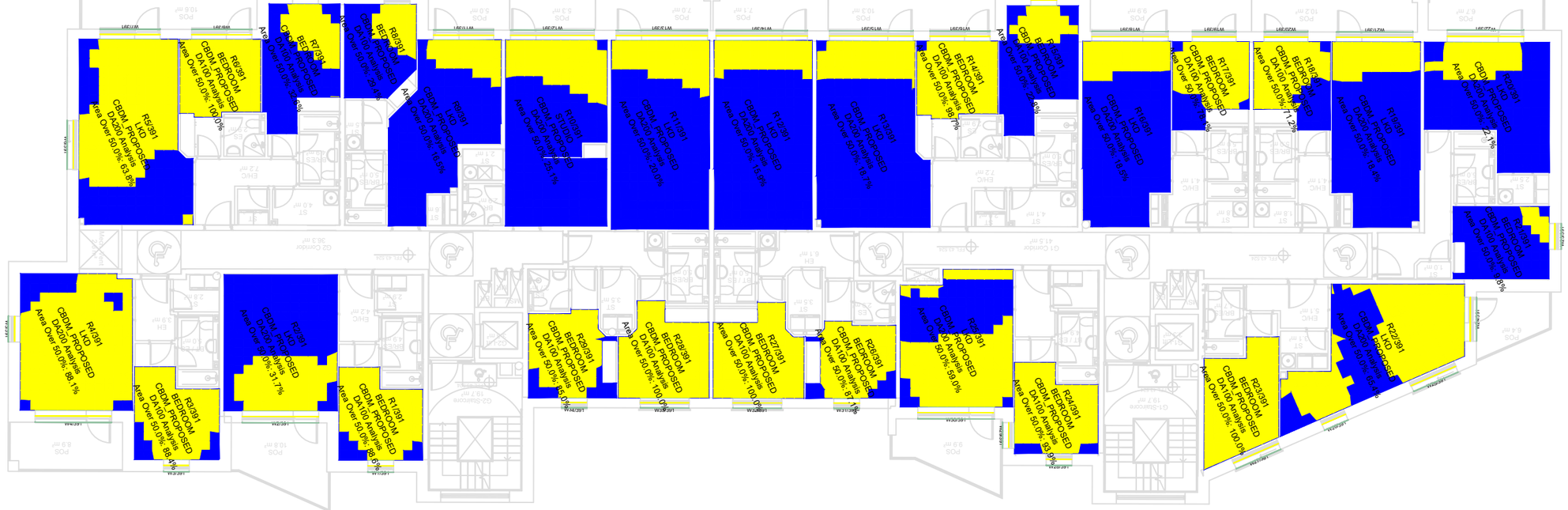
Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12	BRE_31	-

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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

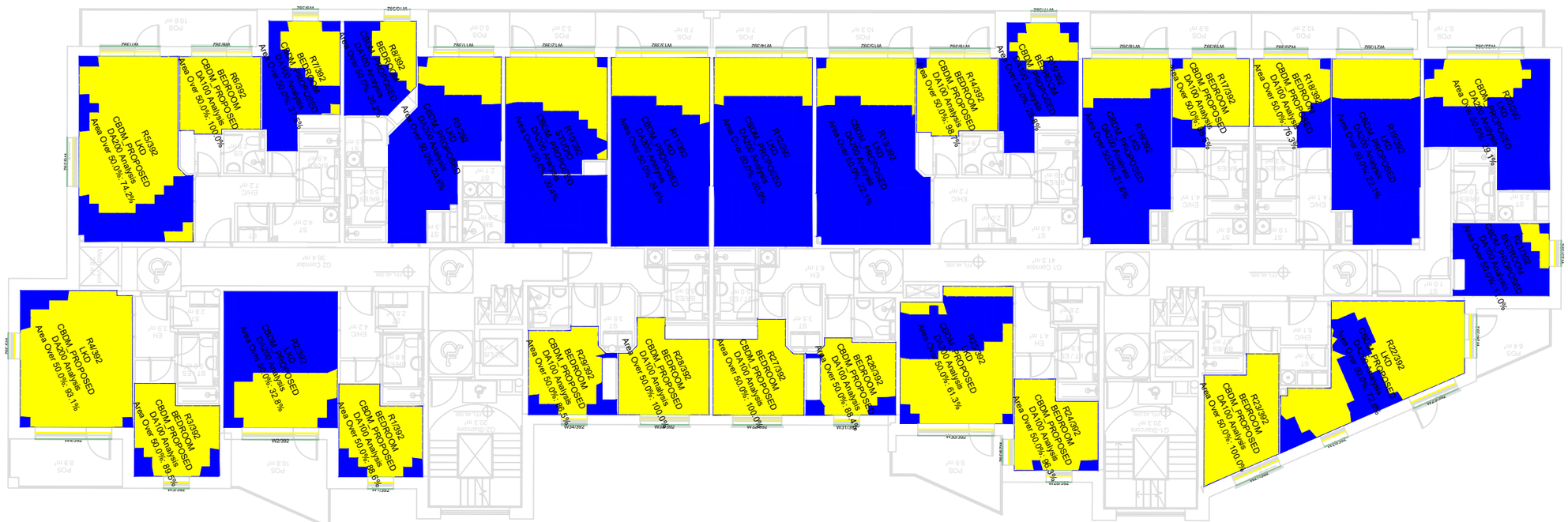
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK G

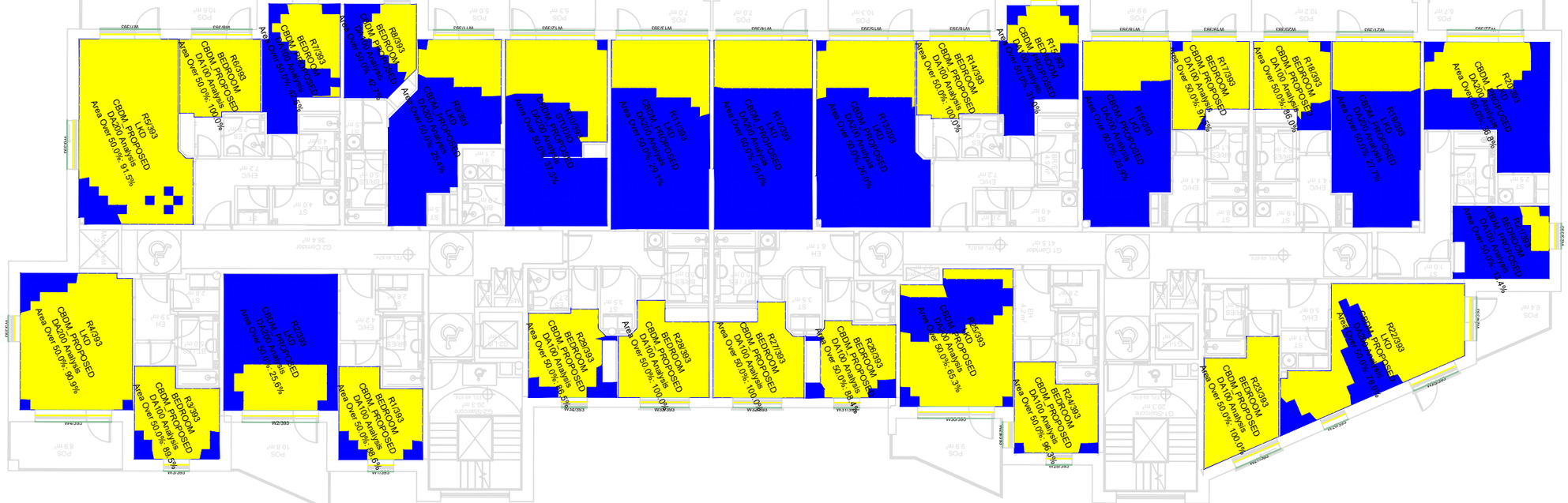
Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12	BRE_32	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK G

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

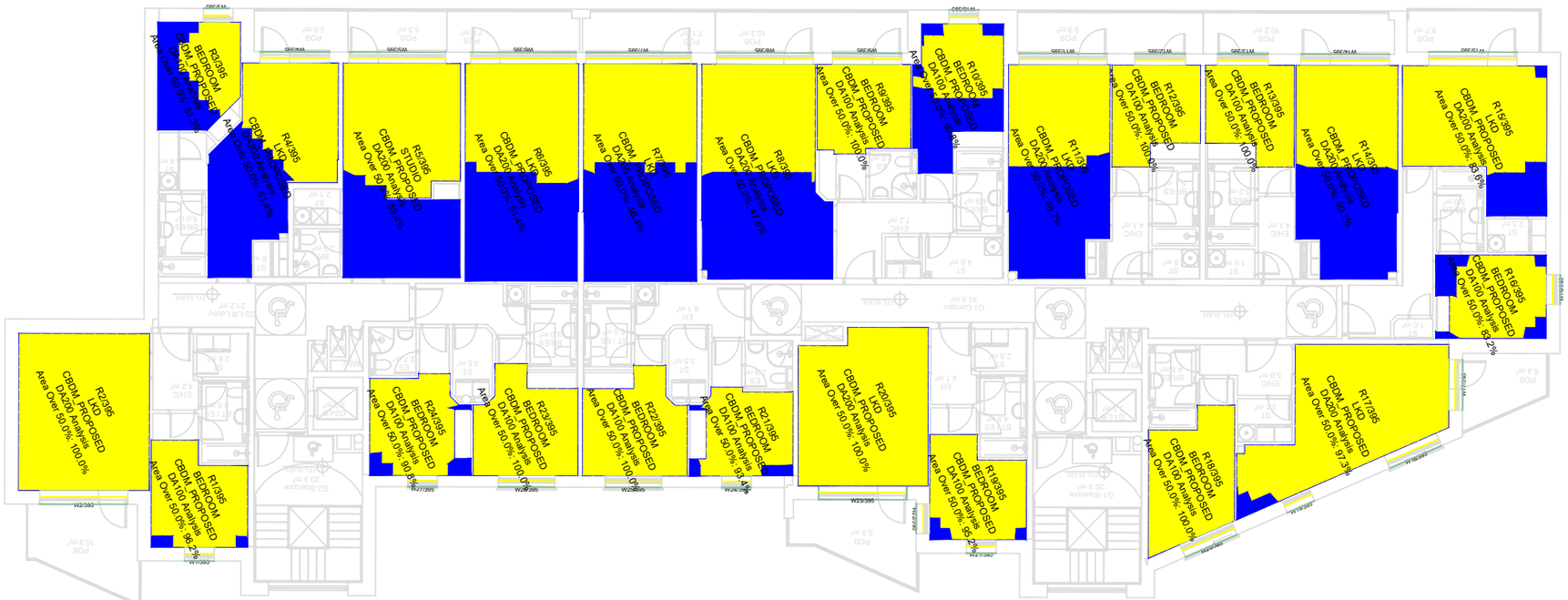
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HA163_12	BRE_33	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy
UK National Annexe

Range: DA100 >100 Lux Bed
DA200 >150 Lux Living
DA200 >200 Lux LKD/KD /Studio

Area analysed

0.0% Area exceeds >100 lux
Area exceeds >150 lux
Area exceeds >200 lux

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK G

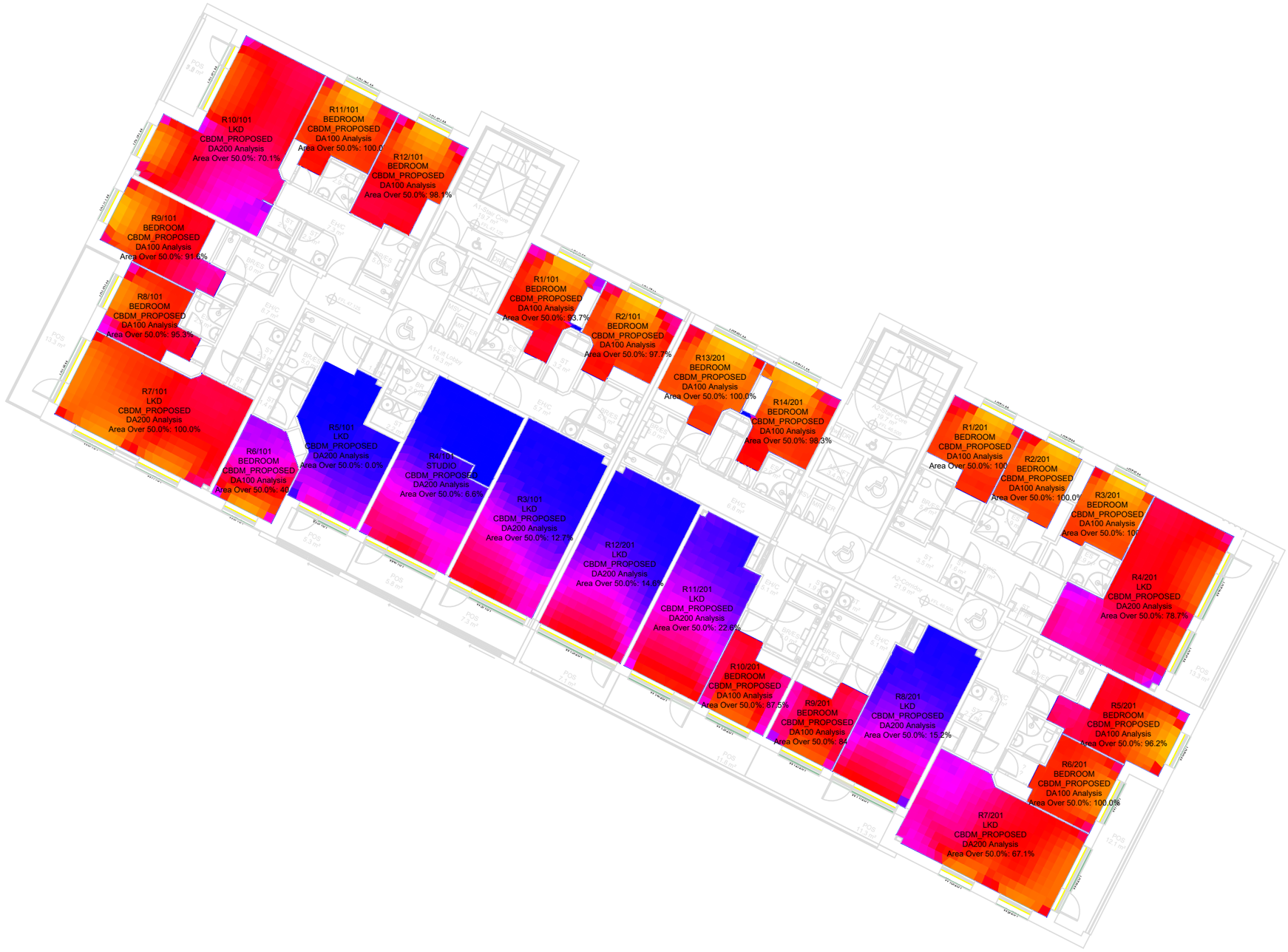
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AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12	BRE_34	-

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N



1ST FLOOR

Key:
Climate Based Daylight Autonomy

% Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

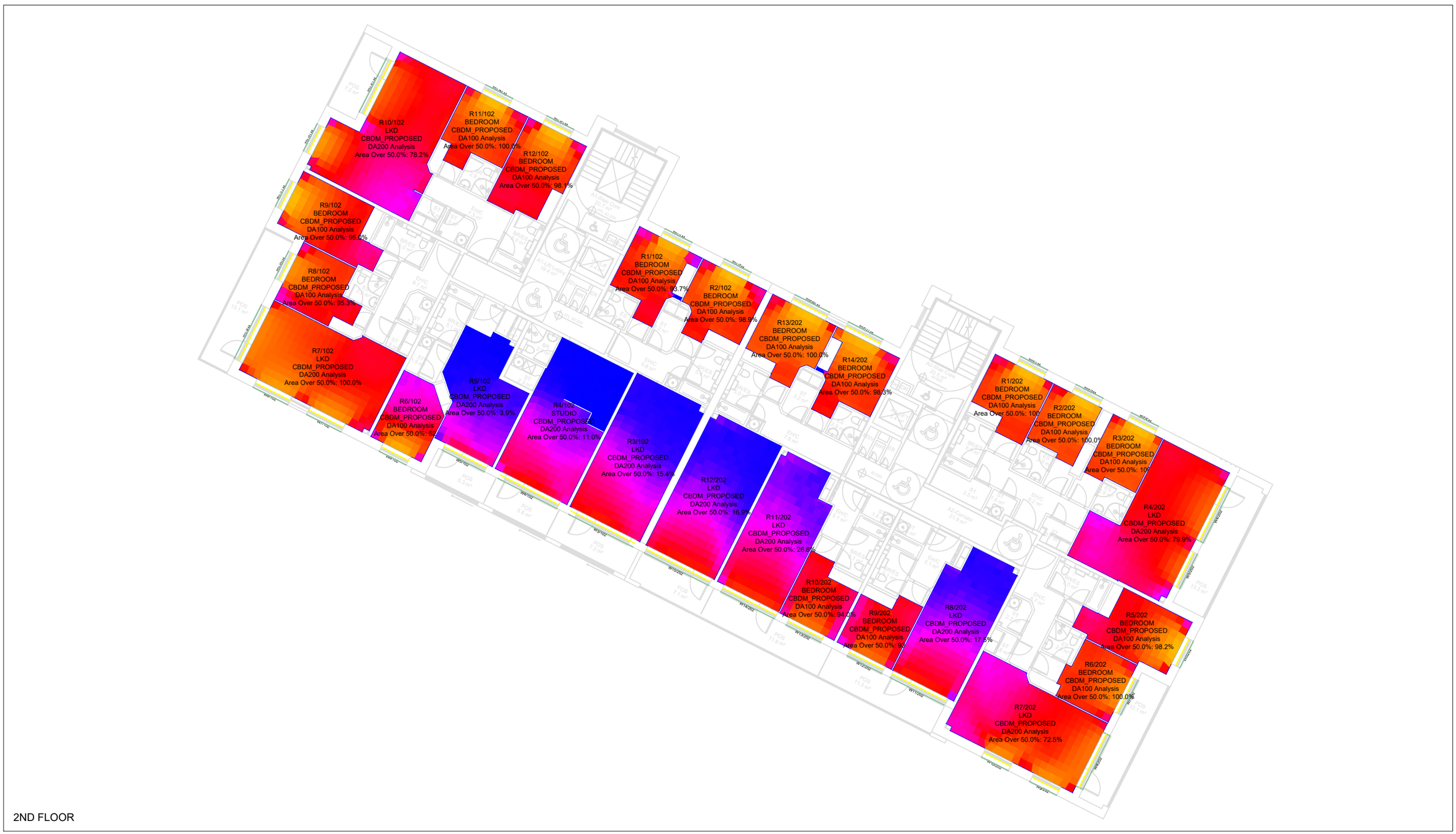
Drawing Title
CBDM UKNA results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12A	BRE_05	-

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2ND FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
40
50
60
70
80
90
100

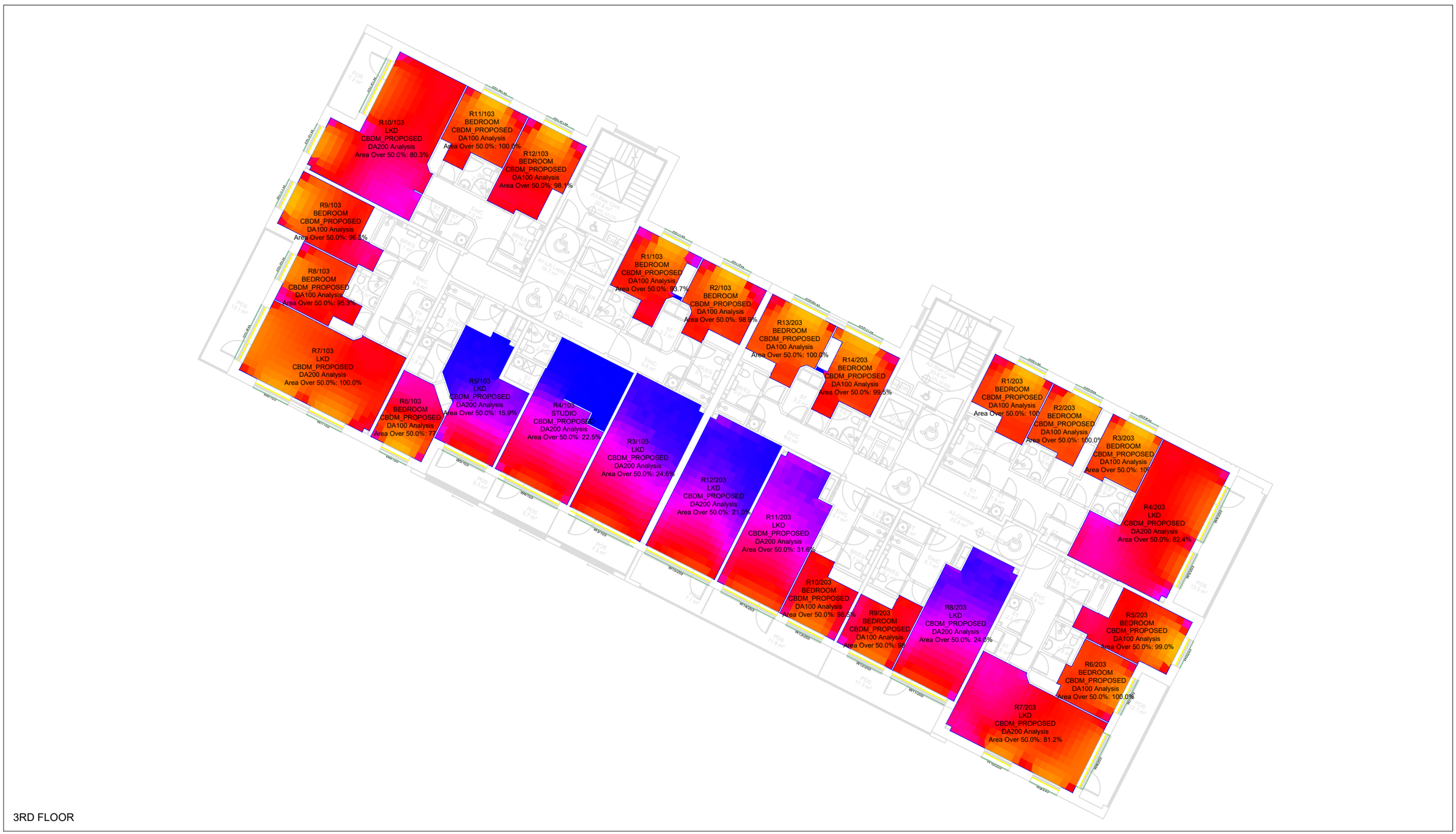
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	20 Feb 2022
Drawing Title			
CBDM UKNA results for BLOCK A	**Project No.**	**Drawing No.**	**Revision**
	HA163_12A	BRE_06	-

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3RD FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

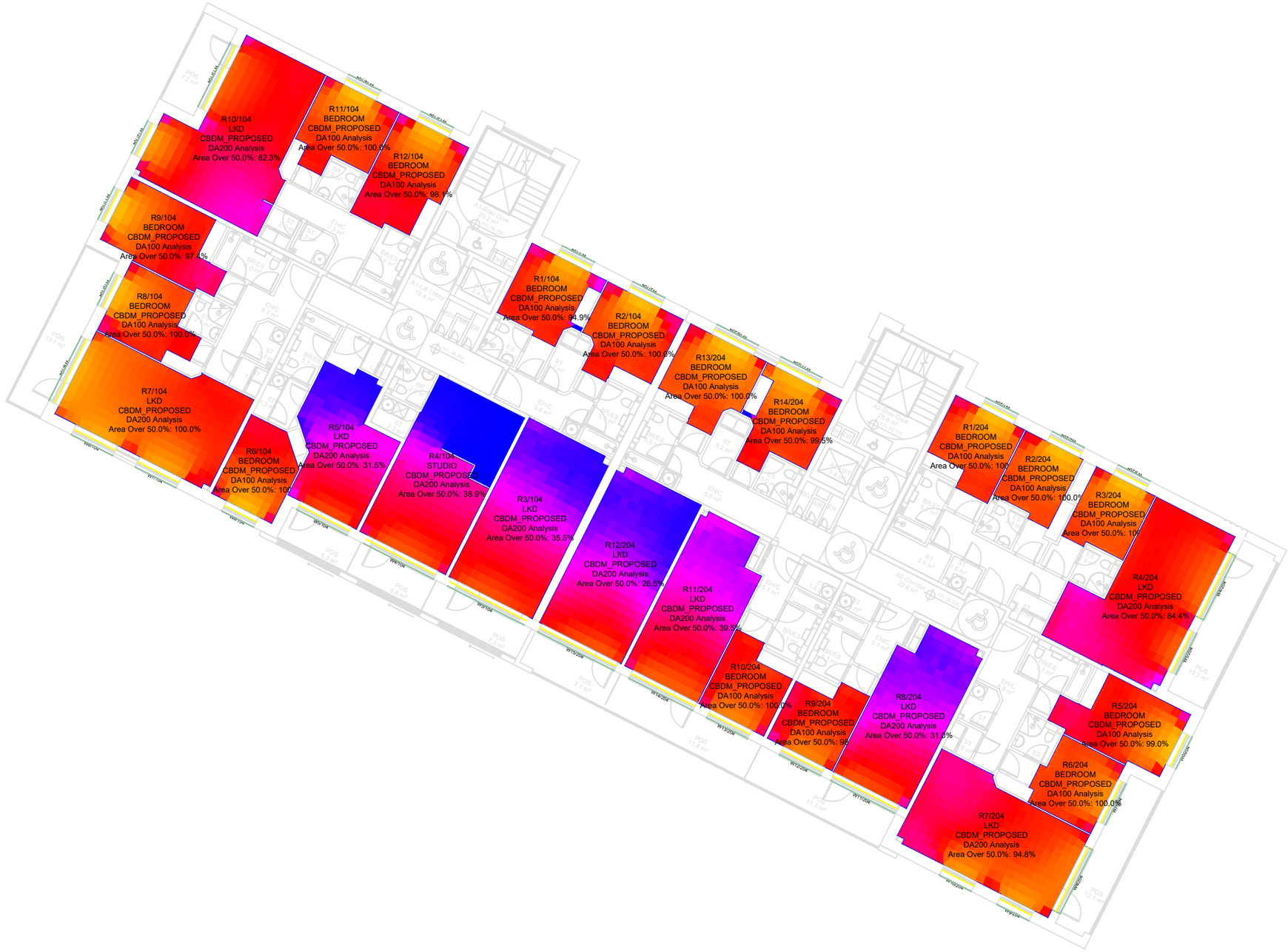
Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	20 Feb 2022
Drawing Title			
CBDM UKNA results for BLOCK A	**Project No.**	**Drawing No.**	**Revision**
	HA163_12A	BRE_07	-

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N



4TH FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

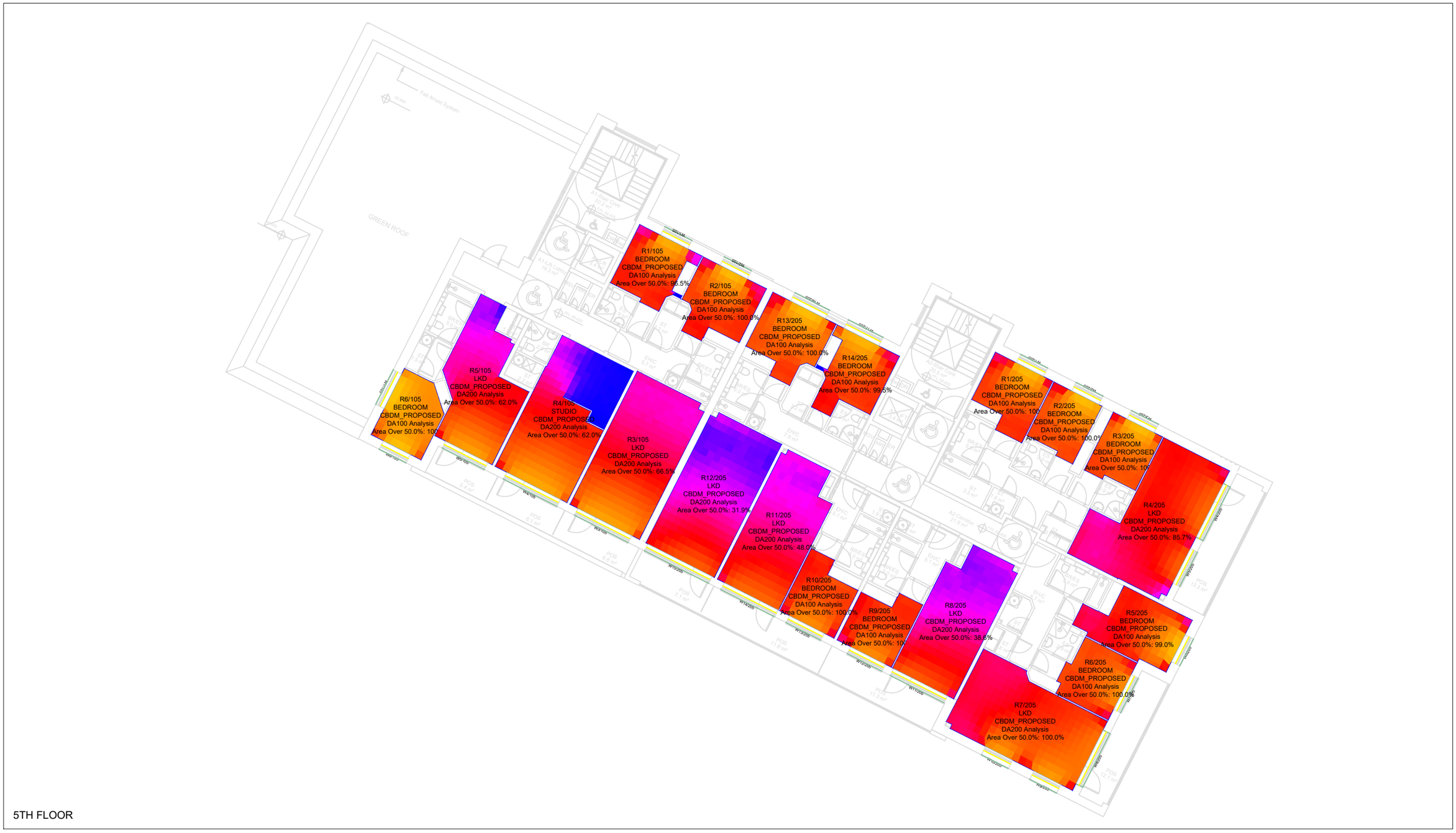
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12A	BRE_08	-

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5TH FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
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50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

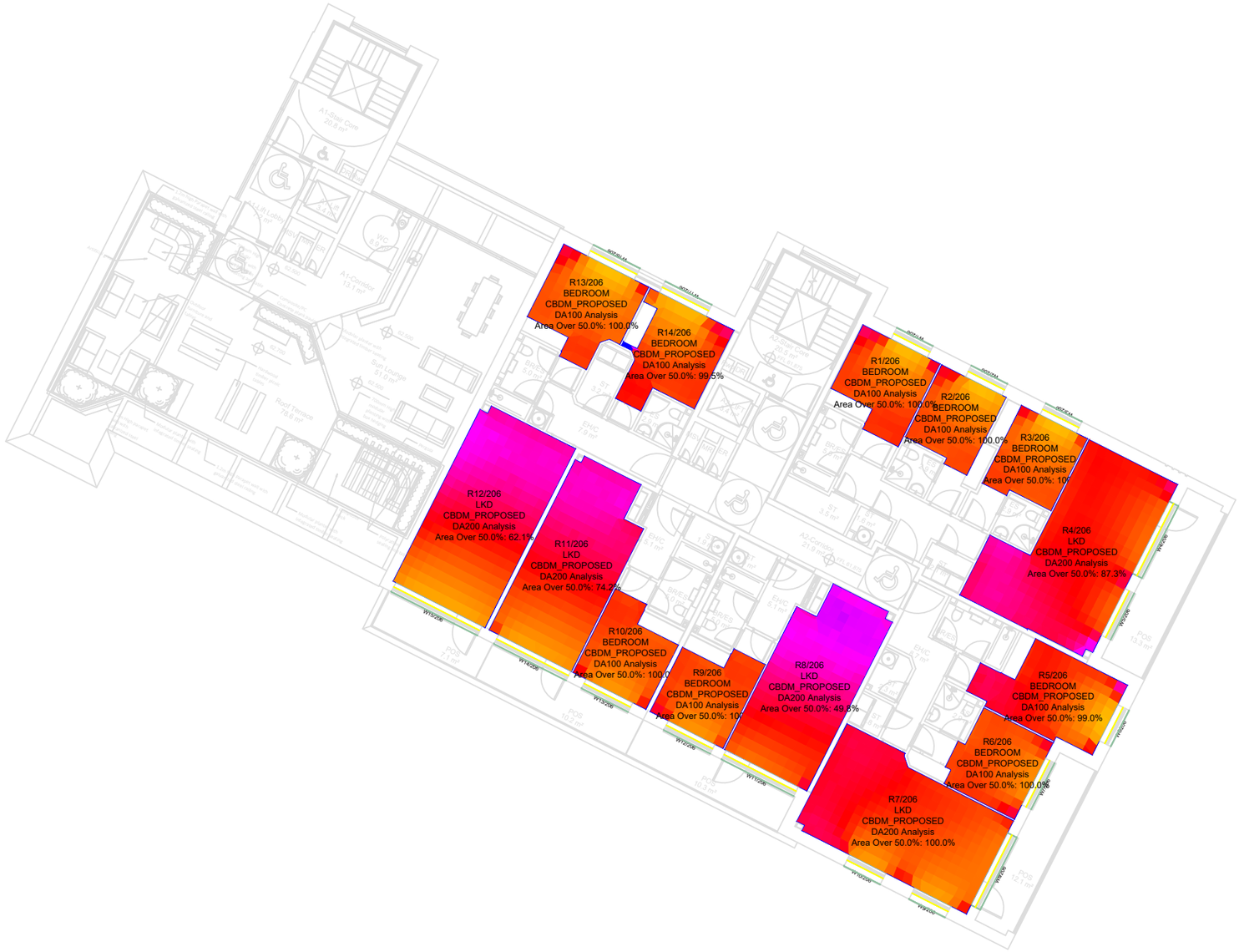
Drawing Title
CBDM UKNA results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12A	BRE_09	-

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N



6TH FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	14. 2D INFO 02 FEB 2021 Architects Plans and elevation dwgs	N/A

Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK A

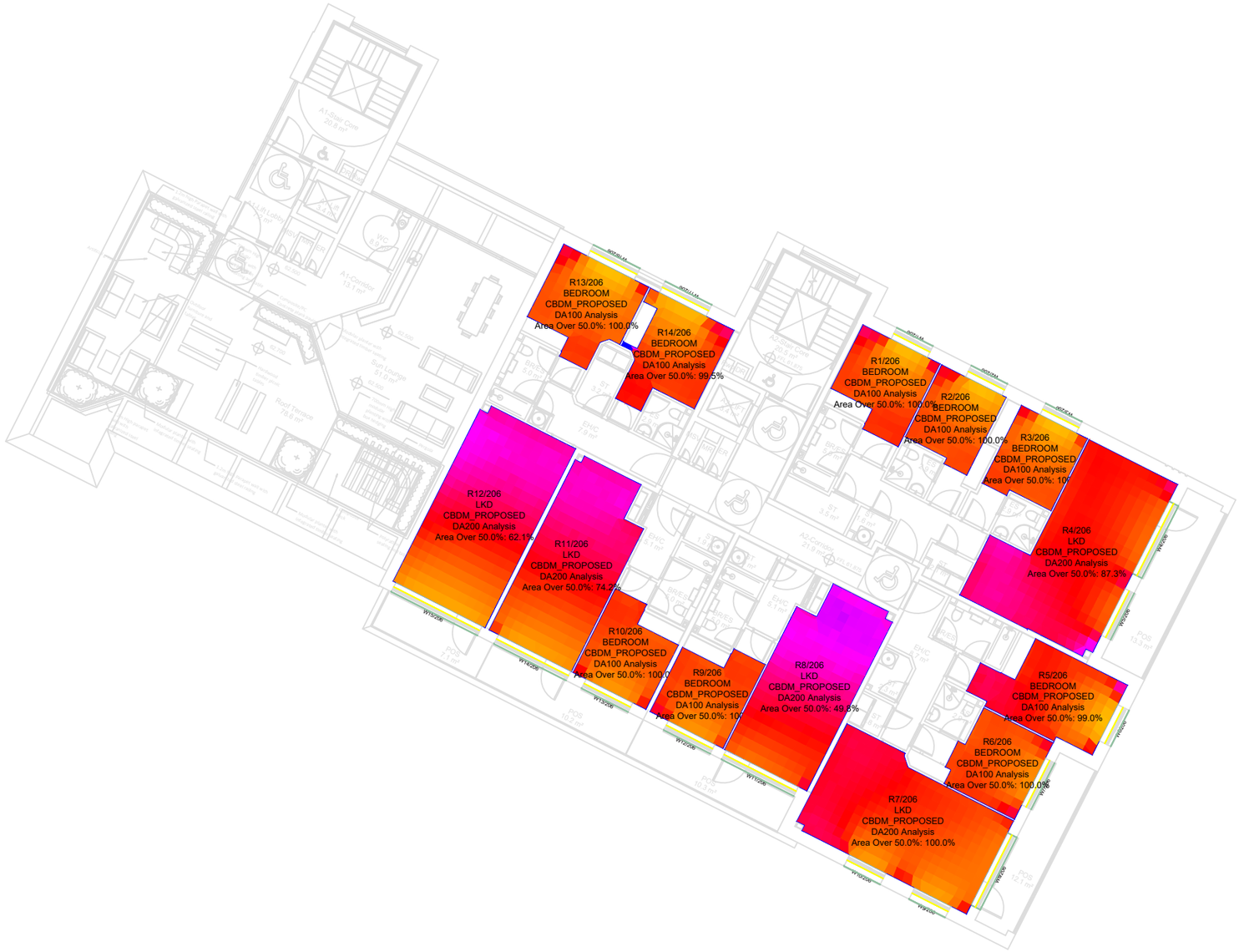
Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12A	BRE_10	-

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N



7TH FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
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40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

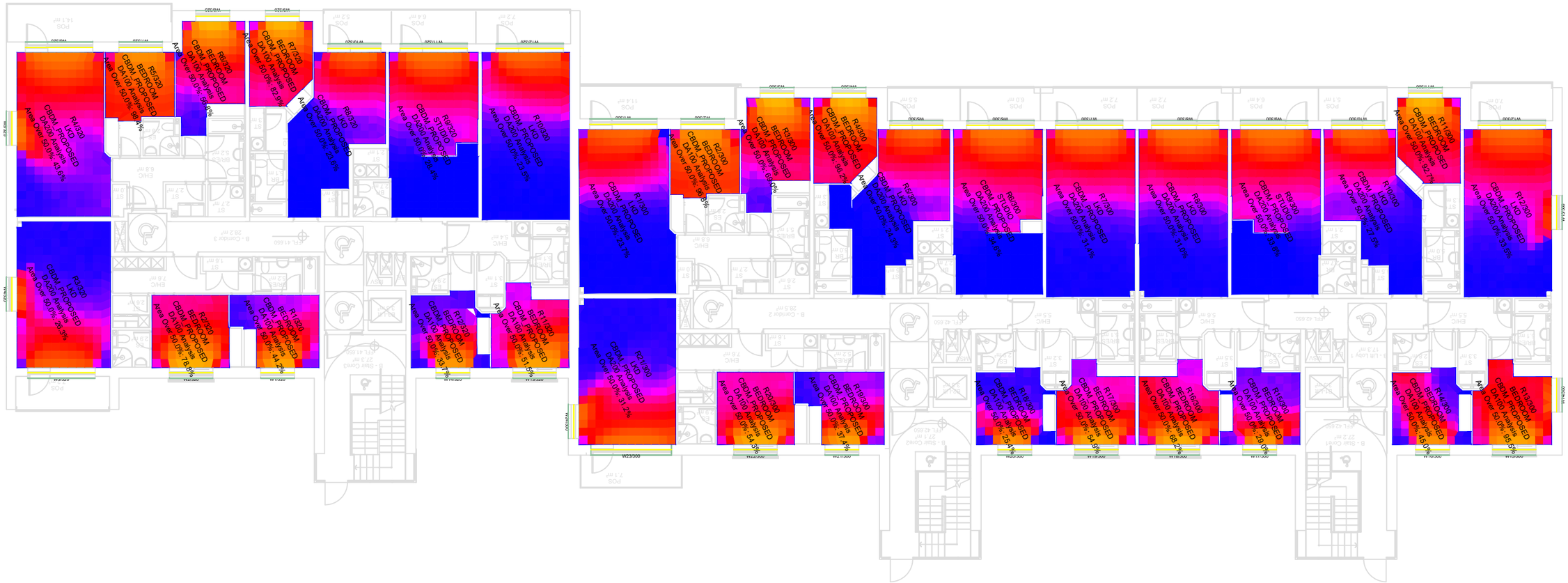
Drawing Title
CBDM UKNA results for
BLOCK A

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12A	BRE_11	-

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GROUND FLOOR

Key:
Climate Based Daylight Autonomy

% Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

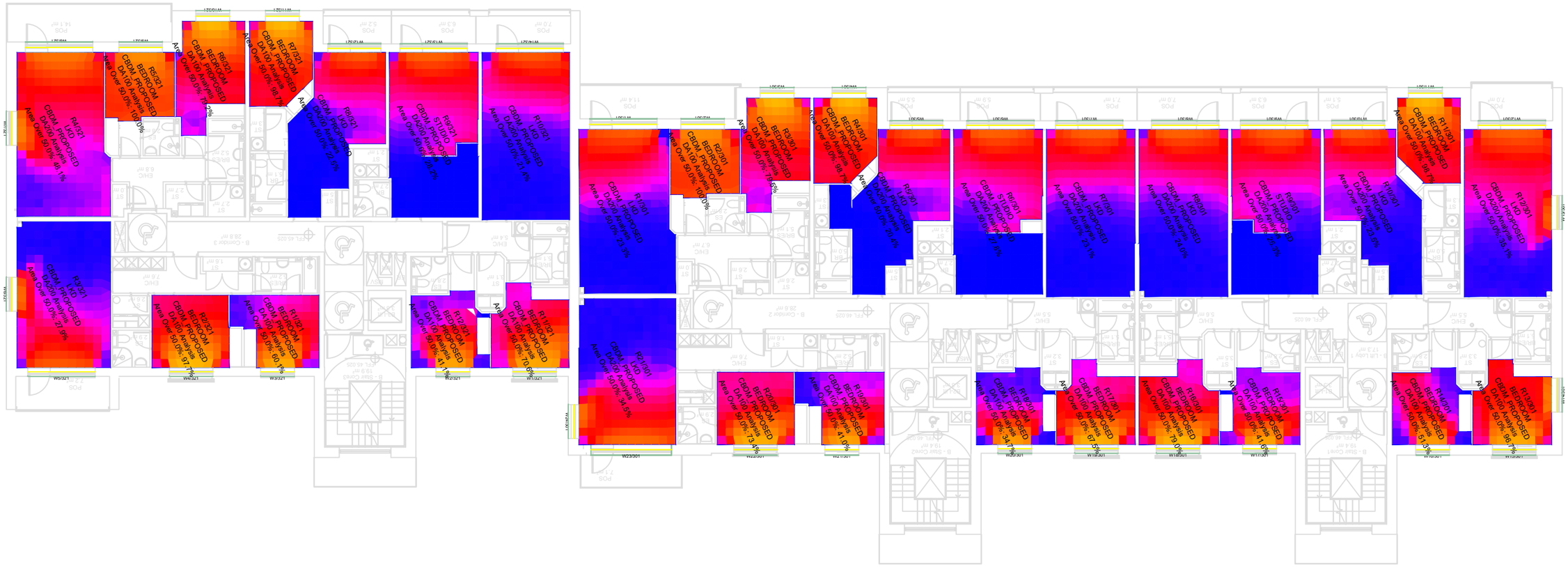
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12A	BRE_12	-

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1ST FLOOR

Key:
Climate Based Daylight Autonomy

% Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

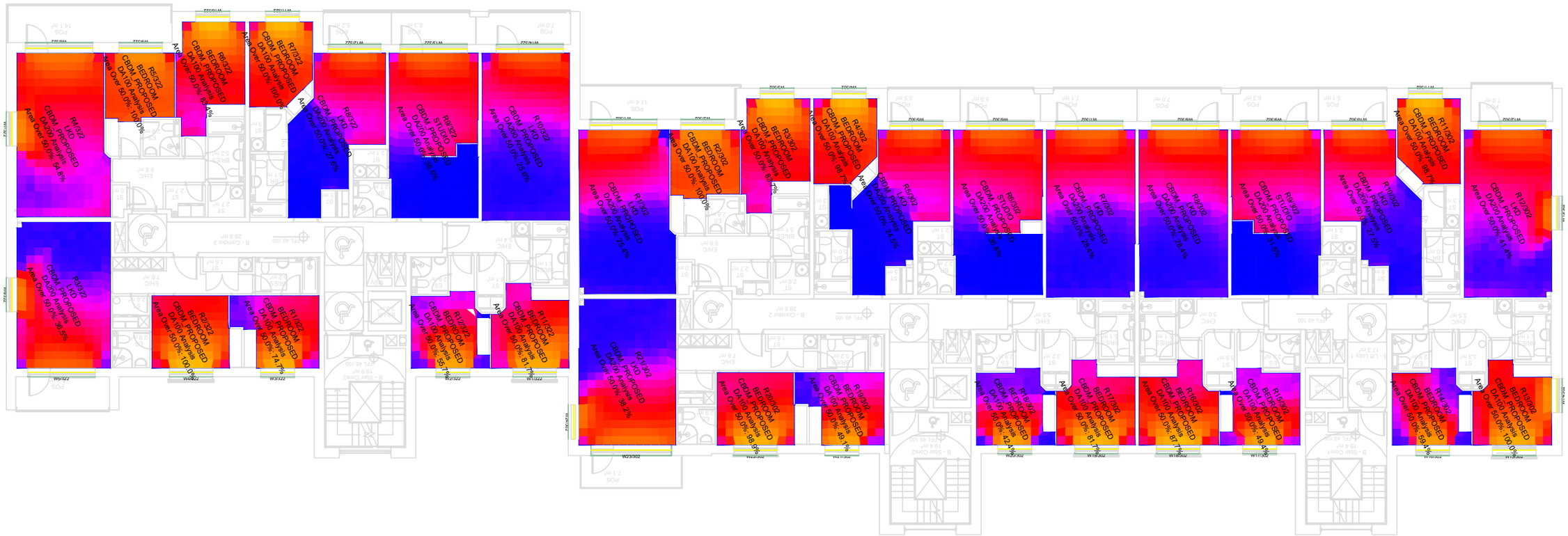
Drawing Title
CBDM UKNA results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12A	BRE_13	-

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2ND FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
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100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

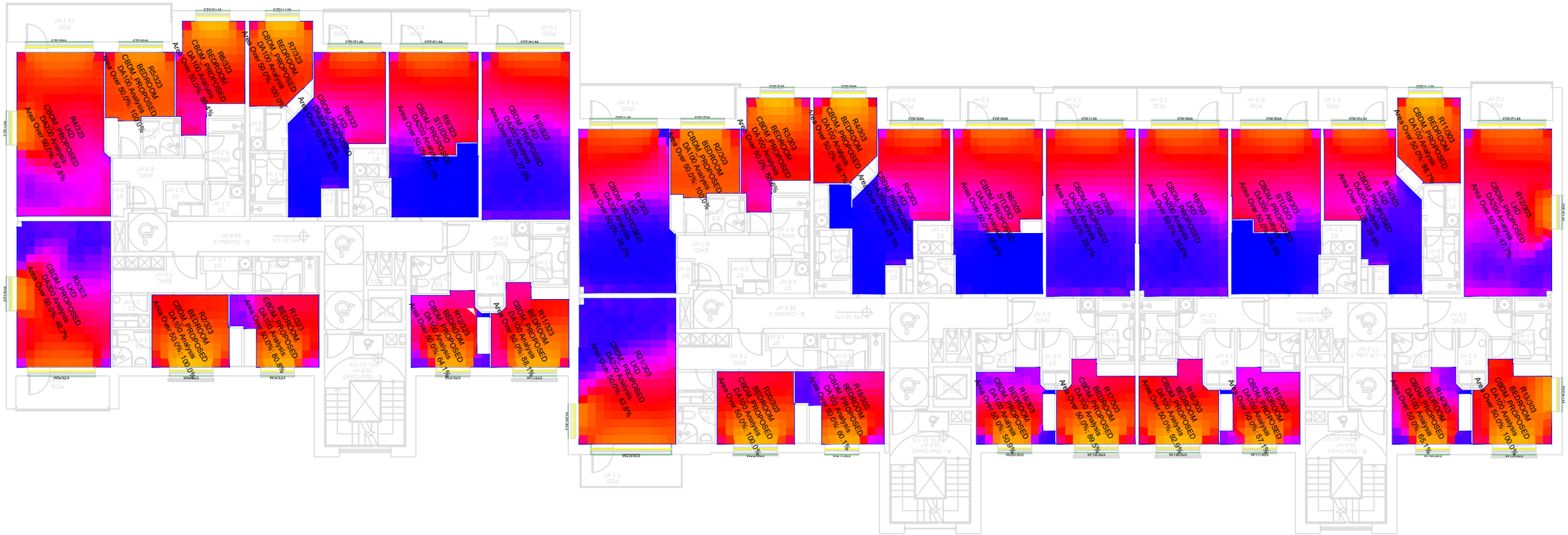
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12A	BRE_14	-

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3RD FLOOR

Key:
Climate Based Daylight Autonomy

% Occurrence:
0
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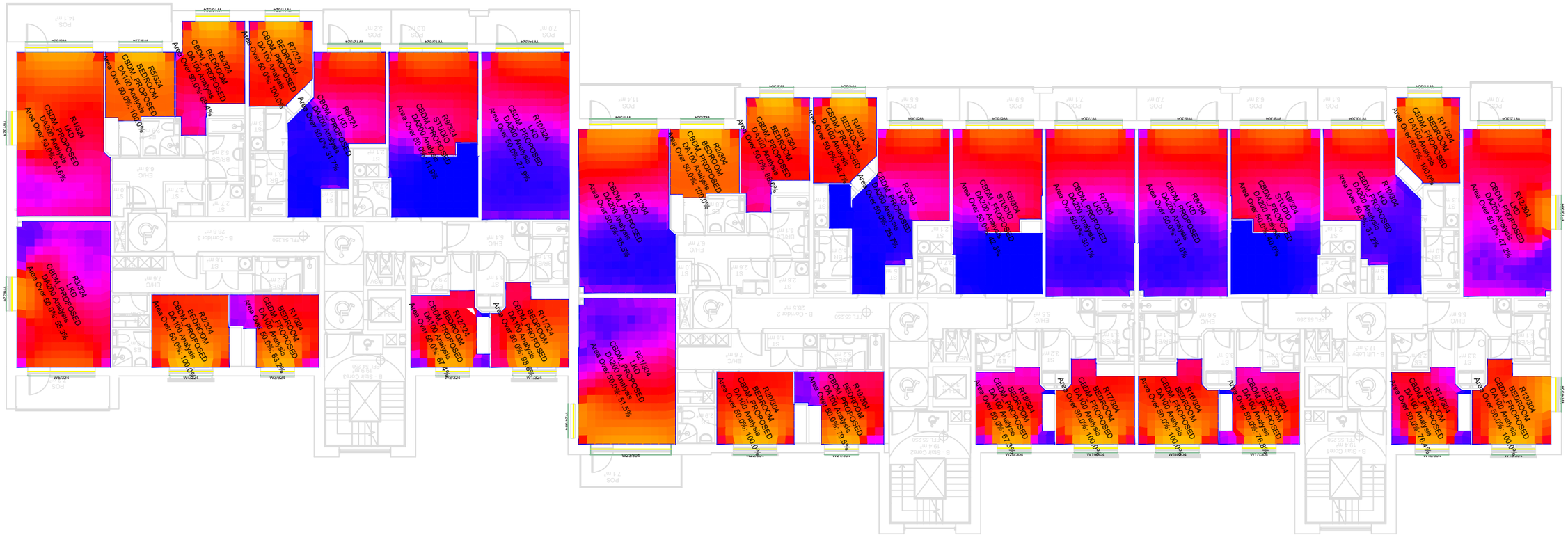
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	20 Feb 2022
Drawing Title			
CBDM UKNA results for			
BLOCK B	**Project No.**	**Drawing No.**	**Revision**
	HA163_12A	BRE_15	-

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4TH FLOOR

Key:
Climate Based Daylight Autonomy

% Occurrence:
- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

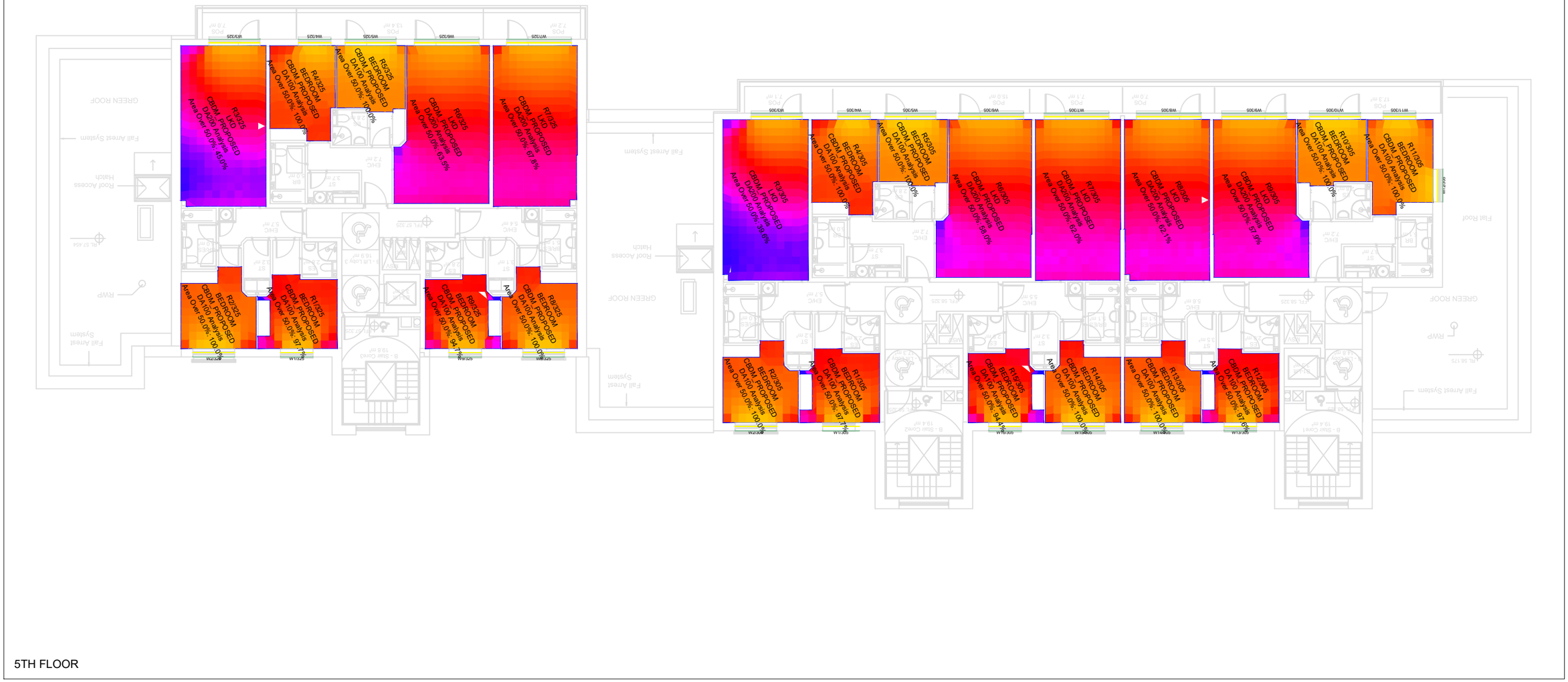
Drawing Title
CBDM UKNA results for
BLOCK B

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12A	BRE_16	-

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5TH FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
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60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

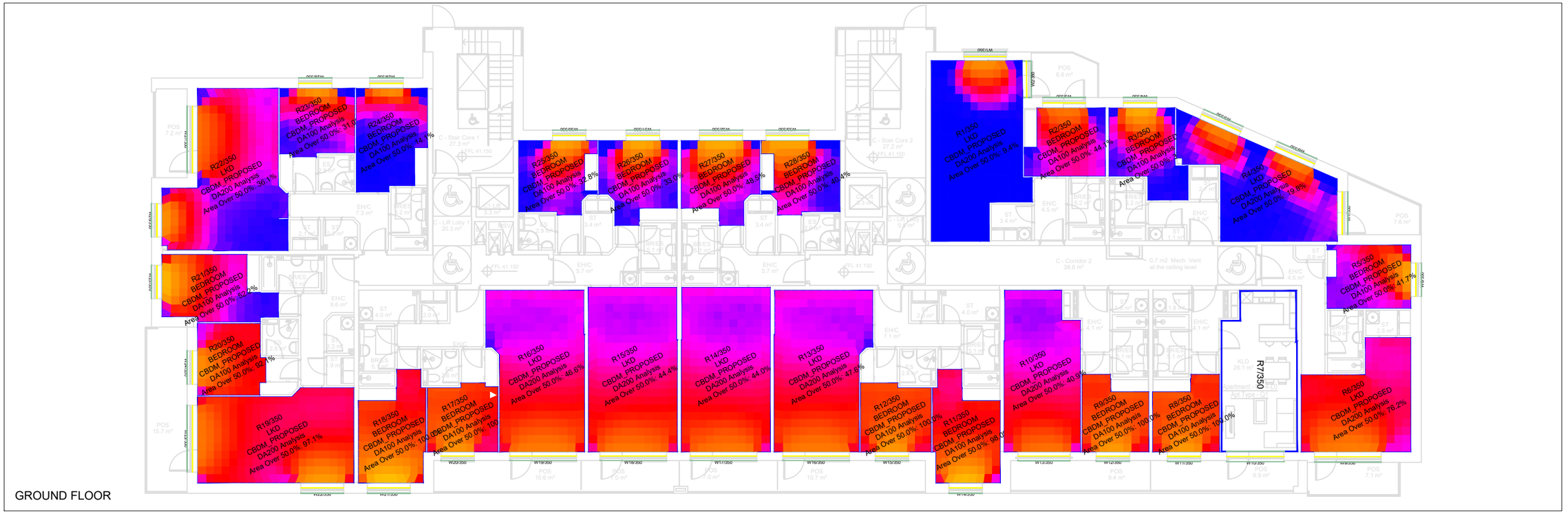
Drawing Title
CBDM UKNA results for
BLOCK B

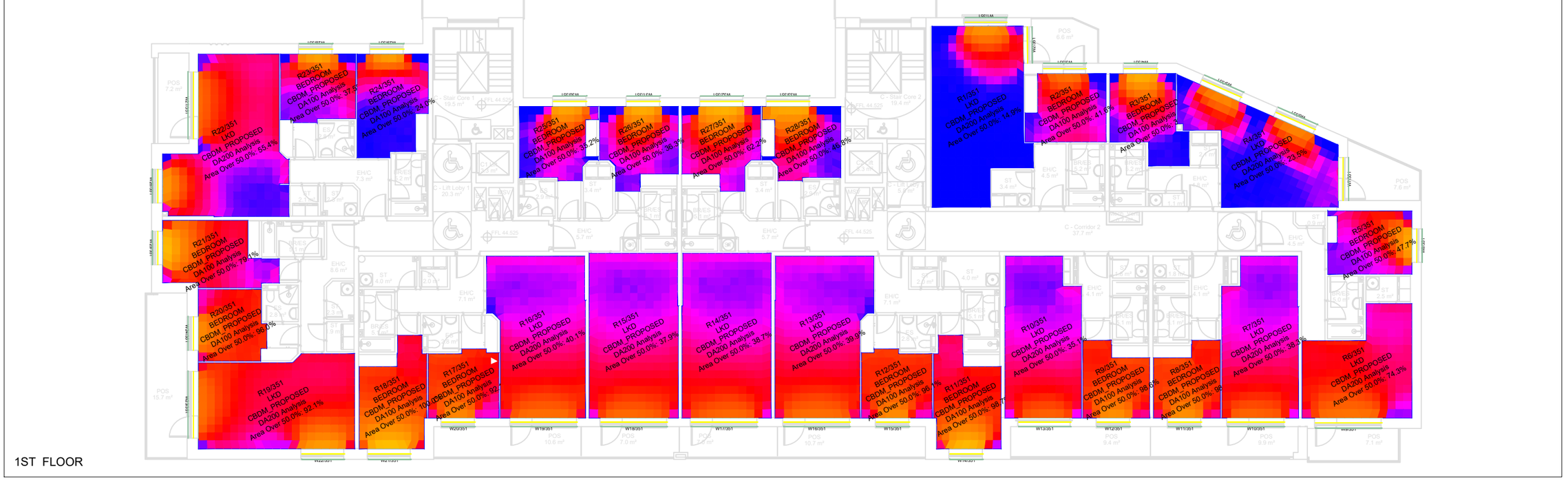
Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12A	BRE_17	-

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Key:

Climate Based Daylight Autonomy

% Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

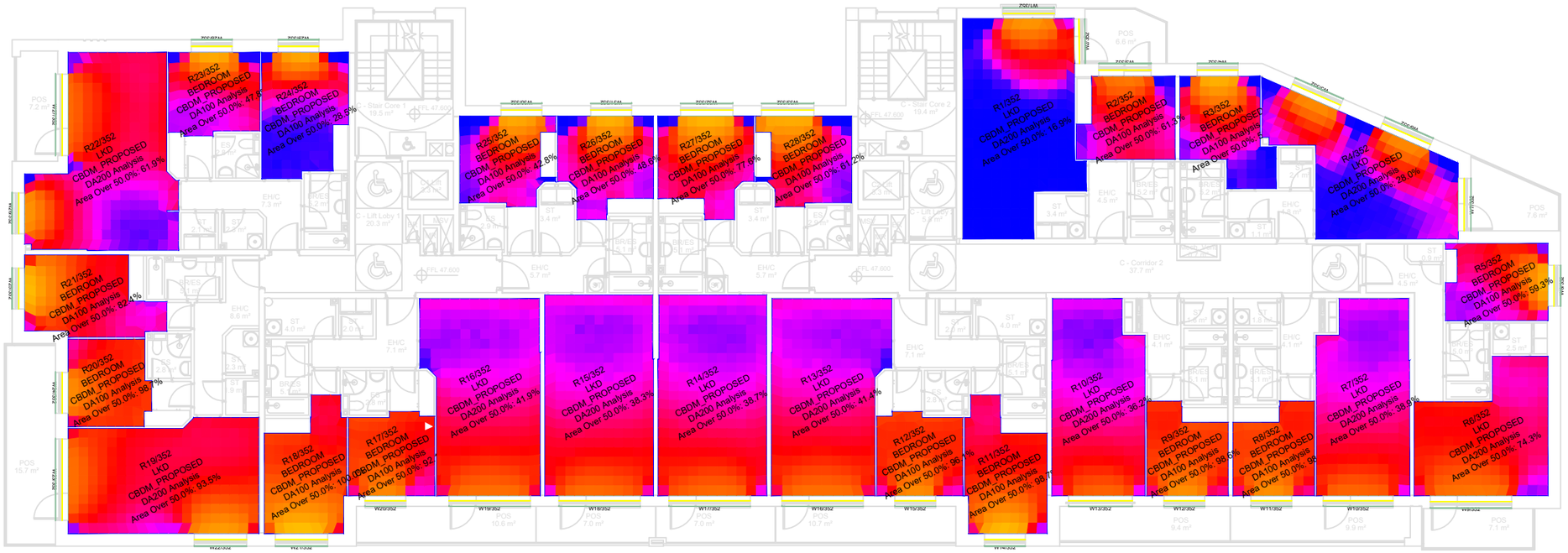
Drawing Title
CBDM UKNA results for
BLOCK C

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

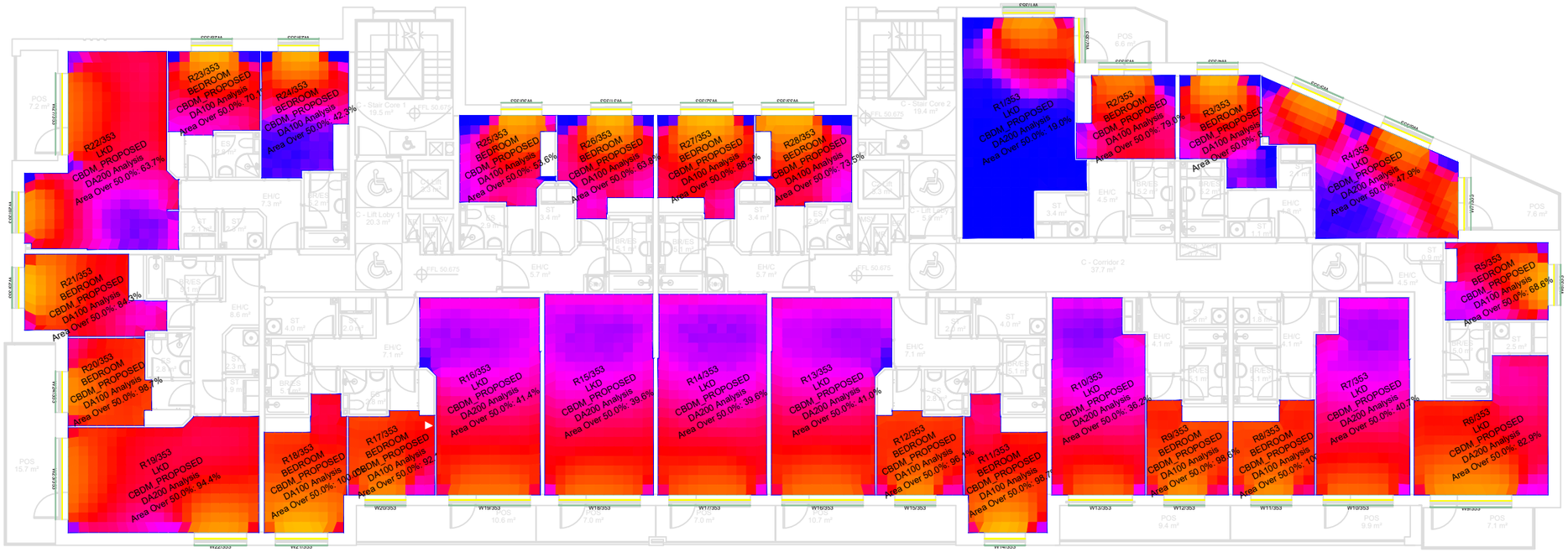
Project No.	Drawing No.	Revision
HA163_12A	BRE_18	-

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2ND FLOOR



3RD FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
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90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

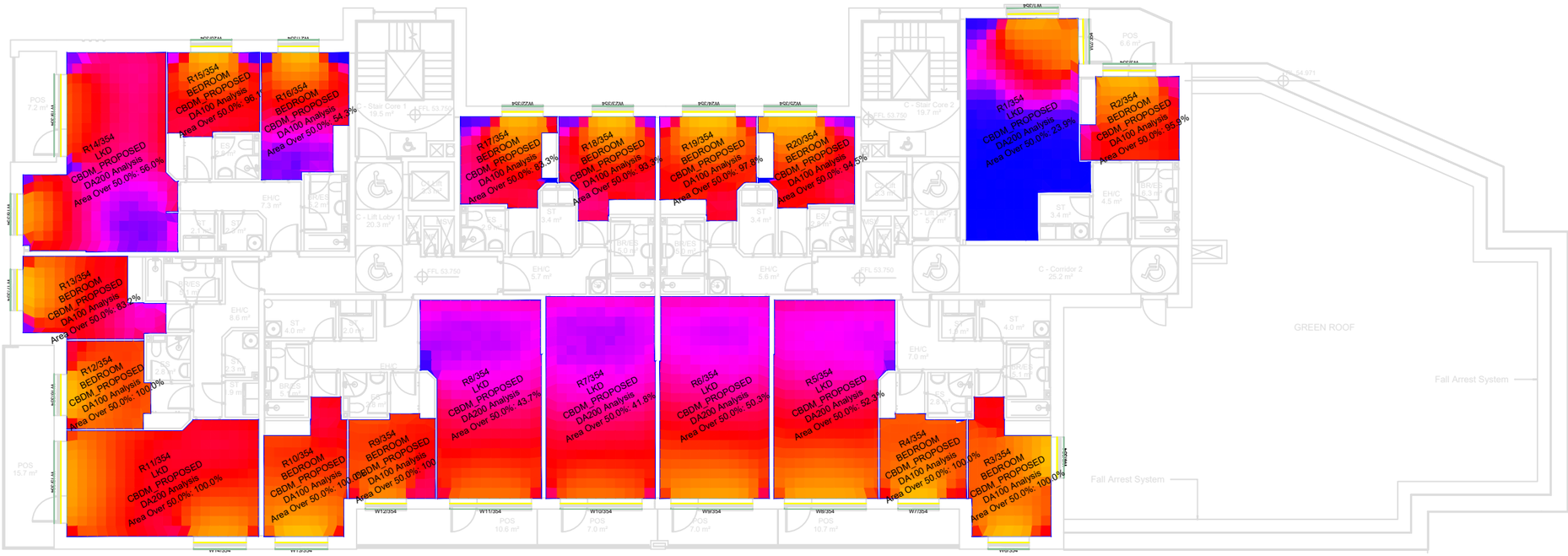
Drawing Title
CBDM UKNA results for
BLOCK C

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12A	BRE_19	-

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4TH FLOOR



5TH FLOOR

Key:

Climate Based Daylight Autonomy

% Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

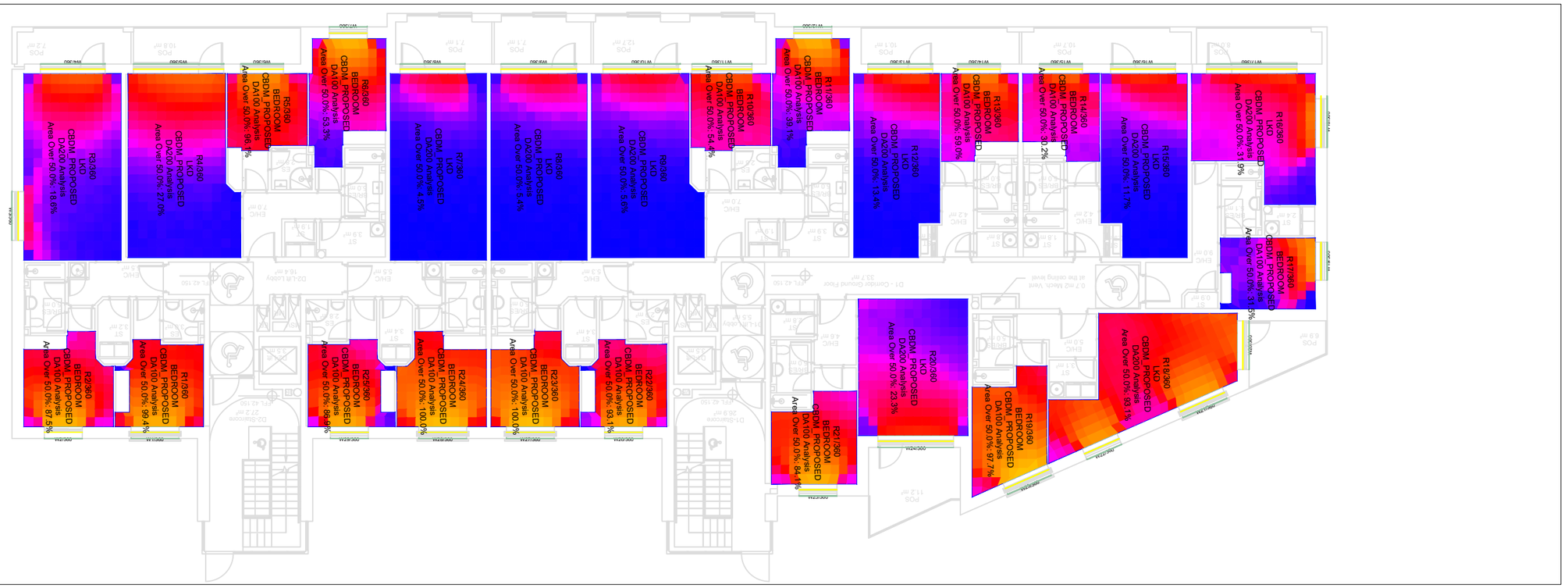
Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name	Drawn By	Scale @ A3	Date
Hartfield Place, Dublin	AC	1/200	20 Feb 2022
Drawing Title			
CBDM UKNA results for	Project No.	Drawing No.	Revision
BLOCK C	HA163_12A	BRE_20	-

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GROUND FLOOR

1ST FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
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60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

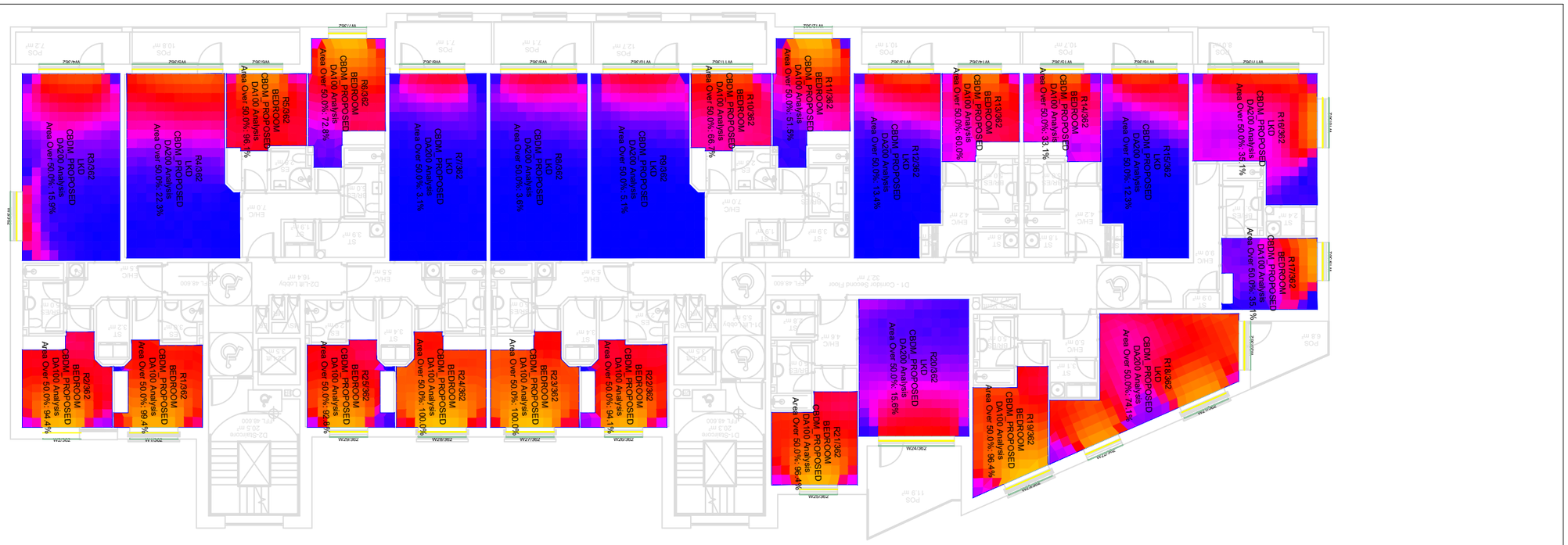
Drawing Title
CBDM UKNA results for
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

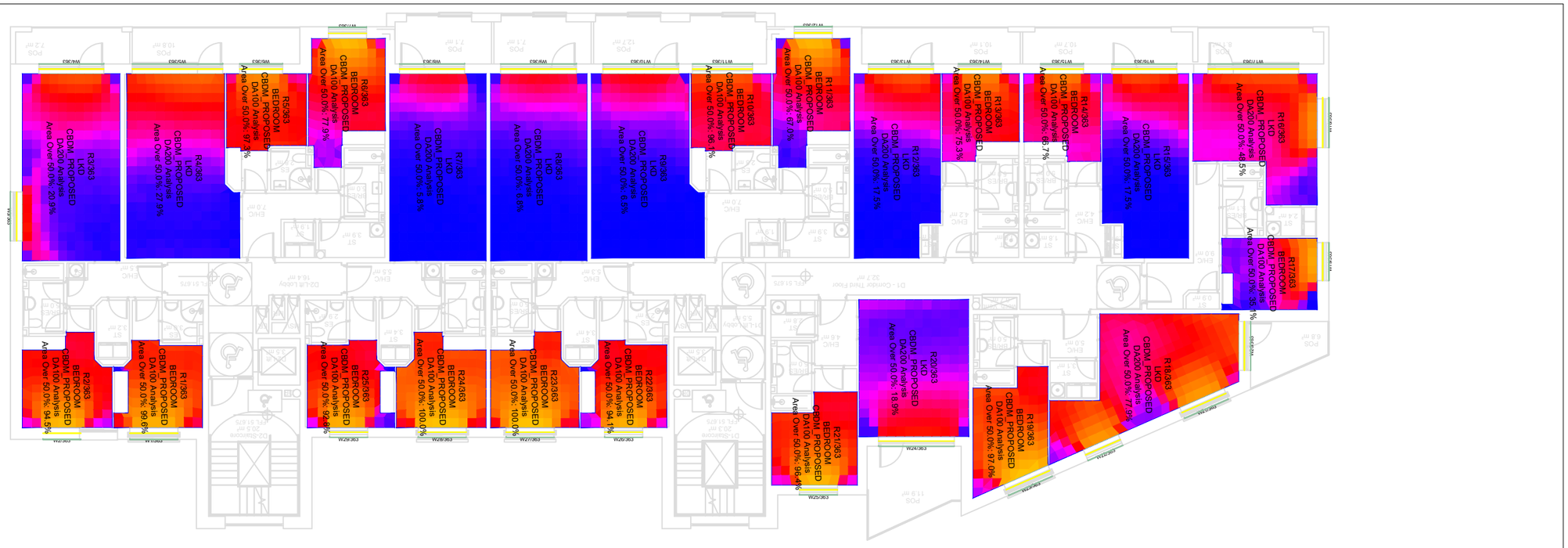
Project No.	Drawing No.	Revision
HA163_12A	BRE_21	-

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2ND FLOOR



3RD FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

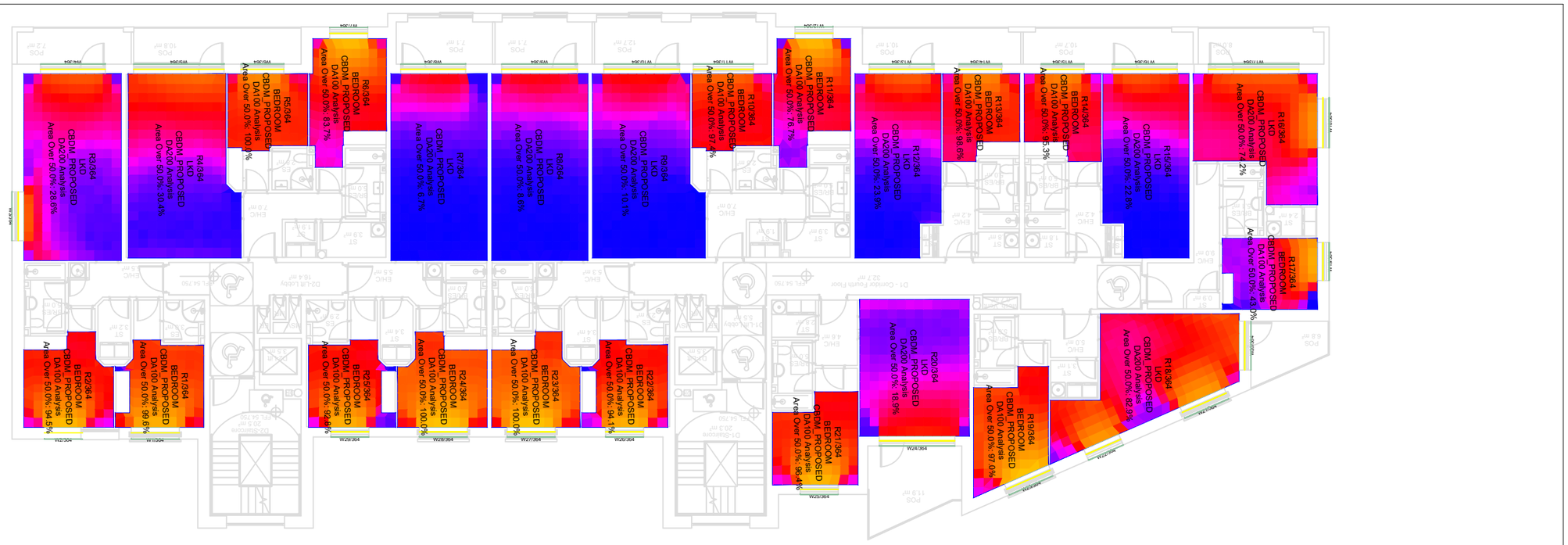
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK D

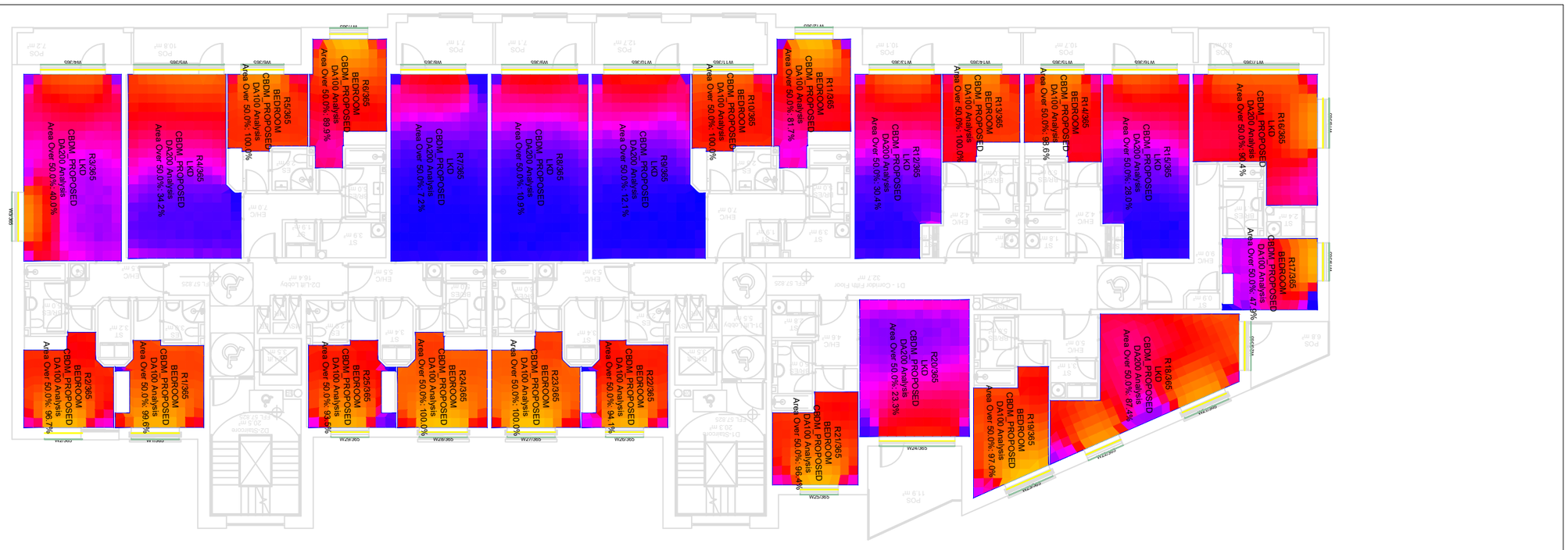
Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12A	BRE_22	-

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4TH FLOOR



5TH FLOOR

Key:
Climate Based Daylight Autonomy

% Occurrence:
- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

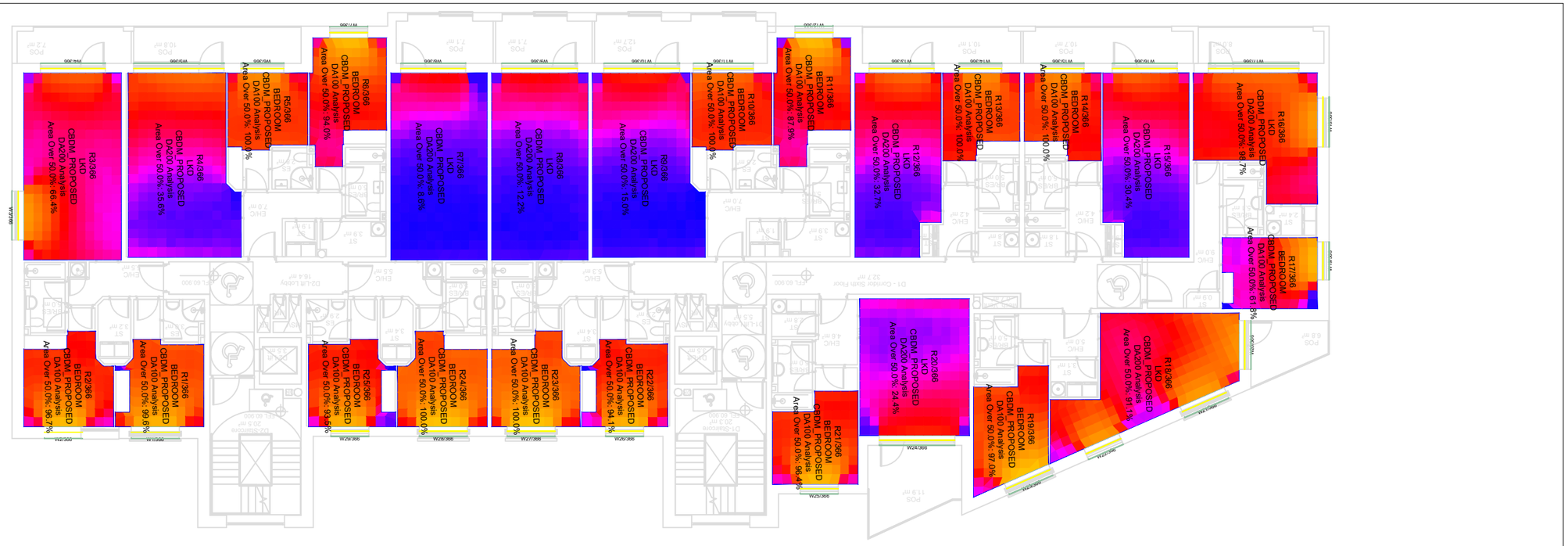
Drawing Title
CBDM UKNA results for
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12A	BRE_23	-

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6TH FLOOR



7TH FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

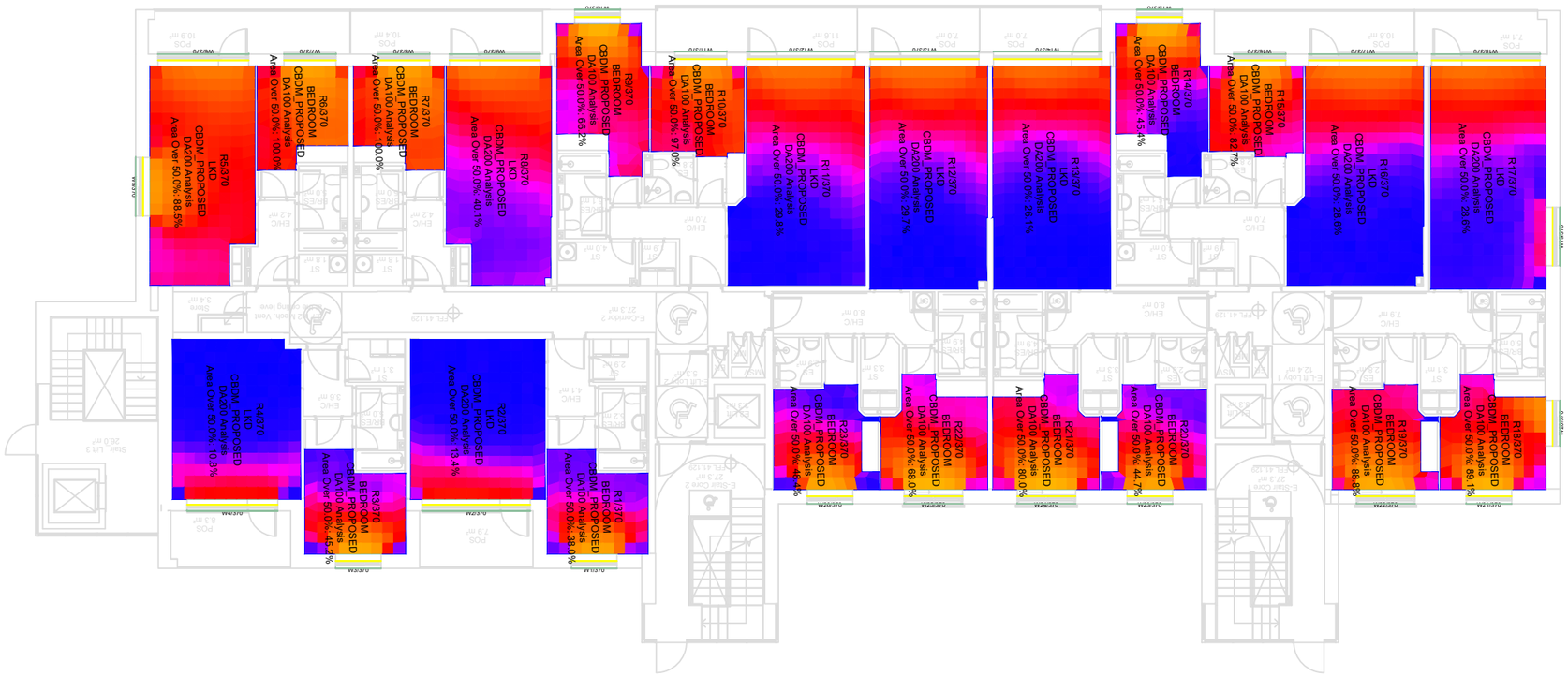
Drawing Title
CBDM UKNA results for
BLOCK D

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

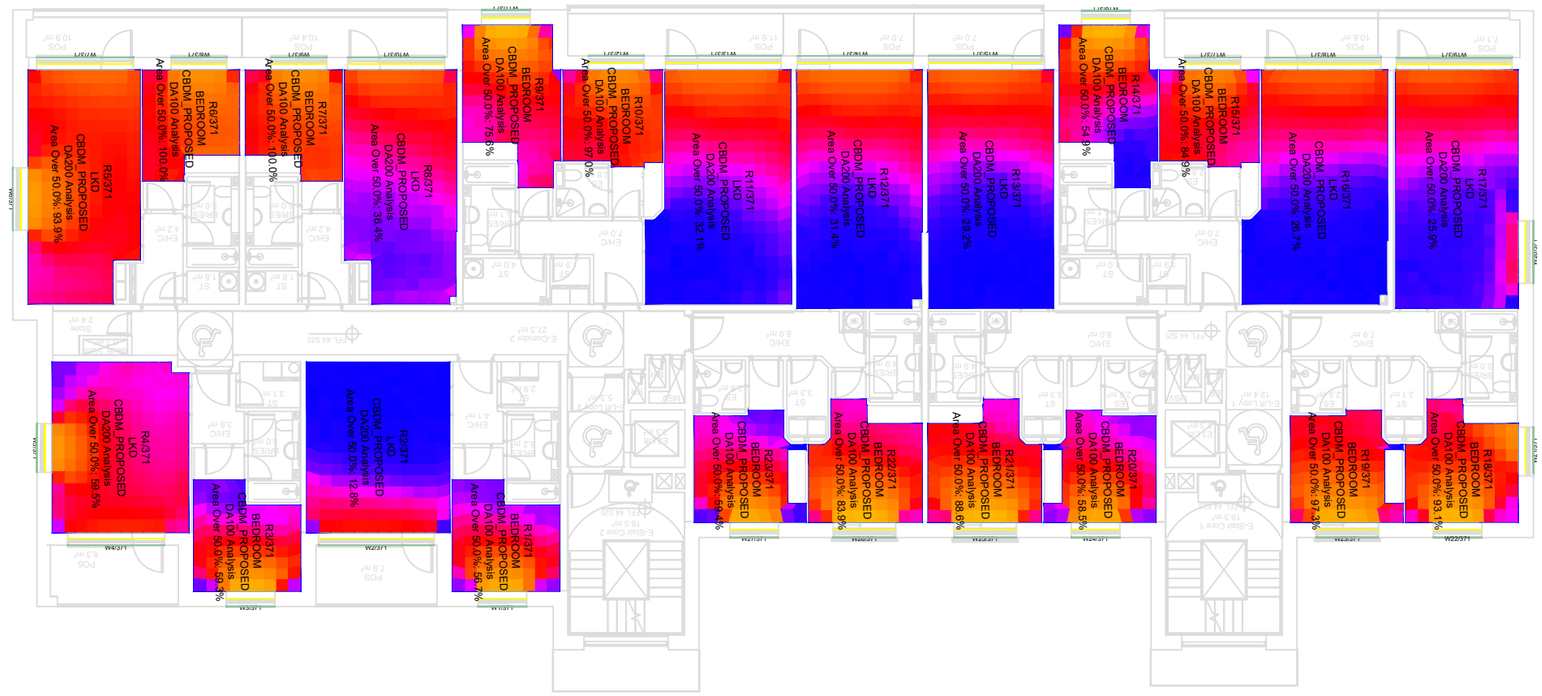
Project No.	Drawing No.	Revision
HA163_12A	BRE_24	-

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GROUND FLOOR



1ST FLOOR

Key:

Climate Based Daylight Autonomy

% Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

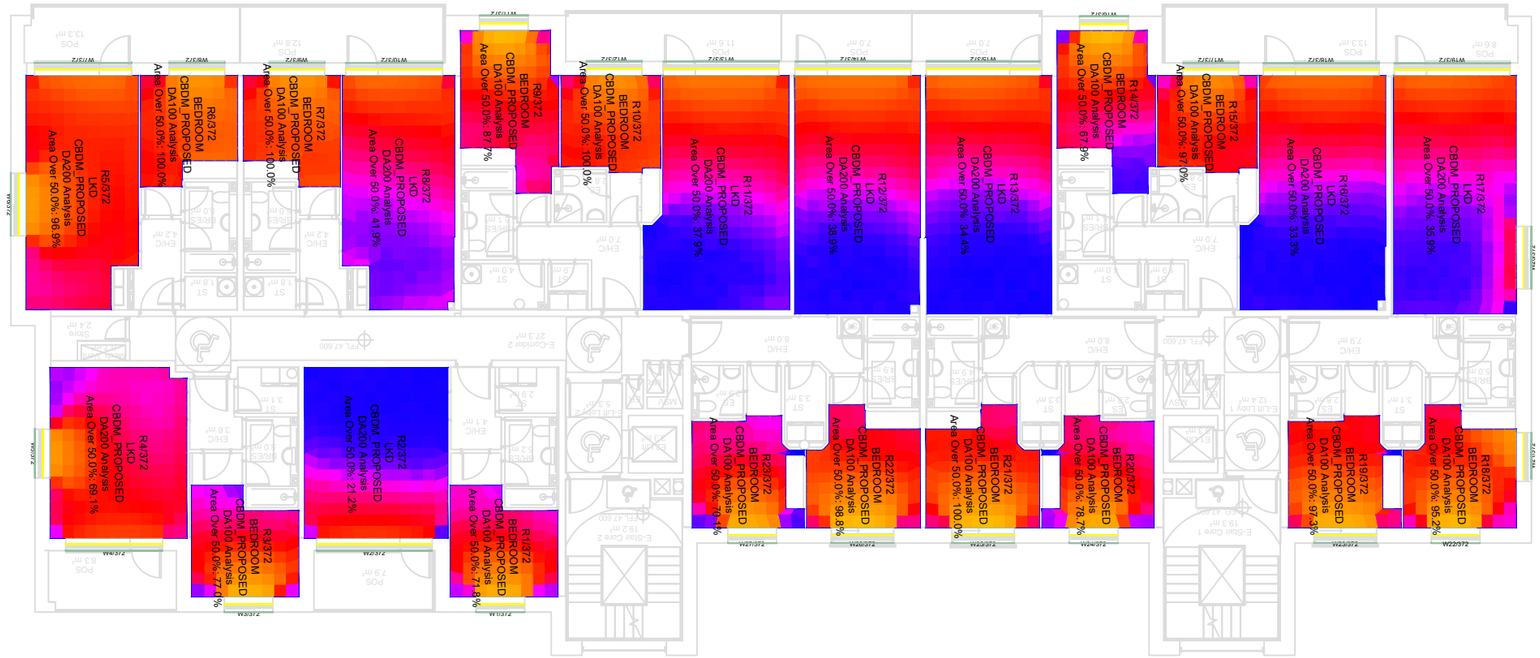
Drawing Title
CBDM UKNA results for
BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

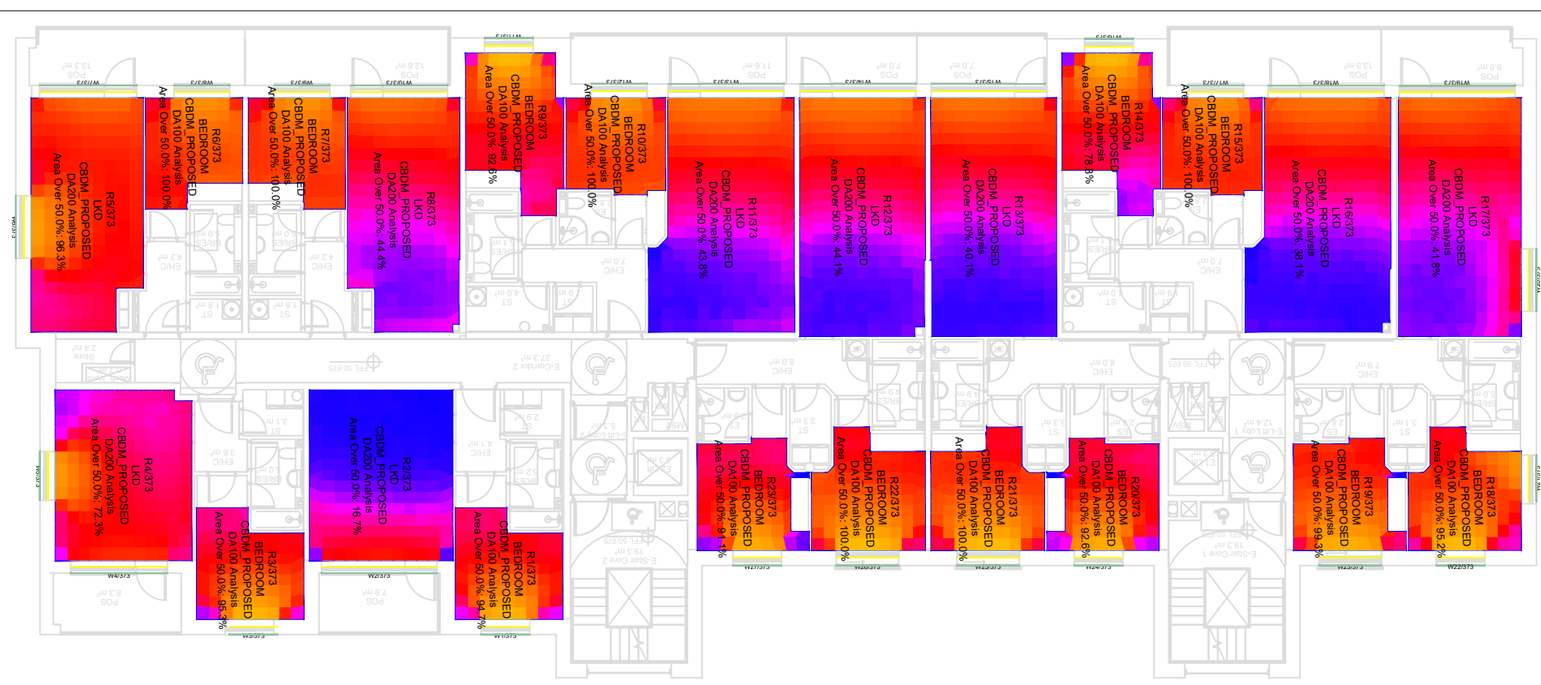
Project No.	Drawing No.	Revision
HA163_12A	BRE_25	-

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2ND FLOOR



3RD FLOOR

Key:

Climate Based Daylight Autonomy

% Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**N/A**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

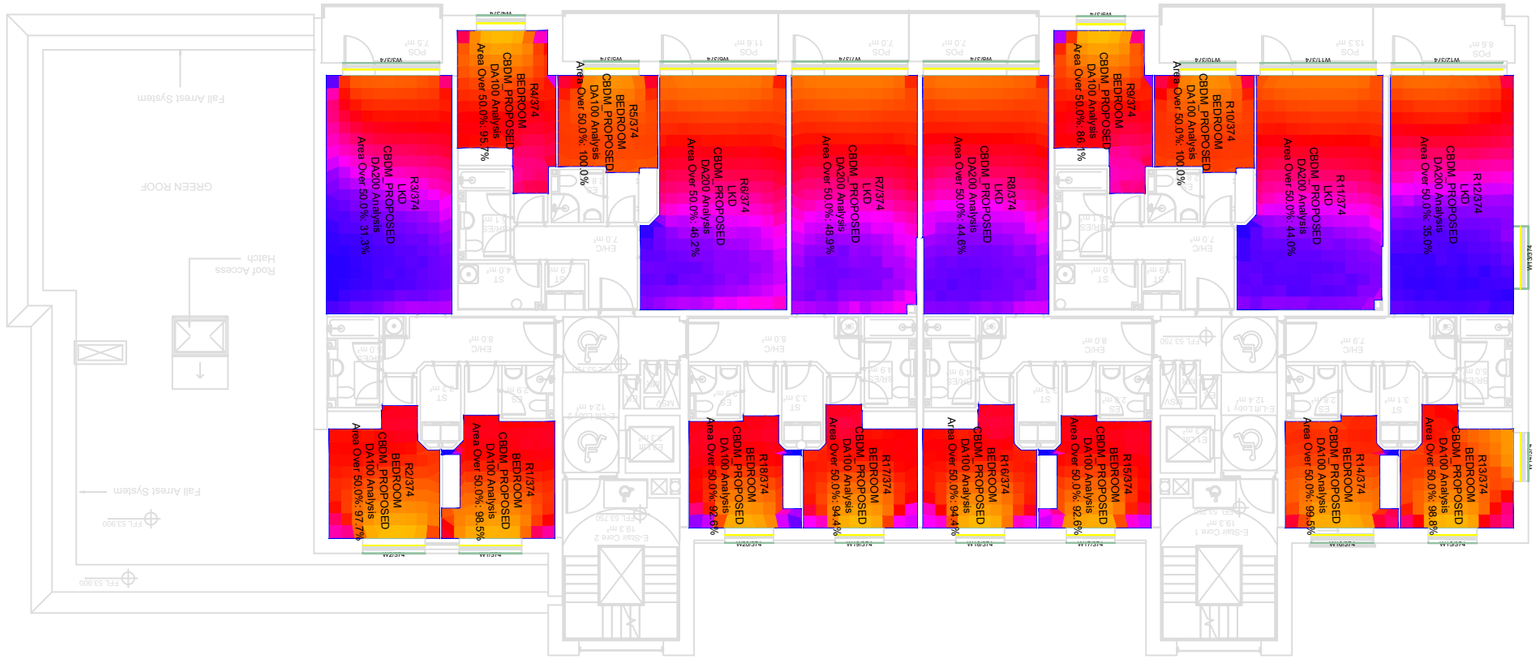
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK E

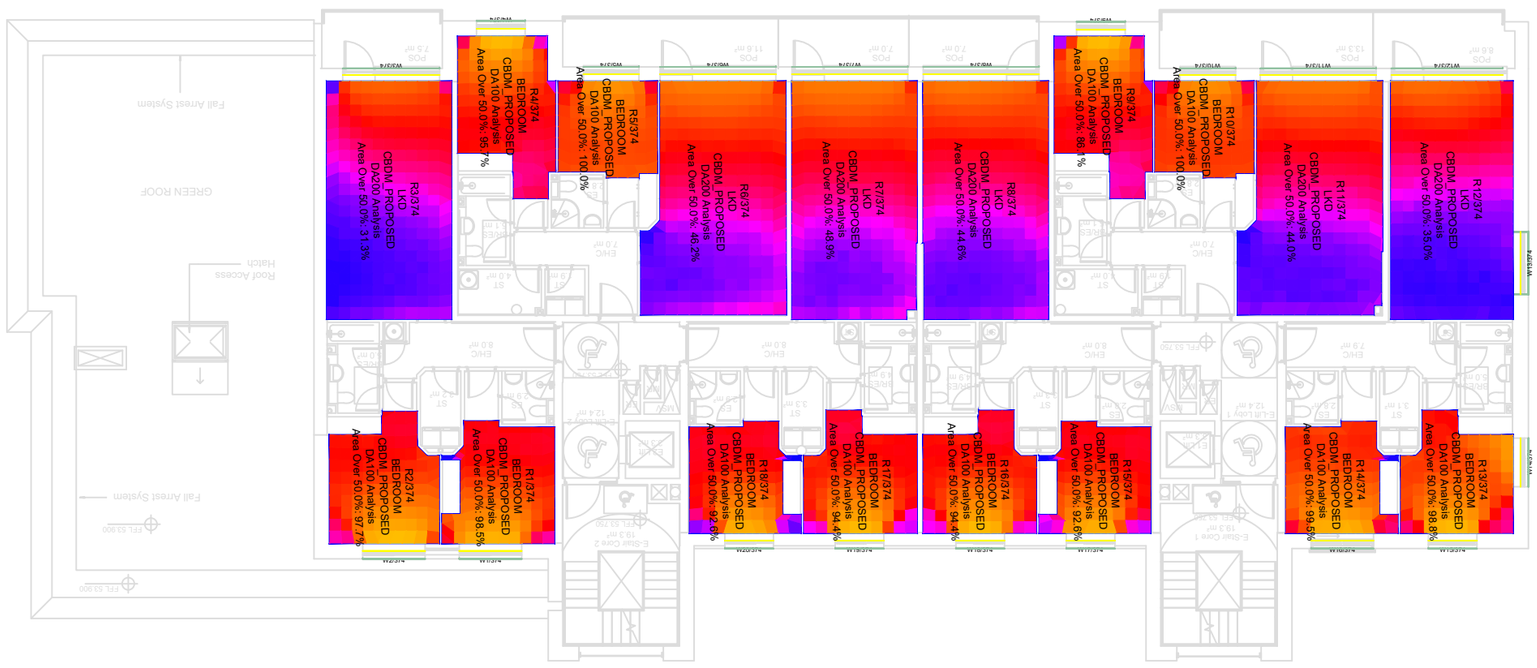
Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12A	BRE_26	-

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4TH FLOOR



5TH FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

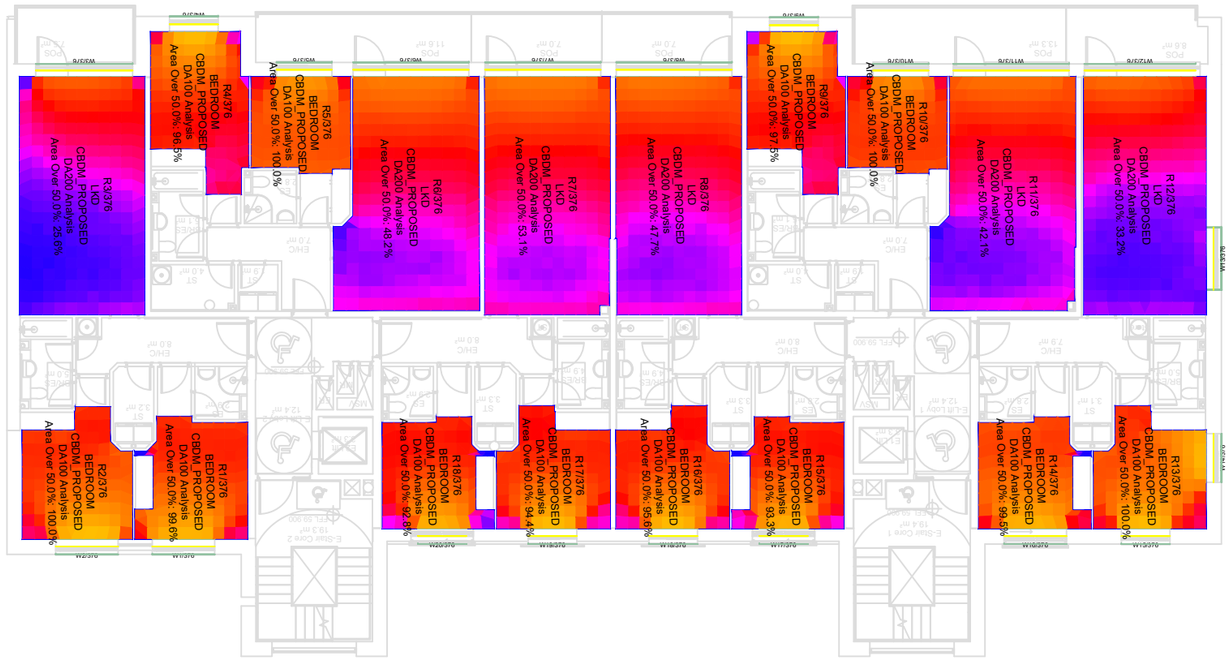
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12A	BRE_27	-

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6TH FLOOR



7TH FLOOR

Key:
Climate Based Daylight Autonomy

% Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

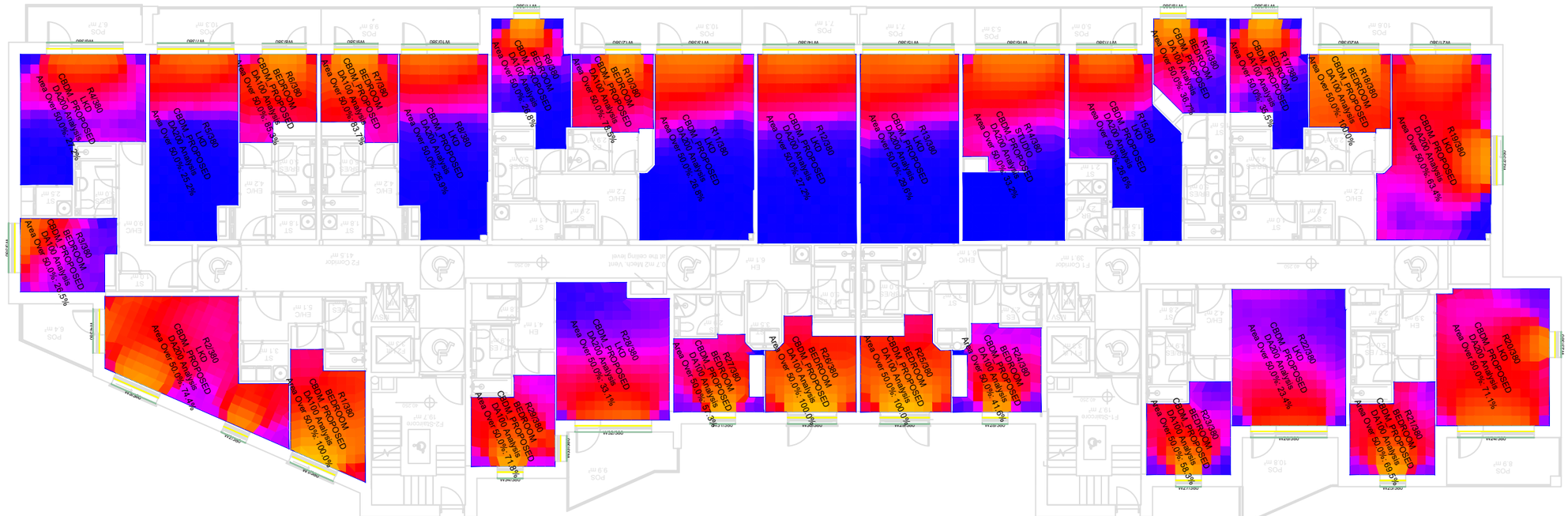
Drawing Title
CBDM UKNA results for
BLOCK E

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

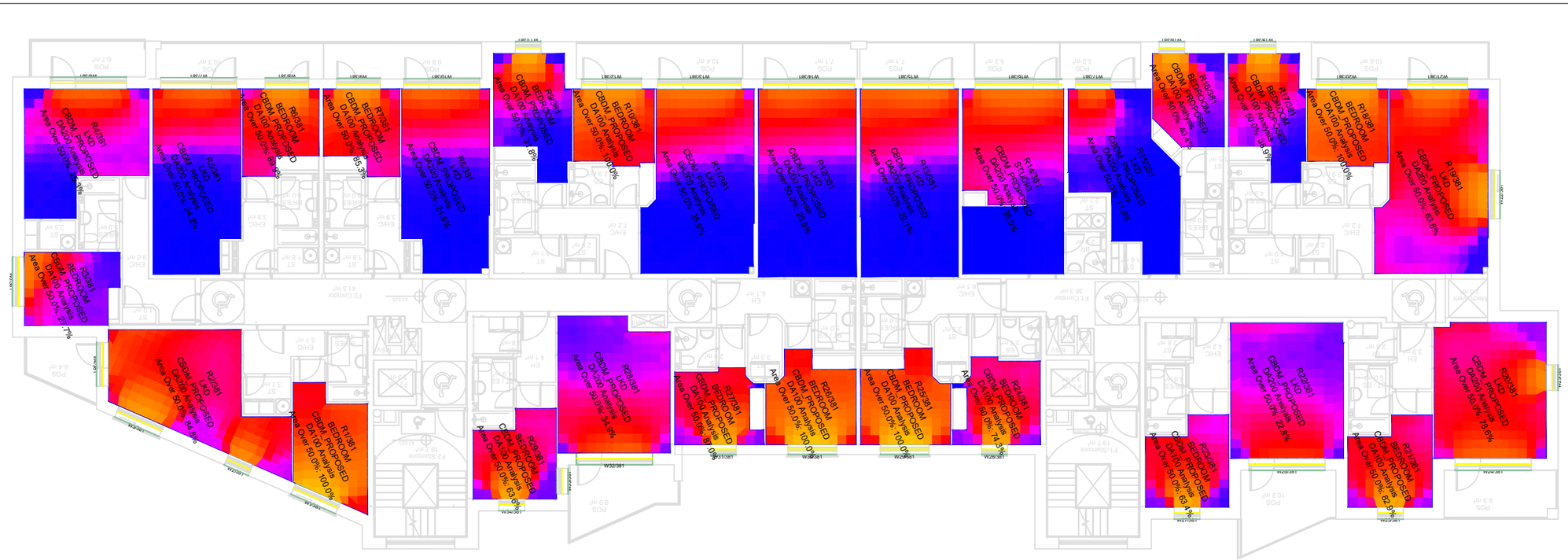
Project No.	Drawing No.	Revision
HA163_12A	BRE_28	-

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GROUND FLOOR



1ST FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

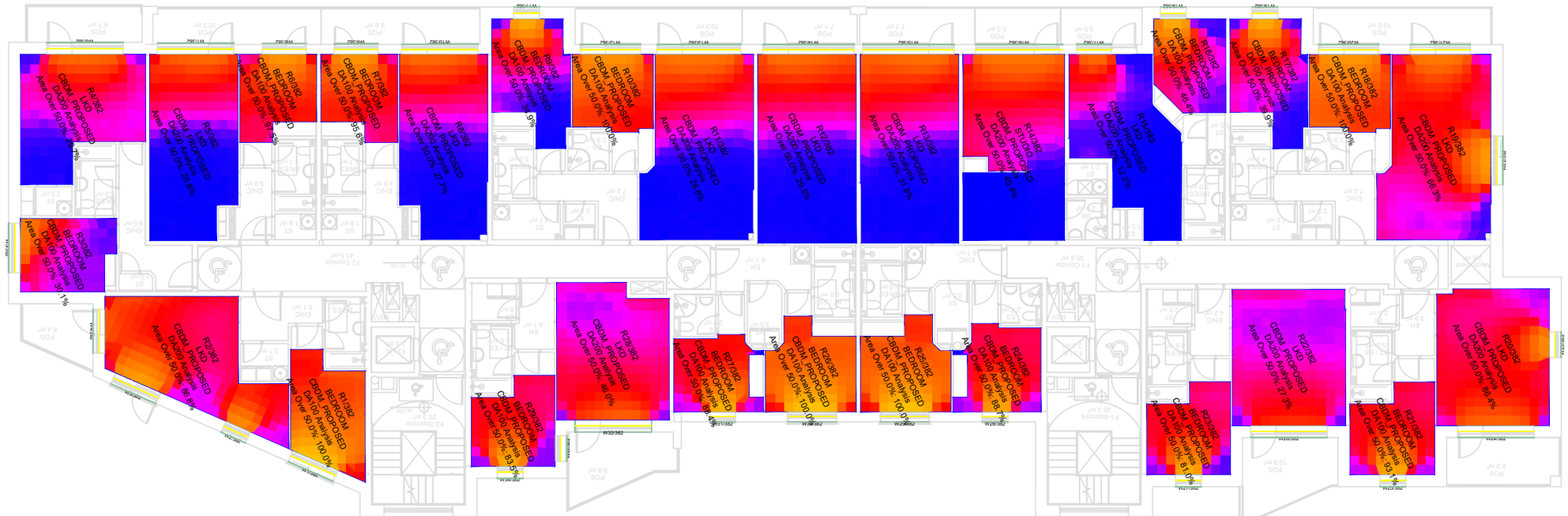
Drawing Title
CBDM UKNA results for
BLOCK F

Drawn By	Scale @ A3	Date
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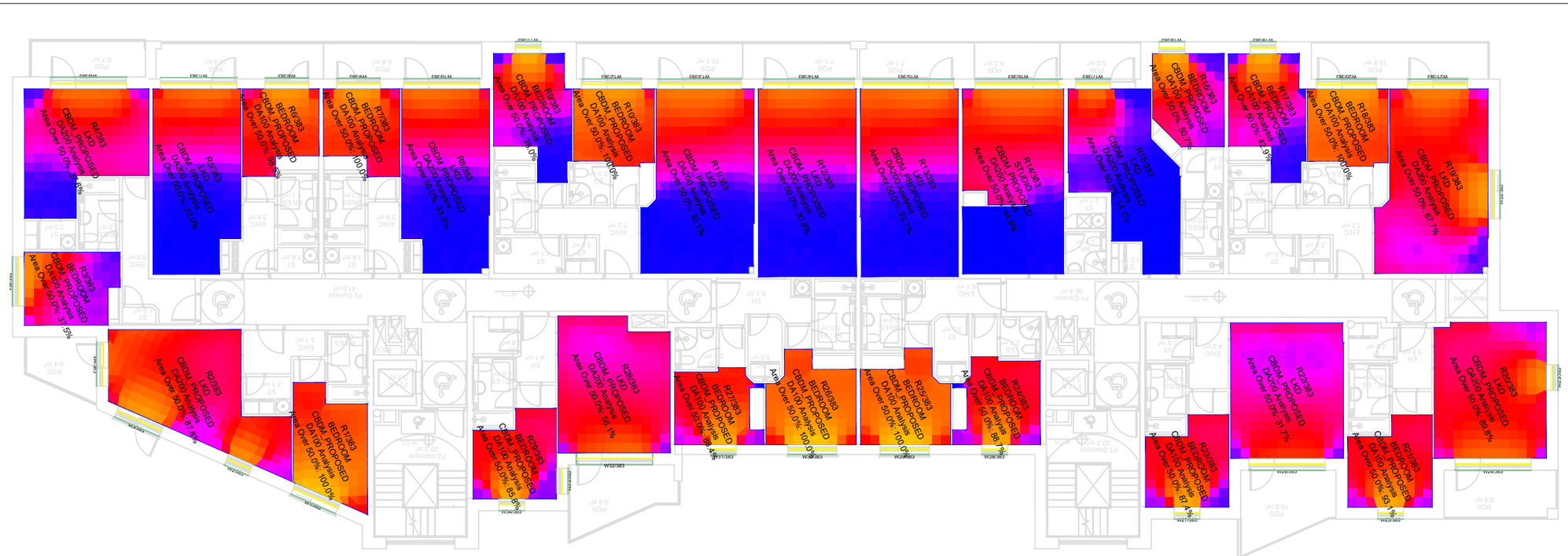
Project No.	Drawing No.	Revision
HA163_12A	BRE_29	-

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2ND FLOOR



3RD FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

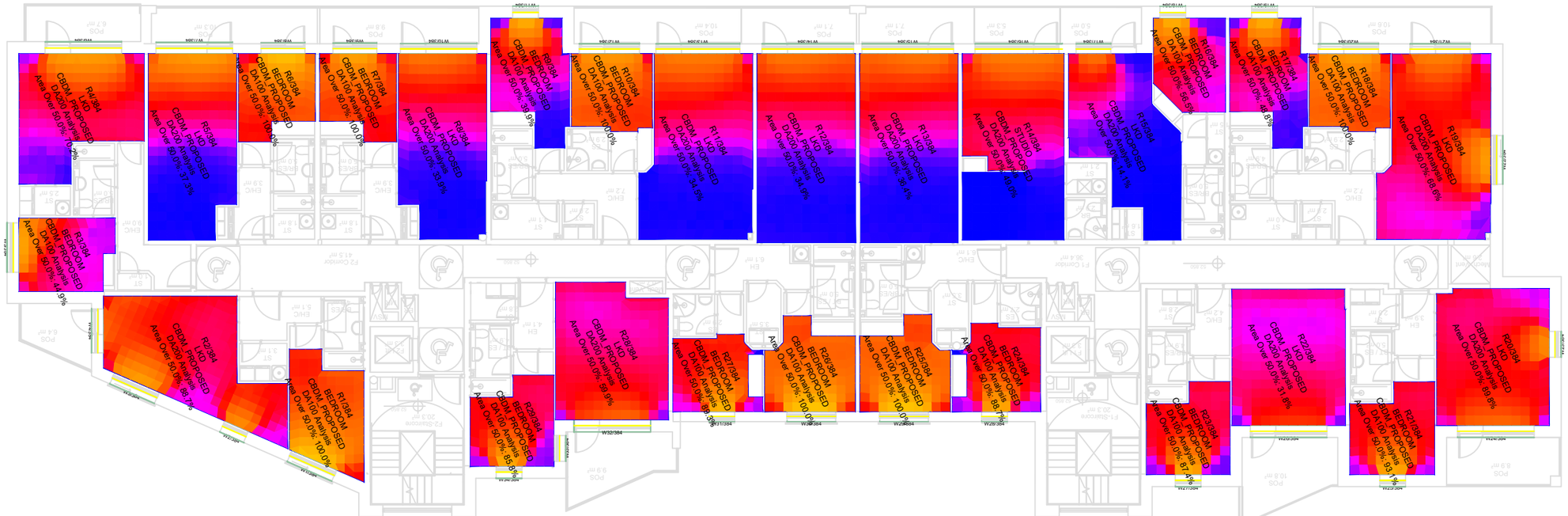
Drawing Title
CBDM UKNA results for
BLOCK F

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

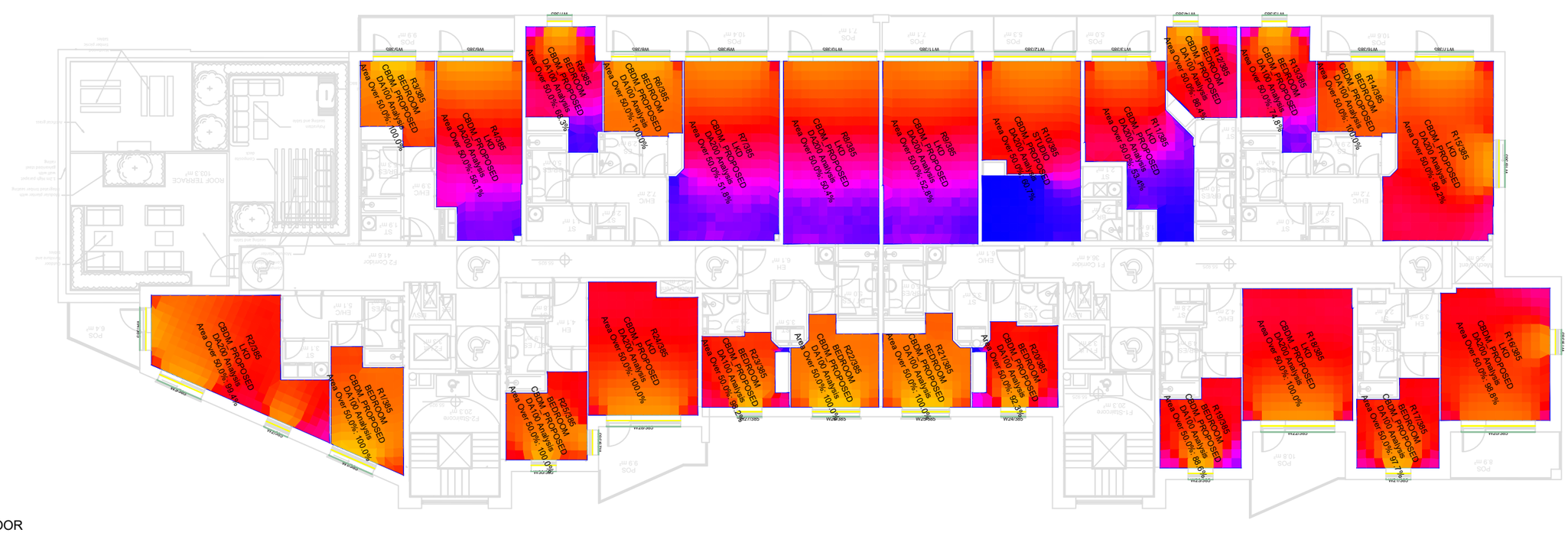
Project No.	Drawing No.	Revision
HA163_12A	BRE_30	-

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4TH FLOOR



5TH FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

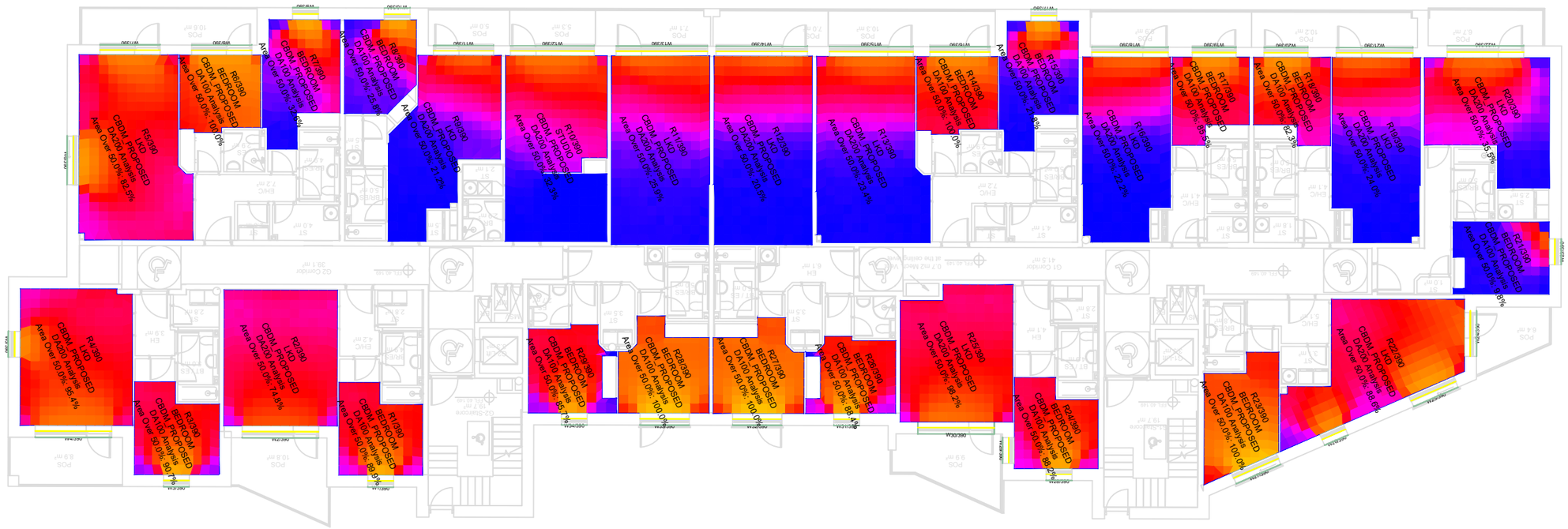
Project Name
Hartfield Place, Dublin

Drawing Title
CBDM UKNA results for
BLOCK F

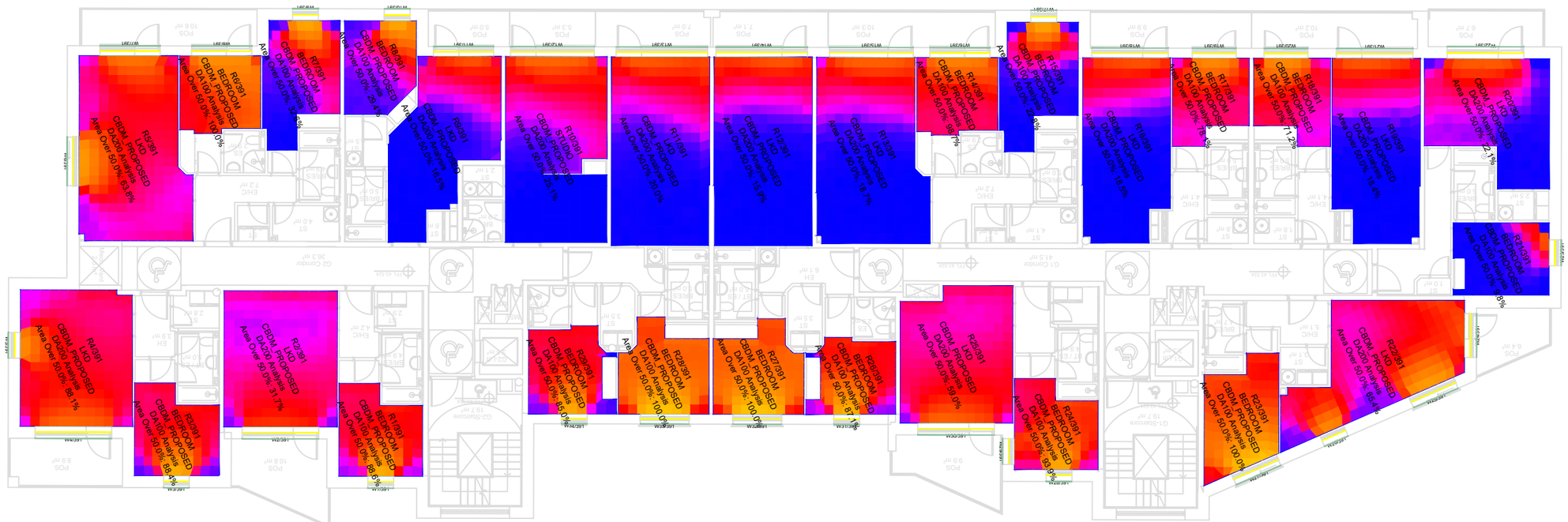
Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12A	BRE_31	-

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GROUND FLOOR



1ST FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

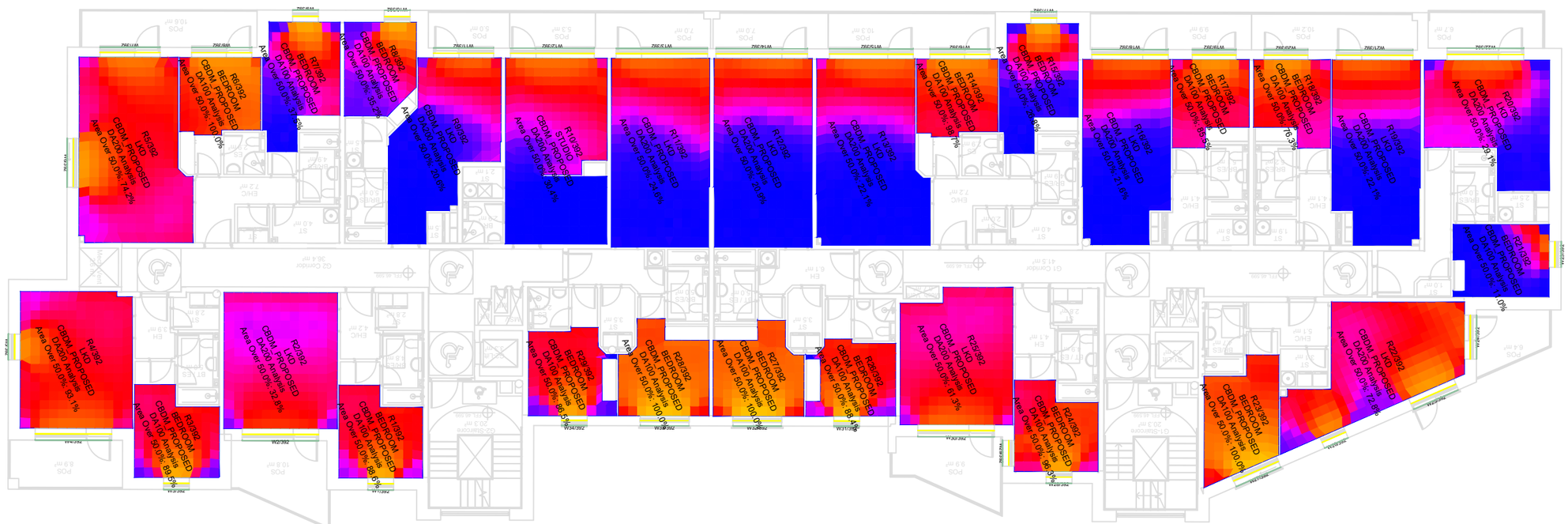
Drawing Title
CBDM UKNA results for
BLOCK G

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

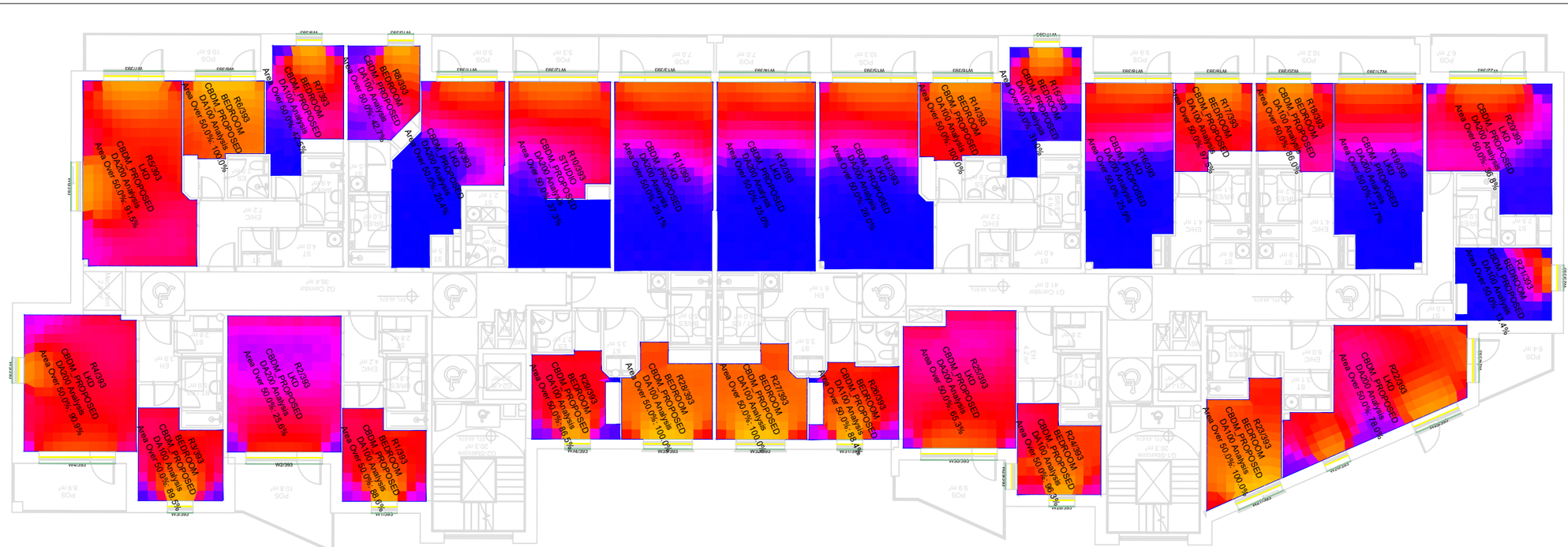
Project No.	Drawing No.	Revision
HA163_12A	BRE_32	-

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2ND FLOOR



3RD FLOOR

Key:
Climate Based Daylight Autonomy
% Occurrence:
0
10
20
30
40
50
60
70
80
90
100

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

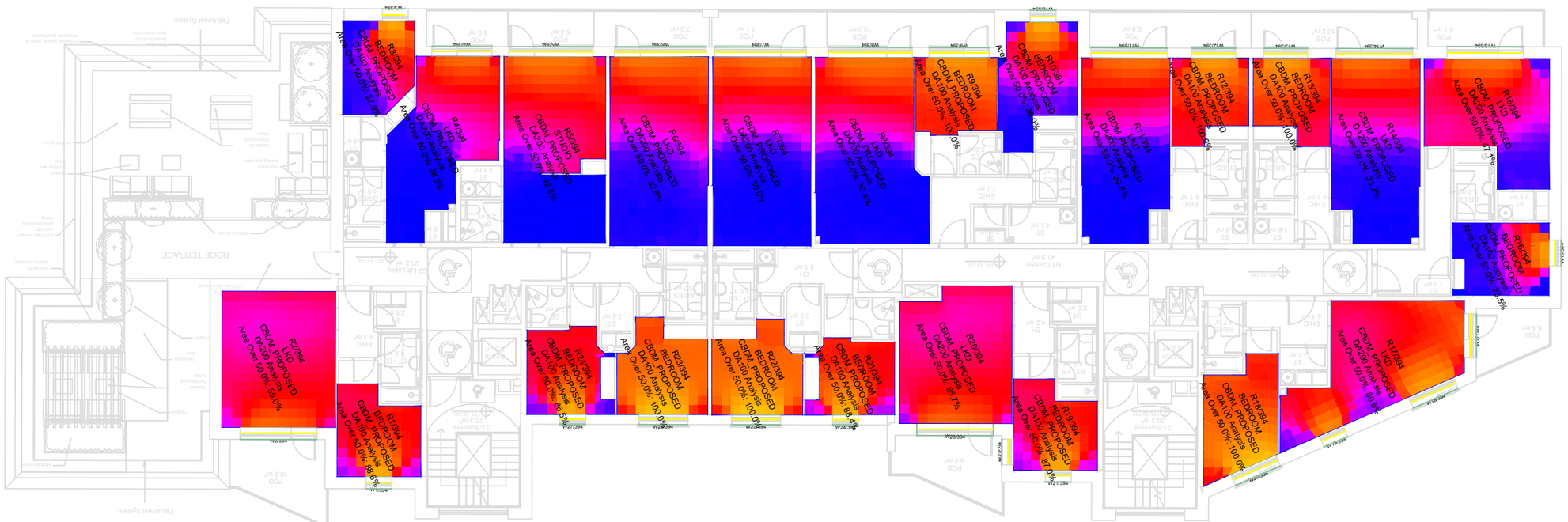
Drawing Title
CBDM UKNA results for
BLOCK G

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022

Project No.	Drawing No.	Revision
HA163_12A	BRE_33	-

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Key:

Climate Based Daylight Autonomy

% Occurrence:

- 0
- 10
- 20
- 30
- 40
- 50
- 60
- 70
- 80
- 90
- 100

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

CBDM UKNA results for

BLOCK G

Drawn By	Scale @ A3	Date
AC	1/200	20 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_12A	BRE_34	-

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AVISON YOUNG

Hartfield Place, Dublin
Climate based daylight model UK National Annexe results Job 12, 12A 20 Feb 2022

Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block A		1st	R1/101	BEDROOM	11563369.4	100	50	50	93.7	PASS
CBDM_PROPOSED	Block A		1st	R2/101	BEDROOM	11922954.5	100	50	50	97.7	PASS
CBDM_PROPOSED	Block A		1st	R3/101	LKD	31312765.5	200	50	50	12.7	FAIL
CBDM_PROPOSED	Block A		1st	R4/101	STUDIO	31579325.1	200	50	50	6.6	FAIL
CBDM_PROPOSED	Block A		1st	R5/101	LKD	20945320.9	200	50	50	0	FAIL
CBDM_PROPOSED	Block A		1st	R6/101	BEDROOM	10465623.2	100	50	50	40.5	FAIL
CBDM_PROPOSED	Block A		1st	R7/101	LKD	31281992.2	200	50	50	100	PASS
CBDM_PROPOSED	Block A		1st	R8/101	BEDROOM	11259356.5	100	50	50	95.3	PASS
CBDM_PROPOSED	Block A		1st	R9/101	BEDROOM	14665899.8	100	50	50	91.6	PASS
CBDM_PROPOSED	Block A		1st	R10/101	LKD	35579992.2	200	50	50	70.1	PASS
CBDM_PROPOSED	Block A		1st	R11/101	BEDROOM	11524156.4	100	50	50	100	PASS
CBDM_PROPOSED	Block A		1st	R12/101	BEDROOM	14503112.6	100	50	50	98.1	PASS
CBDM_PROPOSED	Block A		2nd	R1/102	BEDROOM	11563369.4	100	50	50	93.7	PASS
CBDM_PROPOSED	Block A		2nd	R2/102	BEDROOM	11922954.5	100	50	50	98.9	PASS
CBDM_PROPOSED	Block A		2nd	R3/102	LKD	31312765.5	200	50	50	15.4	FAIL
CBDM_PROPOSED	Block A		2nd	R4/102	STUDIO	31579325.1	200	50	50	11	FAIL
CBDM_PROPOSED	Block A		2nd	R5/102	LKD	20945320.9	200	50	50	3.9	FAIL
CBDM_PROPOSED	Block A		2nd	R6/102	BEDROOM	10465623.2	100	50	50	52.3	PASS
CBDM_PROPOSED	Block A		2nd	R7/102	LKD	31281992.2	200	50	50	100	PASS
CBDM_PROPOSED	Block A		2nd	R8/102	BEDROOM	11259356.5	100	50	50	95.3	PASS
CBDM_PROPOSED	Block A		2nd	R9/102	BEDROOM	14665899.8	100	50	50	95	PASS
CBDM_PROPOSED	Block A		2nd	R10/102	LKD	35579992.2	200	50	50	78.2	PASS
CBDM_PROPOSED	Block A		2nd	R11/102	BEDROOM	11524156.4	100	50	50	100	PASS
CBDM_PROPOSED	Block A		2nd	R12/102	BEDROOM	14503112.6	100	50	50	98.1	PASS
CBDM_PROPOSED	Block A		3rd	R1/103	BEDROOM	11563369.4	100	50	50	93.7	PASS
CBDM_PROPOSED	Block A		3rd	R2/103	BEDROOM	11922954.5	100	50	50	98.9	PASS
CBDM_PROPOSED	Block A		3rd	R3/103	LKD	31312765.5	200	50	50	24.6	FAIL
CBDM_PROPOSED	Block A		3rd	R4/103	STUDIO	31579325.1	200	50	50	22.5	FAIL
CBDM_PROPOSED	Block A		3rd	R5/103	LKD	20945320.9	200	50	50	15.9	FAIL
CBDM_PROPOSED	Block A		3rd	R6/103	BEDROOM	10465623.2	100	50	50	77.5	PASS
CBDM_PROPOSED	Block A		3rd	R7/103	LKD	31281992.2	200	50	50	100	PASS
CBDM_PROPOSED	Block A		3rd	R8/103	BEDROOM	11259356.5	100	50	50	95.3	PASS
CBDM_PROPOSED	Block A		3rd	R9/103	BEDROOM	14665899.8	100	50	50	96.3	PASS
CBDM_PROPOSED	Block A		3rd	R10/103	LKD	35579992.2	200	50	50	80.3	PASS
CBDM_PROPOSED	Block A		3rd	R11/103	BEDROOM	11524156.4	100	50	50	100	PASS
CBDM_PROPOSED	Block A		3rd	R12/103	BEDROOM	14503112.6	100	50	50	98.1	PASS
CBDM_PROPOSED	Block A		4th	R1/104	BEDROOM	10698872.6	100	50	50	94.9	PASS
CBDM_PROPOSED	Block A		4th	R2/104	BEDROOM	11922954.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		4th	R3/104	LKD	31312765.5	200	50	50	35.5	FAIL
CBDM_PROPOSED	Block A		4th	R4/104	STUDIO	31579325.1	200	50	50	38.9	FAIL
CBDM_PROPOSED	Block A		4th	R5/104	LKD	20945320.9	200	50	50	31.5	FAIL
CBDM_PROPOSED	Block A		4th	R6/104	BEDROOM	10465623.2	100	50	50	100	PASS
CBDM_PROPOSED	Block A		4th	R7/104	LKD	31281992.2	200	50	50	100	PASS
CBDM_PROPOSED	Block A		4th	R8/104	BEDROOM	11259356.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		4th	R9/104	BEDROOM	14665899.8	100	50	50	97.4	PASS
CBDM_PROPOSED	Block A		4th	R10/104	LKD	35579992.2	200	50	50	82.3	PASS
CBDM_PROPOSED	Block A		4th	R11/104	BEDROOM	11524156.4	100	50	50	100	PASS
CBDM_PROPOSED	Block A		4th	R12/104	BEDROOM	14503112.6	100	50	50	98.1	PASS
CBDM_PROPOSED	Block A		5th	R1/105	BEDROOM	10699301.2	100	50	50	96.5	PASS
CBDM_PROPOSED	Block A		5th	R2/105	BEDROOM	11927237	100	50	50	100	PASS
CBDM_PROPOSED	Block A		5th	R3/105	LKD	31381351.5	200	50	50	66.5	PASS
CBDM_PROPOSED	Block A		5th	R4/105	STUDIO	31598638	200	50	50	62	PASS
CBDM_PROPOSED	Block A		5th	R5/105	LKD	23427507.2	200	50	50	62	PASS
CBDM_PROPOSED	Block A		5th	R6/105	BEDROOM	10410529.7	100	50	50	100	PASS
CBDM_PROPOSED	Block A		1st	R1/201	BEDROOM	10366294.8	100	50	50	100	PASS
CBDM_PROPOSED	Block A		1st	R2/201	BEDROOM	8846740.2	100	50	50	100	PASS
CBDM_PROPOSED	Block A		1st	R3/201	BEDROOM	9077374.7	100	50	50	100	PASS
CBDM_PROPOSED	Block A		1st	R4/201	LKD	33624150.8	200	50	50	78.7	PASS
CBDM_PROPOSED	Block A		1st	R5/201	BEDROOM	14296298.7	100	50	50	96.2	PASS
CBDM_PROPOSED	Block A		1st	R6/201	BEDROOM	10206336.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		1st	R7/201	LKD	31252791.6	200	50	50	67.1	PASS
CBDM_PROPOSED	Block A		1st	R8/201	LKD	25788002.5	200	50	50	15.2	FAIL
CBDM_PROPOSED	Block A		1st	R9/201	BEDROOM	9836676.3	100	50	50	84.7	PASS
CBDM_PROPOSED	Block A		1st	R10/201	BEDROOM	9836676.3	100	50	50	87.5	PASS
CBDM_PROPOSED	Block A		1st	R11/201	LKD	25948486.1	200	50	50	22.6	FAIL
CBDM_PROPOSED	Block A		1st	R12/201	LKD	30830246.3	200	50	50	14.6	FAIL
CBDM_PROPOSED	Block A		1st	R13/201	BEDROOM	11940704.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		1st	R14/201	BEDROOM	11587028.7	100	50	50	98.3	PASS

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block A		2nd	R1/202	BEDROOM	10366294.8	100	50	50	100	PASS
CBDM_PROPOSED	Block A		2nd	R2/202	BEDROOM	8846740.2	100	50	50	100	PASS
CBDM_PROPOSED	Block A		2nd	R3/202	BEDROOM	9077374.7	100	50	50	100	PASS
CBDM_PROPOSED	Block A		2nd	R4/202	LKD	33624150.8	200	50	50	79.9	PASS
CBDM_PROPOSED	Block A		2nd	R5/202	BEDROOM	14296298.7	100	50	50	98.2	PASS
CBDM_PROPOSED	Block A		2nd	R6/202	BEDROOM	10206336.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		2nd	R7/202	LKD	31252791.6	200	50	50	72.5	PASS
CBDM_PROPOSED	Block A		2nd	R8/202	LKD	25788002.5	200	50	50	17.5	FAIL
CBDM_PROPOSED	Block A		2nd	R9/202	BEDROOM	9836676.3	100	50	50	93.5	PASS
CBDM_PROPOSED	Block A		2nd	R10/202	BEDROOM	9836676.3	100	50	50	94	PASS
CBDM_PROPOSED	Block A		2nd	R11/202	LKD	25948486.1	200	50	50	26.8	FAIL
CBDM_PROPOSED	Block A		2nd	R12/202	LKD	30830246.3	200	50	50	16.9	FAIL
CBDM_PROPOSED	Block A		2nd	R13/202	BEDROOM	11940704.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		2nd	R14/202	BEDROOM	11587028.7	100	50	50	98.3	PASS
CBDM_PROPOSED	Block A		3rd	R1/203	BEDROOM	10366294.8	100	50	50	100	PASS
CBDM_PROPOSED	Block A		3rd	R2/203	BEDROOM	8846740.2	100	50	50	100	PASS
CBDM_PROPOSED	Block A		3rd	R3/203	BEDROOM	9077374.7	100	50	50	100	PASS
CBDM_PROPOSED	Block A		3rd	R4/203	LKD	33624150.8	200	50	50	82.4	PASS
CBDM_PROPOSED	Block A		3rd	R5/203	BEDROOM	14296298.7	100	50	50	99	PASS
CBDM_PROPOSED	Block A		3rd	R6/203	BEDROOM	10206336.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		3rd	R7/203	LKD	31252791.6	200	50	50	81.2	PASS
CBDM_PROPOSED	Block A		3rd	R8/203	LKD	25788002.5	200	50	50	24	FAIL
CBDM_PROPOSED	Block A		3rd	R9/203	BEDROOM	9836676.3	100	50	50	98.5	PASS
CBDM_PROPOSED	Block A		3rd	R10/203	BEDROOM	9836676.3	100	50	50	98.5	PASS
CBDM_PROPOSED	Block A		3rd	R11/203	LKD	25948486.1	200	50	50	31.6	FAIL
CBDM_PROPOSED	Block A		3rd	R12/203	LKD	30830246.3	200	50	50	21	FAIL
CBDM_PROPOSED	Block A		3rd	R13/203	BEDROOM	11940704.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		3rd	R14/203	BEDROOM	11587028.7	100	50	50	99.5	PASS
CBDM_PROPOSED	Block A		4th	R1/204	BEDROOM	10366294.8	100	50	50	100	PASS
CBDM_PROPOSED	Block A		4th	R2/204	BEDROOM	8846740.2	100	50	50	100	PASS
CBDM_PROPOSED	Block A		4th	R3/204	BEDROOM	9077374.7	100	50	50	100	PASS
CBDM_PROPOSED	Block A		4th	R4/204	LKD	33624150.8	200	50	50	84.4	PASS
CBDM_PROPOSED	Block A		4th	R5/204	BEDROOM	14296298.7	100	50	50	99	PASS
CBDM_PROPOSED	Block A		4th	R6/204	BEDROOM	10206336.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		4th	R7/204	LKD	31252791.6	200	50	50	94.8	PASS
CBDM_PROPOSED	Block A		4th	R8/204	LKD	25788002.5	200	50	50	31	FAIL
CBDM_PROPOSED	Block A		4th	R9/204	BEDROOM	9836676.3	100	50	50	98.5	PASS
CBDM_PROPOSED	Block A		4th	R10/204	BEDROOM	9836676.3	100	50	50	100	PASS
CBDM_PROPOSED	Block A		4th	R11/204	LKD	25948486.1	200	50	50	39.5	FAIL
CBDM_PROPOSED	Block A		4th	R12/204	LKD	30830246.3	200	50	50	26.5	FAIL
CBDM_PROPOSED	Block A		4th	R13/204	BEDROOM	11940704.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		4th	R14/204	BEDROOM	11587028.7	100	50	50	99.5	PASS
CBDM_PROPOSED	Block A		5th	R1/205	BEDROOM	10366294.8	100	50	50	100	PASS
CBDM_PROPOSED	Block A		5th	R2/205	BEDROOM	8846740.2	100	50	50	100	PASS
CBDM_PROPOSED	Block A		5th	R3/205	BEDROOM	9077374.7	100	50	50	100	PASS
CBDM_PROPOSED	Block A		5th	R4/205	LKD	33624150.8	200	50	50	85.7	PASS
CBDM_PROPOSED	Block A		5th	R5/205	BEDROOM	14296298.7	100	50	50	99	PASS
CBDM_PROPOSED	Block A		5th	R6/205	BEDROOM	10206336.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		5th	R7/205	LKD	31252791.6	200	50	50	100	PASS
CBDM_PROPOSED	Block A		5th	R8/205	LKD	25788002.5	200	50	50	38.6	FAIL
CBDM_PROPOSED	Block A		5th	R9/205	BEDROOM	9836676.3	100	50	50	100	PASS
CBDM_PROPOSED	Block A		5th	R10/205	BEDROOM	9836676.3	100	50	50	100	PASS
CBDM_PROPOSED	Block A		5th	R11/205	LKD	25948486.1	200	50	50	48	FAIL
CBDM_PROPOSED	Block A		5th	R12/205	LKD	30830246.3	200	50	50	31.9	FAIL
CBDM_PROPOSED	Block A		5th	R13/205	BEDROOM	11940704.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		5th	R14/205	BEDROOM	11587028.7	100	50	50	99.5	PASS
CBDM_PROPOSED	Block A		6th	R1/206	BEDROOM	10366294.8	100	50	50	100	PASS
CBDM_PROPOSED	Block A		6th	R2/206	BEDROOM	8846740.2	100	50	50	100	PASS
CBDM_PROPOSED	Block A		6th	R3/206	BEDROOM	9077374.7	100	50	50	100	PASS
CBDM_PROPOSED	Block A		6th	R4/206	LKD	33624150.8	200	50	50	87.3	PASS
CBDM_PROPOSED	Block A		6th	R5/206	BEDROOM	14296298.7	100	50	50	99	PASS
CBDM_PROPOSED	Block A		6th	R6/206	BEDROOM	10206336.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		6th	R7/206	LKD	31252791.6	200	50	50	100	PASS
CBDM_PROPOSED	Block A		6th	R8/206	LKD	25788002.5	200	50	50	49.8	FAIL
CBDM_PROPOSED	Block A		6th	R9/206	BEDROOM	9836676.3	100	50	50	100	PASS
CBDM_PROPOSED	Block A		6th	R10/206	BEDROOM	9836676.3	100	50	50	100	PASS
CBDM_PROPOSED	Block A		6th	R11/206	LKD	25948486.1	200	50	50	74.2	PASS
CBDM_PROPOSED	Block A		6th	R12/206	LKD	30830246.3	200	50	50	62.1	PASS
CBDM_PROPOSED	Block A		6th	R13/206	BEDROOM	11940704.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		6th	R14/206	BEDROOM	11587028.7	100	50	50	99.5	PASS

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block A		7th	R1/207	BEDROOM	10366294.8	100	50	50	100	PASS
CBDM_PROPOSED	Block A		7th	R2/207	BEDROOM	8846740.2	100	50	50	100	PASS
CBDM_PROPOSED	Block A		7th	R3/207	BEDROOM	9077374.7	100	50	50	100	PASS
CBDM_PROPOSED	Block A		7th	R4/207	LKD	33699159.7	200	50	50	97.9	PASS
CBDM_PROPOSED	Block A		7th	R5/207	BEDROOM	14291005.1	100	50	50	99	PASS
CBDM_PROPOSED	Block A		7th	R6/207	BEDROOM	10204780.2	100	50	50	100	PASS
CBDM_PROPOSED	Block A		7th	R7/207	LKD	31178676.3	200	50	50	100	PASS
CBDM_PROPOSED	Block A		7th	R8/207	BEDROOM	10685946.1	100	50	50	100	PASS
CBDM_PROPOSED	Block A		7th	R9/207	BEDROOM	9225531.5	100	50	50	100	PASS
CBDM_PROPOSED	Block A		7th	R10/207	LKD	30779289.8	200	50	50	100	PASS
CBDM_PROPOSED	Block B		Gnd	R1/300	LKD	32430694.2	200	50	50	23.7	FAIL
CBDM_PROPOSED	Block B		Gnd	R2/300	BEDROOM	9643438.5	100	50	50	96.8	PASS
CBDM_PROPOSED	Block B		Gnd	R3/300	BEDROOM	13501538.5	100	50	50	69	PASS
CBDM_PROPOSED	Block B		Gnd	R4/300	BEDROOM	10621612.7	100	50	50	96.2	PASS
CBDM_PROPOSED	Block B		Gnd	R5/300	LKD	25397982.8	200	50	50	24.3	FAIL
CBDM_PROPOSED	Block B		Gnd	R6/300	STUDIO	30344599.1	200	50	50	34.6	FAIL
CBDM_PROPOSED	Block B		Gnd	R7/300	LKD	31789019.7	200	50	50	31.4	FAIL
CBDM_PROPOSED	Block B		Gnd	R8/300	LKD	31781928.4	200	50	50	31	FAIL
CBDM_PROPOSED	Block B		Gnd	R9/300	STUDIO	30884599.1	200	50	50	33.8	FAIL
CBDM_PROPOSED	Block B		Gnd	R10/300	LKD	23426976.8	200	50	50	27.5	FAIL
CBDM_PROPOSED	Block B		Gnd	R11/300	BEDROOM	10582073.3	100	50	50	92.7	PASS
CBDM_PROPOSED	Block B		Gnd	R12/300	LKD	31381250	200	50	50	33.5	FAIL
CBDM_PROPOSED	Block B		Gnd	R13/300	BEDROOM	11879386.5	100	50	50	95.5	PASS
CBDM_PROPOSED	Block B		Gnd	R14/300	BEDROOM	10697013	100	50	50	45	FAIL
CBDM_PROPOSED	Block B		Gnd	R15/300	BEDROOM	10784668.3	100	50	50	29	FAIL
CBDM_PROPOSED	Block B		Gnd	R16/300	BEDROOM	11968690	100	50	50	68.2	PASS
CBDM_PROPOSED	Block B		Gnd	R17/300	BEDROOM	11835201	100	50	50	54.9	PASS
CBDM_PROPOSED	Block B		Gnd	R18/300	BEDROOM	10681700.4	100	50	50	25.4	FAIL
CBDM_PROPOSED	Block B		Gnd	R19/300	BEDROOM	11447697.4	100	50	50	37.4	FAIL
CBDM_PROPOSED	Block B		Gnd	R20/300	BEDROOM	11882022.1	100	50	50	54.3	PASS
CBDM_PROPOSED	Block B		Gnd	R21/300	LKD	30303352.7	200	50	50	31.2	FAIL
CBDM_PROPOSED	Block B		1st	R1/301	LKD	32430694.2	200	50	50	23.3	FAIL
CBDM_PROPOSED	Block B		1st	R2/301	BEDROOM	9643438.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		1st	R3/301	BEDROOM	13501538.5	100	50	50	79.5	PASS
CBDM_PROPOSED	Block B		1st	R4/301	BEDROOM	10621612.7	100	50	50	98.7	PASS
CBDM_PROPOSED	Block B		1st	R5/301	LKD	25397982.8	200	50	50	20.4	FAIL
CBDM_PROPOSED	Block B		1st	R6/301	STUDIO	30344599.1	200	50	50	27.8	FAIL
CBDM_PROPOSED	Block B		1st	R7/301	LKD	31789019.7	200	50	50	23.1	FAIL
CBDM_PROPOSED	Block B		1st	R8/301	LKD	31781928.4	200	50	50	24	FAIL
CBDM_PROPOSED	Block B		1st	R9/301	STUDIO	30884599.1	200	50	50	25.3	FAIL
CBDM_PROPOSED	Block B		1st	R10/301	LKD	23426976.8	200	50	50	23.5	FAIL
CBDM_PROPOSED	Block B		1st	R11/301	BEDROOM	10582073.3	100	50	50	98.7	PASS
CBDM_PROPOSED	Block B		1st	R12/301	LKD	31381250	200	50	50	35.1	FAIL
CBDM_PROPOSED	Block B		1st	R13/301	BEDROOM	11879386.5	100	50	50	96.7	PASS
CBDM_PROPOSED	Block B		1st	R14/301	BEDROOM	10697013	100	50	50	51.3	PASS
CBDM_PROPOSED	Block B		1st	R15/301	BEDROOM	10784668.3	100	50	50	41.6	FAIL
CBDM_PROPOSED	Block B		1st	R16/301	BEDROOM	11968690	100	50	50	79	PASS
CBDM_PROPOSED	Block B		1st	R17/301	BEDROOM	11835201	100	50	50	67.5	PASS
CBDM_PROPOSED	Block B		1st	R18/301	BEDROOM	10681700.4	100	50	50	34.7	FAIL
CBDM_PROPOSED	Block B		1st	R19/301	BEDROOM	11447697.4	100	50	50	41	FAIL
CBDM_PROPOSED	Block B		1st	R20/301	BEDROOM	11882022.1	100	50	50	73.4	PASS
CBDM_PROPOSED	Block B		1st	R21/301	LKD	30303352.7	200	50	50	34.5	FAIL
CBDM_PROPOSED	Block B		2nd	R1/302	LKD	32430694.2	200	50	50	25.4	FAIL
CBDM_PROPOSED	Block B		2nd	R2/302	BEDROOM	9643438.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		2nd	R3/302	BEDROOM	13501538.5	100	50	50	83.7	PASS
CBDM_PROPOSED	Block B		2nd	R4/302	BEDROOM	10621612.7	100	50	50	98.7	PASS
CBDM_PROPOSED	Block B		2nd	R5/302	LKD	25397982.8	200	50	50	24.5	FAIL
CBDM_PROPOSED	Block B		2nd	R6/302	STUDIO	30344599.1	200	50	50	36.8	FAIL
CBDM_PROPOSED	Block B		2nd	R7/302	LKD	31789019.7	200	50	50	28.4	FAIL
CBDM_PROPOSED	Block B		2nd	R8/302	LKD	31781928.4	200	50	50	28.4	FAIL
CBDM_PROPOSED	Block B		2nd	R9/302	STUDIO	30884599.1	200	50	50	31.5	FAIL
CBDM_PROPOSED	Block B		2nd	R10/302	LKD	23426976.8	200	50	50	27.5	FAIL
CBDM_PROPOSED	Block B		2nd	R11/302	BEDROOM	10582073.3	100	50	50	98.7	PASS
CBDM_PROPOSED	Block B		2nd	R12/302	LKD	31381250	200	50	50	41.4	FAIL
CBDM_PROPOSED	Block B		2nd	R13/302	BEDROOM	11879386.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		2nd	R14/302	BEDROOM	10697013	100	50	50	59.4	PASS
CBDM_PROPOSED	Block B		2nd	R15/302	BEDROOM	10784668.3	100	50	50	49.4	FAIL
CBDM_PROPOSED	Block B		2nd	R16/302	BEDROOM	11968690	100	50	50	87.7	PASS
CBDM_PROPOSED	Block B		2nd	R17/302	BEDROOM	11835201	100	50	50	81.7	PASS
CBDM_PROPOSED	Block B		2nd	R18/302	BEDROOM	10681700.4	100	50	50	42.4	FAIL
CBDM_PROPOSED	Block B		2nd	R19/302	BEDROOM	11447697.4	100	50	50	49.1	FAIL
CBDM_PROPOSED	Block B		2nd	R20/302	BEDROOM	11882022.1	100	50	50	98.9	PASS
CBDM_PROPOSED	Block B		2nd	R21/302	LKD	30303352.7	200	50	50	38.2	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block B		3rd	R1/303	LKD	32430694.2	200	50	50	26.2	FAIL
CBDM_PROPOSED	Block B		3rd	R2/303	BEDROOM	9643438.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		3rd	R3/303	BEDROOM	13501538.5	100	50	50	86.6	PASS
CBDM_PROPOSED	Block B		3rd	R4/303	BEDROOM	10621612.7	100	50	50	98.7	PASS
CBDM_PROPOSED	Block B		3rd	R5/303	LKD	25397982.8	200	50	50	25.1	FAIL
CBDM_PROPOSED	Block B		3rd	R6/303	STUDIO	30344599.1	200	50	50	40.9	FAIL
CBDM_PROPOSED	Block B		3rd	R7/303	LKD	31789019.7	200	50	50	29.7	FAIL
CBDM_PROPOSED	Block B		3rd	R8/303	LKD	31781928.4	200	50	50	30.6	FAIL
CBDM_PROPOSED	Block B		3rd	R9/303	STUDIO	30884599.1	200	50	50	39.5	FAIL
CBDM_PROPOSED	Block B		3rd	R10/303	LKD	23426976.8	200	50	50	30.8	FAIL
CBDM_PROPOSED	Block B		3rd	R11/303	BEDROOM	10582073.3	100	50	50	98.7	PASS
CBDM_PROPOSED	Block B		3rd	R12/303	LKD	31381250	200	50	50	47.7	FAIL
CBDM_PROPOSED	Block B		3rd	R13/303	BEDROOM	11879386.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		3rd	R14/303	BEDROOM	10697013	100	50	50	65.1	PASS
CBDM_PROPOSED	Block B		3rd	R15/303	BEDROOM	10784668.3	100	50	50	57.1	PASS
CBDM_PROPOSED	Block B		3rd	R16/303	BEDROOM	11968690	100	50	50	92.9	PASS
CBDM_PROPOSED	Block B		3rd	R17/303	BEDROOM	11835201	100	50	50	89.5	PASS
CBDM_PROPOSED	Block B		3rd	R18/303	BEDROOM	10681700.4	100	50	50	50.9	PASS
CBDM_PROPOSED	Block B		3rd	R19/303	BEDROOM	11447697.4	100	50	50	60.1	PASS
CBDM_PROPOSED	Block B		3rd	R20/303	BEDROOM	11882022.1	100	50	50	100	PASS
CBDM_PROPOSED	Block B		3rd	R21/303	LKD	30303352.7	200	50	50	43.8	FAIL
CBDM_PROPOSED	Block B		4th	R1/304	LKD	32430694.2	200	50	50	35.5	FAIL
CBDM_PROPOSED	Block B		4th	R2/304	BEDROOM	9643438.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		4th	R3/304	BEDROOM	13501538.5	100	50	50	88.6	PASS
CBDM_PROPOSED	Block B		4th	R4/304	BEDROOM	10621612.7	100	50	50	98.7	PASS
CBDM_PROPOSED	Block B		4th	R5/304	LKD	25397982.8	200	50	50	25.7	FAIL
CBDM_PROPOSED	Block B		4th	R6/304	STUDIO	30344599.1	200	50	50	42.3	FAIL
CBDM_PROPOSED	Block B		4th	R7/304	LKD	31789019.7	200	50	50	30.1	FAIL
CBDM_PROPOSED	Block B		4th	R8/304	LKD	31781928.4	200	50	50	31	FAIL
CBDM_PROPOSED	Block B		4th	R9/304	STUDIO	30884599.1	200	50	50	40	FAIL
CBDM_PROPOSED	Block B		4th	R10/304	LKD	23426976.8	200	50	50	31.2	FAIL
CBDM_PROPOSED	Block B		4th	R11/304	BEDROOM	10582073.3	100	50	50	100	PASS
CBDM_PROPOSED	Block B		4th	R12/304	LKD	31381250	200	50	50	47.2	FAIL
CBDM_PROPOSED	Block B		4th	R13/304	BEDROOM	11879386.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		4th	R14/304	BEDROOM	10697013	100	50	50	76.4	PASS
CBDM_PROPOSED	Block B		4th	R15/304	BEDROOM	10784668.3	100	50	50	76.8	PASS
CBDM_PROPOSED	Block B		4th	R16/304	BEDROOM	11968690	100	50	50	100	PASS
CBDM_PROPOSED	Block B		4th	R17/304	BEDROOM	11835201	100	50	50	100	PASS
CBDM_PROPOSED	Block B		4th	R18/304	BEDROOM	10681700.4	100	50	50	67.3	PASS
CBDM_PROPOSED	Block B		4th	R19/304	BEDROOM	11447697.4	100	50	50	79.5	PASS
CBDM_PROPOSED	Block B		4th	R20/304	BEDROOM	11882022.1	100	50	50	100	PASS
CBDM_PROPOSED	Block B		4th	R21/304	LKD	30303352.7	200	50	50	51.5	PASS
CBDM_PROPOSED	Block B		5th	R1/305	BEDROOM	11367328	100	50	50	97.7	PASS
CBDM_PROPOSED	Block B		5th	R2/305	BEDROOM	11835248.1	100	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R3/305	LKD	31859810.9	200	50	50	39.6	FAIL
CBDM_PROPOSED	Block B		5th	R4/305	BEDROOM	12996746.4	100	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R5/305	BEDROOM	10041865	100	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R6/305	LKD	32091948.6	200	50	50	58	PASS
CBDM_PROPOSED	Block B		5th	R7/305	LKD	31853712.8	200	50	50	62	PASS
CBDM_PROPOSED	Block B		5th	R8/305	LKD	31719394.7	200	50	50	62.1	PASS
CBDM_PROPOSED	Block B		5th	R9/305	LKD	32066300.3	200	50	50	57.9	PASS
CBDM_PROPOSED	Block B		5th	R10/305	BEDROOM	10041865	100	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R11/305	BEDROOM	12966893.2	100	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R12/305	BEDROOM	10779718.3	100	50	50	97.6	PASS
CBDM_PROPOSED	Block B		5th	R13/305	BEDROOM	11968663.1	100	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R14/305	BEDROOM	11835218.3	100	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R15/305	BEDROOM	10610407.1	100	50	50	94.4	PASS
CBDM_PROPOSED	Block B		Gnd	R1/320	BEDROOM	11451584.3	100	50	50	44.2	FAIL
CBDM_PROPOSED	Block B		Gnd	R2/320	BEDROOM	11886855.5	100	50	50	78.8	PASS
CBDM_PROPOSED	Block B		Gnd	R3/320	LKD	29351440.6	200	50	50	26.3	FAIL
CBDM_PROPOSED	Block B		Gnd	R4/320	LKD	31531268.7	200	50	50	43.6	FAIL
CBDM_PROPOSED	Block B		Gnd	R5/320	BEDROOM	9643438.5	100	50	50	98.4	PASS
CBDM_PROPOSED	Block B		Gnd	R6/320	BEDROOM	13439973.9	100	50	50	56.8	PASS
CBDM_PROPOSED	Block B		Gnd	R7/320	BEDROOM	10618953	100	50	50	82.9	PASS
CBDM_PROPOSED	Block B		Gnd	R8/320	LKD	23500991.5	200	50	50	23.6	FAIL
CBDM_PROPOSED	Block B		Gnd	R9/320	STUDIO	30880412.1	200	50	50	28.4	FAIL
CBDM_PROPOSED	Block B		Gnd	R10/320	LKD	31449765.7	200	50	50	23.5	FAIL
CBDM_PROPOSED	Block B		Gnd	R11/320	BEDROOM	11698690.3	100	50	50	51.5	PASS
CBDM_PROPOSED	Block B		Gnd	R12/320	BEDROOM	10562419.1	100	50	50	33.7	FAIL
CBDM_PROPOSED	Block B		1st	R1/321	BEDROOM	11451584.3	100	50	50	60.1	PASS
CBDM_PROPOSED	Block B		1st	R2/321	BEDROOM	11886855.5	100	50	50	97.7	PASS
CBDM_PROPOSED	Block B		1st	R3/321	LKD	29351440.6	200	50	50	27.9	FAIL
CBDM_PROPOSED	Block B		1st	R4/321	LKD	31531268.7	200	50	50	48.1	FAIL
CBDM_PROPOSED	Block B		1st	R5/321	BEDROOM	9643438.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		1st	R6/321	BEDROOM	13439973.9	100	50	50	79.2	PASS

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block B		1st	R7/321	BEDROOM	10618953	100	50	50	98.7	PASS
CBDM_PROPOSED	Block B		1st	R8/321	LKD	23500991.5	200	50	50	22.5	FAIL
CBDM_PROPOSED	Block B		1st	R9/321	STUDIO	30880412.1	200	50	50	28.2	FAIL
CBDM_PROPOSED	Block B		1st	R10/321	LKD	31449765.7	200	50	50	21.4	FAIL
CBDM_PROPOSED	Block B		1st	R11/321	BEDROOM	11698690.3	100	50	50	70.6	PASS
CBDM_PROPOSED	Block B		1st	R12/321	BEDROOM	10562419.1	100	50	50	41.1	FAIL
CBDM_PROPOSED	Block B		2nd	R1/322	BEDROOM	11451584.3	100	50	50	74.7	PASS
CBDM_PROPOSED	Block B		2nd	R2/322	BEDROOM	11886855.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		2nd	R3/322	LKD	29351440.6	200	50	50	36.5	FAIL
CBDM_PROPOSED	Block B		2nd	R4/322	LKD	31531268.7	200	50	50	54.8	PASS
CBDM_PROPOSED	Block B		2nd	R5/322	BEDROOM	9643438.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		2nd	R6/322	BEDROOM	13439973.9	100	50	50	83.4	PASS
CBDM_PROPOSED	Block B		2nd	R7/322	BEDROOM	10618953	100	50	50	100	PASS
CBDM_PROPOSED	Block B		2nd	R8/322	LKD	23500991.5	200	50	50	27.6	FAIL
CBDM_PROPOSED	Block B		2nd	R9/322	STUDIO	30880412.1	200	50	50	36.6	FAIL
CBDM_PROPOSED	Block B		2nd	R10/322	LKD	31449765.7	200	50	50	25.6	FAIL
CBDM_PROPOSED	Block B		2nd	R11/322	BEDROOM	11698690.3	100	50	50	81.7	PASS
CBDM_PROPOSED	Block B		2nd	R12/322	BEDROOM	10562419.1	100	50	50	55.7	PASS
CBDM_PROPOSED	Block B		3rd	R1/323	BEDROOM	11451584.3	100	50	50	80.8	PASS
CBDM_PROPOSED	Block B		3rd	R2/323	BEDROOM	11886855.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		3rd	R3/323	LKD	29351440.6	200	50	50	48.7	FAIL
CBDM_PROPOSED	Block B		3rd	R4/323	LKD	31531268.7	200	50	50	57.8	PASS
CBDM_PROPOSED	Block B		3rd	R5/323	BEDROOM	9643438.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		3rd	R6/323	BEDROOM	13439973.9	100	50	50	88.4	PASS
CBDM_PROPOSED	Block B		3rd	R7/323	BEDROOM	10618953	100	50	50	100	PASS
CBDM_PROPOSED	Block B		3rd	R8/323	LKD	23500991.5	200	50	50	30.5	FAIL
CBDM_PROPOSED	Block B		3rd	R9/323	STUDIO	30880412.1	200	50	50	41.1	FAIL
CBDM_PROPOSED	Block B		3rd	R10/323	LKD	31449765.7	200	50	50	27	FAIL
CBDM_PROPOSED	Block B		3rd	R11/323	BEDROOM	11698690.3	100	50	50	88.1	PASS
CBDM_PROPOSED	Block B		3rd	R12/323	BEDROOM	10562419.1	100	50	50	64.1	PASS
CBDM_PROPOSED	Block B		4th	R1/324	BEDROOM	11451584.3	100	50	50	83.2	PASS
CBDM_PROPOSED	Block B		4th	R2/324	BEDROOM	11886855.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		4th	R3/324	LKD	29351440.6	200	50	50	55.3	PASS
CBDM_PROPOSED	Block B		4th	R4/324	LKD	31531268.7	200	50	50	64.6	PASS
CBDM_PROPOSED	Block B		4th	R5/324	BEDROOM	9643438.5	100	50	50	100	PASS
CBDM_PROPOSED	Block B		4th	R6/324	BEDROOM	13439973.9	100	50	50	89.4	PASS
CBDM_PROPOSED	Block B		4th	R7/324	BEDROOM	10618953	100	50	50	100	PASS
CBDM_PROPOSED	Block B		4th	R8/324	LKD	23500991.5	200	50	50	31.7	FAIL
CBDM_PROPOSED	Block B		4th	R9/324	STUDIO	30880412.1	200	50	50	41.9	FAIL
CBDM_PROPOSED	Block B		4th	R10/324	LKD	31449765.7	200	50	50	27.9	FAIL
CBDM_PROPOSED	Block B		4th	R11/324	BEDROOM	11698690.3	100	50	50	98.8	PASS
CBDM_PROPOSED	Block B		4th	R12/324	BEDROOM	10562419.1	100	50	50	87.4	PASS
CBDM_PROPOSED	Block B		5th	R1/325	BEDROOM	11363669.7	100	50	50	97.7	PASS
CBDM_PROPOSED	Block B		5th	R2/325	BEDROOM	11835237.7	100	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R3/325	LKD	31811568.9	200	50	50	45	FAIL
CBDM_PROPOSED	Block B		5th	R4/325	BEDROOM	12966858.9	100	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R5/325	BEDROOM	10041865	100	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R6/325	LKD	32091947.8	200	50	50	63.5	PASS
CBDM_PROPOSED	Block B		5th	R7/325	LKD	31258398.7	200	50	50	67.8	PASS
CBDM_PROPOSED	Block B		5th	R8/325	BEDROOM	11818140.3	100	50	50	100	PASS
CBDM_PROPOSED	Block B		5th	R9/325	BEDROOM	10562419.1	100	50	50	94.7	PASS
CBDM_PROPOSED	Block C		Gnd	R1/350	LKD	34031433.4	200	50	50	9.4	FAIL
CBDM_PROPOSED	Block C		Gnd	R2/350	BEDROOM	10941326.1	100	50	50	44.1	FAIL
CBDM_PROPOSED	Block C		Gnd	R3/350	BEDROOM	12136252.7	100	50	50	37.3	FAIL
CBDM_PROPOSED	Block C		Gnd	R4/350	LKD	26830360.1	200	50	50	19.8	FAIL
CBDM_PROPOSED	Block C		Gnd	R5/350	BEDROOM	10956223	100	50	50	41.7	FAIL
CBDM_PROPOSED	Block C		Gnd	R6/350	LKD	22298845.6	200	50	50	76.2	PASS
CBDM_PROPOSED	Block C		Gnd	R8/350	BEDROOM	9838992.2	100	50	50	100	PASS
CBDM_PROPOSED	Block C		Gnd	R9/350	BEDROOM	9838992.2	100	50	50	100	PASS
CBDM_PROPOSED	Block C		Gnd	R10/350	LKD	25838681.2	200	50	50	40.9	FAIL
CBDM_PROPOSED	Block C		Gnd	R11/350	BEDROOM	13698840.2	100	50	50	98	PASS
CBDM_PROPOSED	Block C		Gnd	R12/350	BEDROOM	10268516.9	100	50	50	100	PASS
CBDM_PROPOSED	Block C		Gnd	R13/350	LKD	31994853.5	200	50	50	47.6	FAIL
CBDM_PROPOSED	Block C		Gnd	R14/350	LKD	32260068.4	200	50	50	44	FAIL
CBDM_PROPOSED	Block C		Gnd	R15/350	LKD	32260068.4	200	50	50	44.4	FAIL
CBDM_PROPOSED	Block C		Gnd	R16/350	LKD	31994853.5	200	50	50	46.6	FAIL
CBDM_PROPOSED	Block C		Gnd	R17/350	BEDROOM	10096094.6	100	50	50	100	PASS
CBDM_PROPOSED	Block C		Gnd	R18/350	BEDROOM	13739059	100	50	50	100	PASS
CBDM_PROPOSED	Block C		Gnd	R19/350	LKD	30827358.1	200	50	50	97.1	PASS
CBDM_PROPOSED	Block C		Gnd	R20/350	BEDROOM	10094592.5	100	50	50	92.1	PASS
CBDM_PROPOSED	Block C		Gnd	R21/350	BEDROOM	13913907.3	100	50	50	52.2	PASS
CBDM_PROPOSED	Block C		Gnd	R22/350	LKD	34876389.9	200	50	50	36.1	FAIL
CBDM_PROPOSED	Block C		Gnd	R23/350	BEDROOM	10768576.9	100	50	50	31	FAIL
CBDM_PROPOSED	Block C		Gnd	R24/350	BEDROOM	14510713.6	100	50	50	14.1	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block C		Gnd	R25/350	BEDROOM	10703144	100	50	50	32.8	FAIL
CBDM_PROPOSED	Block C		Gnd	R26/350	BEDROOM	12041104.7	100	50	50	33	FAIL
CBDM_PROPOSED	Block C		Gnd	R27/350	BEDROOM	12041104.7	100	50	50	48.5	FAIL
CBDM_PROPOSED	Block C		Gnd	R28/350	BEDROOM	10703144	100	50	50	40.4	FAIL
CBDM_PROPOSED	Block C		1st	R1/351	LKD	34031433.4	200	50	50	14.9	FAIL
CBDM_PROPOSED	Block C		1st	R2/351	BEDROOM	10941326.1	100	50	50	41.6	FAIL
CBDM_PROPOSED	Block C		1st	R3/351	BEDROOM	12136252.7	100	50	50	39.5	FAIL
CBDM_PROPOSED	Block C		1st	R4/351	LKD	26830360.1	200	50	50	23.5	FAIL
CBDM_PROPOSED	Block C		1st	R5/351	BEDROOM	10956223	100	50	50	47.7	FAIL
CBDM_PROPOSED	Block C		1st	R6/351	LKD	22298845.6	200	50	50	74.3	PASS
CBDM_PROPOSED	Block C		1st	R7/351	LKD	25877756.2	200	50	50	38.3	FAIL
CBDM_PROPOSED	Block C		1st	R8/351	BEDROOM	9838992.2	100	50	50	98.6	PASS
CBDM_PROPOSED	Block C		1st	R9/351	BEDROOM	9838992.2	100	50	50	98.6	PASS
CBDM_PROPOSED	Block C		1st	R10/351	LKD	25838681.2	200	50	50	35.1	FAIL
CBDM_PROPOSED	Block C		1st	R11/351	BEDROOM	13698840.2	100	50	50	98.7	PASS
CBDM_PROPOSED	Block C		1st	R12/351	BEDROOM	10161716.9	100	50	50	96.1	PASS
CBDM_PROPOSED	Block C		1st	R13/351	LKD	31994853.5	200	50	50	39.9	FAIL
CBDM_PROPOSED	Block C		1st	R14/351	LKD	32260068.4	200	50	50	38.7	FAIL
CBDM_PROPOSED	Block C		1st	R15/351	LKD	32260068.4	200	50	50	37.9	FAIL
CBDM_PROPOSED	Block C		1st	R16/351	LKD	31994853.5	200	50	50	40.1	FAIL
CBDM_PROPOSED	Block C		1st	R17/351	BEDROOM	10096094.6	100	50	50	92.1	PASS
CBDM_PROPOSED	Block C		1st	R18/351	BEDROOM	13739059	100	50	50	100	PASS
CBDM_PROPOSED	Block C		1st	R19/351	LKD	30827358.1	200	50	50	92.1	PASS
CBDM_PROPOSED	Block C		1st	R20/351	BEDROOM	10094592.5	100	50	50	96	PASS
CBDM_PROPOSED	Block C		1st	R21/351	BEDROOM	13913907.3	100	50	50	79.1	PASS
CBDM_PROPOSED	Block C		1st	R22/351	LKD	34876389.9	200	50	50	55.4	PASS
CBDM_PROPOSED	Block C		1st	R23/351	BEDROOM	10768576.9	100	50	50	37.5	FAIL
CBDM_PROPOSED	Block C		1st	R24/351	BEDROOM	14510713.6	100	50	50	24	FAIL
CBDM_PROPOSED	Block C		1st	R25/351	BEDROOM	10703144	100	50	50	35.2	FAIL
CBDM_PROPOSED	Block C		1st	R26/351	BEDROOM	12041104.7	100	50	50	36.3	FAIL
CBDM_PROPOSED	Block C		1st	R27/351	BEDROOM	12041104.7	100	50	50	62.2	PASS
CBDM_PROPOSED	Block C		1st	R28/351	BEDROOM	10703144	100	50	50	46.8	FAIL
CBDM_PROPOSED	Block C		2nd	R1/352	LKD	34031433.4	200	50	50	16.9	FAIL
CBDM_PROPOSED	Block C		2nd	R2/352	BEDROOM	10941326.1	100	50	50	61.3	PASS
CBDM_PROPOSED	Block C		2nd	R3/352	BEDROOM	12136252.7	100	50	50	50.7	PASS
CBDM_PROPOSED	Block C		2nd	R4/352	LKD	26830360.1	200	50	50	28	FAIL
CBDM_PROPOSED	Block C		2nd	R5/352	BEDROOM	10956223	100	50	50	59.3	PASS
CBDM_PROPOSED	Block C		2nd	R6/352	LKD	22298845.6	200	50	50	74.3	PASS
CBDM_PROPOSED	Block C		2nd	R7/352	LKD	25877756.2	200	50	50	38.9	FAIL
CBDM_PROPOSED	Block C		2nd	R8/352	BEDROOM	9838992.2	100	50	50	98.6	PASS
CBDM_PROPOSED	Block C		2nd	R9/352	BEDROOM	9838992.2	100	50	50	98.6	PASS
CBDM_PROPOSED	Block C		2nd	R10/352	LKD	25838681.2	200	50	50	36.2	FAIL
CBDM_PROPOSED	Block C		2nd	R11/352	BEDROOM	13698840.2	100	50	50	98.7	PASS
CBDM_PROPOSED	Block C		2nd	R12/352	BEDROOM	10161716.9	100	50	50	96.1	PASS
CBDM_PROPOSED	Block C		2nd	R13/352	LKD	31994853.5	200	50	50	41.4	FAIL
CBDM_PROPOSED	Block C		2nd	R14/352	LKD	32260068.4	200	50	50	38.7	FAIL
CBDM_PROPOSED	Block C		2nd	R15/352	LKD	32260068.4	200	50	50	38.3	FAIL
CBDM_PROPOSED	Block C		2nd	R16/352	LKD	31994853.5	200	50	50	41.9	FAIL
CBDM_PROPOSED	Block C		2nd	R17/352	BEDROOM	10096094.6	100	50	50	92.1	PASS
CBDM_PROPOSED	Block C		2nd	R18/352	BEDROOM	13739059	100	50	50	100	PASS
CBDM_PROPOSED	Block C		2nd	R19/352	LKD	30827358.1	200	50	50	93.5	PASS
CBDM_PROPOSED	Block C		2nd	R20/352	BEDROOM	10094592.5	100	50	50	98.7	PASS
CBDM_PROPOSED	Block C		2nd	R21/352	BEDROOM	13913907.3	100	50	50	82.4	PASS
CBDM_PROPOSED	Block C		2nd	R22/352	LKD	34876389.9	200	50	50	61.9	PASS
CBDM_PROPOSED	Block C		2nd	R23/352	BEDROOM	10768576.9	100	50	50	47.8	FAIL
CBDM_PROPOSED	Block C		2nd	R24/352	BEDROOM	14510713.6	100	50	50	28.5	FAIL
CBDM_PROPOSED	Block C		2nd	R25/352	BEDROOM	10703144	100	50	50	42.8	FAIL
CBDM_PROPOSED	Block C		2nd	R26/352	BEDROOM	12041104.7	100	50	50	48.6	FAIL
CBDM_PROPOSED	Block C		2nd	R27/352	BEDROOM	12041104.7	100	50	50	77.6	PASS
CBDM_PROPOSED	Block C		2nd	R28/352	BEDROOM	10703144	100	50	50	61.2	PASS
CBDM_PROPOSED	Block C		3rd	R1/353	LKD	34031433.4	200	50	50	19	FAIL
CBDM_PROPOSED	Block C		3rd	R2/353	BEDROOM	10941326.1	100	50	50	79	PASS
CBDM_PROPOSED	Block C		3rd	R3/353	BEDROOM	12136252.7	100	50	50	61.2	PASS
CBDM_PROPOSED	Block C		3rd	R4/353	LKD	26830360.1	200	50	50	47.9	FAIL
CBDM_PROPOSED	Block C		3rd	R5/353	BEDROOM	10956223	100	50	50	68.6	PASS
CBDM_PROPOSED	Block C		3rd	R6/353	LKD	22298845.6	200	50	50	82.9	PASS
CBDM_PROPOSED	Block C		3rd	R7/353	LKD	25877756.2	200	50	50	40.7	FAIL
CBDM_PROPOSED	Block C		3rd	R8/353	BEDROOM	9838992.2	100	50	50	100	PASS
CBDM_PROPOSED	Block C		3rd	R9/353	BEDROOM	9838992.2	100	50	50	98.6	PASS
CBDM_PROPOSED	Block C		3rd	R10/353	LKD	25838681.2	200	50	50	36.2	FAIL
CBDM_PROPOSED	Block C		3rd	R11/353	BEDROOM	13698840.2	100	50	50	98.7	PASS
CBDM_PROPOSED	Block C		3rd	R12/353	BEDROOM	10161716.9	100	50	50	96.1	PASS
CBDM_PROPOSED	Block C		3rd	R13/353	LKD	31994853.5	200	50	50	41	FAIL
CBDM_PROPOSED	Block C		3rd	R14/353	LKD	32260068.4	200	50	50	39.6	FAIL
CBDM_PROPOSED	Block C		3rd	R15/353	LKD	32260068.4	200	50	50	39.6	FAIL
CBDM_PROPOSED	Block C		3rd	R16/353	LKD	31994853.5	200	50	50	41.4	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block C		3rd	R17/353	BEDROOM	10096094.6	100	50	50	92.1	PASS
CBDM_PROPOSED	Block C		3rd	R18/353	BEDROOM	13739059	100	50	50	100	PASS
CBDM_PROPOSED	Block C		3rd	R19/353	LKD	30827358.1	200	50	50	94.4	PASS
CBDM_PROPOSED	Block C		3rd	R20/353	BEDROOM	10094592.5	100	50	50	98.7	PASS
CBDM_PROPOSED	Block C		3rd	R21/353	BEDROOM	13913907.3	100	50	50	84.3	PASS
CBDM_PROPOSED	Block C		3rd	R22/353	LKD	34876389.9	200	50	50	63.7	PASS
CBDM_PROPOSED	Block C		3rd	R23/353	BEDROOM	10768576.9	100	50	50	70.1	PASS
CBDM_PROPOSED	Block C		3rd	R24/353	BEDROOM	14510713.6	100	50	50	42.3	FAIL
CBDM_PROPOSED	Block C		3rd	R25/353	BEDROOM	10703144	100	50	50	53.6	PASS
CBDM_PROPOSED	Block C		3rd	R26/353	BEDROOM	12041104.7	100	50	50	63.8	PASS
CBDM_PROPOSED	Block C		3rd	R27/353	BEDROOM	12041104.7	100	50	50	88.3	PASS
CBDM_PROPOSED	Block C		3rd	R28/353	BEDROOM	10703144	100	50	50	73.5	PASS
CBDM_PROPOSED	Block C		4th	R1/354	LKD	34031433.4	200	50	50	23.9	FAIL
CBDM_PROPOSED	Block C		4th	R2/354	BEDROOM	10853900.2	100	50	50	95.9	PASS
CBDM_PROPOSED	Block C		4th	R3/354	BEDROOM	13698840.2	100	50	50	100	PASS
CBDM_PROPOSED	Block C		4th	R4/354	BEDROOM	10135869.5	100	50	50	100	PASS
CBDM_PROPOSED	Block C		4th	R5/354	LKD	31994853.5	200	50	50	52.3	PASS
CBDM_PROPOSED	Block C		4th	R6/354	LKD	32260068.4	200	50	50	50.3	PASS
CBDM_PROPOSED	Block C		4th	R7/354	LKD	32260068.4	200	50	50	41.8	FAIL
CBDM_PROPOSED	Block C		4th	R8/354	LKD	31994853.5	200	50	50	43.7	FAIL
CBDM_PROPOSED	Block C		4th	R9/354	BEDROOM	10161716.9	100	50	50	100	PASS
CBDM_PROPOSED	Block C		4th	R10/354	BEDROOM	13739059	100	50	50	100	PASS
CBDM_PROPOSED	Block C		4th	R11/354	LKD	30827358.1	200	50	50	100	PASS
CBDM_PROPOSED	Block C		4th	R12/354	BEDROOM	10094592.5	100	50	50	100	PASS
CBDM_PROPOSED	Block C		4th	R13/354	BEDROOM	13913907.3	100	50	50	83.2	PASS
CBDM_PROPOSED	Block C		4th	R14/354	LKD	34876389.9	200	50	50	56	PASS
CBDM_PROPOSED	Block C		4th	R15/354	BEDROOM	10768576.9	100	50	50	96.1	PASS
CBDM_PROPOSED	Block C		4th	R16/354	BEDROOM	14510713.6	100	50	50	54.3	PASS
CBDM_PROPOSED	Block C		4th	R17/354	BEDROOM	10703144	100	50	50	83.3	PASS
CBDM_PROPOSED	Block C		4th	R18/354	BEDROOM	12041104.7	100	50	50	93.3	PASS
CBDM_PROPOSED	Block C		4th	R19/354	BEDROOM	12041104.7	100	50	50	97.8	PASS
CBDM_PROPOSED	Block C		4th	R20/354	BEDROOM	10703144	100	50	50	94.5	PASS
CBDM_PROPOSED	Block C		5th	R1/355	BEDROOM	10778322.3	100	50	50	94.4	PASS
CBDM_PROPOSED	Block C		5th	R2/355	BEDROOM	12040939.1	100	50	50	96.7	PASS
CBDM_PROPOSED	Block C		5th	R3/355	LKD	32276370.7	200	50	50	100	PASS
CBDM_PROPOSED	Block C		5th	R4/355	BEDROOM	9755316.2	100	50	50	100	PASS
CBDM_PROPOSED	Block C		5th	R5/355	BEDROOM	9148538.7	100	50	50	100	PASS
CBDM_PROPOSED	Block C		5th	R6/355	BEDROOM	9148538.7	100	50	50	100	PASS
CBDM_PROPOSED	Block C		5th	R7/355	LKD	34221598.1	200	50	50	83.8	PASS
CBDM_PROPOSED	Block C		5th	R8/355	LKD	24965947.8	200	50	50	100	PASS
CBDM_PROPOSED	Block C		5th	R9/355	BEDROOM	11377189.9	100	50	50	97.5	PASS
CBDM_PROPOSED	Block D		Gnd	R1/360	BEDROOM	10798601.6	100	50	50	99.4	PASS
CBDM_PROPOSED	Block D		Gnd	R2/360	BEDROOM	12122716.3	100	50	50	87.5	PASS
CBDM_PROPOSED	Block D		Gnd	R3/360	LKD	31085106.7	200	50	50	18.6	FAIL
CBDM_PROPOSED	Block D		Gnd	R4/360	LKD	32484224.4	200	50	50	27	FAIL
CBDM_PROPOSED	Block D		Gnd	R5/360	BEDROOM	9959712.6	100	50	50	96.1	PASS
CBDM_PROPOSED	Block D		Gnd	R6/360	BEDROOM	13601984.8	100	50	50	53.3	PASS
CBDM_PROPOSED	Block D		Gnd	R7/360	LKD	30744744.7	200	50	50	4.5	FAIL
CBDM_PROPOSED	Block D		Gnd	R8/360	LKD	30739776.6	200	50	50	5.4	FAIL
CBDM_PROPOSED	Block D		Gnd	R9/360	LKD	32484224.4	200	50	50	5.6	FAIL
CBDM_PROPOSED	Block D		Gnd	R10/360	BEDROOM	9959712.6	100	50	50	54.4	PASS
CBDM_PROPOSED	Block D		Gnd	R11/360	BEDROOM	13602248.6	100	50	50	39.1	FAIL
CBDM_PROPOSED	Block D		Gnd	R12/360	LKD	25734379.1	200	50	50	13.4	FAIL
CBDM_PROPOSED	Block D		Gnd	R13/360	BEDROOM	9915560.1	100	50	50	59	PASS
CBDM_PROPOSED	Block D		Gnd	R14/360	BEDROOM	9915560.1	100	50	50	30.2	FAIL
CBDM_PROPOSED	Block D		Gnd	R15/360	LKD	25734379.1	200	50	50	11.7	FAIL
CBDM_PROPOSED	Block D		Gnd	R16/360	LKD	22155540.7	200	50	50	31.9	FAIL
CBDM_PROPOSED	Block D		Gnd	R17/360	BEDROOM	10794431.6	100	50	50	31.5	FAIL
CBDM_PROPOSED	Block D		Gnd	R18/360	LKD	27625769.2	200	50	50	93.1	PASS
CBDM_PROPOSED	Block D		Gnd	R19/360	BEDROOM	12925565	100	50	50	97.7	PASS
CBDM_PROPOSED	Block D		Gnd	R20/360	LKD	25539767.7	200	50	50	23.3	FAIL
CBDM_PROPOSED	Block D		Gnd	R21/360	BEDROOM	11954981.4	100	50	50	84.1	PASS
CBDM_PROPOSED	Block D		Gnd	R22/360	BEDROOM	10483044	100	50	50	93.1	PASS
CBDM_PROPOSED	Block D		Gnd	R23/360	BEDROOM	11919618.2	100	50	50	100	PASS
CBDM_PROPOSED	Block D		Gnd	R24/360	BEDROOM	12121027.9	100	50	50	100	PASS
CBDM_PROPOSED	Block D		Gnd	R25/360	BEDROOM	10665121	100	50	50	86.9	PASS
CBDM_PROPOSED	Block D		1st	R1/361	BEDROOM	10798601.6	100	50	50	98.1	PASS
CBDM_PROPOSED	Block D		1st	R2/361	BEDROOM	12122716.3	100	50	50	86.7	PASS
CBDM_PROPOSED	Block D		1st	R3/361	LKD	31085106.7	200	50	50	11.8	FAIL
CBDM_PROPOSED	Block D		1st	R4/361	LKD	32484224.4	200	50	50	18	FAIL
CBDM_PROPOSED	Block D		1st	R5/361	BEDROOM	9959712.6	100	50	50	86.2	PASS
CBDM_PROPOSED	Block D		1st	R6/361	BEDROOM	13601984.8	100	50	50	57.2	PASS
CBDM_PROPOSED	Block D		1st	R7/361	LKD	30744744.7	200	50	50	2.1	FAIL
CBDM_PROPOSED	Block D		1st	R8/361	LKD	30739776.6	200	50	50	2.6	FAIL
CBDM_PROPOSED	Block D		1st	R9/361	LKD	32484224.4	200	50	50	2.4	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block D		1st	R10/361	BEDROOM	9959712.6	100	50	50	34.9	FAIL
CBDM_PROPOSED	Block D		1st	R11/361	BEDROOM	13602248.6	100	50	50	41.4	FAIL
CBDM_PROPOSED	Block D		1st	R12/361	LKD	25734379.1	200	50	50	9.3	FAIL
CBDM_PROPOSED	Block D		1st	R13/361	BEDROOM	9915560.1	100	50	50	41.3	FAIL
CBDM_PROPOSED	Block D		1st	R14/361	BEDROOM	9915560.1	100	50	50	18.7	FAIL
CBDM_PROPOSED	Block D		1st	R15/361	LKD	25734379.1	200	50	50	8.2	FAIL
CBDM_PROPOSED	Block D		1st	R16/361	LKD	22155540.7	200	50	50	24.8	FAIL
CBDM_PROPOSED	Block D		1st	R17/361	BEDROOM	10794431.6	100	50	50	29.1	FAIL
CBDM_PROPOSED	Block D		1st	R18/361	LKD	27625769.2	200	50	50	70.5	PASS
CBDM_PROPOSED	Block D		1st	R19/361	BEDROOM	12925565	100	50	50	96.4	PASS
CBDM_PROPOSED	Block D		1st	R20/361	LKD	25539767.7	200	50	50	13.9	FAIL
CBDM_PROPOSED	Block D		1st	R21/361	BEDROOM	11954981.4	100	50	50	89.6	PASS
CBDM_PROPOSED	Block D		1st	R22/361	BEDROOM	10483044	100	50	50	94.1	PASS
CBDM_PROPOSED	Block D		1st	R23/361	BEDROOM	11919618.2	100	50	50	100	PASS
CBDM_PROPOSED	Block D		1st	R24/361	BEDROOM	12121027.9	100	50	50	100	PASS
CBDM_PROPOSED	Block D		1st	R25/361	BEDROOM	10665121	100	50	50	88.7	PASS
CBDM_PROPOSED	Block D		2nd	R1/362	BEDROOM	10798601.6	100	50	50	99.4	PASS
CBDM_PROPOSED	Block D		2nd	R2/362	BEDROOM	12122716.3	100	50	50	94.4	PASS
CBDM_PROPOSED	Block D		2nd	R3/362	LKD	31085106.7	200	50	50	15.9	FAIL
CBDM_PROPOSED	Block D		2nd	R4/362	LKD	32484224.4	200	50	50	22.3	FAIL
CBDM_PROPOSED	Block D		2nd	R5/362	BEDROOM	9959712.6	100	50	50	96.1	PASS
CBDM_PROPOSED	Block D		2nd	R6/362	BEDROOM	13601984.8	100	50	50	72.8	PASS
CBDM_PROPOSED	Block D		2nd	R7/362	LKD	30744744.7	200	50	50	3.1	FAIL
CBDM_PROPOSED	Block D		2nd	R8/362	LKD	30739776.6	200	50	50	3.6	FAIL
CBDM_PROPOSED	Block D		2nd	R9/362	LKD	32484224.4	200	50	50	5.1	FAIL
CBDM_PROPOSED	Block D		2nd	R10/362	BEDROOM	9959712.6	100	50	50	66.7	PASS
CBDM_PROPOSED	Block D		2nd	R11/362	BEDROOM	13602248.6	100	50	50	51.5	PASS
CBDM_PROPOSED	Block D		2nd	R12/362	LKD	25734379.1	200	50	50	13.4	FAIL
CBDM_PROPOSED	Block D		2nd	R13/362	BEDROOM	9915560.1	100	50	50	60	PASS
CBDM_PROPOSED	Block D		2nd	R14/362	BEDROOM	9915560.1	100	50	50	33.1	FAIL
CBDM_PROPOSED	Block D		2nd	R15/362	LKD	25734379.1	200	50	50	12.3	FAIL
CBDM_PROPOSED	Block D		2nd	R16/362	LKD	22155540.7	200	50	50	35.1	FAIL
CBDM_PROPOSED	Block D		2nd	R17/362	BEDROOM	10794431.6	100	50	50	35.1	FAIL
CBDM_PROPOSED	Block D		2nd	R18/362	LKD	27625769.2	200	50	50	74.1	PASS
CBDM_PROPOSED	Block D		2nd	R19/362	BEDROOM	12925565	100	50	50	96.4	PASS
CBDM_PROPOSED	Block D		2nd	R20/362	LKD	25539767.7	200	50	50	15.6	FAIL
CBDM_PROPOSED	Block D		2nd	R21/362	BEDROOM	11954981.4	100	50	50	96.4	PASS
CBDM_PROPOSED	Block D		2nd	R22/362	BEDROOM	10483044	100	50	50	94.1	PASS
CBDM_PROPOSED	Block D		2nd	R23/362	BEDROOM	11919618.2	100	50	50	100	PASS
CBDM_PROPOSED	Block D		2nd	R24/362	BEDROOM	12121027.9	100	50	50	100	PASS
CBDM_PROPOSED	Block D		2nd	R25/362	BEDROOM	10665121	100	50	50	92.8	PASS
CBDM_PROPOSED	Block D		3rd	R1/363	BEDROOM	10798601.6	100	50	50	99.6	PASS
CBDM_PROPOSED	Block D		3rd	R2/363	BEDROOM	12122716.3	100	50	50	94.5	PASS
CBDM_PROPOSED	Block D		3rd	R3/363	LKD	31085106.7	200	50	50	20.9	FAIL
CBDM_PROPOSED	Block D		3rd	R4/363	LKD	32484224.4	200	50	50	27.9	FAIL
CBDM_PROPOSED	Block D		3rd	R5/363	BEDROOM	9959712.6	100	50	50	97.3	PASS
CBDM_PROPOSED	Block D		3rd	R6/363	BEDROOM	13601984.8	100	50	50	77.9	PASS
CBDM_PROPOSED	Block D		3rd	R7/363	LKD	30744744.7	200	50	50	5.8	FAIL
CBDM_PROPOSED	Block D		3rd	R8/363	LKD	30739776.6	200	50	50	6.8	FAIL
CBDM_PROPOSED	Block D		3rd	R9/363	LKD	32484224.4	200	50	50	6.5	FAIL
CBDM_PROPOSED	Block D		3rd	R10/363	BEDROOM	9959712.6	100	50	50	96.1	PASS
CBDM_PROPOSED	Block D		3rd	R11/363	BEDROOM	13602248.6	100	50	50	67	PASS
CBDM_PROPOSED	Block D		3rd	R12/363	LKD	25734379.1	200	50	50	17.5	FAIL
CBDM_PROPOSED	Block D		3rd	R13/363	BEDROOM	9915560.1	100	50	50	75.3	PASS
CBDM_PROPOSED	Block D		3rd	R14/363	BEDROOM	9915560.1	100	50	50	66.7	PASS
CBDM_PROPOSED	Block D		3rd	R15/363	LKD	25734379.1	200	50	50	17.5	FAIL
CBDM_PROPOSED	Block D		3rd	R16/363	LKD	22155540.7	200	50	50	48.5	FAIL
CBDM_PROPOSED	Block D		3rd	R17/363	BEDROOM	10794431.6	100	50	50	35.1	FAIL
CBDM_PROPOSED	Block D		3rd	R18/363	LKD	27625769.2	200	50	50	77.9	PASS
CBDM_PROPOSED	Block D		3rd	R19/363	BEDROOM	12925565	100	50	50	97	PASS
CBDM_PROPOSED	Block D		3rd	R20/363	LKD	25539767.7	200	50	50	18.9	FAIL
CBDM_PROPOSED	Block D		3rd	R21/363	BEDROOM	11954981.4	100	50	50	96.4	PASS
CBDM_PROPOSED	Block D		3rd	R22/363	BEDROOM	10483044	100	50	50	94.1	PASS
CBDM_PROPOSED	Block D		3rd	R23/363	BEDROOM	11919618.2	100	50	50	100	PASS
CBDM_PROPOSED	Block D		3rd	R24/363	BEDROOM	12121027.9	100	50	50	100	PASS
CBDM_PROPOSED	Block D		3rd	R25/363	BEDROOM	10665121	100	50	50	92.8	PASS
CBDM_PROPOSED	Block D		4th	R1/364	BEDROOM	10798601.6	100	50	50	99.6	PASS
CBDM_PROPOSED	Block D		4th	R2/364	BEDROOM	12122716.3	100	50	50	94.5	PASS
CBDM_PROPOSED	Block D		4th	R3/364	LKD	31085106.7	200	50	50	28.6	FAIL
CBDM_PROPOSED	Block D		4th	R4/364	LKD	32484224.4	200	50	50	30.4	FAIL
CBDM_PROPOSED	Block D		4th	R5/364	BEDROOM	9959712.6	100	50	50	100	PASS
CBDM_PROPOSED	Block D		4th	R6/364	BEDROOM	13601984.8	100	50	50	83.7	PASS
CBDM_PROPOSED	Block D		4th	R7/364	LKD	30744744.7	200	50	50	6.7	FAIL
CBDM_PROPOSED	Block D		4th	R8/364	LKD	30739776.6	200	50	50	8.6	FAIL
CBDM_PROPOSED	Block D		4th	R9/364	LKD	32484224.4	200	50	50	10.1	FAIL
CBDM_PROPOSED	Block D		4th	R10/364	BEDROOM	9959712.6	100	50	50	97.4	PASS

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block D		4th	R11/364	BEDROOM	13602248.6	100	50	50	76.7	PASS
CBDM_PROPOSED	Block D		4th	R12/364	LKD	25734379.1	200	50	50	23.9	FAIL
CBDM_PROPOSED	Block D		4th	R13/364	BEDROOM	9915560.1	100	50	50	98.6	PASS
CBDM_PROPOSED	Block D		4th	R14/364	BEDROOM	9915560.1	100	50	50	95.3	PASS
CBDM_PROPOSED	Block D		4th	R15/364	LKD	25734379.1	200	50	50	22.8	FAIL
CBDM_PROPOSED	Block D		4th	R16/364	LKD	22155540.7	200	50	50	74.2	PASS
CBDM_PROPOSED	Block D		4th	R17/364	BEDROOM	10794431.6	100	50	50	43	FAIL
CBDM_PROPOSED	Block D		4th	R18/364	LKD	27625769.2	200	50	50	82.9	PASS
CBDM_PROPOSED	Block D		4th	R19/364	BEDROOM	12925565	100	50	50	97	PASS
CBDM_PROPOSED	Block D		4th	R20/364	LKD	25539767.7	200	50	50	18.9	FAIL
CBDM_PROPOSED	Block D		4th	R21/364	BEDROOM	11954981.4	100	50	50	96.4	PASS
CBDM_PROPOSED	Block D		4th	R22/364	BEDROOM	10483044	100	50	50	94.1	PASS
CBDM_PROPOSED	Block D		4th	R23/364	BEDROOM	11919618.2	100	50	50	100	PASS
CBDM_PROPOSED	Block D		4th	R24/364	BEDROOM	12121027.9	100	50	50	100	PASS
CBDM_PROPOSED	Block D		4th	R25/364	BEDROOM	10665121	100	50	50	92.8	PASS
CBDM_PROPOSED	Block D		5th	R1/365	BEDROOM	10798601.6	100	50	50	99.6	PASS
CBDM_PROPOSED	Block D		5th	R2/365	BEDROOM	12122716.3	100	50	50	96.7	PASS
CBDM_PROPOSED	Block D		5th	R3/365	LKD	31085106.7	200	50	50	40	FAIL
CBDM_PROPOSED	Block D		5th	R4/365	LKD	32484224.4	200	50	50	34.2	FAIL
CBDM_PROPOSED	Block D		5th	R5/365	BEDROOM	9959712.6	100	50	50	100	PASS
CBDM_PROPOSED	Block D		5th	R6/365	BEDROOM	13601984.8	100	50	50	89.9	PASS
CBDM_PROPOSED	Block D		5th	R7/365	LKD	30744744.7	200	50	50	7.2	FAIL
CBDM_PROPOSED	Block D		5th	R8/365	LKD	30739776.6	200	50	50	10.9	FAIL
CBDM_PROPOSED	Block D		5th	R9/365	LKD	32484224.4	200	50	50	12.1	FAIL
CBDM_PROPOSED	Block D		5th	R10/365	BEDROOM	9959712.6	100	50	50	100	PASS
CBDM_PROPOSED	Block D		5th	R11/365	BEDROOM	13602248.6	100	50	50	81.7	PASS
CBDM_PROPOSED	Block D		5th	R12/365	LKD	25734379.1	200	50	50	30.4	FAIL
CBDM_PROPOSED	Block D		5th	R13/365	BEDROOM	9915560.1	100	50	50	100	PASS
CBDM_PROPOSED	Block D		5th	R14/365	BEDROOM	9915560.1	100	50	50	98.6	PASS
CBDM_PROPOSED	Block D		5th	R15/365	LKD	25734379.1	200	50	50	28	FAIL
CBDM_PROPOSED	Block D		5th	R16/365	LKD	22155540.7	200	50	50	90.4	PASS
CBDM_PROPOSED	Block D		5th	R17/365	BEDROOM	10794431.6	100	50	50	47.9	FAIL
CBDM_PROPOSED	Block D		5th	R18/365	LKD	27625769.2	200	50	50	87.4	PASS
CBDM_PROPOSED	Block D		5th	R19/365	BEDROOM	12925565	100	50	50	97	PASS
CBDM_PROPOSED	Block D		5th	R20/365	LKD	25539767.7	200	50	50	23.3	FAIL
CBDM_PROPOSED	Block D		5th	R21/365	BEDROOM	11954981.4	100	50	50	96.4	PASS
CBDM_PROPOSED	Block D		5th	R22/365	BEDROOM	10483044	100	50	50	94.1	PASS
CBDM_PROPOSED	Block D		5th	R23/365	BEDROOM	11919618.2	100	50	50	100	PASS
CBDM_PROPOSED	Block D		5th	R24/365	BEDROOM	12121027.9	100	50	50	100	PASS
CBDM_PROPOSED	Block D		5th	R25/365	BEDROOM	10665121	100	50	50	93.5	PASS
CBDM_PROPOSED	Block D		6th	R1/366	BEDROOM	10798601.6	100	50	50	99.6	PASS
CBDM_PROPOSED	Block D		6th	R2/366	BEDROOM	12122716.3	100	50	50	96.7	PASS
CBDM_PROPOSED	Block D		6th	R3/366	LKD	31085106.7	200	50	50	66.4	PASS
CBDM_PROPOSED	Block D		6th	R4/366	LKD	32484224.4	200	50	50	35.6	FAIL
CBDM_PROPOSED	Block D		6th	R5/366	BEDROOM	9959712.6	100	50	50	100	PASS
CBDM_PROPOSED	Block D		6th	R6/366	BEDROOM	13601984.8	100	50	50	94	PASS
CBDM_PROPOSED	Block D		6th	R7/366	LKD	30744744.7	200	50	50	8.6	FAIL
CBDM_PROPOSED	Block D		6th	R8/366	LKD	30739776.6	200	50	50	12.2	FAIL
CBDM_PROPOSED	Block D		6th	R9/366	LKD	32484224.4	200	50	50	15	FAIL
CBDM_PROPOSED	Block D		6th	R10/366	BEDROOM	9959712.6	100	50	50	100	PASS
CBDM_PROPOSED	Block D		6th	R11/366	BEDROOM	13602248.6	100	50	50	87.9	PASS
CBDM_PROPOSED	Block D		6th	R12/366	LKD	25734379.1	200	50	50	32.7	FAIL
CBDM_PROPOSED	Block D		6th	R13/366	BEDROOM	9915560.1	100	50	50	100	PASS
CBDM_PROPOSED	Block D		6th	R14/366	BEDROOM	9915560.1	100	50	50	100	PASS
CBDM_PROPOSED	Block D		6th	R15/366	LKD	25734379.1	200	50	50	30.4	FAIL
CBDM_PROPOSED	Block D		6th	R16/366	LKD	22155540.7	200	50	50	98.7	PASS
CBDM_PROPOSED	Block D		6th	R17/366	BEDROOM	10794431.6	100	50	50	61.8	PASS
CBDM_PROPOSED	Block D		6th	R18/366	LKD	27625769.2	200	50	50	91.1	PASS
CBDM_PROPOSED	Block D		6th	R19/366	BEDROOM	12925565	100	50	50	97	PASS
CBDM_PROPOSED	Block D		6th	R20/366	LKD	25539767.7	200	50	50	24.4	FAIL
CBDM_PROPOSED	Block D		6th	R21/366	BEDROOM	11954981.4	100	50	50	96.4	PASS
CBDM_PROPOSED	Block D		6th	R22/366	BEDROOM	10483044	100	50	50	94.1	PASS
CBDM_PROPOSED	Block D		6th	R23/366	BEDROOM	11919618.2	100	50	50	100	PASS
CBDM_PROPOSED	Block D		6th	R24/366	BEDROOM	12121027.9	100	50	50	100	PASS
CBDM_PROPOSED	Block D		6th	R25/366	BEDROOM	10665121	100	50	50	93.5	PASS
CBDM_PROPOSED	Block D		7th	R1/367	LKD	32317696.4	200	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R2/367	BEDROOM	10688086.9	100	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R3/367	BEDROOM	12122257.8	100	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R4/367	LKD	30506257.8	200	50	50	65	PASS
CBDM_PROPOSED	Block D		7th	R5/367	LKD	30501323.5	200	50	50	73.6	PASS
CBDM_PROPOSED	Block D		7th	R6/367	BEDROOM	12085662.9	100	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R7/367	BEDROOM	10576059.6	100	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R8/367	LKD	31963740.6	200	50	50	65.5	PASS
CBDM_PROPOSED	Block D		7th	R9/367	BEDROOM	10124816	100	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R10/367	BEDROOM	9090758.5	100	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R11/367	BEDROOM	8795911.5	100	50	50	100	PASS

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block D		7th	R12/367	LKD	34440967.6	200	50	50	88.4	PASS
CBDM_PROPOSED	Block D		7th	R13/367	LKD	25537508.7	200	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R14/367	BEDROOM	11970780.9	100	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R15/367	BEDROOM	10483044	100	50	50	98.3	PASS
CBDM_PROPOSED	Block D		7th	R16/367	BEDROOM	11919659.5	100	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R17/367	BEDROOM	12120993.6	100	50	50	100	PASS
CBDM_PROPOSED	Block D		7th	R18/367	BEDROOM	10665121	100	50	50	96.1	PASS
CBDM_PROPOSED	Block E		Gnd	R1/370	BEDROOM	10934682.1	100	50	50	38	FAIL
CBDM_PROPOSED	Block E		Gnd	R2/370	LKD	25562001.4	200	50	50	13.4	FAIL
CBDM_PROPOSED	Block E		Gnd	R3/370	BEDROOM	10906855	100	50	50	45.2	FAIL
CBDM_PROPOSED	Block E		Gnd	R4/370	LKD	24146868.9	200	50	50	10.8	FAIL
CBDM_PROPOSED	Block E		Gnd	R5/370	LKD	26164993	200	50	50	88.5	PASS
CBDM_PROPOSED	Block E		Gnd	R6/370	BEDROOM	9647502.2	100	50	50	100	PASS
CBDM_PROPOSED	Block E		Gnd	R7/370	BEDROOM	9647502.2	100	50	50	100	PASS
CBDM_PROPOSED	Block E		Gnd	R8/370	LKD	26032305.6	200	50	50	40.1	FAIL
CBDM_PROPOSED	Block E		Gnd	R9/370	BEDROOM	13325931.7	100	50	50	66.2	PASS
CBDM_PROPOSED	Block E		Gnd	R10/370	BEDROOM	9576257	100	50	50	97	PASS
CBDM_PROPOSED	Block E		Gnd	R11/370	LKD	32672166.4	200	50	50	29.8	FAIL
CBDM_PROPOSED	Block E		Gnd	R12/370	LKD	31120753.1	200	50	50	29.7	FAIL
CBDM_PROPOSED	Block E		Gnd	R13/370	LKD	31218534.4	200	50	50	26.1	FAIL
CBDM_PROPOSED	Block E		Gnd	R14/370	BEDROOM	13325931.7	100	50	50	45.4	FAIL
CBDM_PROPOSED	Block E		Gnd	R15/370	BEDROOM	9576257	100	50	50	82.7	PASS
CBDM_PROPOSED	Block E		Gnd	R16/370	LKD	32467152.3	200	50	50	28.6	FAIL
CBDM_PROPOSED	Block E		Gnd	R17/370	LKD	30537371.4	200	50	50	28.6	FAIL
CBDM_PROPOSED	Block E		Gnd	R18/370	BEDROOM	11977280.3	100	50	50	89.1	PASS
CBDM_PROPOSED	Block E		Gnd	R19/370	BEDROOM	10925608.5	100	50	50	88.8	PASS
CBDM_PROPOSED	Block E		Gnd	R20/370	BEDROOM	10813379.8	100	50	50	44.7	FAIL
CBDM_PROPOSED	Block E		Gnd	R21/370	BEDROOM	12053237.4	100	50	50	80	PASS
CBDM_PROPOSED	Block E		Gnd	R22/370	BEDROOM	12063194.9	100	50	50	68	PASS
CBDM_PROPOSED	Block E		Gnd	R23/370	BEDROOM	10813379.8	100	50	50	48.4	FAIL
CBDM_PROPOSED	Block E		1st	R1/371	BEDROOM	10934682.1	100	50	50	56.7	PASS
CBDM_PROPOSED	Block E		1st	R2/371	LKD	25562001.4	200	50	50	12.8	FAIL
CBDM_PROPOSED	Block E		1st	R3/371	BEDROOM	10906855	100	50	50	59.3	PASS
CBDM_PROPOSED	Block E		1st	R4/371	LKD	24146868.9	200	50	50	59.5	PASS
CBDM_PROPOSED	Block E		1st	R5/371	LKD	26164993	200	50	50	93.9	PASS
CBDM_PROPOSED	Block E		1st	R6/371	BEDROOM	9647502.2	100	50	50	100	PASS
CBDM_PROPOSED	Block E		1st	R7/371	BEDROOM	9647502.2	100	50	50	100	PASS
CBDM_PROPOSED	Block E		1st	R8/371	LKD	26032305.6	200	50	50	36.4	FAIL
CBDM_PROPOSED	Block E		1st	R9/371	BEDROOM	13325931.7	100	50	50	75.6	PASS
CBDM_PROPOSED	Block E		1st	R10/371	BEDROOM	9576257	100	50	50	97	PASS
CBDM_PROPOSED	Block E		1st	R11/371	LKD	32672166.4	200	50	50	32.1	FAIL
CBDM_PROPOSED	Block E		1st	R12/371	LKD	31120753.1	200	50	50	31.4	FAIL
CBDM_PROPOSED	Block E		1st	R13/371	LKD	31218534.4	200	50	50	29.2	FAIL
CBDM_PROPOSED	Block E		1st	R14/371	BEDROOM	13325931.7	100	50	50	54.9	PASS
CBDM_PROPOSED	Block E		1st	R15/371	BEDROOM	9576257	100	50	50	84.9	PASS
CBDM_PROPOSED	Block E		1st	R16/371	LKD	32467152.3	200	50	50	26.7	FAIL
CBDM_PROPOSED	Block E		1st	R17/371	LKD	30537371.4	200	50	50	25.9	FAIL
CBDM_PROPOSED	Block E		1st	R18/371	BEDROOM	11977280.3	100	50	50	93.1	PASS
CBDM_PROPOSED	Block E		1st	R19/371	BEDROOM	10925608.5	100	50	50	97.3	PASS
CBDM_PROPOSED	Block E		1st	R20/371	BEDROOM	10813379.8	100	50	50	58.5	PASS
CBDM_PROPOSED	Block E		1st	R21/371	BEDROOM	12053237.4	100	50	50	88.6	PASS
CBDM_PROPOSED	Block E		1st	R22/371	BEDROOM	12063194.9	100	50	50	83.9	PASS
CBDM_PROPOSED	Block E		1st	R23/371	BEDROOM	10813379.8	100	50	50	59.4	PASS
CBDM_PROPOSED	Block E		2nd	R1/372	BEDROOM	10934682.1	100	50	50	71.8	PASS
CBDM_PROPOSED	Block E		2nd	R2/372	LKD	25562001.4	200	50	50	21.2	FAIL
CBDM_PROPOSED	Block E		2nd	R3/372	BEDROOM	10906855	100	50	50	77	PASS
CBDM_PROPOSED	Block E		2nd	R4/372	LKD	24146868.9	200	50	50	69.1	PASS
CBDM_PROPOSED	Block E		2nd	R5/372	LKD	26164993	200	50	50	96.9	PASS
CBDM_PROPOSED	Block E		2nd	R6/372	BEDROOM	9647502.2	100	50	50	100	PASS
CBDM_PROPOSED	Block E		2nd	R7/372	BEDROOM	9647502.2	100	50	50	100	PASS
CBDM_PROPOSED	Block E		2nd	R8/372	LKD	26032305.6	200	50	50	41.9	FAIL
CBDM_PROPOSED	Block E		2nd	R9/372	BEDROOM	13325931.7	100	50	50	87.7	PASS
CBDM_PROPOSED	Block E		2nd	R10/372	BEDROOM	9576257	100	50	50	100	PASS
CBDM_PROPOSED	Block E		2nd	R11/372	LKD	32672166.4	200	50	50	37.9	FAIL
CBDM_PROPOSED	Block E		2nd	R12/372	LKD	31120753.1	200	50	50	38.9	FAIL
CBDM_PROPOSED	Block E		2nd	R13/372	LKD	31218534.4	200	50	50	34.4	FAIL
CBDM_PROPOSED	Block E		2nd	R14/372	BEDROOM	13325931.7	100	50	50	67.9	PASS
CBDM_PROPOSED	Block E		2nd	R15/372	BEDROOM	9576257	100	50	50	97	PASS
CBDM_PROPOSED	Block E		2nd	R16/372	LKD	32467152.3	200	50	50	33.3	FAIL
CBDM_PROPOSED	Block E		2nd	R17/372	LKD	30537371.4	200	50	50	35.9	FAIL
CBDM_PROPOSED	Block E		2nd	R18/372	BEDROOM	11977280.3	100	50	50	95.2	PASS
CBDM_PROPOSED	Block E		2nd	R19/372	BEDROOM	10925608.5	100	50	50	97.3	PASS
CBDM_PROPOSED	Block E		2nd	R20/372	BEDROOM	10813379.8	100	50	50	78.7	PASS
CBDM_PROPOSED	Block E		2nd	R21/372	BEDROOM	12053237.4	100	50	50	100	PASS
CBDM_PROPOSED	Block E		2nd	R22/372	BEDROOM	12063194.9	100	50	50	98.8	PASS
CBDM_PROPOSED	Block E		2nd	R23/372	BEDROOM	10813379.8	100	50	50	70.1	PASS

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block E		3rd	R1/373	BEDROOM	10934682.1	100	50	50	94.7	PASS
CBDM_PROPOSED	Block E		3rd	R2/373	LKD	25562001.4	200	50	50	16.7	FAIL
CBDM_PROPOSED	Block E		3rd	R3/373	BEDROOM	10906855	100	50	50	95.3	PASS
CBDM_PROPOSED	Block E		3rd	R4/373	LKD	24146868.9	200	50	50	72.3	PASS
CBDM_PROPOSED	Block E		3rd	R5/373	LKD	26164993	200	50	50	96.3	PASS
CBDM_PROPOSED	Block E		3rd	R6/373	BEDROOM	9647502.2	100	50	50	100	PASS
CBDM_PROPOSED	Block E		3rd	R7/373	BEDROOM	9647502.2	100	50	50	100	PASS
CBDM_PROPOSED	Block E		3rd	R8/373	LKD	26032305.6	200	50	50	44.4	FAIL
CBDM_PROPOSED	Block E		3rd	R9/373	BEDROOM	13325931.7	100	50	50	92.6	PASS
CBDM_PROPOSED	Block E		3rd	R10/373	BEDROOM	9576257	100	50	50	100	PASS
CBDM_PROPOSED	Block E		3rd	R11/373	LKD	32672166.4	200	50	50	43.8	FAIL
CBDM_PROPOSED	Block E		3rd	R12/373	LKD	31120753.1	200	50	50	44.1	FAIL
CBDM_PROPOSED	Block E		3rd	R13/373	LKD	31218534.4	200	50	50	40.1	FAIL
CBDM_PROPOSED	Block E		3rd	R14/373	BEDROOM	13325931.7	100	50	50	78.8	PASS
CBDM_PROPOSED	Block E		3rd	R15/373	BEDROOM	9576257	100	50	50	100	PASS
CBDM_PROPOSED	Block E		3rd	R16/373	LKD	32467152.3	200	50	50	38.1	FAIL
CBDM_PROPOSED	Block E		3rd	R17/373	LKD	30537371.4	200	50	50	41.8	FAIL
CBDM_PROPOSED	Block E		3rd	R18/373	BEDROOM	11977280.3	100	50	50	95.2	PASS
CBDM_PROPOSED	Block E		3rd	R19/373	BEDROOM	10925608.5	100	50	50	99.3	PASS
CBDM_PROPOSED	Block E		3rd	R20/373	BEDROOM	10813379.8	100	50	50	92.6	PASS
CBDM_PROPOSED	Block E		3rd	R21/373	BEDROOM	12053237.4	100	50	50	100	PASS
CBDM_PROPOSED	Block E		3rd	R22/373	BEDROOM	12063194.9	100	50	50	100	PASS
CBDM_PROPOSED	Block E		3rd	R23/373	BEDROOM	10813379.8	100	50	50	91.1	PASS
CBDM_PROPOSED	Block E		4th	R1/374	BEDROOM	12213080.5	100	50	50	98.5	PASS
CBDM_PROPOSED	Block E		4th	R2/374	BEDROOM	12892026	100	50	50	97.7	PASS
CBDM_PROPOSED	Block E		4th	R3/374	LKD	31257741.1	200	50	50	31.3	FAIL
CBDM_PROPOSED	Block E		4th	R4/374	BEDROOM	13325931.7	100	50	50	95.7	PASS
CBDM_PROPOSED	Block E		4th	R5/374	BEDROOM	9576257	100	50	50	100	PASS
CBDM_PROPOSED	Block E		4th	R6/374	LKD	32672166.4	200	50	50	46.2	FAIL
CBDM_PROPOSED	Block E		4th	R7/374	LKD	31120753.1	200	50	50	48.9	FAIL
CBDM_PROPOSED	Block E		4th	R8/374	LKD	31218534.4	200	50	50	44.6	FAIL
CBDM_PROPOSED	Block E		4th	R9/374	BEDROOM	13325931.7	100	50	50	86.1	PASS
CBDM_PROPOSED	Block E		4th	R10/374	BEDROOM	9576257	100	50	50	100	PASS
CBDM_PROPOSED	Block E		4th	R11/374	LKD	32467152.3	200	50	50	44	FAIL
CBDM_PROPOSED	Block E		4th	R12/374	LKD	30537371.4	200	50	50	35	FAIL
CBDM_PROPOSED	Block E		4th	R13/374	BEDROOM	11977280.3	100	50	50	98.8	PASS
CBDM_PROPOSED	Block E		4th	R14/374	BEDROOM	10925608.5	100	50	50	99.5	PASS
CBDM_PROPOSED	Block E		4th	R15/374	BEDROOM	10813379.8	100	50	50	92.6	PASS
CBDM_PROPOSED	Block E		4th	R16/374	BEDROOM	12053237.4	100	50	50	94.4	PASS
CBDM_PROPOSED	Block E		4th	R17/374	BEDROOM	12063194.9	100	50	50	94.4	PASS
CBDM_PROPOSED	Block E		4th	R18/374	BEDROOM	10813379.8	100	50	50	92.6	PASS
CBDM_PROPOSED	Block E		5th	R1/375	BEDROOM	12213080.5	100	50	50	98.5	PASS
CBDM_PROPOSED	Block E		5th	R2/375	BEDROOM	12892026	100	50	50	100	PASS
CBDM_PROPOSED	Block E		5th	R3/375	LKD	31257741.1	200	50	50	32.1	FAIL
CBDM_PROPOSED	Block E		5th	R4/375	BEDROOM	13325931.7	100	50	50	96.6	PASS
CBDM_PROPOSED	Block E		5th	R5/375	BEDROOM	9576257	100	50	50	100	PASS
CBDM_PROPOSED	Block E		5th	R6/375	LKD	32672166.4	200	50	50	48.2	FAIL
CBDM_PROPOSED	Block E		5th	R7/375	LKD	31120753.1	200	50	50	50	PASS
CBDM_PROPOSED	Block E		5th	R8/375	LKD	31218534.4	200	50	50	46.4	FAIL
CBDM_PROPOSED	Block E		5th	R9/375	BEDROOM	13325931.7	100	50	50	95.7	PASS
CBDM_PROPOSED	Block E		5th	R10/375	BEDROOM	9576257	100	50	50	100	PASS
CBDM_PROPOSED	Block E		5th	R11/375	LKD	32467152.3	200	50	50	45.8	FAIL
CBDM_PROPOSED	Block E		5th	R12/375	LKD	30537371.4	200	50	50	36.4	FAIL
CBDM_PROPOSED	Block E		5th	R13/375	BEDROOM	11977280.3	100	50	50	100	PASS
CBDM_PROPOSED	Block E		5th	R14/375	BEDROOM	10925608.5	100	50	50	99.5	PASS
CBDM_PROPOSED	Block E		5th	R15/375	BEDROOM	10813379.8	100	50	50	93.3	PASS
CBDM_PROPOSED	Block E		5th	R16/375	BEDROOM	12053237.4	100	50	50	94.4	PASS
CBDM_PROPOSED	Block E		5th	R17/375	BEDROOM	12063194.9	100	50	50	94.4	PASS
CBDM_PROPOSED	Block E		5th	R18/375	BEDROOM	10813379.8	100	50	50	92.6	PASS
CBDM_PROPOSED	Block E		6th	R1/376	BEDROOM	12213080.5	100	50	50	99.6	PASS
CBDM_PROPOSED	Block E		6th	R2/376	BEDROOM	12892026	100	50	50	100	PASS
CBDM_PROPOSED	Block E		6th	R3/376	LKD	31257741.1	200	50	50	25.6	FAIL
CBDM_PROPOSED	Block E		6th	R4/376	BEDROOM	13325931.7	100	50	50	96.5	PASS
CBDM_PROPOSED	Block E		6th	R5/376	BEDROOM	9576257	100	50	50	100	PASS
CBDM_PROPOSED	Block E		6th	R6/376	LKD	32672166.4	200	50	50	48.2	FAIL
CBDM_PROPOSED	Block E		6th	R7/376	LKD	31120753.1	200	50	50	53.1	PASS
CBDM_PROPOSED	Block E		6th	R8/376	LKD	31218534.4	200	50	50	47.7	FAIL
CBDM_PROPOSED	Block E		6th	R9/376	BEDROOM	13325931.7	100	50	50	97.5	PASS
CBDM_PROPOSED	Block E		6th	R10/376	BEDROOM	9576257	100	50	50	100	PASS
CBDM_PROPOSED	Block E		6th	R11/376	LKD	32467152.3	200	50	50	42.1	FAIL
CBDM_PROPOSED	Block E		6th	R12/376	LKD	30537371.4	200	50	50	33.2	FAIL
CBDM_PROPOSED	Block E		6th	R13/376	BEDROOM	11977280.3	100	50	50	100	PASS
CBDM_PROPOSED	Block E		6th	R14/376	BEDROOM	10925608.5	100	50	50	99.5	PASS
CBDM_PROPOSED	Block E		6th	R15/376	BEDROOM	10813379.8	100	50	50	93.3	PASS
CBDM_PROPOSED	Block E		6th	R16/376	BEDROOM	12053237.4	100	50	50	95.6	PASS
CBDM_PROPOSED	Block E		6th	R17/376	BEDROOM	12063194.9	100	50	50	94.4	PASS
CBDM_PROPOSED	Block E		6th	R18/376	BEDROOM	10813379.8	100	50	50	92.8	PASS

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block E		7th	R1/377	BEDROOM	12871000.5	100	50	50	100	PASS
CBDM_PROPOSED	Block E		7th	R2/377	BEDROOM	9576257	100	50	50	100	PASS
CBDM_PROPOSED	Block E		7th	R3/377	LKD	32672166.4	200	50	50	96.2	PASS
CBDM_PROPOSED	Block E		7th	R4/377	LKD	31120753.1	200	50	50	100	PASS
CBDM_PROPOSED	Block E		7th	R5/377	LKD	31218534.4	200	50	50	100	PASS
CBDM_PROPOSED	Block E		7th	R6/377	BEDROOM	12871000.5	100	50	50	100	PASS
CBDM_PROPOSED	Block E		7th	R7/377	BEDROOM	9576257	100	50	50	100	PASS
CBDM_PROPOSED	Block E		7th	R8/377	LKD	32467152.3	200	50	50	100	PASS
CBDM_PROPOSED	Block E		7th	R9/377	BEDROOM	10813379.8	100	50	50	99.5	PASS
CBDM_PROPOSED	Block E		7th	R10/377	BEDROOM	12053237.4	100	50	50	100	PASS
CBDM_PROPOSED	Block E		7th	R11/377	BEDROOM	12063194.9	100	50	50	100	PASS
CBDM_PROPOSED	Block E		7th	R12/377	BEDROOM	10813379.8	100	50	50	99.5	PASS
CBDM_PROPOSED	Block F		Gnd	R1/380	BEDROOM	12879126	100	50	50	100	PASS
CBDM_PROPOSED	Block F		Gnd	R2/380	LKD	26992074.9	200	50	50	74.4	PASS
CBDM_PROPOSED	Block F		Gnd	R3/380	BEDROOM	10885324.8	100	50	50	26.5	FAIL
CBDM_PROPOSED	Block F		Gnd	R4/380	LKD	21892992.6	200	50	50	27.2	FAIL
CBDM_PROPOSED	Block F		Gnd	R5/380	LKD	26185569.1	200	50	50	25.2	FAIL
CBDM_PROPOSED	Block F		Gnd	R6/380	BEDROOM	9663837.7	100	50	50	85.3	PASS
CBDM_PROPOSED	Block F		Gnd	R7/380	BEDROOM	9680339.4	100	50	50	83.7	PASS
CBDM_PROPOSED	Block F		Gnd	R8/380	LKD	25875377.7	200	50	50	25.9	FAIL
CBDM_PROPOSED	Block F		Gnd	R9/380	BEDROOM	13587975.9	100	50	50	26.8	FAIL
CBDM_PROPOSED	Block F		Gnd	R10/380	BEDROOM	9990517.6	100	50	50	78.5	PASS
CBDM_PROPOSED	Block F		Gnd	R11/380	LKD	32130816.6	200	50	50	26.8	FAIL
CBDM_PROPOSED	Block F		Gnd	R12/380	LKD	31047565.6	200	50	50	27.2	FAIL
CBDM_PROPOSED	Block F		Gnd	R13/380	LKD	30901180	200	50	50	29.6	FAIL
CBDM_PROPOSED	Block F		Gnd	R14/380	STUDIO	30647328.1	200	50	50	33.2	FAIL
CBDM_PROPOSED	Block F		Gnd	R15/380	LKD	23875503.7	200	50	50	26.6	FAIL
CBDM_PROPOSED	Block F		Gnd	R16/380	BEDROOM	10462786.7	100	50	50	36.7	FAIL
CBDM_PROPOSED	Block F		Gnd	R17/380	BEDROOM	13447330.7	100	50	50	35.5	FAIL
CBDM_PROPOSED	Block F		Gnd	R18/380	BEDROOM	9968764.3	100	50	50	100	PASS
CBDM_PROPOSED	Block F		Gnd	R19/380	LKD	32253994.7	200	50	50	63.4	PASS
CBDM_PROPOSED	Block F		Gnd	R20/380	LKD	25576745.4	200	50	50	71.1	PASS
CBDM_PROPOSED	Block F		Gnd	R21/380	BEDROOM	11411347.8	100	50	50	69.5	PASS
CBDM_PROPOSED	Block F		Gnd	R22/380	LKD	25749175.6	200	50	50	23.4	FAIL
CBDM_PROPOSED	Block F		Gnd	R23/380	BEDROOM	11278206.1	100	50	50	58.3	PASS
CBDM_PROPOSED	Block F		Gnd	R24/380	BEDROOM	10729963.6	100	50	50	41.6	FAIL
CBDM_PROPOSED	Block F		Gnd	R25/380	BEDROOM	11931332	100	50	50	100	PASS
CBDM_PROPOSED	Block F		Gnd	R26/380	BEDROOM	11883136.9	100	50	50	100	PASS
CBDM_PROPOSED	Block F		Gnd	R27/380	BEDROOM	9662368.9	100	50	50	57.3	PASS
CBDM_PROPOSED	Block F		Gnd	R28/380	LKD	24743607.6	200	50	50	33.1	FAIL
CBDM_PROPOSED	Block F		Gnd	R29/380	BEDROOM	11020025.7	100	50	50	71.8	PASS
CBDM_PROPOSED	Block F		1st	R1/381	BEDROOM	12879126	100	50	50	100	PASS
CBDM_PROPOSED	Block F		1st	R2/381	LKD	26992074.9	200	50	50	84.8	PASS
CBDM_PROPOSED	Block F		1st	R3/381	BEDROOM	10885324.8	100	50	50	27.7	FAIL
CBDM_PROPOSED	Block F		1st	R4/381	LKD	21892992.6	200	50	50	25.3	FAIL
CBDM_PROPOSED	Block F		1st	R5/381	LKD	26185569.1	200	50	50	24.2	FAIL
CBDM_PROPOSED	Block F		1st	R6/381	BEDROOM	9663837.7	100	50	50	89.9	PASS
CBDM_PROPOSED	Block F		1st	R7/381	BEDROOM	9680339.4	100	50	50	85.3	PASS
CBDM_PROPOSED	Block F		1st	R8/381	LKD	25875377.7	200	50	50	24.6	FAIL
CBDM_PROPOSED	Block F		1st	R9/381	BEDROOM	13587975.9	100	50	50	31.8	FAIL
CBDM_PROPOSED	Block F		1st	R10/381	BEDROOM	9990517.6	100	50	50	100	PASS
CBDM_PROPOSED	Block F		1st	R11/381	LKD	32130816.6	200	50	50	25.9	FAIL
CBDM_PROPOSED	Block F		1st	R12/381	LKD	31047565.6	200	50	50	25.8	FAIL
CBDM_PROPOSED	Block F		1st	R13/381	LKD	30901180	200	50	50	29.1	FAIL
CBDM_PROPOSED	Block F		1st	R14/381	STUDIO	30647328.1	200	50	50	35	FAIL
CBDM_PROPOSED	Block F		1st	R15/381	LKD	23875503.7	200	50	50	11.6	FAIL
CBDM_PROPOSED	Block F		1st	R16/381	BEDROOM	10462786.7	100	50	50	40.4	FAIL
CBDM_PROPOSED	Block F		1st	R17/381	BEDROOM	13447330.7	100	50	50	38.9	FAIL
CBDM_PROPOSED	Block F		1st	R18/381	BEDROOM	9968764.3	100	50	50	100	PASS
CBDM_PROPOSED	Block F		1st	R19/381	LKD	32253994.7	200	50	50	63.8	PASS
CBDM_PROPOSED	Block F		1st	R20/381	LKD	25576745.4	200	50	50	78.6	PASS
CBDM_PROPOSED	Block F		1st	R21/381	BEDROOM	11411347.8	100	50	50	82.9	PASS
CBDM_PROPOSED	Block F		1st	R22/381	LKD	25749175.6	200	50	50	22.8	FAIL
CBDM_PROPOSED	Block F		1st	R23/381	BEDROOM	11278206.1	100	50	50	63.4	PASS
CBDM_PROPOSED	Block F		1st	R24/381	BEDROOM	10729963.6	100	50	50	74.3	PASS
CBDM_PROPOSED	Block F		1st	R25/381	BEDROOM	11931332	100	50	50	100	PASS
CBDM_PROPOSED	Block F		1st	R26/381	BEDROOM	11883136.9	100	50	50	100	PASS
CBDM_PROPOSED	Block F		1st	R27/381	BEDROOM	9662368.9	100	50	50	87	PASS
CBDM_PROPOSED	Block F		1st	R28/381	LKD	24743607.6	200	50	50	34.9	FAIL
CBDM_PROPOSED	Block F		1st	R29/381	BEDROOM	11020025.7	100	50	50	63.6	PASS
CBDM_PROPOSED	Block F		2nd	R1/382	BEDROOM	12879126	100	50	50	100	PASS
CBDM_PROPOSED	Block F		2nd	R2/382	LKD	26992074.9	200	50	50	86.8	PASS
CBDM_PROPOSED	Block F		2nd	R3/382	BEDROOM	10885324.8	100	50	50	30.1	FAIL
CBDM_PROPOSED	Block F		2nd	R4/382	LKD	21892992.6	200	50	50	29.7	FAIL
CBDM_PROPOSED	Block F		2nd	R5/382	LKD	26185569.1	200	50	50	26.8	FAIL
CBDM_PROPOSED	Block F		2nd	R6/382	BEDROOM	9663837.7	100	50	50	97.5	PASS
CBDM_PROPOSED	Block F		2nd	R7/382	BEDROOM	9680339.4	100	50	50	95.6	PASS
CBDM_PROPOSED	Block F		2nd	R8/382	LKD	25875377.7	200	50	50	27.7	FAIL

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block F		2nd	R9/382	BEDROOM	13587975.9	100	50	50	34.9	FAIL
CBDM_PROPOSED	Block F		2nd	R10/382	BEDROOM	9990517.6	100	50	50	100	PASS
CBDM_PROPOSED	Block F		2nd	R11/382	LKD	32130816.6	200	50	50	28.8	FAIL
CBDM_PROPOSED	Block F		2nd	R12/382	LKD	31047565.6	200	50	50	29.5	FAIL
CBDM_PROPOSED	Block F		2nd	R13/382	LKD	30901180	200	50	50	31.8	FAIL
CBDM_PROPOSED	Block F		2nd	R14/382	STUDIO	30647328.1	200	50	50	40.4	FAIL
CBDM_PROPOSED	Block F		2nd	R15/382	LKD	23875503.7	200	50	50	12.2	FAIL
CBDM_PROPOSED	Block F		2nd	R16/382	BEDROOM	10462786.7	100	50	50	46.4	FAIL
CBDM_PROPOSED	Block F		2nd	R17/382	BEDROOM	13447330.7	100	50	50	39.9	FAIL
CBDM_PROPOSED	Block F		2nd	R18/382	BEDROOM	9968764.3	100	50	50	100	PASS
CBDM_PROPOSED	Block F		2nd	R19/382	LKD	32253994.7	200	50	50	66.3	PASS
CBDM_PROPOSED	Block F		2nd	R20/382	LKD	25576745.4	200	50	50	86.4	PASS
CBDM_PROPOSED	Block F		2nd	R21/382	BEDROOM	11411347.8	100	50	50	93.1	PASS
CBDM_PROPOSED	Block F		2nd	R22/382	LKD	25749175.6	200	50	50	27.3	FAIL
CBDM_PROPOSED	Block F		2nd	R23/382	BEDROOM	11278206.1	100	50	50	81	PASS
CBDM_PROPOSED	Block F		2nd	R24/382	BEDROOM	10729963.6	100	50	50	88.7	PASS
CBDM_PROPOSED	Block F		2nd	R25/382	BEDROOM	11931332	100	50	50	100	PASS
CBDM_PROPOSED	Block F		2nd	R26/382	BEDROOM	11883136.9	100	50	50	100	PASS
CBDM_PROPOSED	Block F		2nd	R27/382	BEDROOM	9662368.9	100	50	50	88.4	PASS
CBDM_PROPOSED	Block F		2nd	R28/382	LKD	24743607.6	200	50	50	46	FAIL
CBDM_PROPOSED	Block F		2nd	R29/382	BEDROOM	11020025.7	100	50	50	83.5	PASS
CBDM_PROPOSED	Block F		3rd	R1/383	BEDROOM	12879126	100	50	50	100	PASS
CBDM_PROPOSED	Block F		3rd	R2/383	LKD	26992074.9	200	50	50	87.8	PASS
CBDM_PROPOSED	Block F		3rd	R3/383	BEDROOM	10885324.8	100	50	50	37.5	FAIL
CBDM_PROPOSED	Block F		3rd	R4/383	LKD	21892992.6	200	50	50	37.6	FAIL
CBDM_PROPOSED	Block F		3rd	R5/383	LKD	26185569.1	200	50	50	32	FAIL
CBDM_PROPOSED	Block F		3rd	R6/383	BEDROOM	9663837.7	100	50	50	98.5	PASS
CBDM_PROPOSED	Block F		3rd	R7/383	BEDROOM	9680339.4	100	50	50	100	PASS
CBDM_PROPOSED	Block F		3rd	R8/383	LKD	25875377.7	200	50	50	33.3	FAIL
CBDM_PROPOSED	Block F		3rd	R9/383	BEDROOM	13587975.9	100	50	50	38	FAIL
CBDM_PROPOSED	Block F		3rd	R10/383	BEDROOM	9990517.6	100	50	50	100	PASS
CBDM_PROPOSED	Block F		3rd	R11/383	LKD	32130816.6	200	50	50	32.1	FAIL
CBDM_PROPOSED	Block F		3rd	R12/383	LKD	31047565.6	200	50	50	30.8	FAIL
CBDM_PROPOSED	Block F		3rd	R13/383	LKD	30901180	200	50	50	33.7	FAIL
CBDM_PROPOSED	Block F		3rd	R14/383	STUDIO	30647328.1	200	50	50	44.9	FAIL
CBDM_PROPOSED	Block F		3rd	R15/383	LKD	23875503.7	200	50	50	14.1	FAIL
CBDM_PROPOSED	Block F		3rd	R16/383	BEDROOM	10462786.7	100	50	50	50.7	PASS
CBDM_PROPOSED	Block F		3rd	R17/383	BEDROOM	13447330.7	100	50	50	42.9	FAIL
CBDM_PROPOSED	Block F		3rd	R18/383	BEDROOM	9968764.3	100	50	50	100	PASS
CBDM_PROPOSED	Block F		3rd	R19/383	LKD	32253994.7	200	50	50	67.7	PASS
CBDM_PROPOSED	Block F		3rd	R20/383	LKD	25576745.4	200	50	50	89.8	PASS
CBDM_PROPOSED	Block F		3rd	R21/383	BEDROOM	11411347.8	100	50	50	93.1	PASS
CBDM_PROPOSED	Block F		3rd	R22/383	LKD	25749175.6	200	50	50	31.7	FAIL
CBDM_PROPOSED	Block F		3rd	R23/383	BEDROOM	11278206.1	100	50	50	87.4	PASS
CBDM_PROPOSED	Block F		3rd	R24/383	BEDROOM	10729963.6	100	50	50	88.7	PASS
CBDM_PROPOSED	Block F		3rd	R25/383	BEDROOM	11931332	100	50	50	100	PASS
CBDM_PROPOSED	Block F		3rd	R26/383	BEDROOM	11883136.9	100	50	50	100	PASS
CBDM_PROPOSED	Block F		3rd	R27/383	BEDROOM	9662368.9	100	50	50	88.4	PASS
CBDM_PROPOSED	Block F		3rd	R28/383	LKD	24743607.6	200	50	50	56.1	PASS
CBDM_PROPOSED	Block F		3rd	R29/383	BEDROOM	11020025.7	100	50	50	85.8	PASS
CBDM_PROPOSED	Block F		4th	R1/384	BEDROOM	12879126	100	50	50	100	PASS
CBDM_PROPOSED	Block F		4th	R2/384	LKD	26992074.9	200	50	50	88.7	PASS
CBDM_PROPOSED	Block F		4th	R3/384	BEDROOM	10885324.8	100	50	50	44.9	FAIL
CBDM_PROPOSED	Block F		4th	R4/384	LKD	21892992.6	200	50	50	70.2	PASS
CBDM_PROPOSED	Block F		4th	R5/384	LKD	26185569.1	200	50	50	37.3	FAIL
CBDM_PROPOSED	Block F		4th	R6/384	BEDROOM	9663837.7	100	50	50	100	PASS
CBDM_PROPOSED	Block F		4th	R7/384	BEDROOM	9680339.4	100	50	50	100	PASS
CBDM_PROPOSED	Block F		4th	R8/384	LKD	25875377.7	200	50	50	33.9	FAIL
CBDM_PROPOSED	Block F		4th	R9/384	BEDROOM	13587975.9	100	50	50	39.9	FAIL
CBDM_PROPOSED	Block F		4th	R10/384	BEDROOM	9990517.6	100	50	50	100	PASS
CBDM_PROPOSED	Block F		4th	R11/384	LKD	32130816.6	200	50	50	34.5	FAIL
CBDM_PROPOSED	Block F		4th	R12/384	LKD	31047565.6	200	50	50	34.9	FAIL
CBDM_PROPOSED	Block F		4th	R13/384	LKD	30901180	200	50	50	36.4	FAIL
CBDM_PROPOSED	Block F		4th	R14/384	STUDIO	30647328.1	200	50	50	49	FAIL
CBDM_PROPOSED	Block F		4th	R15/384	LKD	23875503.7	200	50	50	14.1	FAIL
CBDM_PROPOSED	Block F		4th	R16/384	BEDROOM	10462786.7	100	50	50	56.5	PASS
CBDM_PROPOSED	Block F		4th	R17/384	BEDROOM	13447330.7	100	50	50	48.8	FAIL
CBDM_PROPOSED	Block F		4th	R18/384	BEDROOM	9968764.3	100	50	50	100	PASS
CBDM_PROPOSED	Block F		4th	R19/384	LKD	32253994.7	200	50	50	68.6	PASS
CBDM_PROPOSED	Block F		4th	R20/384	LKD	25576745.4	200	50	50	89.8	PASS
CBDM_PROPOSED	Block F		4th	R21/384	BEDROOM	11411347.8	100	50	50	93.1	PASS
CBDM_PROPOSED	Block F		4th	R22/384	LKD	25749175.6	200	50	50	31.8	FAIL
CBDM_PROPOSED	Block F		4th	R23/384	BEDROOM	11278206.1	100	50	50	87.4	PASS
CBDM_PROPOSED	Block F		4th	R24/384	BEDROOM	10729963.6	100	50	50	88.7	PASS
CBDM_PROPOSED	Block F		4th	R25/384	BEDROOM	11931332	100	50	50	100	PASS
CBDM_PROPOSED	Block F		4th	R26/384	BEDROOM	11883136.9	100	50	50	100	PASS
CBDM_PROPOSED	Block F		4th	R27/384	BEDROOM	9662368.9	100	50	50	89.3	PASS
CBDM_PROPOSED	Block F		4th	R28/384	LKD	24743607.6	200	50	50	59.9	PASS
CBDM_PROPOSED	Block F		4th	R29/384	BEDROOM	11020025.7	100	50	50	85.8	PASS

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block F		5th	R1/385	BEDROOM	12879126	100	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R2/385	LKD	26992074.9	200	50	50	99.4	PASS
CBDM_PROPOSED	Block F		5th	R3/385	BEDROOM	9680339.4	100	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R4/385	LKD	25875377.7	200	50	50	56.1	PASS
CBDM_PROPOSED	Block F		5th	R5/385	BEDROOM	13587975.9	100	50	50	68.3	PASS
CBDM_PROPOSED	Block F		5th	R6/385	BEDROOM	9990517.6	100	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R7/385	LKD	32130816.6	200	50	50	51.8	PASS
CBDM_PROPOSED	Block F		5th	R8/385	LKD	31047565.6	200	50	50	50.4	PASS
CBDM_PROPOSED	Block F		5th	R9/385	LKD	30901180	200	50	50	52.8	PASS
CBDM_PROPOSED	Block F		5th	R10/385	STUDIO	30647328.1	200	50	50	60.7	PASS
CBDM_PROPOSED	Block F		5th	R11/385	LKD	23875503.7	200	50	50	53.4	PASS
CBDM_PROPOSED	Block F		5th	R12/385	BEDROOM	10462786.7	100	50	50	86.4	PASS
CBDM_PROPOSED	Block F		5th	R13/385	BEDROOM	13447330.7	100	50	50	74.8	PASS
CBDM_PROPOSED	Block F		5th	R14/385	BEDROOM	9968764.3	100	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R15/385	LKD	32253994.7	200	50	50	99.2	PASS
CBDM_PROPOSED	Block F		5th	R16/385	LKD	25576745.4	200	50	50	98.8	PASS
CBDM_PROPOSED	Block F		5th	R17/385	BEDROOM	11411347.8	100	50	50	97.7	PASS
CBDM_PROPOSED	Block F		5th	R18/385	LKD	25749175.6	200	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R19/385	BEDROOM	11278206.1	100	50	50	88.6	PASS
CBDM_PROPOSED	Block F		5th	R20/385	BEDROOM	10729963.6	100	50	50	92.3	PASS
CBDM_PROPOSED	Block F		5th	R21/385	BEDROOM	11931332	100	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R22/385	BEDROOM	11883136.9	100	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R23/385	BEDROOM	9662368.9	100	50	50	98.2	PASS
CBDM_PROPOSED	Block F		5th	R24/385	LKD	24743607.6	200	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R25/385	BEDROOM	11020025.7	100	50	50	100	PASS
CBDM_PROPOSED	Block F		Gnd	R1/390	BEDROOM	11278206.1	100	50	50	89.9	PASS
CBDM_PROPOSED	Block F		Gnd	R2/390	LKD	25778698	200	50	50	74.8	PASS
CBDM_PROPOSED	Block F		Gnd	R3/390	BEDROOM	11436240.3	100	50	50	90.7	PASS
CBDM_PROPOSED	Block F		Gnd	R4/390	LKD	25489345	200	50	50	95.4	PASS
CBDM_PROPOSED	Block F		Gnd	R5/390	LKD	32289064.8	200	50	50	82.5	PASS
CBDM_PROPOSED	Block F		Gnd	R6/390	BEDROOM	9977009.9	100	50	50	100	PASS
CBDM_PROPOSED	Block F		Gnd	R7/390	BEDROOM	13472161.4	100	50	50	32.6	FAIL
CBDM_PROPOSED	Block F		Gnd	R8/390	BEDROOM	10462786.7	100	50	50	25.8	FAIL
CBDM_PROPOSED	Block F		Gnd	R9/390	LKD	23808956.7	200	50	50	21.2	FAIL
CBDM_PROPOSED	Block F		Gnd	R10/390	STUDIO	30647328.1	200	50	50	32.3	FAIL
CBDM_PROPOSED	Block F		Gnd	R11/390	LKD	30901183.4	200	50	50	25.9	FAIL
CBDM_PROPOSED	Block F		Gnd	R12/390	LKD	30901975.6	200	50	50	20.5	FAIL
CBDM_PROPOSED	Block F		Gnd	R13/390	LKD	32327871	200	50	50	23.4	FAIL
CBDM_PROPOSED	Block F		Gnd	R14/390	BEDROOM	9968764.3	100	50	50	100	PASS
CBDM_PROPOSED	Block F		Gnd	R15/390	BEDROOM	13587203	100	50	50	21.8	FAIL
CBDM_PROPOSED	Block F		Gnd	R16/390	LKD	25773252.5	200	50	50	22.2	FAIL
CBDM_PROPOSED	Block F		Gnd	R17/390	BEDROOM	9675558.4	100	50	50	85.5	PASS
CBDM_PROPOSED	Block F		Gnd	R18/390	BEDROOM	9680339.4	100	50	50	82.3	PASS
CBDM_PROPOSED	Block F		Gnd	R19/390	LKD	25846276.3	200	50	50	24	FAIL
CBDM_PROPOSED	Block F		Gnd	R20/390	LKD	21898919.4	200	50	50	35.5	FAIL
CBDM_PROPOSED	Block F		Gnd	R21/390	BEDROOM	10803476	100	50	50	9.8	FAIL
CBDM_PROPOSED	Block F		Gnd	R22/390	LKD	26917647.1	200	50	50	88.6	PASS
CBDM_PROPOSED	Block F		Gnd	R23/390	BEDROOM	12879126	100	50	50	100	PASS
CBDM_PROPOSED	Block F		Gnd	R24/390	BEDROOM	11020025.7	100	50	50	88.2	PASS
CBDM_PROPOSED	Block F		Gnd	R25/390	LKD	24743607.6	200	50	50	98.2	PASS
CBDM_PROPOSED	Block F		Gnd	R26/390	BEDROOM	9629516.5	100	50	50	88.4	PASS
CBDM_PROPOSED	Block F		Gnd	R27/390	BEDROOM	11928908.4	100	50	50	100	PASS
CBDM_PROPOSED	Block F		Gnd	R28/390	BEDROOM	11940252.8	100	50	50	100	PASS
CBDM_PROPOSED	Block F		Gnd	R29/390	BEDROOM	10731139.8	100	50	50	85.7	PASS
CBDM_PROPOSED	Block F		1st	R1/391	BEDROOM	11278206.1	100	50	50	88.6	PASS
CBDM_PROPOSED	Block F		1st	R2/391	LKD	25778698	200	50	50	31.7	FAIL
CBDM_PROPOSED	Block F		1st	R3/391	BEDROOM	11436240.3	100	50	50	88.4	PASS
CBDM_PROPOSED	Block F		1st	R4/391	LKD	25489345	200	50	50	88.1	PASS
CBDM_PROPOSED	Block F		1st	R5/391	LKD	32289064.8	200	50	50	63.8	PASS
CBDM_PROPOSED	Block F		1st	R6/391	BEDROOM	9977009.9	100	50	50	100	PASS
CBDM_PROPOSED	Block F		1st	R7/391	BEDROOM	13472161.4	100	50	50	32.6	FAIL
CBDM_PROPOSED	Block F		1st	R8/391	BEDROOM	10462786.7	100	50	50	29.4	FAIL
CBDM_PROPOSED	Block F		1st	R9/391	LKD	23808956.7	200	50	50	16.5	FAIL
CBDM_PROPOSED	Block F		1st	R10/391	STUDIO	30647328.1	200	50	50	25.1	FAIL
CBDM_PROPOSED	Block F		1st	R11/391	LKD	30901183.4	200	50	50	20	FAIL
CBDM_PROPOSED	Block F		1st	R12/391	LKD	30901975.6	200	50	50	15.9	FAIL
CBDM_PROPOSED	Block F		1st	R13/391	LKD	32327871	200	50	50	18.7	FAIL
CBDM_PROPOSED	Block F		1st	R14/391	BEDROOM	9968764.3	100	50	50	98.7	PASS
CBDM_PROPOSED	Block F		1st	R15/391	BEDROOM	13587203	100	50	50	22.8	FAIL
CBDM_PROPOSED	Block F		1st	R16/391	LKD	25773252.5	200	50	50	18.5	FAIL
CBDM_PROPOSED	Block F		1st	R17/391	BEDROOM	9675558.4	100	50	50	78.1	PASS
CBDM_PROPOSED	Block F		1st	R18/391	BEDROOM	9680339.4	100	50	50	71.2	PASS
CBDM_PROPOSED	Block F		1st	R19/391	LKD	25846276.3	200	50	50	18.4	FAIL
CBDM_PROPOSED	Block F		1st	R20/391	LKD	21898919.4	200	50	50	22.1	FAIL
CBDM_PROPOSED	Block F		1st	R21/391	BEDROOM	10803476	100	50	50	9.8	FAIL
CBDM_PROPOSED	Block F		1st	R22/391	LKD	26917647.1	200	50	50	65.4	PASS
CBDM_PROPOSED	Block F		1st	R23/391	BEDROOM	12879126	100	50	50	100	PASS
CBDM_PROPOSED	Block F		1st	R24/391	BEDROOM	11020025.7	100	50	50	93.9	PASS
CBDM_PROPOSED	Block F		1st	R25/391	LKD	24743607.6	200	50	50	59	PASS

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Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block F		1st	R26/391	BEDROOM	9629516.5	100	50	50	87.1	PASS
CBDM_PROPOSED	Block F		1st	R27/391	BEDROOM	11928908.4	100	50	50	100	PASS
CBDM_PROPOSED	Block F		1st	R28/391	BEDROOM	11940252.8	100	50	50	100	PASS
CBDM_PROPOSED	Block F		1st	R29/391	BEDROOM	10731139.8	100	50	50	85	PASS
CBDM_PROPOSED	Block F		2nd	R1/392	BEDROOM	11278206.1	100	50	50	88.6	PASS
CBDM_PROPOSED	Block F		2nd	R2/392	LKD	25778698	200	50	50	32.8	FAIL
CBDM_PROPOSED	Block F		2nd	R3/392	BEDROOM	11436240.3	100	50	50	89.5	PASS
CBDM_PROPOSED	Block F		2nd	R4/392	LKD	25489345	200	50	50	93.1	PASS
CBDM_PROPOSED	Block F		2nd	R5/392	LKD	32289064.8	200	50	50	74.2	PASS
CBDM_PROPOSED	Block F		2nd	R6/392	BEDROOM	9977009.9	100	50	50	100	PASS
CBDM_PROPOSED	Block F		2nd	R7/392	BEDROOM	13472161.4	100	50	50	37.5	FAIL
CBDM_PROPOSED	Block F		2nd	R8/392	BEDROOM	10462786.7	100	50	50	35.2	FAIL
CBDM_PROPOSED	Block F		2nd	R9/392	LKD	23808956.7	200	50	50	20.6	FAIL
CBDM_PROPOSED	Block F		2nd	R10/392	STUDIO	30647328.1	200	50	50	30.4	FAIL
CBDM_PROPOSED	Block F		2nd	R11/392	LKD	30901183.4	200	50	50	24.6	FAIL
CBDM_PROPOSED	Block F		2nd	R12/392	LKD	30901975.6	200	50	50	20.9	FAIL
CBDM_PROPOSED	Block F		2nd	R13/392	LKD	32327871	200	50	50	22.1	FAIL
CBDM_PROPOSED	Block F		2nd	R14/392	BEDROOM	9968764.3	100	50	50	98.7	PASS
CBDM_PROPOSED	Block F		2nd	R15/392	BEDROOM	13587203	100	50	50	26.8	FAIL
CBDM_PROPOSED	Block F		2nd	R16/392	LKD	25773252.5	200	50	50	21.6	FAIL
CBDM_PROPOSED	Block F		2nd	R17/392	BEDROOM	9675558.4	100	50	50	85.5	PASS
CBDM_PROPOSED	Block F		2nd	R18/392	BEDROOM	9680339.4	100	50	50	76.3	PASS
CBDM_PROPOSED	Block F		2nd	R19/392	LKD	25846276.3	200	50	50	22.1	FAIL
CBDM_PROPOSED	Block F		2nd	R20/392	LKD	21898919.4	200	50	50	29.1	FAIL
CBDM_PROPOSED	Block F		2nd	R21/392	BEDROOM	10803476	100	50	50	11	FAIL
CBDM_PROPOSED	Block F		2nd	R22/392	LKD	26917647.1	200	50	50	72.8	PASS
CBDM_PROPOSED	Block F		2nd	R23/392	BEDROOM	12879126	100	50	50	100	PASS
CBDM_PROPOSED	Block F		2nd	R24/392	BEDROOM	11020025.7	100	50	50	96.3	PASS
CBDM_PROPOSED	Block F		2nd	R25/392	LKD	24743607.6	200	50	50	61.3	PASS
CBDM_PROPOSED	Block F		2nd	R26/392	BEDROOM	9629516.5	100	50	50	88.4	PASS
CBDM_PROPOSED	Block F		2nd	R27/392	BEDROOM	11928908.4	100	50	50	100	PASS
CBDM_PROPOSED	Block F		2nd	R28/392	BEDROOM	11940252.8	100	50	50	100	PASS
CBDM_PROPOSED	Block F		2nd	R29/392	BEDROOM	10731139.8	100	50	50	86.5	PASS
CBDM_PROPOSED	Block F		3rd	R1/393	BEDROOM	11278206.1	100	50	50	88.6	PASS
CBDM_PROPOSED	Block F		3rd	R2/393	LKD	25778698	200	50	50	25.6	FAIL
CBDM_PROPOSED	Block F		3rd	R3/393	BEDROOM	11436240.3	100	50	50	89.5	PASS
CBDM_PROPOSED	Block F		3rd	R4/393	LKD	25489345	200	50	50	90.9	PASS
CBDM_PROPOSED	Block F		3rd	R5/393	LKD	32289064.8	200	50	50	91.5	PASS
CBDM_PROPOSED	Block F		3rd	R6/393	BEDROOM	9977009.9	100	50	50	100	PASS
CBDM_PROPOSED	Block F		3rd	R7/393	BEDROOM	13472161.4	100	50	50	42.5	FAIL
CBDM_PROPOSED	Block F		3rd	R8/393	BEDROOM	10462786.7	100	50	50	42.7	FAIL
CBDM_PROPOSED	Block F		3rd	R9/393	LKD	23808956.7	200	50	50	25.4	FAIL
CBDM_PROPOSED	Block F		3rd	R10/393	STUDIO	30647328.1	200	50	50	37.3	FAIL
CBDM_PROPOSED	Block F		3rd	R11/393	LKD	30901183.4	200	50	50	29.1	FAIL
CBDM_PROPOSED	Block F		3rd	R12/393	LKD	30901975.6	200	50	50	25	FAIL
CBDM_PROPOSED	Block F		3rd	R13/393	LKD	32327871	200	50	50	26	FAIL
CBDM_PROPOSED	Block F		3rd	R14/393	BEDROOM	9968764.3	100	50	50	100	PASS
CBDM_PROPOSED	Block F		3rd	R15/393	BEDROOM	13587203	100	50	50	31	FAIL
CBDM_PROPOSED	Block F		3rd	R16/393	LKD	25773252.5	200	50	50	25.9	FAIL
CBDM_PROPOSED	Block F		3rd	R17/393	BEDROOM	9675558.4	100	50	50	97.5	PASS
CBDM_PROPOSED	Block F		3rd	R18/393	BEDROOM	9680339.4	100	50	50	86	PASS
CBDM_PROPOSED	Block F		3rd	R19/393	LKD	25846276.3	200	50	50	27.7	FAIL
CBDM_PROPOSED	Block F		3rd	R20/393	LKD	21898919.4	200	50	50	36.8	FAIL
CBDM_PROPOSED	Block F		3rd	R21/393	BEDROOM	10803476	100	50	50	13.4	FAIL
CBDM_PROPOSED	Block F		3rd	R22/393	LKD	26917647.1	200	50	50	78	PASS
CBDM_PROPOSED	Block F		3rd	R23/393	BEDROOM	12879126	100	50	50	100	PASS
CBDM_PROPOSED	Block F		3rd	R24/393	BEDROOM	11020025.7	100	50	50	96.3	PASS
CBDM_PROPOSED	Block F		3rd	R25/393	LKD	24743607.6	200	50	50	65.3	PASS
CBDM_PROPOSED	Block F		3rd	R26/393	BEDROOM	9629516.5	100	50	50	88.4	PASS
CBDM_PROPOSED	Block F		3rd	R27/393	BEDROOM	11928908.4	100	50	50	100	PASS
CBDM_PROPOSED	Block F		3rd	R28/393	BEDROOM	11940252.8	100	50	50	100	PASS
CBDM_PROPOSED	Block F		3rd	R29/393	BEDROOM	10731139.8	100	50	50	86.5	PASS
CBDM_PROPOSED	Block F		4th	R1/394	BEDROOM	11278206.1	100	50	50	88.6	PASS
CBDM_PROPOSED	Block F		4th	R2/394	LKD	25778698	200	50	50	55	PASS
CBDM_PROPOSED	Block F		4th	R3/394	BEDROOM	10462786.7	100	50	50	37.9	FAIL
CBDM_PROPOSED	Block F		4th	R4/394	LKD	23808956.7	200	50	50	28.9	FAIL
CBDM_PROPOSED	Block F		4th	R5/394	STUDIO	30647328.1	200	50	50	42.8	FAIL
CBDM_PROPOSED	Block F		4th	R6/394	LKD	30901183.4	200	50	50	32.8	FAIL
CBDM_PROPOSED	Block F		4th	R7/394	LKD	30901975.6	200	50	50	30	FAIL
CBDM_PROPOSED	Block F		4th	R8/394	LKD	32327871	200	50	50	30.4	FAIL
CBDM_PROPOSED	Block F		4th	R9/394	BEDROOM	9968764.3	100	50	50	100	PASS
CBDM_PROPOSED	Block F		4th	R10/394	BEDROOM	13587203	100	50	50	36	FAIL
CBDM_PROPOSED	Block F		4th	R11/394	LKD	25773252.5	200	50	50	30.8	FAIL
CBDM_PROPOSED	Block F		4th	R12/394	BEDROOM	9675558.4	100	50	50	100	PASS
CBDM_PROPOSED	Block F		4th	R13/394	BEDROOM	9680339.4	100	50	50	100	PASS
CBDM_PROPOSED	Block F		4th	R14/394	LKD	25846276.3	200	50	50	33.2	FAIL
CBDM_PROPOSED	Block F		4th	R15/394	LKD	21898919.4	200	50	50	47.1	FAIL
CBDM_PROPOSED	Block F		4th	R16/394	BEDROOM	10803476	100	50	50	25.5	FAIL

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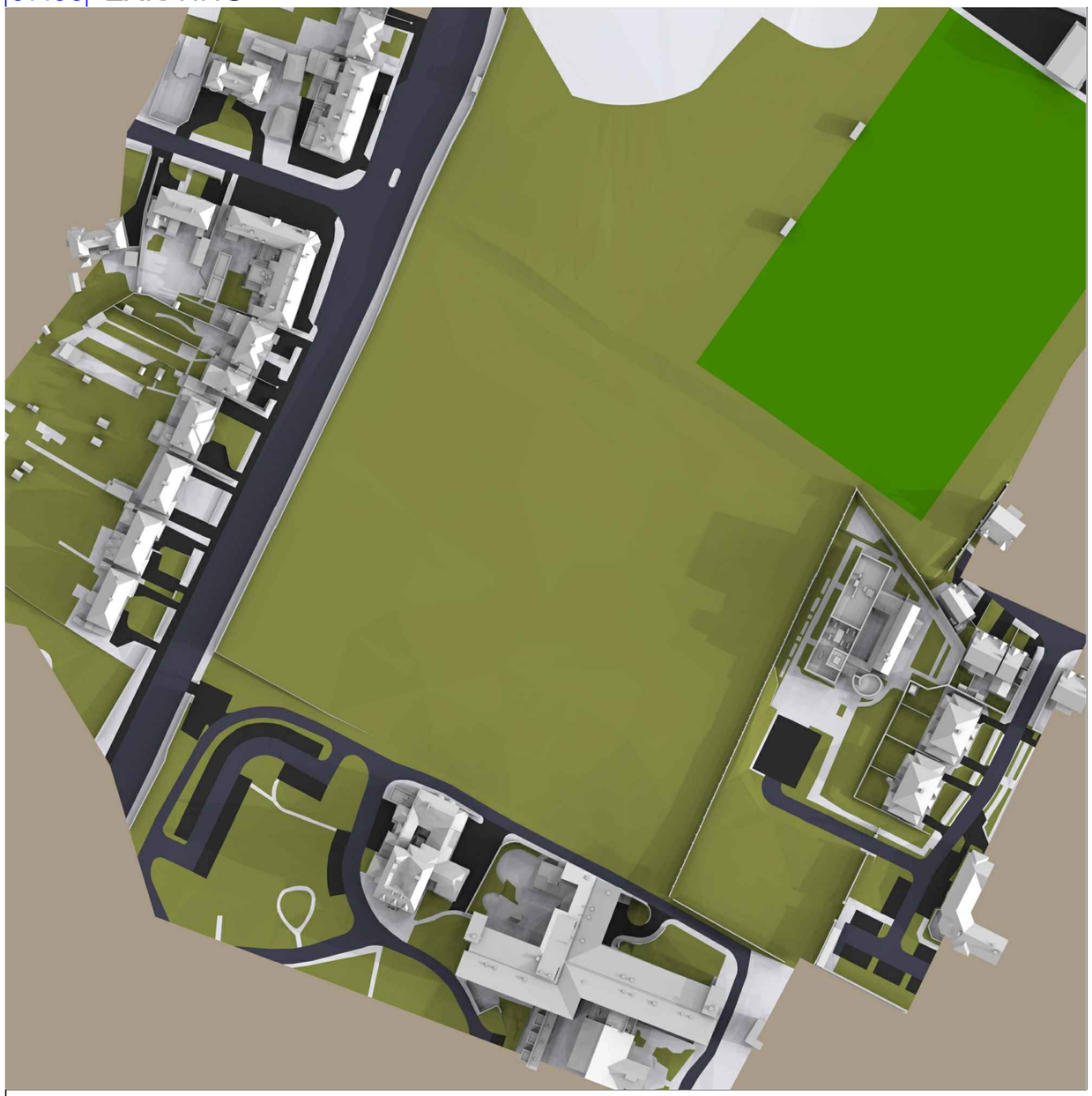
Scenario	Address	Flat No.	Level	Room	Room Use	Room area	ET (Lux)	Ftime (%)	Fplane (%)	Fplane acheived (%)	Pass/Fail
CBDM_PROPOSED	Block F		4th	R17/394	LKD	26917647.1	200	50	50	80.6	PASS
CBDM_PROPOSED	Block F		4th	R18/394	BEDROOM	12879126	100	50	50	100	PASS
CBDM_PROPOSED	Block F		4th	R19/394	BEDROOM	11020025.7	100	50	50	87	PASS
CBDM_PROPOSED	Block F		4th	R20/394	LKD	24743607.6	200	50	50	65.7	PASS
CBDM_PROPOSED	Block F		4th	R21/394	BEDROOM	9629516.5	100	50	50	88.4	PASS
CBDM_PROPOSED	Block F		4th	R22/394	BEDROOM	11928908.4	100	50	50	100	PASS
CBDM_PROPOSED	Block F		4th	R23/394	BEDROOM	11940252.8	100	50	50	100	PASS
CBDM_PROPOSED	Block F		4th	R24/394	BEDROOM	10731139.8	100	50	50	86.5	PASS
CBDM_PROPOSED	Block F		5th	R1/395	BEDROOM	11278206.1	100	50	50	96.2	PASS
CBDM_PROPOSED	Block F		5th	R2/395	LKD	25778698	200	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R3/395	BEDROOM	10462786.7	100	50	50	51.3	PASS
CBDM_PROPOSED	Block F		5th	R4/395	LKD	23808956.7	200	50	50	51.4	PASS
CBDM_PROPOSED	Block F		5th	R5/395	STUDIO	30647328.1	200	50	50	59.4	PASS
CBDM_PROPOSED	Block F		5th	R6/395	LKD	30901183.4	200	50	50	51.4	PASS
CBDM_PROPOSED	Block F		5th	R7/395	LKD	30901975.6	200	50	50	46.4	FAIL
CBDM_PROPOSED	Block F		5th	R8/395	LKD	32327871	200	50	50	47.6	FAIL
CBDM_PROPOSED	Block F		5th	R9/395	BEDROOM	9968764.3	100	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R10/395	BEDROOM	13587203	100	50	50	50.8	PASS
CBDM_PROPOSED	Block F		5th	R11/395	LKD	25773252.5	200	50	50	48.7	FAIL
CBDM_PROPOSED	Block F		5th	R12/395	BEDROOM	9675558.4	100	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R13/395	BEDROOM	9680339.4	100	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R14/395	LKD	25846276.3	200	50	50	50.1	PASS
CBDM_PROPOSED	Block F		5th	R15/395	LKD	21898919.4	200	50	50	83.6	PASS
CBDM_PROPOSED	Block F		5th	R16/395	BEDROOM	10803476	100	50	50	83.2	PASS
CBDM_PROPOSED	Block F		5th	R17/395	LKD	26917647.1	200	50	50	97.3	PASS
CBDM_PROPOSED	Block F		5th	R18/395	BEDROOM	12879126	100	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R19/395	BEDROOM	11020025.7	100	50	50	95.2	PASS
CBDM_PROPOSED	Block F		5th	R20/395	LKD	24743607.6	200	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R21/395	BEDROOM	9629516.5	100	50	50	93.4	PASS
CBDM_PROPOSED	Block F		5th	R22/395	BEDROOM	11928908.4	100	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R23/395	BEDROOM	11940252.8	100	50	50	100	PASS
CBDM_PROPOSED	Block F		5th	R24/395	BEDROOM	10731139.8	100	50	50	90.8	PASS

Total pass	743
Total fail	419
Percentage fail rate	36.06%
Percentage pass rate	63.94%
Total rooms	1162

Appendix VII

Transient Overshadowing

07:00 EXISTING



07:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

TRANSIENT SHADOW ANALYSIS MAR 21

EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

Project No.	Drawing No.	Revision
HA163_08	ROL_01	-

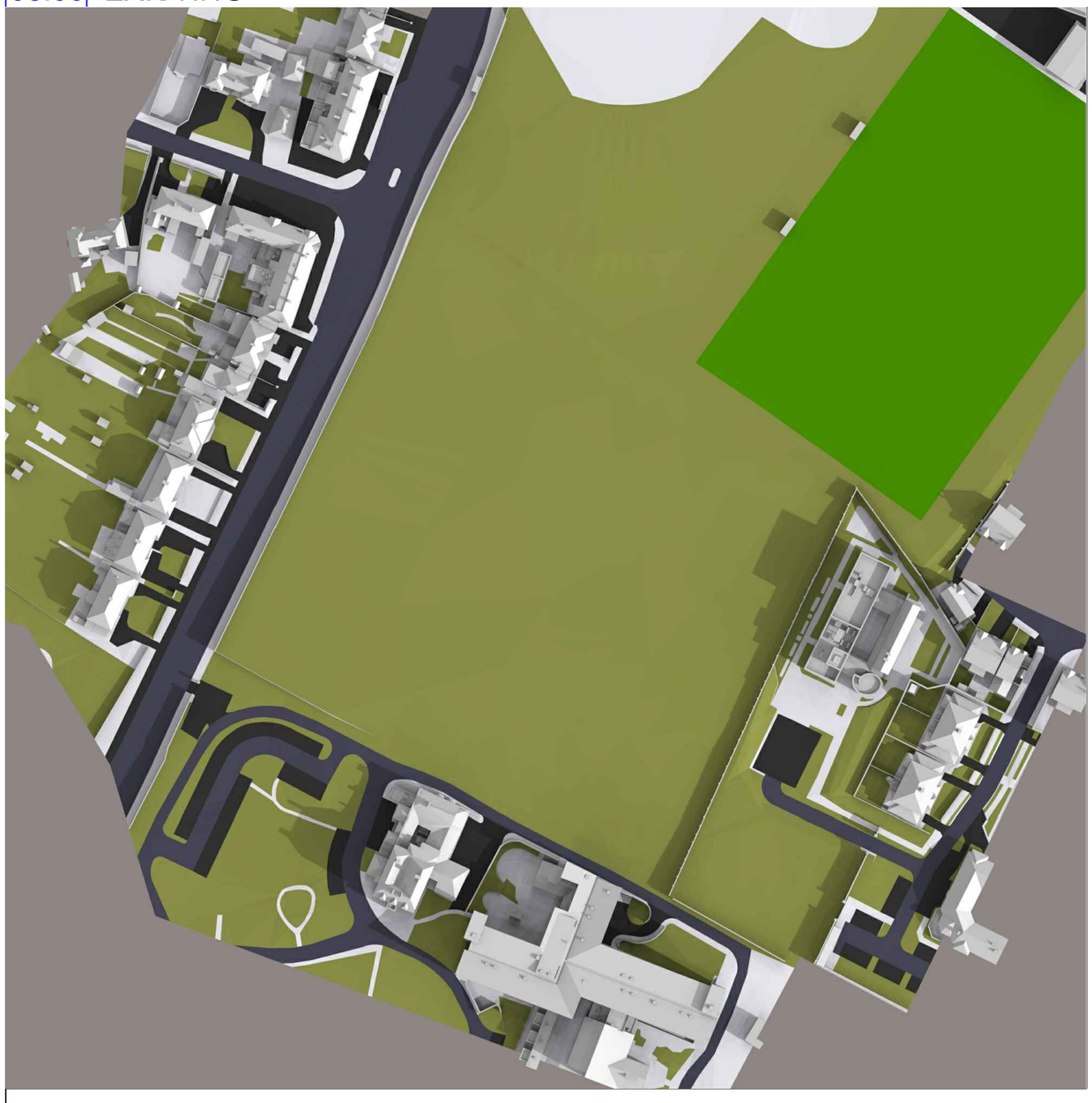
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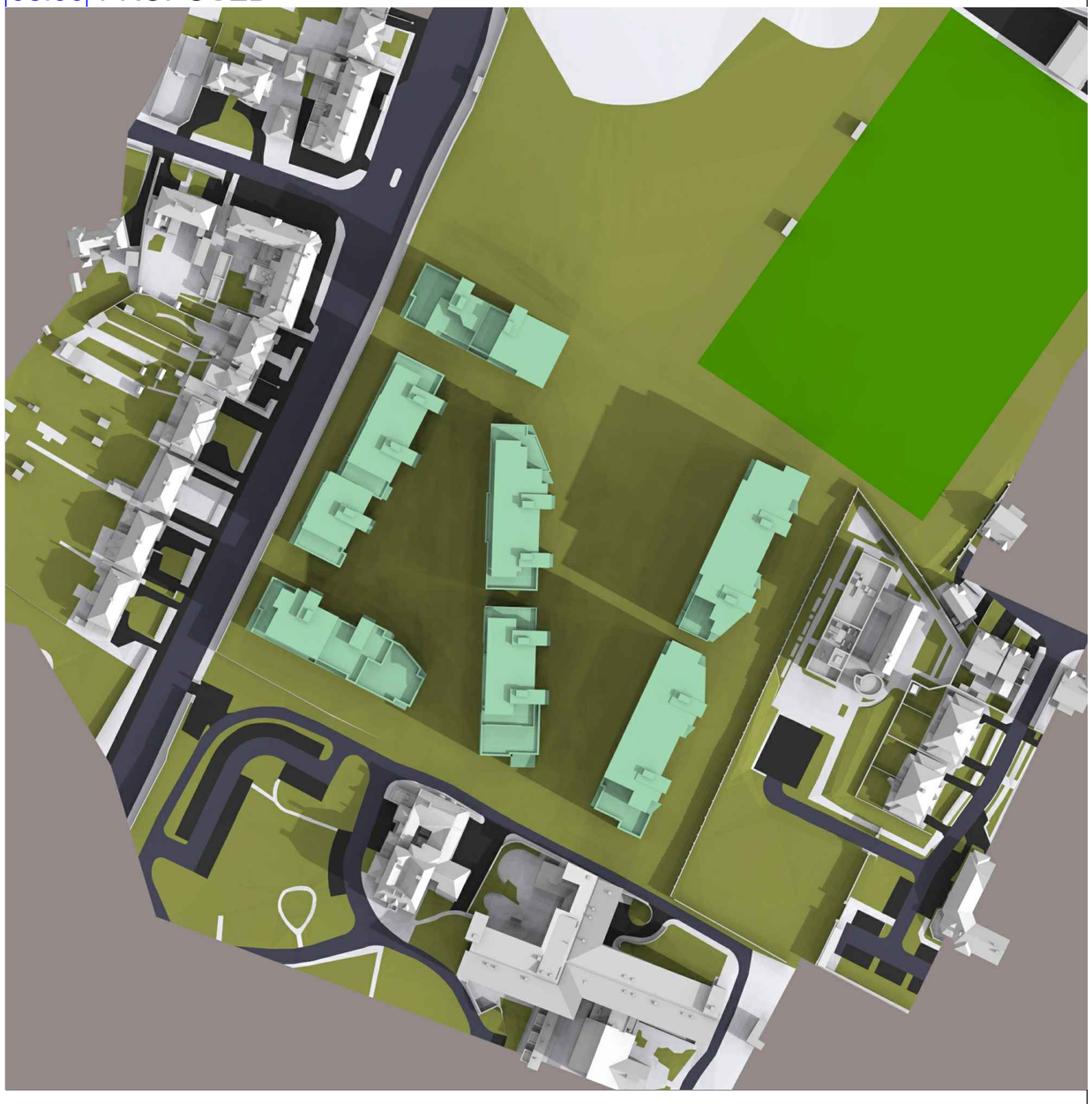
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N

08:00 EXISTING



08:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	14. 2D INFO 02 FEB 2021 Architects Plans and elevation dwgs	N/A

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS MAR 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

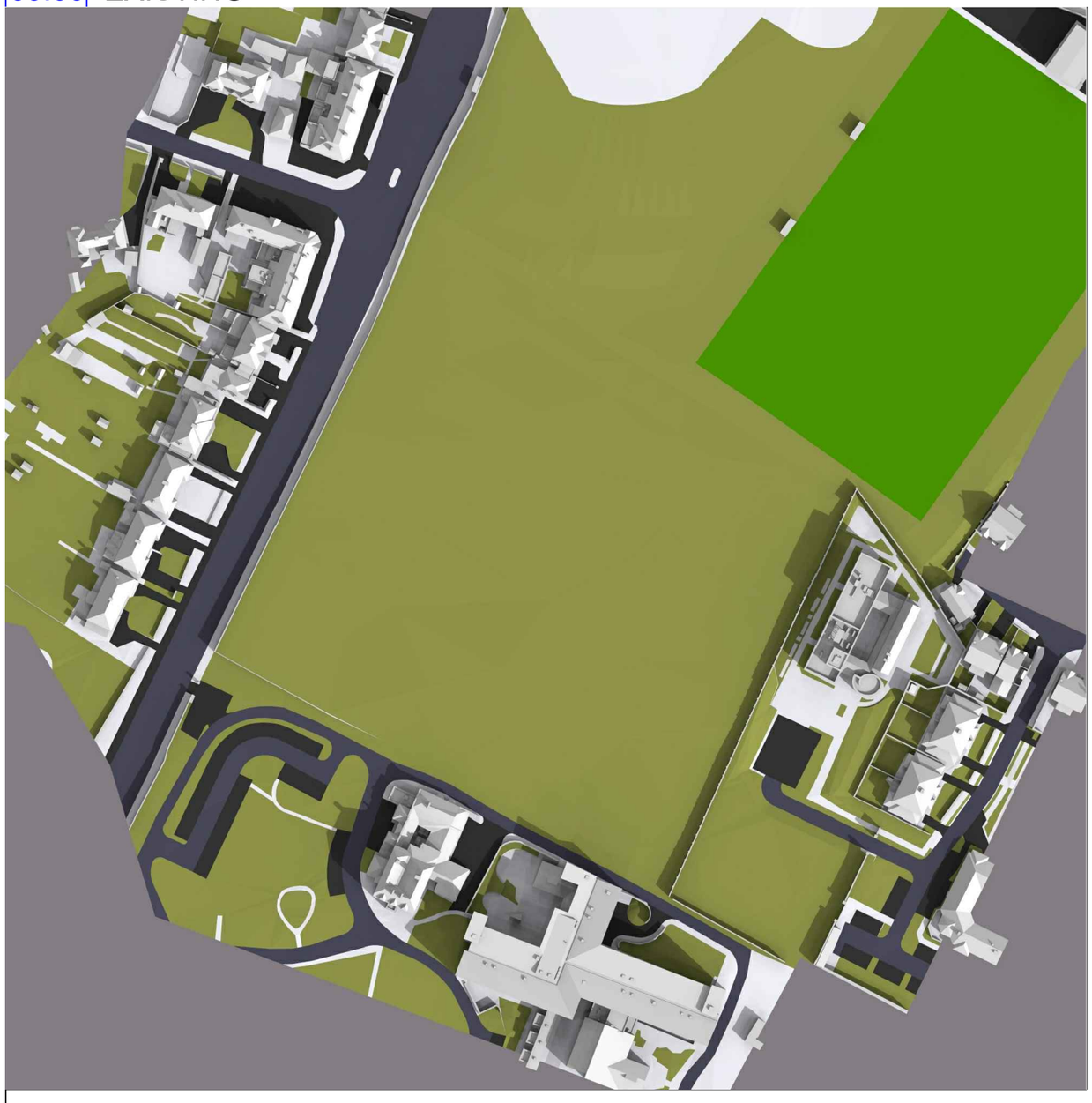
Project No.	Drawing No.	Revision
HA163_08	ROL_02	-

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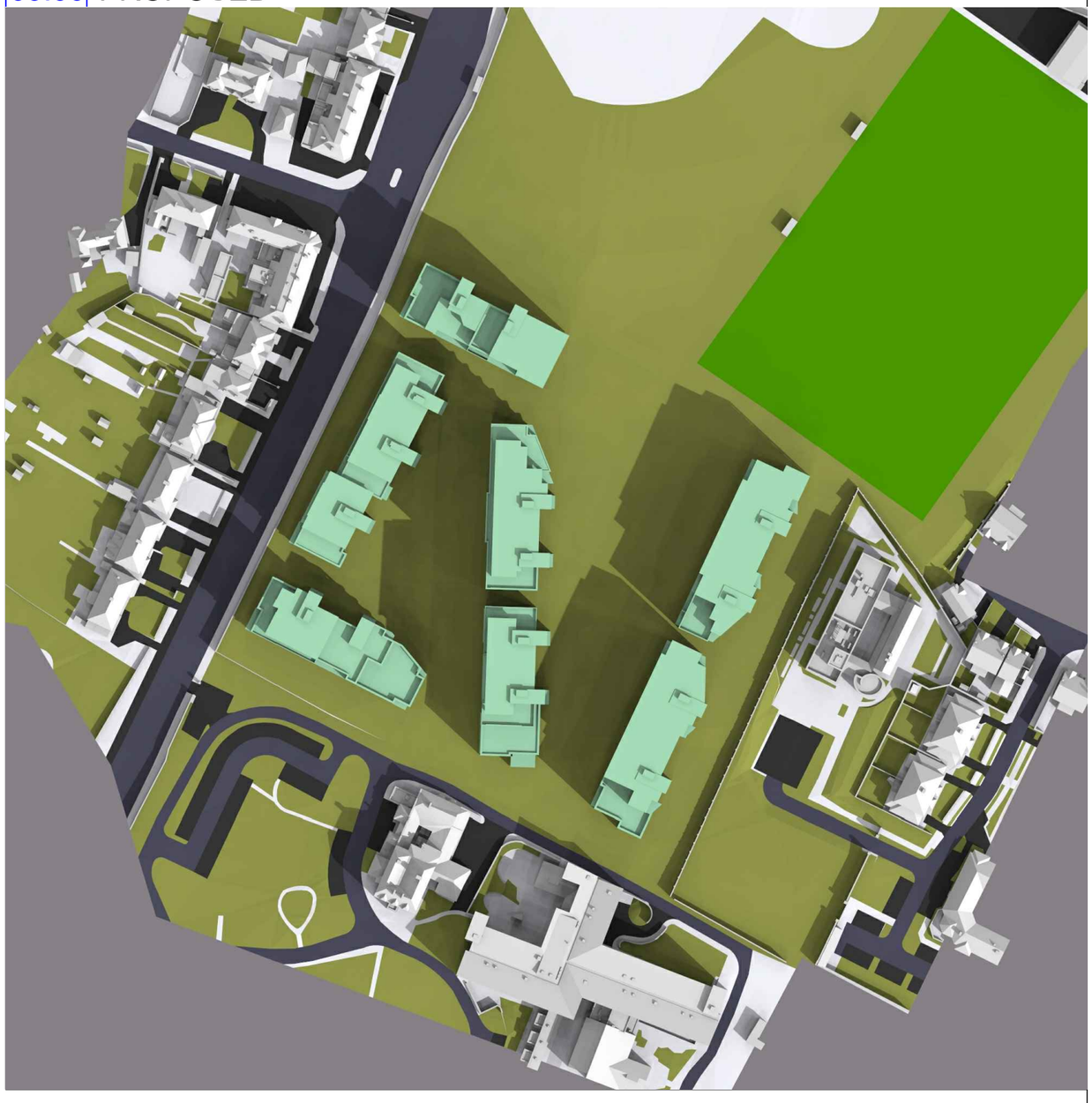
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09:00 EXISTING



09:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS MAR 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

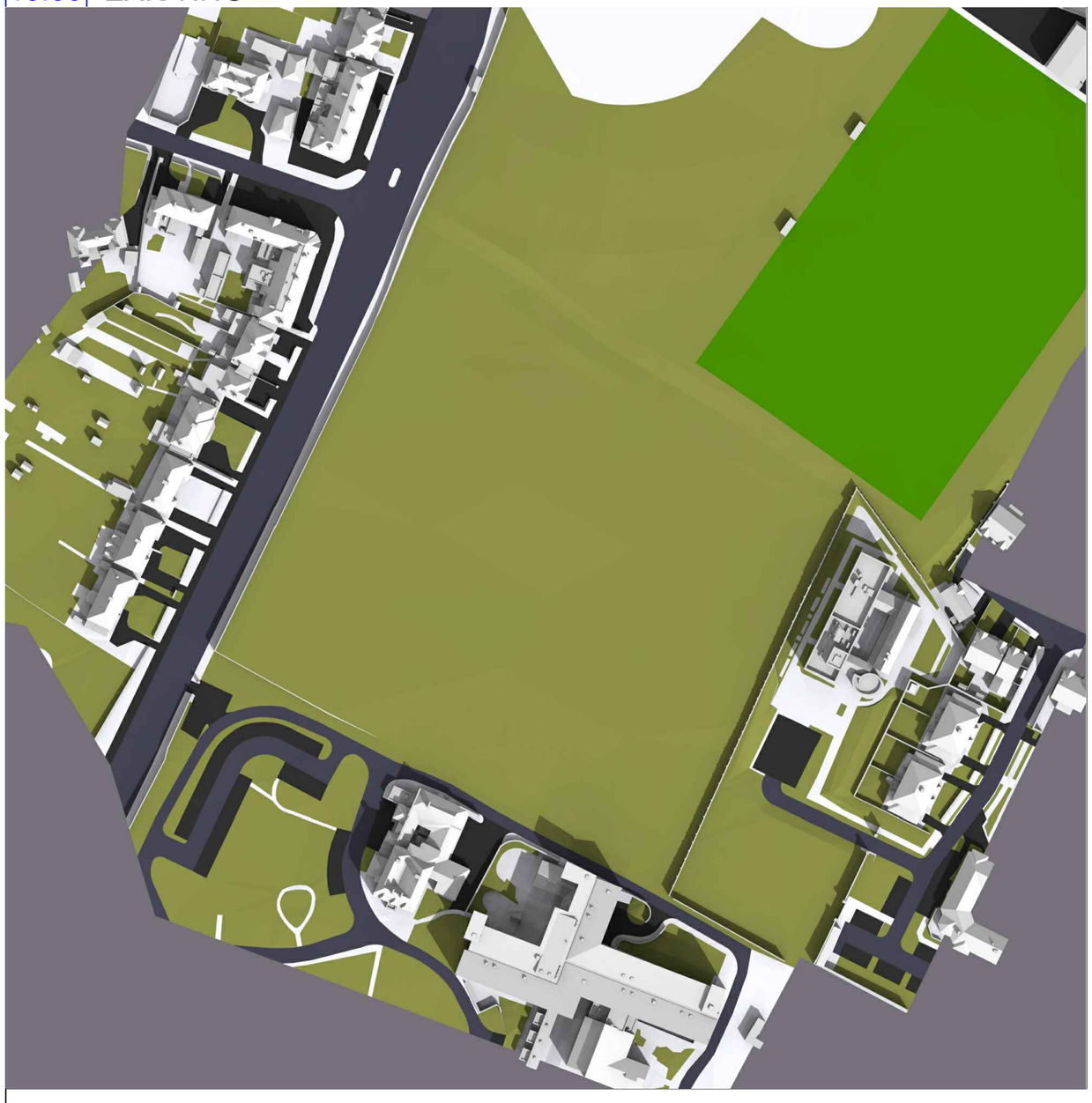
Project No.	Drawing No.	Revision
HA163_08	ROL_03	-

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10:00 EXISTING



10:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS MAR 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

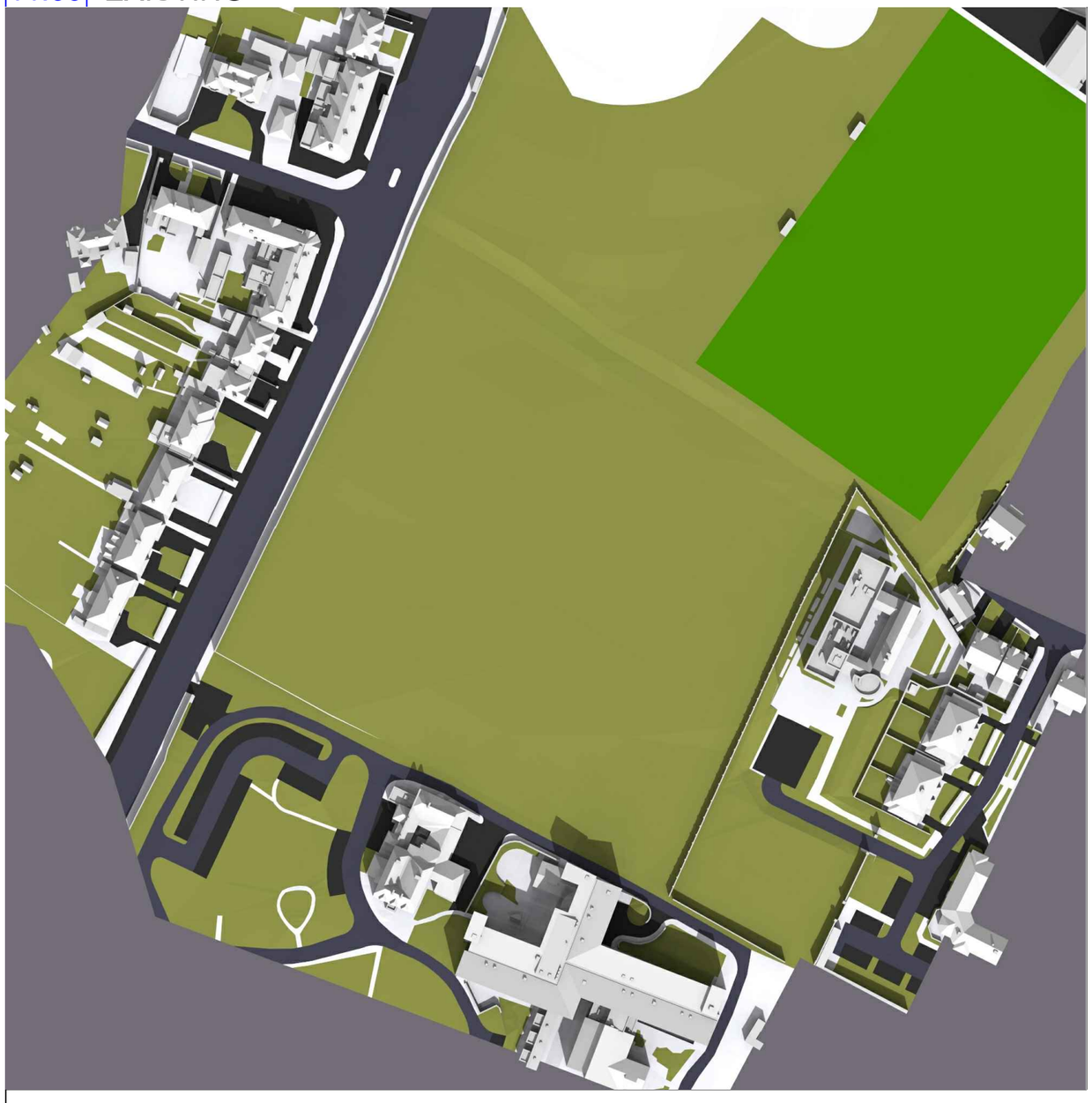
Project No.	Drawing No.	Revision
HA163_08	ROL_04	-

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11:00 EXISTING



11:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS MAR 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

Project No.	Drawing No.	Revision
HA163_08	ROL_05	-

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12:00 EXISTING



12:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

TRANSIENT SHADOW ANALYSIS MAR 21

EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

Project No.	Drawing No.	Revision
HA163_08	ROL_06	-

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13:00 EXISTING



13:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

TRANSIENT SHADOW ANALYSIS MAR 21

EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

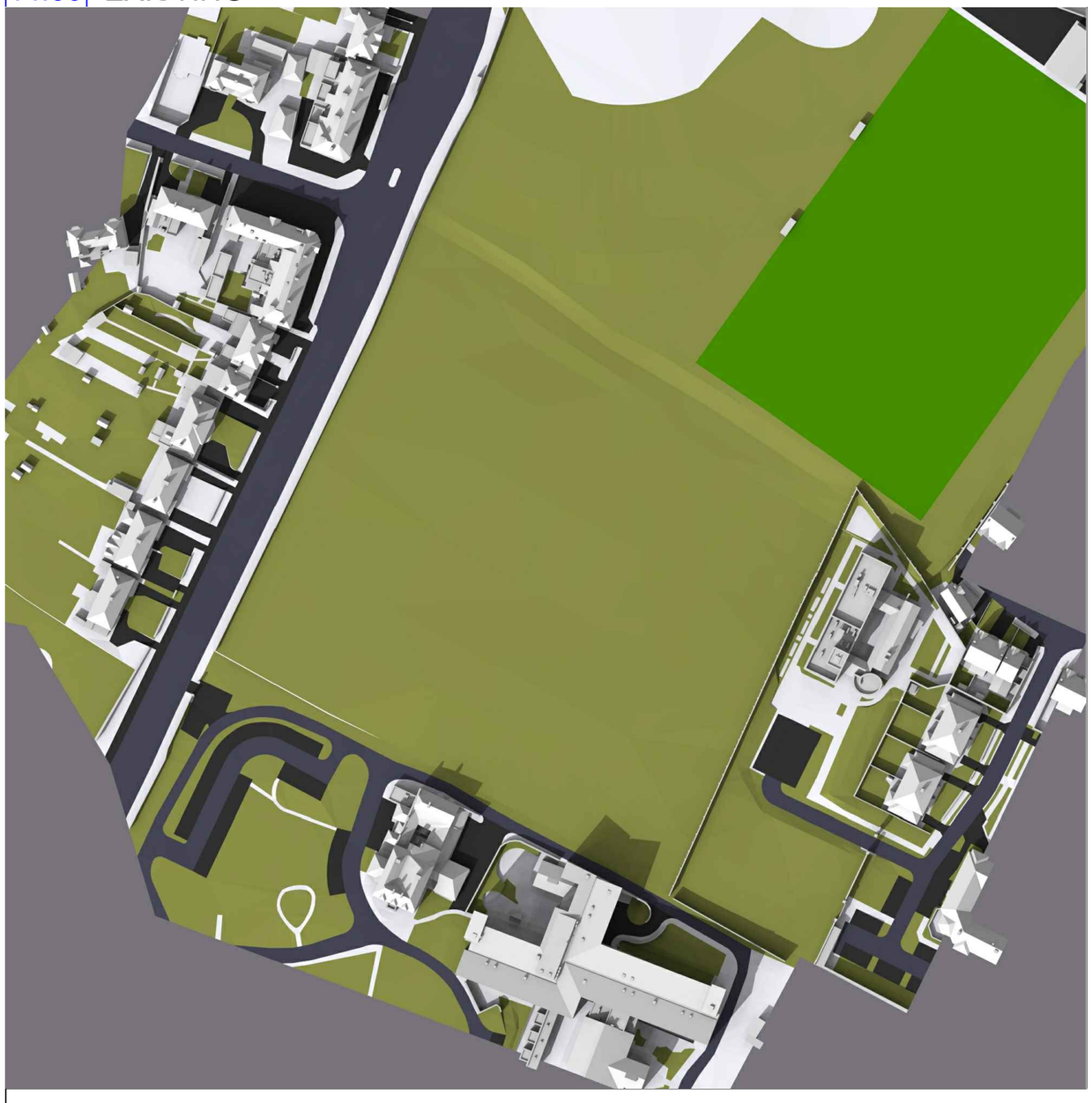
Project No.	Drawing No.	Revision
HA163_08	ROL_07	-

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14:00 EXISTING



14:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS MAR 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

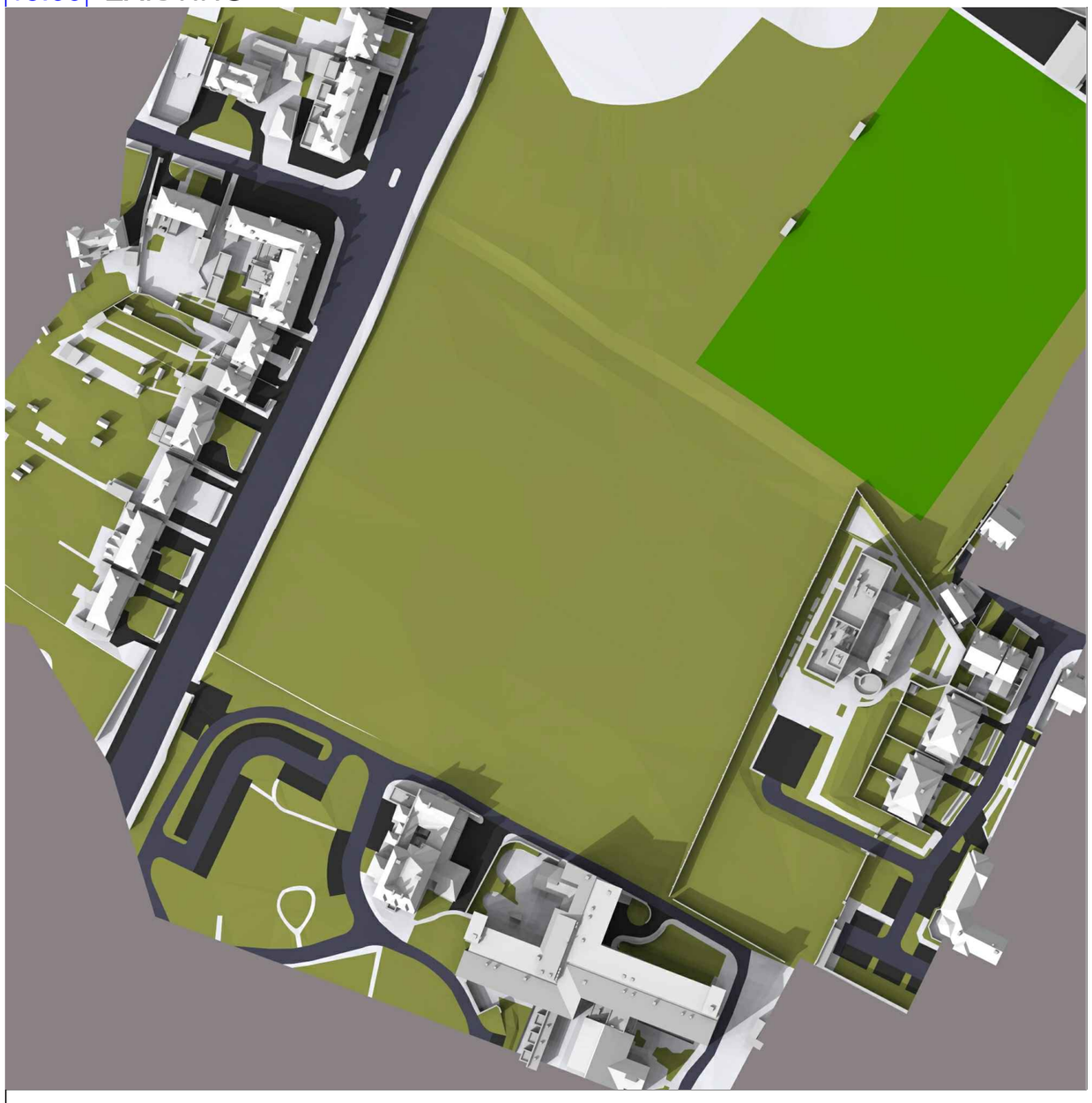
Project No.	Drawing No.	Revision
HA163_08	ROL_08	-

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15:00 EXISTING



15:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords.Dublin_HD_MASTER	002188_Hartfield-Swords.Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS MAR 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

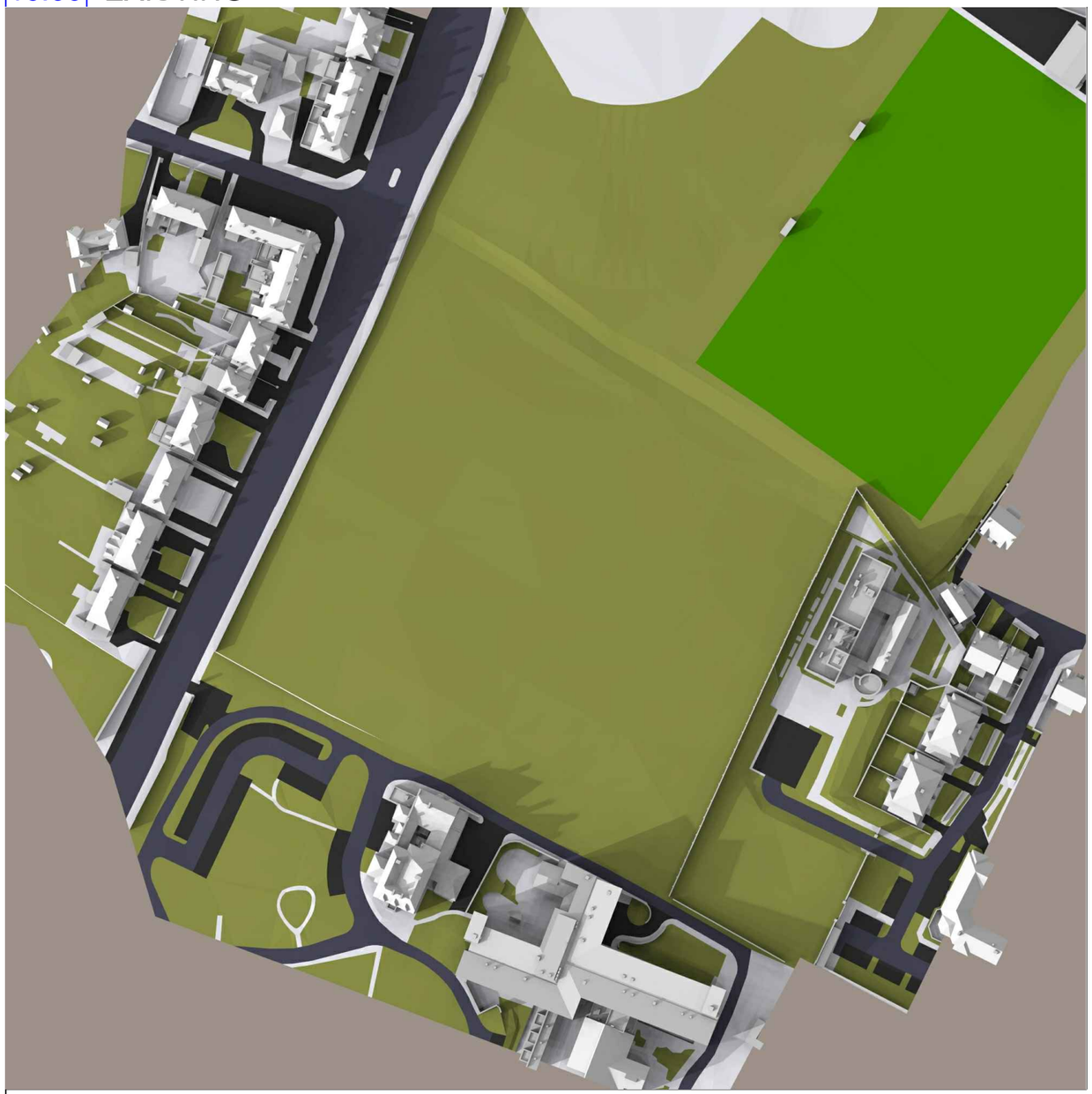
Project No.	Drawing No.	Revision
HA163_08	ROL_09	-

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N

16:00 EXISTING



16:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS MAR 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

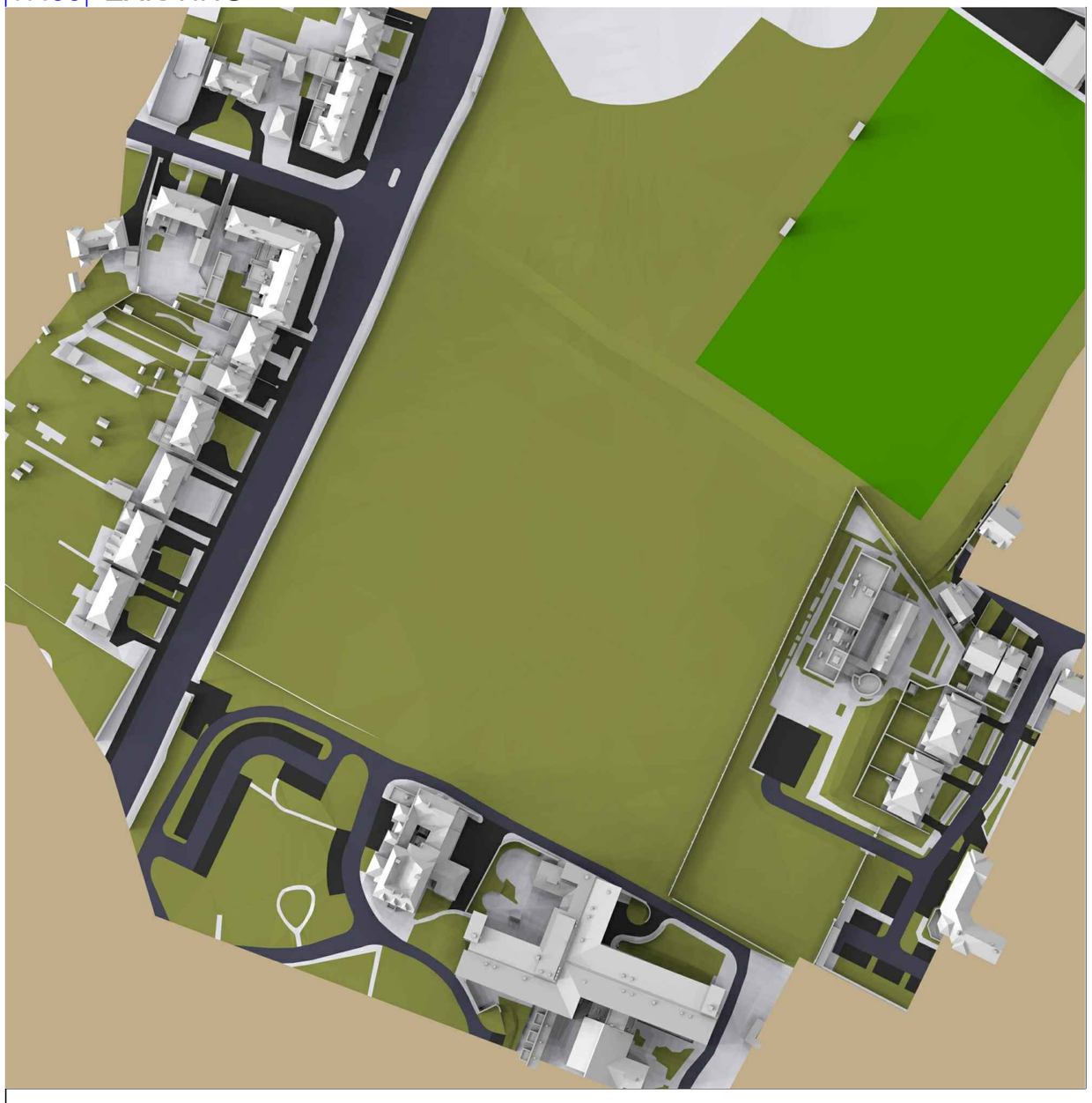
Project No.	Drawing No.	Revision
HA163_08	ROL_10	-

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N

17:00 EXISTING



17:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	14. 2D INFO 02 FEB 2021 Architects Plans and elevation dwgs	N/A

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS MAR 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

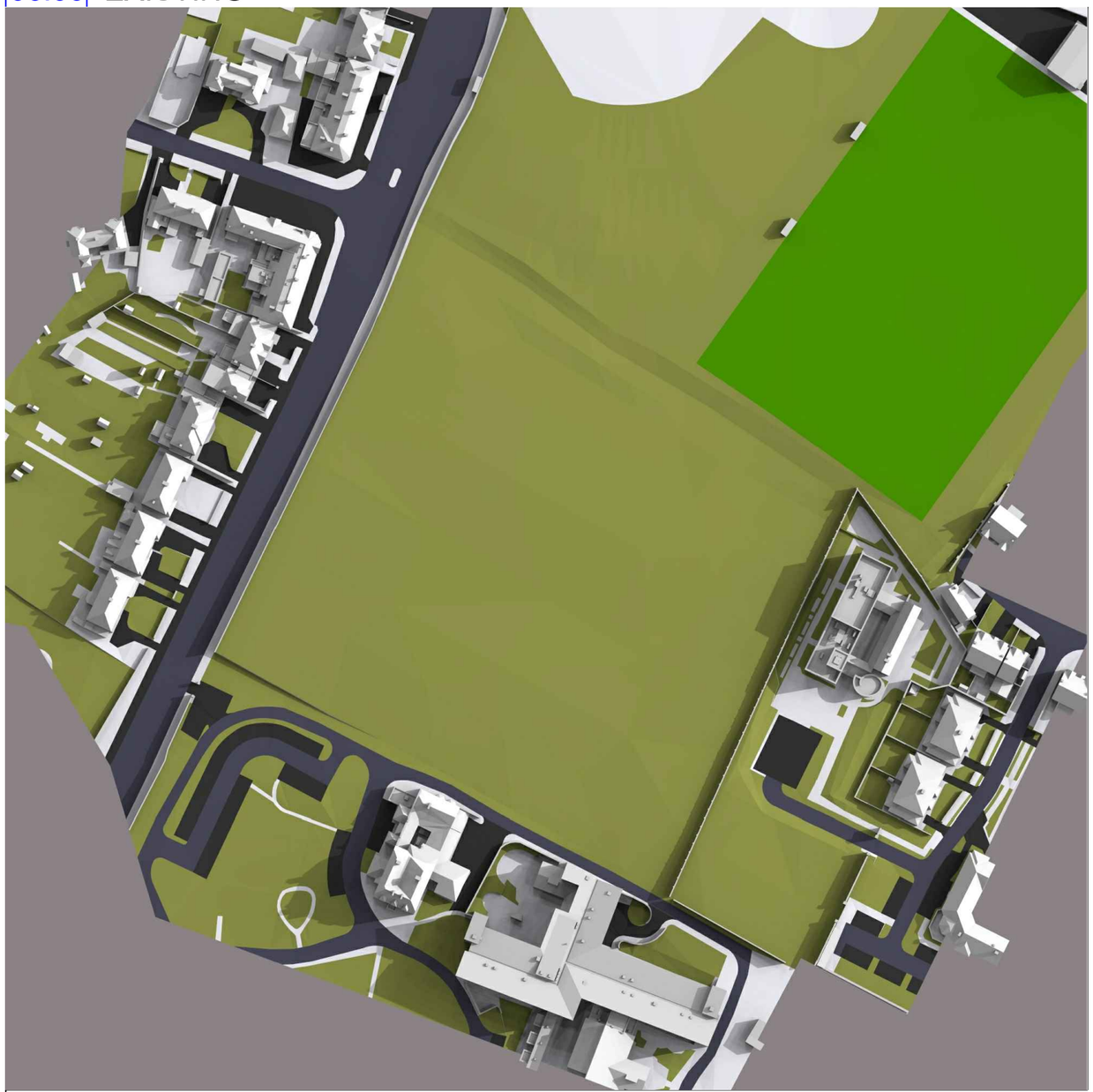
Project No.	Drawing No.	Revision
HA163_08	ROL_11	-

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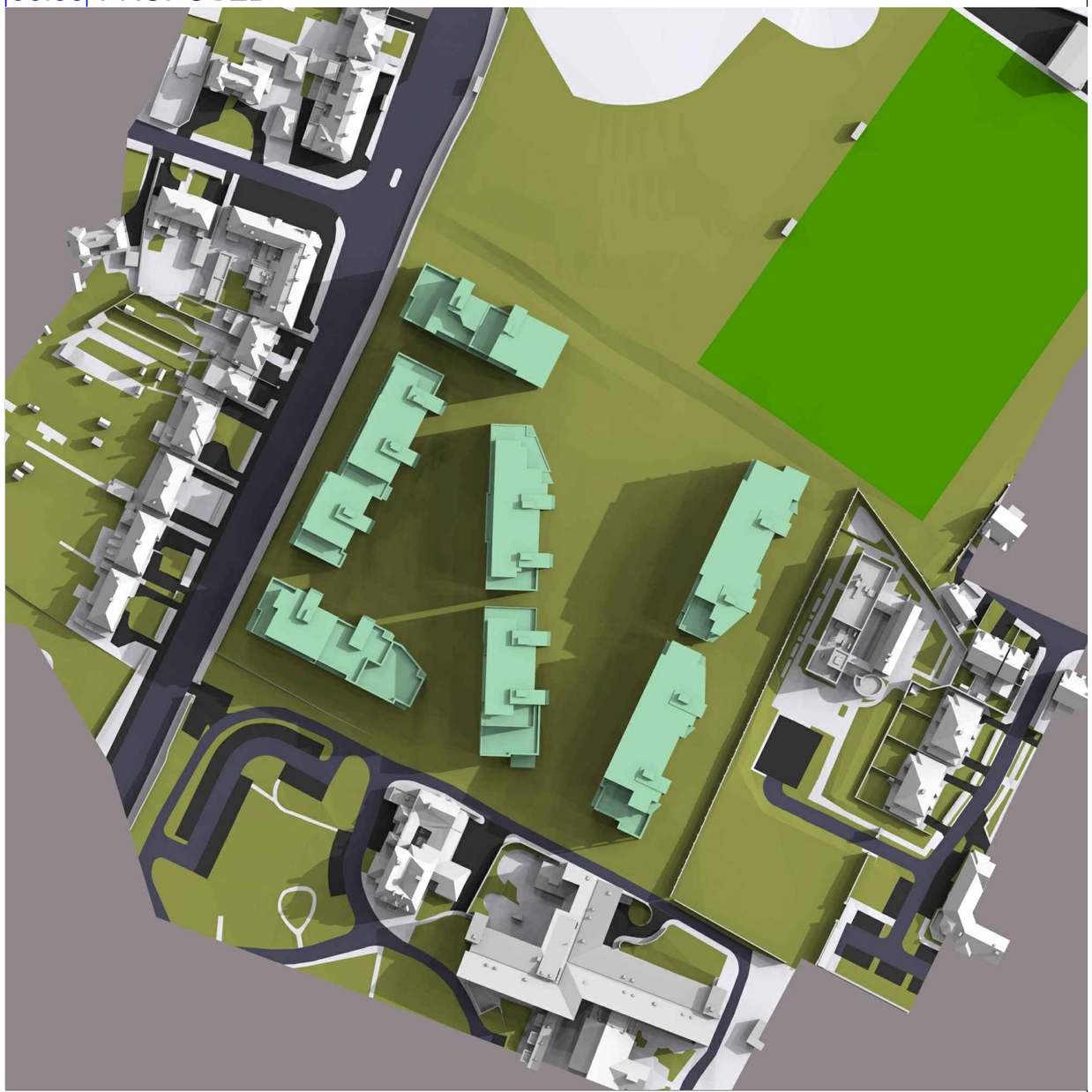
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06:00 EXISTING



06:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS JUNE 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

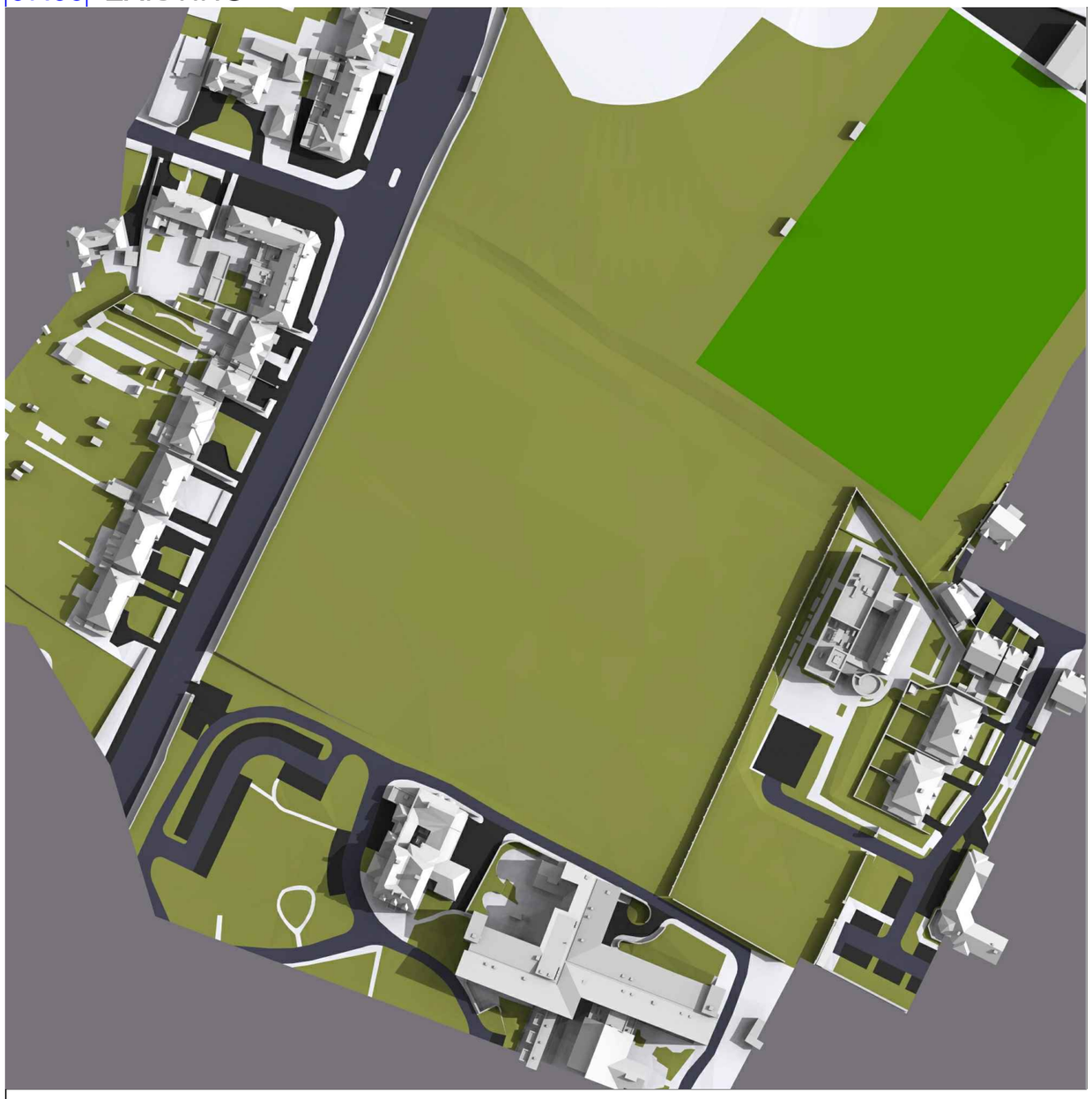
Project No.	Drawing No.	Revision
HA163_08	ROL_12	-

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N

07:00 EXISTING



07:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS JUNE 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

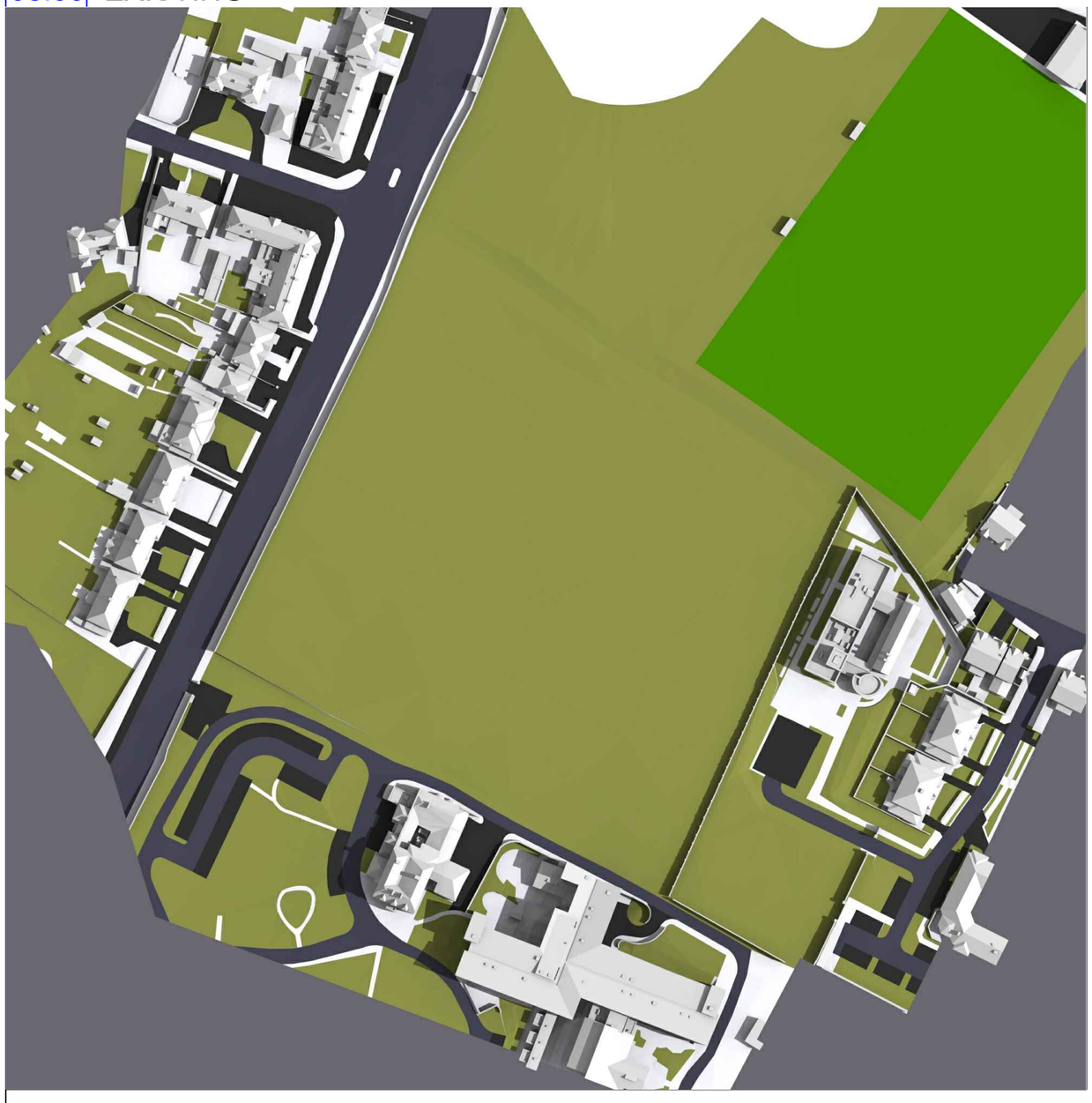
Project No.	Drawing No.	Revision
HA163_08	ROL_13	-

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N

08:00 EXISTING



08:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords.Dublin_HD_MASTER	002188_Hartfield-Swords.Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS JUNE 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

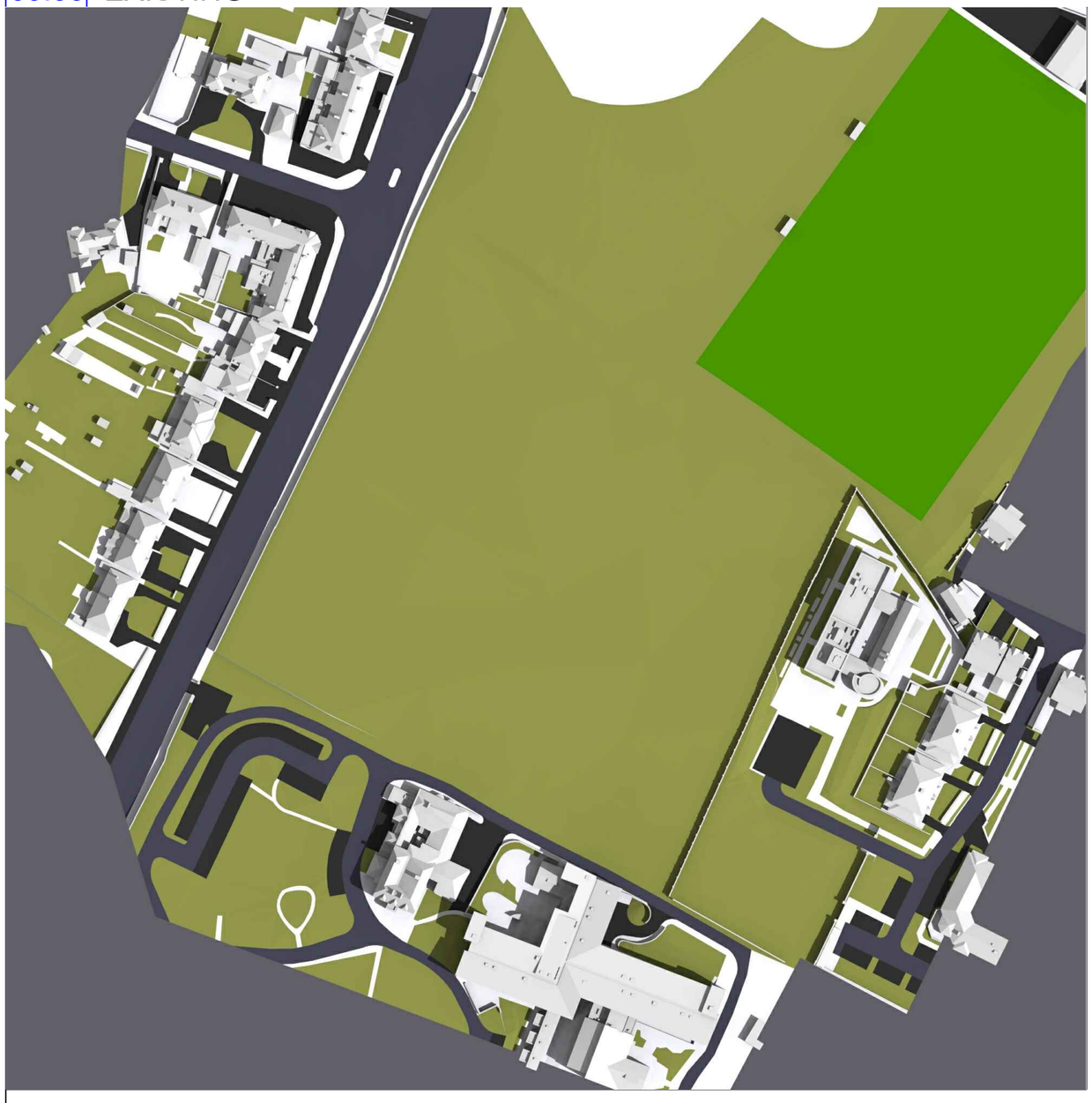
Project No.	Drawing No.	Revision
HA163_08	ROL_14	-

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N

09:00 EXISTING



09:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords.Dublin_HD_MASTER	002188_Hartfield-Swords.Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS JUNE 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

Project No.	Drawing No.	Revision
HA163_08	ROL_15	-

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N

10:00 EXISTING



10:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS JUNE 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

Project No.	Drawing No.	Revision
HA163_08	ROL_16	-

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N

11:00 EXISTING



11:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords.Dublin_HD_MASTER	002188_Hartfield-Swords.Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS JUNE 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

Project No.	Drawing No.	Revision
HA163_08	ROL_17	-

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N

12:00 EXISTING



12:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

TRANSIENT SHADOW ANALYSIS JUNE 21

EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

Project No.	Drawing No.	Revision
HA163_08	ROL_18	-

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13:00 EXISTING



13:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

TRANSIENT SHADOW ANALYSIS JUNE 21

EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

Project No.	Drawing No.	Revision
HA163_08	ROL_19	-

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14:00 EXISTING



14:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

TRANSIENT SHADOW ANALYSIS JUNE 21

EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

Project No.	Drawing No.	Revision
HA163_08	ROL_20	-

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15:00 EXISTING



15:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

TRANSIENT SHADOW ANALYSIS JUNE 21

EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

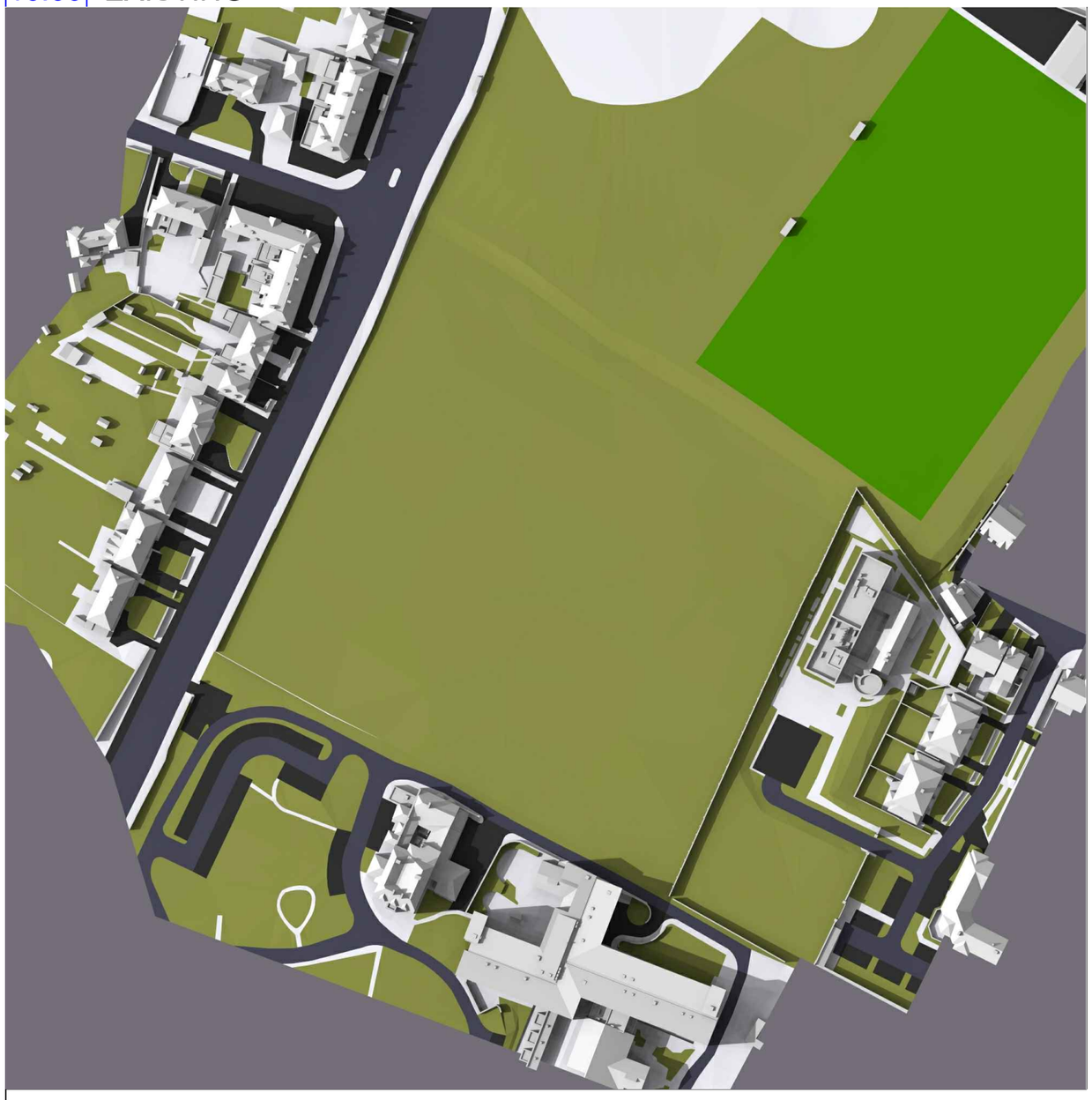
Project No.	Drawing No.	Revision
HA163_08	ROL_21	-

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16:00 EXISTING



16:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	14. 2D INFO 02 FEB 2021 Architects Plans and elevation dwgs	N/A

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS JUNE 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

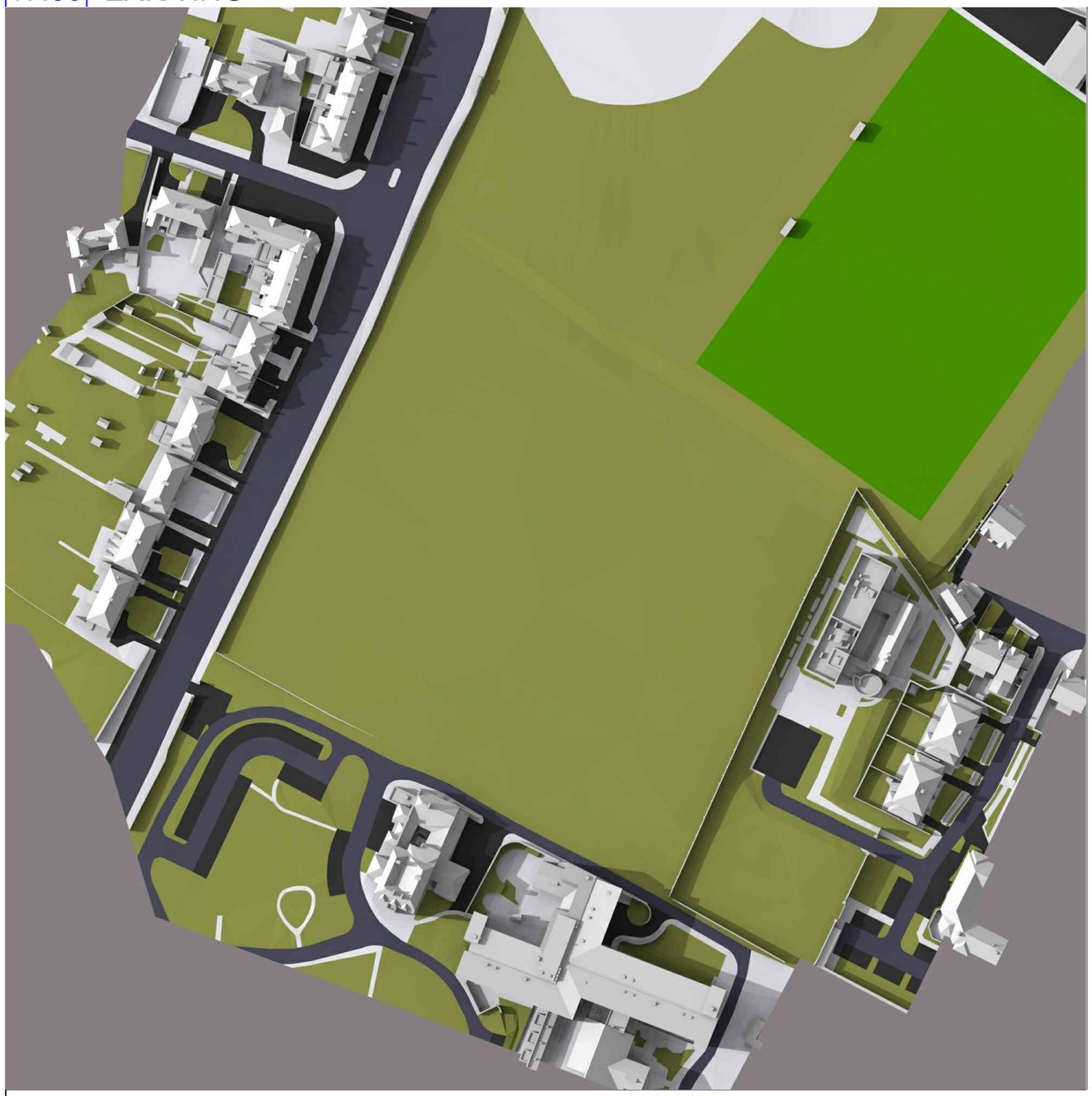
Project No.	Drawing No.	Revision
HA163_08	ROL_22	-

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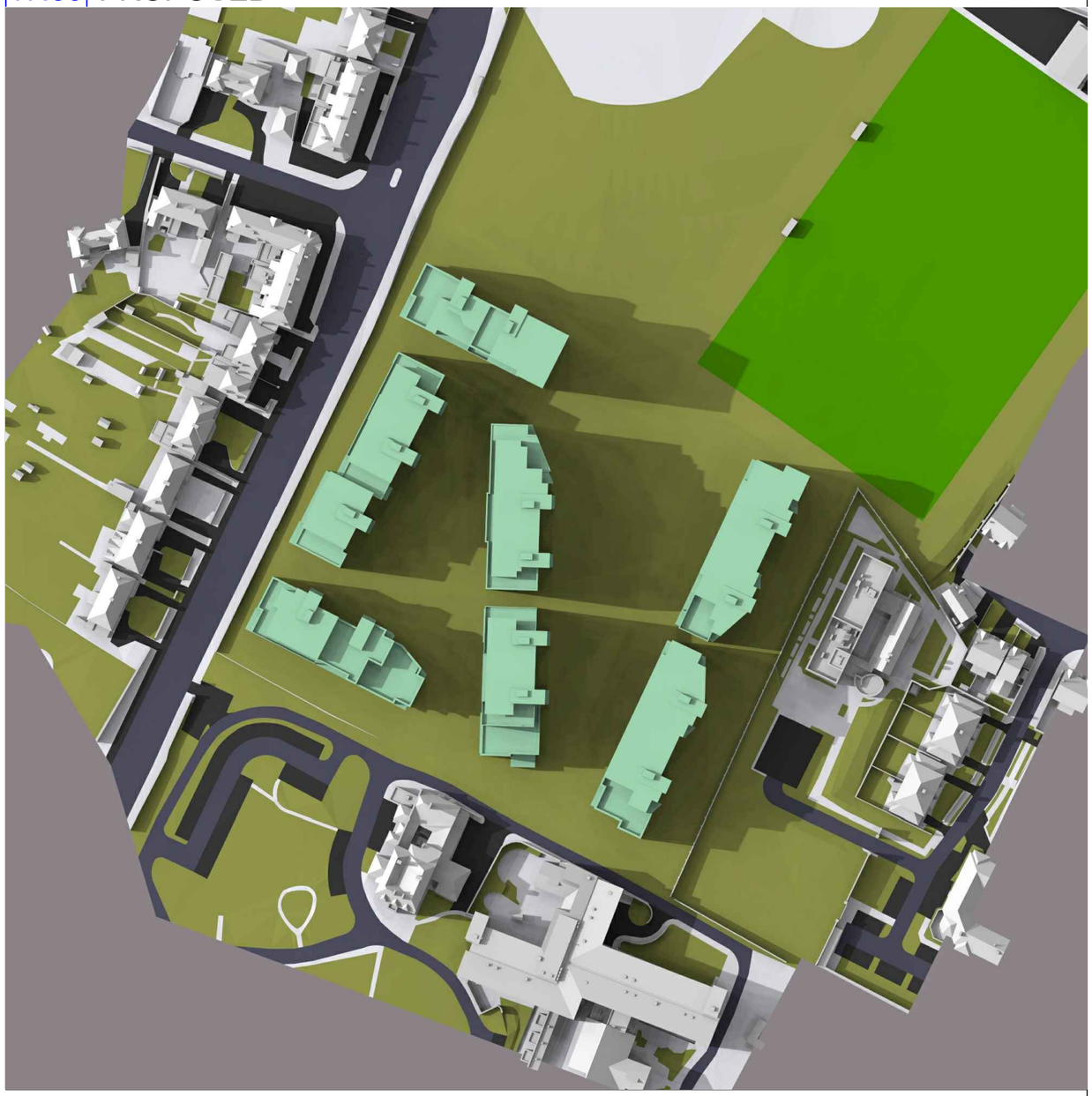
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17:00 EXISTING



17:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

TRANSIENT SHADOW ANALYSIS JUNE 21

EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

Project No.	Drawing No.	Revision
HA163_08	ROL_23	-

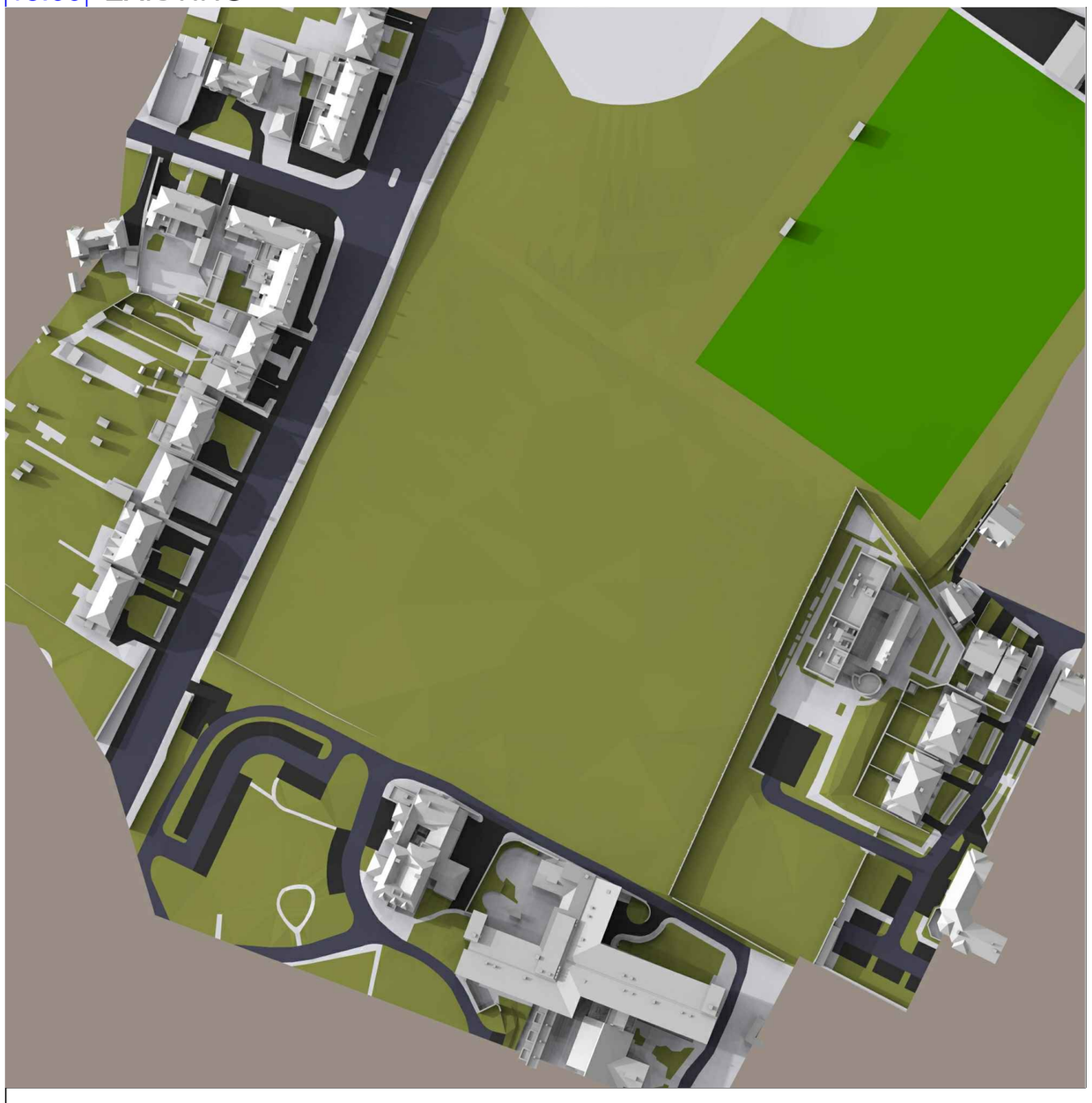
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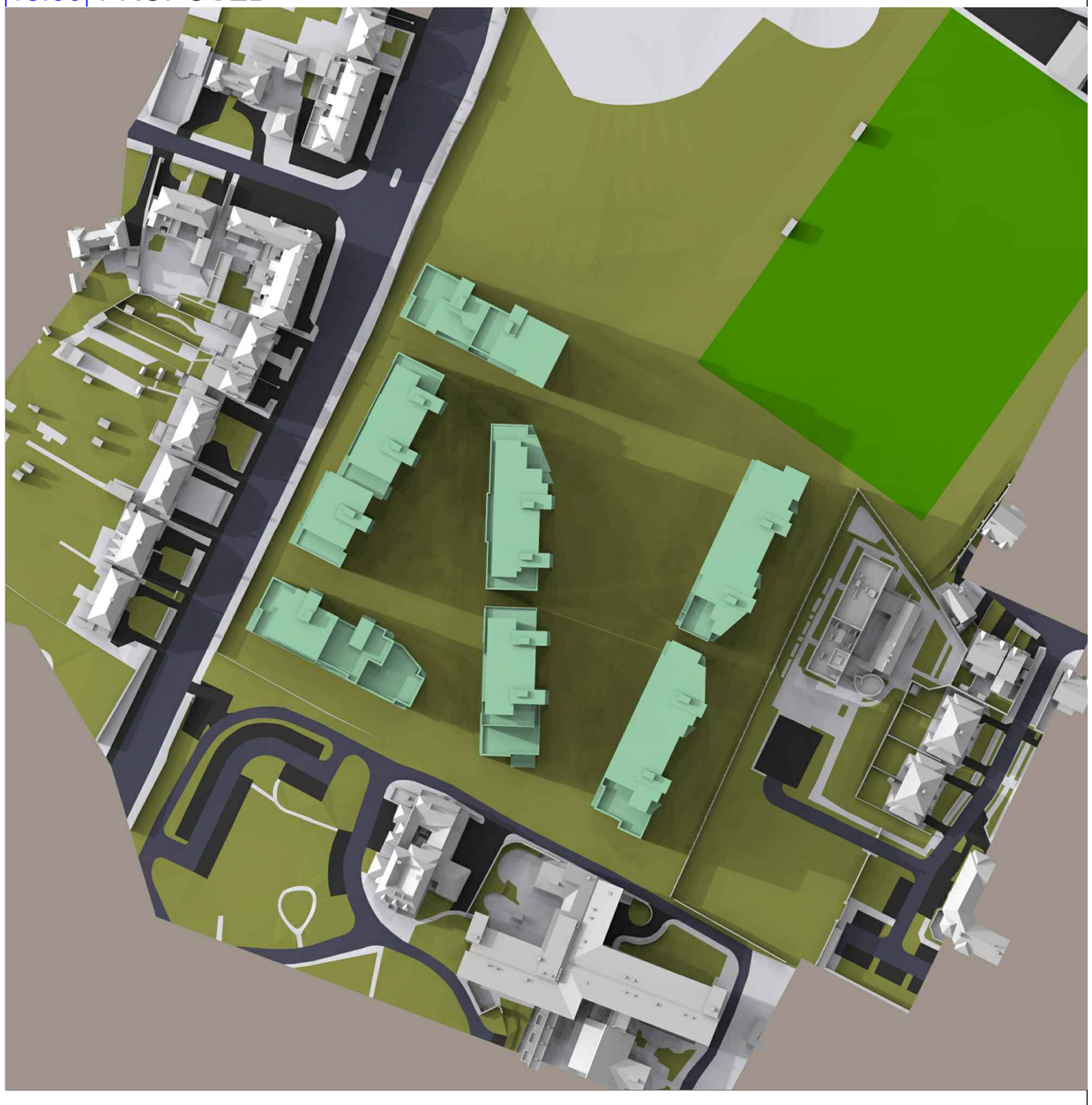
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18:00 EXISTING



18:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS JUNE 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

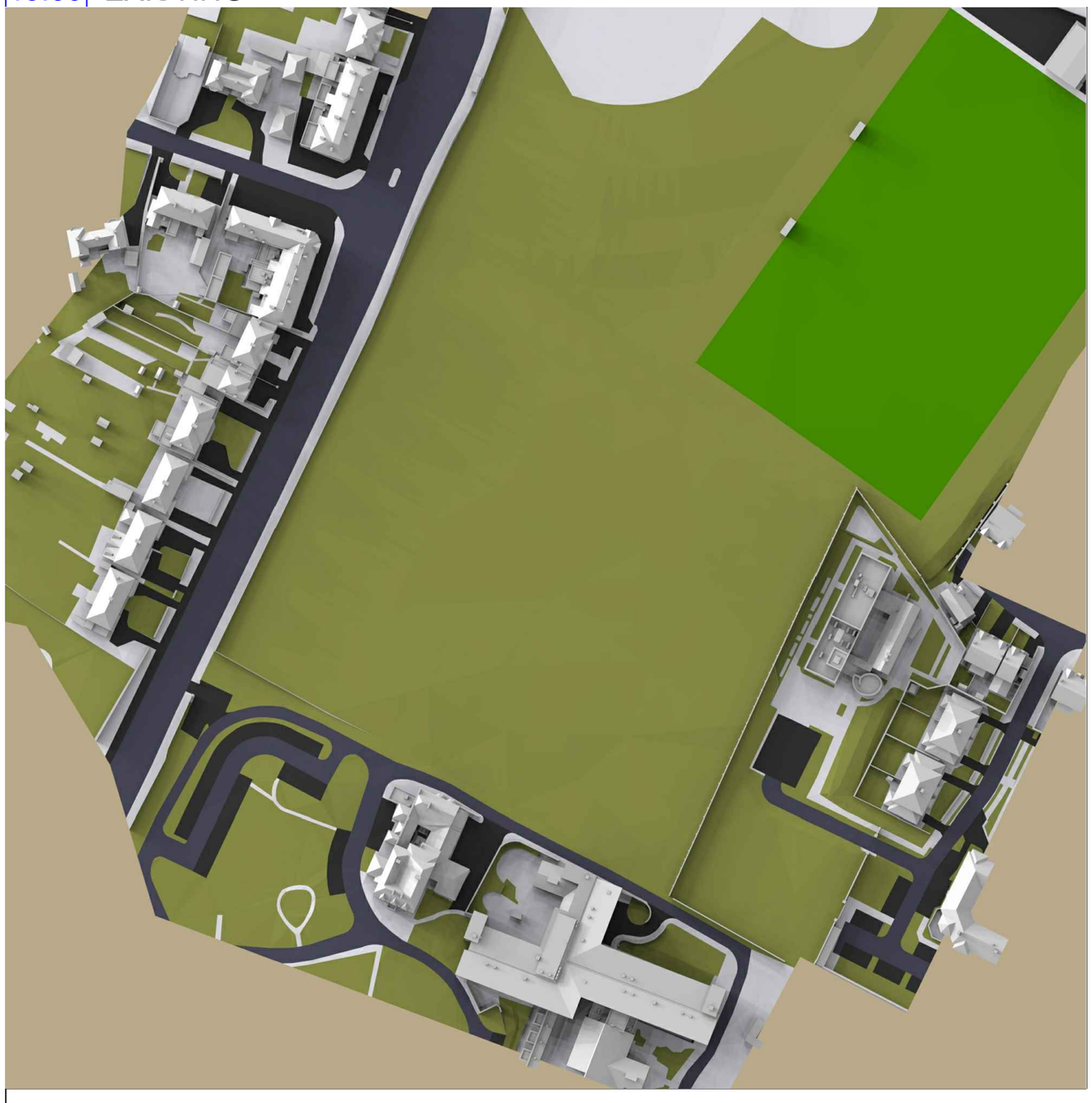
Project No.	Drawing No.	Revision
HA163_08	ROL_124	-

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N

19:00 EXISTING



19:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS JUNE 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

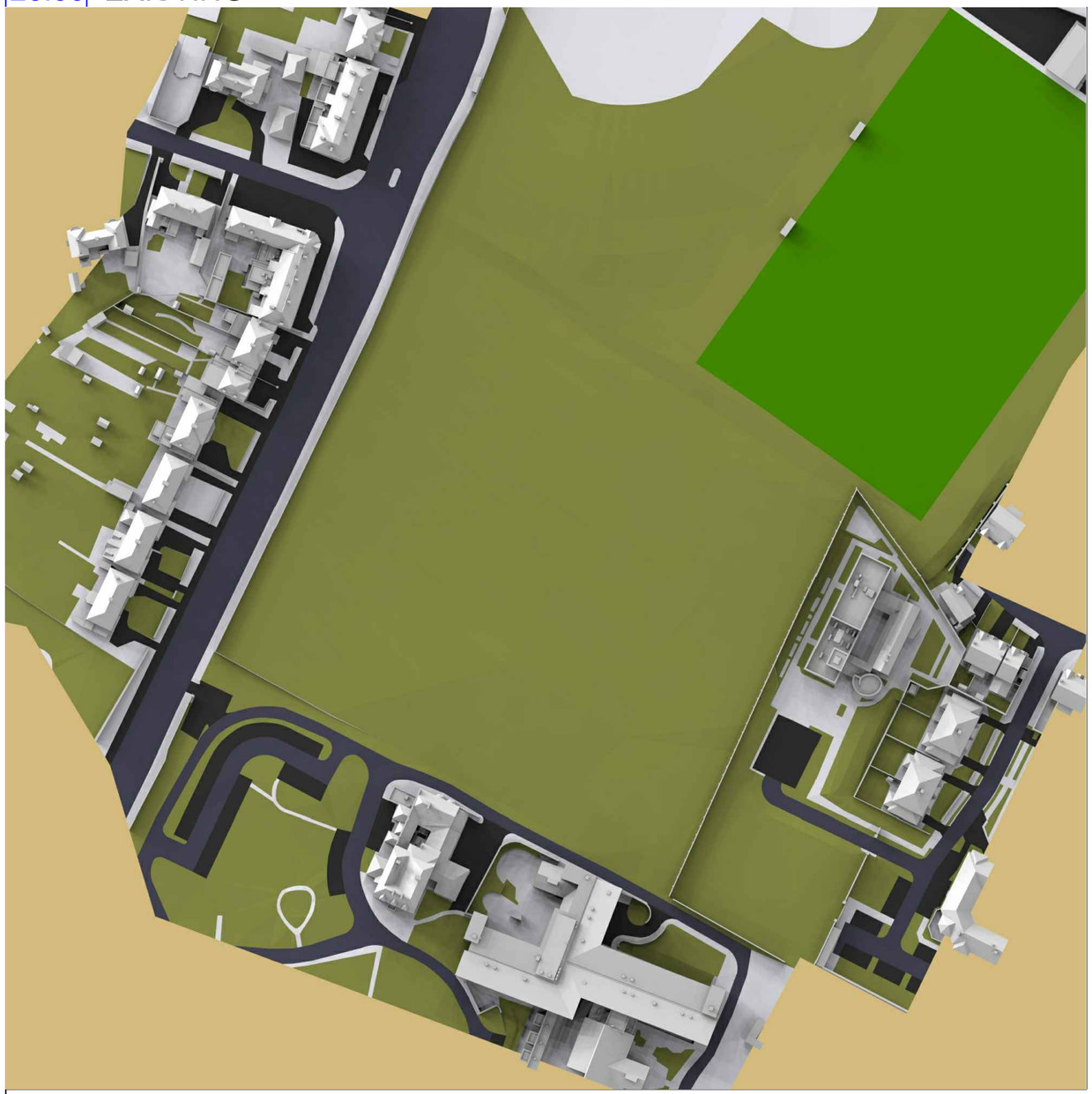
Project No.	Drawing No.	Revision
HA163_08	ROL_25	-

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N

20:00 EXISTING



20:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

TRANSIENT SHADOW ANALYSIS JUNE 21

EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

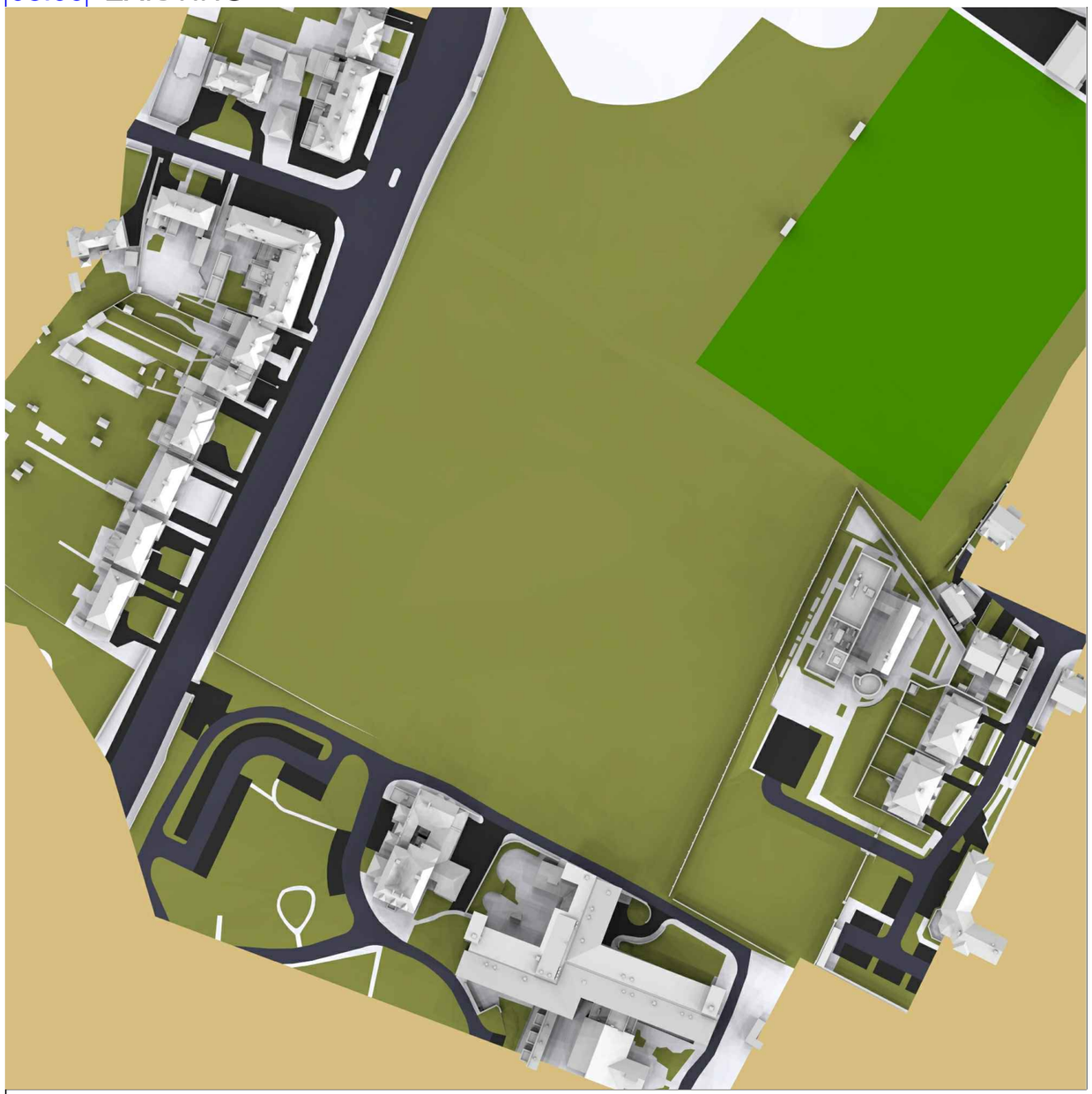
Project No.	Drawing No.	Revision
HA163_08	ROL_26	-

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N

08:00 EXISTING



08:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

TRANSIENT SHADOW ANALYSIS DEC 21

EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

Project No.	Drawing No.	Revision
HA163_08	ROL_27	-

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N

09:00 EXISTING



09:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	14. 2D INFO 02 FEB 2021 Architects Plans and elevation dwgs	N/A

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS DEC 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

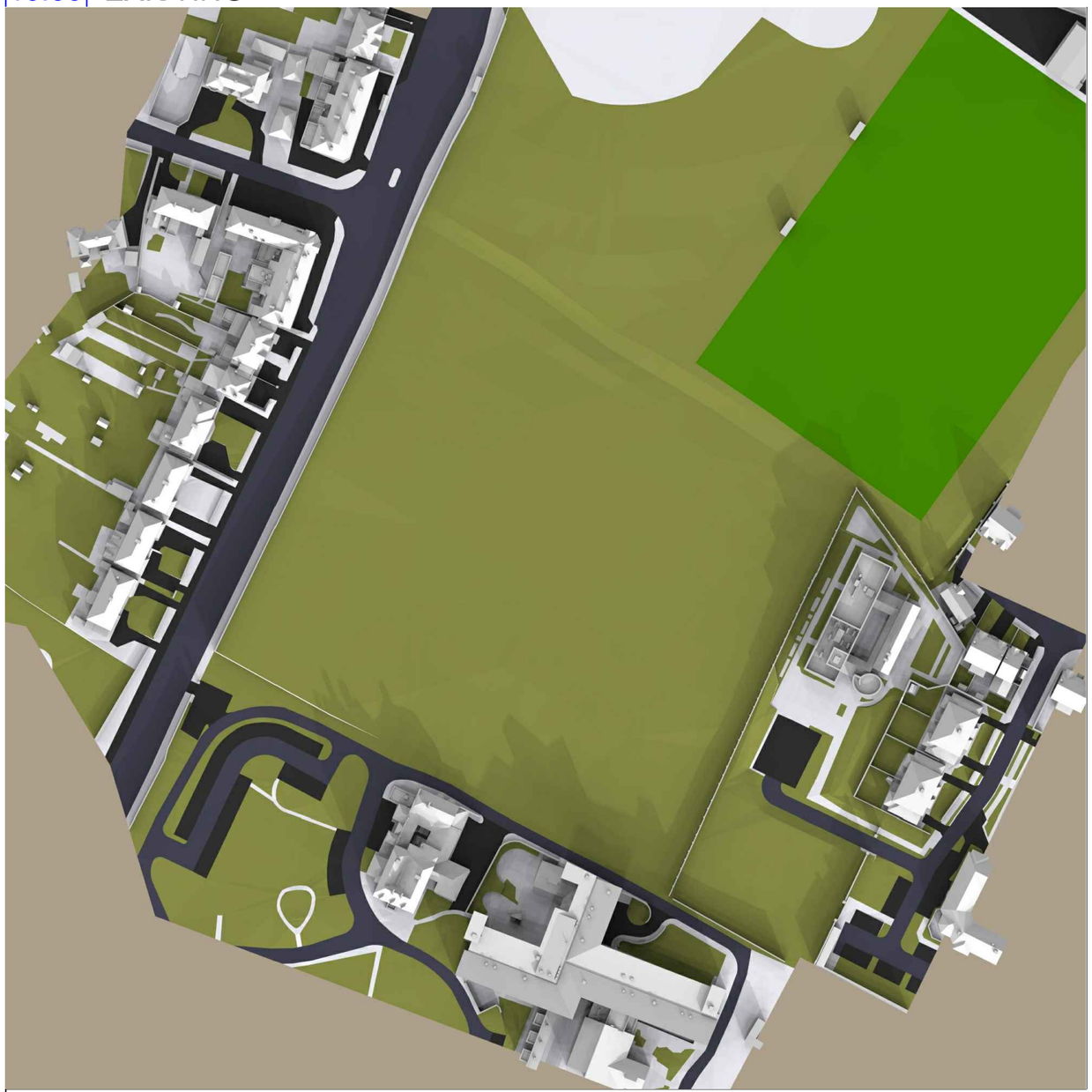
Project No.	Drawing No.	Revision
HA163_08	ROL_28	-

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N

10:00 EXISTING



10:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

TRANSIENT SHADOW ANALYSIS DEC 21

EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

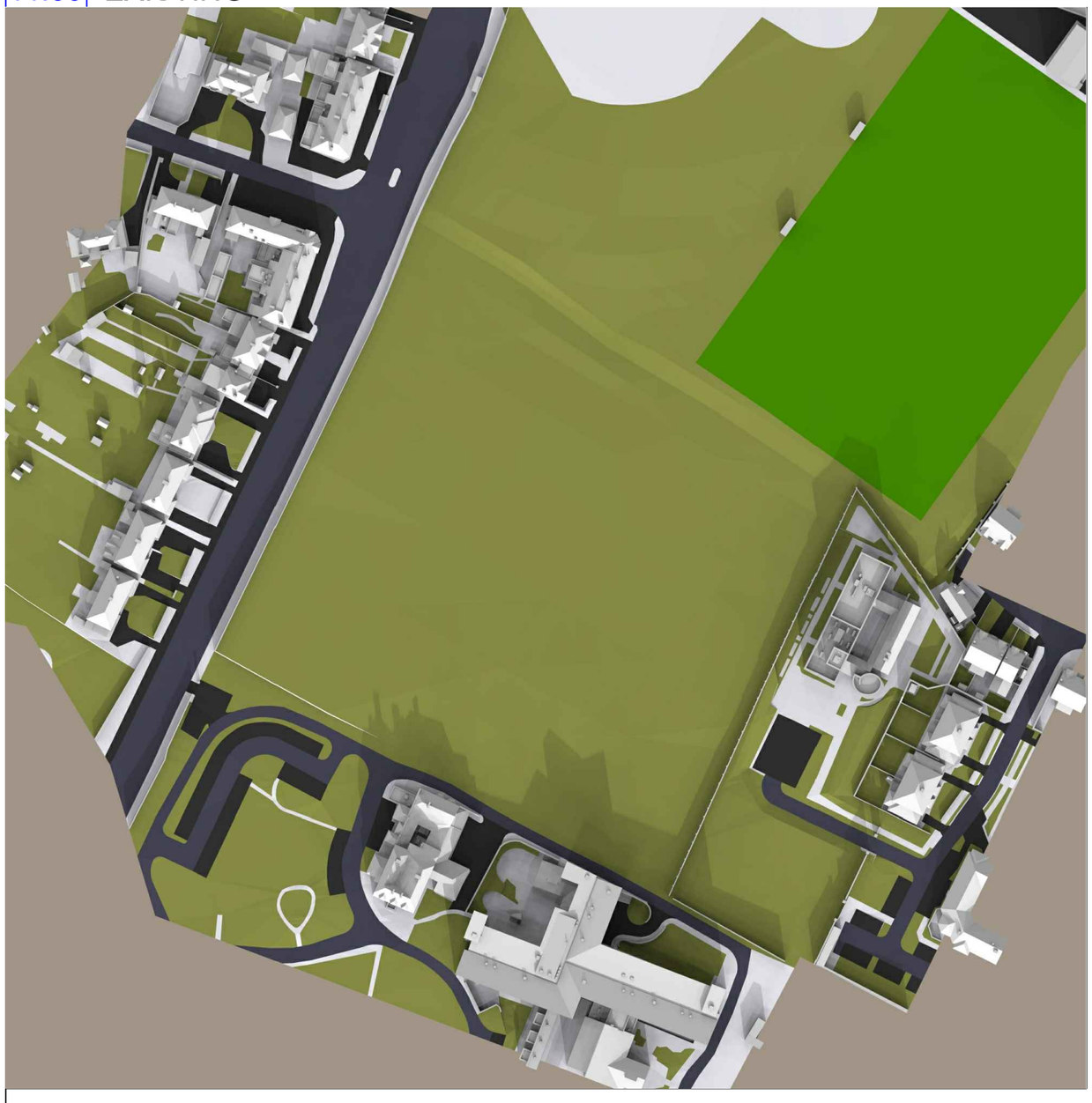
Project No.	Drawing No.	Revision
HA163_08	ROL_29	-

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N

11:00 EXISTING



11:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	14. 2D INFO 02 FEB 2021 Architects Plans and elevation dwgs	N/A

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS DEC 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

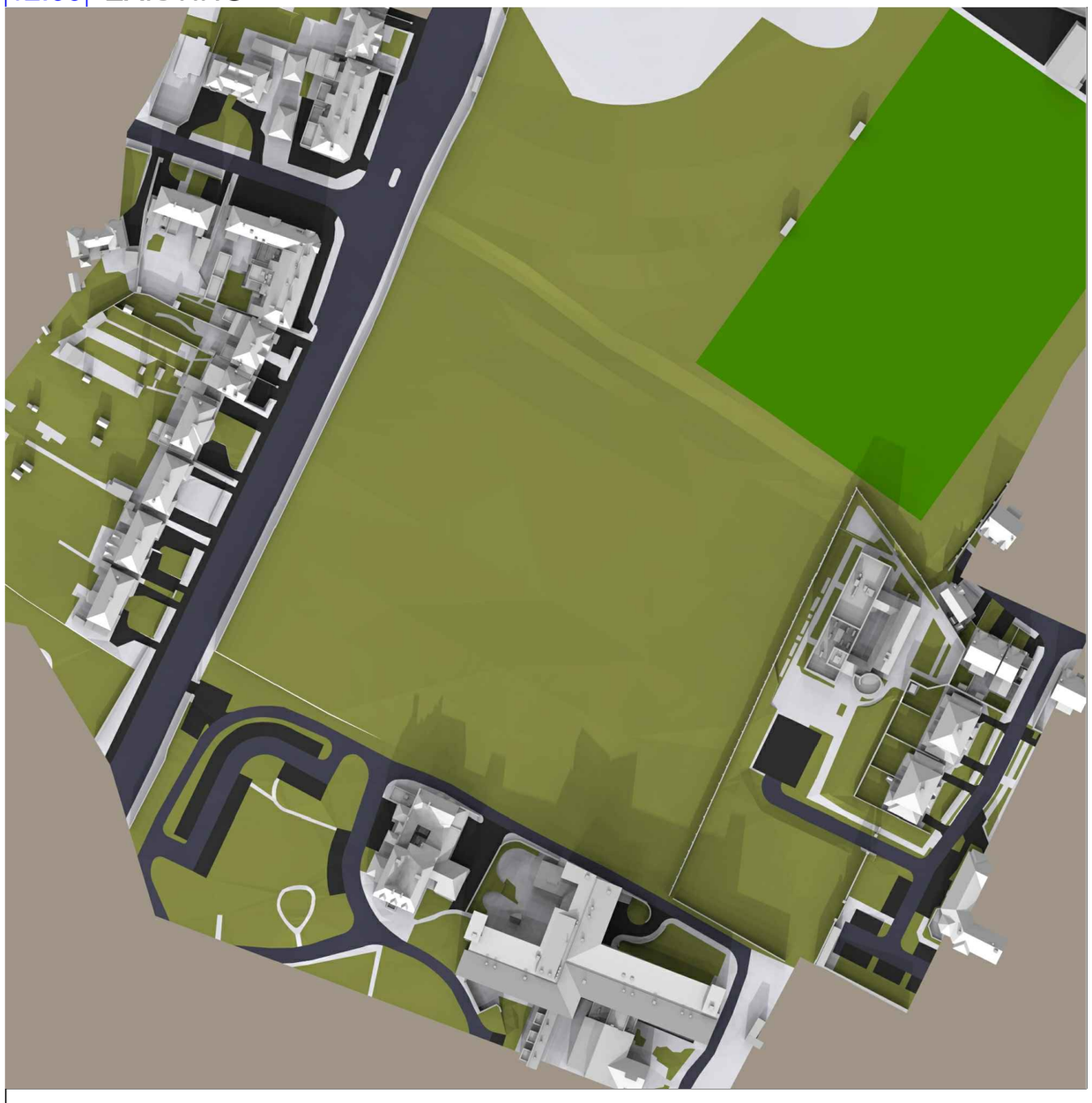
Project No.	Drawing No.	Revision
HA163_08	ROL_30	-

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N

12:00 EXISTING



12:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS DEC 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

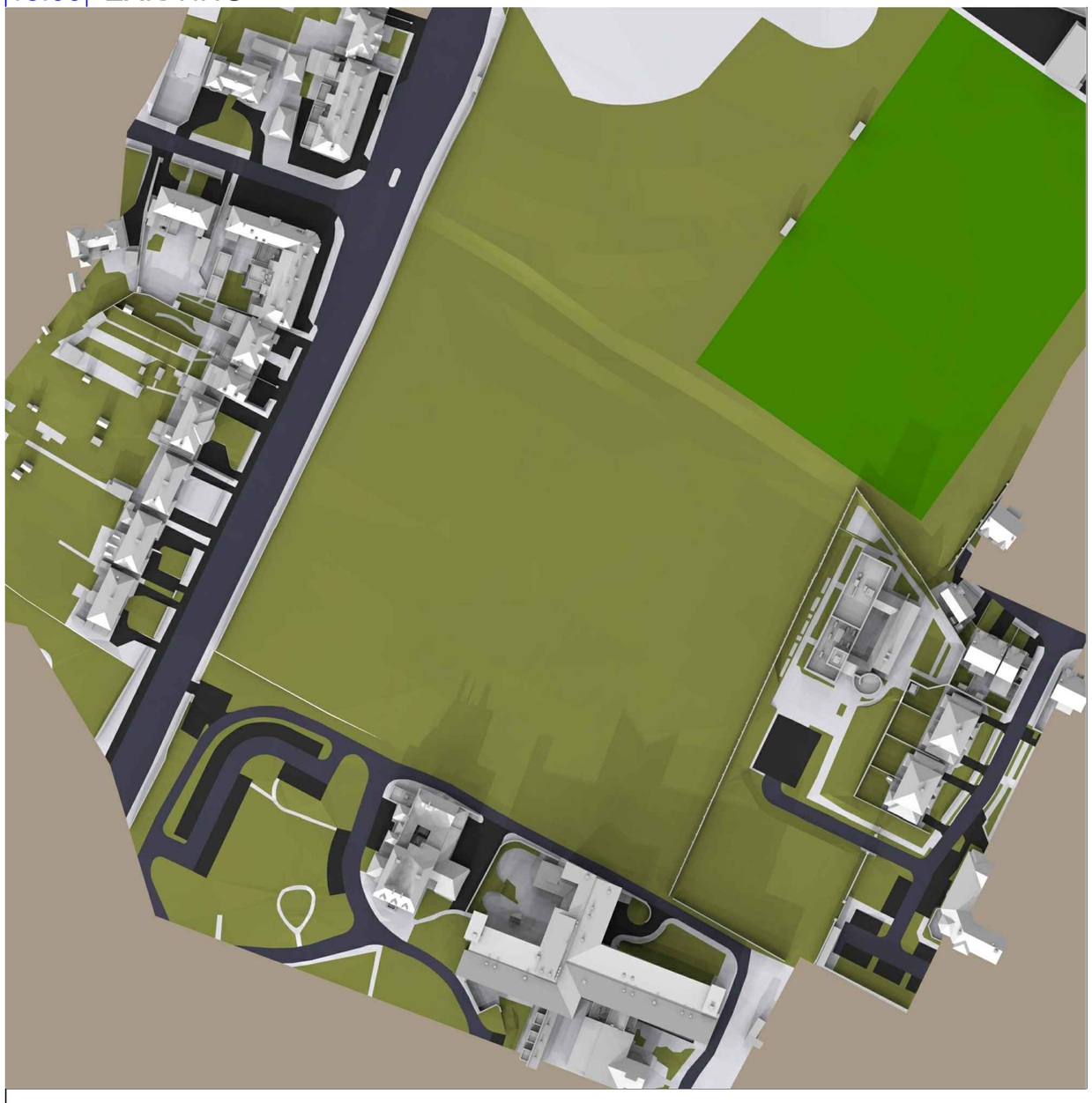
Project No.	Drawing No.	Revision
HA163_08	ROL_31	-

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N

13:00 EXISTING



13:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS DEC 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

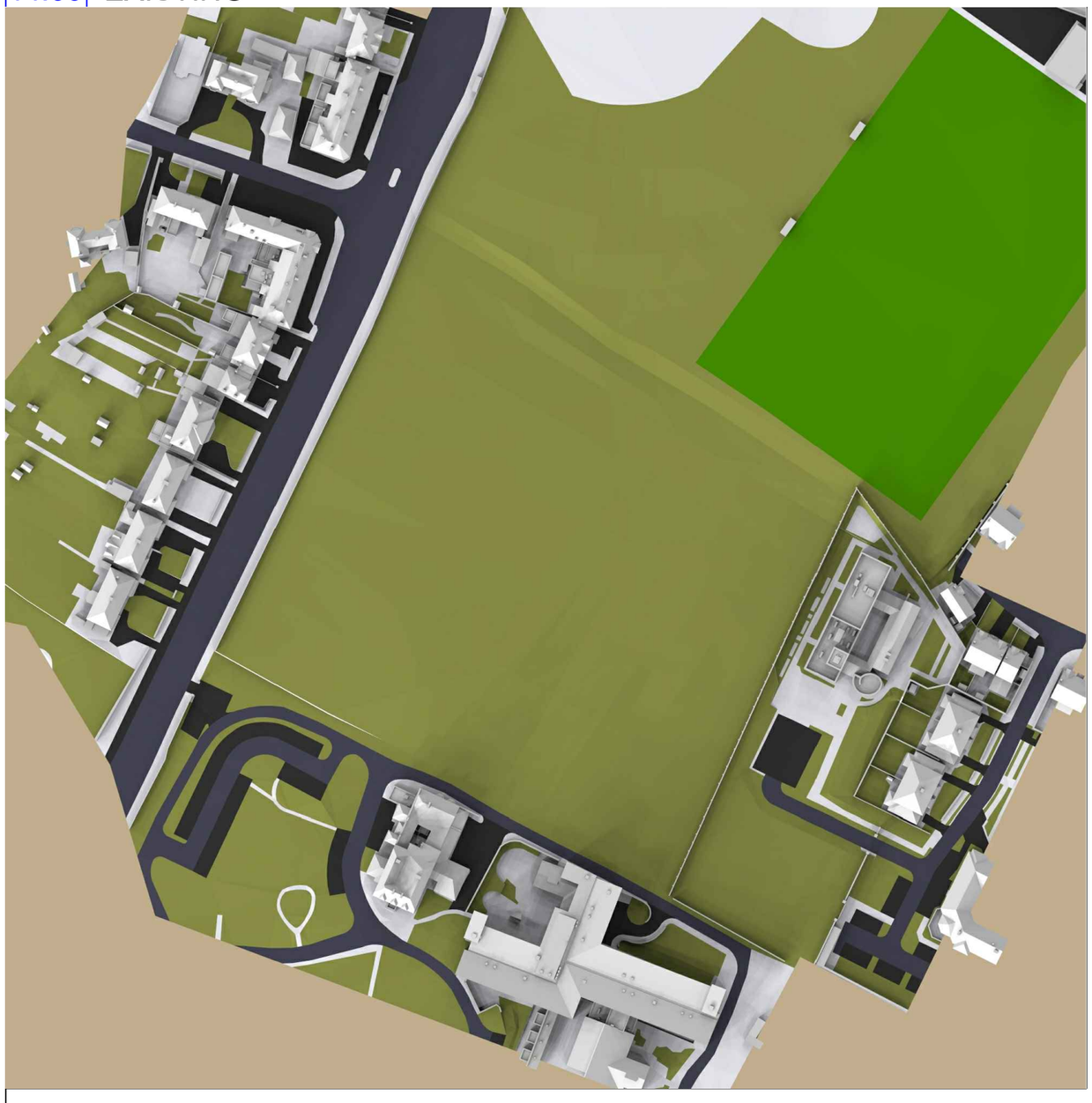
Project No.	Drawing No.	Revision
HA163_08	ROL_32	-

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N

14:00 EXISTING



14:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	14. 2D INFO 02 FEB 2021 Architects Plans and elevation dwgs	N/A

Project Name
Hartfield Place, Dublin

Drawing Title
TRANSIENT SHADOW ANALYSIS DEC 21
EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

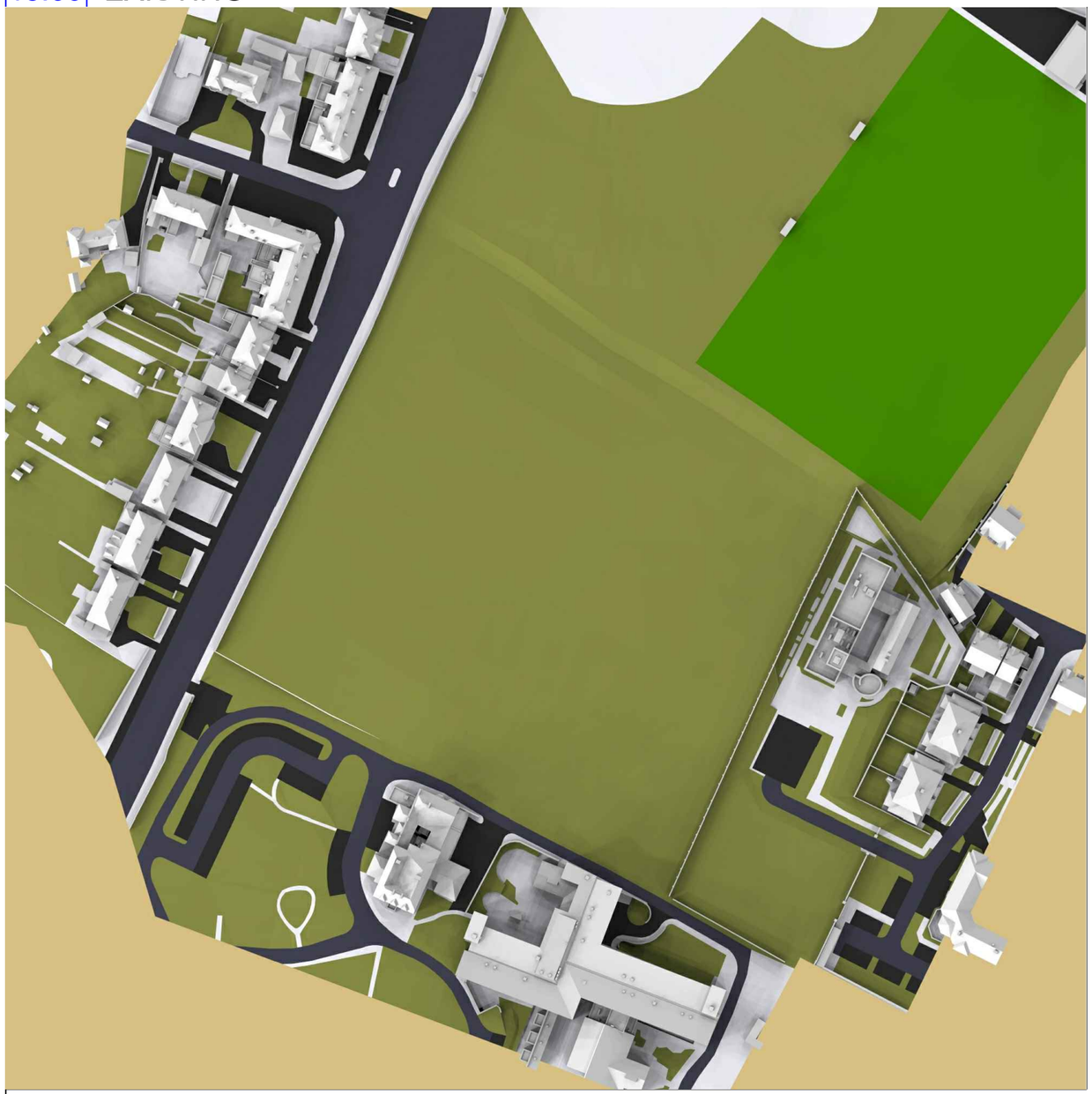
Project No.	Drawing No.	Revision
HA163_08	ROL_33	-

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N

15:00 EXISTING



15:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

TRANSIENT SHADOW ANALYSIS DEC 21

EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

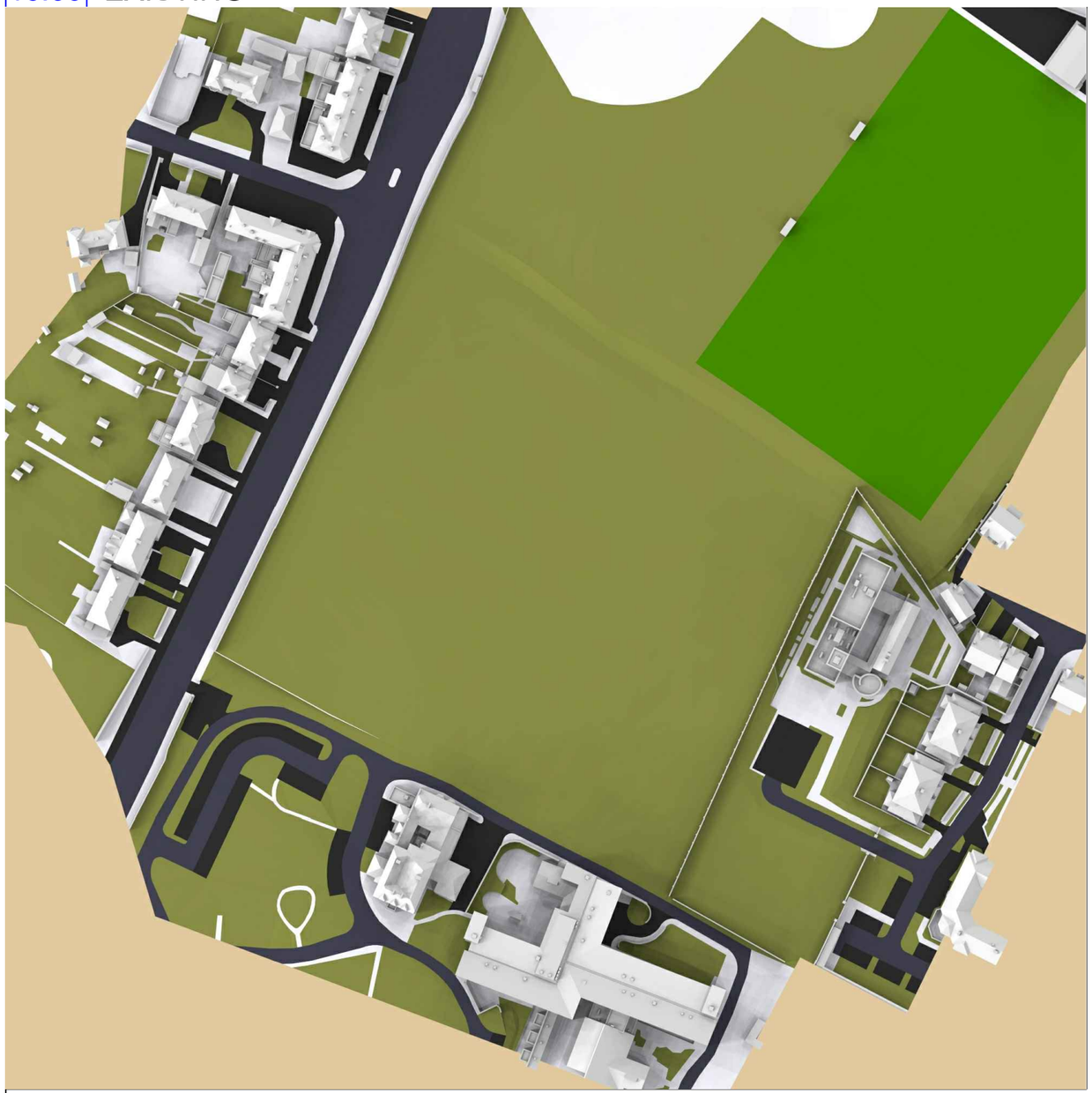
Project No.	Drawing No.	Revision
HA163_08	ROL_34	-

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N

16:00 EXISTING



16:00 PROPOSED



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

TRANSIENT SHADOW ANALYSIS DEC 21

EXISTING V PROPOSED

Drawn By	Scale @ A3	Date
CC	-	14 Feb 2022

Project No.	Drawing No.	Revision
HA163_08	ROL_35	-

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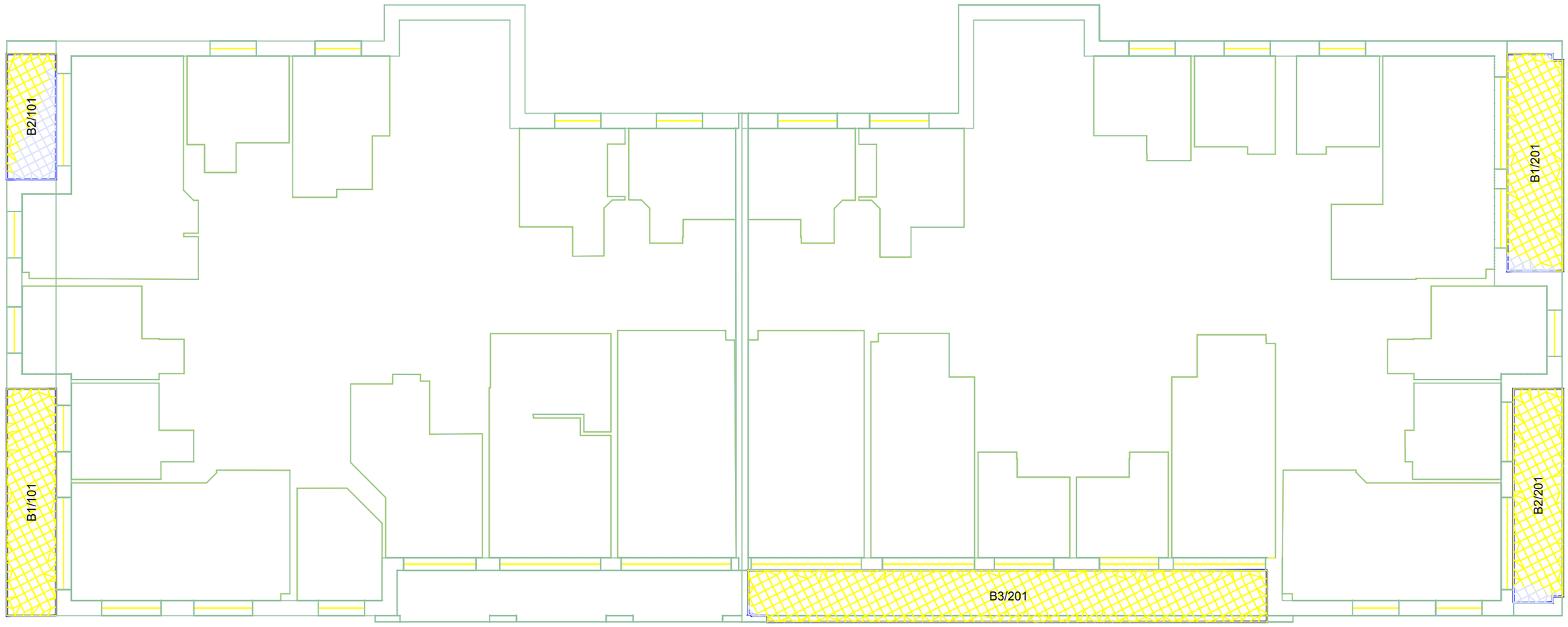
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Appendix VIII

Overshadowing (Balconies Proposed Scheme)

B1/101	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	13.10m2	100.00%
B2/101	0.00 - 120.00 mins:	3.50m2	48.39%
	Area over 120.00 mins	3.73m2	51.61%

B1/201	0.00 - 120.00 mins:	0.52m2	3.70%
	Area over 120.00 mins	13.65m2	96.30%
B2/201	0.00 - 120.00 mins:	0.68m2	5.55%
	Area over 120.00 mins	11.63m2	94.45%
B3/201	0.00 - 120.00 mins:	0.13m2	0.42%
	Area over 120.00 mins	31.11m2	99.58%



1ST FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK A

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

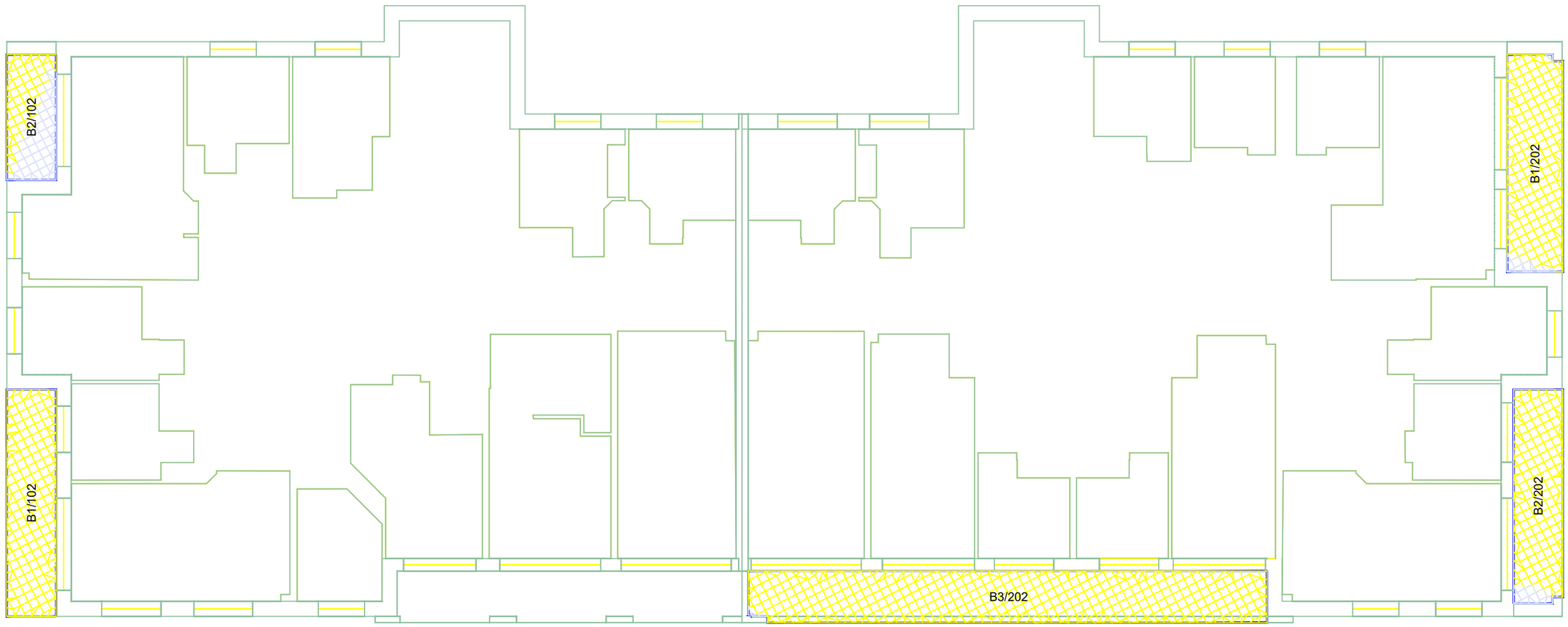
Project No.	Drawing No.	Revision
HA163_13	BRE_01	-

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B1/102	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	13.10m2	100.00%
B2/102	0.00 - 120.00 mins:	3.50m2	48.39%
	Area over 120.00 mins	3.73m2	51.61%

B1/202	0.00 - 120.00 mins:	0.52m2	3.70%
	Area over 120.00 mins	13.65m2	96.30%
B2/202	0.00 - 120.00 mins:	0.68m2	5.55%
	Area over 120.00 mins	11.63m2	94.45%
B3/202	0.00 - 120.00 mins:	0.13m2	0.42%
	Area over 120.00 mins	31.11m2	99.58%



2ND FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK A

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

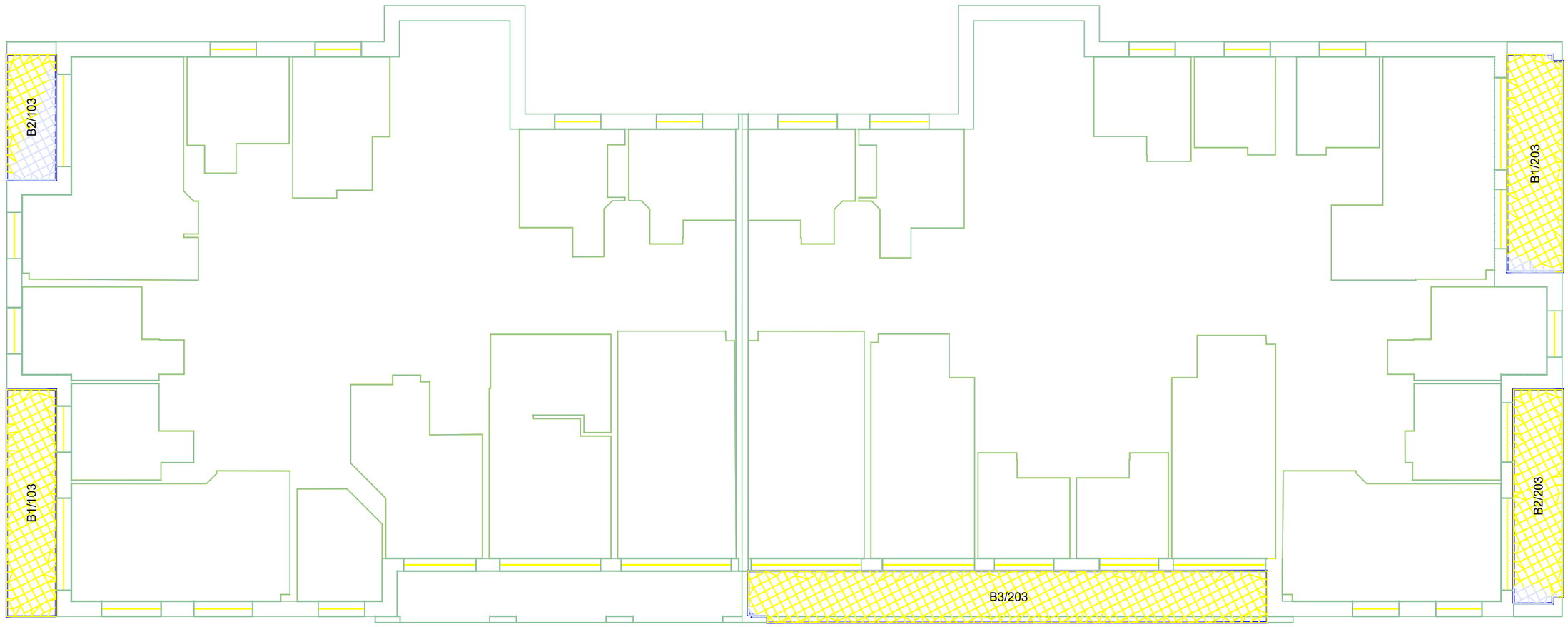
Project No.	Drawing No.	Revision
HA163_13	BRE_02	-

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B1/103	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	13.10m2	100.00%
B2/103	0.00 - 120.00 mins:	3.50m2	48.39%
	Area over 120.00 mins	3.73m2	51.61%

B1/203	0.00 - 120.00 mins:	0.52m2	3.70%
	Area over 120.00 mins	13.65m2	96.30%
B2/203	0.00 - 120.00 mins:	0.68m2	5.55%
	Area over 120.00 mins	11.63m2	94.45%
B3/203	0.00 - 120.00 mins:	0.13m2	0.42%
	Area over 120.00 mins	31.11m2	99.58%



3RD FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK A

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

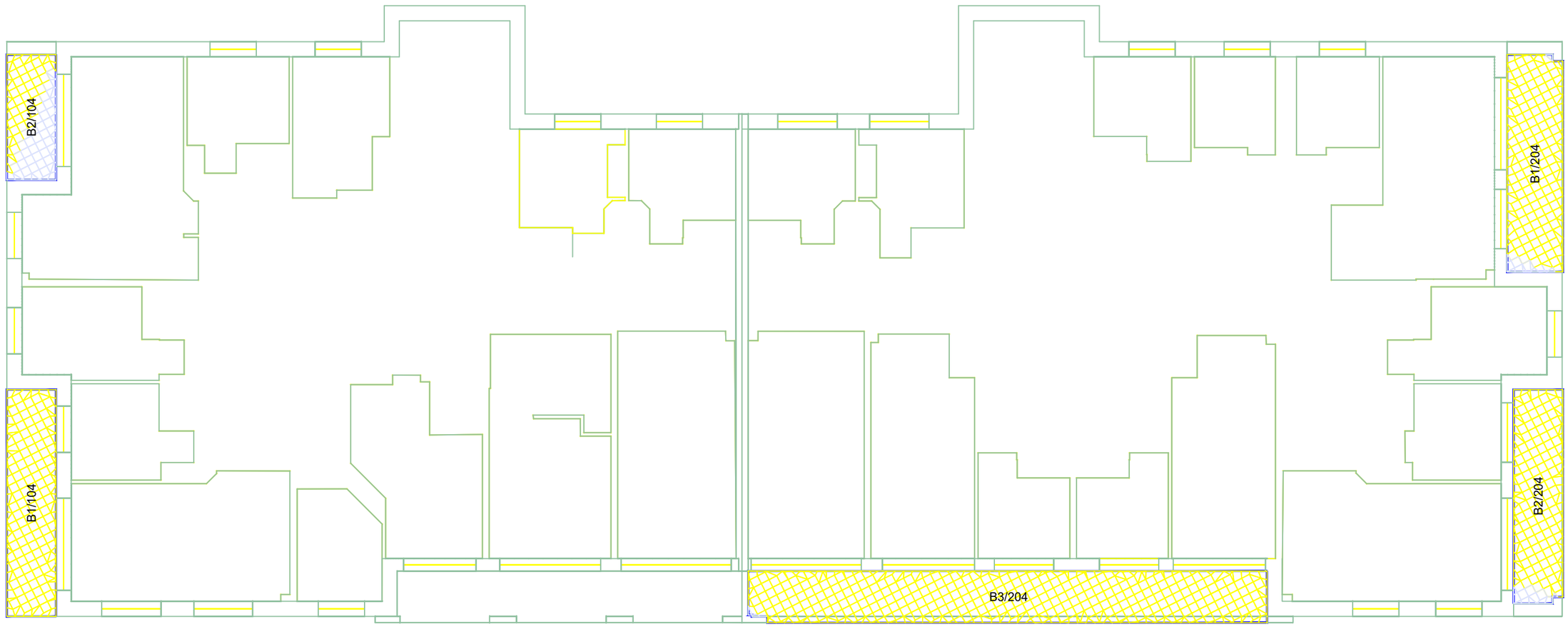
Project No.	Drawing No.	Revision
HA163_13	BRE_03	-

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B1/104	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	13.10m2	100.00%
B2/104	0.00 - 120.00 mins:	3.50m2	48.39%
	Area over 120.00 mins	3.73m2	51.61%

B1/204	0.00 - 120.00 mins:	0.52m2	3.70%
	Area over 120.00 mins	13.65m2	96.30%
B2/204	0.00 - 120.00 mins:	0.68m2	5.55%
	Area over 120.00 mins	11.63m2	94.45%
B3/204	0.00 - 120.00 mins:	0.13m2	0.42%
	Area over 120.00 mins	31.11m2	99.58%



4TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK A

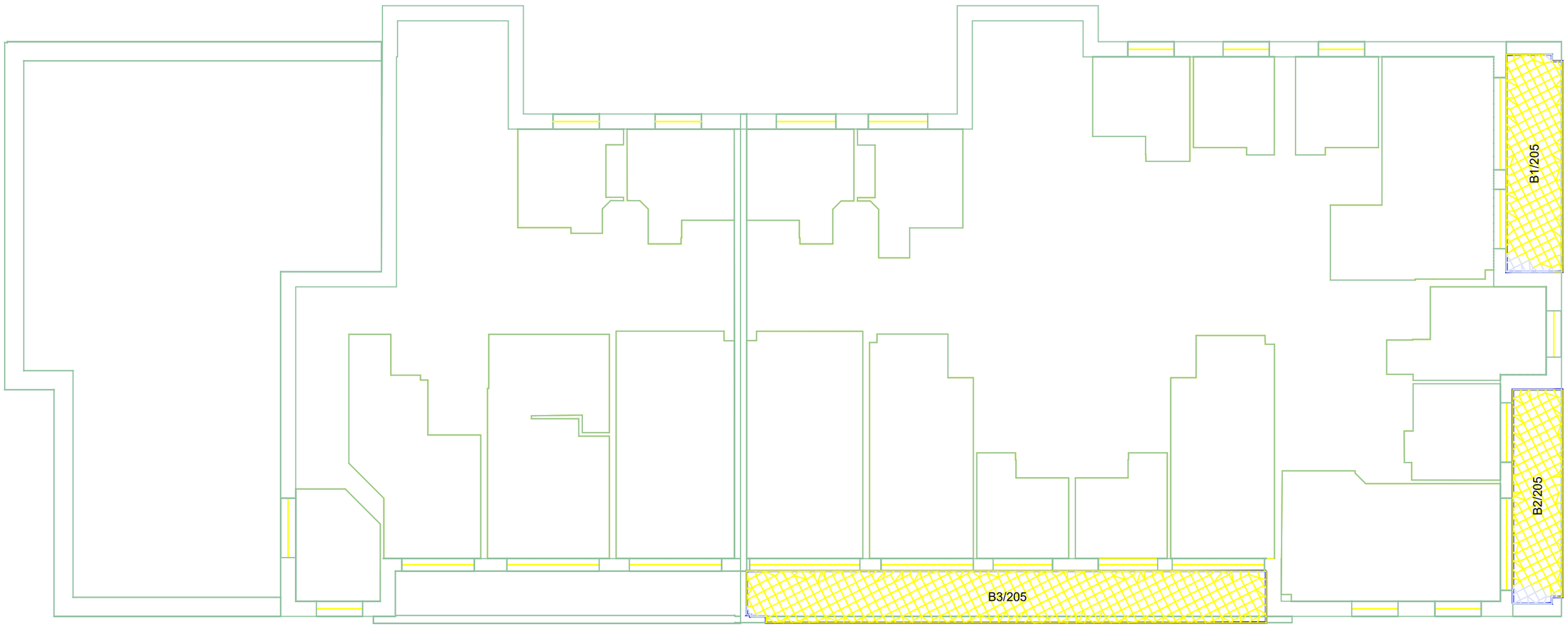
Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_04	-

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B1/205	0.00 - 120.00 mins:	0.52m2	3.70%
	Area over 120.00 mins	13.65m2	96.30%
B2/205	0.00 - 120.00 mins:	0.68m2	5.55%
	Area over 120.00 mins	11.63m2	94.45%
B3/205	0.00 - 120.00 mins:	0.13m2	0.42%
	Area over 120.00 mins	31.11m2	99.58%



5TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK A

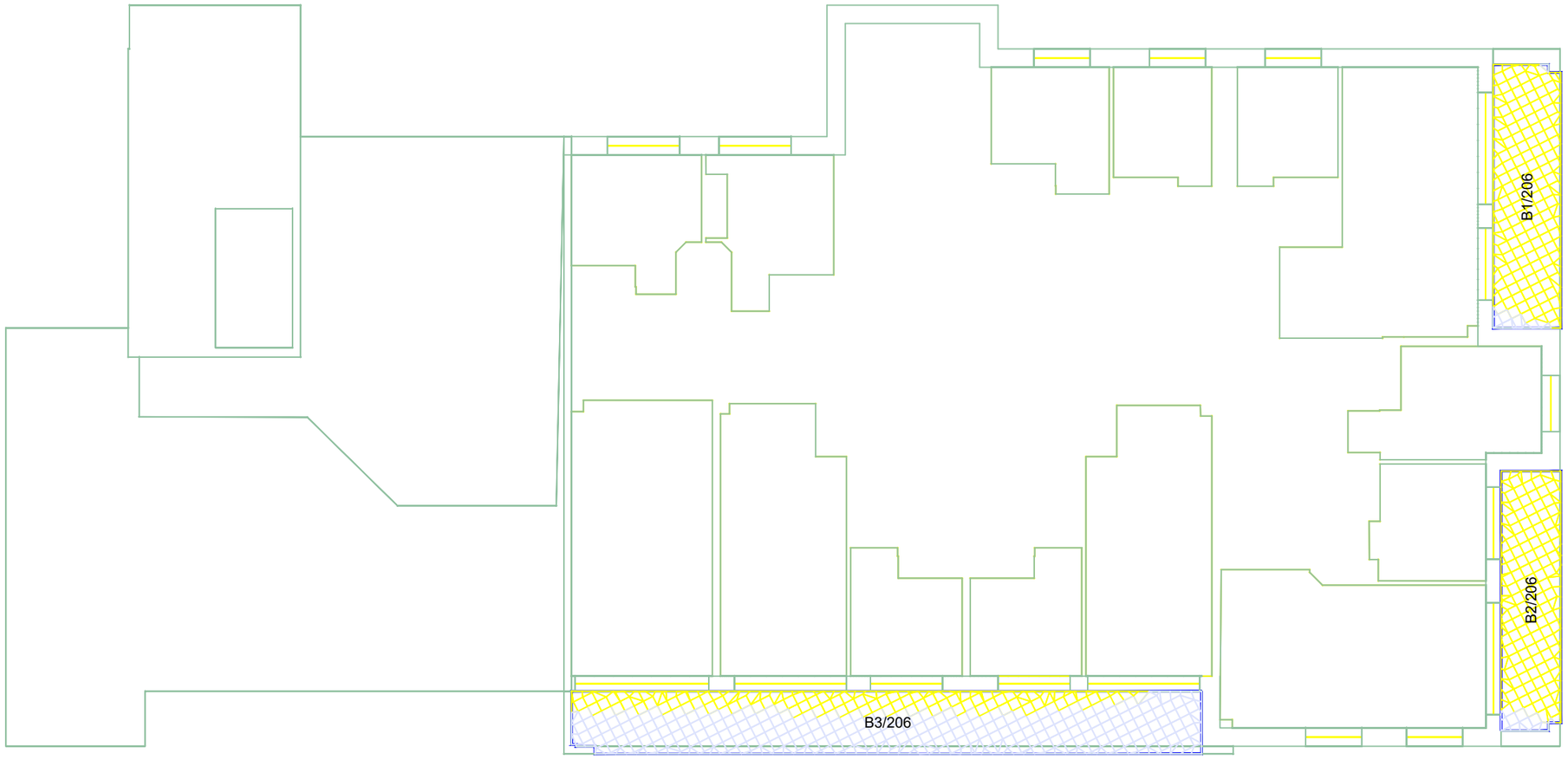
Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_05	-

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B1/206	0.00 - 120.00 mins:	0.52m2	3.70%
	Area over 120.00 mins	13.65m2	96.30%
B2/206	0.00 - 120.00 mins:	0.68m2	5.55%
	Area over 120.00 mins	11.63m2	94.45%
B3/206	0.00 - 120.00 mins:	22.83m2	73.07%
	Area over 120.00 mins	8.41m2	26.93%



6TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK A

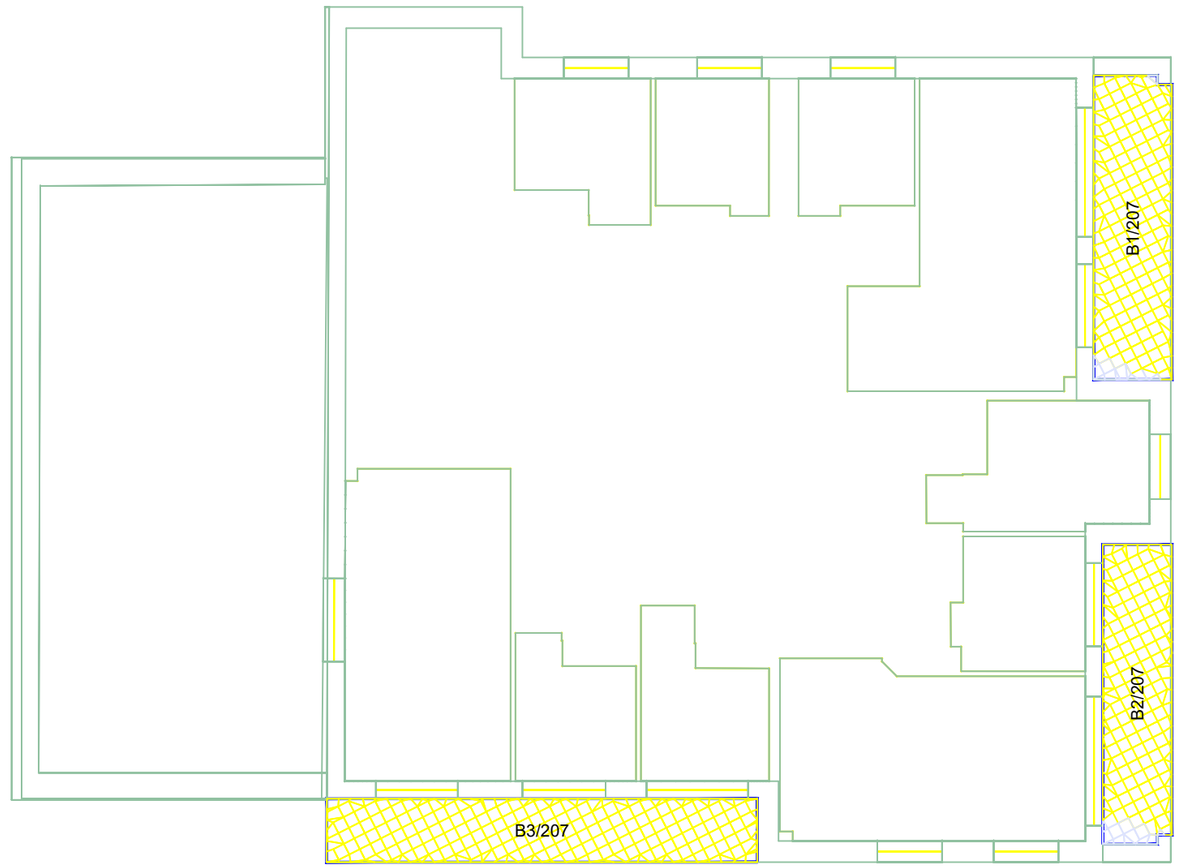
Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_06	-

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B1/201	0.00 - 120.00 mins:	0.52m2	3.70%
	Area over 120.00 mins	13.65m2	96.30%
B2/201	0.00 - 120.00 mins:	0.68m2	5.55%
	Area over 120.00 mins	11.63m2	94.45%
B3/201	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	16.33m2	100.00%



7TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

SHOG - 12 March 06:00 - 18:00

BLOCK A

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

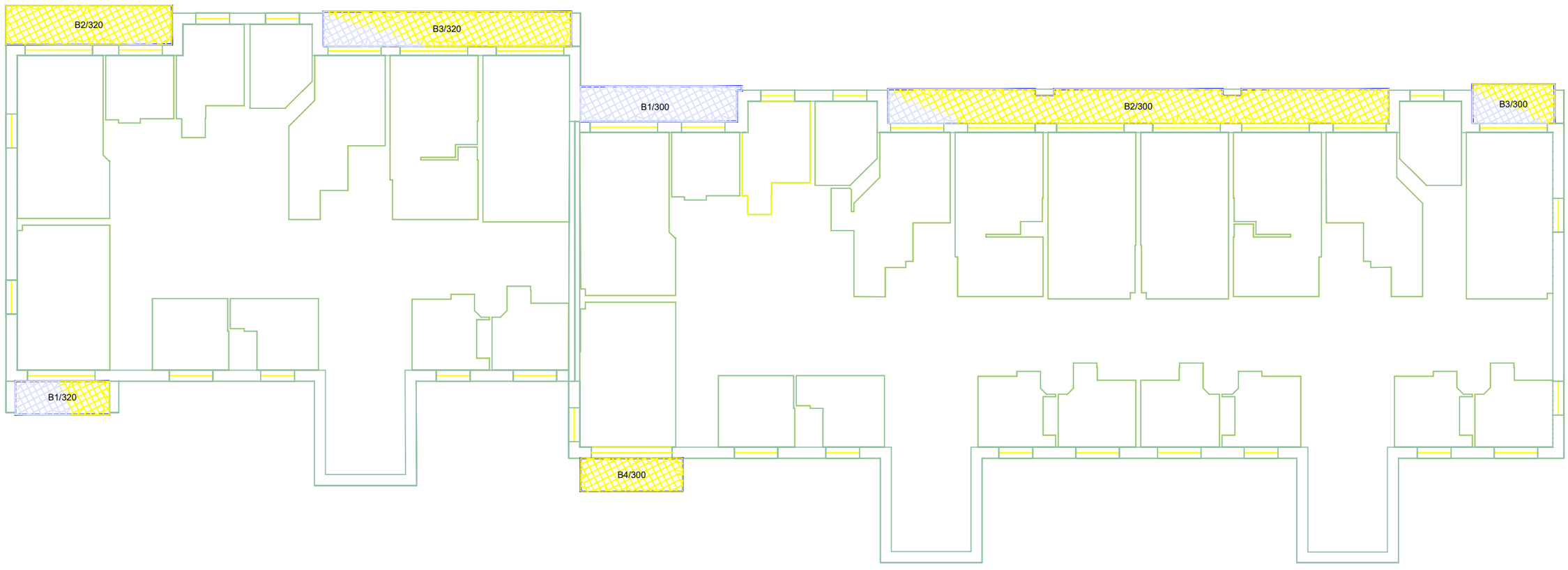
Project No.	Drawing No.	Revision
HA163_13	BRE_07	-

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B1/320	0.00 - 120.00 mins:	3.66m2	53.55%
	Area over 120.00 mins	3.17m2	46.45%
B2/320	0.00 - 120.00 mins:	0.05m2	0.38%
	Area over 120.00 mins	14.02m2	99.62%
B3/320	0.00 - 120.00 mins:	4.09m2	21.76%
	Area over 120.00 mins	14.02m2	78.24%

B1/300	0.00 - 120.00 mins:	12.07m2	100.00%
	Area over 120.00 mins	0.00m2	0.00%
B2/300	0.00 - 120.00 mins:	2.88m2	7.81%
	Area over 120.00 mins	34.03m2	92.19%
B3/300	0.00 - 120.00 mins:	2.90m2	41.54%
	Area over 120.00 mins	4.08m2	58.46%
B4/300	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.36m2	100.00%



GROUND FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK B

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

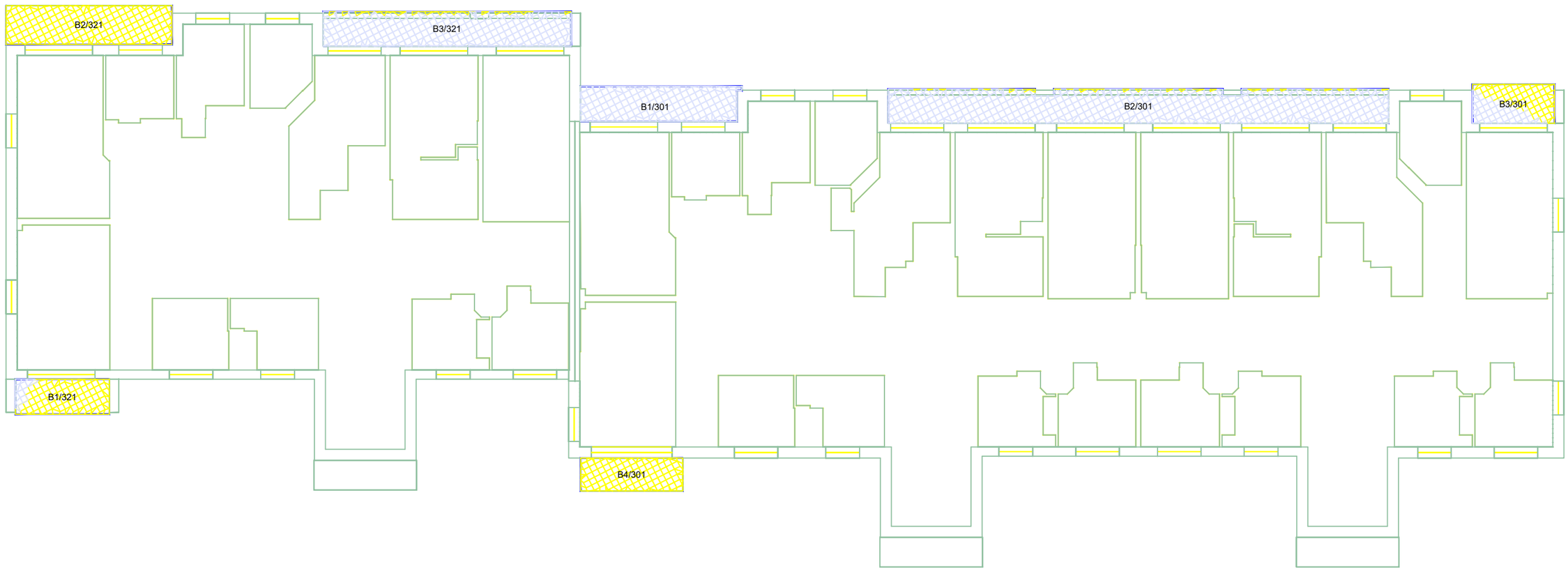
Project No.	Drawing No.	Revision
HA163_13	BRE_08	-

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B1/321	0.00 - 120.00 mins:	0.79m2	10.99%
	Area over 120.00 mins	6.42m2	89.01%
B2/321	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	14.07m2	100.00%
B3/321	0.00 - 120.00 mins:	18.27m2	97.07%
	Area over 120.00 mins	0.52m2	2.76%

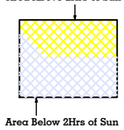
B1/301	0.00 - 120.00 mins:	12.07m2	100.00%
	Area over 120.00 mins	0.00m2	0.00%
B2/301	0.00 - 120.00 mins:	36.51m2	7.81%
	Area over 120.00 mins	0.40m2	98.91%
B3/301	0.00 - 120.00 mins:	2.90m2	41.54%
	Area over 120.00 mins	4.08m2	58.46%
B4/301	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.36m2	100.00%



1ST FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK B

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

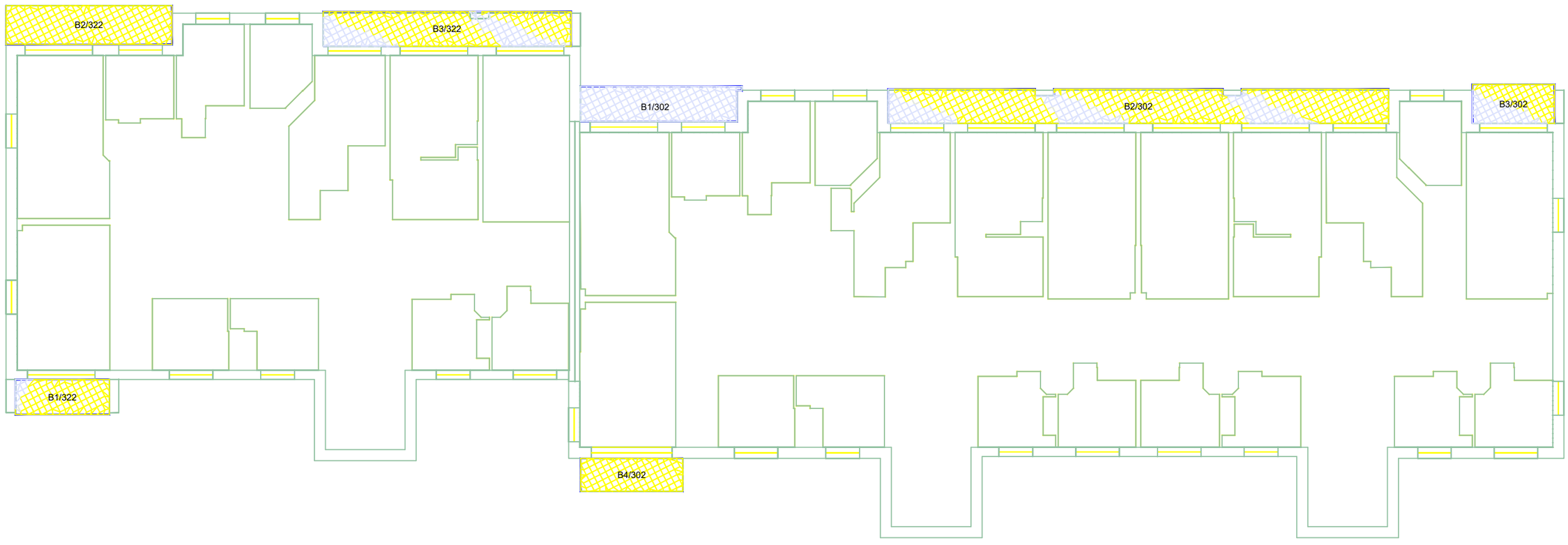
Project No.	Drawing No.	Revision
HA163_13	BRE_09	-

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B1/322	0.00 - 120.00 mins:	0.67m2	9.22%
	Area over 120.00 mins	6.55m2	90.78%
B2/322	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	14.07m2	100.00%
B3/322	0.00 - 120.00 mins:	6.06m2	32.23%
	Area over 120.00 mins	12.73m2	67.77%

B1/302	0.00 - 120.00 mins:	12.07m2	100.00%
	Area over 120.00 mins	0.00m2	0.00%
B2/302	0.00 - 120.00 mins:	9.14m2	24.76%
	Area over 120.00 mins	27.77m2	75.24%
B3/302	0.00 - 120.00 mins:	2.90m2	41.54%
	Area over 120.00 mins	4.08m2	58.46%
B4/302	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.36m2	100.00%



2ND FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name: Hartfield Place, Dublin

Drawing Title: SHOG - 12 March 06:00 - 18:00

BLOCK B

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

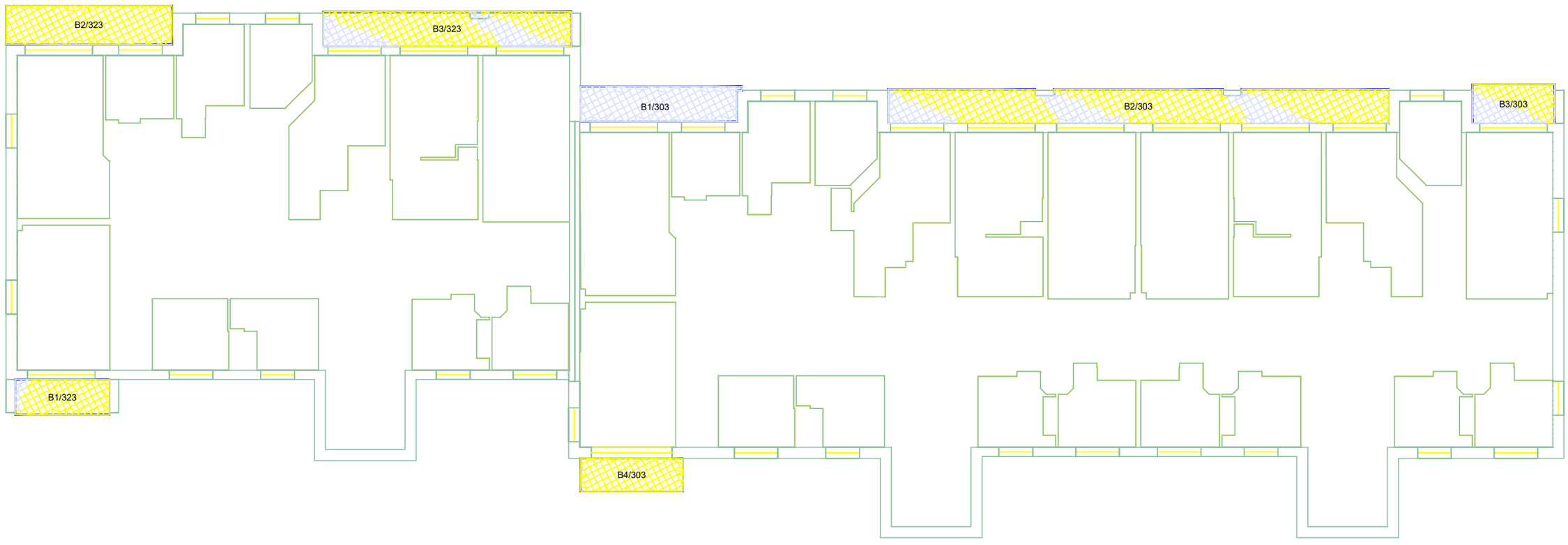
Project No.	Drawing No.	Revision
HA163_13	BRE_10	-

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B1/323	0.00 - 120.00 mins:	0.51m2	7.08%
	Area over 120.00 mins	6.70m2	92.92%
B2/323	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	14.07m2	100.00%
B3/323	0.00 - 120.00 mins:	6.06m2	32.23%
	Area over 120.00 mins	12.73m2	67.77%

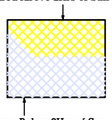
B1/303	0.00 - 120.00 mins:	12.07m2	100.00%
	Area over 120.00 mins	0.00m2	0.00%
B2/303	0.00 - 120.00 mins:	9.14m2	24.76%
	Area over 120.00 mins	27.77m2	75.24%
B3/303	0.00 - 120.00 mins:	2.90m2	41.54%
	Area over 120.00 mins	4.08m2	58.46%
B4/303	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.36m2	100.00%



3RD FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK B

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

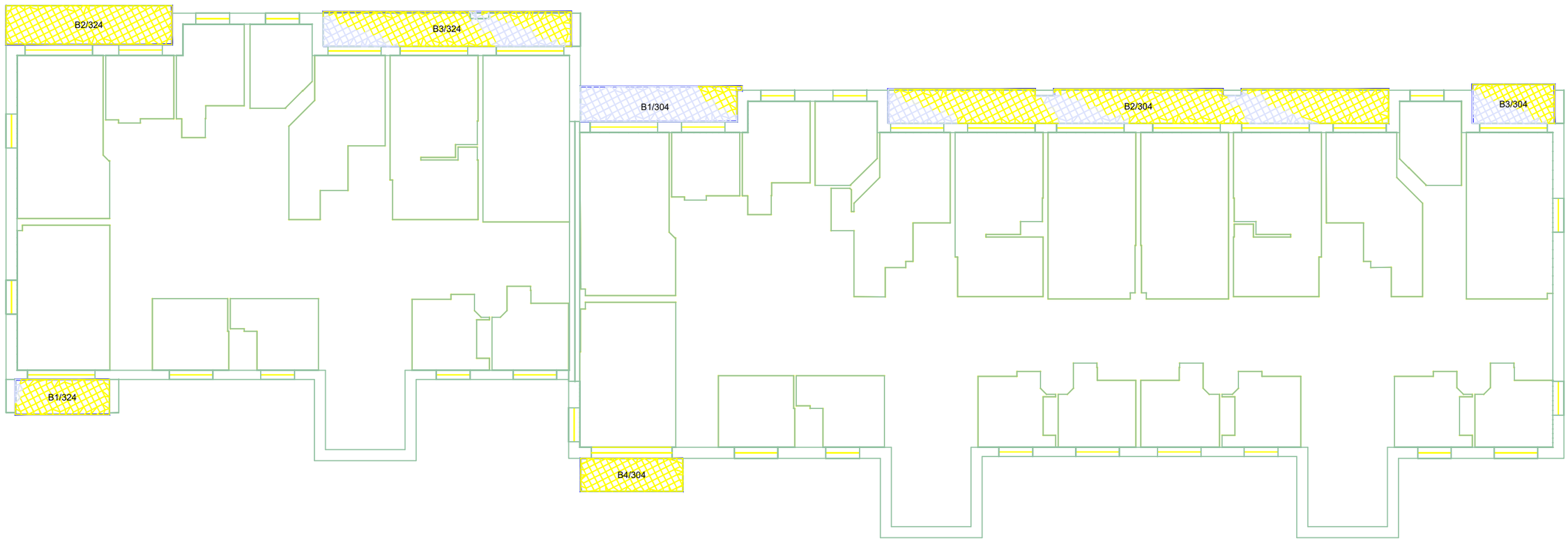
Project No.	Drawing No.	Revision
HA163_13	BRE_11	-

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B1/324	0.00 - 120.00 mins:	0.21m2	2.97%
	Area over 120.00 mins	7.00m2	97.03%
B2/324	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	14.07m2	100.00%
B3/324	0.00 - 120.00 mins:	6.19m2	32.92%
	Area over 120.00 mins	12.60m2	67.08%

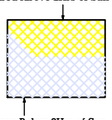
B1/304	0.00 - 120.00 mins:	10.49m2	86.92%
	Area over 120.00 mins	1.58m2	13.08%
B2/304	0.00 - 120.00 mins:	9.14m2	24.76%
	Area over 120.00 mins	27.77m2	75.24%
B3/304	0.00 - 120.00 mins:	2.90m2	41.54%
	Area over 120.00 mins	4.08m2	58.46%
B4/304	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.36m2	100.00%



4TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK B

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

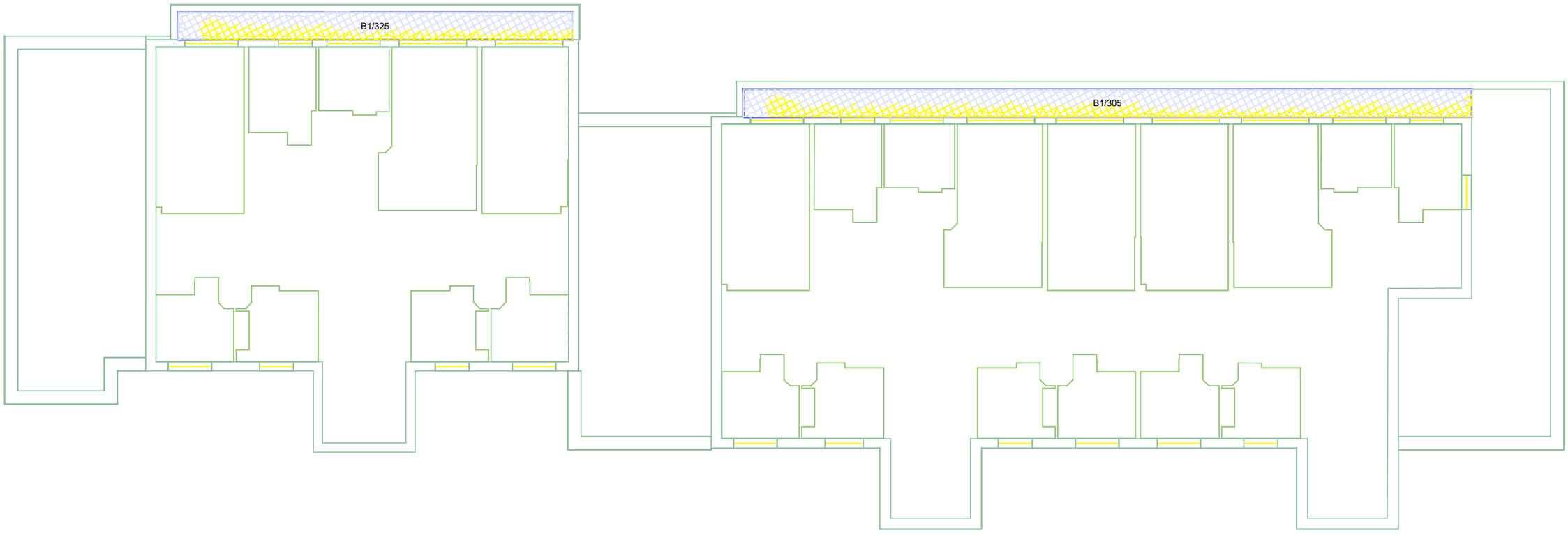
Project No.	Drawing No.	Revision
HA163_13	BRE_12	-

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B1/325	0.00 - 120.00 mins:	15.09m2	63.00%
	Area over 120.00 mins	8.86m2	37.00%

B1/305	0.00 - 120.00 mins:	27.33m2	61.78%
	Area over 120.00 mins	16.91m2	38.22%



5TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

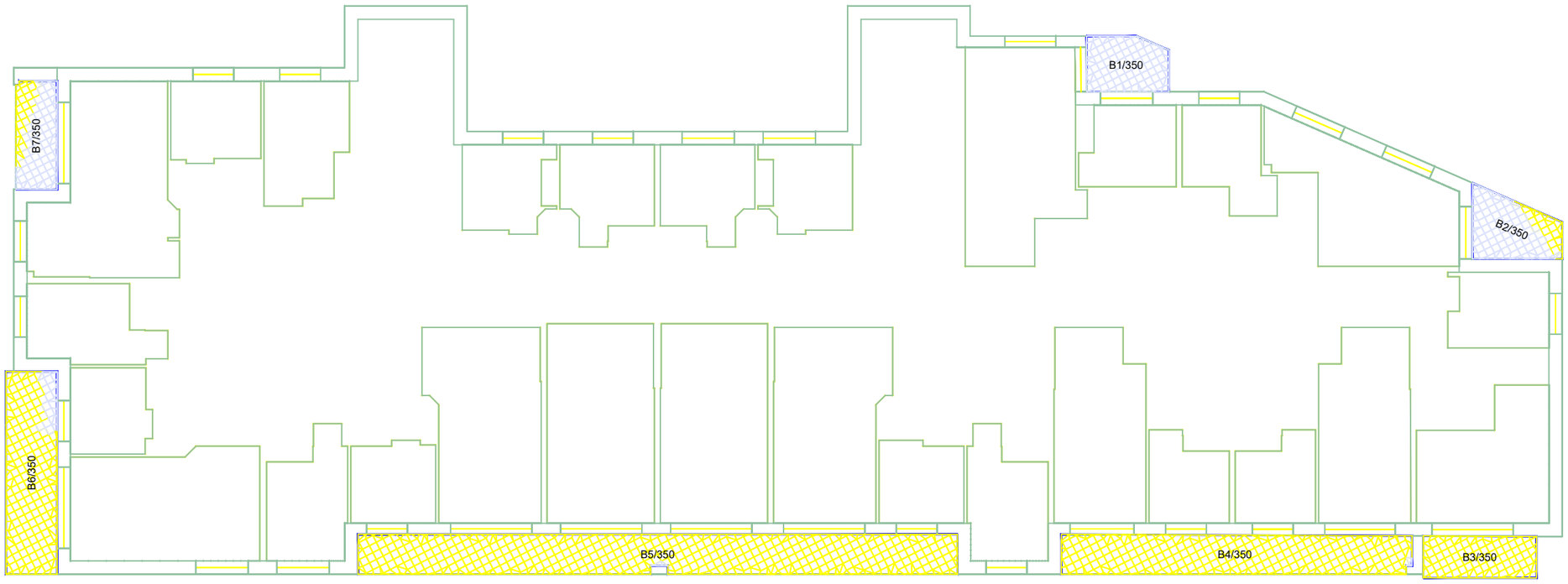
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK B

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_13	-

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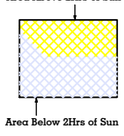
B1/350	0.00 - 120.00 mins:	6.55m2	100.00%
	Area over 120.00 mins	0.00m2	0.00%
B2/350	0.00 - 120.00 mins:	6.16m2	80.73%
	Area over 120.00 mins	1.47m2	19.27%
B3/350	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.12m2	100.00%
B4/350	0.00 - 120.00 mins:	0.05m2	0.26%
	Area over 120.00 mins	35.84m2	99.74%

B5/350	0.00 - 120.00 mins:	0.06m2	0.16%
	Area over 120.00 mins	35.84m2	99.84%
B6/350	0.00 - 120.00 mins:	1.44m2	9.18%
	Area over 120.00 mins	14.24m2	90.82%
B7/350	0.00 - 120.00 mins:	5.05m2	75.18%
	Area over 120.00 mins	1.67m2	24.82%

GROUND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

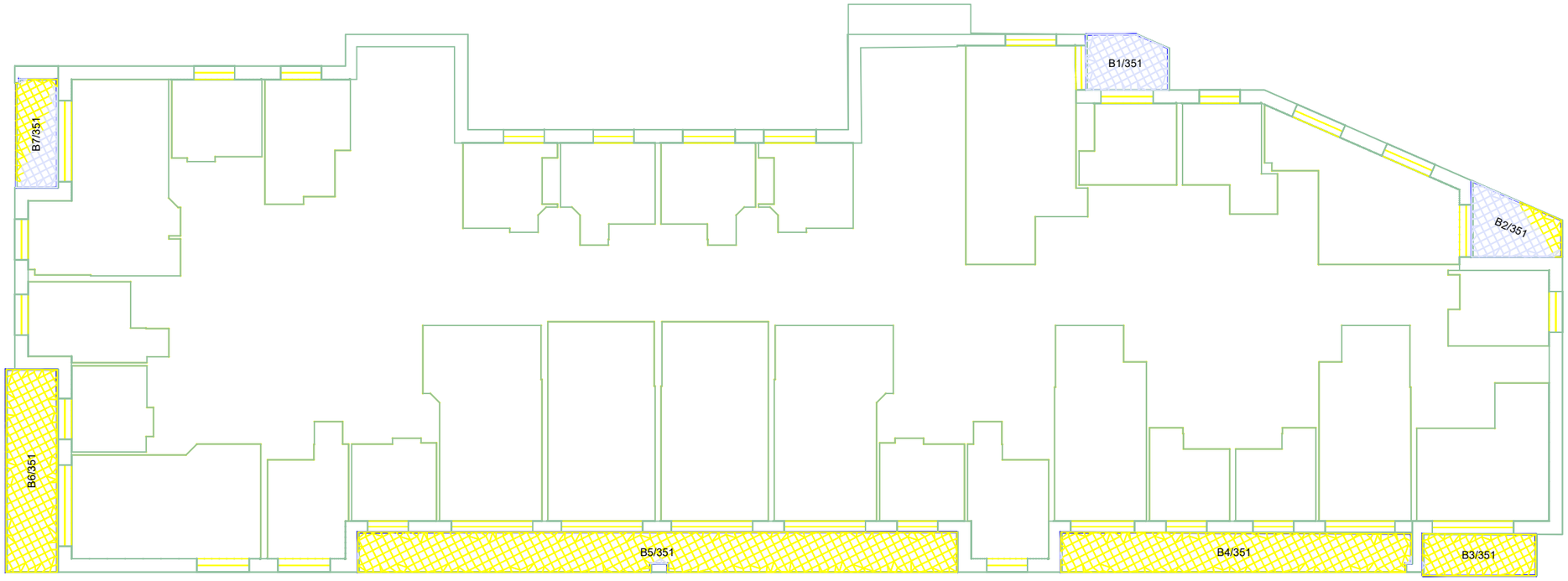
Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_13	BRE_14	-

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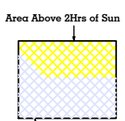
B1/351	0.00 - 120.00 mins:	6.55m2	100.00%
	Area over 120.00 mins	0.00m2	0.00%
B2/351	0.00 - 120.00 mins:	6.20m2	81.26%
	Area over 120.00 mins	1.43m2	18.74%
B3/351	0.00 - 120.00 mins:	0.01m2	0.20%
	Area over 120.00 mins	7.11m2	99.80%
B4/351	0.00 - 120.00 mins:	0.03m2	0.14%
	Area over 120.00 mins	20.60m2	99.86%

B5/351	0.00 - 120.00 mins:	0.06m2	0.18%
	Area over 120.00 mins	35.83m2	99.82%
B6/351	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	15.67m2	100.00%
B7/351	0.00 - 120.00 mins:	3.31m2	49.21%
	Area over 120.00 mins	3.41m2	50.79%

1ST FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

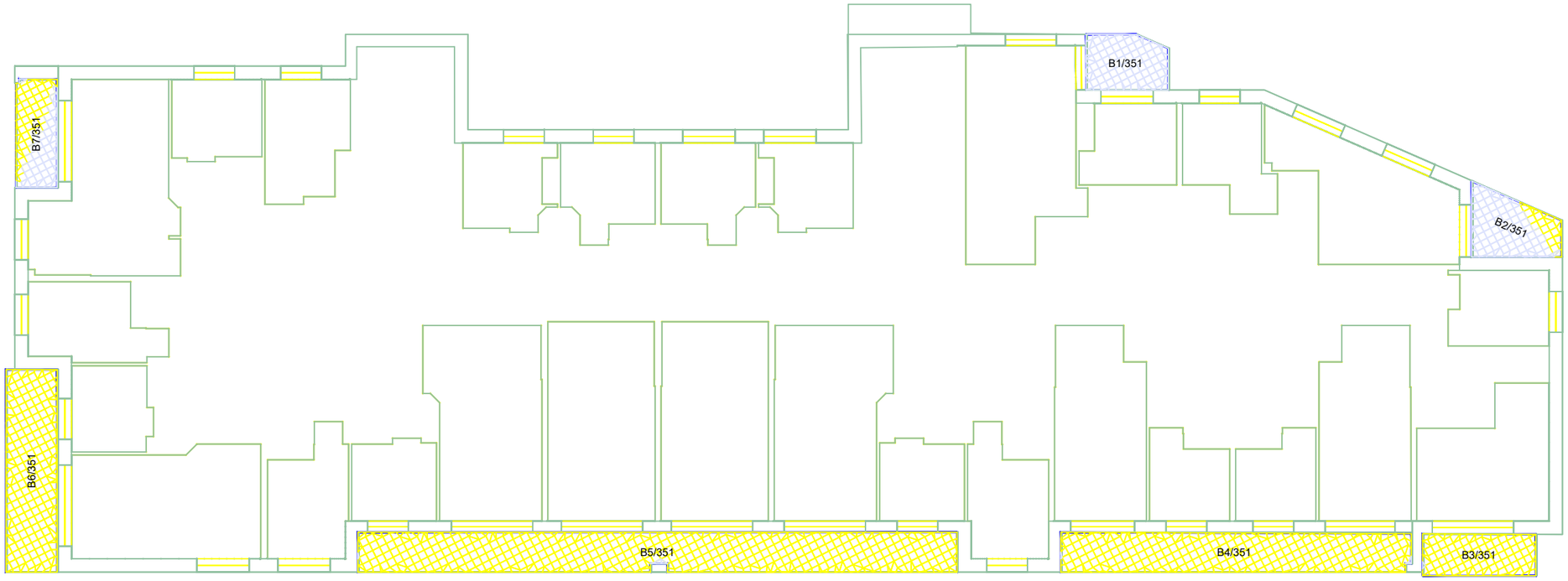
Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_13	BRE_15	-

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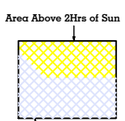
B1/352	0.00 - 120.00 mins:	6.55m2	100.00%
	Area over 120.00 mins	0.00m2	0.00%
B2/352	0.00 - 120.00 mins:	6.20m2	81.26%
	Area over 120.00 mins	1.43m2	18.74%
B3/352	0.00 - 120.00 mins:	0.01m2	0.20%
	Area over 120.00 mins	7.11m2	99.86%
B4/352	0.00 - 120.00 mins:	0.03m2	0.14%
	Area over 120.00 mins	20.60m2	99.82%

B5/352	0.00 - 120.00 mins:	0.06m2	0.18%
	Area over 120.00 mins	35.83m2	99.82%
B6/352	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	15.67m2	100.00%
B7/352	0.00 - 120.00 mins:	3.31m2	49.21%
	Area over 120.00 mins	3.41m2	50.79%

2ND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

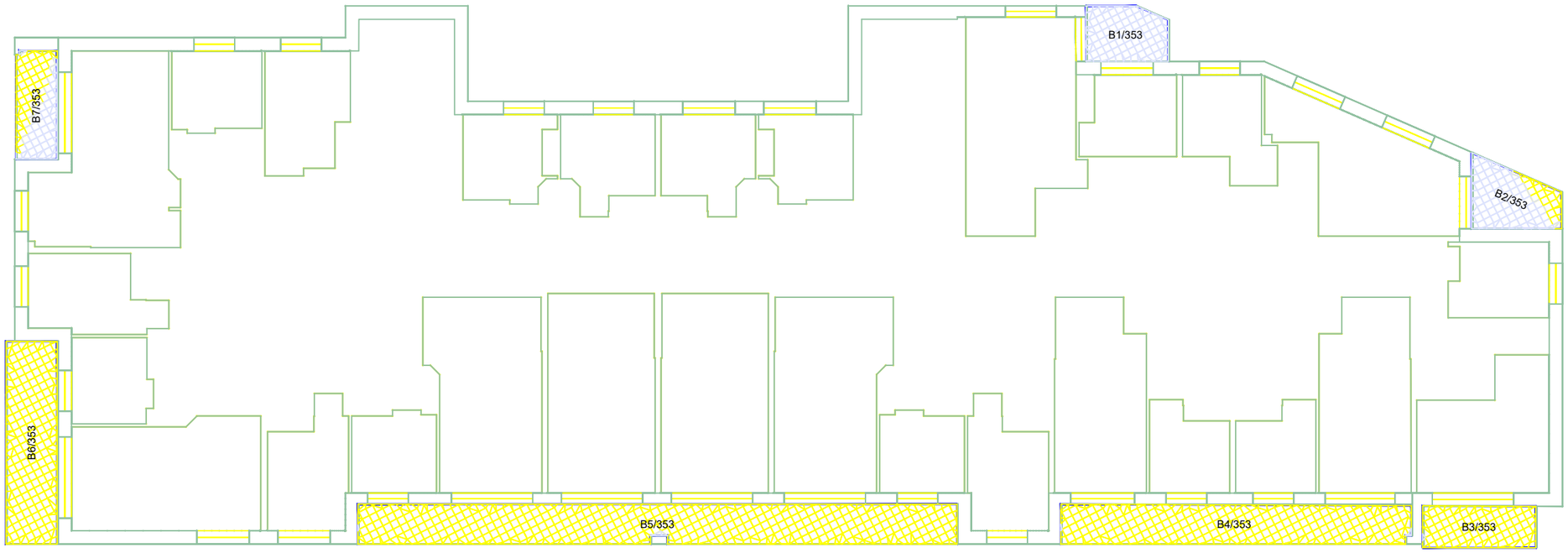
Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_13	BRE_16	-

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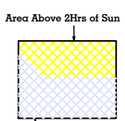
B1/353	0.00 - 120.00 mins:	6.55m2	100.00%
	Area over 120.00 mins	0.00m2	0.00%
B2/353	0.00 - 120.00 mins:	6.16m2	80.73%
	Area over 120.00 mins	1.47m2	19.27%
B3/353	0.00 - 120.00 mins:	0.01m2	0.20%
	Area over 120.00 mins	7.11m2	99.80%
B4/353	0.00 - 120.00 mins:	0.03m2	0.14%
	Area over 120.00 mins	20.60m2	99.86%

B5/353	0.00 - 120.00 mins:	0.06m2	0.18%
	Area over 120.00 mins	35.83m2	99.82%
B6/353	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	15.67m2	100.00%
B7/353	0.00 - 120.00 mins:	3.31m2	49.21%
	Area over 120.00 mins	3.41m2	50.79%

3RD FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

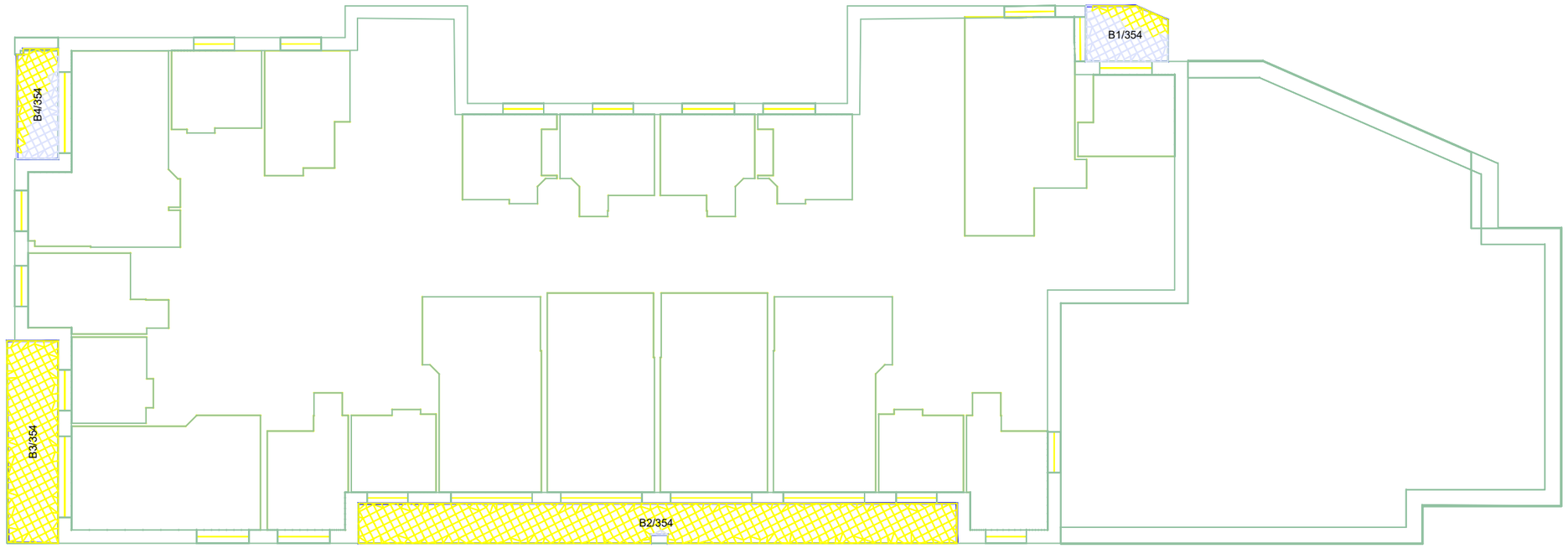
Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_13	BRE_17	-

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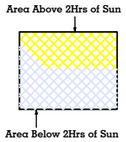
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B1/354	0.00 - 120.00 mins:	4.86m2	73.99%
	Area over 120.00 mins	1.71m2	26.01%
B2/354	0.00 - 120.00 mins:	0.06m2	0.16%
	Area over 120.00 mins	35.84m2	99.84%
B3/354	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	15.48m2	100.00%
B4/354	0.00 - 120.00 mins:	3.35m2	49.18%
	Area over 120.00 mins	3.46m2	50.82%

4TH FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

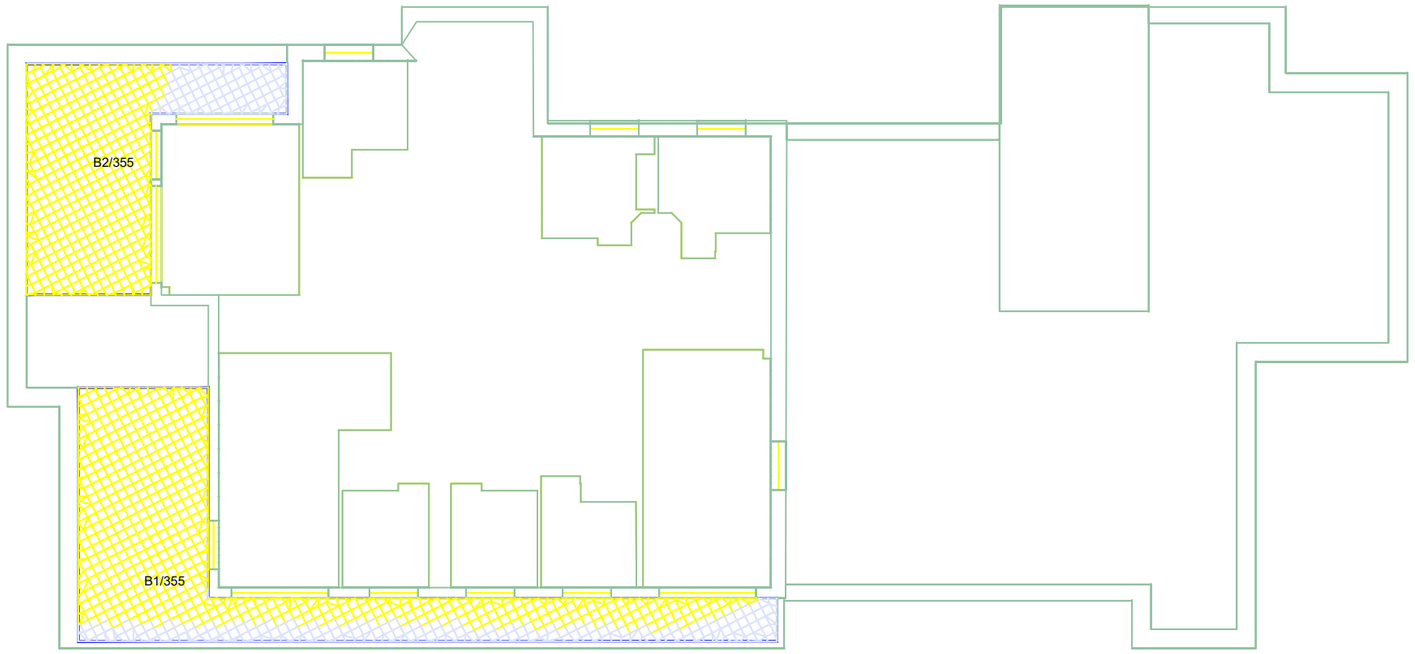
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_18	-

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B1/355	0.00 - 120.00 mins:	14.00m2	22.90%
	Area over 120.00 mins	47.16m2	77.10%
B2/355	0.00 - 120.00 mins:	6.58m2	17.44%
	Area over 120.00 mins	31.14m2	82.56%

5TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_19	-

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

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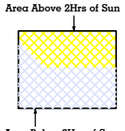
B1/360	0.00 - 120.00 mins:	3.74m2	52.12%
	Area over 120.00 mins	3.44m2	47.88%
B2/360	0.00 - 120.00 mins:	2.48m2	22.84%
	Area over 120.00 mins	8.38m2	77.16%
B3/360	0.00 - 120.00 mins:	1.92m2	18.93%
	Area over 120.00 mins	8.21m2	81.07%
B4/360	0.00 - 120.00 mins:	3.61m2	33.73%
	Area over 120.00 mins	7.10m2	66.27%

B5/360	0.00 - 120.00 mins:	2.40m2	29.91%
	Area over 120.00 mins	5.63m2	70.09%
B6/360	0.00 - 120.00 mins:	3.89m2	56.40%
	Area over 120.00 mins	3.00m2	43.60%
B7/360	0.00 - 120.00 mins:	2.32m2	20.79%
	Area over 120.00 mins	8.84m2	79.21%

GROUND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_20	-

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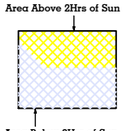
B1/361	0.00 - 120.00 mins:	2.83m2	39.47%
	Area over 120.00 mins	4.35m2	60.53%
B2/361	0.00 - 120.00 mins:	1.74m2	16.02%
	Area over 120.00 mins	9.12m2	83.98%
B3/361	0.00 - 120.00 mins:	1.74m2	17.19%
	Area over 120.00 mins	8.39m2	82.81%
B4/361	0.00 - 120.00 mins:	3.10m2	28.91%
	Area over 120.00 mins	7.62m2	71.09%

B5/361	0.00 - 120.00 mins:	2.05m2	25.52%
	Area over 120.00 mins	5.98m2	74.48%
B6/361	0.00 - 120.00 mins:	3.41m2	49.44%
	Area over 120.00 mins	3.48m2	50.56%
B7/361	0.00 - 120.00 mins:	1.56m2	13.98%
	Area over 120.00 mins	9.60m2	86.02%

1ST FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_21	-

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B1/362	0.00 - 120.00 mins:	2.23m2	31.05%
	Area over 120.00 mins	4.95m2	68.95%
B2/362	0.00 - 120.00 mins:	1.41m2	12.95%
	Area over 120.00 mins	9.46m2	87.05%
B3/362	0.00 - 120.00 mins:	1.74m2	17.19%
	Area over 120.00 mins	8.39m2	82.81%
B4/362	0.00 - 120.00 mins:	2.59m2	24.20%
	Area over 120.00 mins	8.12m2	75.80%

B5/362	0.00 - 120.00 mins:	1.76m2	21.88%
	Area over 120.00 mins	6.27m2	78.12%
B6/362	0.00 - 120.00 mins:	3.22m2	46.79%
	Area over 120.00 mins	3.67m2	53.21%
B7/362	0.00 - 120.00 mins:	1.34m2	12.04%
	Area over 120.00 mins	9.82m2	87.96%

2ND FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_22	-

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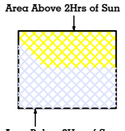
B1/363	0.00 - 120.00 mins:	2.09m2	29.15%
	Area over 120.00 mins	5.09m2	70.85%
B2/363	0.00 - 120.00 mins:	1.07m2	9.85%
	Area over 120.00 mins	9.80m2	90.15%
B3/363	0.00 - 120.00 mins:	1.40m2	13.79%
	Area over 120.00 mins	8.73m2	86.21%
B4/363	0.00 - 120.00 mins:	2.14m2	20.00%
	Area over 120.00 mins	8.57m2	80.00%

B5/363	0.00 - 120.00 mins:	1.55m2	19.27%
	Area over 120.00 mins	6.48m2	80.73%
B6/363	0.00 - 120.00 mins:	3.22m2	46.79%
	Area over 120.00 mins	3.67m2	53.21%
B7/363	0.00 - 120.00 mins:	1.34m2	12.04%
	Area over 120.00 mins	9.82m2	87.96%

3RD FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_23	-

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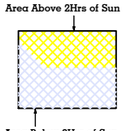
B1/364	0.00 - 120.00 mins:	2.09m2	29.15%
	Area over 120.00 mins	5.09m2	70.85%
B2/364	0.00 - 120.00 mins:	1.07m2	9.85%
	Area over 120.00 mins	9.80m2	90.15%
B3/364	0.00 - 120.00 mins:	1.18m2	11.68%
	Area over 120.00 mins	8.95m2	88.32%
B4/364	0.00 - 120.00 mins:	2.11m2	19.67%
	Area over 120.00 mins	8.61m2	80.72%

B5/364	0.00 - 120.00 mins:	1.47m2	18.28%
	Area over 120.00 mins	6.56m2	81.72%
B6/364	0.00 - 120.00 mins:	3.22m2	46.79%
	Area over 120.00 mins	3.67m2	53.21%
B7/364	0.00 - 120.00 mins:	1.34m2	12.04%
	Area over 120.00 mins	9.82m2	87.96%

4TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_24	-

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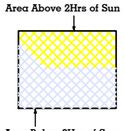
B1/365	0.00 - 120.00 mins:	2.09m2	29.15%
	Area over 120.00 mins	5.09m2	70.85%
B2/365	0.00 - 120.00 mins:	1.07m2	9.85%
	Area over 120.00 mins	9.80m2	90.15%
B3/365	0.00 - 120.00 mins:	1.18m2	11.68%
	Area over 120.00 mins	8.95m2	88.32%
B4/365	0.00 - 120.00 mins:	2.11m2	19.67%
	Area over 120.00 mins	8.61m2	80.72%

B5/365	0.00 - 120.00 mins:	1.11m2	13.81%
	Area over 120.00 mins	6.96m2	86.19%
B6/365	0.00 - 120.00 mins:	3.22m2	46.79%
	Area over 120.00 mins	3.67m2	53.21%
B7/365	0.00 - 120.00 mins:	1.34m2	12.04%
	Area over 120.00 mins	9.82m2	87.96%

5TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_25	-

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B1/366	0.00 - 120.00 mins:	2.09m2	29.15%
	Area over 120.00 mins	5.09m2	70.85%
B2/366	0.00 - 120.00 mins:	1.07m2	9.85%
	Area over 120.00 mins	9.80m2	90.15%
B3/366	0.00 - 120.00 mins:	1.18m2	11.68%
	Area over 120.00 mins	8.95m2	88.32%
B4/366	0.00 - 120.00 mins:	2.19m2	20.41%
	Area over 120.00 mins	8.53m2	79.59%

B5/366	0.00 - 120.00 mins:	1.11m2	13.81%
	Area over 120.00 mins	6.96m2	86.19%
B6/366	0.00 - 120.00 mins:	3.22m2	46.79%
	Area over 120.00 mins	3.67m2	53.21%
B7/366	0.00 - 120.00 mins:	1.34m2	12.04%
	Area over 120.00 mins	9.82m2	87.96%

6TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

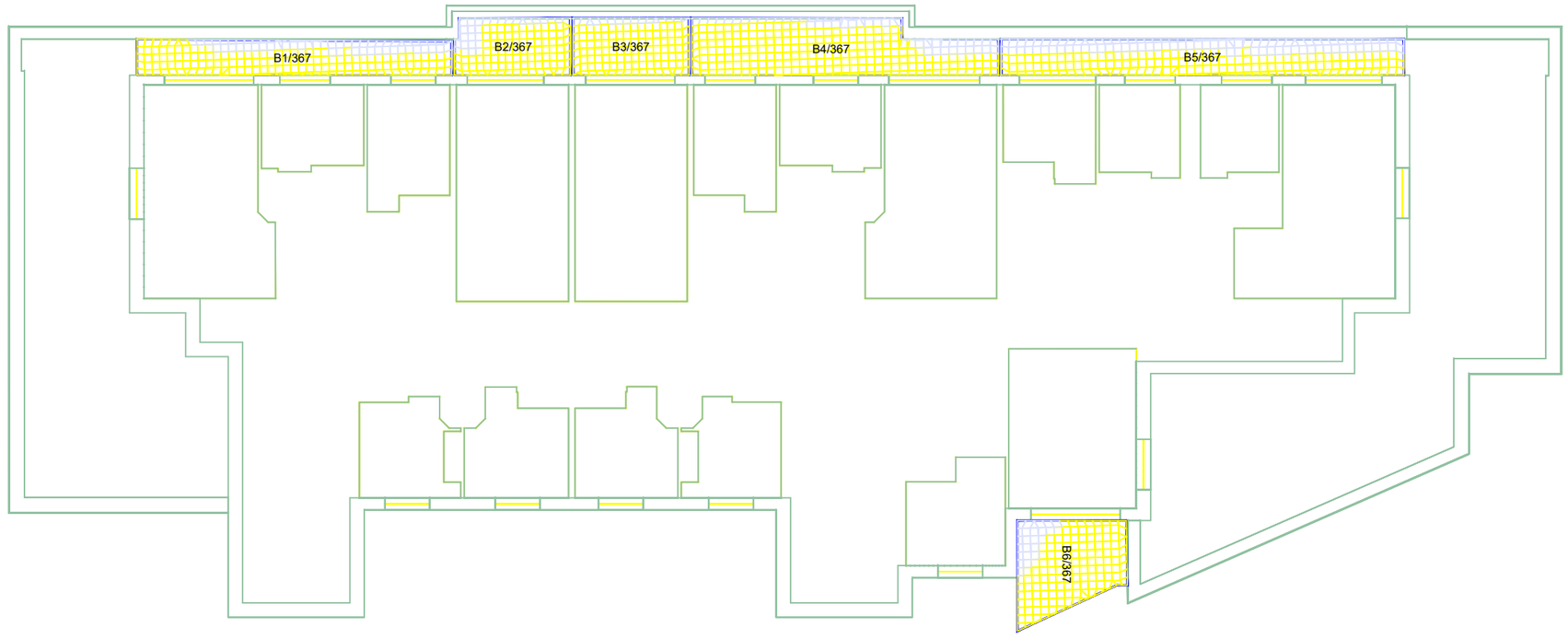
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_26	-

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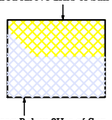
B1/367	0.00 - 120.00 mins:	3.55m2	25.80%
	Area over 120.00 mins	10.22m2	74.20%
B2/367	0.00 - 120.00 mins:	1.77m2	21.74%
	Area over 120.00 mins	6.39m2	90.15%
B3/367	0.00 - 120.00 mins:	0.89m2	10.66%
	Area over 120.00 mins	7.45m2	89.34%
B4/367	0.00 - 120.00 mins:	2.33m2	17.22%
	Area over 120.00 mins	16.04m2	82.78%

B5/367	0.00 - 120.00 mins:	6.69m2	36.79%
	Area over 120.00 mins	11.49m2	63.21%
B6/367	0.00 - 120.00 mins:	1.66m2	14.18%
	Area over 120.00 mins	10.07m2	85.82%

7TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

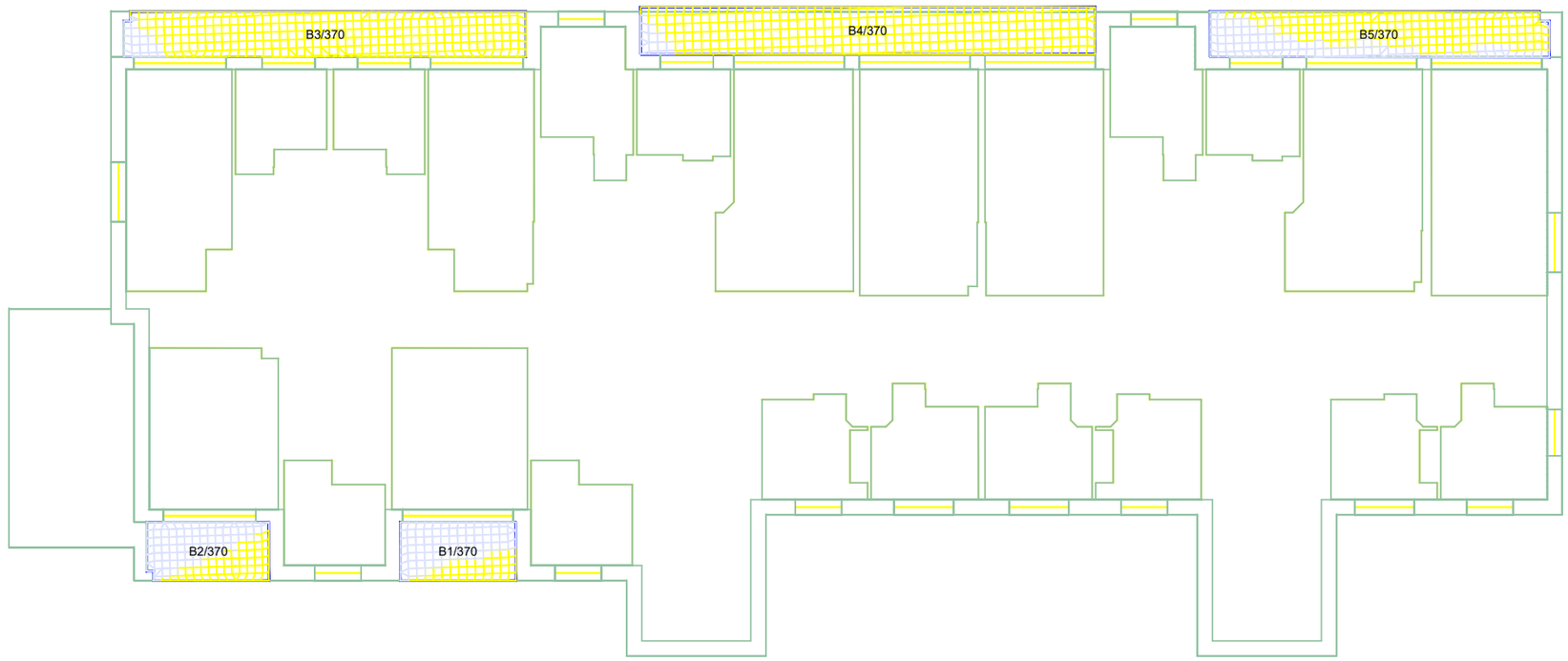
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_27	-

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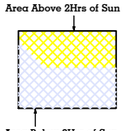
B1/370	0.00 - 120.00 mins:	5.34m2	67.58%
	Area over 120.00 mins	2.56m2	32.42%
B2/370	0.00 - 120.00 mins:	5.22m2	63.12%
	Area over 120.00 mins	3.05m2	36.88%
B3/370	0.00 - 120.00 mins:	1.31m2	6.17%
	Area over 120.00 mins	19.91m2	93.83%

B4/370	0.00 - 120.00 mins:	1.02m2	4.08%
	Area over 120.00 mins	24.03m2	94.92%
B5/370	0.00 - 120.00 mins:	6.48m2	36.12%
	Area over 120.00 mins	11.47m2	63.88%

GROUND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

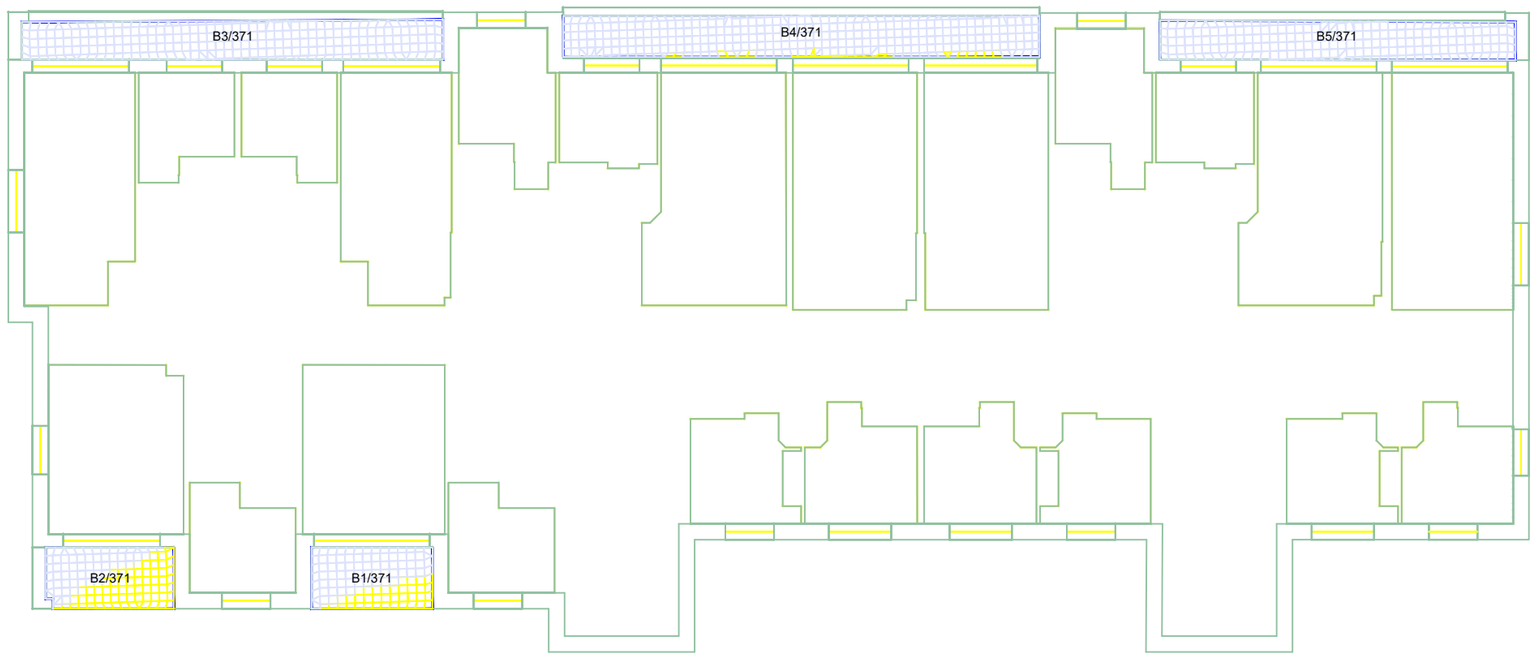
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_28	-

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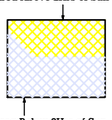
B1/371	0.00 - 120.00 mins:	5.34m2	67.58%
	Area over 120.00 mins	2.56m2	32.42%
B2/371	0.00 - 120.00 mins:	3.96m2	47.90%
	Area over 120.00 mins	4.31m2	52.10%
B3/371	0.00 - 120.00 mins:	17.35m2	100.00%
	Area over 120.00 mins	0.00m2	0.00%

B4/371	0.00 - 120.00 mins:	20.00m2	96.24%
	Area over 120.00 mins	0.78m2	3.76%
B5/371	0.00 - 120.00 mins:	14.57m2	100.00%
	Area over 120.00 mins	0.00m2	0.00%

1ST FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

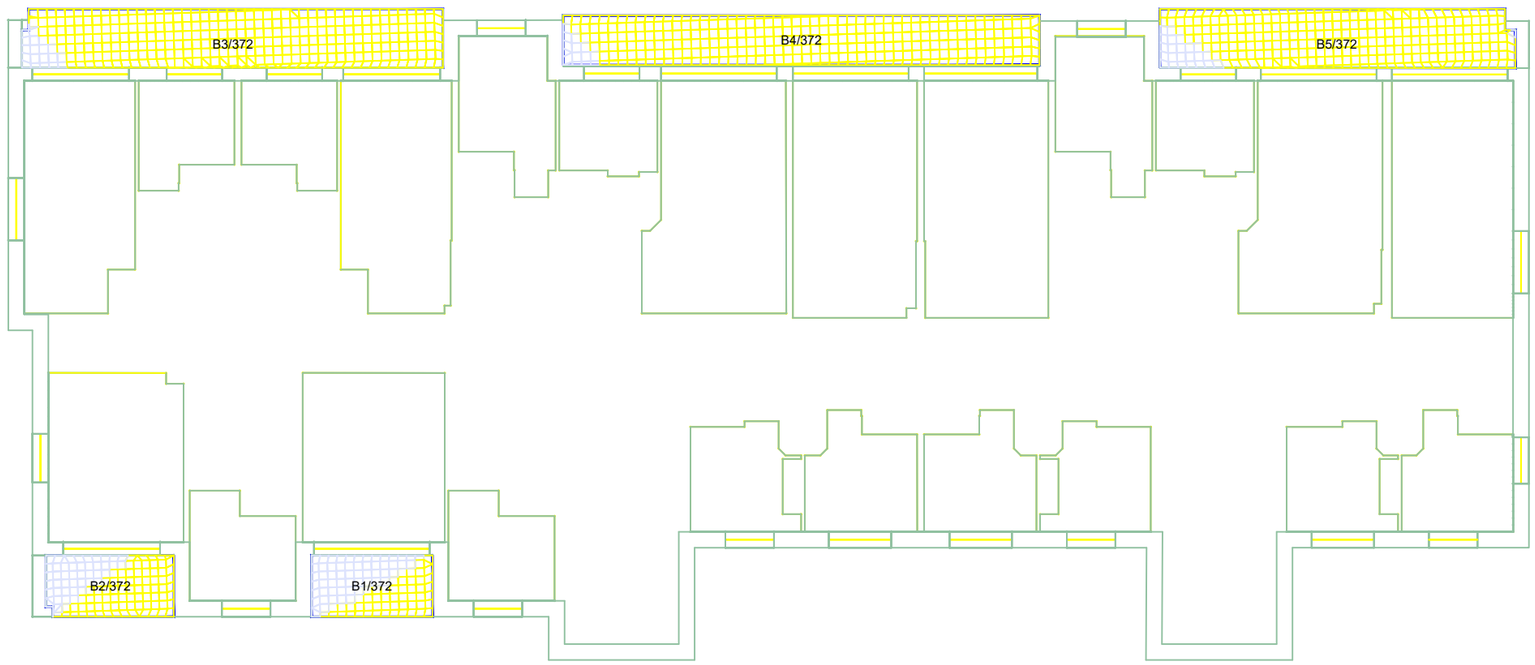
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_29	-

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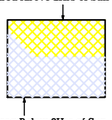
B1/372	0.00 - 120.00 mins:	4.10m2	51.93%
	Area over 120.00 mins	3.80m2	48.07%
B2/372	0.00 - 120.00 mins:	3.06m2	36.95%
	Area over 120.00 mins	5.22m2	63.05%
B3/372	0.00 - 120.00 mins:	1.40m2	5.37%
	Area over 120.00 mins	24.67m2	94.63%

B4/372	0.00 - 120.00 mins:	1.02m2	4.08%
	Area over 120.00 mins	24.03m2	95.92%
B5/372	0.00 - 120.00 mins:	1.76m2	8.00%
	Area over 120.00 mins	20.24m2	92.00%

2ND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

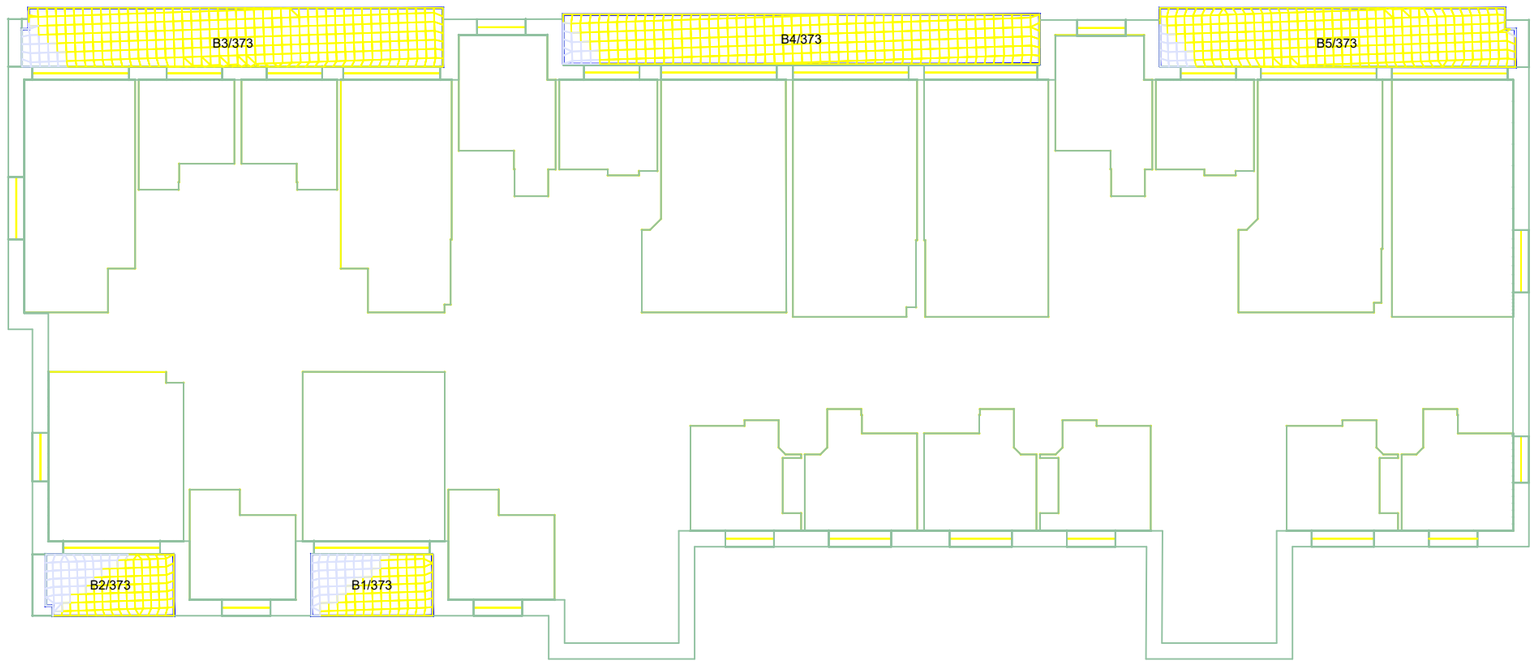
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_30	-

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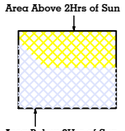
B1/373	0.00 - 120.00 mins:	2.69m2	34.11%
	Area over 120.00 mins	5.20m2	65.89%
B2/373	0.00 - 120.00 mins:	2.78m2	33.54%
	Area over 120.00 mins	5.50m2	66.46%
B3/373	0.00 - 120.00 mins:	1.40m2	5.37%
	Area over 120.00 mins	24.67m2	94.63%

B4/373	0.00 - 120.00 mins:	1.02m2	4.08%
	Area over 120.00 mins	24.03m2	95.92%
B5/373	0.00 - 120.00 mins:	1.07m2	4.84%
	Area over 120.00 mins	20.94m2	95.16%

3RD FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

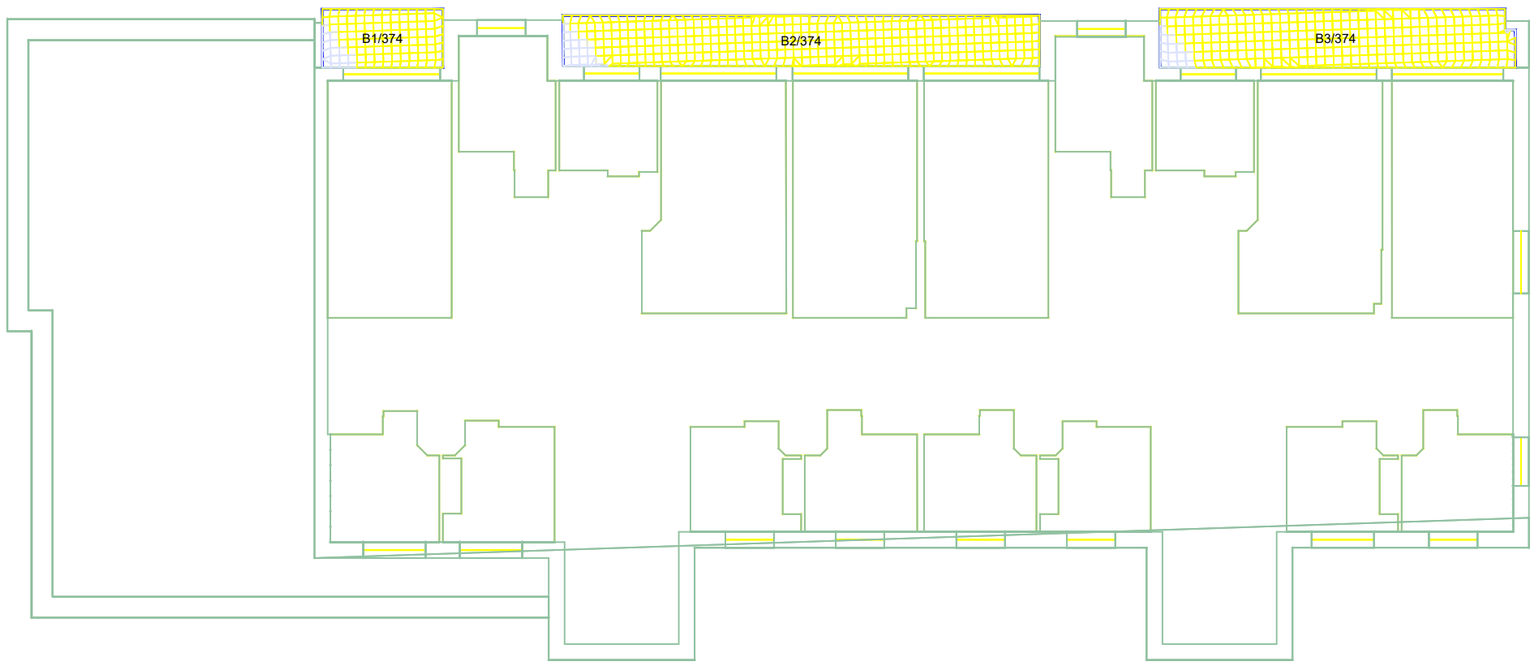
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_31	-

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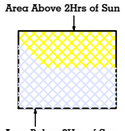


B1/374	0.00 - 120.00 mins:	1.0m2	13.29%
	Area over 120.00 mins	6.51m2	86.71%
B2/374	0.00 - 120.00 mins:	1.07m2	4.15%
	Area over 120.00 mins	24.58m2	95.85%
B3/374	0.00 - 120.00 mins:	1.10m2	5.02%
	Area over 120.00 mins	20.81m2	94.98%

4TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

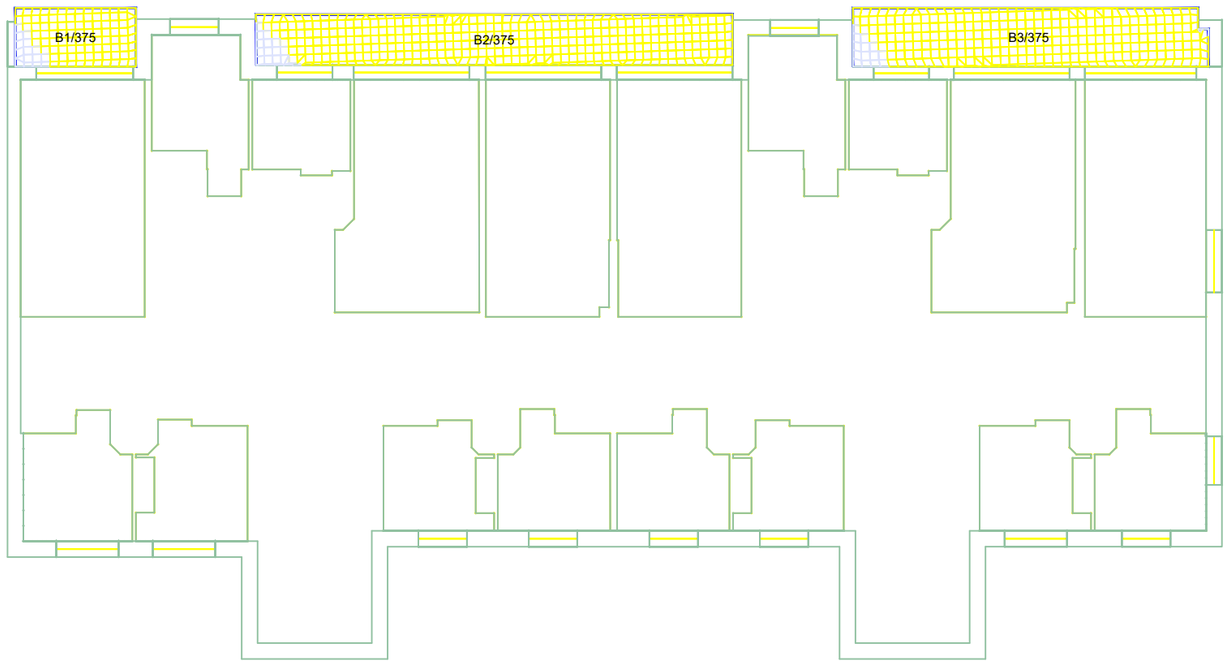
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_32	-

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B1/375	0.00 - 120.00 mins:	1.0m2	13.29%
	Area over 120.00 mins	6.51m2	86.71%
B2/375	0.00 - 120.00 mins:	1.07m2	4.15%
	Area over 120.00 mins	24.58m2	95.85%
B3/375	0.00 - 120.00 mins:	1.10m2	5.02%
	Area over 120.00 mins	20.81m2	94.98%

5TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords.Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords.Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

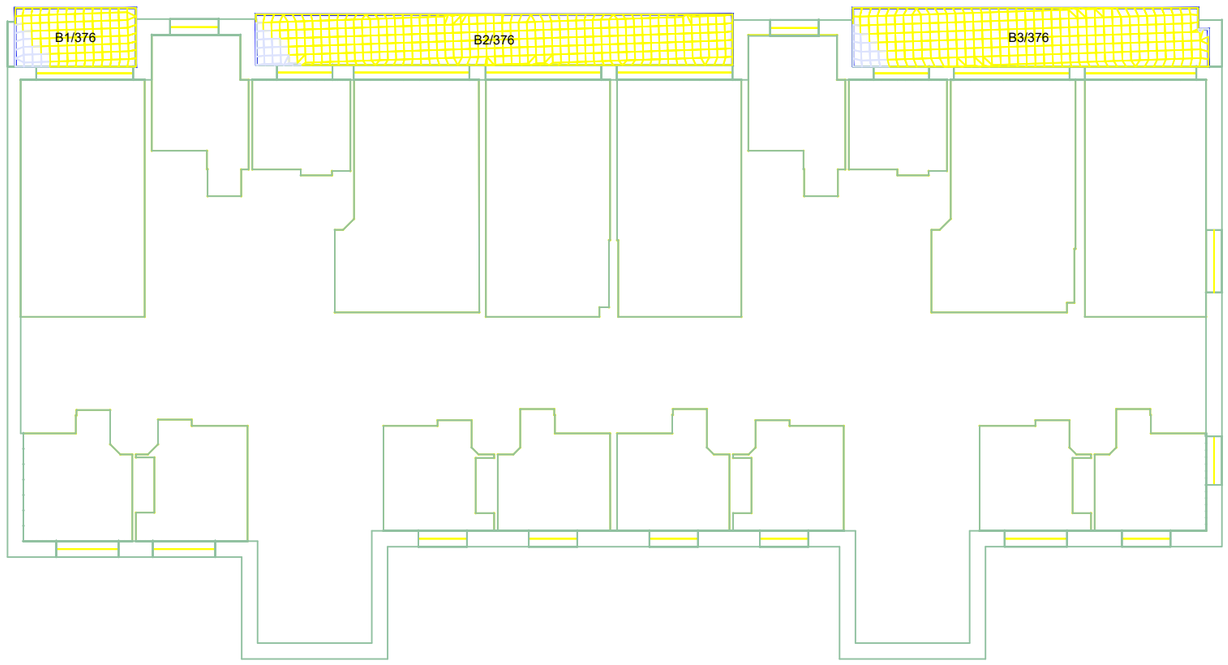
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_33	-

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B1/376	0.00 - 120.00 mins:	1.0m2	13.29%
	Area over 120.00 mins	6.51m2	86.71%
B2/376	0.00 - 120.00 mins:	1.07m2	4.15%
	Area over 120.00 mins	24.58m2	95.85%
B3/376	0.00 - 120.00 mins:	1.10m2	5.02%
	Area over 120.00 mins	20.81m2	94.98%

6TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords.Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords.Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

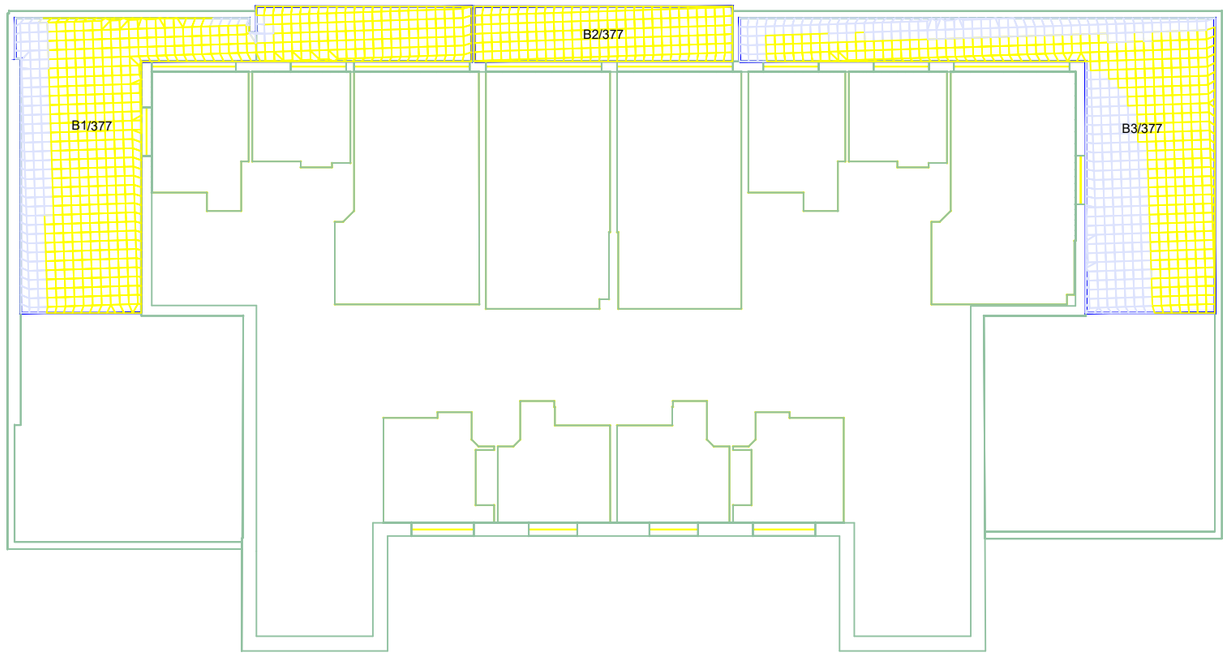
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_34	-

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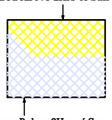


B1/377	0.00 - 120.00 mins:	9.82m2	17.59%
	Area over 120.00 mins	45.98m2	82.41%
B2/377	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	15.06m2	100.00%
B3/377	0.00 - 120.00 mins:	24.95m2	44.28%
	Area over 120.00 mins	31.41m2	55.72%

7TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

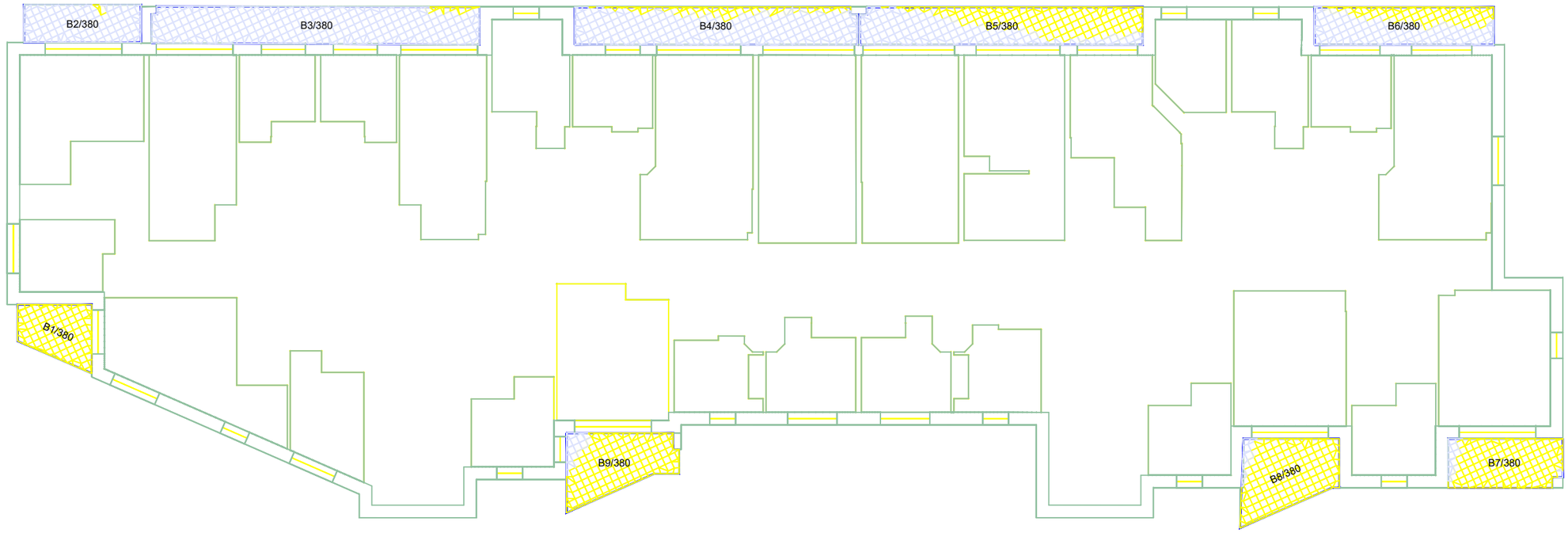
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_35	-

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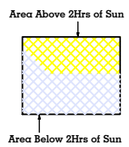


B1/380	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.61m2	100.00%
B2/380	0.00 - 120.00 mins:	7.35m2	98.40%
	Area over 120.00 mins	0.12m2	1.60%
B3/380	0.00 - 120.00 mins:	20.27m2	98.32%
	Area over 120.00 mins	0.35m2	1.68%
B4/380	0.00 - 120.00 mins:	15.68m2	87.20%
	Area over 120.00 mins	2.30m2	12.80%
B5/380	0.00 - 120.00 mins:	9.35m2	52.03%
	Area over 120.00 mins	8.62m2	47.97%

B6/380	0.00 - 120.00 mins:	7.50m2	65.53%
	Area over 120.00 mins	3.95m2	34.47%
B7/380	0.00 - 120.00 mins:	0.67m2	7.17%
	Area over 120.00 mins	8.71m2	92.83%
B8/380	0.00 - 120.00 mins:	0.56m2	5.03%
	Area over 120.00 mins	10.59m2	94.97%
B9/380	0.00 - 120.00 mins:	0.96m2	9.14%
	Area over 120.00 mins	9.55m2	90.86%

GROUND FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

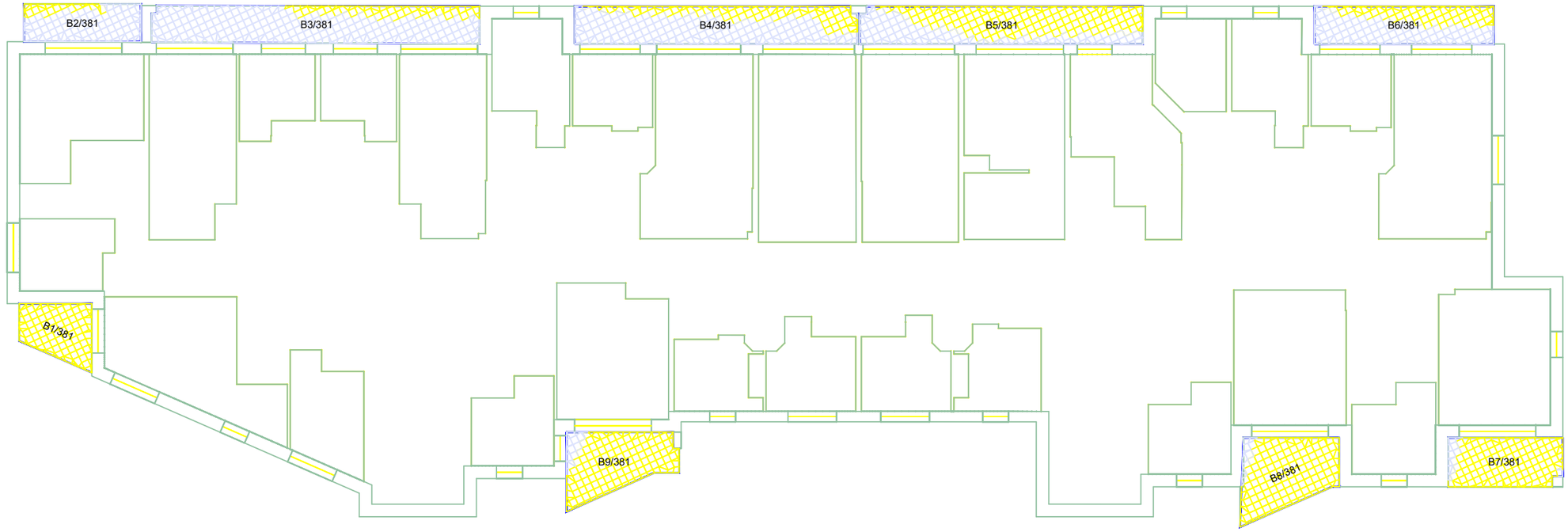
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK F

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_36	-

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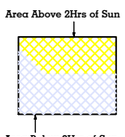
B1/381	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.61m2	100.00%
B2/381	0.00 - 120.00 mins:	6.40m2	85.65%
	Area over 120.00 mins	1.07m2	14.35%
B3/381	0.00 - 120.00 mins:	17.56m2	85.18%
	Area over 120.00 mins	3.06m2	14.82%
B4/381	0.00 - 120.00 mins:	12.97m2	72.11%
	Area over 120.00 mins	5.01m2	27.89%
B5/381	0.00 - 120.00 mins:	6.84m2	38.02%
	Area over 120.00 mins	11.14m2	61.98%

B6/381	0.00 - 120.00 mins:	7.30m2	63.75%
	Area over 120.00 mins	4.15m2	36.25%
B7/381	0.00 - 120.00 mins:	0.67m2	7.17%
	Area over 120.00 mins	8.71m2	92.83%
B8/381	0.00 - 120.00 mins:	0.56m2	5.03%
	Area over 120.00 mins	10.59m2	94.97%
B9/381	0.00 - 120.00 mins:	0.82m2	7.80%
	Area over 120.00 mins	9.69m2	92.20%

1ST FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

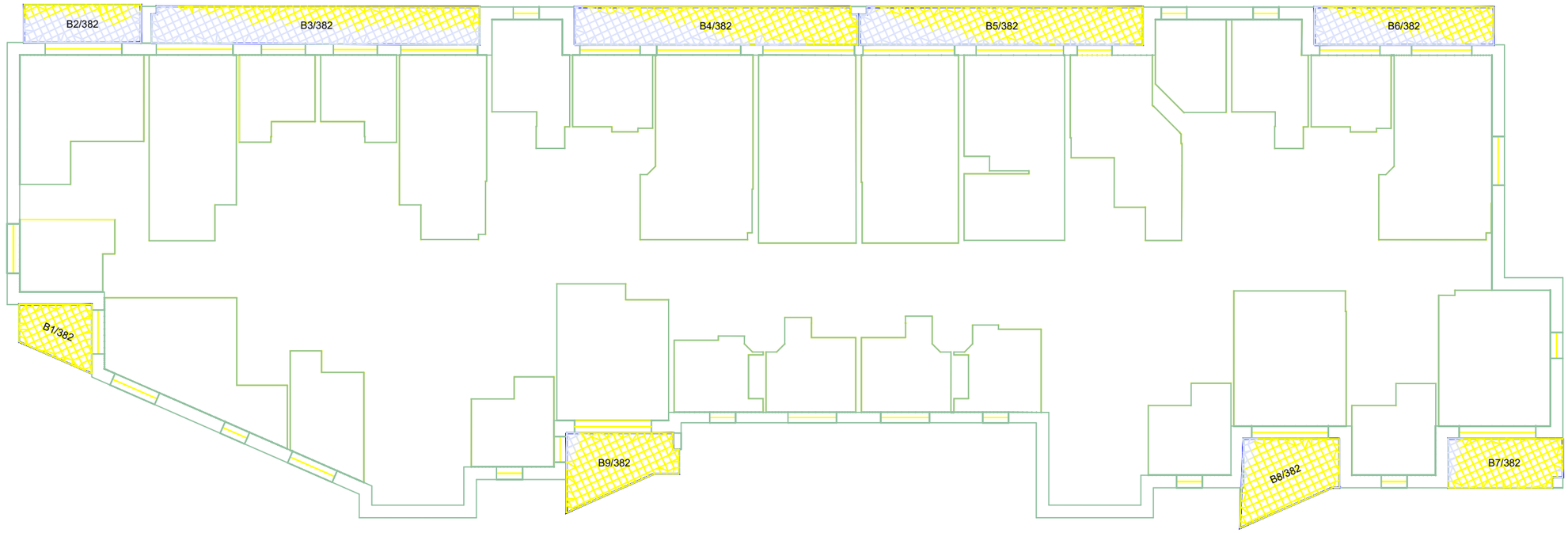
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK F

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_37	-

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B1/382	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.54m2	100.00%
B2/382	0.00 - 120.00 mins:	5.27m2	70.64%
	Area over 120.00 mins	2.19m2	39.25%
B3/382	0.00 - 120.00 mins:	12.52m2	60.75%
	Area over 120.00 mins	8.09m2	39.25%
B4/382	0.00 - 120.00 mins:	7.13m2	39.67%
	Area over 120.00 mins	10.85m2	60.33%
B5/382	0.00 - 120.00 mins:	4.98m2	27.70%
	Area over 120.00 mins	13.00m2	72.30%

B6/382	0.00 - 120.00 mins:	5.34m2	46.64%
	Area over 120.00 mins	6.11m2	53.36%
B7/382	0.00 - 120.00 mins:	0.67m2	7.17%
	Area over 120.00 mins	8.71m2	92.83%
B8/382	0.00 - 120.00 mins:	0.56m2	5.03%
	Area over 120.00 mins	10.59m2	94.97%
B9/382	0.00 - 120.00 mins:	0.48m2	4.58%
	Area over 120.00 mins	10.03m2	95.42%

2ND FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

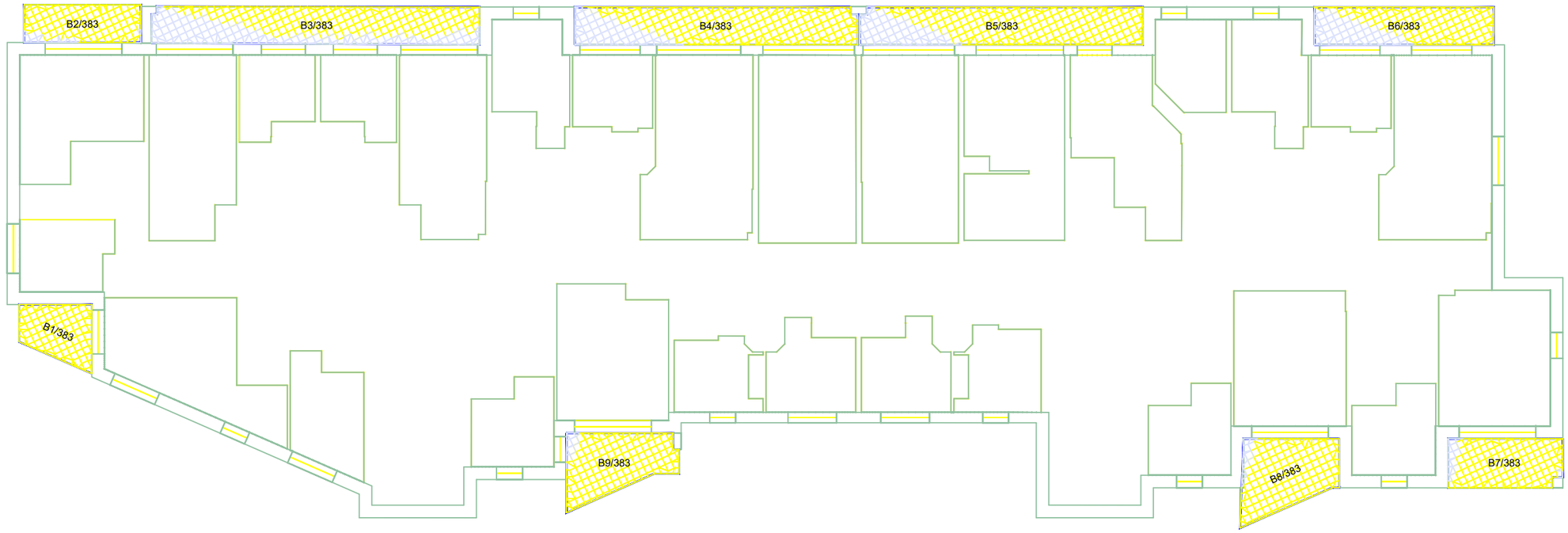
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK F

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_38	-

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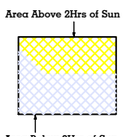
B1/383	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.54m2	100.00%
B2/383	0.00 - 120.00 mins:	0.75m2	10.10%
	Area over 120.00 mins	6.71m2	89.90%
B3/383	0.00 - 120.00 mins:	8.23m2	39.90%
	Area over 120.00 mins	12.39m2	60.10%
B4/383	0.00 - 120.00 mins:	3.84m2	21.34%
	Area over 120.00 mins	14.14m2	78.66%
B5/383	0.00 - 120.00 mins:	3.88m2	21.59%
	Area over 120.00 mins	14.10m2	78.41%

B6/383	0.00 - 120.00 mins:	3.66m2	31.99%
	Area over 120.00 mins	7.78m2	68.01%
B7/383	0.00 - 120.00 mins:	0.67m2	7.17%
	Area over 120.00 mins	8.71m2	92.83%
B8/383	0.00 - 120.00 mins:	0.56m2	5.03%
	Area over 120.00 mins	10.59m2	94.97%
B9/383	0.00 - 120.00 mins:	0.48m2	4.58%
	Area over 120.00 mins	10.03m2	95.42%

3RD FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

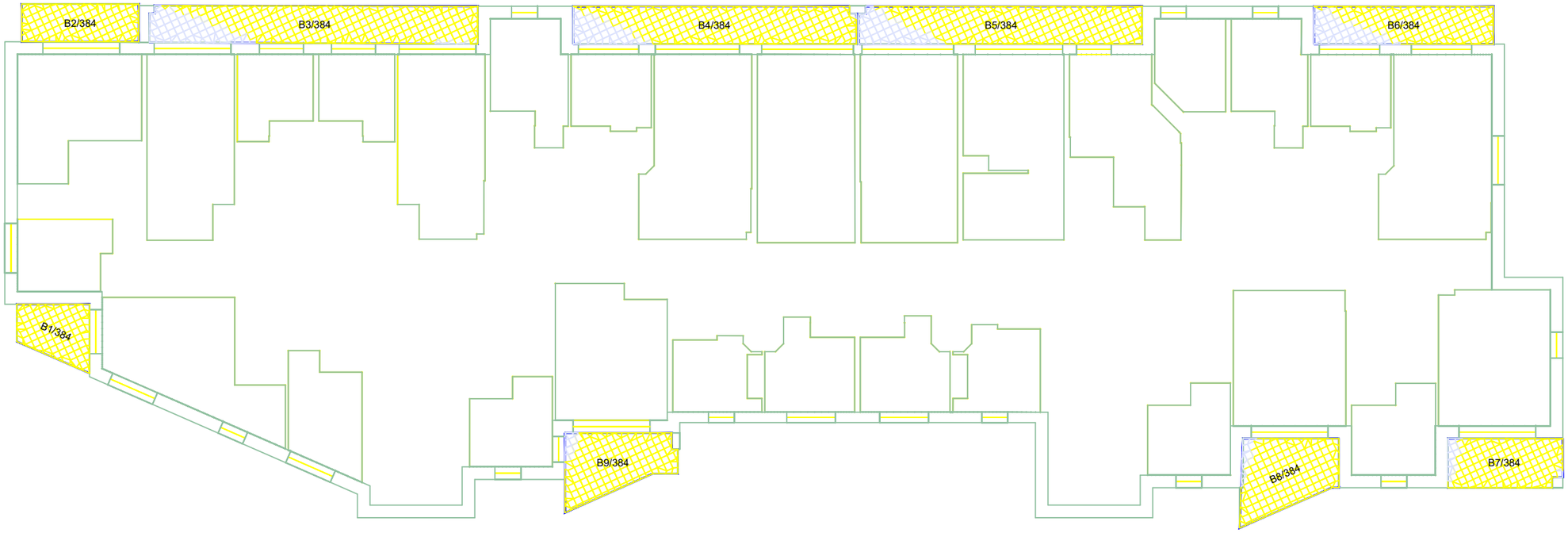
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK F

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_39	-

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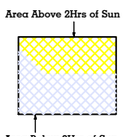
B1/384	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.54m2	100.00%
B2/384	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.47m2	100.00%
B3/384	0.00 - 120.00 mins:	4.09m2	19.85%
	Area over 120.00 mins	16.52m2	80.15%
B4/384	0.00 - 120.00 mins:	2.67m2	14.83%
	Area over 120.00 mins	15.31m2	82.46%
B5/384	0.00 - 120.00 mins:	3.15m2	17.54%
	Area over 120.00 mins	14.83m2	82.46%

B6/384	0.00 - 120.00 mins:	2.84m2	24.77%
	Area over 120.00 mins	8.61m2	75.23%
B7/384	0.00 - 120.00 mins:	0.67m2	7.17%
	Area over 120.00 mins	8.71m2	92.83%
B8/384	0.00 - 120.00 mins:	0.56m2	5.03%
	Area over 120.00 mins	10.59m2	94.97%
B9/384	0.00 - 120.00 mins:	0.48m2	4.58%
	Area over 120.00 mins	10.03m2	95.42%

4TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

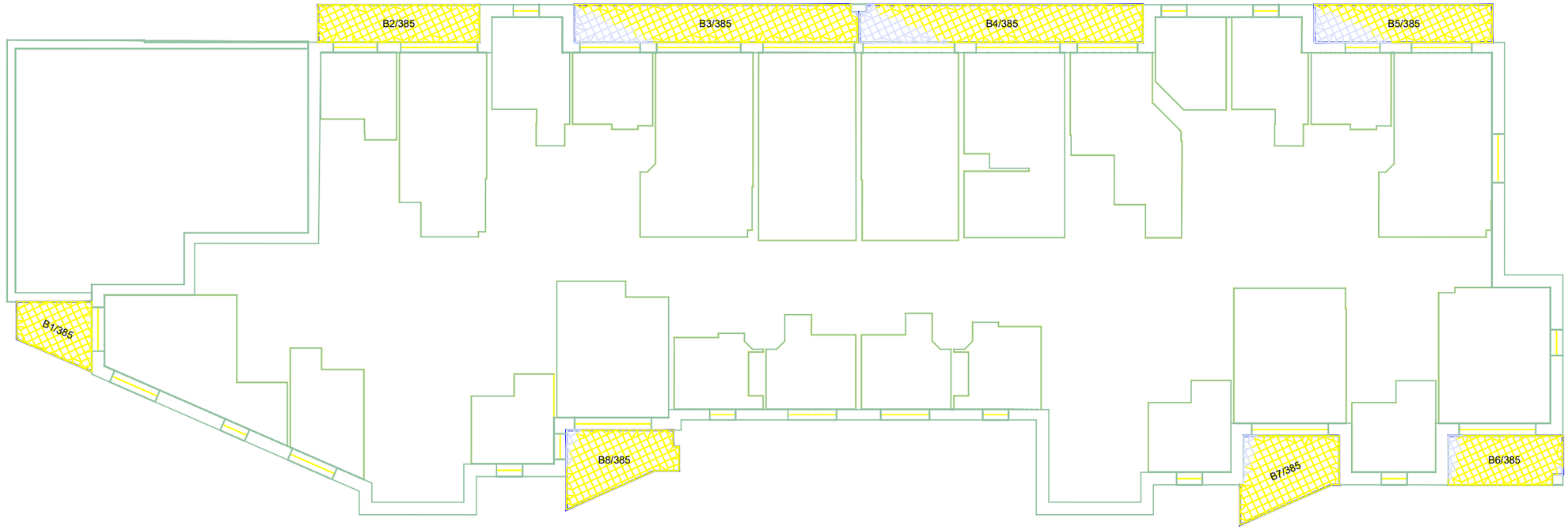
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK F

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_40	-

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B1/385	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.81m2	100.00%
B2/385	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	10.24m2	100.00%
B3/385	0.00 - 120.00 mins:	2.67m2	14.83%
	Area over 120.00 mins	15.31m2	85.17%
B4/385	0.00 - 120.00 mins:	3.02m2	16.82%
	Area over 120.00 mins	14.95m2	83.18%
B5/385	0.00 - 120.00 mins:	2.56m2	22.52%
	Area over 120.00 mins	8.80m2	77.48%

B6/385	0.00 - 120.00 mins:	0.67m2	7.17%
	Area over 120.00 mins	8.71m2	92.83%
B7/385	0.00 - 120.00 mins:	0.55m2	4.94%
	Area over 120.00 mins	10.55m2	95.06%
B8/385	0.00 - 120.00 mins:	0.45m2	4.27%
	Area over 120.00 mins	10.06m2	95.06%

5TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

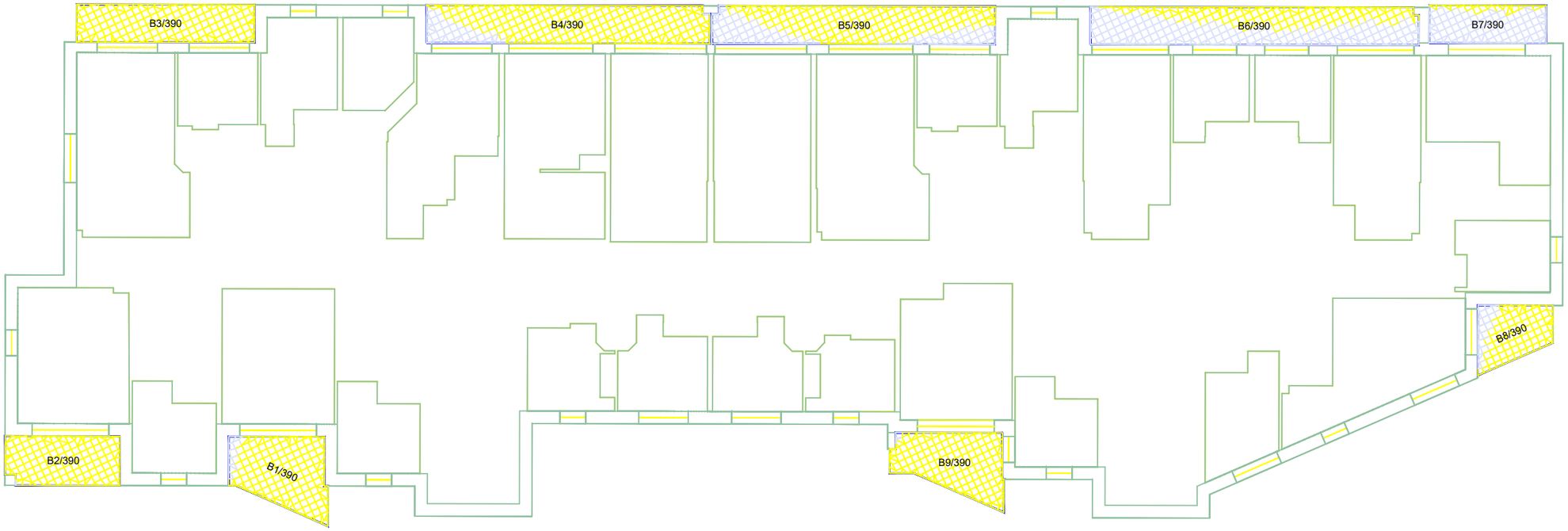
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK F

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_41	-

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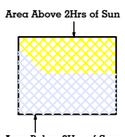
B1/390	0.00 - 120.00 mins:	0.53m2	4.74%
	Area over 120.00 mins	10.57m2	95.26%
B2/390	0.00 - 120.00 mins:	0.00m2	0.03%
	Area over 120.00 mins	9.38m2	99.97%
B3/390	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.36m2	100.00%
B4/390	0.00 - 120.00 mins:	2.65m2	14.72%
	Area over 120.00 mins	15.33m2	85.28%
B5/390	0.00 - 120.00 mins:	5.56m2	30.96%
	Area over 120.00 mins	12.41m2	69.04%

B6/390	0.00 - 120.00 mins:	12.76m2	61.14%
	Area over 120.00 mins	8.11m2	38.86%
B7/390	0.00 - 120.00 mins:	6.58m2	4.94%
	Area over 120.00 mins	0.89m2	88.08%
B8/390	0.00 - 120.00 mins:	1.20m2	11.92%
	Area over 120.00 mins	5.61m2	82.38%
B9/390	0.00 - 120.00 mins:	0.07m2	0.68%
	Area over 120.00 mins	10.46m2	99.32%

GROUND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords.Dublin_HD_MASTER	002188_Hartfield-Swords.Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00

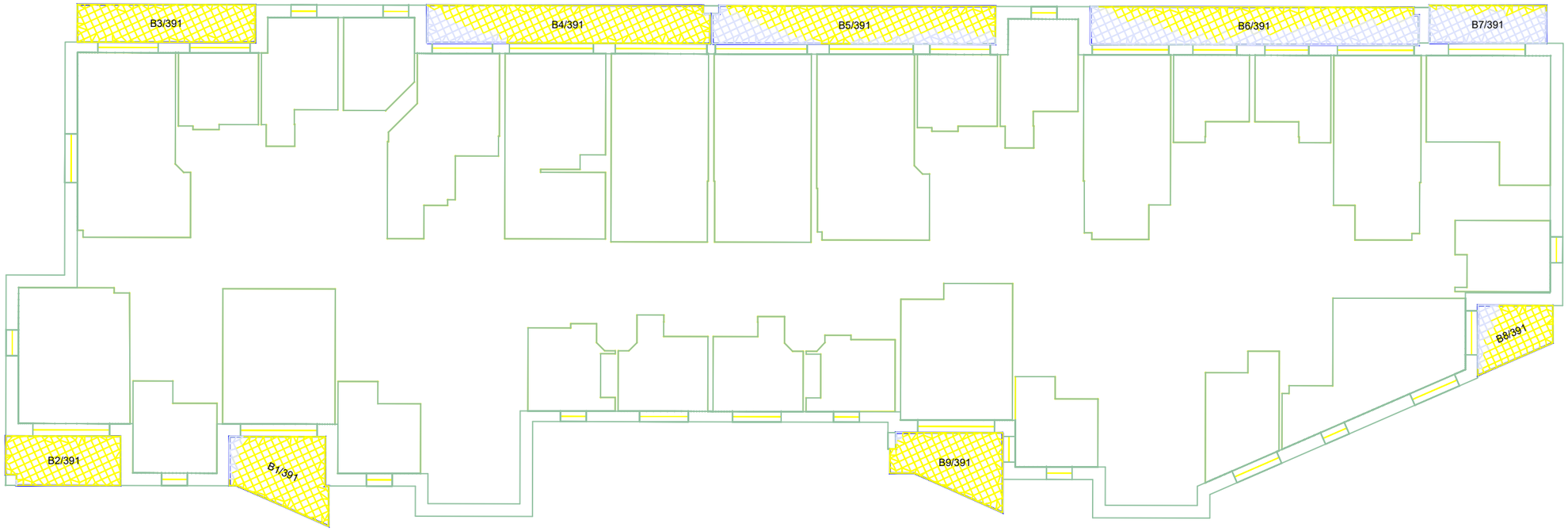
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_42	-

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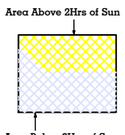
B1/391	0.00 - 120.00 mins:	0.53m2	4.74%
	Area over 120.00 mins	10.57m2	95.26%
B2/391	0.00 - 120.00 mins:	0.00m2	0.03%
	Area over 120.00 mins	9.38m2	99.97%
B3/391	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.36m2	100.00%
B4/391	0.00 - 120.00 mins:	2.65m2	14.72%
	Area over 120.00 mins	15.33m2	85.28%
B5/391	0.00 - 120.00 mins:	5.70m2	31.71%
	Area over 120.00 mins	12.27m2	68.29%

B6/391	0.00 - 120.00 mins:	10.55m2	50.56%
	Area over 120.00 mins	10.32m2	49.44%
B7/391	0.00 - 120.00 mins:	6.40m2	85.69%
	Area over 120.00 mins	1.07m2	14.31%
B8/391	0.00 - 120.00 mins:	1.20m2	11.92%
	Area over 120.00 mins	5.61m2	82.38%
B9/391	0.00 - 120.00 mins:	0.07m2	0.67%
	Area over 120.00 mins	10.44m2	99.33%

1ST FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

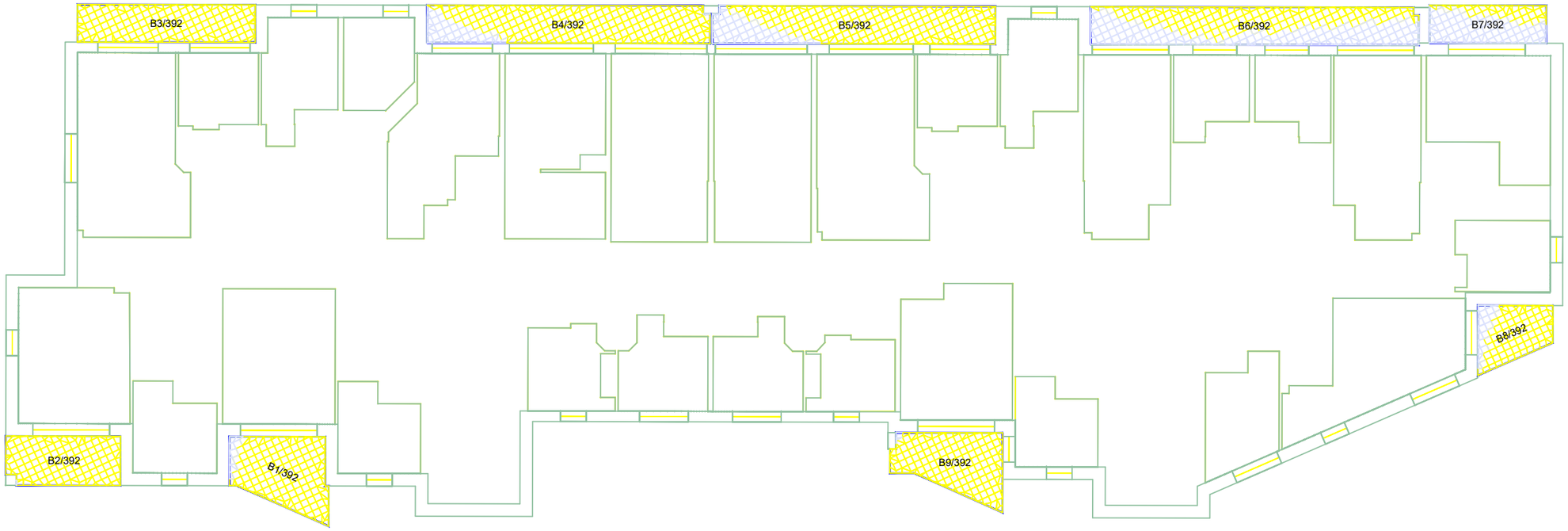
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_43	-

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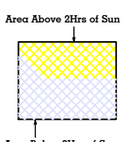


B1/392	0.00 - 120.00 mins:	0.53m2	4.74%
	Area over 120.00 mins	10.57m2	95.26%
B2/392	0.00 - 120.00 mins:	0.00m2	0.03%
	Area over 120.00 mins	9.38m2	99.97%
B3/392	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.36m2	100.00%
B4/392	0.00 - 120.00 mins:	2.65m2	14.72%
	Area over 120.00 mins	15.33m2	85.28%
B5/392	0.00 - 120.00 mins:	3.43m2	19.10%
	Area over 120.00 mins	14.54m2	80.90%

B6/392	0.00 - 120.00 mins:	10.28m2	49.26%
	Area over 120.00 mins	10.59m2	50.74%
B7/392	0.00 - 120.00 mins:	5.40m2	72.23%
	Area over 120.00 mins	2.07m2	27.77%
B8/392	0.00 - 120.00 mins:	1.20m2	17.62%
	Area over 120.00 mins	5.61m2	82.38%
B9/392	0.00 - 120.00 mins:	0.07m2	0.67%
	Area over 120.00 mins	10.44m2	99.33%

2ND FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

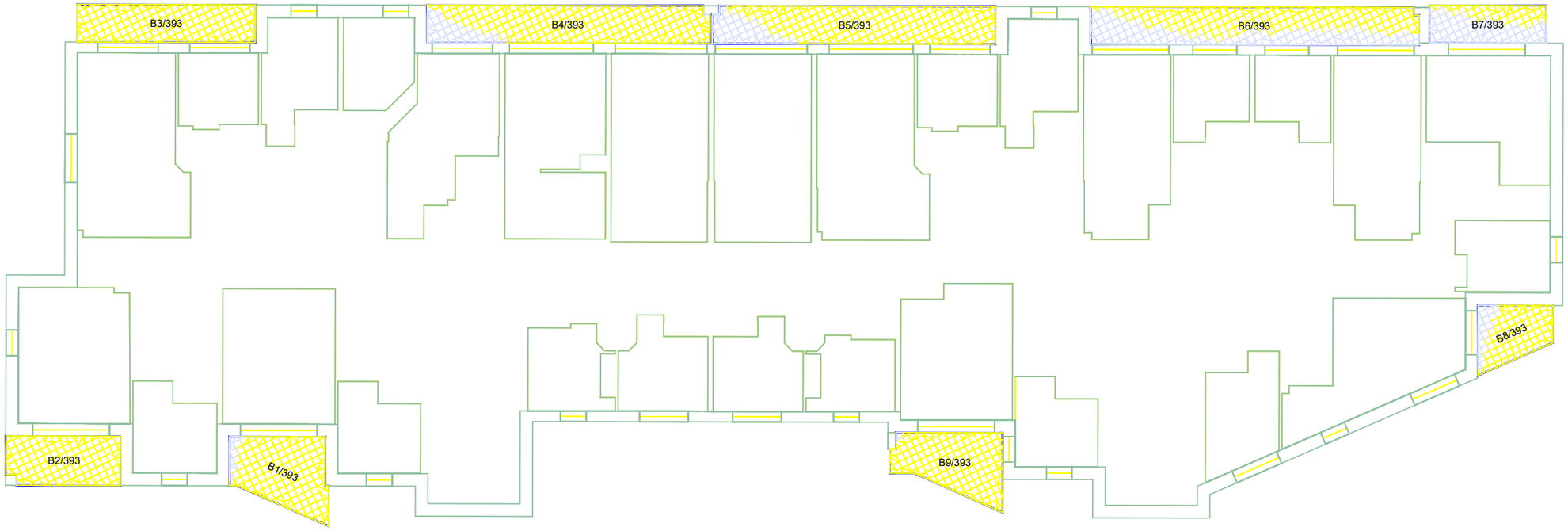
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_44	-

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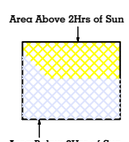


B1/393	0.00 - 120.00 mins:	0.53m2	4.74%
	Area over 120.00 mins	10.57m2	95.26%
B2/393	0.00 - 120.00 mins:	0.00m2	0.03%
	Area over 120.00 mins	9.38m2	99.97%
B3/393	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.36m2	100.00%
B4/393	0.00 - 120.00 mins:	2.65m2	14.72%
	Area over 120.00 mins	15.33m2	85.28%
B5/393	0.00 - 120.00 mins:	2.98m2	16.60%
	Area over 120.00 mins	14.99m2	83.40%

B6/393	0.00 - 120.00 mins:	8.81m2	42.19%
	Area over 120.00 mins	12.07m2	57.91%
B7/393	0.00 - 120.00 mins:	5.00m2	66.87%
	Area over 120.00 mins	2.48m2	33.13%
B8/393	0.00 - 120.00 mins:	1.20m2	17.62%
	Area over 120.00 mins	5.61m2	82.38%
B9/393	0.00 - 120.00 mins:	0.07m2	0.67%
	Area over 120.00 mins	10.44m2	99.33%

3RD FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

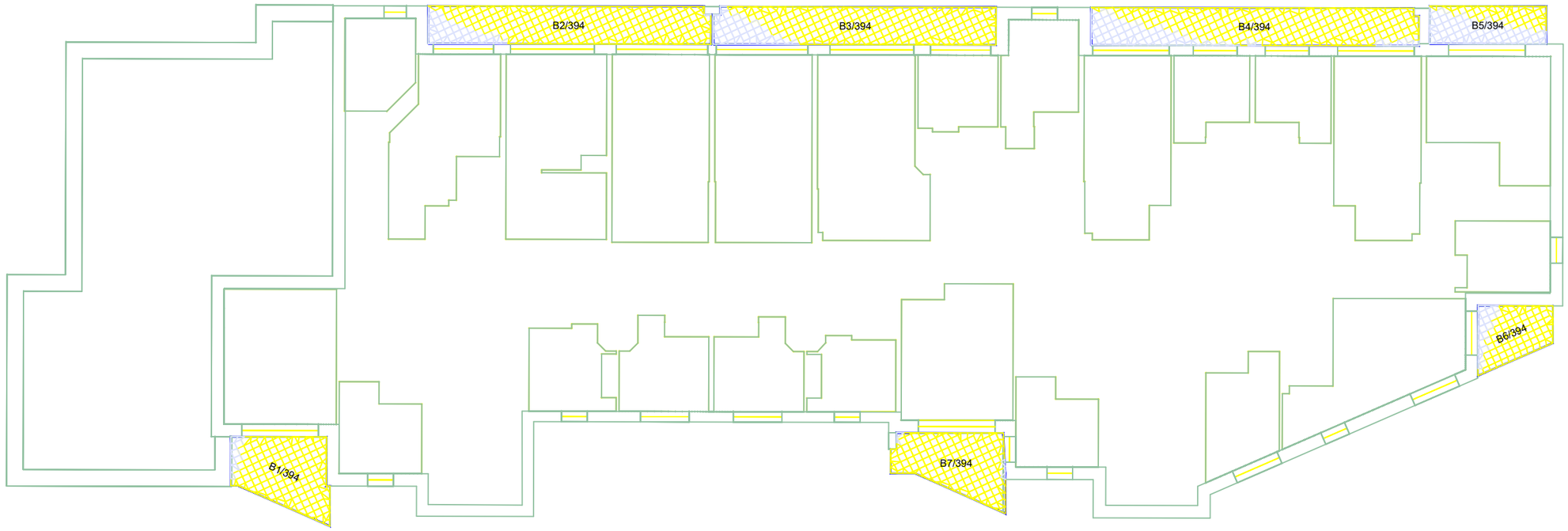
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_45	-

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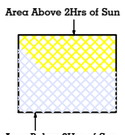
B1/394	0.00 - 120.00 mins:	0.61m2	5.49%
	Area over 120.00 mins	10.49m2	94.51%
B2/394	0.00 - 120.00 mins:	2.65m2	14.72%
	Area over 120.00 mins	15.33m2	85.28%
B3/394	0.00 - 120.00 mins:	2.98m2	16.60%
	Area over 120.00 mins	14.99m2	83.40%
B4/394	0.00 - 120.00 mins:	4.56m2	21.84%
	Area over 120.00 mins	16.31m2	78.16%

B5/394	0.00 - 120.00 mins:	4.76m2	63.73%
	Area over 120.00 mins	2.71m2	36.27%
B6/394	0.00 - 120.00 mins:	1.20m2	17.62%
	Area over 120.00 mins	5.61m2	82.38%
B7/394	0.00 - 120.00 mins:	0.11m2	1.04%
	Area over 120.00 mins	10.63m2	98.96%

4TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

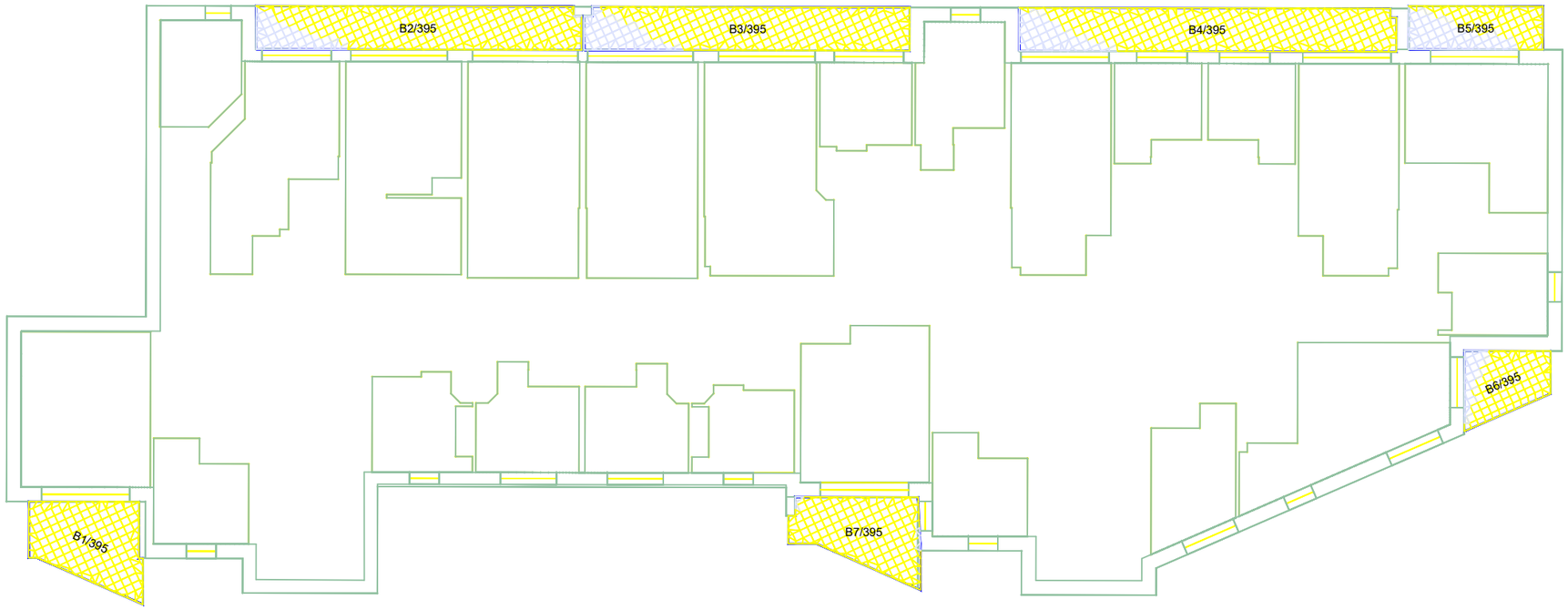
Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_13	BRE_46	-

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B1/395	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.10m2	100.00%
B2/395	0.00 - 120.00 mins:	2.65m2	14.72%
	Area over 120.00 mins	15.33m2	85.28%
B3/395	0.00 - 120.00 mins:	2.98m2	16.60%
	Area over 120.00 mins	14.99m2	83.40%
B4/395	0.00 - 120.00 mins:	2.95m2	14.14%
	Area over 120.00 mins	17.92m2	85.86%

B5/395	0.00 - 120.00 mins:	3.51m2	47.01%
	Area over 120.00 mins	3.96m2	52.99%
B6/395	0.00 - 120.00 mins:	1.20m2	17.62%
	Area over 120.00 mins	5.61m2	82.38%
B7/395	0.00 - 120.00 mins:	0.11m2	1.04%
	Area over 120.00 mins	10.63m2	98.96%

5TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 March 06:00 - 18:00
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/150	21 Feb 2022

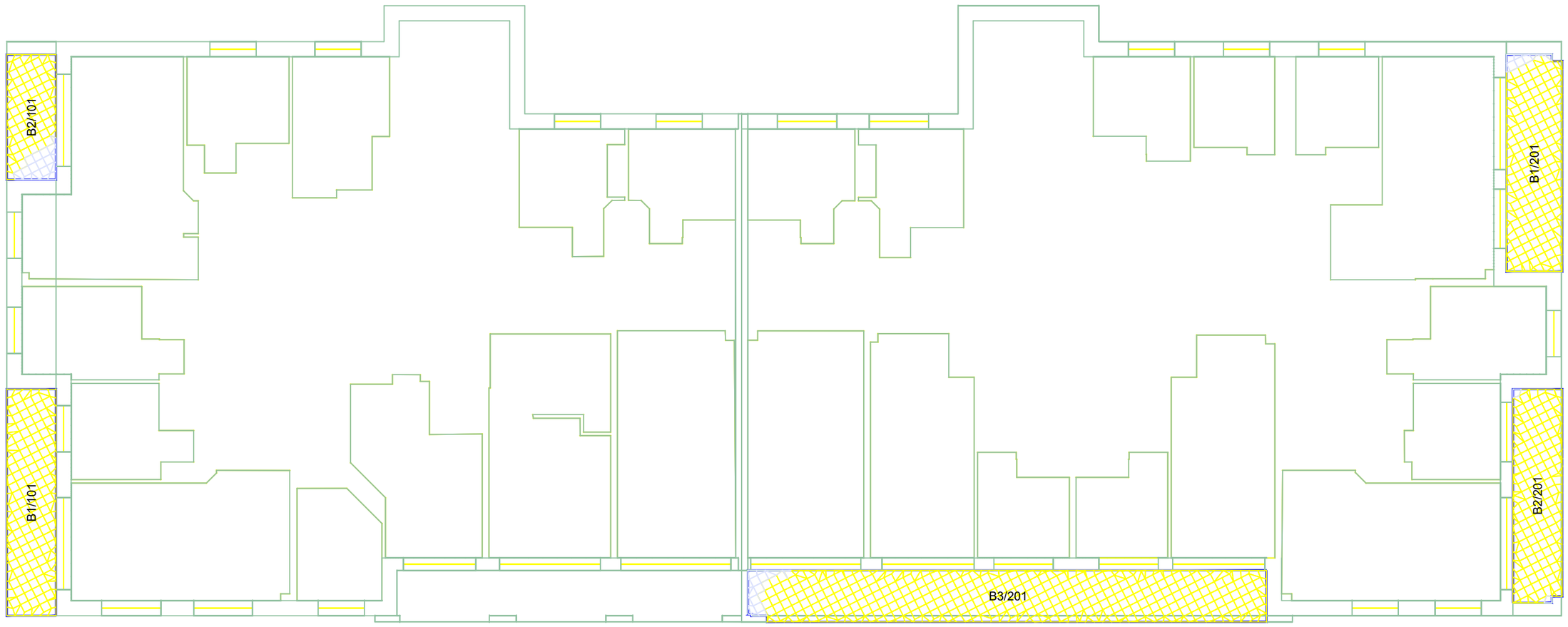
Project No.	Drawing No.	Revision
HA163_13	BRE_46	-

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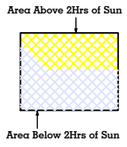
B1/101	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	13.10m2	100.00%
B2/101	0.00 - 120.00 mins:	1.22m2	16.85%
	Area over 120.00 mins	6.01m2	83.15%

B1/201	0.00 - 120.00 mins:	0.42m2	2.99%
	Area over 120.00 mins	13.75m2	97.01%
B2/201	0.00 - 120.00 mins:	0.12m2	0.94%
	Area over 120.00 mins	12.19m2	99.06%
B3/201	0.00 - 120.00 mins:	0.92m2	2.95%
	Area over 120.00 mins	30.32m2	97.05%



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK A

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

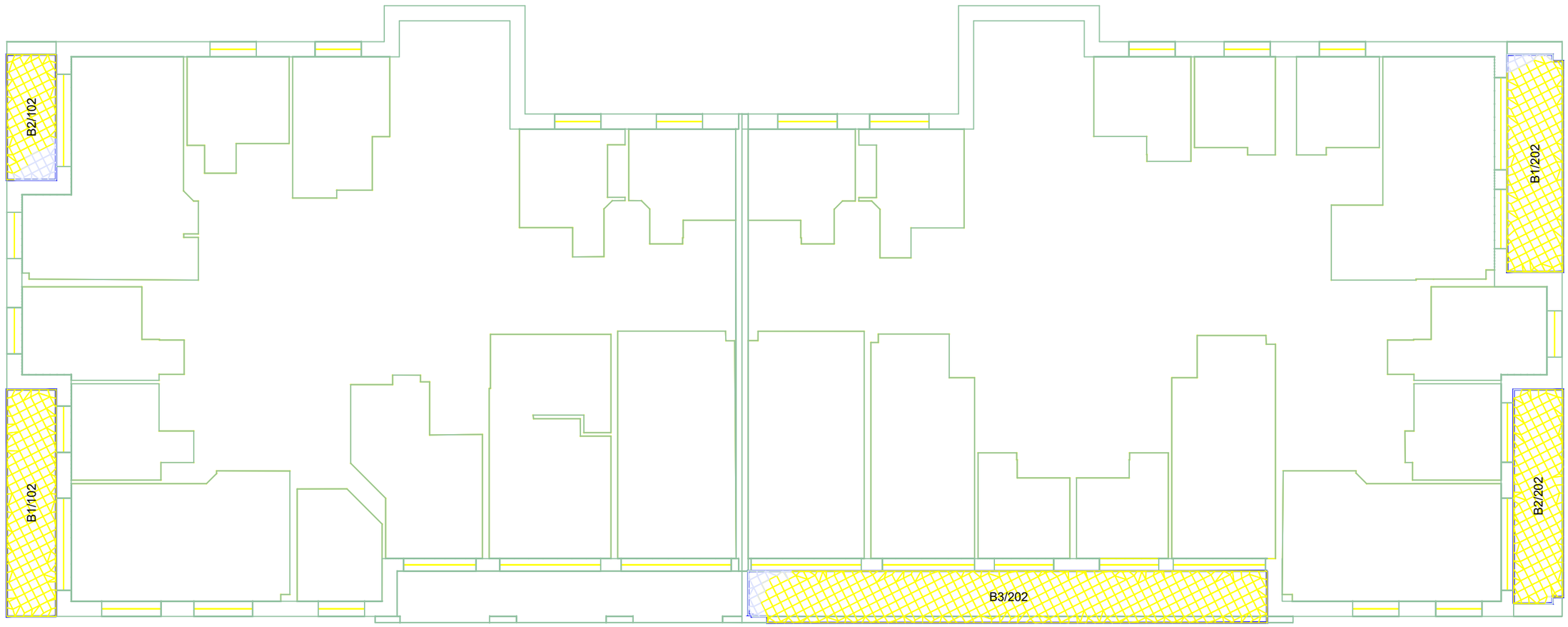
Project No.	Drawing No.	Revision
HA163_15	BRE_01	-

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B1/102	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	13.10m2	100.00%
B2/102	0.00 - 120.00 mins:	1.22m2	16.85%
	Area over 120.00 mins	6.01m2	83.15%

B1/202	0.00 - 120.00 mins:	0.42m2	2.99%
	Area over 120.00 mins	13.75m2	97.01%
B2/202	0.00 - 120.00 mins:	0.12m2	0.94%
	Area over 120.00 mins	12.19m2	99.06%
B3/202	0.00 - 120.00 mins:	0.92m2	2.95%
	Area over 120.00 mins	30.32m2	97.05%



2ND FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK A

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

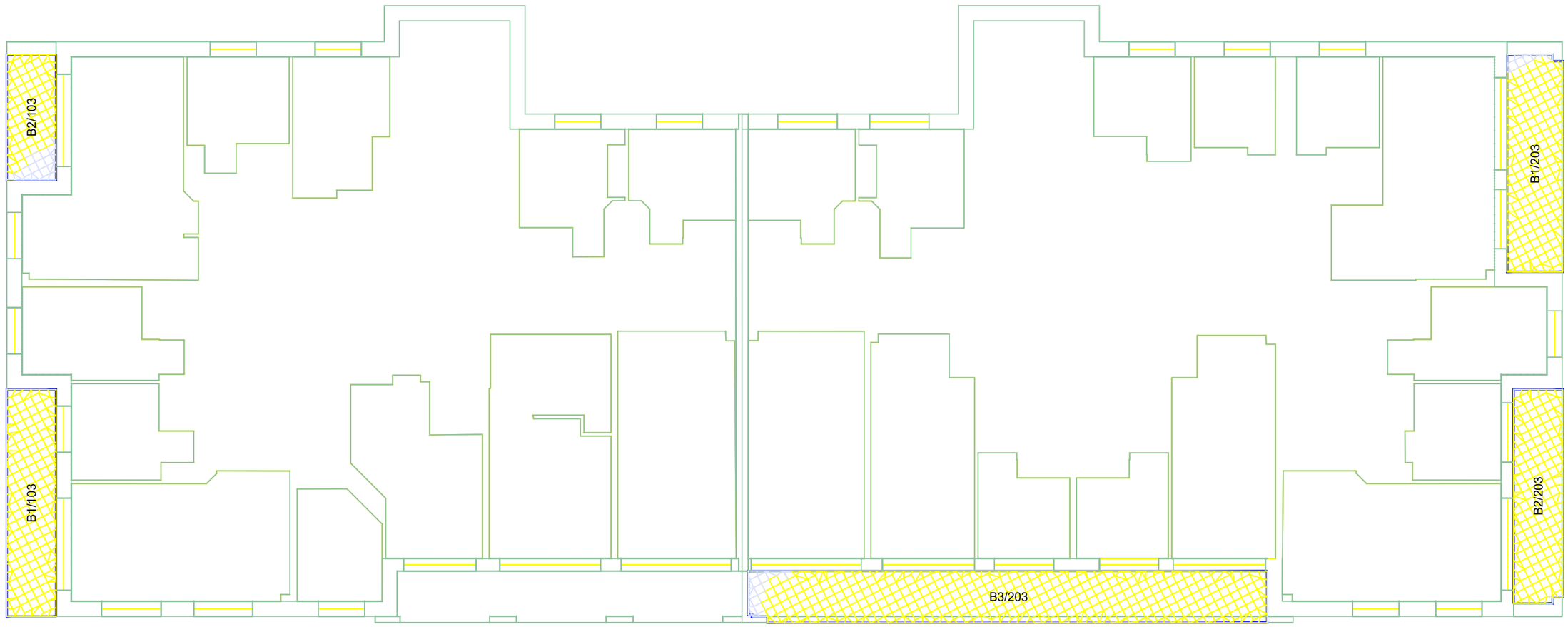
Project No.	Drawing No.	Revision
HA163_15	BRE_02	-

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B1/103	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	13.10m2	100.00%
B2/103	0.00 - 120.00 mins:	1.22m2	16.85%
	Area over 120.00 mins	6.01m2	83.15%

B1/203	0.00 - 120.00 mins:	0.42m2	2.99%
	Area over 120.00 mins	13.75m2	97.01%
B2/203	0.00 - 120.00 mins:	0.12m2	0.94%
	Area over 120.00 mins	12.19m2	99.06%
B3/203	0.00 - 120.00 mins:	0.92m2	2.95%
	Area over 120.00 mins	30.32m2	97.05%



3RD FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK A

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

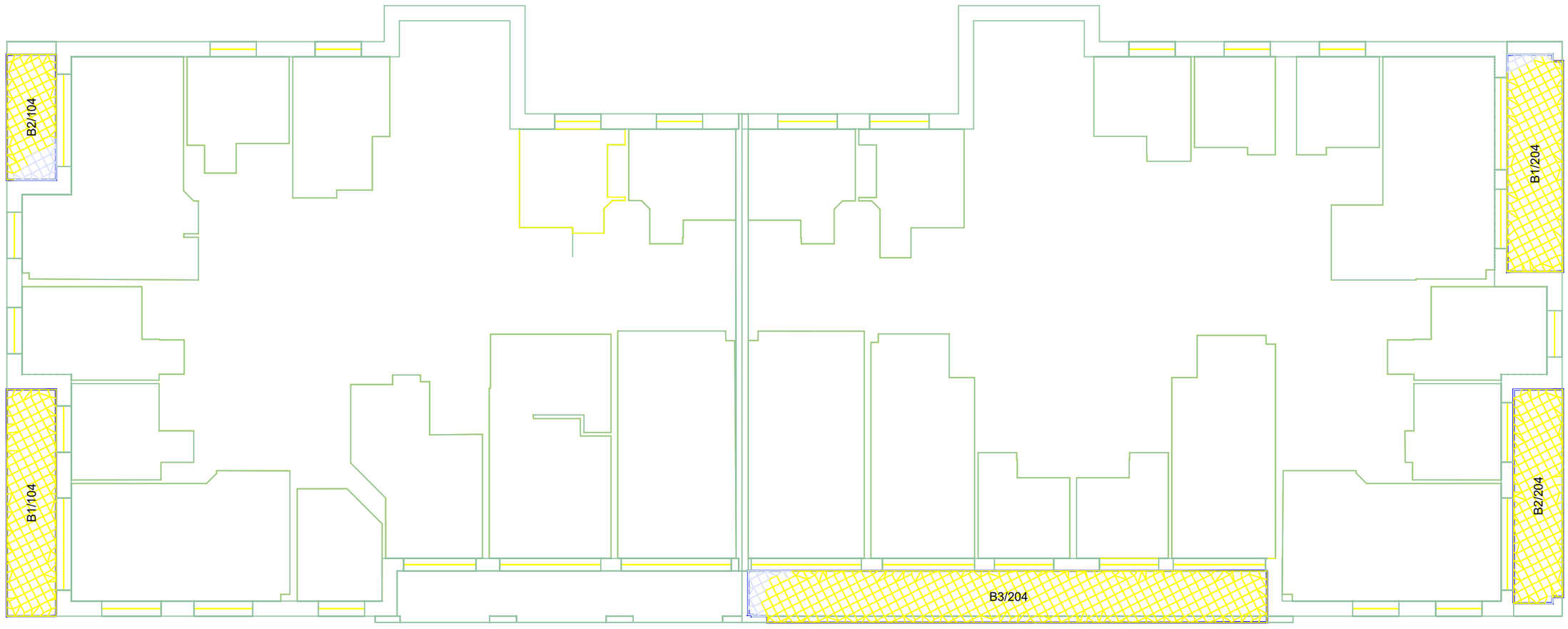
Project No.	Drawing No.	Revision
HA163_15	BRE_03	-

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B1/104	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	13.10m2	100.00%
B2/104	0.00 - 120.00 mins:	1.22m2	16.85%
	Area over 120.00 mins	6.01m2	83.15%

B1/204	0.00 - 120.00 mins:	0.42m2	2.99%
	Area over 120.00 mins	13.75m2	97.01%
B2/204	0.00 - 120.00 mins:	0.12m2	0.94%
	Area over 120.00 mins	12.19m2	99.06%
B3/204	0.00 - 120.00 mins:	0.92m2	2.95%
	Area over 120.00 mins	30.32m2	97.05%



4TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK A

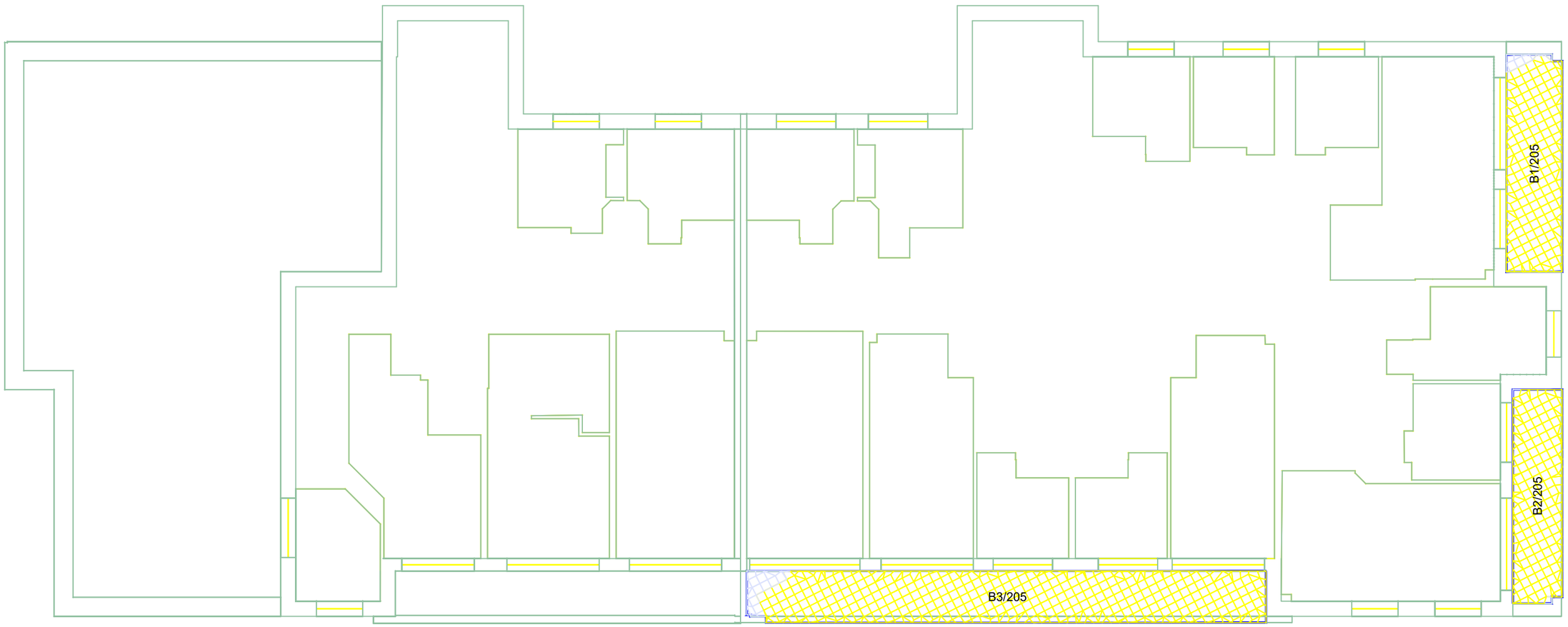
Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_04	-

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B1/205	0.00 - 120.00 mins:	0.42m2	2.99%
	Area over 120.00 mins	13.75m2	97.01%
B2/205	0.00 - 120.00 mins:	0.12m2	0.94%
	Area over 120.00 mins	12.19m2	99.06%
B3/205	0.00 - 120.00 mins:	0.92m2	2.95%
	Area over 120.00 mins	30.32m2	97.05%



5TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK A

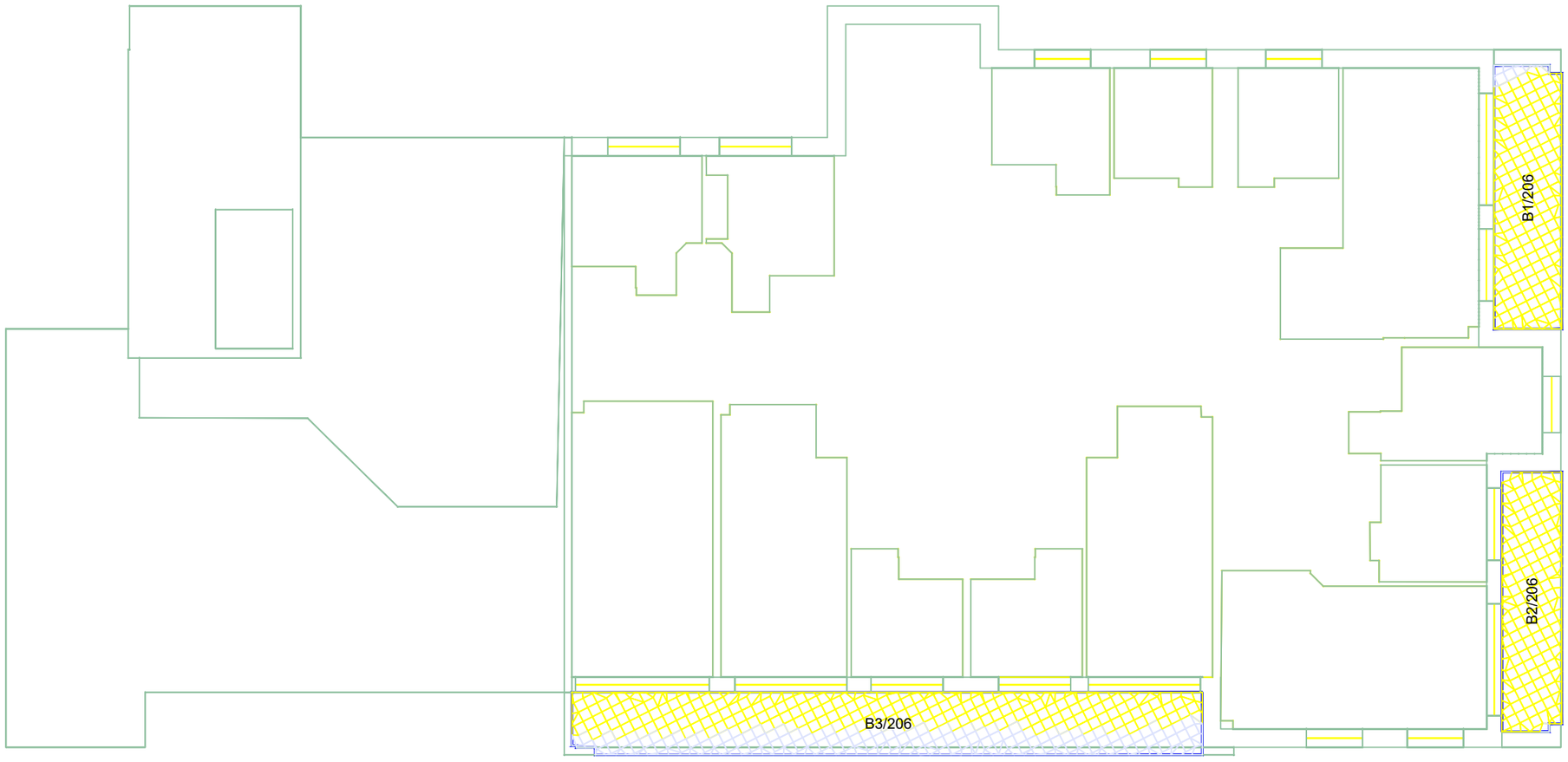
Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_05	-

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B1/206	0.00 - 120.00 mins:	0.42m2	2.99%
	Area over 120.00 mins	13.75m2	97.01%
B2/206	0.00 - 120.00 mins:	0.12m2	0.94%
	Area over 120.00 mins	12.19m2	99.06%
B3/206	0.00 - 120.00 mins:	1.18m2	3.79%
	Area over 120.00 mins	30.06m2	96.21%



6TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK A

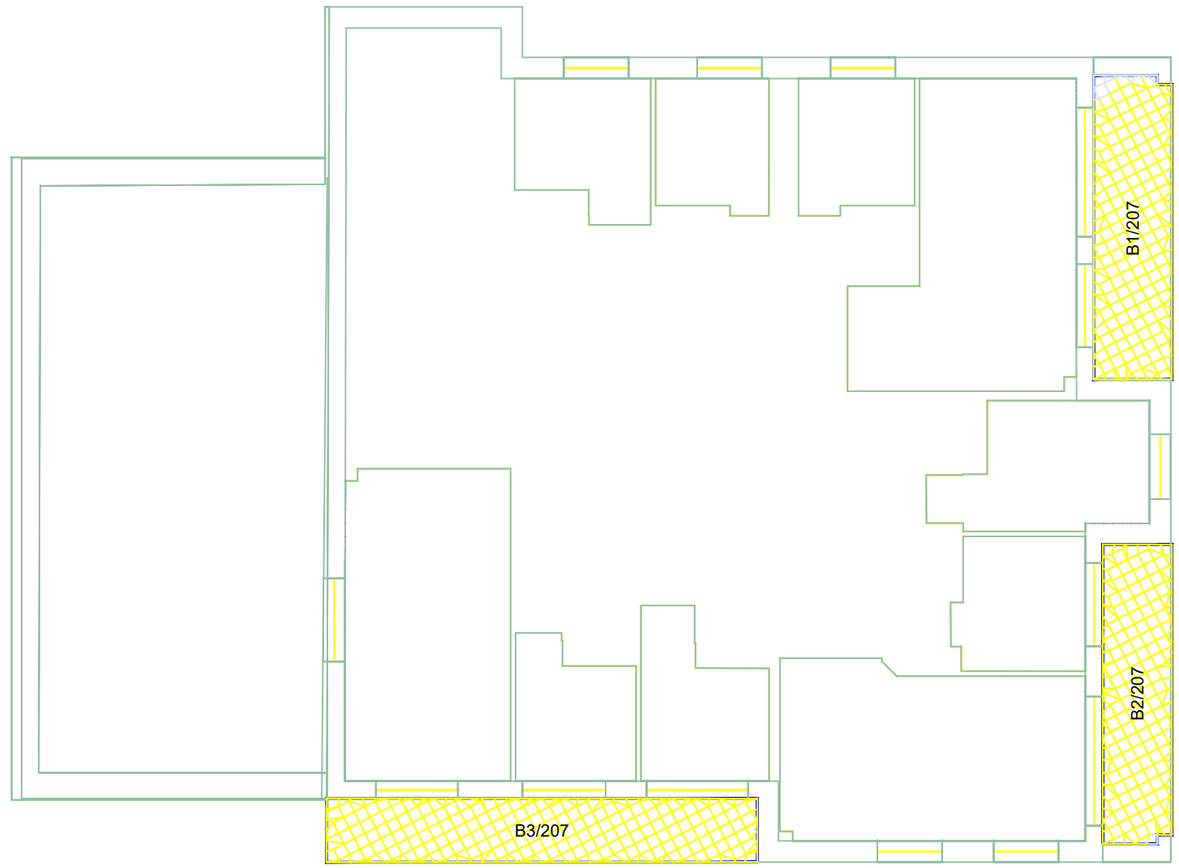
Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_06	-

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B1/207	0.00 - 120.00 mins:	0.27m2	1.90%
	Area over 120.00 mins	13.90m2	98.10%
B2/207	0.00 - 120.00 mins:	05m2	0.43%
	Area over 120.00 mins	12.26m2	99.57%
B3/207	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	16.33m2	100.00%



7TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

SHOG - 21 June 06:00 - 18:00

BLOCK A

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

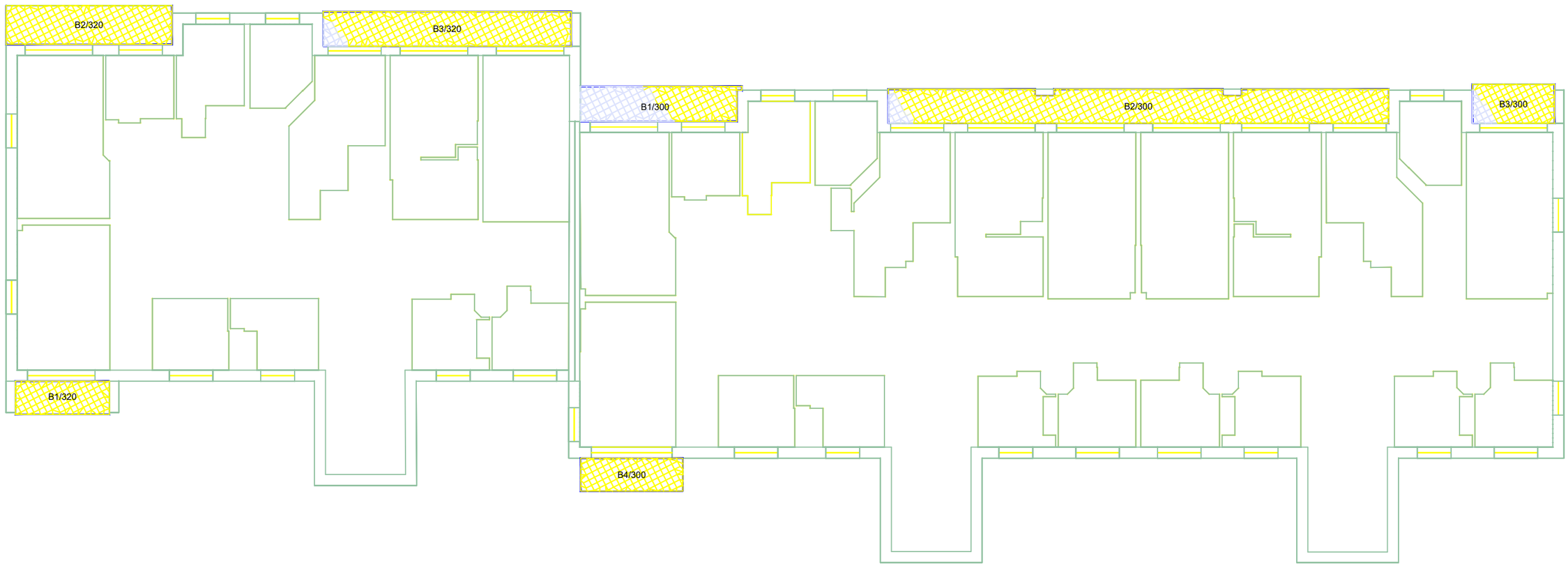
Project No.	Drawing No.	Revision
HA163_15	BRE_07	-

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B1/320	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.83m2	100.00%
B2/320	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	14.07m2	100.00%
B3/320	0.00 - 120.00 mins:	0.97m2	5.15%
	Area over 120.00 mins	17.82m2	94.85%

B1/300	0.00 - 120.00 mins:	6.09m2	50.48%
	Area over 120.00 mins	5.98m2	49.52%
B2/300	0.00 - 120.00 mins:	1.03m2	2.79%
	Area over 120.00 mins	35.88m2	97.21%
B3/300	0.00 - 120.00 mins:	1.03m2	14.79%
	Area over 120.00 mins	5.95m2	85.21%
B4/300	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.36m2	100.00%



GROUND FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK B

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_08	-

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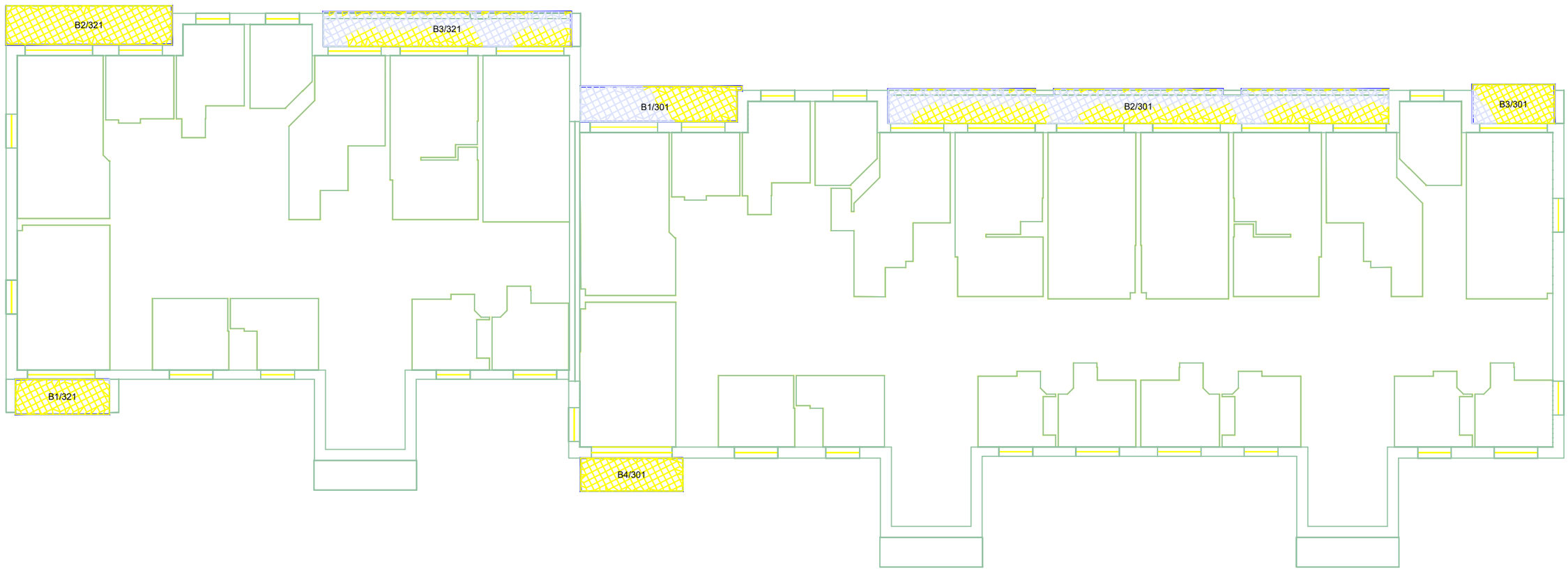
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B3/320	0.00 - 120.00 mins:	0.97m2	5.15%
	Area over 120.00 mins	17.82m2	94.85%

B3/300	0.00 - 120.00 mins:	1.03m2	14.79%
	Area over 120.00 mins	5.95m2	85.21%
B4/300	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.36m2	100.00%

B1/321	0.00 - 120.00 mins:	0.05m2	0.74%
	Area over 120.00 mins	7.16m2	99.26%
B2/321	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	14.07m2	100.00%
B3/321	0.00 - 120.00 mins:	11.22m2	59.72%
	Area over 120.00 mins	7.57m2	40.28%

B1/301	0.00 - 120.00 mins:	6.09m2	50.48%
	Area over 120.00 mins	5.98m2	49.52%
B2/301	0.00 - 120.00 mins:	20.44m2	55.38%
	Area over 120.00 mins	16.47m2	44.62%
B3/301	0.00 - 120.00 mins:	1.03m2	14.79%
	Area over 120.00 mins	5.95m2	85.21%
B4/301	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.36m2	100.00%



1ST FLOOR

Key:

Area Above 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title

Drawn By
CC

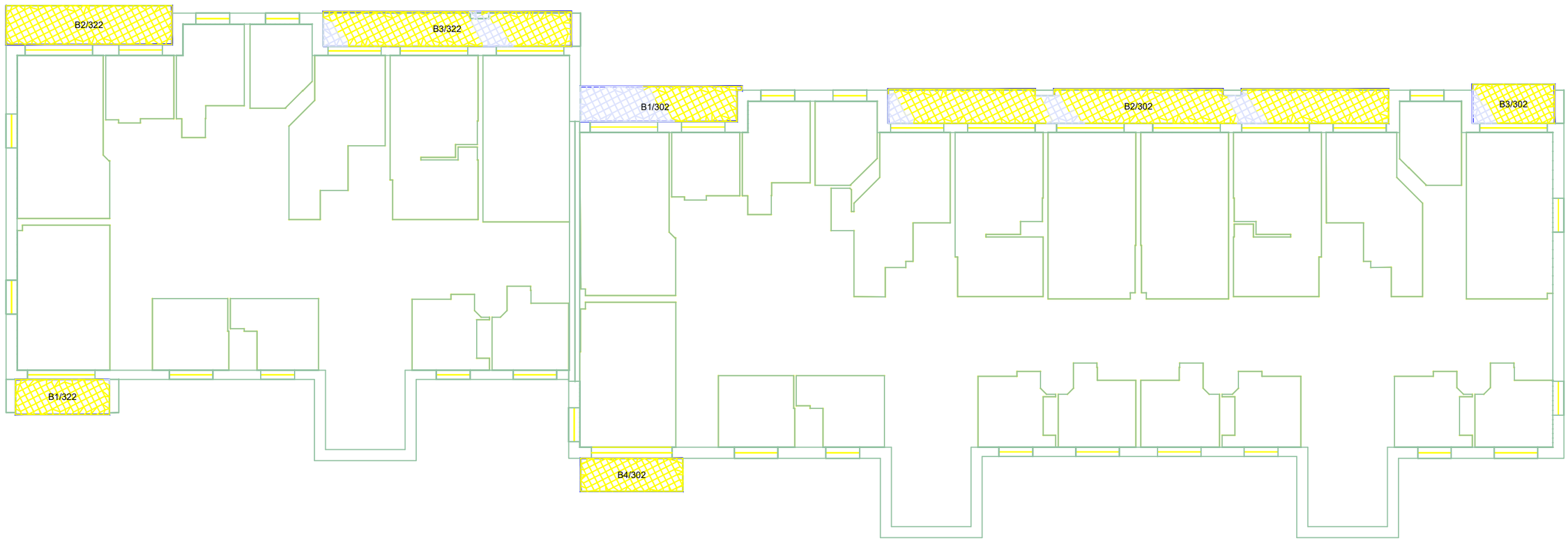
Scale @ A3
1/150

Date
28 Feb 2022

AVISON YOUNG

B1/322	0.00 - 120.00 mins:	0.05m2	0.74%
	Area over 120.00 mins	7.16m2	99.26%
B2/322	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	14.07m2	100.00%
B3/322	0.00 - 120.00 mins:	2.98m2	15.88%
	Area over 120.00 mins	15.80m2	84.12%

B1/302	0.00 - 120.00 mins:	6.09m2	50.52%
	Area over 120.00 mins	5.98m2	49.52%
B2/302	0.00 - 120.00 mins:	4.17m2	11.29%
	Area over 120.00 mins	32.74m2	88.71%
B3/302	0.00 - 120.00 mins:	1.03m2	14.79%
	Area over 120.00 mins	5.95m2	85.21%
B4/302	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.36m2	100.00%



2ND FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name: Hartfield Place, Dublin

Drawing Title: SHOG - 21 June 06:00 - 18:00

BLOCK B

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

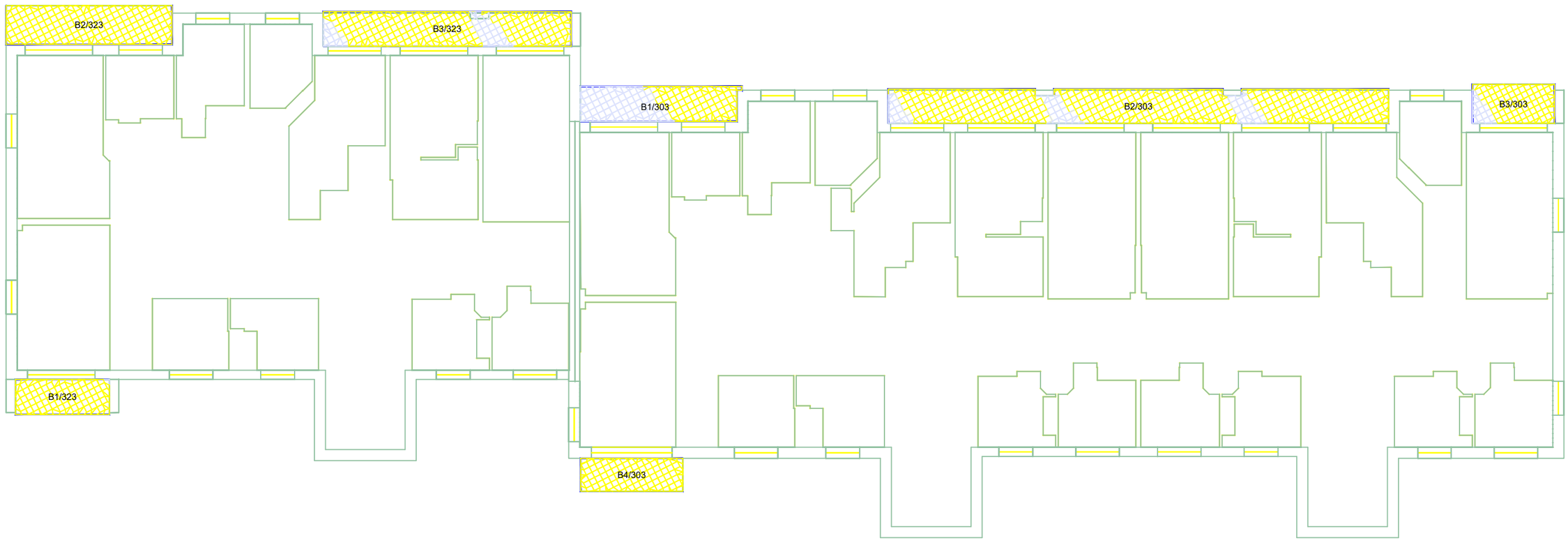
Project No.	Drawing No.	Revision
HA163_15	BRE_10	-

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B1/323	0.00 - 120.00 mins:	0.05m2	0.74%
	Area over 120.00 mins	7.16m2	99.26%
B2/323	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	14.07m2	100.00%
B3/323	0.00 - 120.00 mins:	2.98m2	15.88%
	Area over 120.00 mins	15.80m2	84.12%

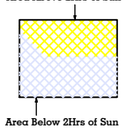
B1/303	0.00 - 120.00 mins:	6.09m2	50.48%
	Area over 120.00 mins	5.98m2	49.52%
B2/303	0.00 - 120.00 mins:	4.17m2	11.29%
	Area over 120.00 mins	32.74m2	88.71%
B3/303	0.00 - 120.00 mins:	1.03m2	14.79%
	Area over 120.00 mins	5.95m2	85.21%
B4/303	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.36m2	100.00%



3RD FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK B

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

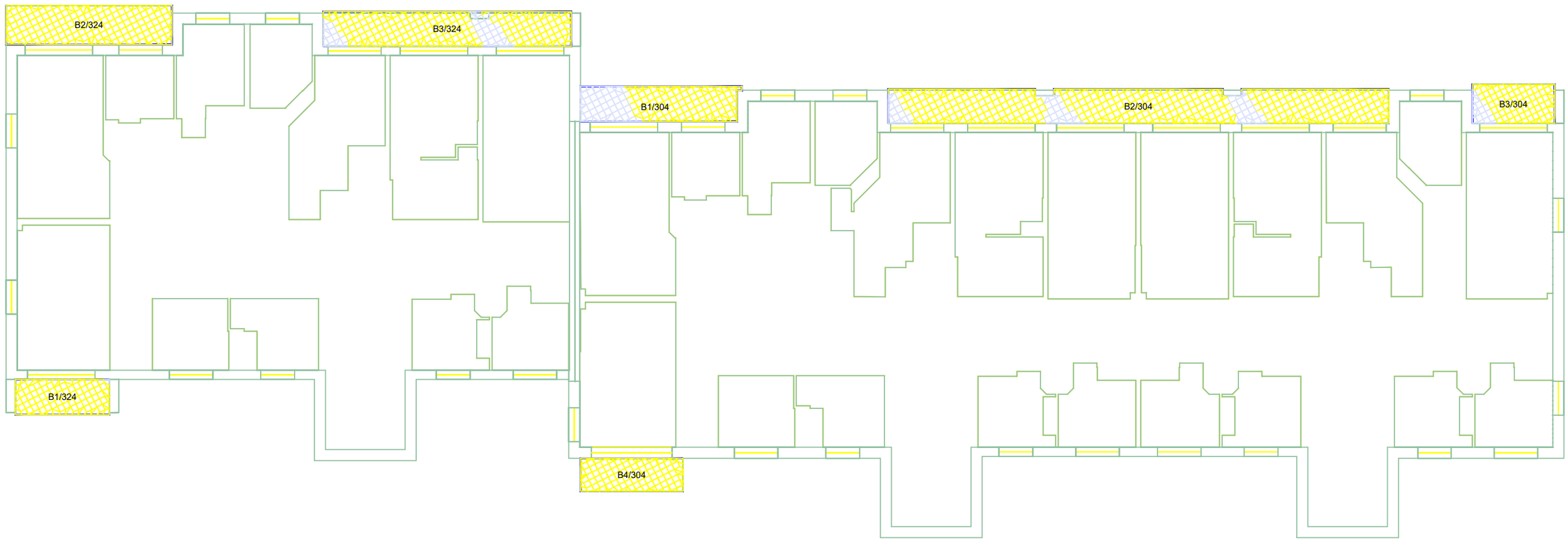
Project No.	Drawing No.	Revision
HA163_15	BRE_11	-

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B1/324	0.00 - 120.00 mins:	0.05m2	0.74%
	Area over 120.00 mins	7.16m2	99.26%
B2/324	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	14.07m2	100.00%
B3/324	0.00 - 120.00 mins:	2.98m2	15.88%
	Area over 120.00 mins	15.80m2	84.12%

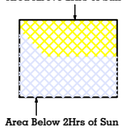
B1/304	0.00 - 120.00 mins:	3.85m2	31.90%
	Area over 120.00 mins	8.22m2	68.10%
B2/304	0.00 - 120.00 mins:	4.31m2	11.67%
	Area over 120.00 mins	32.60m2	88.33%
B3/304	0.00 - 120.00 mins:	1.03m2	14.79%
	Area over 120.00 mins	5.95m2	85.21%
B4/304	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.36m2	100.00%



4TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK B

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

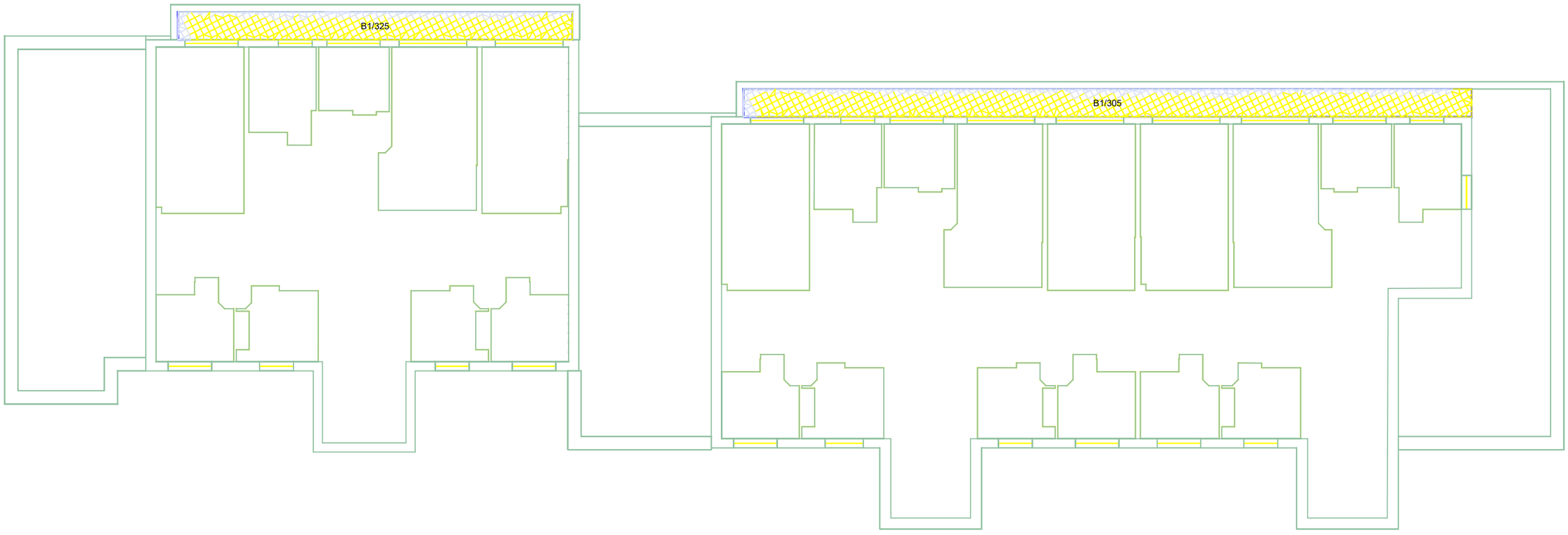
Project No.	Drawing No.	Revision
HA163_15	BRE_12	-

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B1/325	0.00 - 120.00 mins:	4.84m2	20.21%
	Area over 120.00 mins	19.11m2	79.79%

B1/305	0.00 - 120.00 mins:	8.78m2	19.85%
	Area over 120.00 mins	35.45m2	80.15%



5TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

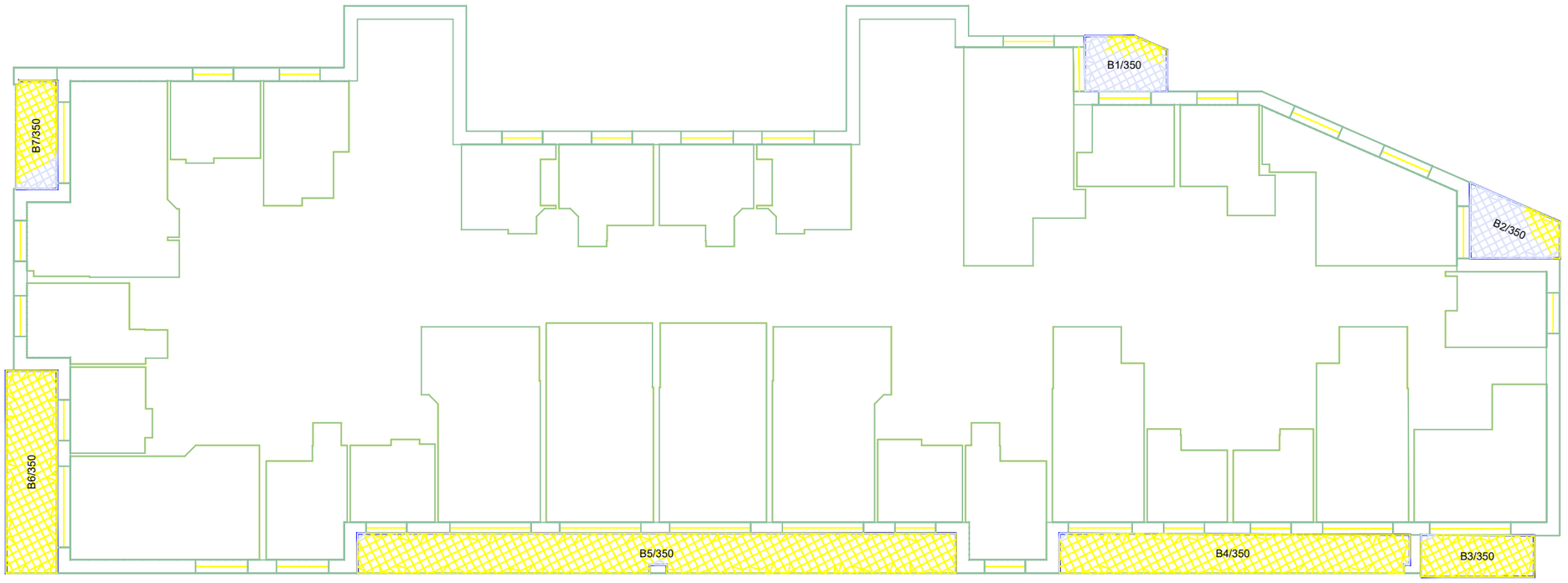
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK B

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_13	-

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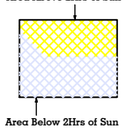
B1/350	0.00 - 120.00 mins:	5.08m2	77.50%
	Area over 120.00 mins	1.47m2	22.50%
B2/350	0.00 - 120.00 mins:	6.11m2	80.73%
	Area over 120.00 mins	1.53m2	19.97%
B3/350	0.00 - 120.00 mins:	0.09m2	1.32%
	Area over 120.00 mins	7.03m2	98.52%
B4/350	0.00 - 120.00 mins:	0.10m2	0.48%
	Area over 120.00 mins	20.53m2	99.52%

B5/350	0.00 - 120.00 mins:	0.13m2	0.37%
	Area over 120.00 mins	35.76m2	99.63%
B6/350	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	15.67m2	100.00%
B7/350	0.00 - 120.00 mins:	1.23m2	18.37%
	Area over 120.00 mins	5.48m2	81.63%

GROUND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

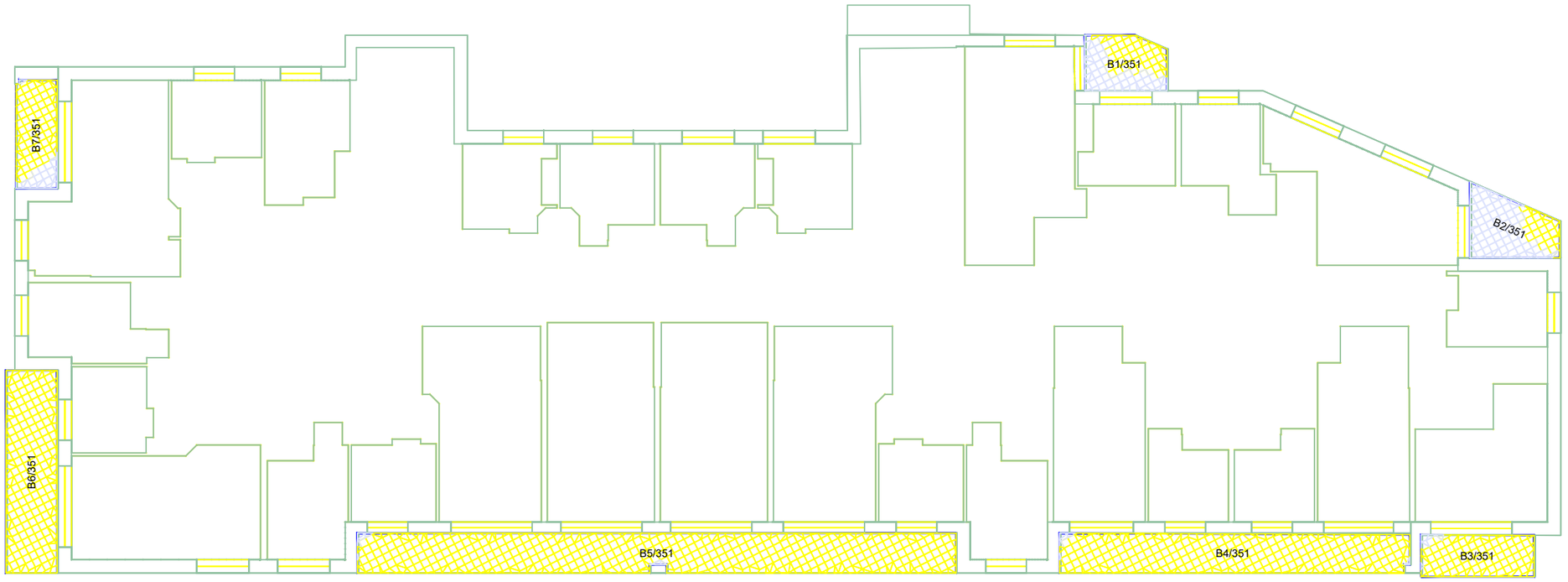
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_14	-

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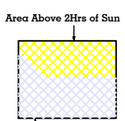
B1/351	0.00 - 120.00 mins:	3.25m2	49.65%
	Area over 120.00 mins	3.30m2	50.35%
B2/351	0.00 - 120.00 mins:	5.73m2	75.07%
	Area over 120.00 mins	1.90m2	24.93%
B3/351	0.00 - 120.00 mins:	0.31m2	4.30%
	Area over 120.00 mins	6.82m2	95.70%
B4/351	0.00 - 120.00 mins:	0.16m2	0.77%
	Area over 120.00 mins	20.47m2	99.23%

B5/351	0.00 - 120.00 mins:	0.20m2	0.54%
	Area over 120.00 mins	35.70m2	99.46%
B6/351	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	15.67m2	100.00%
B7/351	0.00 - 120.00 mins:	1.18m2	17.56%
	Area over 120.00 mins	5.54m2	82.44%

1ST FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

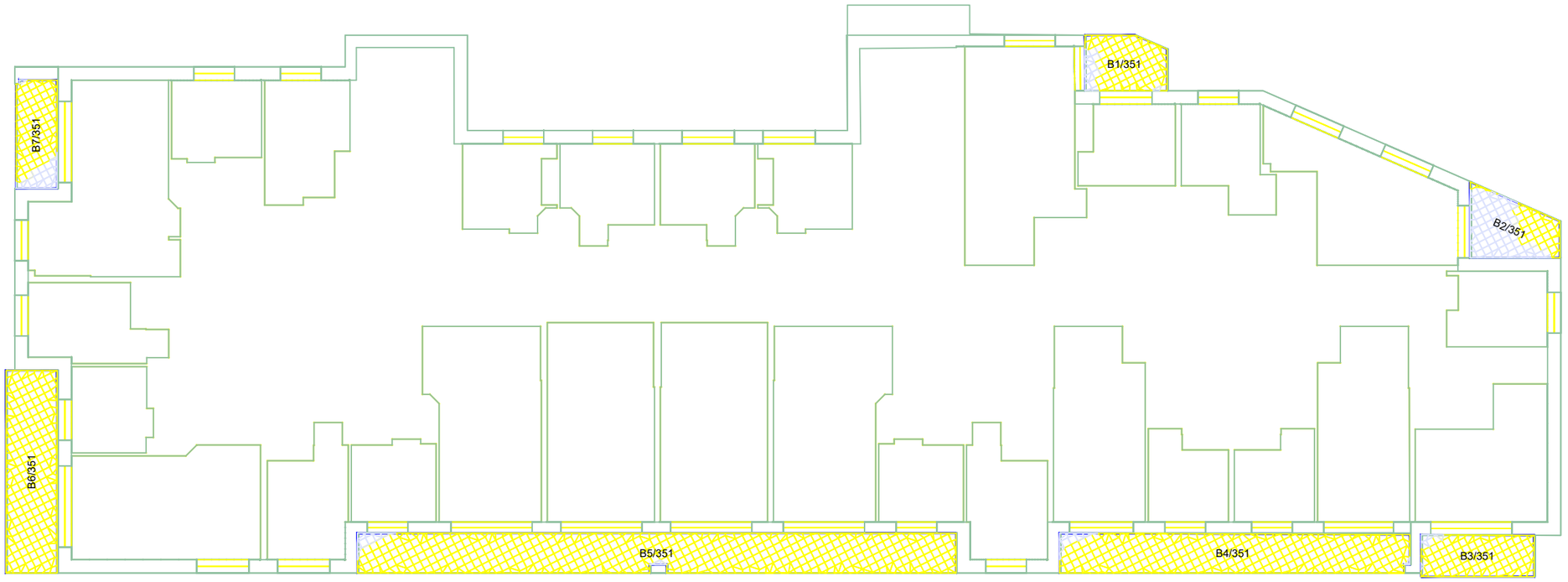
Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_15	BRE_15	-

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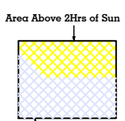
B1/352	0.00 - 120.00 mins:	0.86m2	13.09%
	Area over 120.00 mins	5.69m2	86.91%
B2/352	0.00 - 120.00 mins:	5.14m2	67.33%
	Area over 120.00 mins	2.49m2	32.67%
B3/352	0.00 - 120.00 mins:	0.31m2	4.30%
	Area over 120.00 mins	6.82m2	95.70%
B4/352	0.00 - 120.00 mins:	0.48m2	2.31%
	Area over 120.00 mins	20.15m2	97.69%

B5/352	0.00 - 120.00 mins:	0.52m2	1.44%
	Area over 120.00 mins	35.38m2	98.56%
B6/352	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	15.67m2	100.00%
B7/352	0.00 - 120.00 mins:	1.18m2	17.56%
	Area over 120.00 mins	5.54m2	82.44%

2ND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

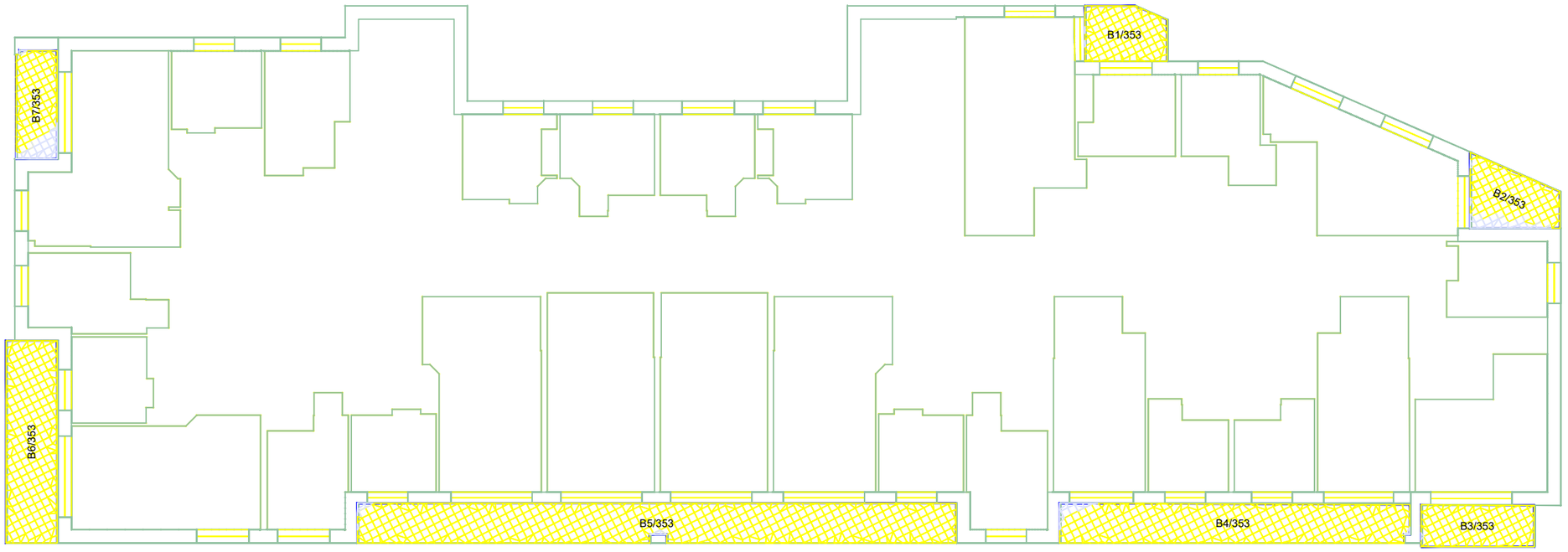
Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_15	BRE_16	-

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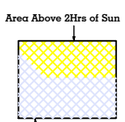
B1/353	0.00 - 120.00 mins:	0.00m2	0.03%
	Area over 120.00 mins	6.55m2	99.97%
B2/353	0.00 - 120.00 mins:	1.16m2	15.19%
	Area over 120.00 mins	6.48m2	84.81%
B3/353	0.00 - 120.00 mins:	0.01m2	0.20%
	Area over 120.00 mins	7.11m2	99.80%
B4/353	0.00 - 120.00 mins:	0.48m2	2.31%
	Area over 120.00 mins	20.15m2	97.69%

B5/353	0.00 - 120.00 mins:	0.20m2	2.31%
	Area over 120.00 mins	35.70m2	97.69%
B6/353	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	15.67m2	100.00%
B7/353	0.00 - 120.00 mins:	1.18m2	17.56%
	Area over 120.00 mins	5.54m2	82.44%

3RD FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

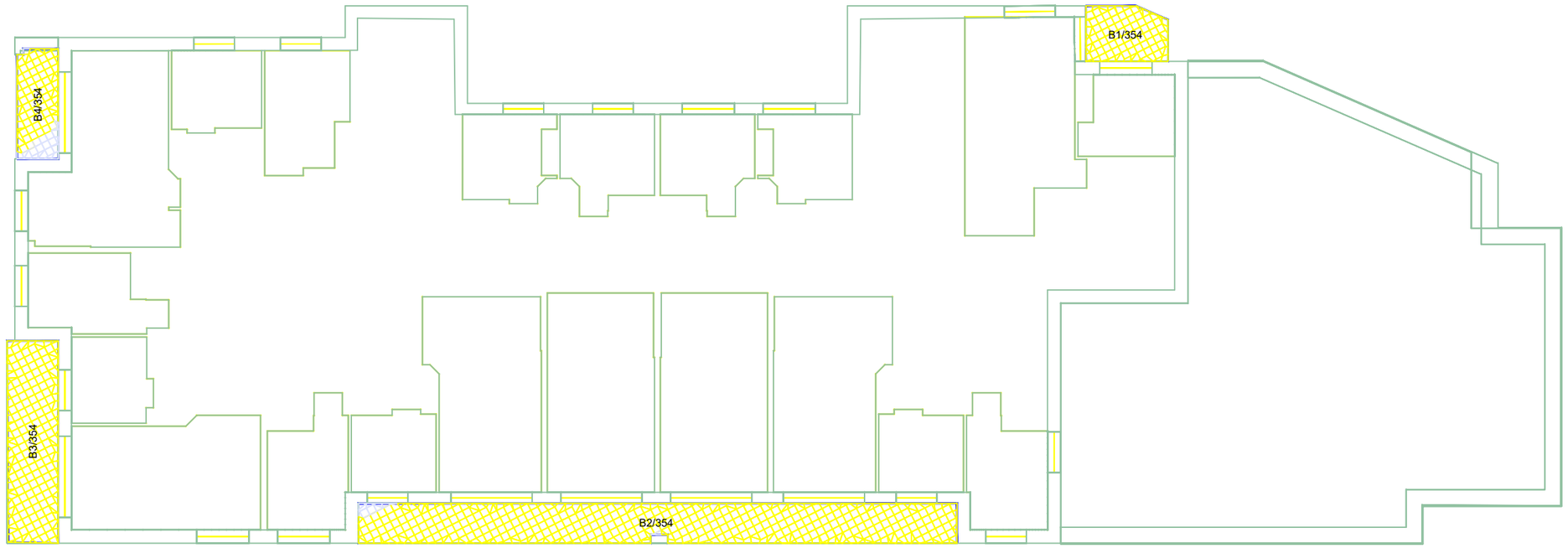
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_17	-

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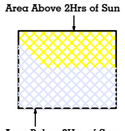


B1/354	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.56m2	100.00%
B2/354	0.00 - 120.00 mins:	0.47m2	1.30%
	Area over 120.00 mins	35.43m2	98.70%
B3/354	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	15.48m2	100.00%
B4/354	0.00 - 120.00 mins:	1.23m2	18.05%
	Area over 120.00 mins	5.58m2	81.95%

4TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

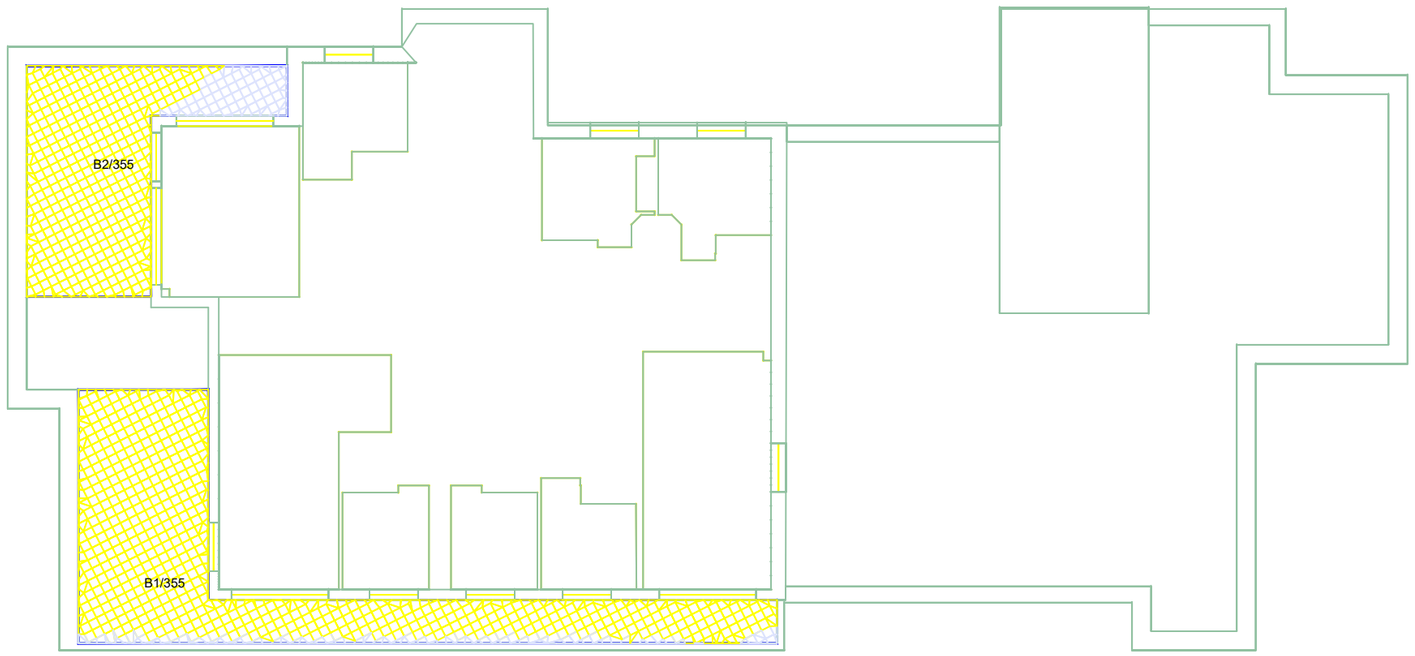
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_18	-

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B1/355	0.00 - 120.00 mins:	4.46m2	7.29%
	Area over 120.00 mins	56.70m2	92.71%
B2/355	0.00 - 120.00 mins:	5.14m2	13.63%
	Area over 120.00 mins	32.57m2	86.37%

5TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK C

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_19	-

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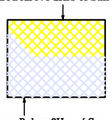
B1/360	0.00 - 120.00 mins:	1.30m2	18.9%
	Area over 120.00 mins	55.88m2	81.91%
B2/360	0.00 - 120.00 mins:	0.37m2	3.41%
	Area over 120.00 mins	10.50m2	96.59%
B3/360	0.00 - 120.00 mins:	1.05m2	10.40%
	Area over 120.00 mins	9.08m2	89.60%
B4/360	0.00 - 120.00 mins:	2.52m2	23.49%
	Area over 120.00 mins	8.20m2	76.51%

B5/360	0.00 - 120.00 mins:	1.55m2	19.34%
	Area over 120.00 mins	6.48m2	80.66%
B6/360	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.89m2	100.00%
B7/360	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.16m2	100.00%

GROUND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_20	-

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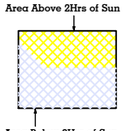
B1/361	0.00 - 120.00 mins:	1.30m2	18.09%
	Area over 120.00 mins	5.88m2	81.91%
B2/361	0.00 - 120.00 mins:	0.37m2	3.41%
	Area over 120.00 mins	10.50m2	96.59%
B3/361	0.00 - 120.00 mins:	0.89m2	8.79%
	Area over 120.00 mins	9.24m2	91.21%
B4/361	0.00 - 120.00 mins:	2.40m2	22.40%
	Area over 120.00 mins	8.31m2	77.60%

B5/361	0.00 - 120.00 mins:	1.12m2	13.94%
	Area over 120.00 mins	6.91m2	86.06%
B6/361	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.89m2	100.00%
B7/361	0.00 - 120.00 mins:	0.06m2	0.54%
	Area over 120.00 mins	11.10m2	99.46%

1ST FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_21	-

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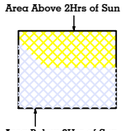
B1/362	0.00 - 120.00 mins:	1.30m2	18.09%
	Area over 120.00 mins	5.88m2	81.91%
B2/362	0.00 - 120.00 mins:	0.37m2	3.41%
	Area over 120.00 mins	10.50m2	96.59%
B3/362	0.00 - 120.00 mins:	0.68m2	6.71%
	Area over 120.00 mins	9.45m2	93.29%
B4/362	0.00 - 120.00 mins:	2.20m2	20.55%
	Area over 120.00 mins	8.51m2	79.45%

B5/362	0.00 - 120.00 mins:	0.92m2	11.47%
	Area over 120.00 mins	7.11m2	88.53%
B6/362	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.89m2	100.00%
B7/362	0.00 - 120.00 mins:	0.06m2	0.54%
	Area over 120.00 mins	11.10m2	99.46%

2ND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_22	-

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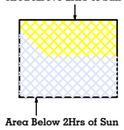
B1/363	0.00 - 120.00 mins:	1.30m2	18.09%
	Area over 120.00 mins	5.88m2	81.91%
B2/363	0.00 - 120.00 mins:	0.37m2	3.41%
	Area over 120.00 mins	10.50m2	96.59%
B3/363	0.00 - 120.00 mins:	1.05m2	10.40%
	Area over 120.00 mins	9.08m2	89.60%
B4/363	0.00 - 120.00 mins:	2.52m2	23.49%
	Area over 120.00 mins	8.20m2	76.51%

B5/363	0.00 - 120.00 mins:	1.55m2	19.34%
	Area over 120.00 mins	6.48m2	80.66%
B6/363	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.89m2	100.00%
B7/363	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.16m2	100.00%

3RD FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_23	-

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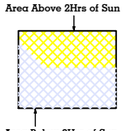
B1/364	0.00 - 120.00 mins:	1.30m2	18.09%
	Area over 120.00 mins	5.88m2	81.91%
B2/364	0.00 - 120.00 mins:	0.37m2	3.41%
	Area over 120.00 mins	10.50m2	96.59%
B3/364	0.00 - 120.00 mins:	0.68m2	6.71%
	Area over 120.00 mins	9.45m2	93.29%
B4/364	0.00 - 120.00 mins:	1.91m2	17.84%
	Area over 120.00 mins	8.80m2	82.16%

B5/364	0.00 - 120.00 mins:	0.70m2	8.66%
	Area over 120.00 mins	7.34m2	91.34%
B6/364	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.89m2	100.00%
B7/364	0.00 - 120.00 mins:	0.06m2	0.54%
	Area over 120.00 mins	11.10m2	99.46%

4TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_24	-

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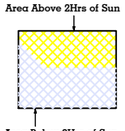
B1/365	0.00 - 120.00 mins:	1.30m2	18.09%
	Area over 120.00 mins	5.88m2	81.91%
B2/365	0.00 - 120.00 mins:	0.37m2	3.41%
	Area over 120.00 mins	10.50m2	96.59%
B3/365	0.00 - 120.00 mins:	0.68m2	6.71%
	Area over 120.00 mins	9.45m2	93.29%
B4/365	0.00 - 120.00 mins:	1.91m2	17.84%
	Area over 120.00 mins	8.80m2	82.16%

B5/365	0.00 - 120.00 mins:	0.70m2	8.66%
	Area over 120.00 mins	7.34m2	91.34%
B6/365	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.89m2	100.00%
B7/365	0.00 - 120.00 mins:	0.06m2	0.54%
	Area over 120.00 mins	11.10m2	99.46%

5TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_25	-

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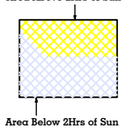
B1/366	0.00 - 120.00 mins:	1.30m2	18.09%
	Area over 120.00 mins	5.88m2	81.91%
B2/366	0.00 - 120.00 mins:	0.37m2	3.41%
	Area over 120.00 mins	10.50m2	96.59%
B3/366	0.00 - 120.00 mins:	0.68m2	6.71%
	Area over 120.00 mins	9.45m2	93.29%
B4/366	0.00 - 120.00 mins:	1.91m2	17.84%
	Area over 120.00 mins	8.80m2	82.16%

B5/366	0.00 - 120.00 mins:	0.70m2	8.66%
	Area over 120.00 mins	7.34m2	91.34%
B6/366	0.00 - 120.00 mins:	0.70m2	8.66%
	Area over 120.00 mins	7.34m2	91.34%
B7/366	0.00 - 120.00 mins:	0.06m2	0.54%
	Area over 120.00 mins	11.10m2	99.46%

6TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

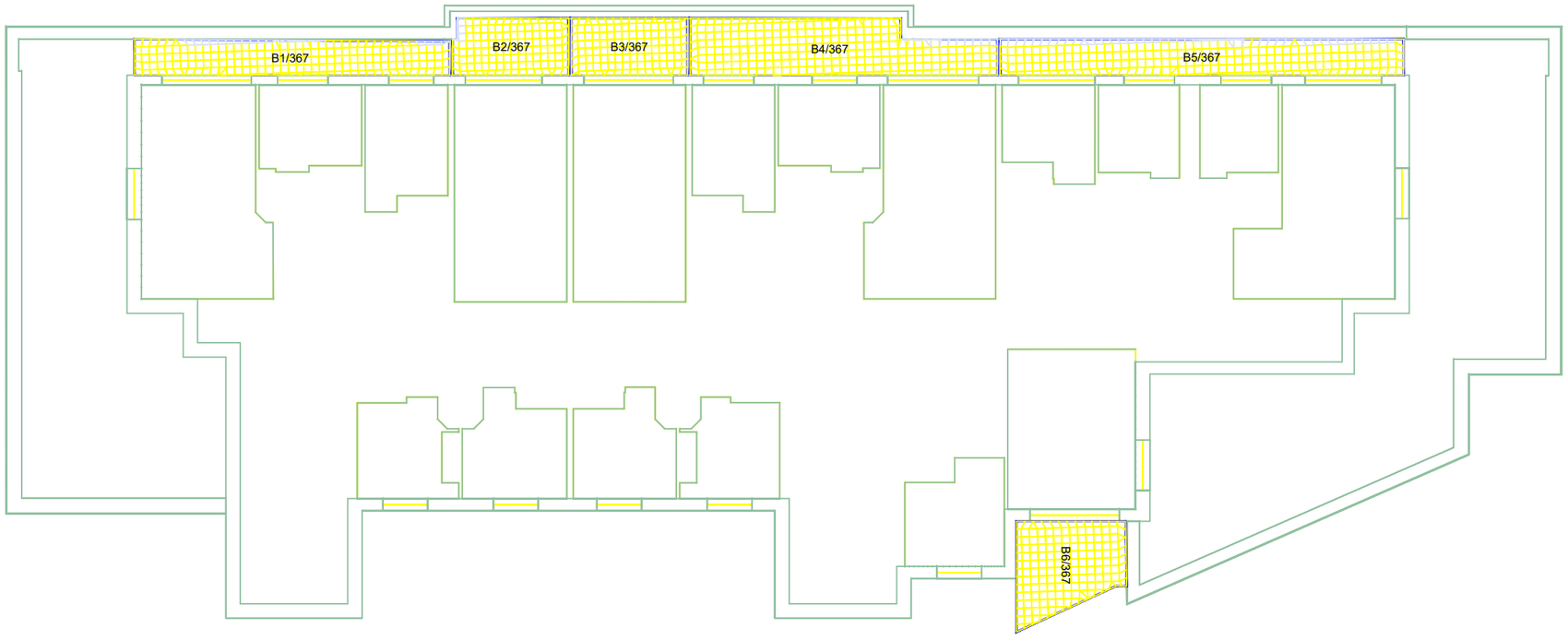
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_26	-

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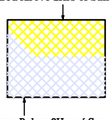
B1/367	0.00 - 120.00 mins:	0.67m2	4.90%
	Area over 120.00 mins	13.10m2	95.10%
B2/367	0.00 - 120.00 mins:	0.24m2	3.00%
	Area over 120.00 mins	7.92m2	97.00%
B3/367	0.00 - 120.00 mins:	0.00m2	2.88%
	Area over 120.00 mins	8.34m2	97.12%
B4/367	0.00 - 120.00 mins:	0.56m2	2.88%
	Area over 120.00 mins	18.81m2	97.12%

B5/367	0.00 - 120.00 mins:	2.24m2	12.32%
	Area over 120.00 mins	15.94m2	87.68%
B6/367	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.74m2	100.00%

7TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

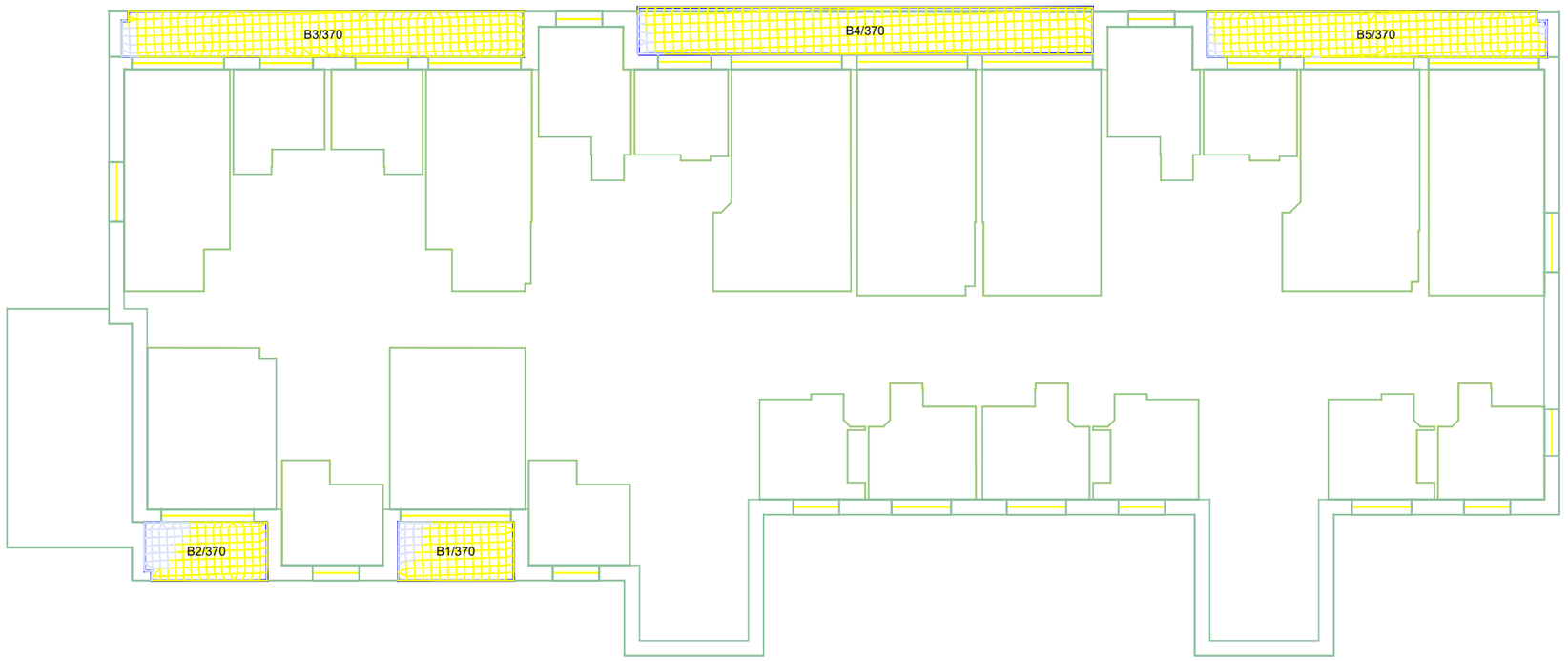
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK D

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_27	-

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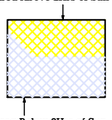
B1/370	0.00 - 120.00 mins:	1.08m2	13.71%
	Area over 120.00 mins	6.81m2	86.29%
B2/370	0.00 - 120.00 mins:	1.95m2	23.59%
	Area over 120.00 mins	6.32m2	76.41%
B3/370	0.00 - 120.00 mins:	0.60m2	2.82%
	Area over 120.00 mins	20.62m2	97.18%

B4/370	0.00 - 120.00 mins:	0.62m2	2.47%
	Area over 120.00 mins	24.43m2	97.53%
B5/370	0.00 - 120.00 mins:	0.58m2	3.25%
	Area over 120.00 mins	17.37m2	96.75%

GROUND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

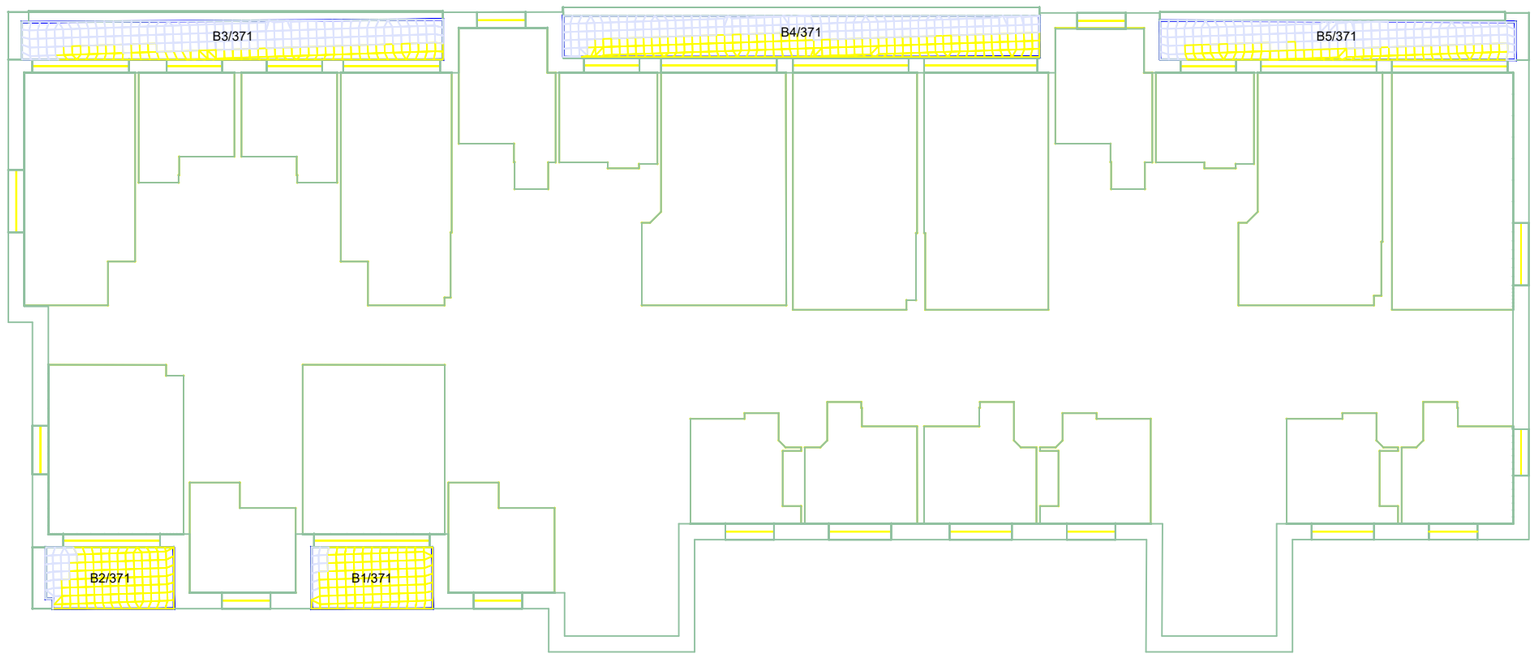
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_28	-

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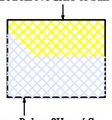
B1/371	0.00 - 120.00 mins:	0.64m2	8.13%
	Area over 120.00 mins	7.25m2	91.87%
B2/371	0.00 - 120.00 mins:	1.26m2	15.23%
	Area over 120.00 mins	7.01m2	84.77%
B3/371	0.00 - 120.00 mins:	12.17m2	70.15%
	Area over 120.00 mins	5.18m2	29.85%

B4/371	0.00 - 120.00 mins:	10.85m2	52.24%
	Area over 120.00 mins	9.92m2	47.76%
B5/371	0.00 - 120.00 mins:	9.86m2	67.65%
	Area over 120.00 mins	4.71m2	62.35%

1ST FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

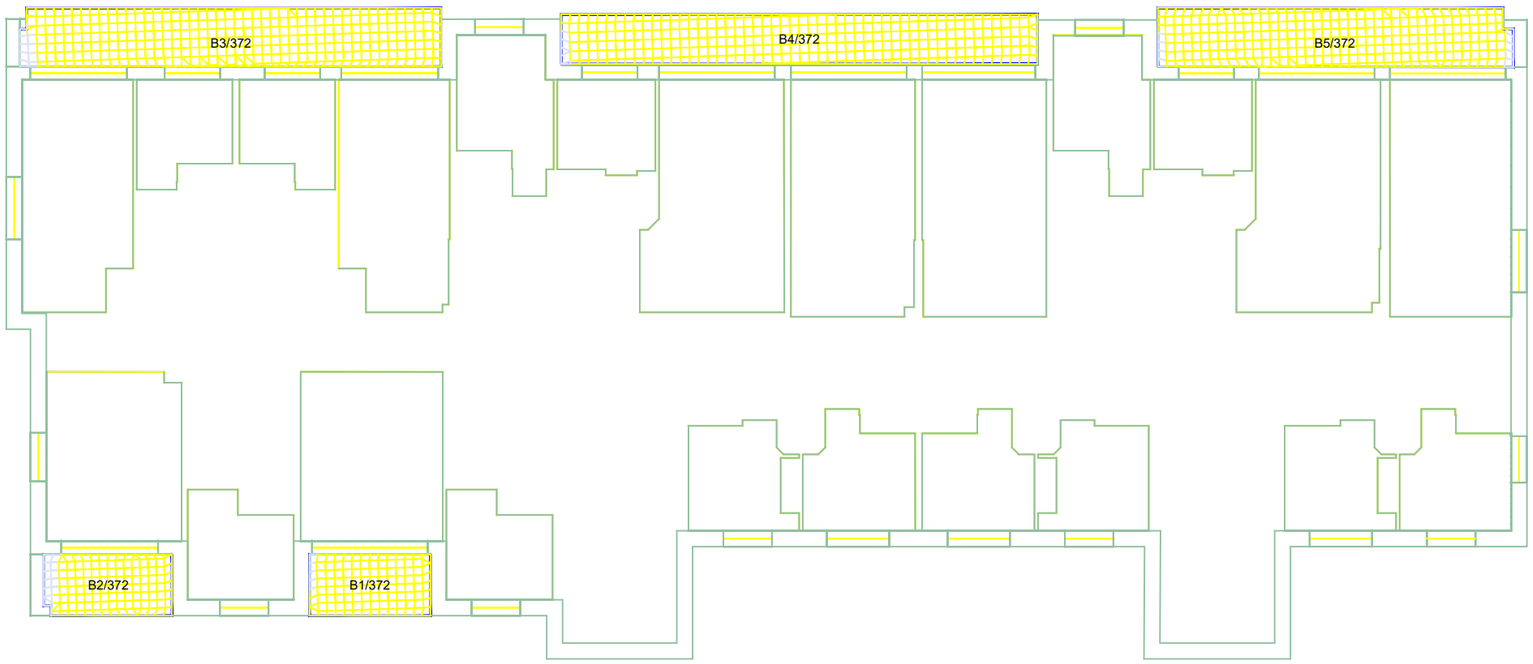
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_29	-

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B1/372	0.00 - 120.00 mins:	0.27m2	3.43%
	Area over 120.00 mins	7.63m2	96.57%
B2/372	0.00 - 120.00 mins:	0.77m2	9.27%
	Area over 120.00 mins	7.51m2	90.73%
B3/372	0.00 - 120.00 mins:	0.64m2	2.46%
	Area over 120.00 mins	25.43m2	97.54%

B4/372	0.00 - 120.00 mins:	0.29m2	1.17%
	Area over 120.00 mins	24.76m2	98.83%
B5/372	0.00 - 120.00 mins:	0.61m2	2.79%
	Area over 120.00 mins	21.39m2	97.21%

2ND FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

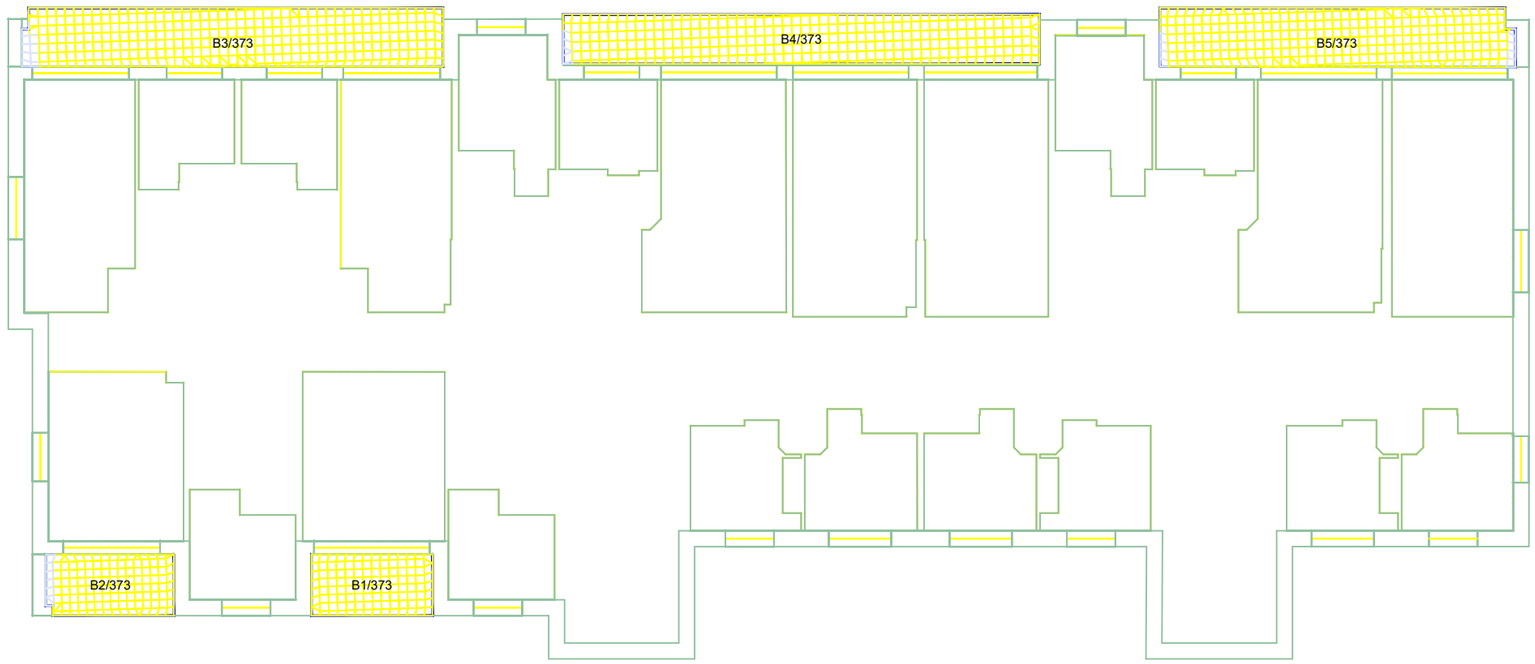
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_30	-

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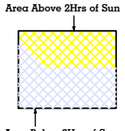
B1/373	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.90m2	100.00%
B2/373	0.00 - 120.00 mins:	0.41m2	4.91%
	Area over 120.00 mins	7.87m2	95.09%
B3/373	0.00 - 120.00 mins:	0.64m2	2.46%
	Area over 120.00 mins	25.43m2	97.54%

B4/373	0.00 - 120.00 mins:	1.02m2	4.08%
	Area over 120.00 mins	24.03m2	95.92%
B5/373	0.00 - 120.00 mins:	1.07m2	4.84%
	Area over 120.00 mins	20.94m2	95.16%

3RD FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

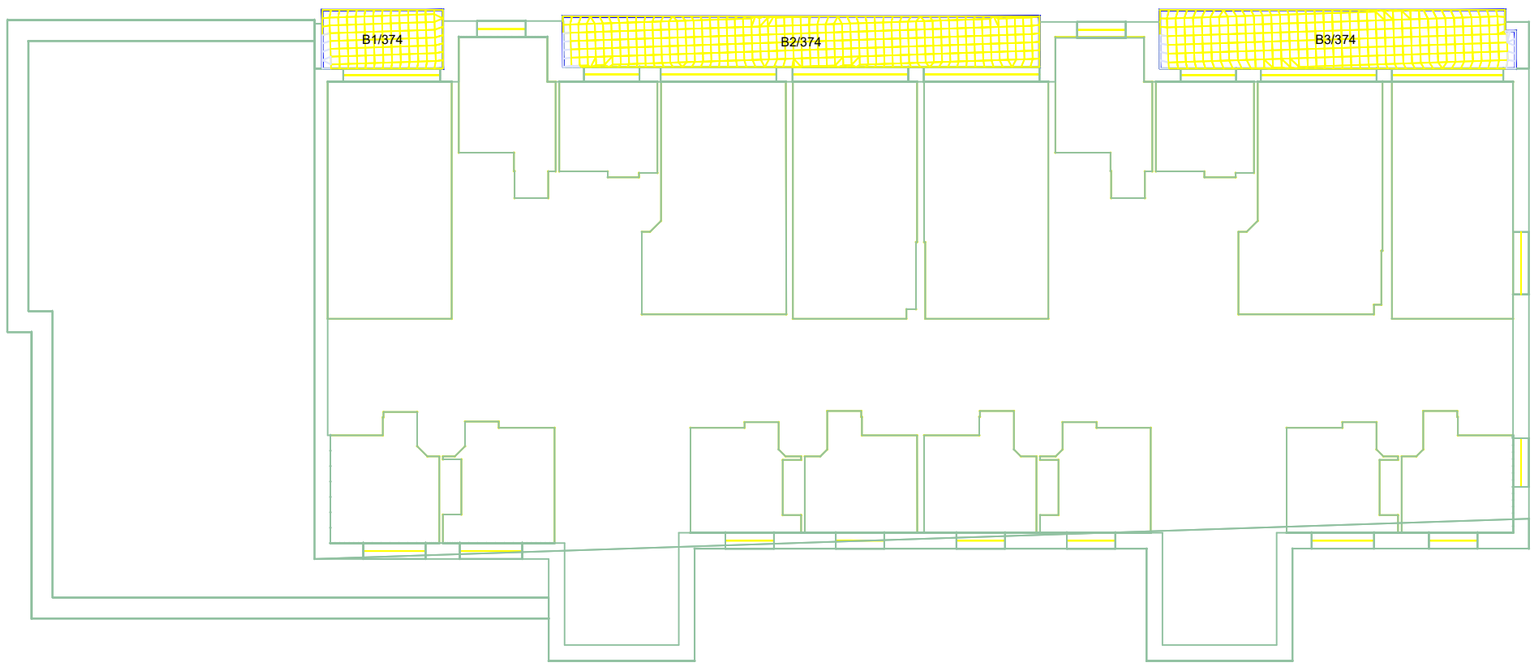
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_31	-

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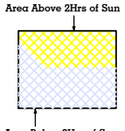


B1/374	0.00 - 120.00 mins:	0.30m2	3.98%
	Area over 120.00 mins	7.21m2	96.02%
B2/374	0.00 - 120.00 mins:	0.30m2	1.15%
	Area over 120.00 mins	25.35m2	98.85%
B3/374	0.00 - 120.00 mins:	0.62m2	2.83%
	Area over 120.00 mins	21.29m2	96.02%

4TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

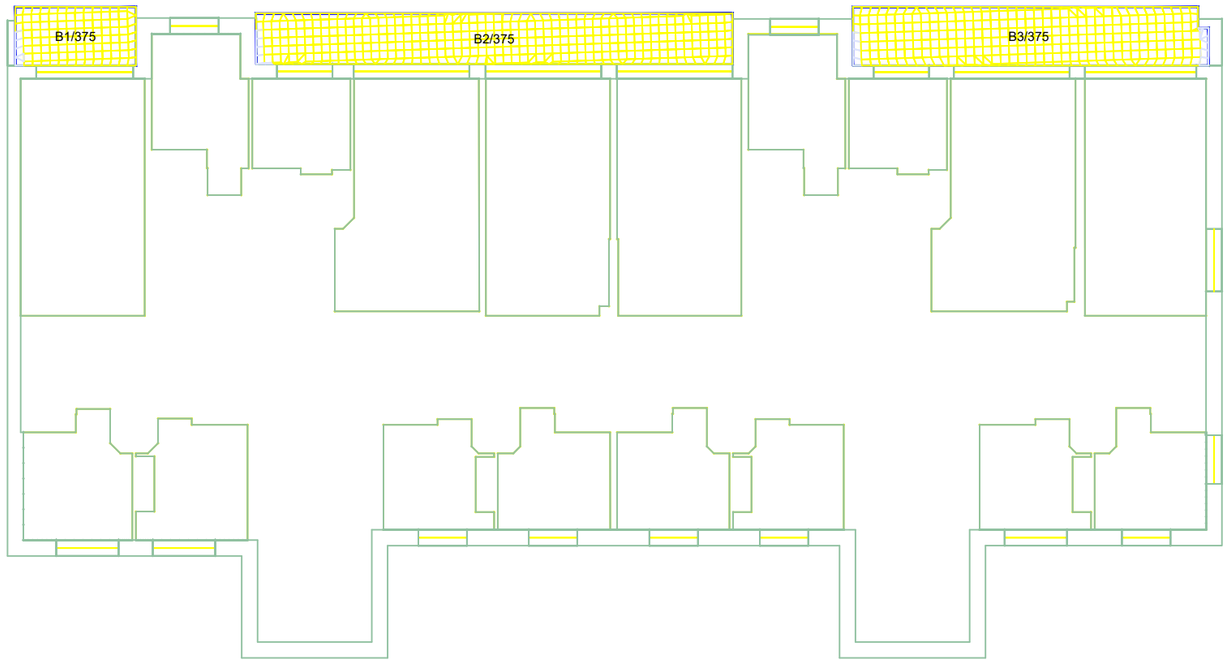
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_32	-

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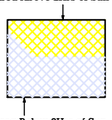


B1/375	0.00 - 120.00 mins:	0.30m2	3.98%
	Area over 120.00 mins	7.21m2	96.02%
B2/375	0.00 - 120.00 mins:	0.30m2	1.15%
	Area over 120.00 mins	25.35m2	98.85%
B3/375	0.00 - 120.00 mins:	0.62m2	2.83%
	Area over 120.00 mins	21.29m2	97.17%

5TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords.Dublin_HD_MASTER	002188_Hartfield-Swords.Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

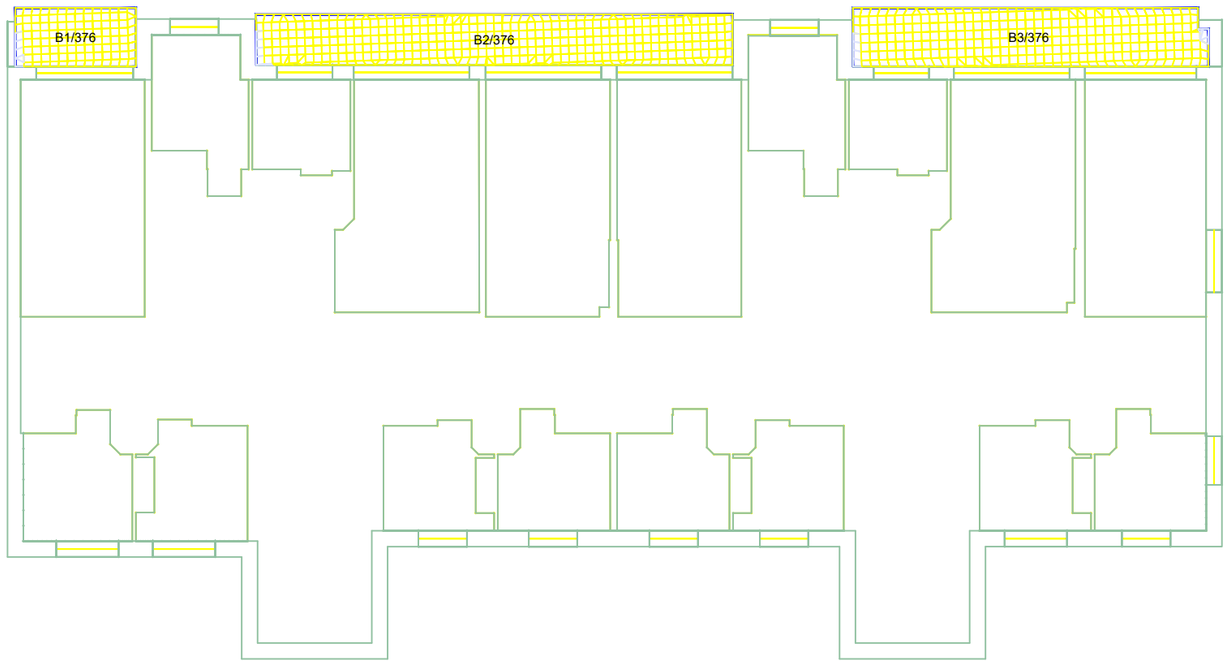
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_33	-

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B1/376	0.00 - 120.00 mins:	0.30m2	3.98%
	Area over 120.00 mins	7.21m2	96.02%
B2/376	0.00 - 120.00 mins:	0.30m2	1.15%
	Area over 120.00 mins	25.35m2	98.85%
B3/376	0.00 - 120.00 mins:	0.41m2	1.86%
	Area over 120.00 mins	21.51m2	98.85%

6TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords.Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords.Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

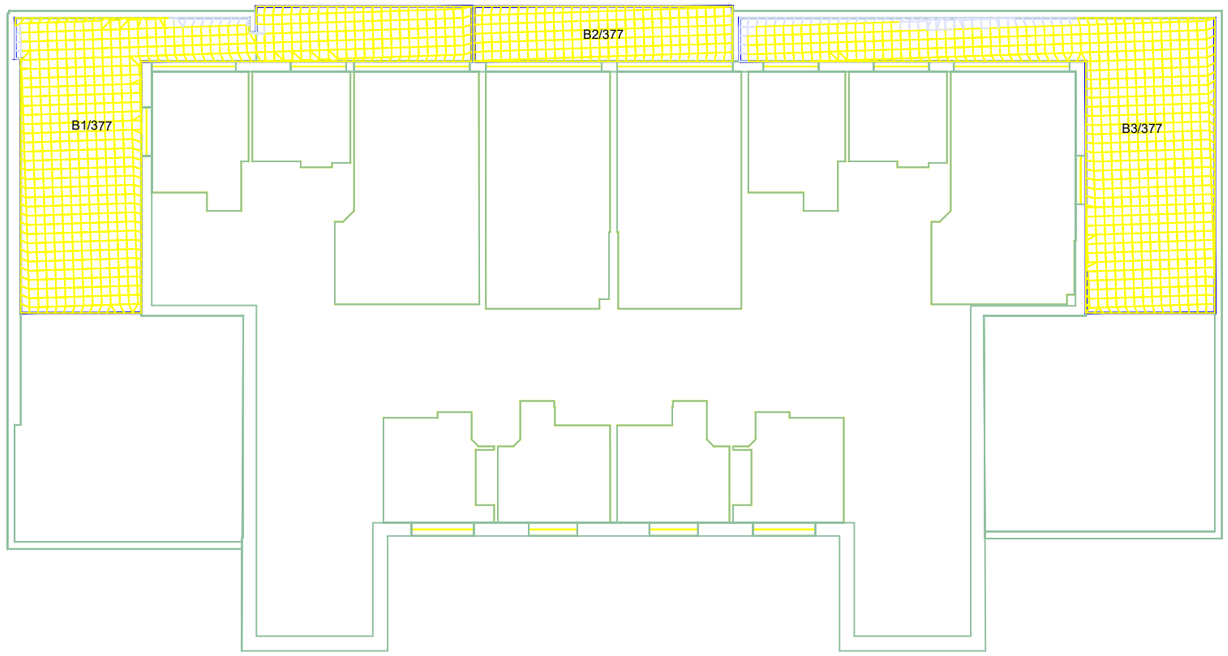
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_34	-

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B1/377	0.00 - 120.00 mins:	0.94m2	1.68%
	Area over 120.00 mins	54.86m2	98.32%
B2/377	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	15.06m2	100.00%
B3/377	0.00 - 120.00 mins:	3.40m2	6.03%
	Area over 120.00 mins	52.96m2	93.97%

7TH FLOOR

Key:

Area Above 2Hrs of Sun

Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

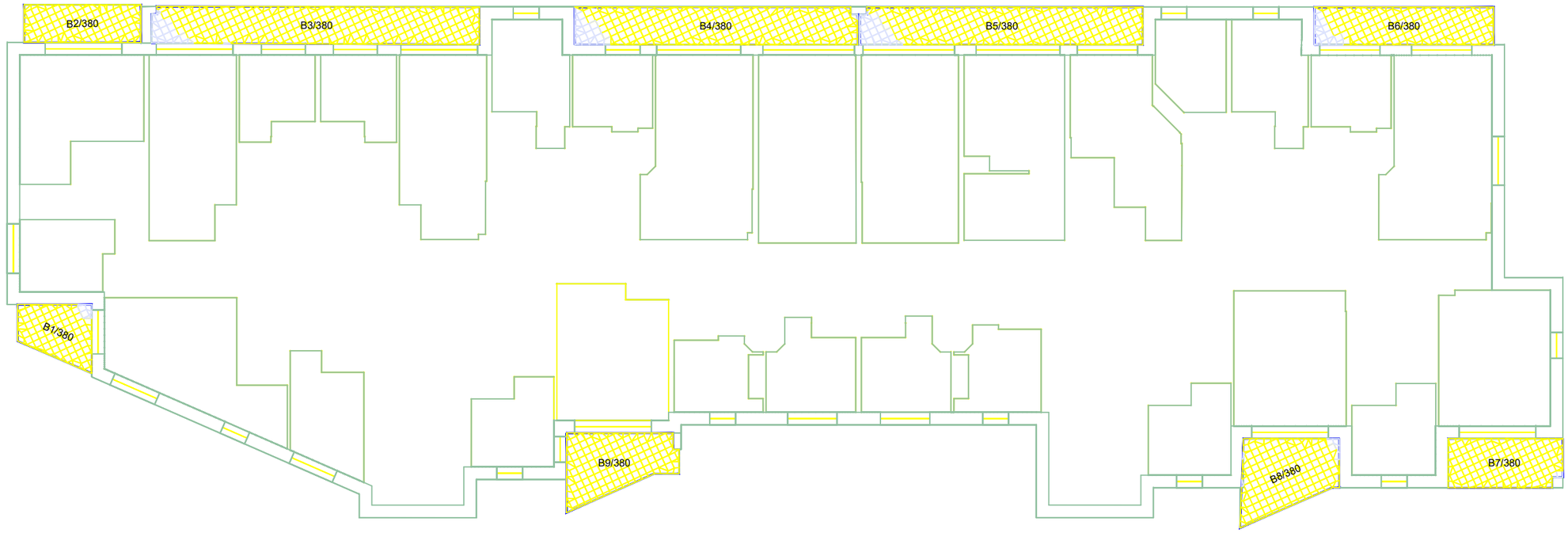
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK E

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_35	-

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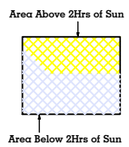


B1/380	0.00 - 120.00 mins:	0.28m2	4.19%
	Area over 120.00 mins	6.34m2	95.81%
B2/380	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.47m2	100.00%
B3/380	0.00 - 120.00 mins:	1.33m2	6.44%
	Area over 120.00 mins	19.28m2	93.56%
B4/380	0.00 - 120.00 mins:	1.38m2	7.67%
	Area over 120.00 mins	16.60m2	92.33%
B5/380	0.00 - 120.00 mins:	1.55m2	8.64%
	Area over 120.00 mins	16.43m2	91.36%

B6/380	0.00 - 120.00 mins:	1.05m2	9.19%
	Area over 120.00 mins	10.39m2	90.81%
B7/380	0.00 - 120.00 mins:	0.11m2	1.22%
	Area over 120.00 mins	9.27m2	98.78%
B8/380	0.00 - 120.00 mins:	0.26m2	2.35%
	Area over 120.00 mins	10.89m2	97.65%
B9/380	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	10.51m2	100.00%

GROUND FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

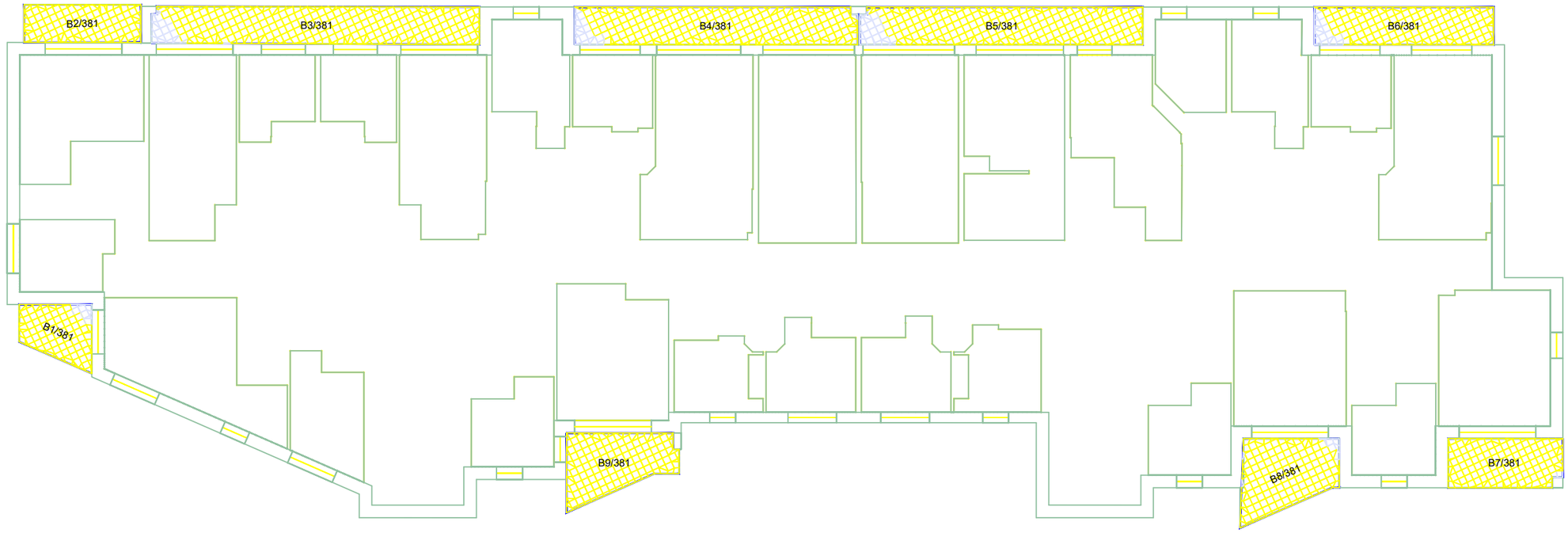
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK F

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_36	-

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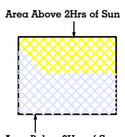
B1/381	0.00 - 120.00 mins:	0.47m2	7.23%
	Area over 120.00 mins	6.06m2	92.77%
B2/381	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.47m2	100.00%
B3/381	0.00 - 120.00 mins:	1.21m2	5.89%
	Area over 120.00 mins	19.40m2	94.11%
B4/381	0.00 - 120.00 mins:	1.13m2	6.28%
	Area over 120.00 mins	16.85m2	93.72%
B5/381	0.00 - 120.00 mins:	1.44m2	8.01%
	Area over 120.00 mins	16.54m2	91.99%

B6/381	0.00 - 120.00 mins:	1.05m2	9.19%
	Area over 120.00 mins	10.39m2	90.81%
B7/381	0.00 - 120.00 mins:	0.11m2	1.22%
	Area over 120.00 mins	9.27m2	98.78%
B8/381	0.00 - 120.00 mins:	0.37m2	3.28%
	Area over 120.00 mins	10.79m2	96.72%
B9/381	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	10.51m2	100.00%

1ST FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

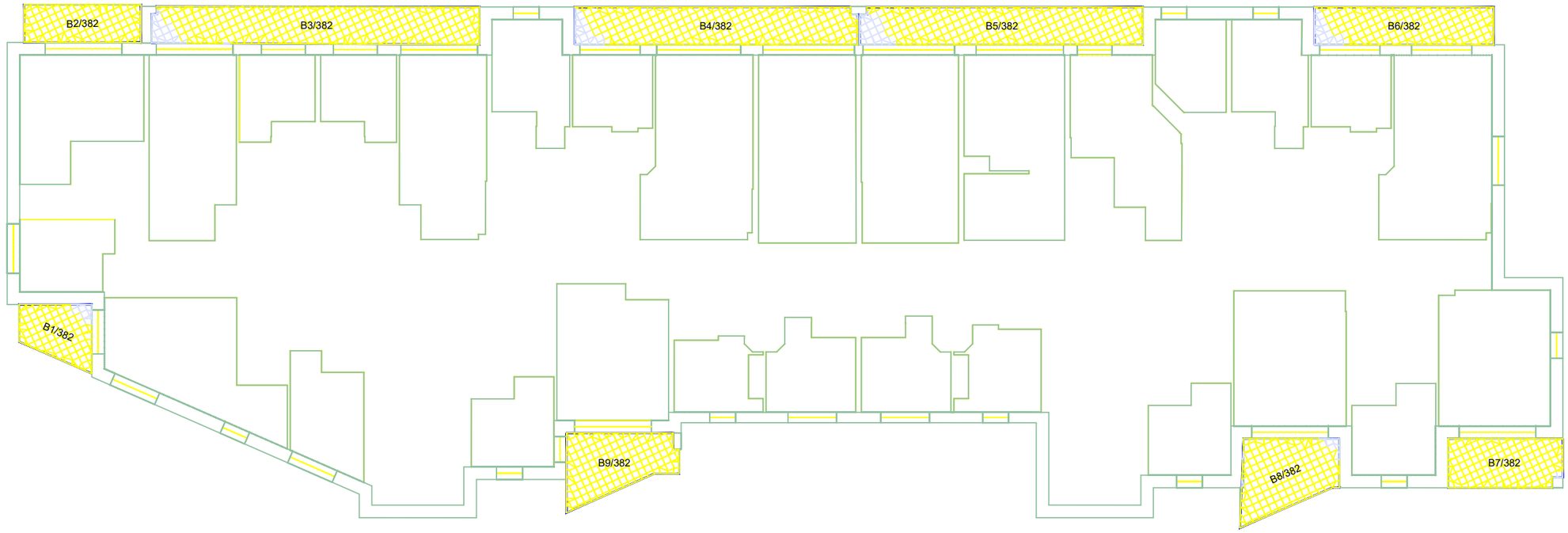
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK F

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_37	-

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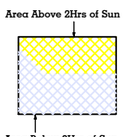
B1/382	0.00 - 120.00 mins:	0.47m2	7.23%
	Area over 120.00 mins	6.06m2	92.77%
B2/382	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.47m2	100.00%
B3/382	0.00 - 120.00 mins:	1.13m2	5.48%
	Area over 120.00 mins	16.85m2	94.52%
B4/382	0.00 - 120.00 mins:	1.13m2	6.28%
	Area over 120.00 mins	16.85m2	93.72%
B5/382	0.00 - 120.00 mins:	1.44m2	8.01%
	Area over 120.00 mins	16.54m2	91.99%

B6/382	0.00 - 120.00 mins:	1.05m2	9.19%
	Area over 120.00 mins	10.39m2	90.81%
B7/382	0.00 - 120.00 mins:	0.11m2	1.22%
	Area over 120.00 mins	9.27m2	98.78%
B8/382	0.00 - 120.00 mins:	0.37m2	3.28%
	Area over 120.00 mins	10.79m2	96.72%
B9/382	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	10.51m2	100.00%

2ND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

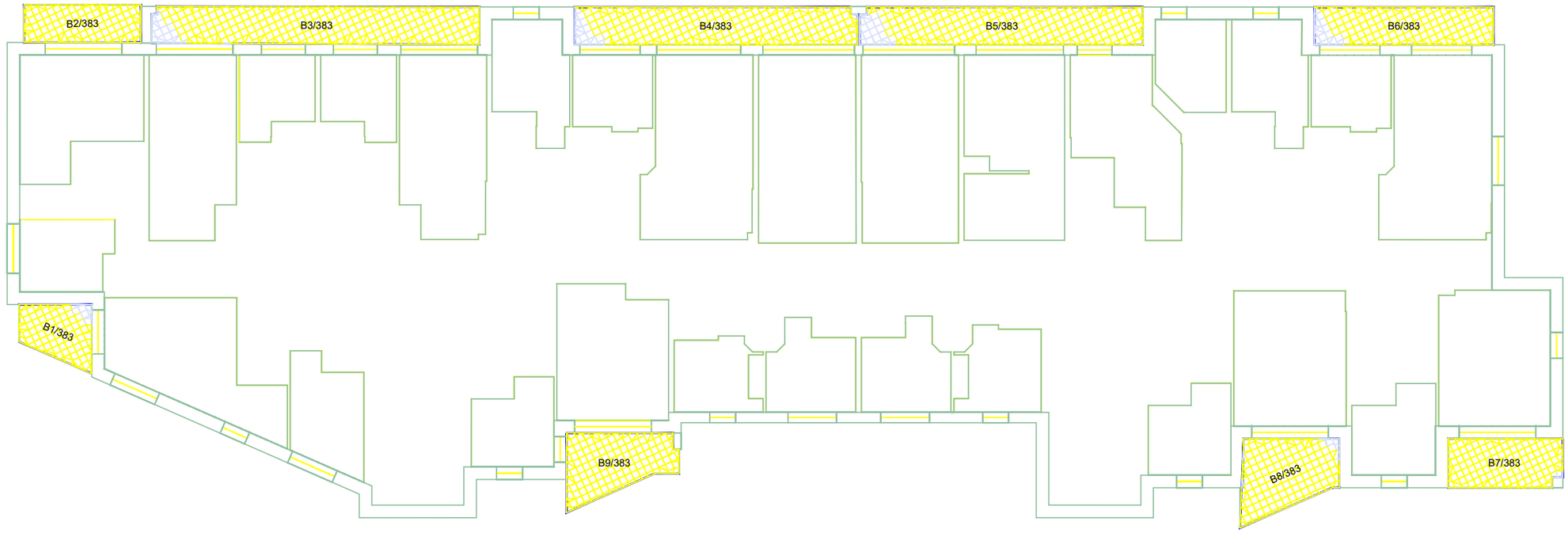
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK F

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_38	-

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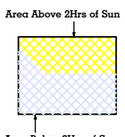
B1/383	0.00 - 120.00 mins:	0.47m2	7.23%
	Area over 120.00 mins	6.06m2	92.77%
B2/383	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.47m2	100.00%
B3/383	0.00 - 120.00 mins:	1.13m2	5.48%
	Area over 120.00 mins	19.48m2	94.52%
B4/383	0.00 - 120.00 mins:	1.13m2	6.28%
	Area over 120.00 mins	16.85m2	93.72%
B5/383	0.00 - 120.00 mins:	1.44m2	8.01%
	Area over 120.00 mins	16.54m2	91.99%

B6/383	0.00 - 120.00 mins:	1.05m2	9.19%
	Area over 120.00 mins	10.39m2	90.81%
B7/383	0.00 - 120.00 mins:	0.11m2	1.22%
	Area over 120.00 mins	9.27m2	98.78%
B8/383	0.00 - 120.00 mins:	0.37m2	3.28%
	Area over 120.00 mins	10.79m2	96.72%
B9/383	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	10.51m2	100.00%

3RD FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords.Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords.Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

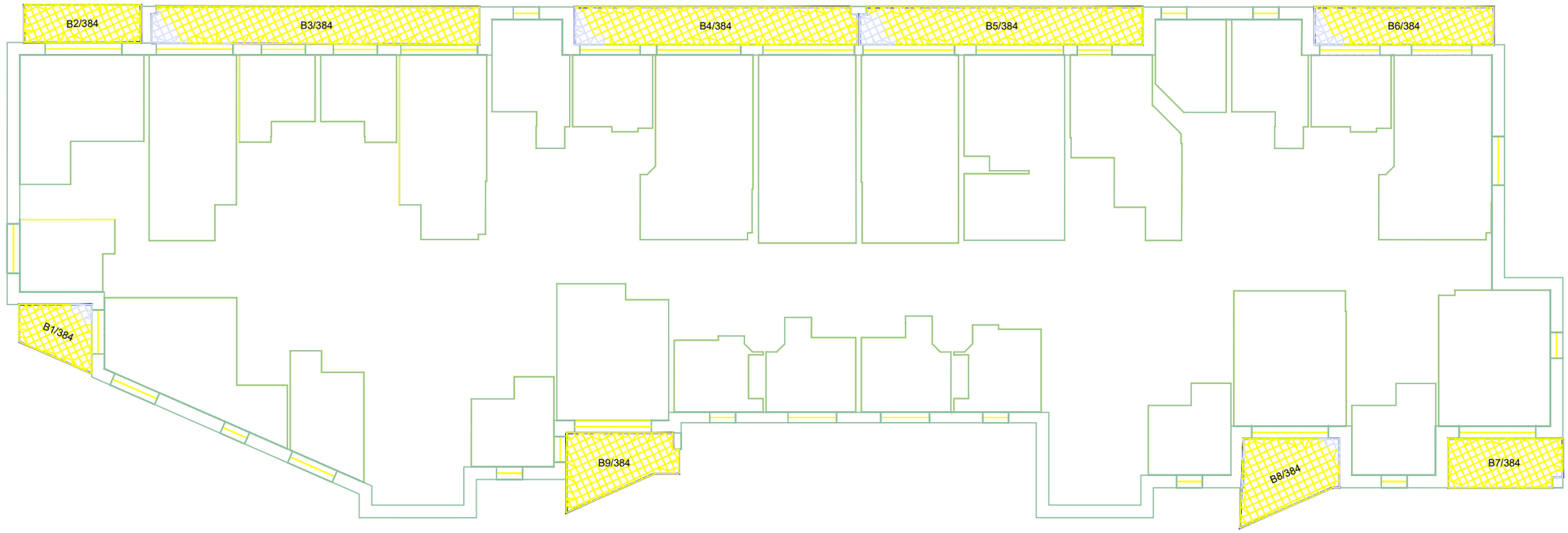
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK F

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_39	-

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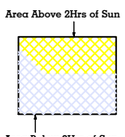
B1/384	0.00 - 120.00 mins:	0.47m2	7.23%
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B2/384	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	7.47m2	100.00%
B3/384	0.00 - 120.00 mins:	1.13m2	5.48%
	Area over 120.00 mins	16.85m2	94.52%
B4/384	0.00 - 120.00 mins:	1.13m2	6.28%
	Area over 120.00 mins	16.85m2	93.72%
B5/384	0.00 - 120.00 mins:	1.44m2	8.01%
	Area over 120.00 mins	16.54m2	91.99%

B6/384	0.00 - 120.00 mins:	1.05m2	9.19%
	Area over 120.00 mins	10.39m2	90.81%
B7/384	0.00 - 120.00 mins:	0.11m2	1.22%
	Area over 120.00 mins	9.27m2	98.78%
B8/384	0.00 - 120.00 mins:	0.37m2	3.28%
	Area over 120.00 mins	10.79m2	96.72%
B9/384	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	10.51m2	100.00%

4TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

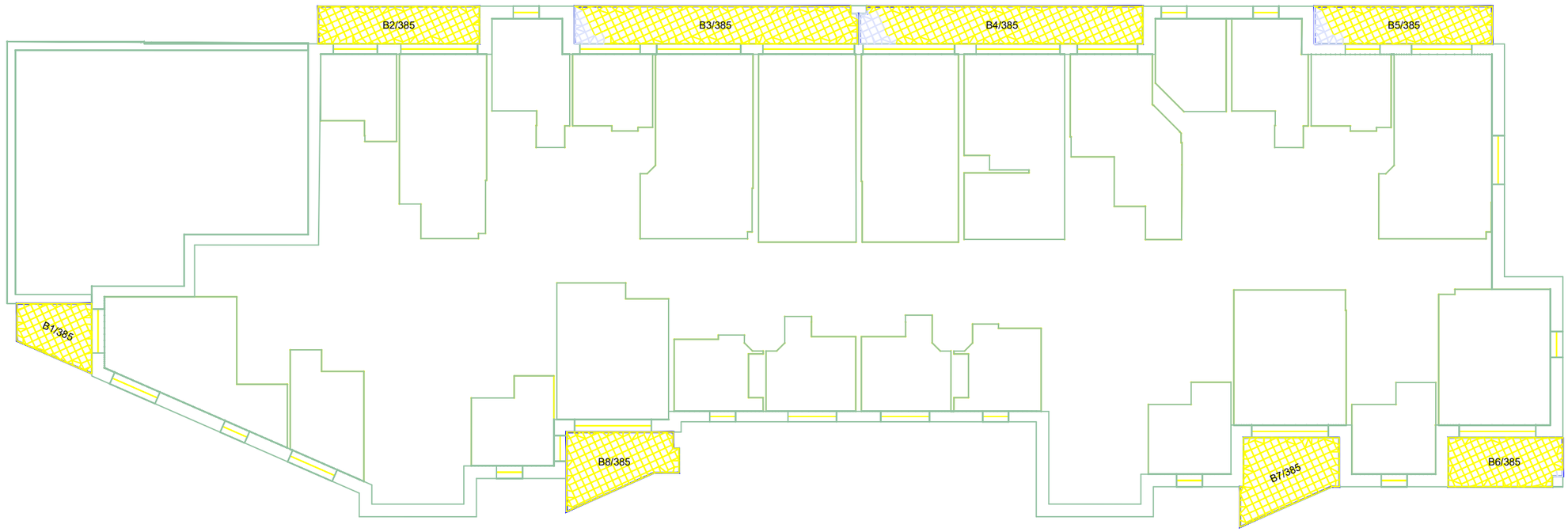
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK F

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_40	-

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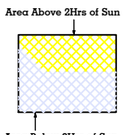
B1/385	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.81m2	100.00%
B2/385	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	10.24m2	100.00%
B3/385	0.00 - 120.00 mins:	1.13m2	6.28%
	Area over 120.00 mins	16.85m2	93.72%
B4/385	0.00 - 120.00 mins:	1.44m2	8.01%
	Area over 120.00 mins	16.54m2	91.89%
B5/385	0.00 - 120.00 mins:	1.04m2	9.18%
	Area over 120.00 mins	10.32m2	90.82%

B6/385	0.00 - 120.00 mins:	0.11m2	1.22%
	Area over 120.00 mins	9.27m2	98.78%
B7/385	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.10m2	100.00%
B8/385	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	10.51m2	100.00%

5TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

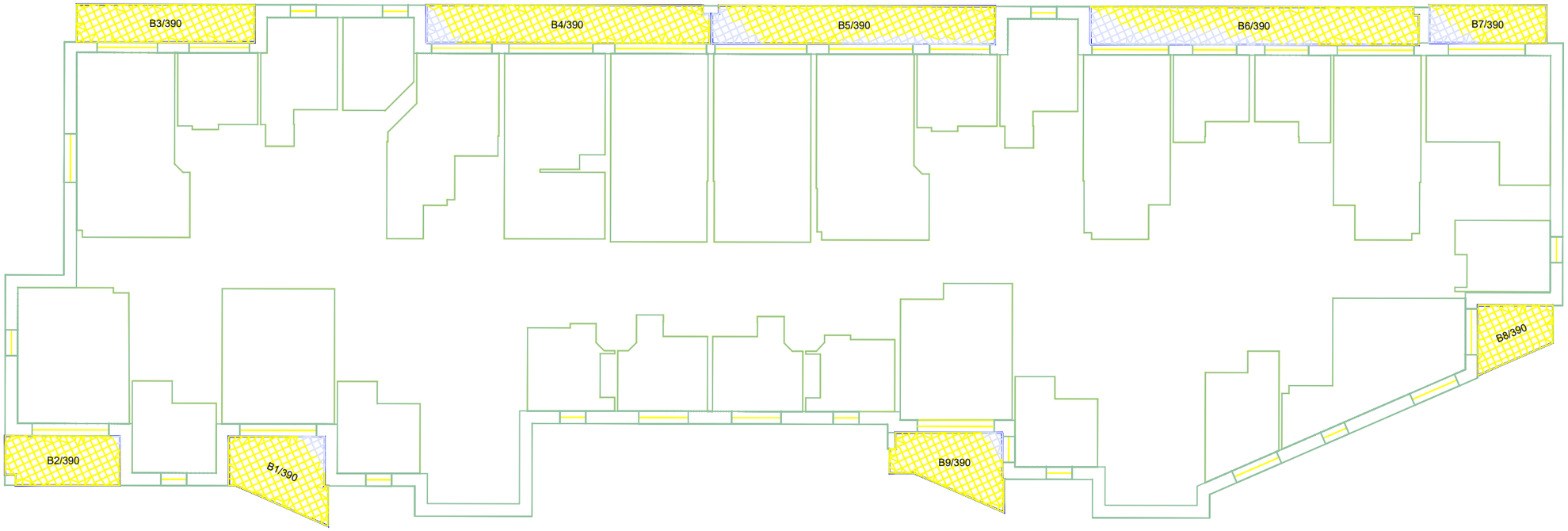
Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK F

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_15	BRE_41	-

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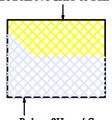
B1/390	0.00 - 120.00 mins:	0.67m2	6.05%
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B2/390	0.00 - 120.00 mins:	0.11m2	1.13%
	Area over 120.00 mins	9.27m2	98.87%
B3/390	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.36m2	100.00%
B4/390	0.00 - 120.00 mins:	1.25m2	6.96%
	Area over 120.00 mins	16.72m2	93.04%
B5/390	0.00 - 120.00 mins:	3.18m2	17.69%
	Area over 120.00 mins	14.79m2	82.31%

B6/390	0.00 - 120.00 mins:	5.20m2	24.93%
	Area over 120.00 mins	15.67m2	75.07%
B7/390	0.00 - 120.00 mins:	1.57m2	20.97%
	Area over 120.00 mins	5.90m2	79.03%
B8/390	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.81m2	100.00%
B9/390	0.00 - 120.00 mins:	0.42m2	4.02%
	Area over 120.00 mins	10.10m2	95.98%

GROUND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

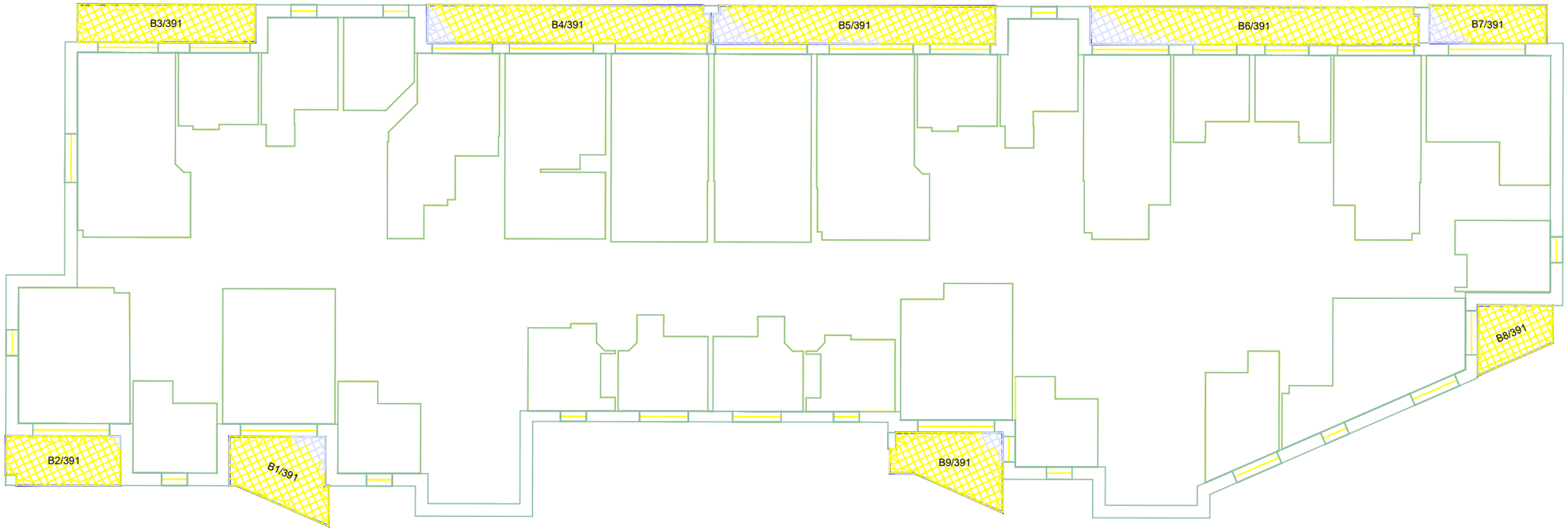
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_42	-

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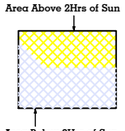
B1/391	0.00 - 120.00 mins:	1.00m2	9.00%
	Area over 120.00 mins	10.10m2	91.00%
B2/391	0.00 - 120.00 mins:	0.14m2	1.46%
	Area over 120.00 mins	9.24m2	98.54%
B3/391	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.36m2	100.00%
B4/391	0.00 - 120.00 mins:	1.14m2	11.27%
	Area over 120.00 mins	16.83m2	88.73%
B5/391	0.00 - 120.00 mins:	2.03m2	11.27%
	Area over 120.00 mins	15.95m2	88.73%

B6/391	0.00 - 120.00 mins:	2.64m2	12.63%
	Area over 120.00 mins	18.23m2	87.37%
B7/391	0.00 - 120.00 mins:	1.29m2	17.24%
	Area over 120.00 mins	6.18m2	82.76%
B8/391	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.81m2	100.00%
B9/391	0.00 - 120.00 mins:	0.58m2	5.52%
	Area over 120.00 mins	9.93m2	94.48%

1ST FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

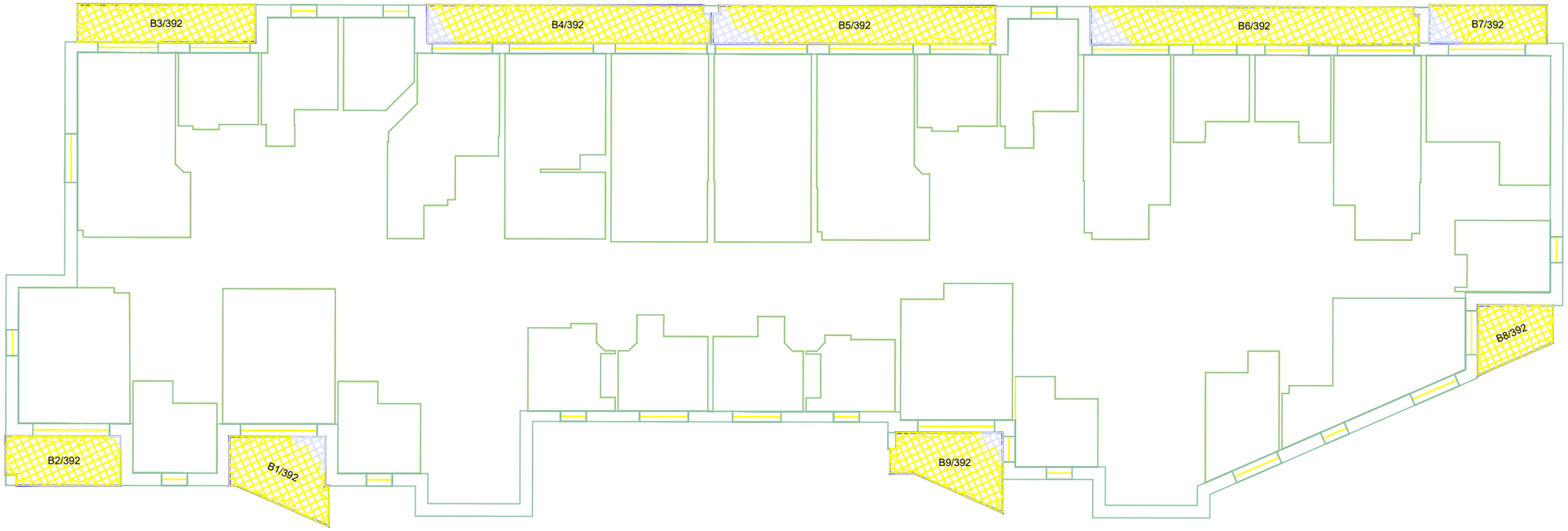
Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_15	BRE_43	-

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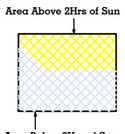
B1/392	0.00 - 120.00 mins:	1.00m2	9.00%
	Area over 120.00 mins	10.10m2	90.00%
B2/392	0.00 - 120.00 mins:	0.14m2	1.46%
	Area over 120.00 mins	9.24m2	98.54%
B3/392	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.36m2	100.00%
B4/392	0.00 - 120.00 mins:	1.06m2	5.91%
	Area over 120.00 mins	16.91m2	94.09%
B5/392	0.00 - 120.00 mins:	1.65m2	9.19%
	Area over 120.00 mins	16.32m2	90.81%

B6/392	0.00 - 120.00 mins:	1.48m2	7.11%
	Area over 120.00 mins	19.39m2	92.89%
B7/392	0.00 - 120.00 mins:	1.19m2	15.87%
	Area over 120.00 mins	6.29m2	84.13%
B8/392	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.81m2	100.00%
B9/392	0.00 - 120.00 mins:	0.58m2	5.52%
	Area over 120.00 mins	9.93m2	94.48%

2ND FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

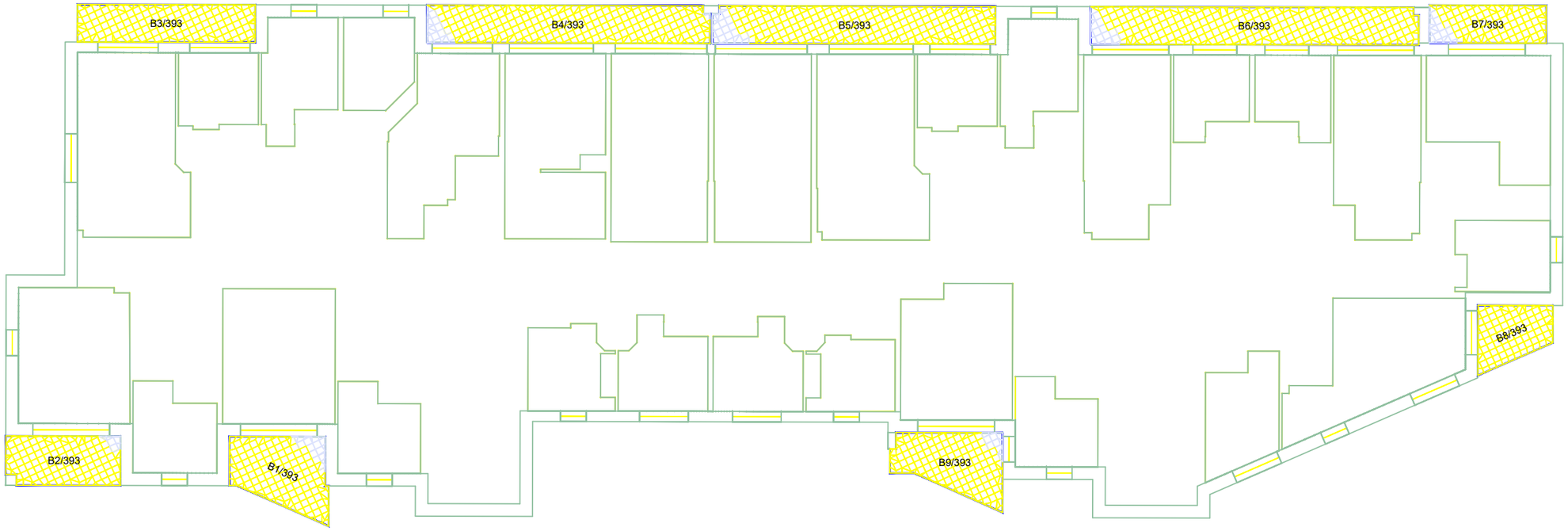
Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_15	BRE_44	-

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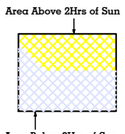
B1/393	0.00 - 120.00 mins:	1.00m2	9.00%
	Area over 120.00 mins	10.10m2	91.00%
B2/393	0.00 - 120.00 mins:	0.32m2	3.43%
	Area over 120.00 mins	9.06m2	96.57%
B3/393	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.36m2	100.00%
B4/393	0.00 - 120.00 mins:	1.06m2	5.91%
	Area over 120.00 mins	16.91m2	94.09%
B5/393	0.00 - 120.00 mins:	1.44m2	8.02%
	Area over 120.00 mins	16.53m2	91.98%

B6/393	0.00 - 120.00 mins:	1.13m2	5.44%
	Area over 120.00 mins	19.74m2	94.56%
B7/393	0.00 - 120.00 mins:	1.04m2	13.92%
	Area over 120.00 mins	6.432	86.08%
B8/393	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.81m2	100.00%
B9/393	0.00 - 120.00 mins:	0.58m2	5.52 %
	Area over 120.00 mins	9.93m2	94.48%

3RD FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

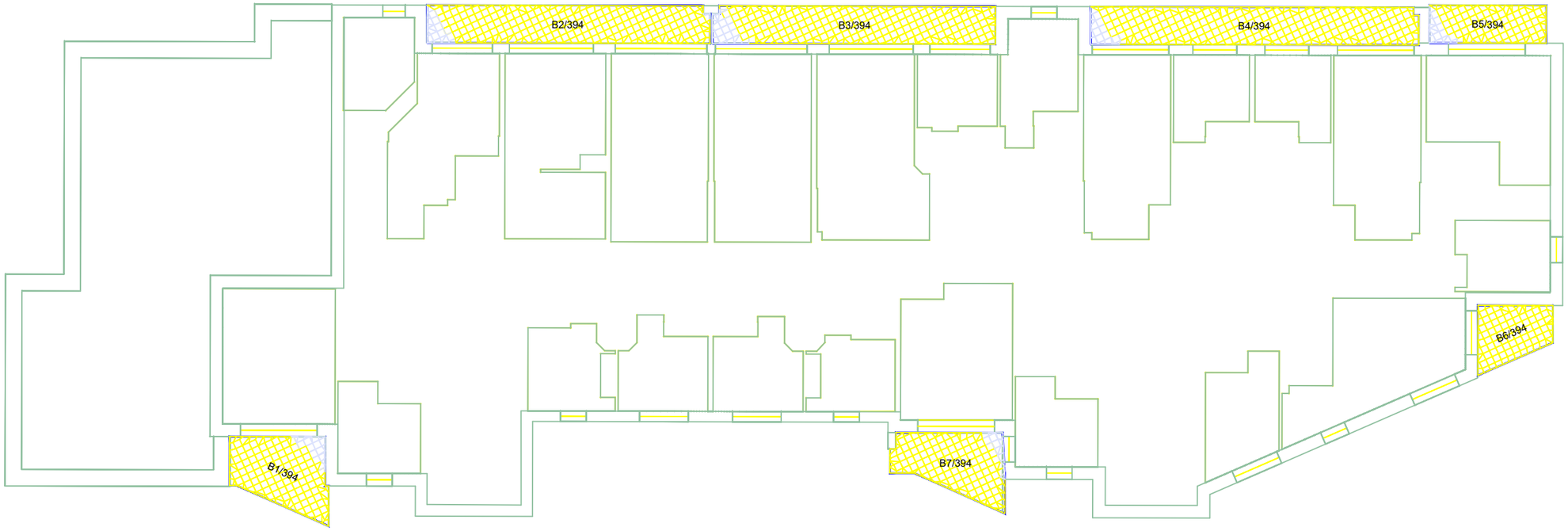
Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_15	BRE_45	-

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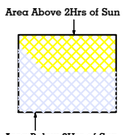
B1/394	0.00 - 120.00 mins:	1.00m2	9.00%
	Area over 120.00 mins	10.10m2	91.00%
B2/394	0.00 - 120.00 mins:	1.06m2	5.91%
	Area over 120.00 mins	16.91m2	94.09%
B3/394	0.00 - 120.00 mins:	1.27m2	7.09%
	Area over 120.00 mins	16.70m2	92.91%
B4/394	0.00 - 120.00 mins:	1.05m2	5.01%
	Area over 120.00 mins	19.82m2	94.99%

B5/394	0.00 - 120.00 mins:	0.96m2	12.85%
	Area over 120.00 mins	6.51m2	87.15%
B6/394	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.81m2	100.00%
B7/394	0.00 - 120.00 mins:	0.64m2	5.99%
	Area over 120.00 mins	10.10m2	94.01%

4TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

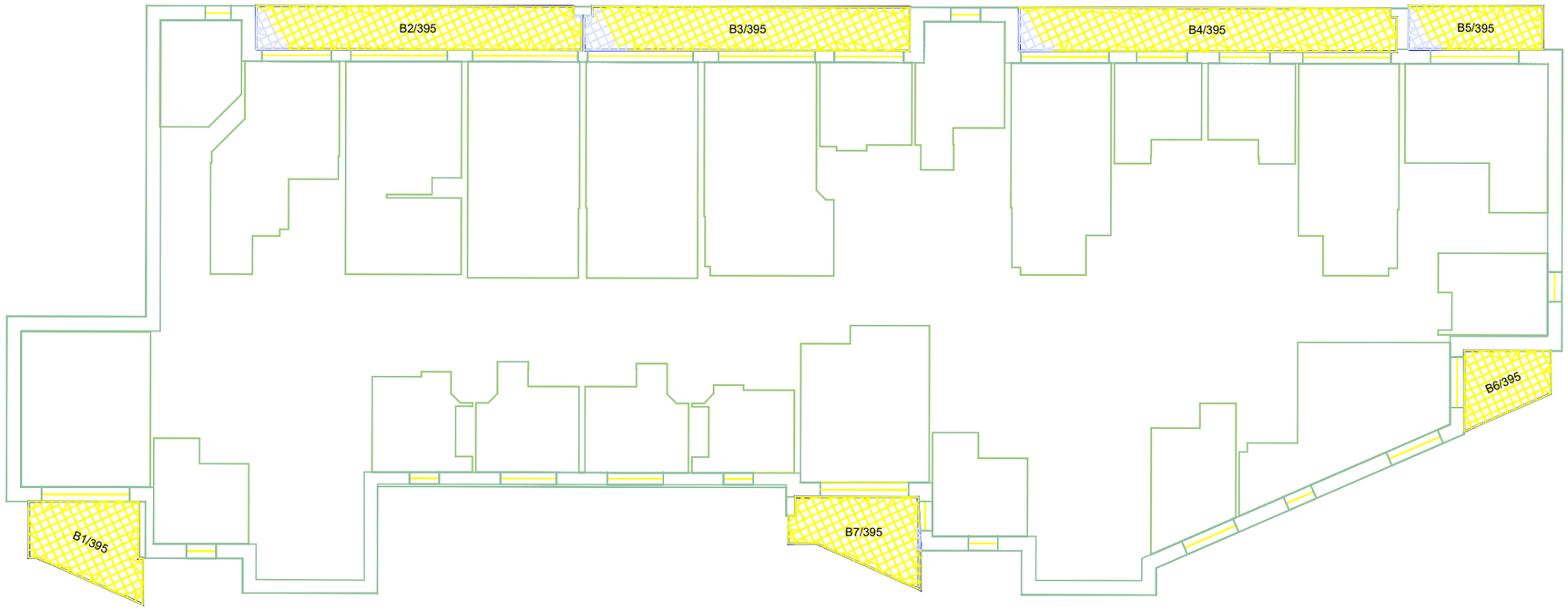
Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_15	BRE_46	-

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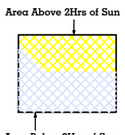
B1/395	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	11.10m2	100.00%
B2/395	0.00 - 120.00 mins:	1.06m2	5.91%
	Area over 120.00 mins	16.91m2	94.09%
B3/395	0.00 - 120.00 mins:	1.27m2	7.09%
	Area over 120.00 mins	16.70m2	92.91%
B4/395	0.00 - 120.00 mins:	1.05m2	5.01%
	Area over 120.00 mins	19.82m2	94.99%

B5/395	0.00 - 120.00 mins:	0.96m2	12.85%
	Area over 120.00 mins	6.51m2	87.15%
B6/395	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	6.81m2	100.00%
B7/395	0.00 - 120.00 mins:	0.05m2	0.49%
	Area over 120.00 mins	10.69m2	99.51%

5TH FLOOR

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 21 June 06:00 - 18:00
BLOCK G

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_15	BRE_46	-

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Appendix IX

Overshadowing (Proposed Amenity Areas)

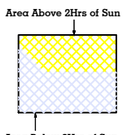


Communal Open Space	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	1263.81m2	100.00%
Community Space	0.00 - 120.00 mins:	166.10m2	24.14%
	Area over 120.00 mins	522.02m2	75.86%
Private Seating	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	307.38m2	100.00%

Public Open Space	0.00 - 120.00 mins:	0.00m2	0,00%
	Area over 120.00 mins	5608.13m2	100.00%

Key:

Area Above 2Hrs of Sun



Area Below 2Hrs of Sun

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name

Hartfield Place, Dublin

Drawing Title

SHOG - 12 MARCH 06:00 - 18:00

-

Drawn By	Scale @ A3	Date
CC	-	16 Feb 2022

Project No.	Drawing No.	Revision
HA163_10	BRE_01	-

AVISON YOUNG

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08449 02 03 04 www.avisonyoung.co.uk

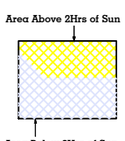
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Communal Open Space	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	1263.81m2	100.00%
Community Space	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	688.11m2	100.00%
Private Seating	0.00 - 120.00 mins:	0.00m2	0.00%
	Area over 120.00 mins	307.38m2	100.00%

Public Open Space	0.00 - 120.00 mins:	0.00m2	0,00%
	Area over 120.00 mins	5608.13m2	100.00%

Key:



Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
N/A

Project Name
Hartfield Place, Dublin

Drawing Title
SHOG - 12 June 06:00 - 18:00
-

Drawn By
CC

Scale @ A3
-

Date
16 Feb 2022

Project No.
HA163_10

Drawing No.
BRE_02

Revision
-

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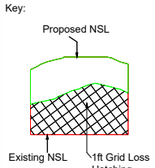
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Appendix X

Window Maps – Proposed Scheme



Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	14. 2D INFO 02 FEB 2021 Architects Plans and elevation dwgs	N/A

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK A

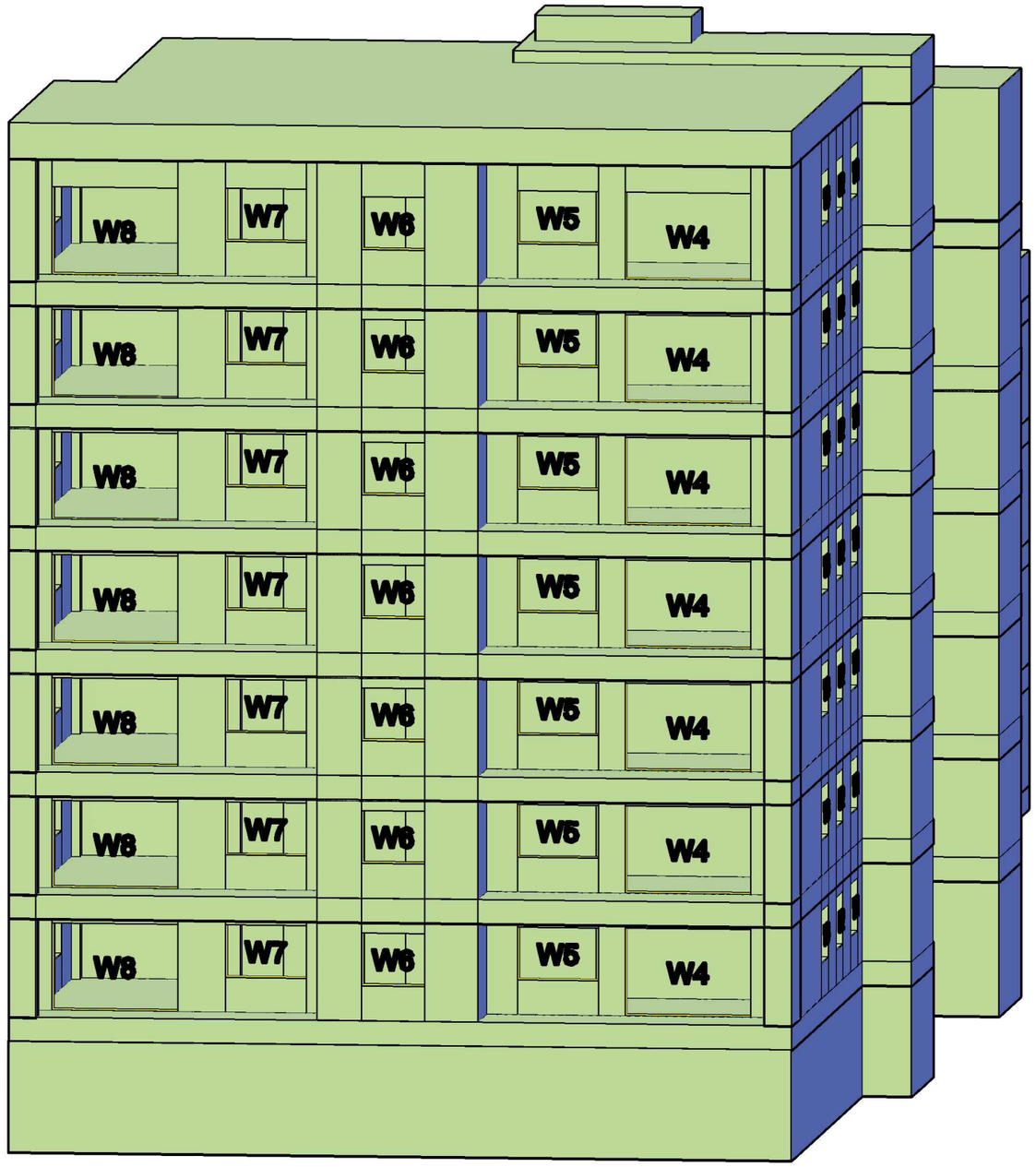
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CC	NTS	21 Feb 2022

Project No.	Drawing No.	Revision
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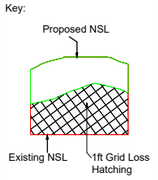
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N



Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

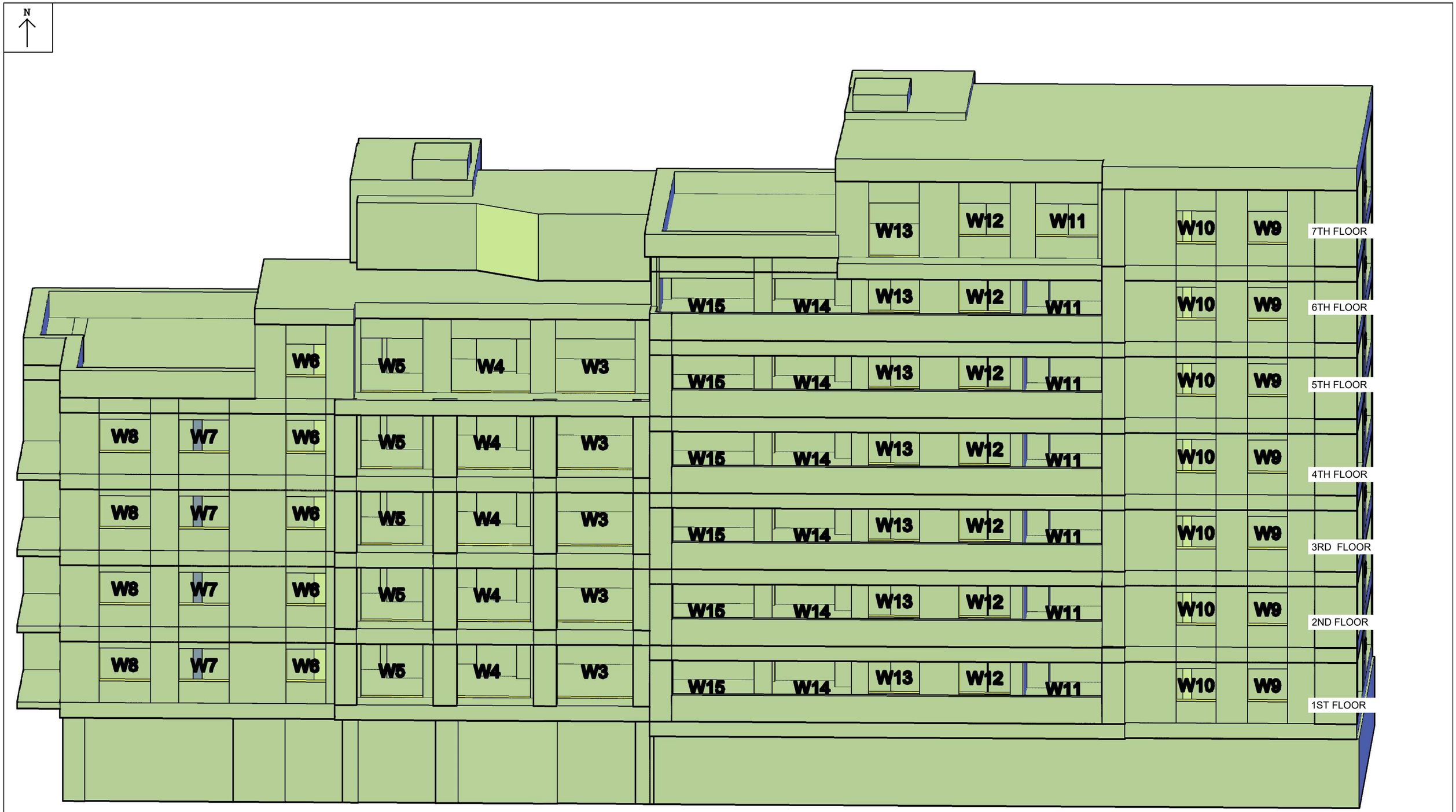
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WINDOW MAPS
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CC	NTS	21 Feb 2022

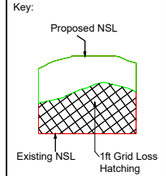
Project No.	Drawing No.	Revision
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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK A

Drawn By	Scale @ A3	Date
CC	NTS	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_14	BRE_07	-

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7TH FLOOR

6TH FLOOR

5TH FLOOR

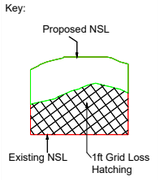
4TH FLOOR

3RD FLOOR

2ND FLOOR

1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK A

Drawn By	Scale @ A3	Date
CC	NTS	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_14	BRE_08	-

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5TH FLOOR

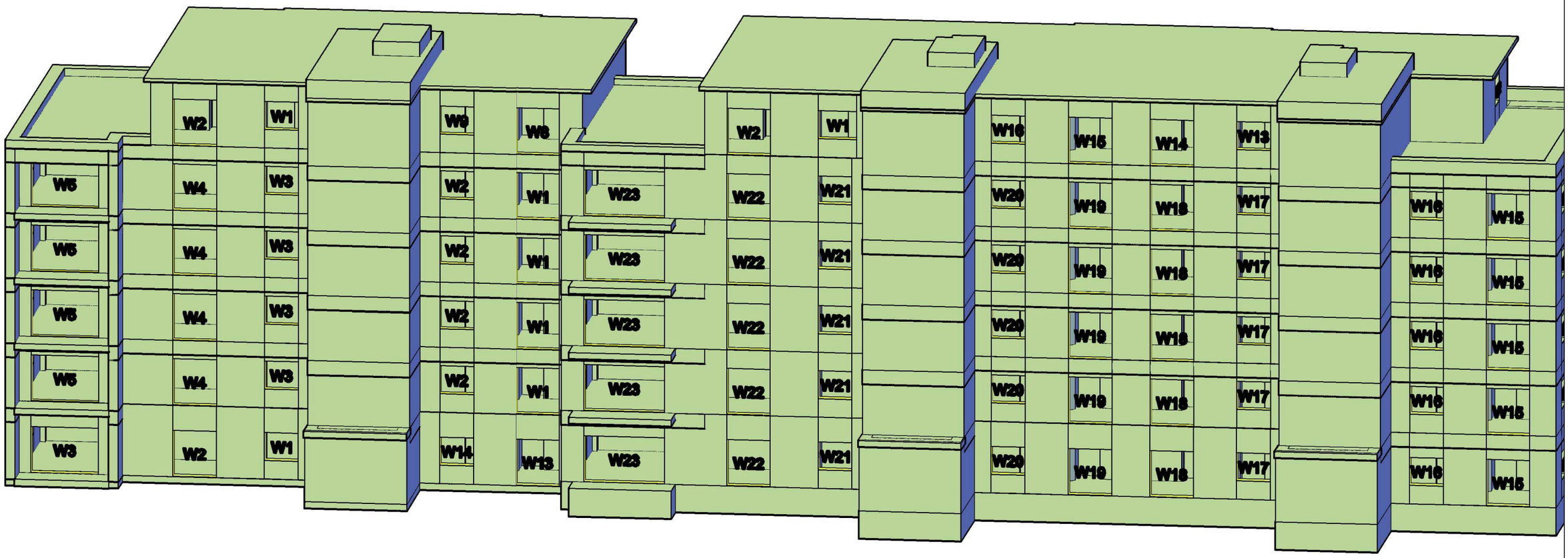
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3RD FLOOR

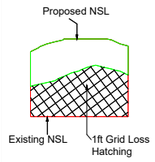
2ND FLOOR

1ST FLOOR

GROUND FLOOR



Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
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Project Name
Hartfield Place, Dublin

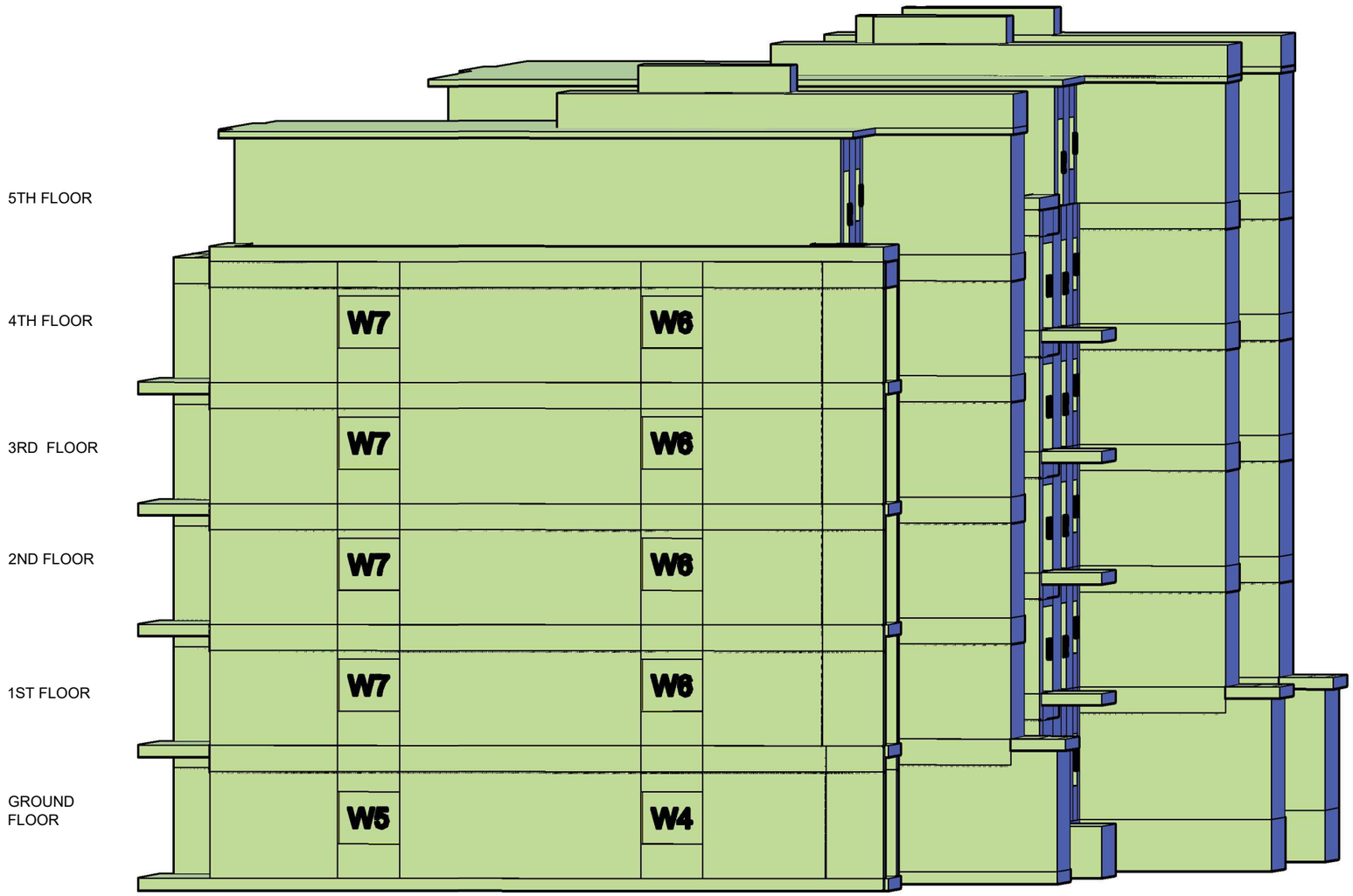
Drawing Title
WINDOW MAPS
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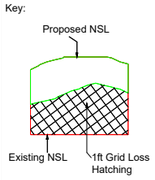
Project No.	Drawing No.	Revision
HA163_14	BRE_09	-

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Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK B

Drawn By	Scale @ A3	Date
CC	NTS	21 Feb 2022

Project No.	Drawing No.	Revision
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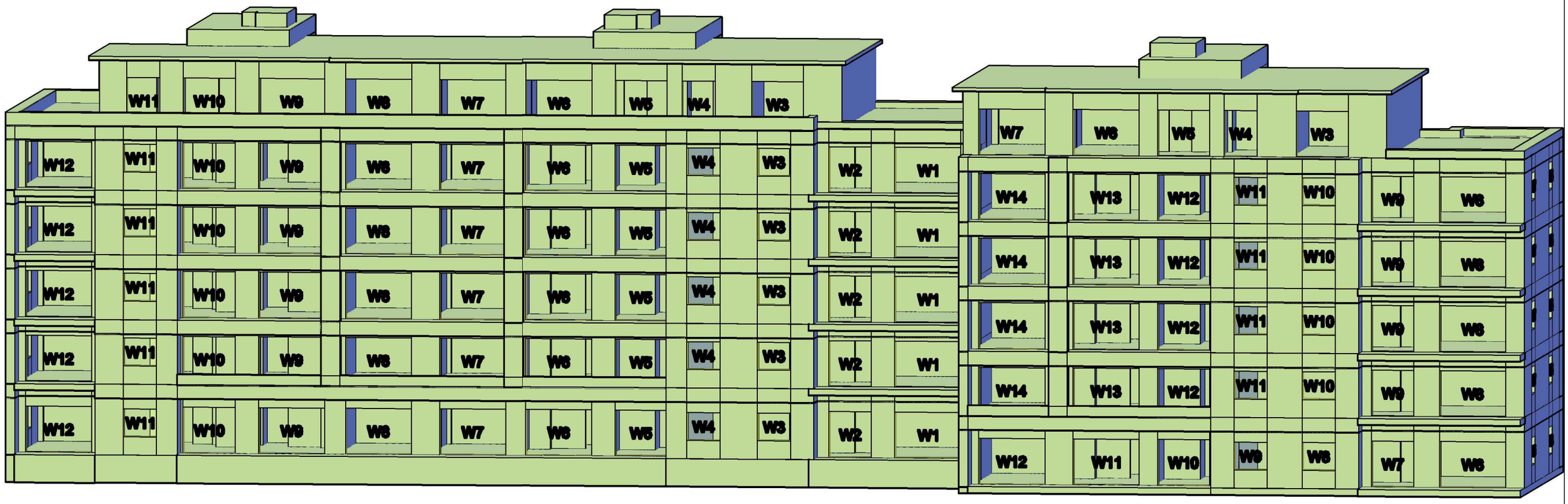
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3RD FLOOR

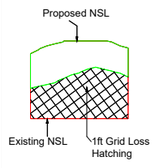
2ND FLOOR

1ST FLOOR

GROUND FLOOR



Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK B

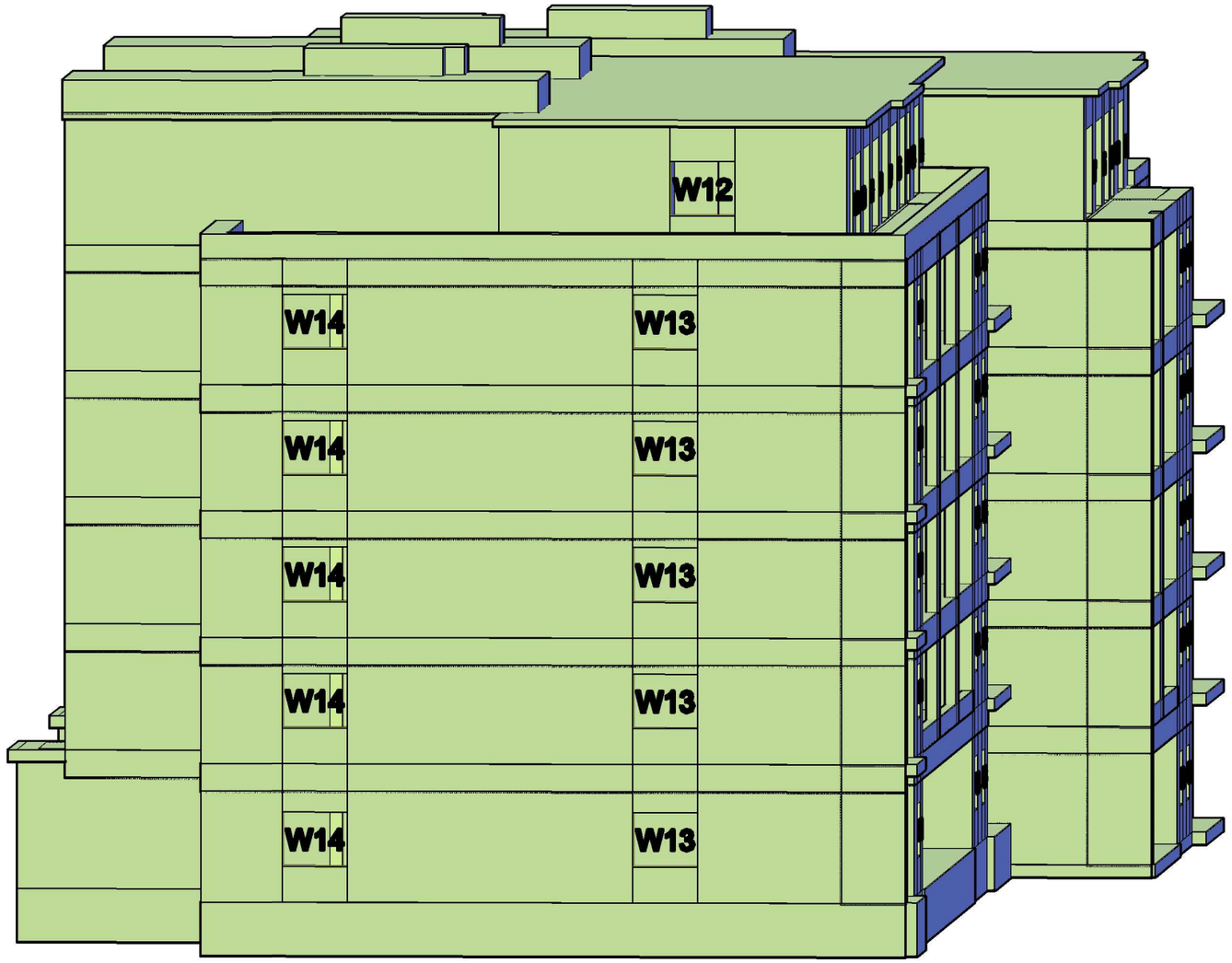
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CC	NTS	21 Feb 2022

Project No.	Drawing No.	Revision
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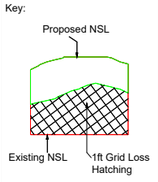
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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
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Project Name
Hartfield Place, Dublin

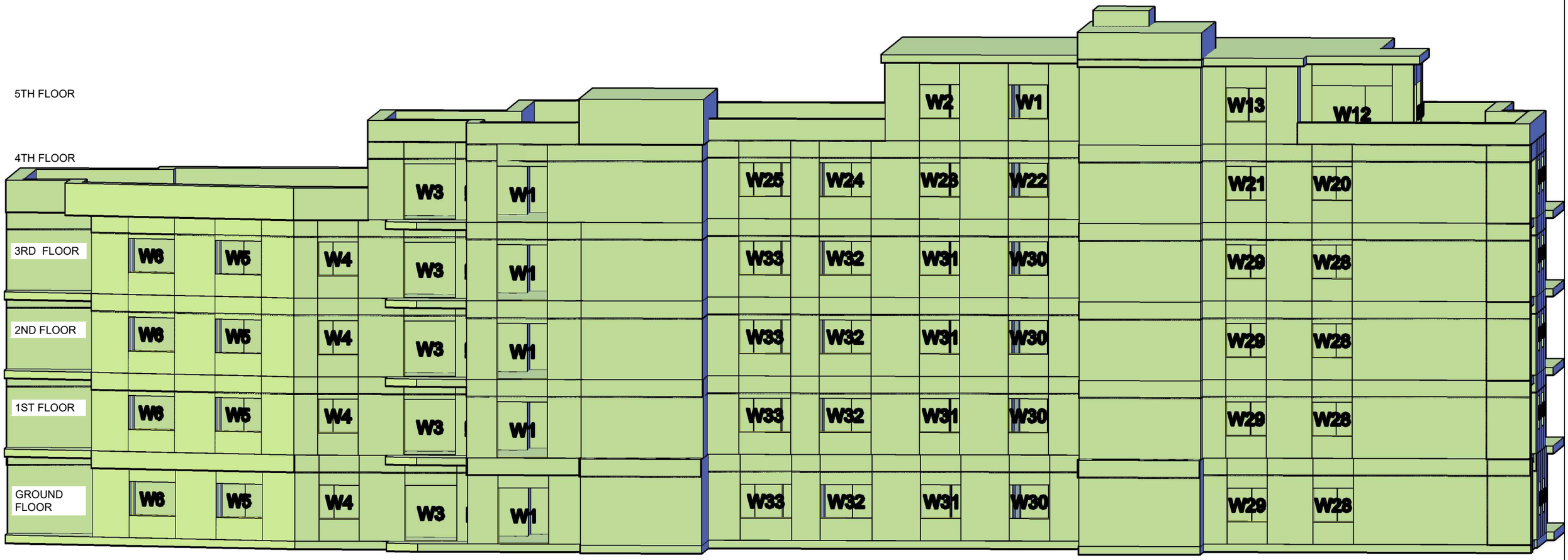
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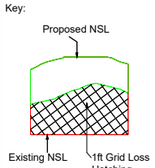
Project No.	Drawing No.	Revision
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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	14. 2D INFO 02 FEB 2021 Architects Plans and elevation dwgs	N/A

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK C

Drawn By	Scale @ A3	Date
CC	NTS	21 Feb 2022

Project No.	Drawing No.	Revision
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5TH FLOOR

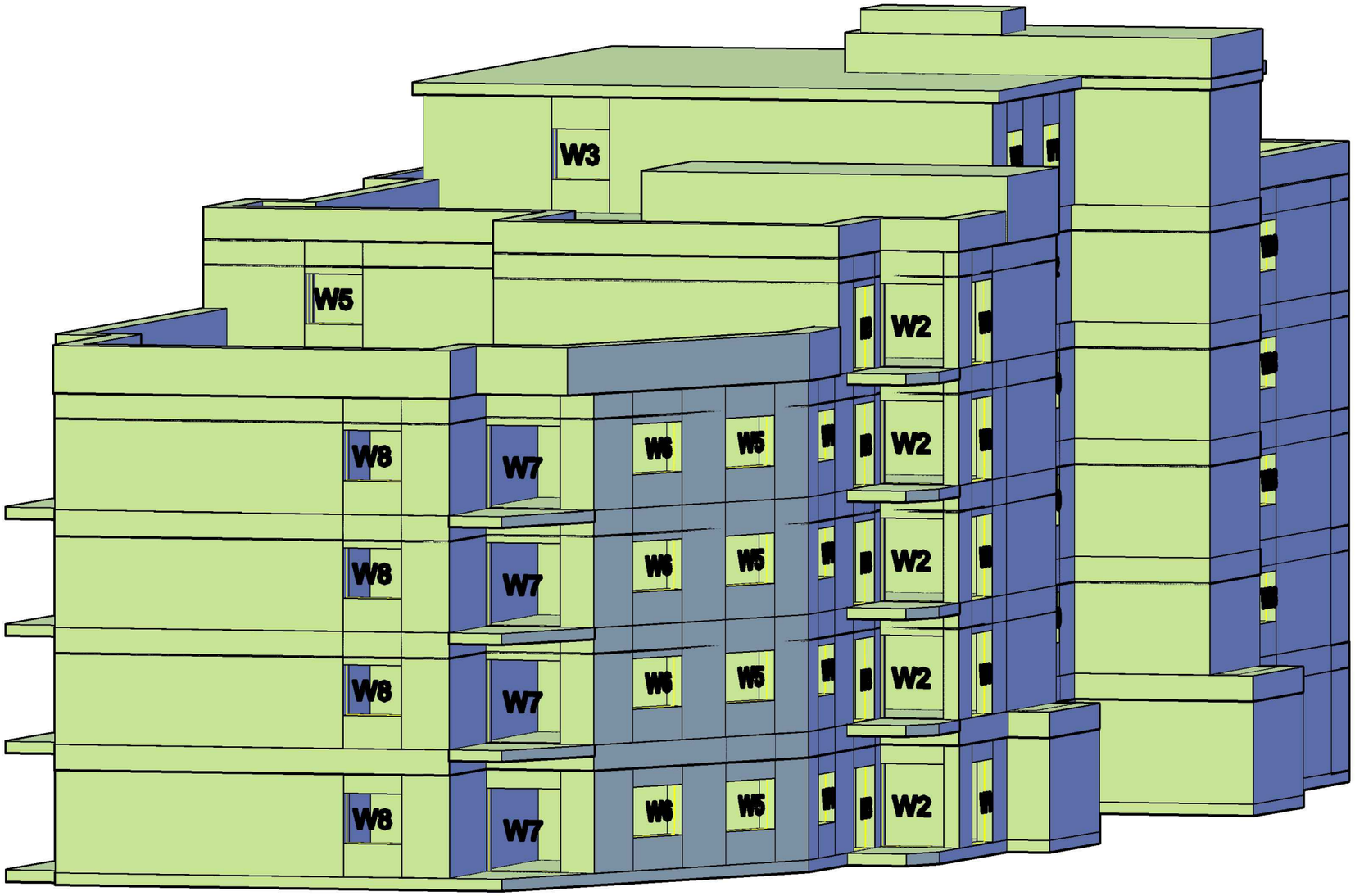
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3RD FLOOR

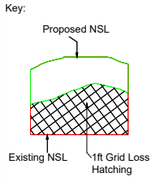
2ND FLOOR

1ST FLOOR

GROUND FLOOR



Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
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Project Name
Hartfield Place, Dublin

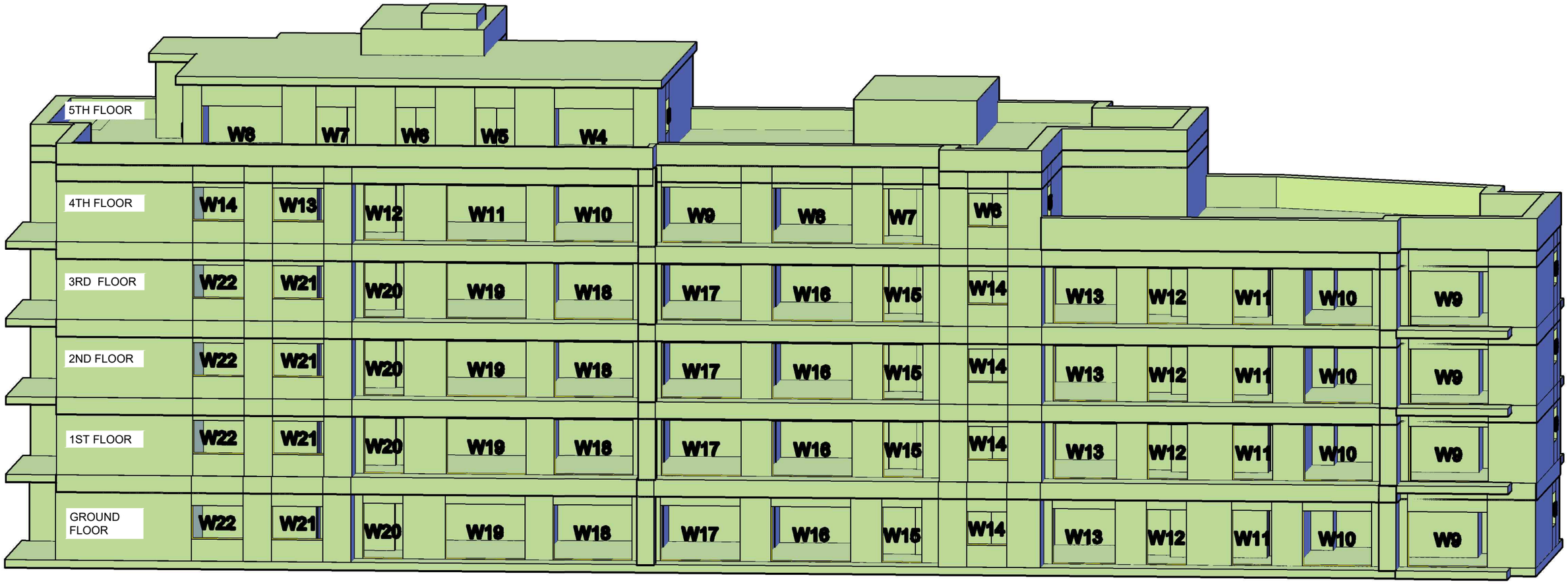
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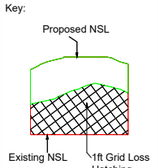
Project No.	Drawing No.	Revision
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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK C

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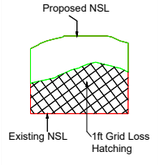
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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	14. 2D INFO 02 FEB 2021 Architects Plans and elevation dwgs	N/A

Project Name
Hartfield Place, Dublin

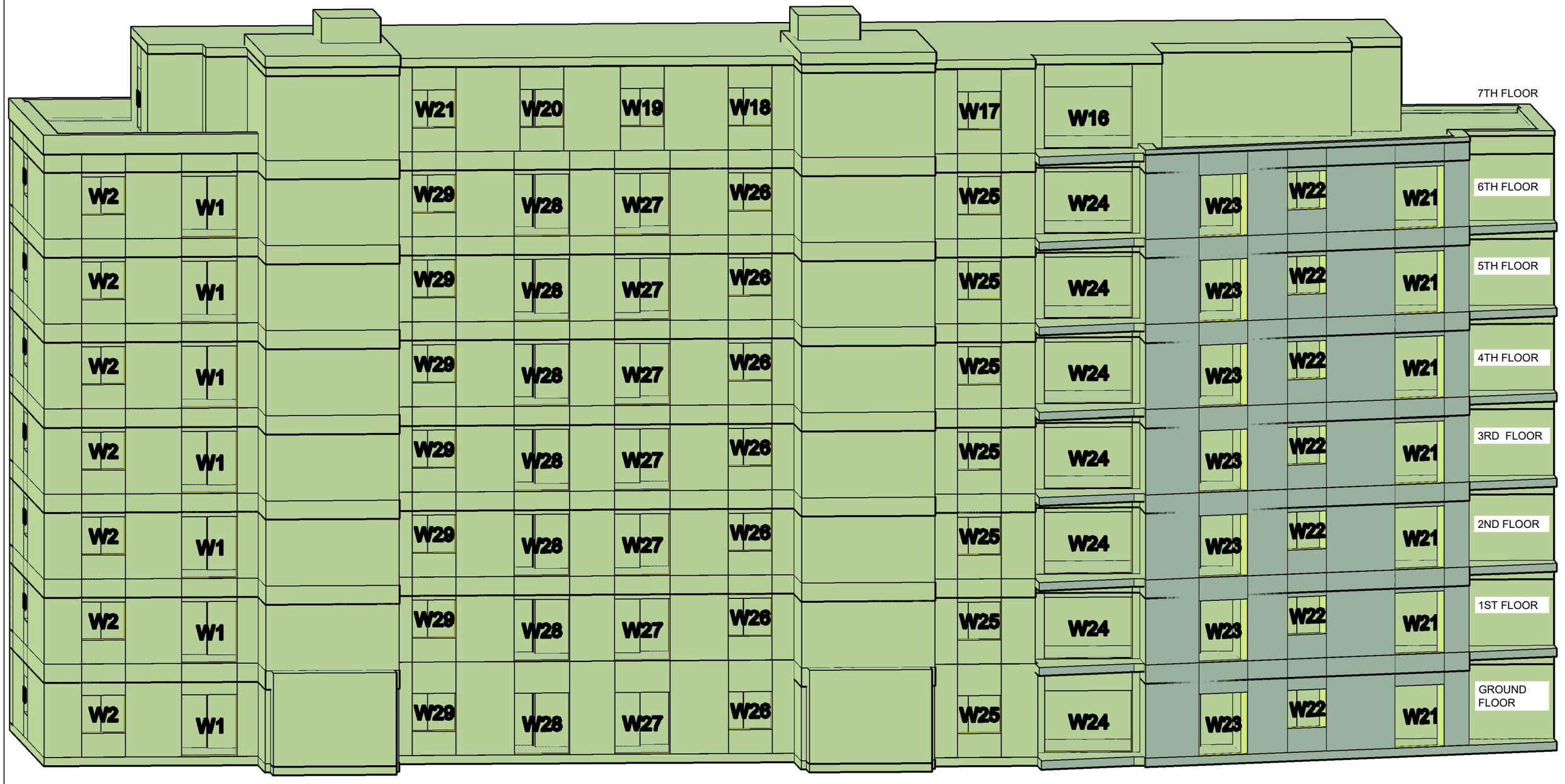
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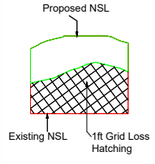
Project No.	Drawing No.	Revision
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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK D

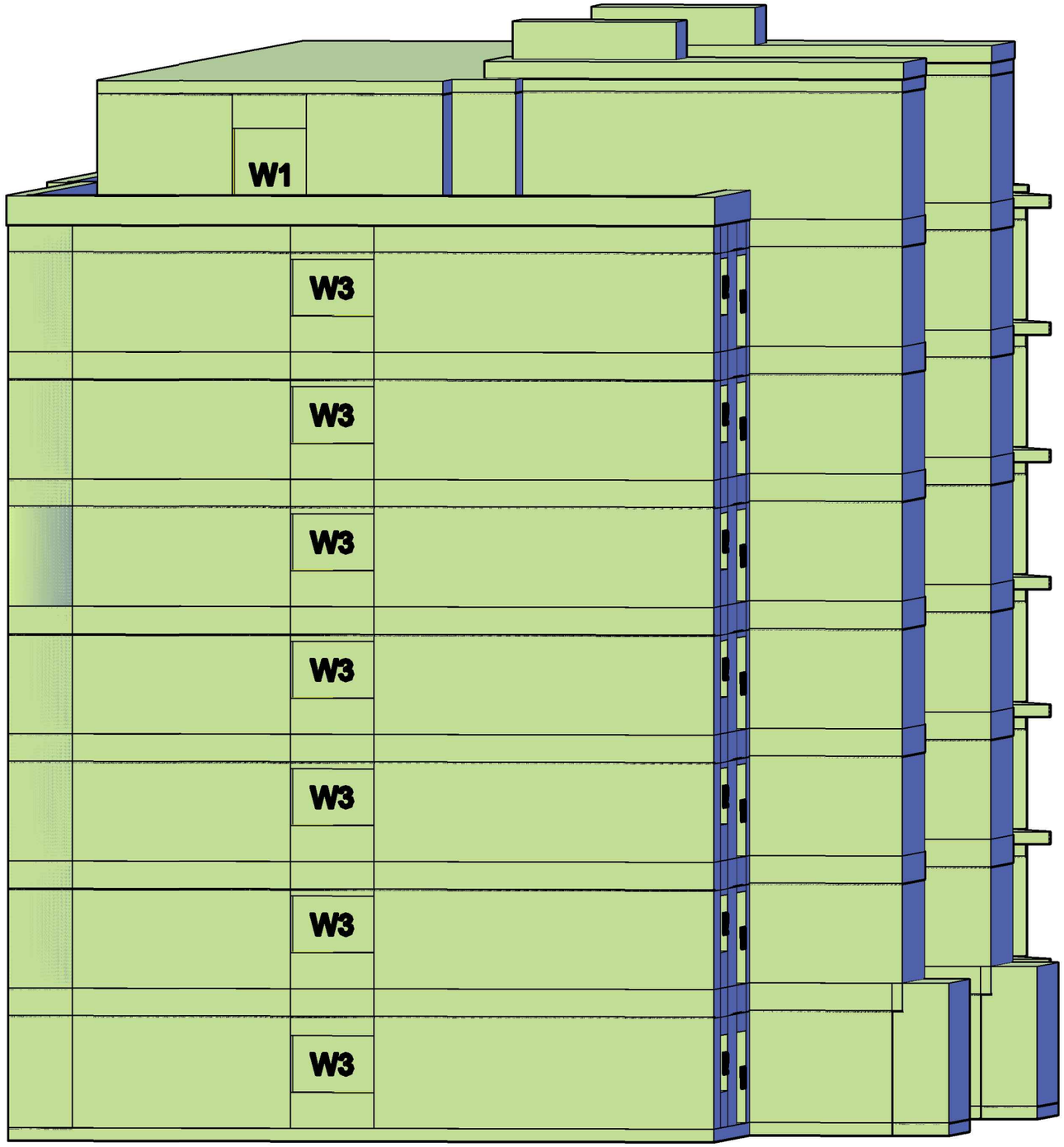
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CC	NTS	21 Feb 2022

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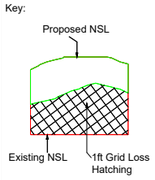
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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	14. 2D INFO 02 FEB 2021 Architects Plans and elevation dwgs	N/A

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK D

Drawn By	Scale @ A3	Date
CC	NTS	21 Feb 2022

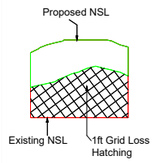
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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK D

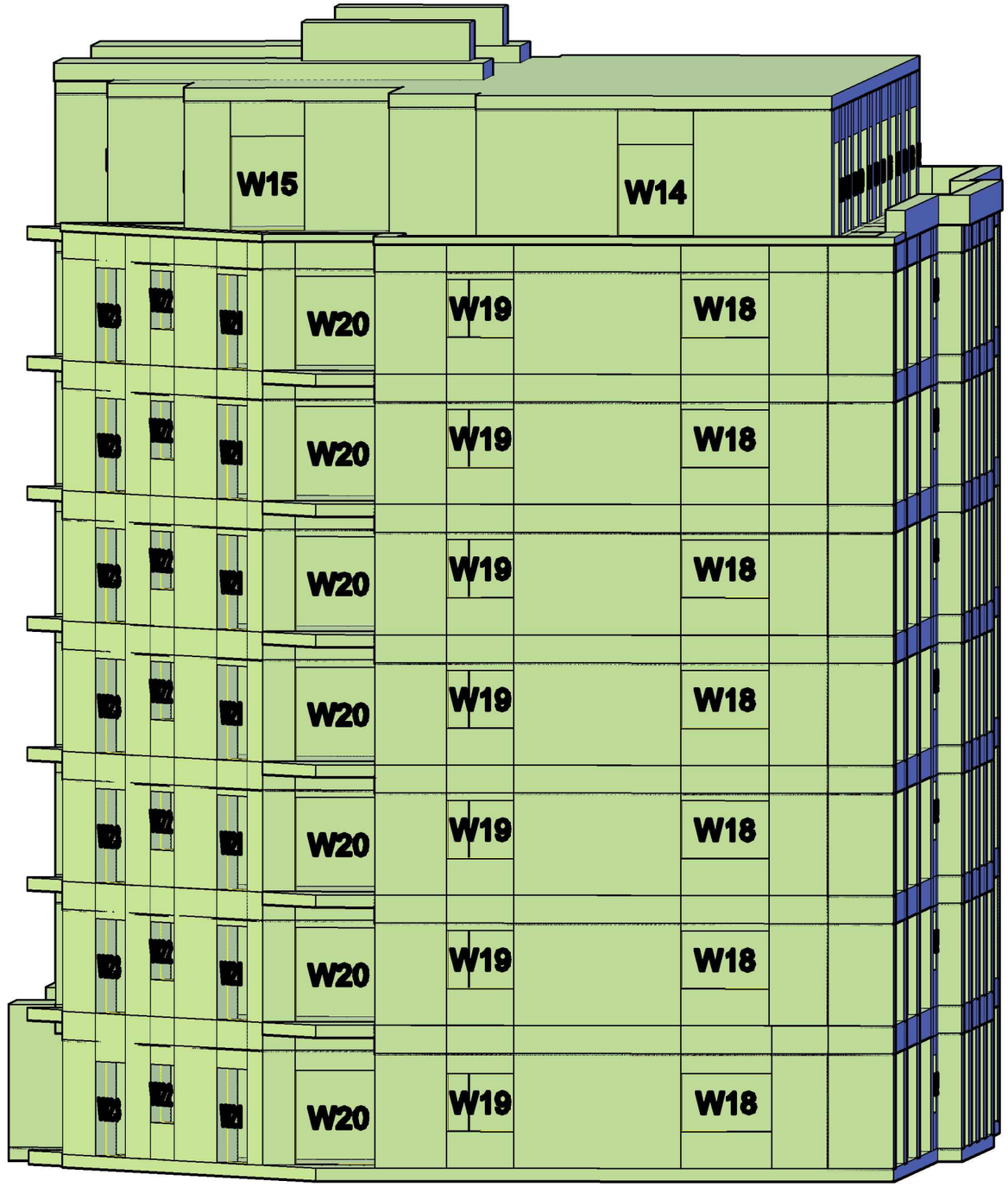
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CC	NTS	21 Feb 2022

Project No.	Drawing No.	Revision
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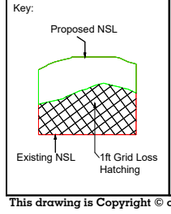
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N



Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK D

Drawn By	Scale @ A3	Date
CC	NTS	21 Feb 2022

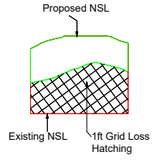
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HA163_14	BRE_20	-

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Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK E

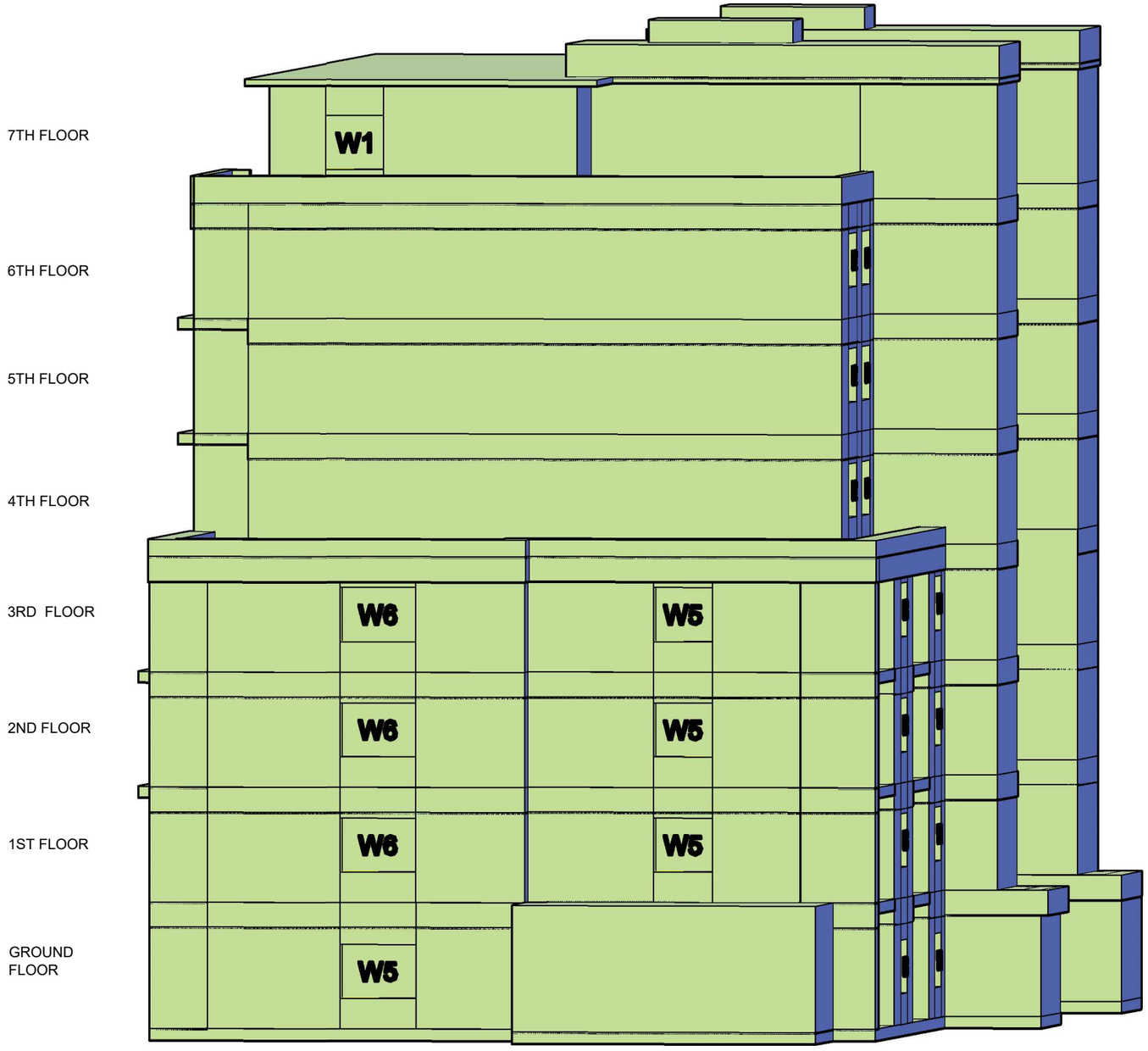
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CC	NTS	21 Feb 2022

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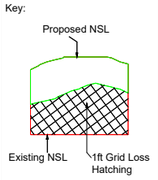
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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
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Project Name
Hartfield Place, Dublin

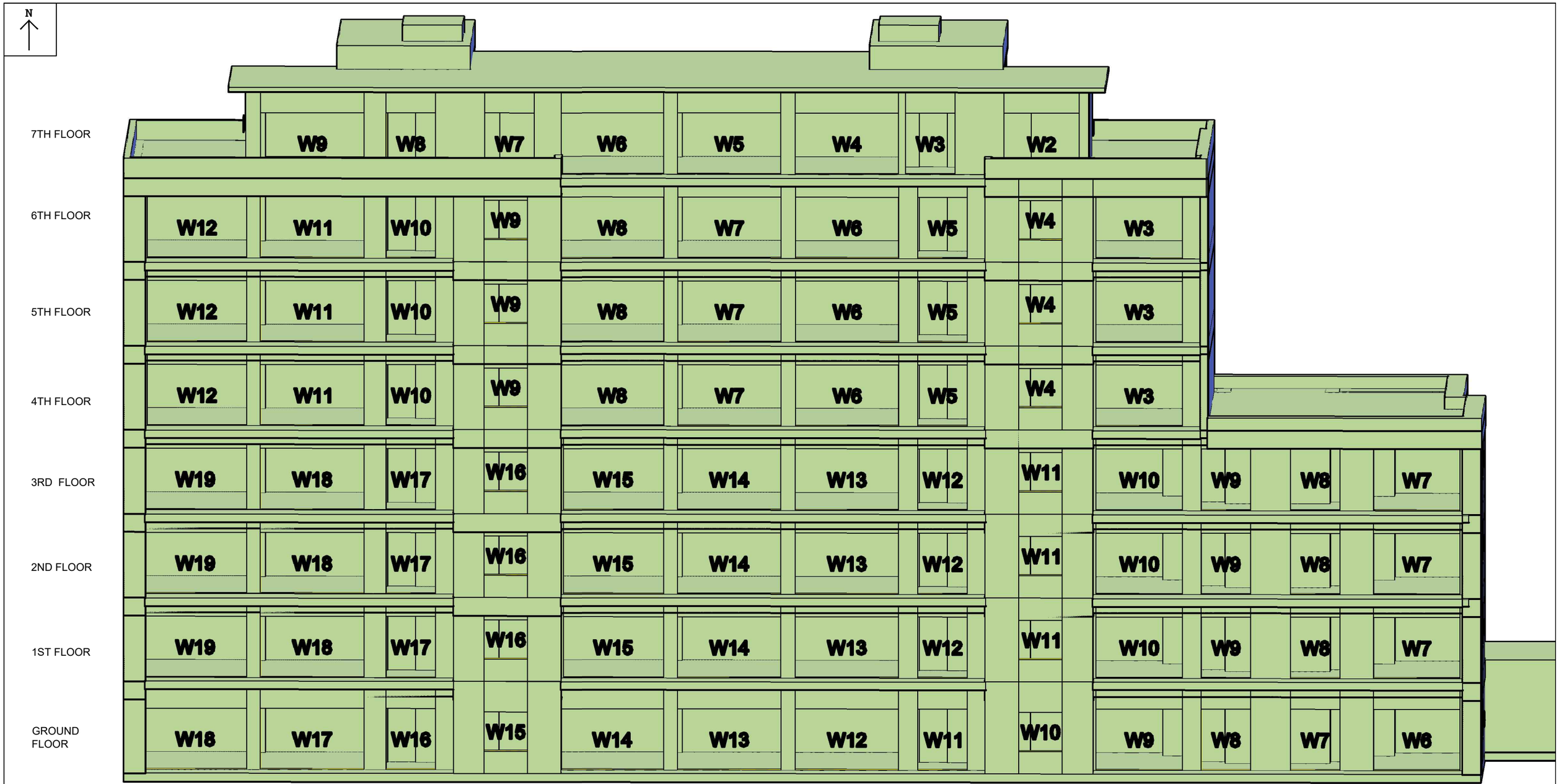
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WINDOW MAPS
BLOCK E

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CC	NTS	21 Feb 2022

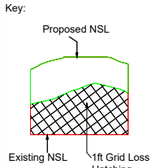
Project No.	Drawing No.	Revision
HA163_14	BRE_22	-

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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

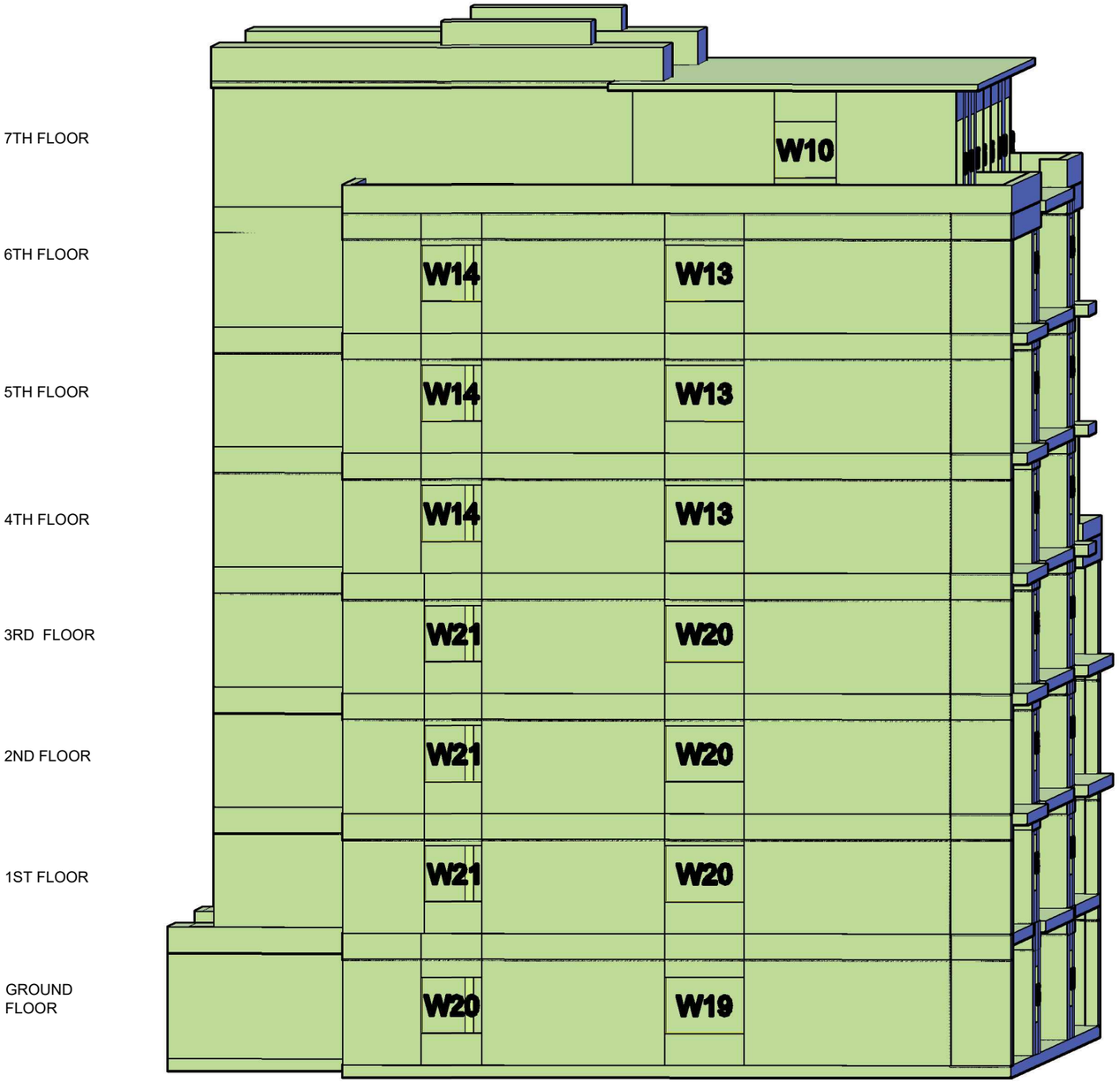
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WINDOW MAPS
BLOCK E

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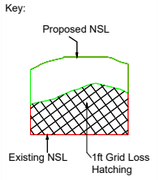
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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

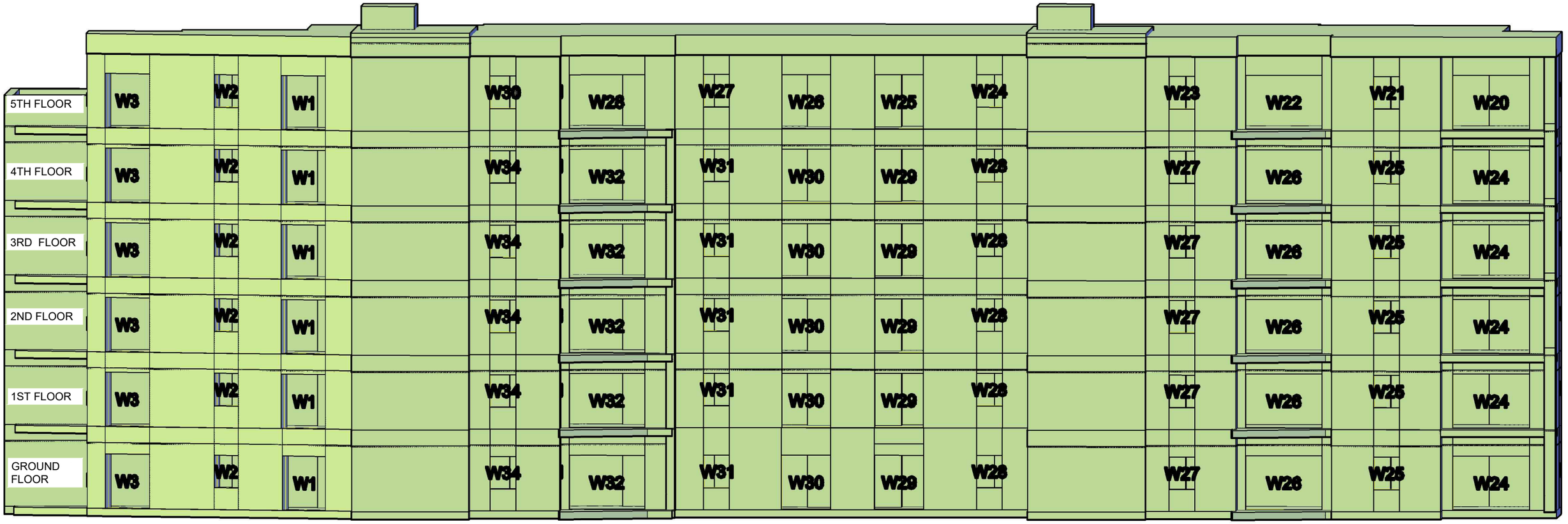
Drawing Title
WINDOW MAPS
BLOCK E

Drawn By	Scale @ A3	Date
CC	NTS	21 Feb 2022

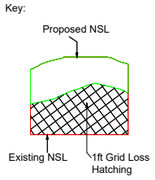
Project No.	Drawing No.	Revision
HA163_14	BRE_24	-

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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK F

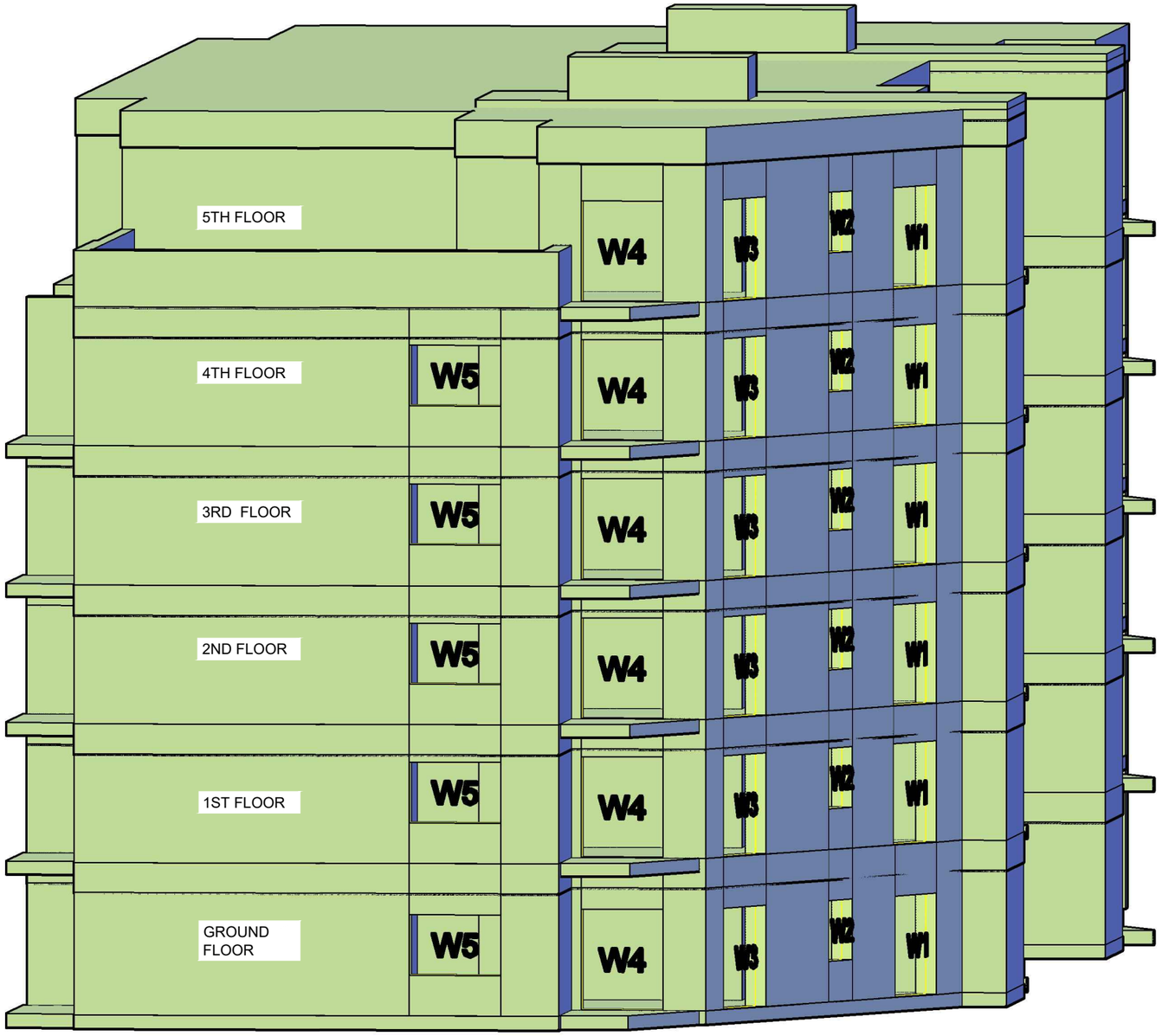
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CC	NTS	21 Feb 2022

Project No.	Drawing No.	Revision
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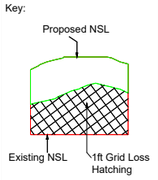
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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

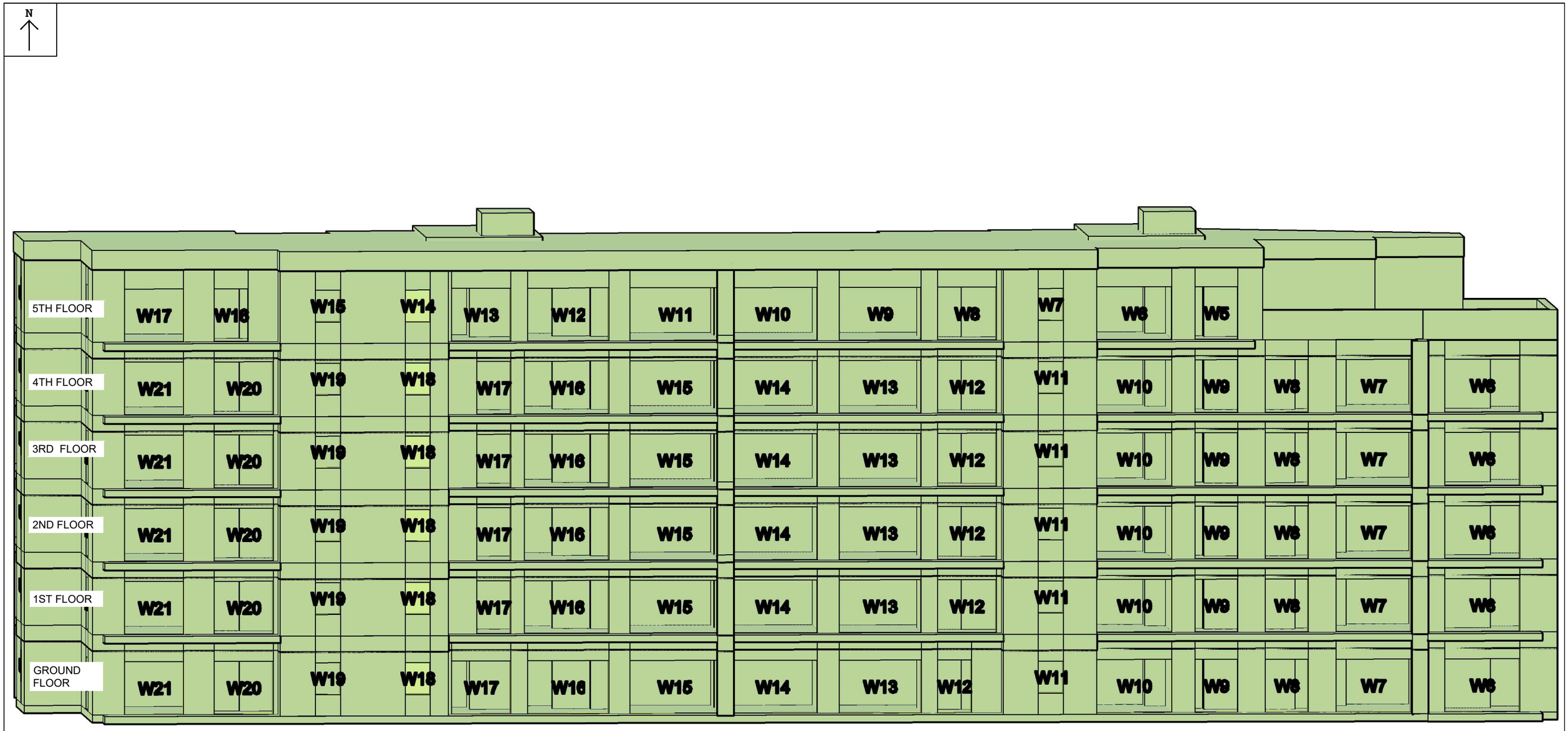
Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK F

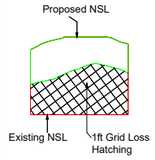
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CC	NTS	21 Feb 2022
Project No.	**Drawing No.**	**Revision**
HA163_14	BRE_26	-

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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK F

Drawn By	Scale @ A3	Date
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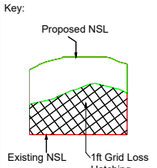
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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
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Project Name
Hartfield Place, Dublin

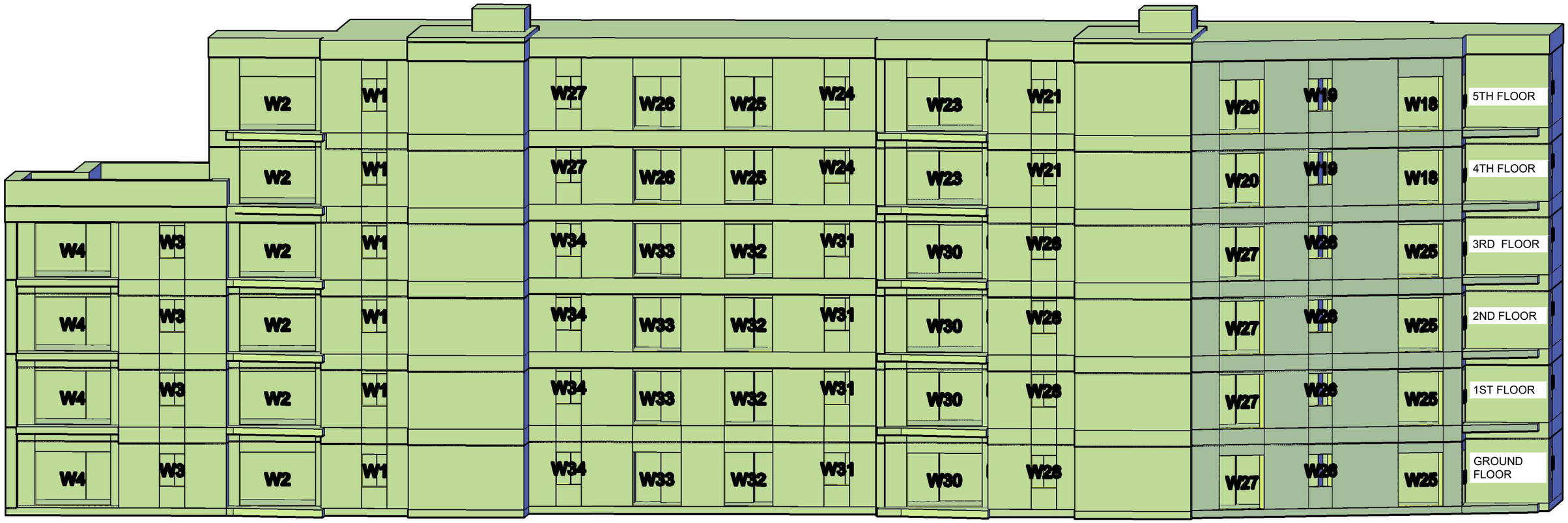
Drawing Title
WINDOW MAPS
BLOCK F

Drawn By	Scale @ A3	Date
CC	NTS	21 Feb 2022

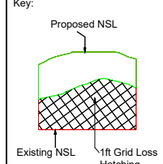
Project No.	Drawing No.	Revision
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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
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Project Name
Hartfield Place, Dublin

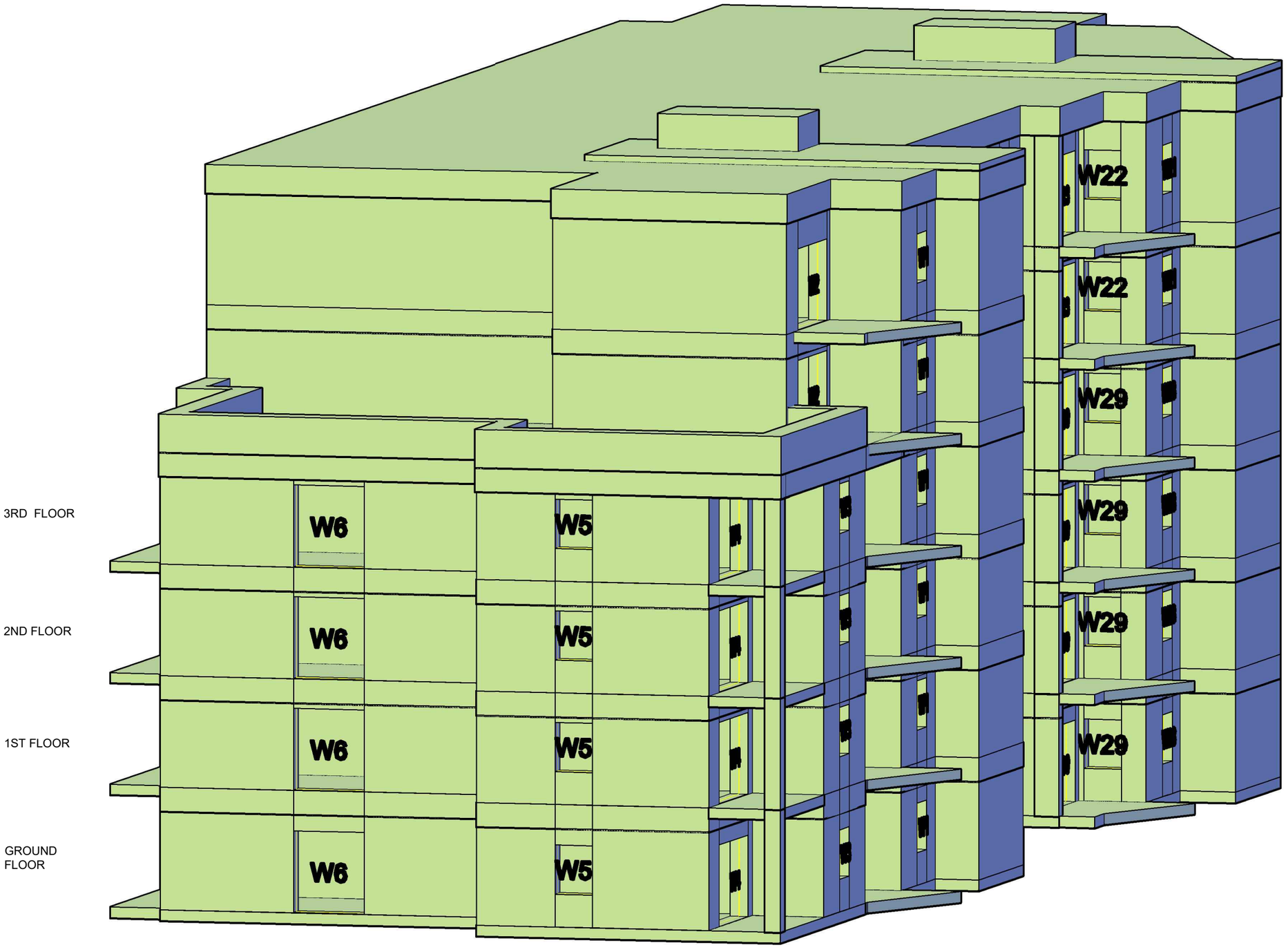
Drawing Title
WINDOW MAPS
BLOCK G

Drawn By	Scale @ A3	Date
CC	NTS	21 Feb 2022

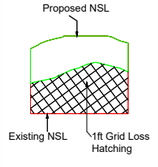
Project No.	Drawing No.	Revision
HA163_14	BRE_29	-

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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK G

Drawn By	Scale @ A3	Date
CC	NTS	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_14	BRE_30	-

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5TH FLOOR

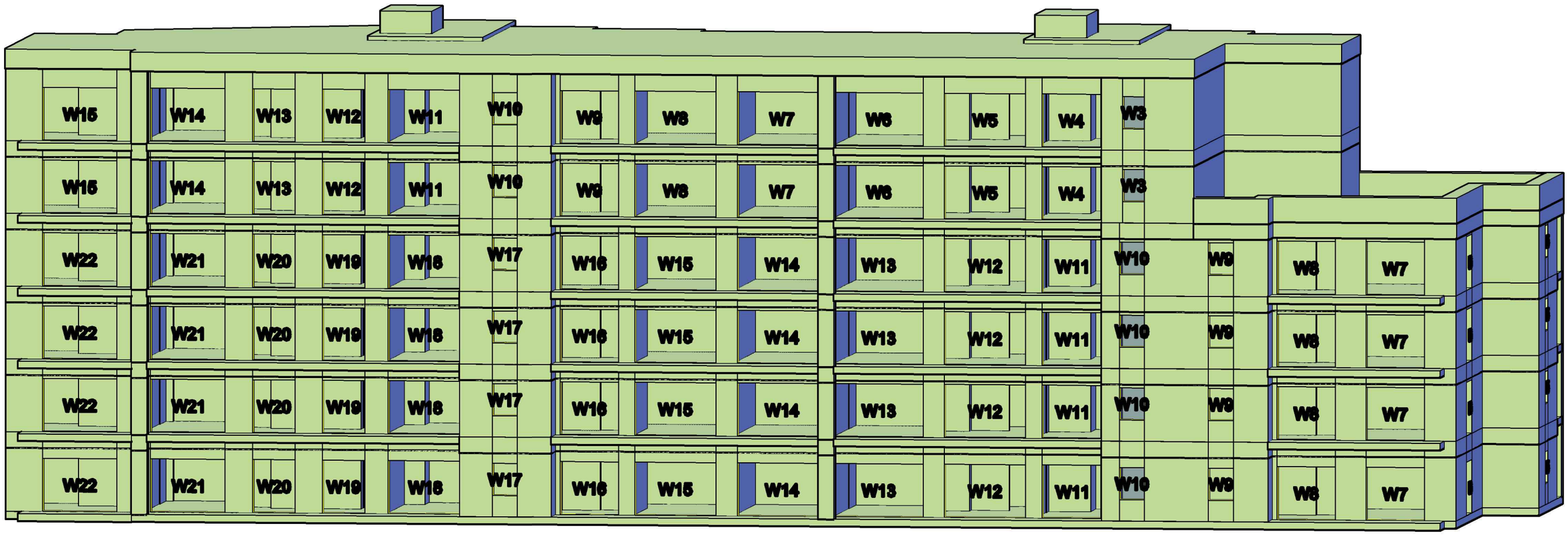
4TH FLOOR

3RD FLOOR

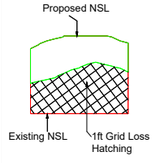
2ND FLOOR

1ST FLOOR

GROUND FLOOR



Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	N/A
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK G

Drawn By	Scale @ A3	Date
CC	NTS	21 Feb 2022

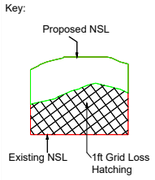
Project No.	Drawing No.	Revision
HA163_14	BRE_31	-

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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	Accucities 3D Model - 27 Sept 2021 002188_Hartfield-Swords,Dublin_HD_MASTER	14. 2D INFO 02 FEB 2021 Architects Plans and elevation dwgs	N/A

Project Name
Hartfield Place, Dublin

Drawing Title
WINDOW MAPS
BLOCK G

Drawn By	Scale @ A3	Date
CC	NTS	21 Feb 2022

Project No.	Drawing No.	Revision
HA163_14	BRE_32	-

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Appendix XI

Consented v Proposed Results



Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	16. Granted schemes 10 Feb 2022
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	HARTPL-CWO-BT-B1-M3-A-090001_374Units_ACIS Solids.dwg

Project Name

Hartfield Place, Dublin

Drawing Title

PLAN VIEW

GRANTED SCHEME

Drawn By	Scale @ A3	Date
CC	1/1250	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_16	BRE_01	-

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Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	16. Granted schemes 10 Feb 2022
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	HARTPL-CWO-BT-B1-M3-A-090001_374Units_ACIS Solids.dwg

Project Name
Hartfield Place, Dublin

Drawing Title
3D VIEW
GRANTED SCHEME

Drawn By	Scale @ A3	Date
CC	NTS	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_16	BRE_04	-

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Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	16. Granted schemes 10 Feb 2022
002188_Hartfield-Swords.Dublin_HD_MASTER	002188_Hartfield-Swords.Dublin_HD_MASTER	Architects Plans and elevation dwgs	HARTPL-CWO-BT-B1-M3-A-090001_374Units_ACIS Solids.dwg

Project Name
Hartfield Place, Dublin

Drawing Title
PLAN VIEW
PROPOSED

Drawn By	Scale @ A3	Date
CC	1/1250	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_16	BRE_03	-

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Key:

- Existing
- Proposed
- Consented
- Surrounding Context

Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	16. Granted schemes 10 Feb 2022
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	HARTPL-CWO-BT-B1-M3-A-090001_374Units_ACIS Solids.dwg

Project Name
Hartfield Place, Dublin

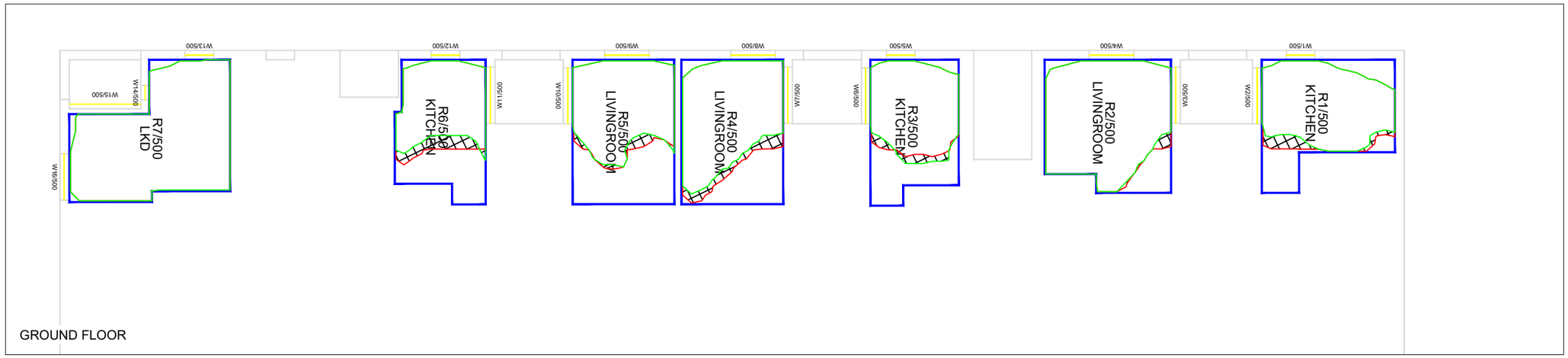
Drawing Title
3D VIEW
PROPOSED

Drawn By	Scale @ A3	Date
CC	NTS	28 Feb 2022

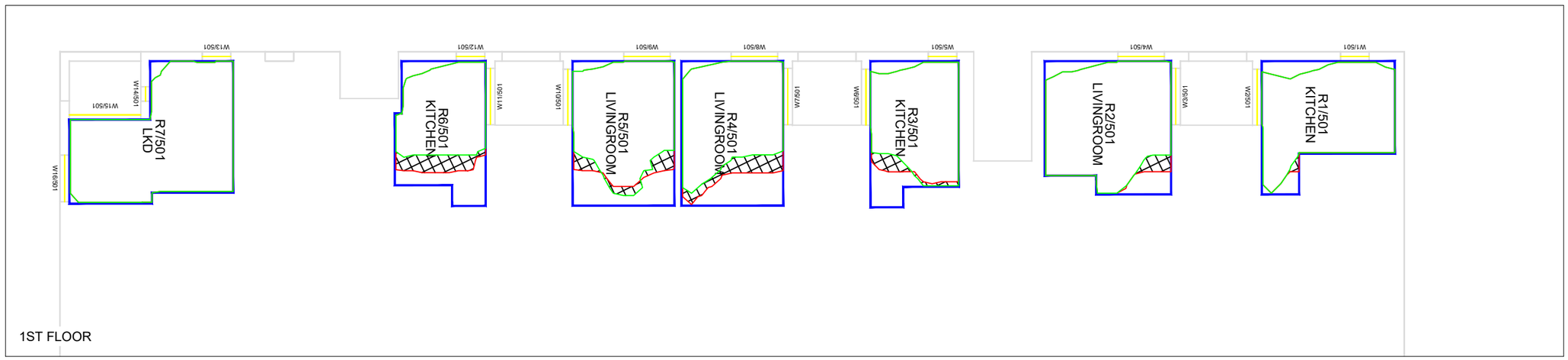
Project No.	Drawing No.	Revision
HA163_16	BRE_04	-

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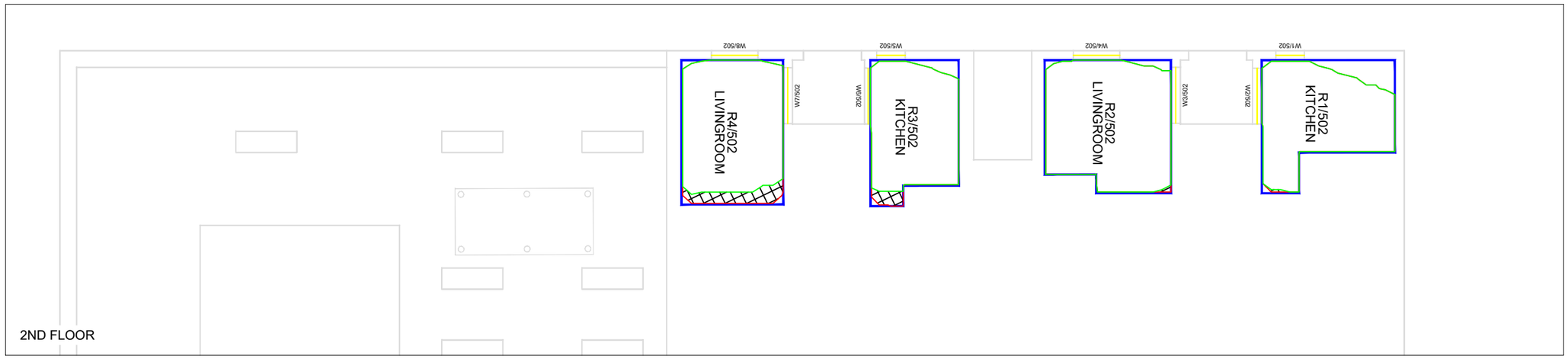
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GROUND FLOOR

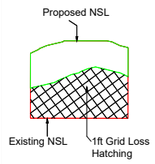


1ST FLOOR



2ND FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**16. Granted schemes 10 Feb 2022**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	HARTPL-CWO-BT-B1-M3-A-090001_374Units_ACIS Solids.dwg

Project Name
Hartfield Place, Dublin

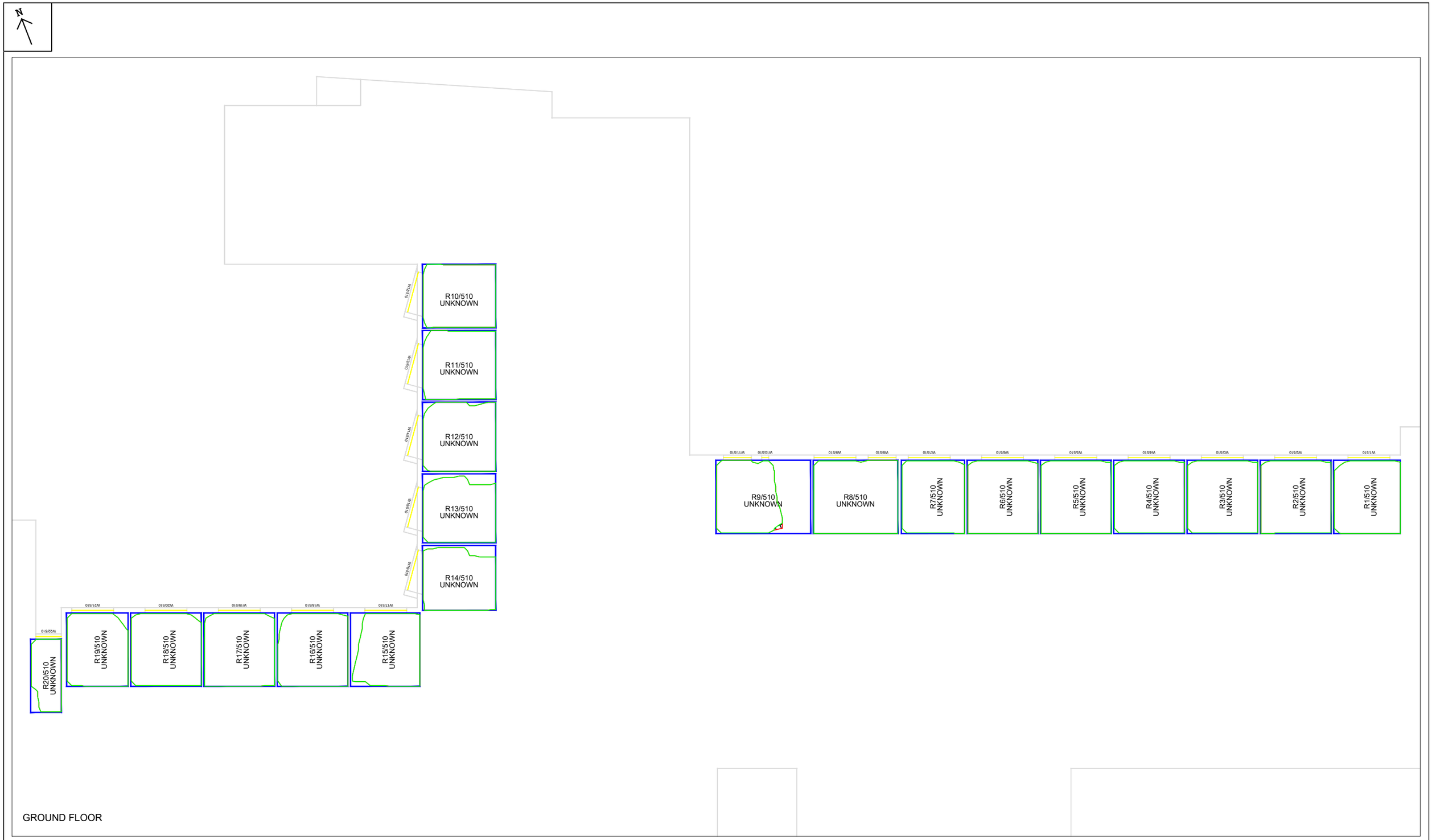
Drawing Title
NO SKYLINE CONTOURS CONTOURS
BEACHLAWN RESIDENTIAL HOME

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

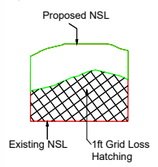
Project No.	Drawing No.	Revision
HA163_16	BRE_05	-

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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	16. Granted schemes 10 Feb 2022
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	HARTPL-CWO-BT-B1-M3-A-090001_374Units_ACIS Solids.dwg

Project Name
Hartfield Place, Dublin

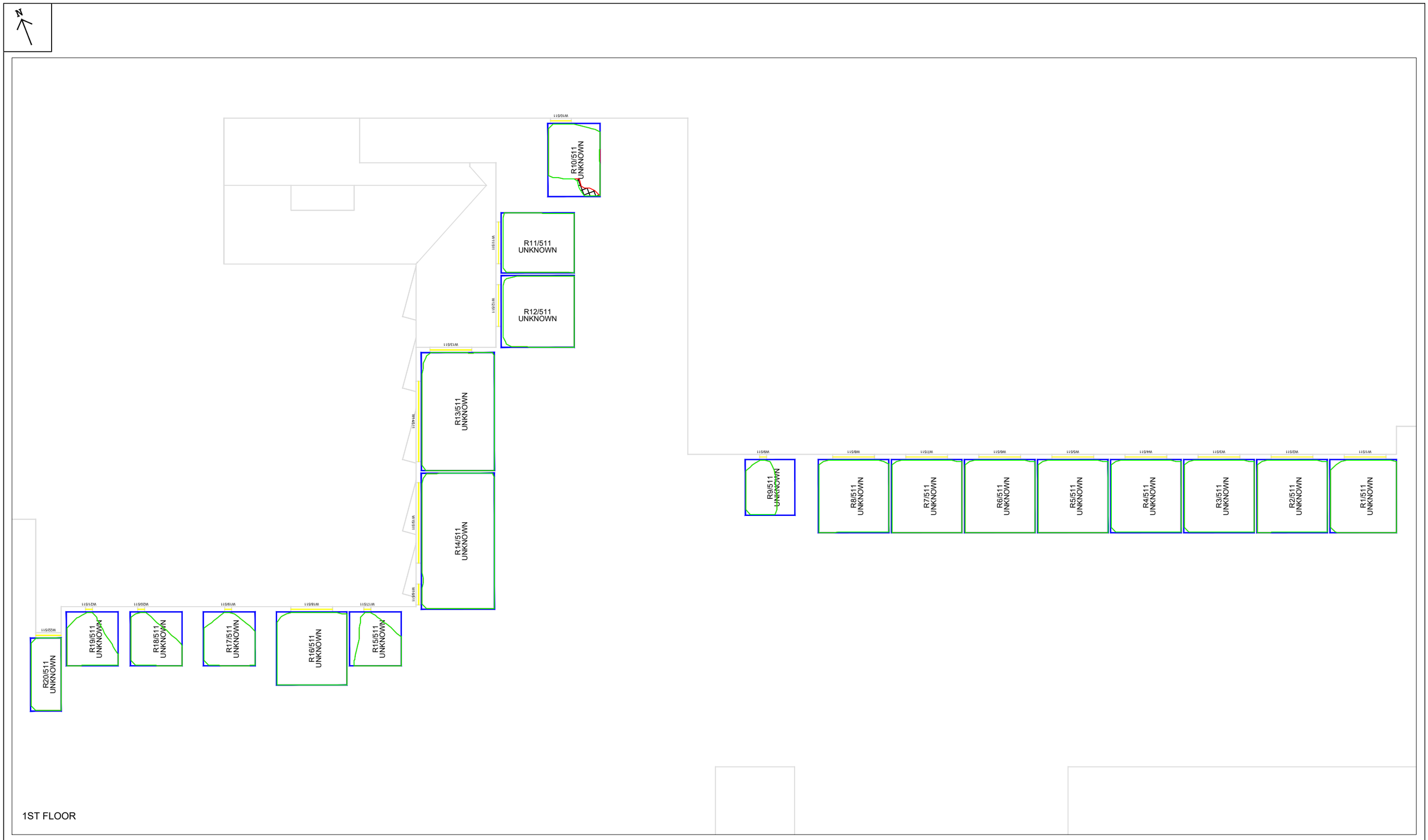
Drawing Title
NO SKYLINE CONTOURS CONTOURS
HIGHFIELD HEALTHCARE

Drawn By	Scale @ A3	Date
CC	1/200	28 Feb 2022

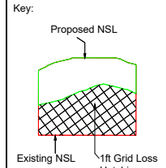
Project No.	Drawing No.	Revision
HA163_16	BRE_06	-

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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**16. Granted schemes 10 Feb 2022**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	HARTPL-CWO-BT-B1-M3-A-090001_374Units_ACIS Solids.dwg

Project Name
Hartfield Place, Dublin

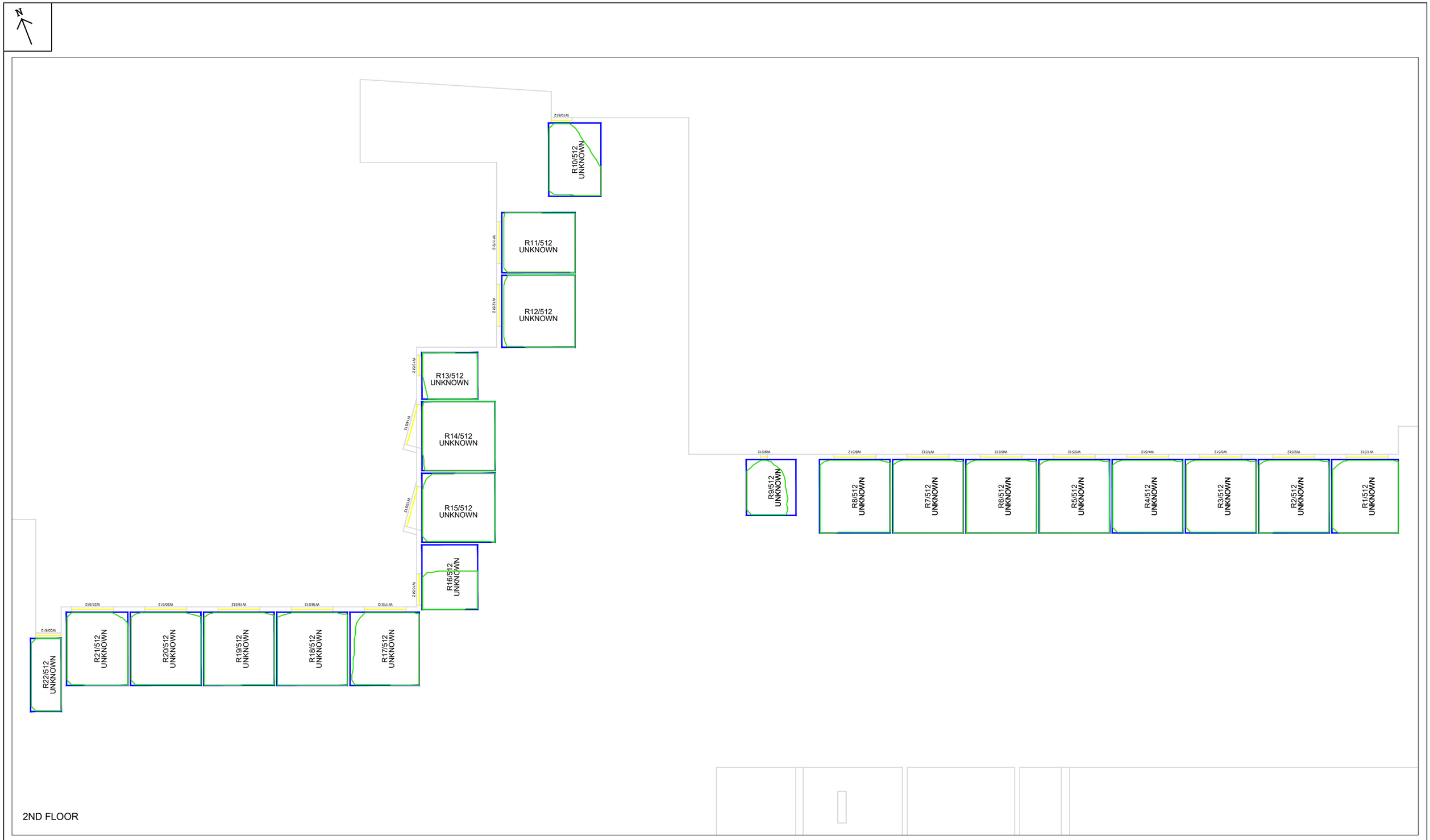
Drawing Title
NO SKYLINE CONTOURS CONTOURS
HIGHFIELD HEALTHCARE

Drawn By	Scale @ A3	Date
CC	1/200	28 Feb 2022

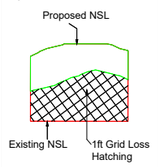
Project No.	Drawing No.	Revision
HA163_16	BRE_07	-

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Key:



Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
16. Granted schemes 10 Feb 2022
HARTPL-CWO-BT-B1-M3-A-090001_374Units_ACIS Solids.dwg

Project Name
Hartfield Place, Dublin

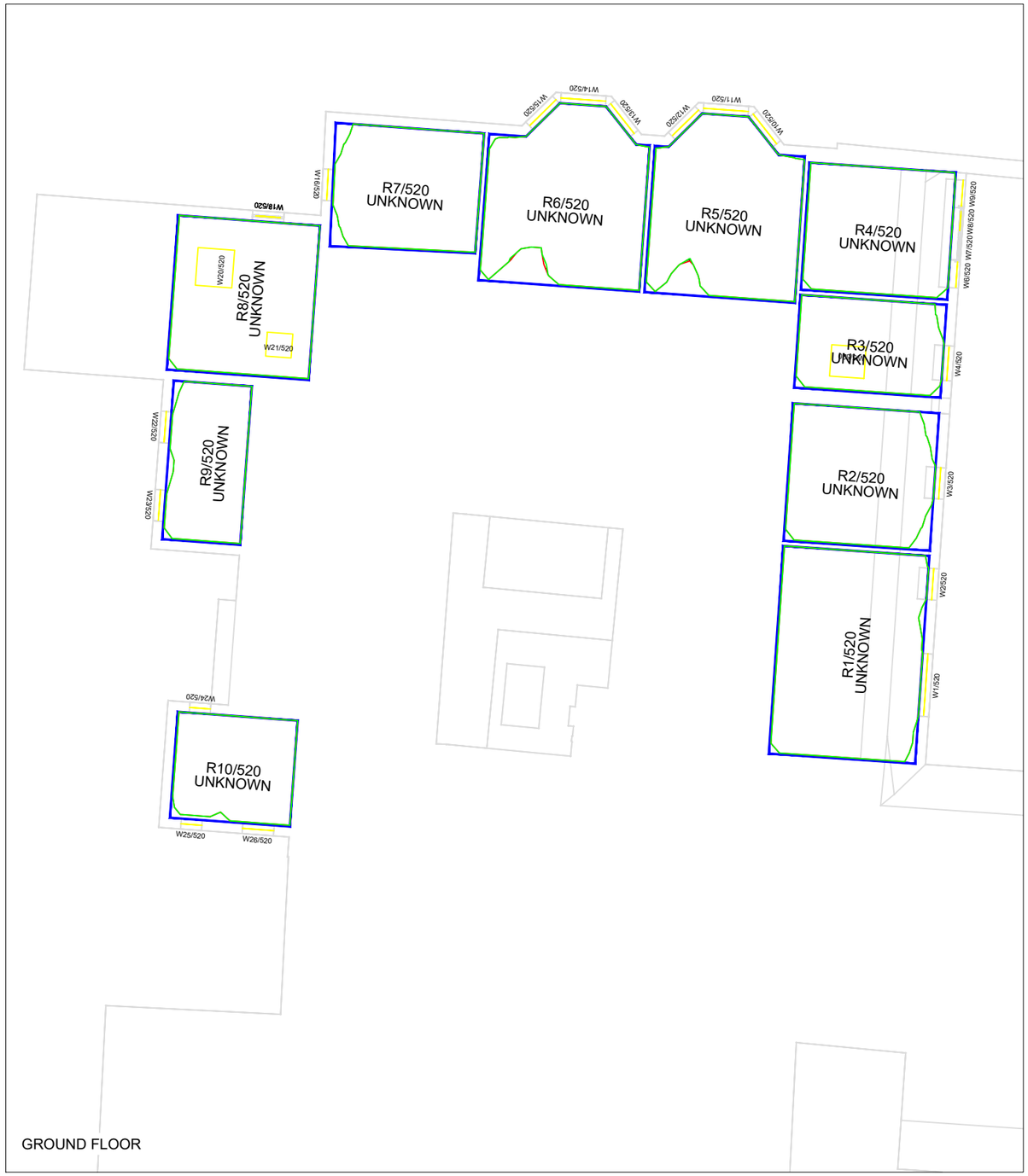
Drawing Title
NO SKYLINE CONTOURS CONTOURS
HIGHFIELD HEALTHCARE

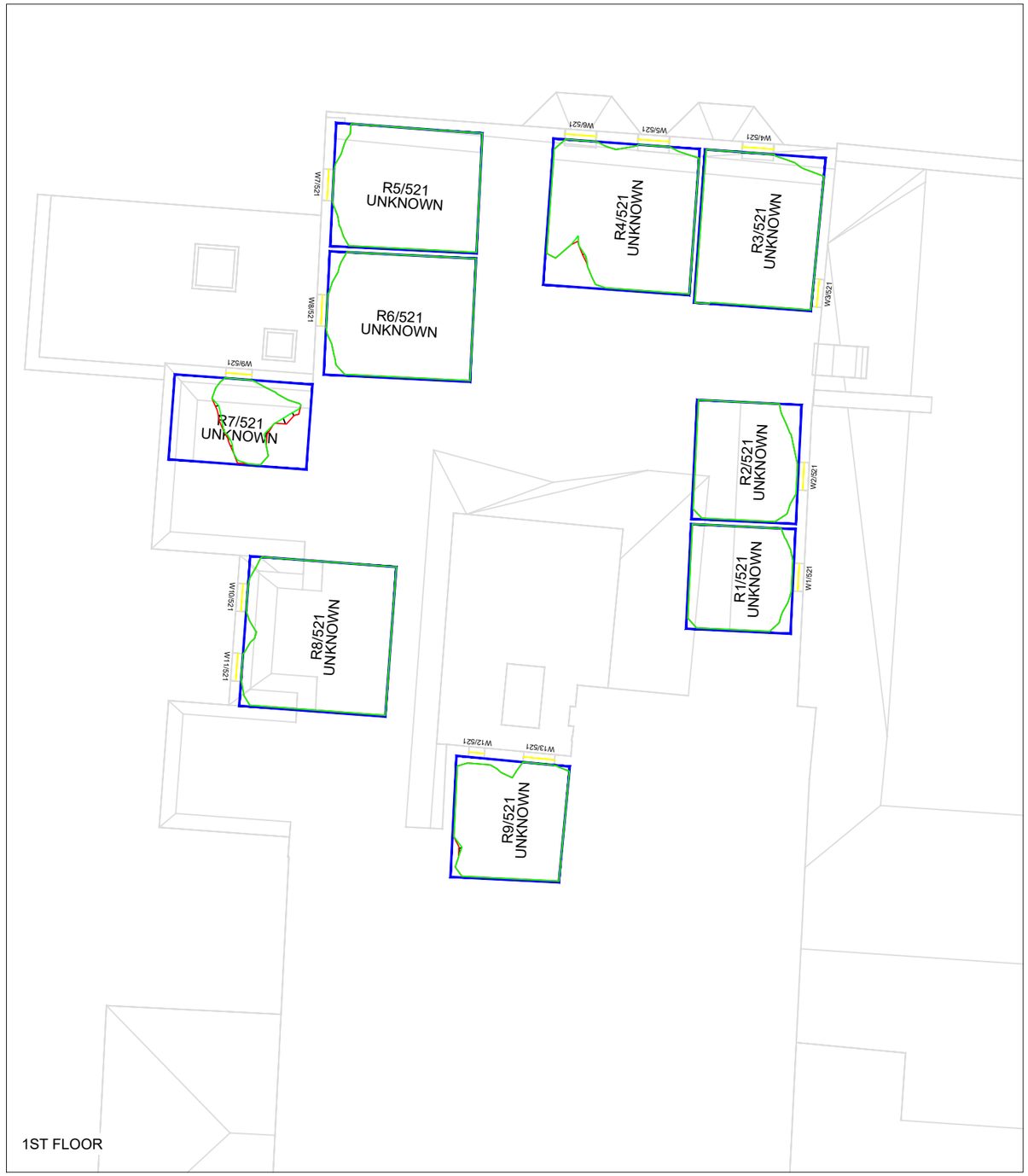
Drawn By	Scale @ A3	Date
CC	1/200	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_16	BRE_08	-

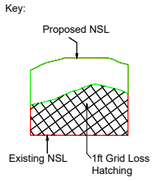
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Key:



Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
16. Granted schemes 10 Feb 2022
HARTPL-CWO-BT-B1-M3-A-090001_374Units_ACIS Solids.dwg

Project Name
Hartfield Place, Dublin

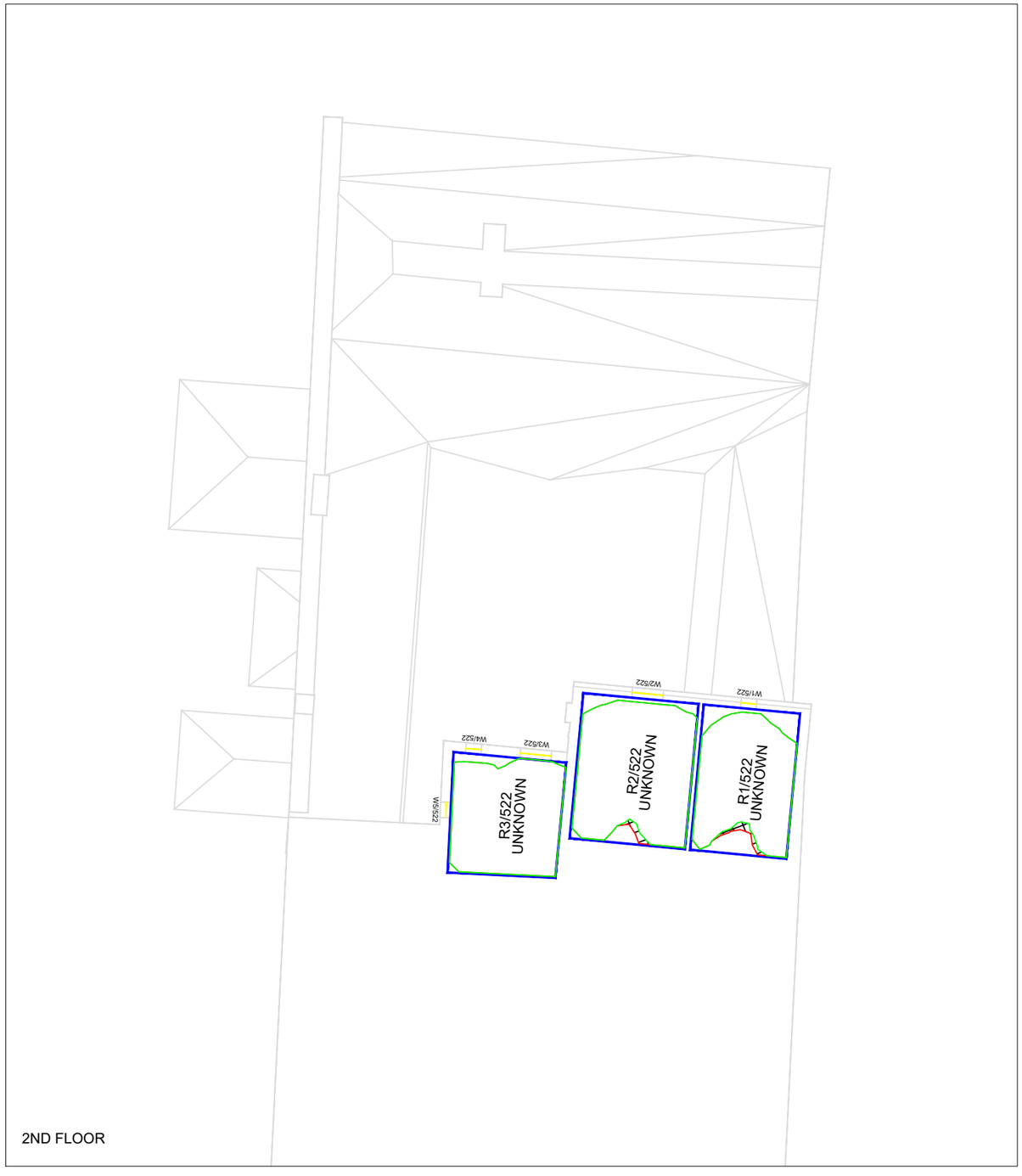
Drawing Title
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HIGHFIELD HEALTHCARE OUTPATIENTS

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

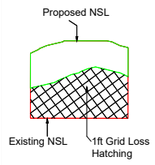
Project No.	Drawing No.	Revision
HA163_16	BRE_09	-

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Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	Accucities 3D Model - 27 Sept 2021	14. 2D INFO 02 FEB 2021	16. Granted schemes 10 Feb 2022
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	HARTPL-CWO-BT-B1-M3-A-090001_374Units_ACIS Solids.dwg

Project Name
Hartfield Place, Dublin

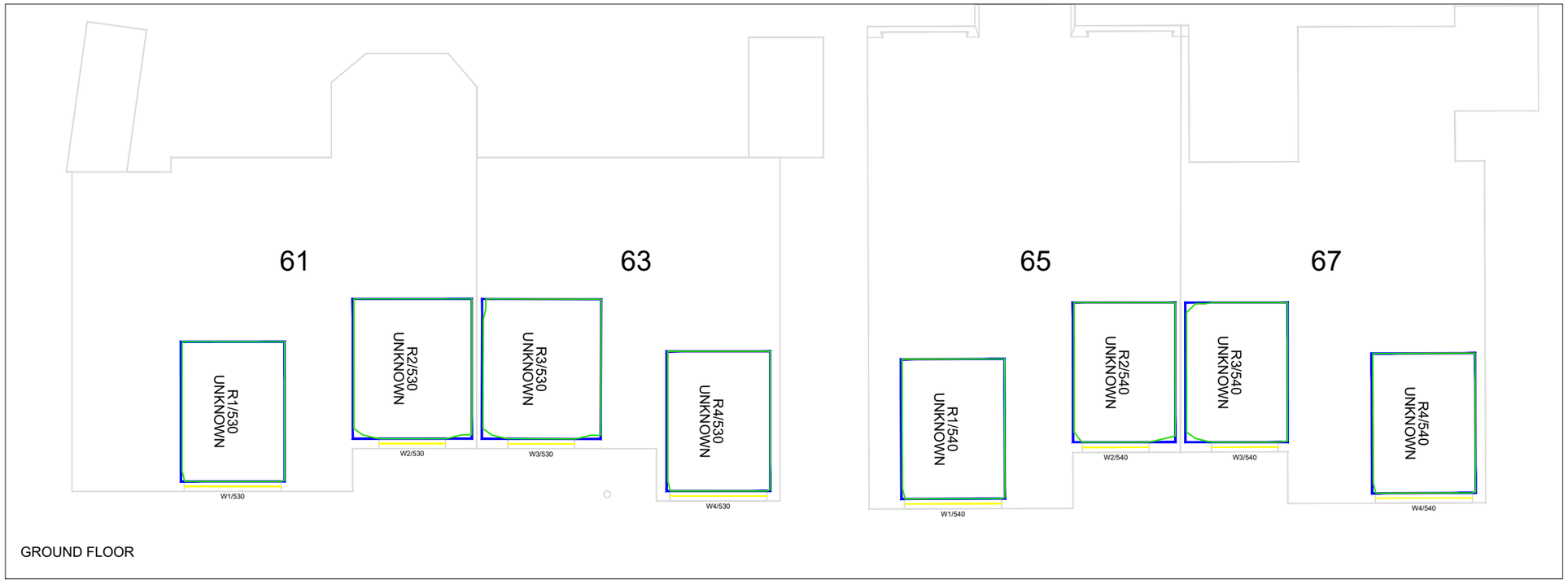
Drawing Title
NO SKYLINE CONTOURS CONTOURS
HIGHFIELD HEALTHCARE OUTPATIENTS

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

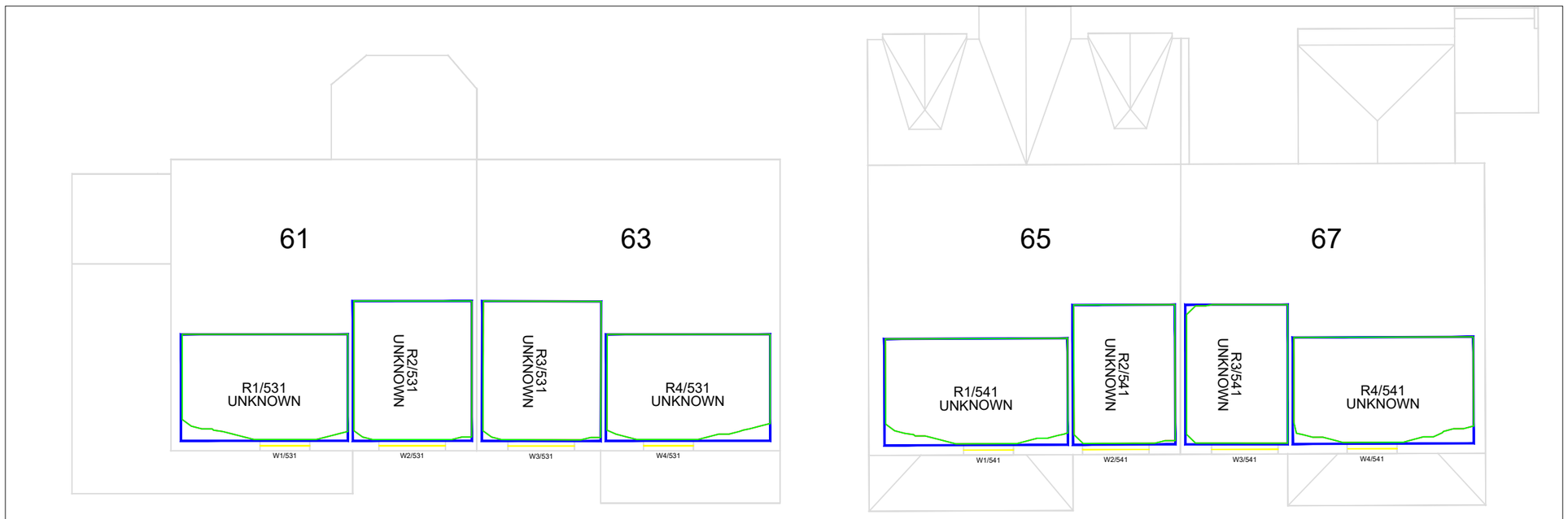
Project No.	Drawing No.	Revision
HA163_16	BRE_10	-

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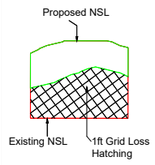


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**16. Granted schemes 10 Feb 2022**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	HARTPL-CWO-BT-B1-M3-A-090001_374Units_ACIS Solids.dwg

Project Name
Hartfield Place, Dublin

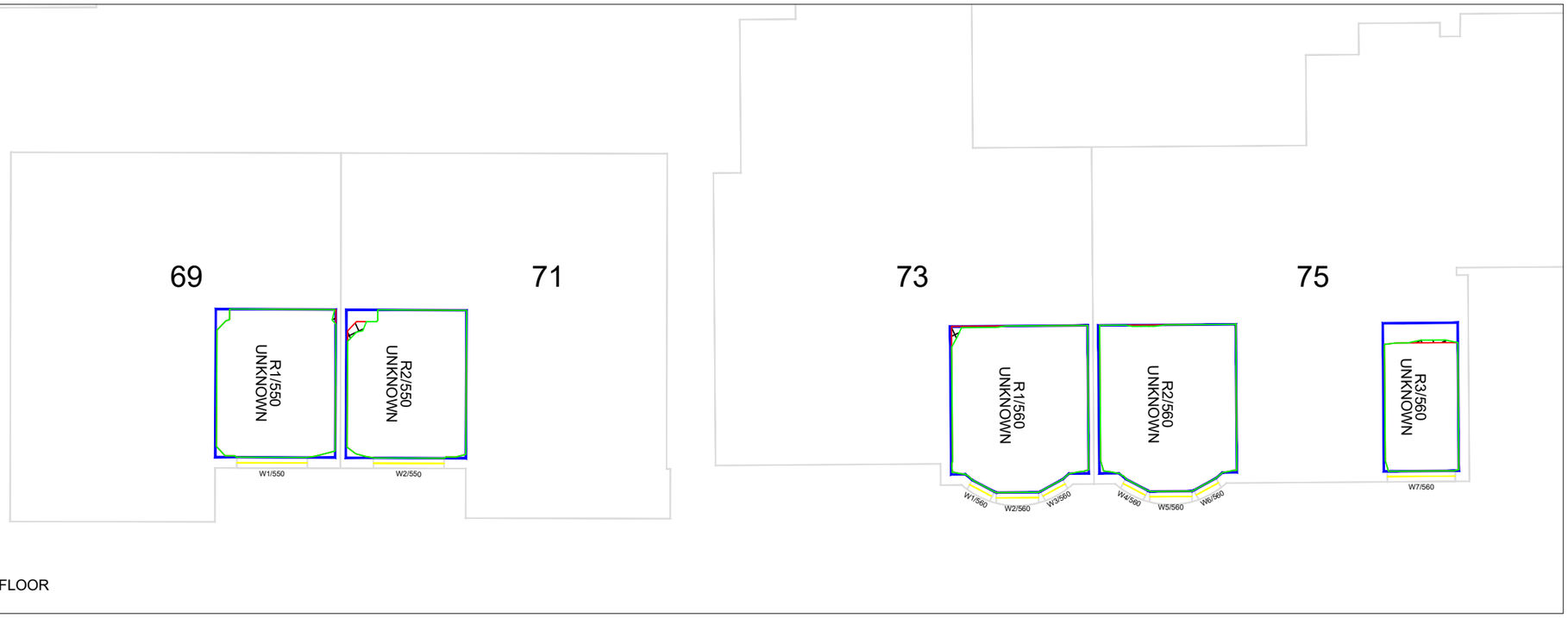
Drawing Title
NO SKYLINE CONTOURS CONTOURS
61-67 SWORDS ROAD

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_16	BRE_11	-

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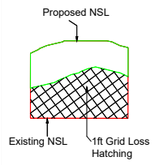


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**16. Granted schemes 10 Feb 2022**
002188_Hartfield-Swords,Dublin_HD_MASTER	002188_Hartfield-Swords,Dublin_HD_MASTER	Architects Plans and elevation dwgs	HARTPL-CWO-BT-B1-M3-A-090001_374Units_ACIS Solids.dwg

Project Name
Hartfield Place, Dublin

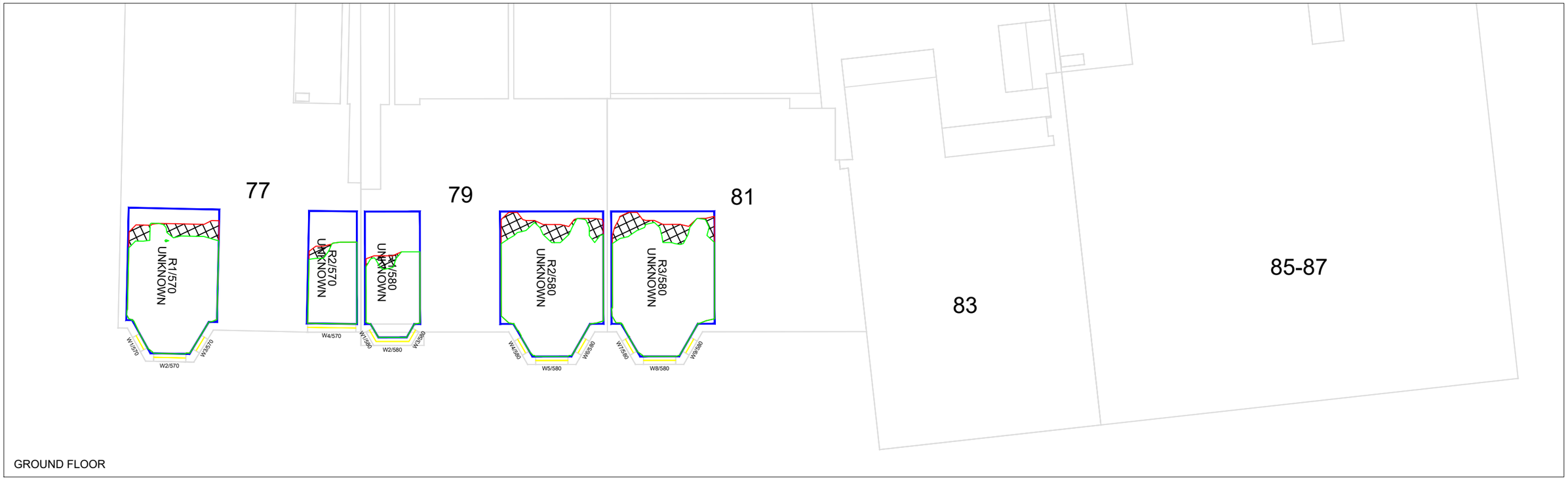
Drawing Title
NO SKYLINE CONTOURS CONTOURS
69-75 SWORDS ROAD

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_16	BRE_12	-

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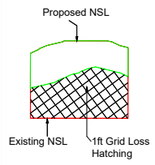


GROUND FLOOR



1ST FLOOR

Key:



Sources of information

Existing building	Surrounding buildings	Proposed building	Consented
Accucities 3D Model - 27 Sept 2021	**Accucities 3D Model - 27 Sept 2021**	**14. 2D INFO 02 FEB 2021**	**16. Granted schemes 10 Feb 2022**
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Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS CONTOURS
77-87 SWORDS ROAD

Drawn By	Scale @ A3	Date
CC	1/150	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_16	BRE_13	-

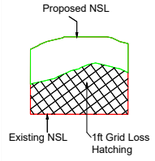
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1ST FLOOR

Key:



Sources of information

Existing building
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Surrounding buildings
Accucities 3D Model - 27 Sept 2021
002188_Hartfield-Swords,Dublin_HD_MASTER

Proposed building
14. 2D INFO 02 FEB 2021
Architects Plans and elevation dwgs

Consented
16. Granted schemes 10 Feb 2022
HARTPL-CWO-BT-B1-M3-A-090001_374Units_ACIS Solids.dwg

Project Name
Hartfield Place, Dublin

Drawing Title
NO SKYLINE CONTOURS CONTOURS
91 SWORDS ROAD

Drawn By	Scale @ A3	Date
CC	1/100	28 Feb 2022

Project No.	Drawing No.	Revision
HA163_16	BRE_13	-

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AVISON YOUNG

HARTFIELD PLACE DUBLIN
28-Feb-22
JOB 16 - DAYLIGHT RESULTS
PROPOSED V GRANTED SCHEMES

			%VSC			% Daylight Factor			Daylight Distribution					
Room/Floor	Room Use	Window	Exist	Prop	% Loss	Exist	Prop	% Loss	Room Area sq ft	Existing Area sq ft	Existing % of Room Area	Proposed Area sq ft	Proposed % of Room Area	% Loss of Existing
Beechlawn Nursing Home - BRE_05														
Gnd Floor														
R1/500	KITCHEN	W1/500	25.36	23.27	8.24%	0.91	0.83	8.93%	153.3	115.4	75.28%	106.9	69.73%	7.37%
		W2/500	1.29	0.97	24.81%									
R2/500	LIVINGROOM	W3/500	2.66	2.29	13.91%	1.63	1.53	5.66%	176	152.2	86.48%	149.4	84.89%	1.84%
		W4/500	24.80	22.65	8.67%									
R3/500	KITCHEN	W5/500	24.29	22.21	8.56%	1.00	0.96	3.62%	130.4	84.3	64.65%	86.5	66.33%	-2.61%
		W6/500	1.19	1.02	14.29%									
R4/500	LIVINGROOM	W7/500	2.10	1.42	32.38%	1.59	1.45	8.81%	163.1	121.4	74.43%	111	68.06%	8.57%
		W8/500	23.94	22.02	8.02%									
R5/500	LIVINGROOM	W9/500	23.72	21.92	7.59%	1.34	1.30	3.13%	163.1	101.2	62.05%	96.4	59.10%	4.74%
		W10/500	1.27	1.22	3.94%									
R6/500	KITCHEN	W11/500	1.65	1.01	38.79%	1.15	0.99	14.05%	128.7	84.7	65.81%	74.2	57.65%	12.40%
		W12/500	23.41	21.92	6.36%									
R7/500	LKD	W13/500	23.32	22.18	4.89%	1.90	1.88	1.26%	196.2	188.1	95.87%	188.1	95.87%	0.00%
		W14/500	1.67	1.66	0.60%									
		W15/500	6.12	5.46	10.78%									
		W16/500	34.21	34.16	>27									
1st Floor														
R1/501	KITCHEN	W1/501	28.70	26.64	7.18%	1.17	1.06	8.83%	153.3	135.3	88.26%	134.1	87.48%	0.89%
		W2/501	1.85	1.56	15.68%									
R2/501	LIVINGROOM	W3/501	3.51	3.14	10.54%	2.44	2.31	5.41%	176	157	89.20%	151.5	86.08%	3.50%
		W4/501	27.52	25.46	7.49%									
R3/501	KITCHEN	W5/501	27.25	25.26	7.30%	1.30	1.22	6.09%	130.4	105.9	81.21%	101.9	78.14%	3.78%
		W6/501	1.83	1.67	8.74%									
R4/501	LIVINGROOM	W7/501	2.57	1.84	28.40%	2.43	2.22	8.77%	163.1	130.2	79.83%	114.9	70.45%	11.75%
		W8/501	26.42	24.57	7.00%									
R5/501	LIVINGROOM	W9/501	26.21	24.55	6.33%	2.24	2.15	3.97%	163.1	126.1	77.31%	120.5	73.88%	4.44%
		W10/501	1.84	1.78	3.26%									
R6/501	KITCHEN	W11/501	2.23	1.63	26.91%	1.41	1.24	12.02%	128.7	97.7	75.91%	82.7	64.26%	15.35%
		W12/501	26.30	24.80	5.70%									
R7/501	LKD	W13/501	26.10	24.98	4.29%	2.56	2.52	1.60%	196.5	189.5	96.44%	189.5	96.44%	0.00%
		W14/501	2.17	2.14	1.38%									
		W15/501	5.48	5.05	7.85%									
		W16/501	35.53	35.49	>27									
2nd Floor														
R1/502	KITCHEN	W1/502	30.97	29.23	>27	1.39	1.32	5.10%	153.3	132.7	86.56%	132.2	86.24%	0.38%
		W2/502	2.68	2.43	9.33%									
R2/502	LIVINGROOM	W3/502	4.04	3.74	7.43%	2.64	2.53	4.17%	176	169.3	96.19%	168.7	95.85%	0.35%
		W4/502	30.00	28.24	>27									
R3/502	KITCHEN	W5/502	29.93	28.29	>27	1.60	1.53	4.26%	130.4	122.1	93.63%	117.3	89.95%	3.93%
		W6/502	2.66	2.51	5.64%									
R4/502	LIVINGROOM	W7/502	3.34	2.77	17.07%	2.69	2.54	5.36%	163.1	157.1	96.32%	143.1	87.74%	8.91%
		W8/502	29.20	27.68	>27									
Highfield Healthcare - BRE_06-08														
Gnd Floor														
R1/510	UNKNOWN	W1/510	29.54	29.47	>27	2.28	2.27	0.22%	172.9	166.9	96.53%	166.9	96.53%	0.00%
R2/510	UNKNOWN	W2/510	33.32	33.24	>27	2.43	2.43	0.21%	183.1	177.6	97.00%	177.6	97.00%	0.00%
R3/510	UNKNOWN	W3/510	33.45	33.35	>27	2.42	2.42	0.25%	183.1	176.9	96.61%	176.9	96.61%	0.00%
R4/510	UNKNOWN	W4/510	33.08	32.98	>27	2.40	2.39	0.25%	183.1	176.9	96.61%	176.9	96.61%	0.00%
R5/510	UNKNOWN	W5/510	32.50	32.41	>27	2.36	2.36	0.25%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R6/510	UNKNOWN	W6/510	31.57	31.48	>27	2.31	2.30	0.26%	183.1	178.8	97.65%	178.8	97.65%	0.00%
R7/510	UNKNOWN	W7/510	30.13	30.06	>27	2.41	2.40	0.17%	163.9	158.2	96.52%	158.2	96.52%	0.00%
R8/510	UNKNOWN	W8/510	28.07	27.99	>27	3.40	3.39	0.15%	219.3	215.7	98.36%	215.7	98.36%	0.00%
		W9/510	26.51	26.42	0.34%									
R9/510	UNKNOWN	W10/510	22.19	22.12	0.32%	1.38	1.37	0.15%	245.3	153	62.37%	152	61.96%	0.65%
		W11/510	19.92	19.88	0.20%									
R10/510	UNKNOWN	W12/510	23.74	23.74	0.00%	2.03	2.03	0.00%	165	159.5	96.67%	159.5	96.67%	0.00%
R11/510	UNKNOWN	W13/510	27.91	27.81	>27	2.12	2.12	0.28%	178.8	172.6	96.53%	172.6	96.53%	0.00%
R12/510	UNKNOWN	W14/510	26.54	26.42	0.45%	2.07	2.06	0.29%	178.8	172.3	96.36%	172.3	96.36%	0.00%
R13/510	UNKNOWN	W15/510	23.64	23.55	0.38%	1.93	1.93	0.31%	178.8	156.7	87.64%	156.7	87.64%	0.00%
R14/510	UNKNOWN	W16/510	19.38	19.27	0.57%	1.80	1.79	0.39%	167.9	150.9	89.87%	150.9	89.87%	0.00%
R15/510	UNKNOWN	W17/510	16.59	16.64	-0.30%	1.56	1.56	-0.19%	179.7	156	86.81%	156	86.81%	0.00%
R16/510	UNKNOWN	W18/510	22.05	22.23	-0.82%	1.82	1.83	-0.61%	183.1	175.4	95.79%	175.4	95.79%	0.00%

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Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Daylight Distribution					
			Exist	Prop	% Loss	Exist	Prop	% Loss	Room Area sq ft	Existing Area sq ft	Existing % of Room Area	Proposed Area sq ft	Proposed % of Room Area	% Loss of Existing
R17/510	UNKNOWN	W19/510	25.40	25.55	-0.59%	1.99	2.00	-0.45%	183.1	177.7	97.05%	177.7	97.05%	0.00%
R18/510	UNKNOWN	W20/510	26.29	26.43	-0.53%	2.04	2.04	-0.39%	183.1	175.3	95.74%	175.3	95.74%	0.00%
R19/510	UNKNOWN	W21/510	22.49	22.55	-0.27%	2.03	2.04	-0.20%	159.4	151	94.73%	151	94.73%	0.00%
R20/510	UNKNOWN	W22/510	8.80	8.92	-1.36%	1.42	1.44	-0.77%	79.5	70.8	89.06%	70.8	89.06%	0.00%
1st Floor														
R1/511	UNKNOWN	W1/511	31.28	31.17	>27	2.40	2.39	0.29%	172.9	166.9	96.53%	166.9	96.53%	0.00%
R2/511	UNKNOWN	W2/511	35.11	35.01	>27	2.57	2.56	0.27%	183.1	177.6	97.00%	177.6	97.00%	0.00%
R3/511	UNKNOWN	W3/511	35.23	35.11	>27	2.56	2.55	0.35%	183.1	176.9	96.61%	176.9	96.61%	0.00%
R4/511	UNKNOWN	W4/511	34.93	34.80	>27	2.54	2.53	0.35%	183.1	176.9	96.61%	176.9	96.61%	0.00%
R5/511	UNKNOWN	W5/511	34.47	34.33	>27	2.51	2.50	0.36%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R6/511	UNKNOWN	W6/511	33.72	33.60	>27	2.47	2.46	0.32%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R7/511	UNKNOWN	W7/511	32.44	32.36	>27	2.39	2.39	0.21%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R8/511	UNKNOWN	W8/511	30.04	29.95	>27	2.25	2.25	0.22%	183.1	177.5	96.94%	177.5	96.94%	0.00%
R9/511	UNKNOWN	W9/511	23.97	23.89	0.33%	0.39	0.39	0.26%	98.2	54	54.99%	54	54.99%	0.00%
R10/511	UNKNOWN	W10/511	20.99	21.23	-1.14%	1.02	1.03	-0.88%	135.6	103.7	76.47%	108.3	79.87%	-4.44%
R11/511	UNKNOWN	W11/511	24.00	23.97	0.13%	1.53	1.52	0.13%	156	149.2	95.64%	149.2	95.64%	0.00%
R12/511	UNKNOWN	W12/511	21.70	21.64	0.28%	1.28	1.27	0.16%	186.5	177.3	95.07%	177.3	95.07%	0.00%
R13/511	UNKNOWN	W13/511	14.56	14.44	0.82%	3.75	3.73	0.40%	306.4	301	98.24%	301	98.24%	0.00%
		W14/511	28.18	28.07	>27									
R14/511	UNKNOWN	W15/511	21.86	21.77	0.41%	2.54	2.53	0.35%	353.5	346.7	98.08%	346.7	98.08%	0.00%
		W16/511	14.41	14.32	0.62%									
R15/511	UNKNOWN	W17/511	19.45	19.66	-1.08%	0.34	0.34	-1.48%	99.3	69.1	69.59%	69.1	69.59%	0.00%
R16/511	UNKNOWN	W18/511	24.65	24.90	-1.01%	1.97	1.99	-0.76%	183.1	177.8	97.11%	177.8	97.11%	0.00%
R17/511	UNKNOWN	W19/511	28.44	28.61	>27	0.43	0.43	-0.93%	99.3	83.1	83.69%	83.1	83.69%	0.00%
R18/511	UNKNOWN	W20/511	28.00	28.06	>27	0.43	0.43	-0.23%	99.3	74.8	75.33%	74.8	75.33%	0.00%
R19/511	UNKNOWN	W21/511	23.99	24.03	-0.17%	0.42	0.42	-0.24%	99.3	72.3	72.81%	72.3	72.81%	0.00%
R20/511	UNKNOWN	W22/511	8.94	9.05	-1.23%	1.43	1.44	-0.77%	79.5	76.3	95.97%	76.3	95.97%	0.00%
2nd Floor														
R1/512	UNKNOWN	W1/512	30.62	30.50	>27	2.41	2.40	0.29%	172.9	166.9	96.53%	166.9	96.53%	0.00%
R2/512	UNKNOWN	W2/512	34.06	33.95	>27	2.58	2.57	0.27%	183.1	177.6	97.00%	177.6	97.00%	0.00%
R3/512	UNKNOWN	W3/512	34.14	34.01	>27	2.58	2.57	0.39%	183.1	176.9	96.61%	176.9	96.61%	0.00%
R4/512	UNKNOWN	W4/512	33.96	33.82	>27	2.56	2.55	0.35%	183.1	176.9	96.61%	176.9	96.61%	0.00%
R5/512	UNKNOWN	W5/512	33.72	33.57	>27	2.55	2.54	0.39%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R6/512	UNKNOWN	W6/512	33.35	33.21	>27	2.53	2.52	0.36%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R7/512	UNKNOWN	W7/512	32.64	32.58	>27	2.48	2.48	0.16%	183.1	178.9	97.71%	178.9	97.71%	0.00%
R8/512	UNKNOWN	W8/512	31.19	31.11	>27	2.40	2.39	0.21%	183.1	177.6	97.00%	177.6	97.00%	0.00%
R9/512	UNKNOWN	W9/512	25.51	25.45	0.24%	0.42	0.42	0.24%	98.2	68.6	69.86%	68.6	69.86%	0.00%
R10/512	UNKNOWN	W10/512	18.22	18.14	0.44%	0.96	0.95	0.31%	135.6	107.8	79.50%	107.8	79.50%	0.00%
R11/512	UNKNOWN	W11/512	25.60	25.55	0.20%	1.96	1.96	0.10%	156	149.2	95.64%	149.2	95.64%	0.00%
R12/512	UNKNOWN	W12/512	22.02	21.95	0.32%	1.57	1.57	0.19%	186.5	179.9	96.46%	179.9	96.46%	0.00%
R13/512	UNKNOWN	W13/512	31.38	31.23	>27	1.84	1.84	0.33%	92	88	95.65%	88	95.65%	0.00%
R14/512	UNKNOWN	W14/512	31.56	31.38	>27	2.41	2.40	0.46%	178.8	176.3	98.60%	176.3	98.60%	0.00%
R15/512	UNKNOWN	W15/512	28.75	28.60	>27	2.25	2.24	0.44%	178.8	172.4	96.42%	172.4	96.42%	0.00%
R16/512	UNKNOWN	W16/512	14.10	13.97	0.92%	1.38	1.37	0.51%	127.9	73.7	57.62%	73.7	57.62%	0.00%
R17/512	UNKNOWN	W17/512	17.06	17.05	0.06%	1.63	1.63	0.06%	179.7	164.7	91.65%	164.7	91.65%	0.00%
R18/512	UNKNOWN	W18/512	26.49	26.57	-0.30%	2.12	2.12	-0.24%	183.1	178.5	97.49%	178.5	97.49%	0.00%
R19/512	UNKNOWN	W19/512	29.33	29.36	>27	2.28	2.28	-0.09%	183.1	178	97.21%	178	97.21%	0.00%
R20/512	UNKNOWN	W20/512	29.34	29.27	>27	2.27	2.27	0.18%	183.1	176.2	96.23%	176.2	96.23%	0.00%
R21/512	UNKNOWN	W21/512	24.69	24.64	0.20%	2.22	2.21	0.18%	159.4	152.7	95.80%	152.7	95.80%	0.00%
R22/512	UNKNOWN	W22/512	8.06	8.13	-0.87%	1.33	1.33	-0.45%	79.5	76.3	95.97%	76.3	95.97%	0.00%
Highfield Healthcare Outpatients - BRE_09-10														
Gnd Floor														
R1/520	UNKNOWN	W1/520	31.06	31.06	>27	1.17	1.17	0.00%	269.7	261.7	97.03%	261.7	97.03%	0.00%
		W2/520	31.75	31.74	>27									
R2/520	UNKNOWN	W3/520	32.17	32.16	>27	0.59	0.59	0.17%	178.5	166	93.00%	166	93.00%	0.00%
R3/520	UNKNOWN	W4/520	32.33	32.30	>27	2.13	2.13	0.09%	120.5	114.2	94.77%	114.2	94.77%	0.00%
		W5/520	71.21	71.18	>27									
R4/520	UNKNOWN	W6/520	31.41	31.39	>27	1.97	1.97	0.00%	165	160.9	97.52%	160.9	97.52%	0.00%
		W7/520	29.16	29.13	>27									
		W8/520	26.29	26.29	0.00%									
		W9/520	21.60	21.60	0.00%									
R5/520	UNKNOWN	W10/520	25.18	25.09	0.36%	2.23	2.21	0.72%	219.7	207.1	94.26%	207	94.22%	0.05%
		W11/520	26.13	25.87	1.00%									
		W12/520	23.82	23.44	1.60%									
R6/520	UNKNOWN	W13/520	22.44	22.31	0.58%	2.12	2.10	0.90%	233.3	216.1	92.63%	215.8	92.50%	0.14%
		W14/520	26.08	25.71	1.42%									
		W15/520	25.94	25.52	1.62%									
R7/520	UNKNOWN	W16/520	25.98	25.77	0.81%	0.75	0.75	0.53%	158.3	149.5	94.44%	149.5	94.44%	0.00%
R8/520	UNKNOWN	W17/520	18.99	18.50	2.58%	1.94	1.93	0.57%	194.4	190.6	98.05%	190.6	98.05%	0.00%
		W18/520	19.72	19.23	2.48%									
		W19/520	20.33	19.83	2.46%									
		W20/520	80.08	79.74	>27									
		W21/520	49.40	49.25	>27									

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Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Daylight Distribution					
			Exist	Prop	% Loss	Exist	Prop	% Loss	Room Area sq ft	Existing Area sq ft	Existing % of Room Area	Proposed Area sq ft	Proposed % of Room Area	% Loss of Existing
R9/520	UNKNOWN	W22/520	31.61	31.61	>27	2.22	2.22	0.13%	109.9	104.4	95.00%	104.4	95.00%	0.00%
		W23/520	36.49	36.36	>27									
R10/520	UNKNOWN	W24/520	15.94	15.78	1.00%	1.28	1.28	0.08%	112.9	108.1	95.75%	108.1	95.75%	0.00%
		W25/520	23.58	23.58	0.00%									
		W26/520	19.16	19.16	0.00%									
1st Floor														
R1/521	UNKNOWN	W1/521	34.54	34.53	>27	0.64	0.64	0.00%	96.9	88.6	91.43%	88.6	91.43%	0.00%
R2/521	UNKNOWN	W2/521	34.65	34.64	>27	0.58	0.58	0.17%	110.2	99.1	89.93%	99.1	89.93%	0.00%
R3/521	UNKNOWN	W3/521	34.86	34.84	>27	1.25	1.25	0.40%	161.7	154.7	95.67%	154.7	95.67%	0.00%
		W4/521	28.27	28.01	>27									
R4/521	UNKNOWN	W5/521	28.27	27.94	>27	1.15	1.14	0.87%	189.8	170	89.57%	169.6	89.36%	0.24%
		W6/521	28.25	27.88	>27									
R5/521	UNKNOWN	W7/521	35.87	35.65	>27	0.83	0.83	0.48%	157.8	149.5	94.74%	149.5	94.74%	0.00%
R6/521	UNKNOWN	W8/521	33.01	32.81	>27	0.79	0.78	0.51%	159.9	151.8	94.93%	151.8	94.93%	0.00%
R7/521	UNKNOWN	W9/521	23.73	23.25	2.02%	0.37	0.36	1.89%	104.1	39.8	38.23%	37.5	36.02%	5.78%
R8/521	UNKNOWN	W10/521	32.72	32.72	>27	0.77	0.77	0.26%	194.4	188.3	96.86%	188.3	96.86%	0.00%
		W11/521	31.56	31.41	>27									
R9/521	UNKNOWN	W12/521	27.09	26.97	0.44%	0.88	0.88	0.68%	116.7	107.1	91.77%	106.8	91.52%	0.28%
		W13/521	20.28	20.13	0.74%									
2nd Floor														
R1/522	UNKNOWN	W1/522	34.05	33.72	>27	0.24	0.24	0.84%	126	104.3	82.78%	101.9	80.87%	2.30%
R2/522	UNKNOWN	W2/522	33.86	33.52	>27	0.51	0.51	0.78%	150.9	136.4	90.39%	134.7	89.26%	1.25%
R3/522	UNKNOWN	W3/522	25.27	24.90	1.46%	1.22	1.21	1.06%	116.7	108.6	93.06%	108.6	93.06%	0.00%
		W4/522	33.07	32.66	>27									
		W5/522	24.10	23.95	0.62%									
61 Swords Road - BRE_11														
Gnd Floor														
R1/530	UNKNOWN	W1/530	35.72	35.55	>27	3.81	3.80	0.42%	140.9	139	98.65%	139	98.65%	0.00%
R2/530	UNKNOWN	W2/530	33.21	33.04	>27	2.00	1.99	0.40%	161.7	158.6	98.08%	158.6	98.08%	0.00%
1st Floor														
R1/531	UNKNOWN	W1/531	31.77	31.56	>27	1.08	1.07	0.65%	172.8	162.2	93.87%	162.2	93.87%	0.00%
R2/531	UNKNOWN	W2/531	31.53	31.32	>27	1.53	1.52	0.52%	161.7	157.7	97.53%	157.7	97.53%	0.00%
63 Swords Road - BRE_11														
Gnd Floor														
R3/530	UNKNOWN	W3/530	33.29	33.16	>27	2.02	2.01	0.25%	161.7	158.2	97.84%	158.2	97.84%	0.00%
R4/530	UNKNOWN	W4/530	34.38	34.23	>27	3.69	3.68	0.41%	140.9	139	98.65%	139	98.65%	0.00%
1st Floor														
R3/531	UNKNOWN	W3/531	31.45	31.23	>27	1.52	1.51	0.59%	161.7	157.7	97.53%	157.7	97.53%	0.00%
R4/531	UNKNOWN	W4/531	31.08	30.85	>27	1.07	1.06	0.75%	170.1	160.2	94.18%	160.2	94.18%	0.00%
65 Swords Road - BRE_11														
Gnd Floor														
R1/540	UNKNOWN	W1/540	33.84	33.62	>27	3.64	3.62	0.58%	140.9	139	98.65%	139	98.65%	0.00%
R2/540	UNKNOWN	W2/540	28.73	28.46	>27	1.97	1.96	0.76%	139.3	136.4	97.92%	136.4	97.92%	0.00%
1st Floor														
R1/541	UNKNOWN	W1/541	32.27	31.97	>27	1.05	1.04	0.86%	189.9	178	93.73%	178	93.73%	0.00%
R2/541	UNKNOWN	W2/541	31.97	31.64	>27	1.77	1.76	0.90%	139.2	135.5	97.34%	135.5	97.34%	0.00%
67 Swords Road - BRE_11														
Gnd Floor														
R3/540	UNKNOWN	W3/540	29.68	29.52	>27	2.04	2.04	0.29%	139.2	135.9	97.63%	135.9	97.63%	0.00%
R4/540	UNKNOWN	W4/540	32.52	32.09	>27	3.52	3.48	1.14%	140.9	139	98.65%	139	98.65%	0.00%
1st Floor														
R3/541	UNKNOWN	W3/541	31.78	31.39	>27	1.77	1.75	1.02%	139.2	135.2	97.13%	135.2	97.13%	0.00%
R4/541	UNKNOWN	W4/541	31.40	30.94	>27	1.03	1.02	1.26%	187.3	175.4	93.65%	175.4	93.65%	0.00%
69 Swords Road - BRE_12														
Gnd Floor														
R1/550	UNKNOWN	W1/550	29.32	28.61	>27	1.85	1.82	2.00%	154	149.4	97.01%	149.2	96.88%	0.13%
1st Floor														
R1/551	UNKNOWN	W1/551	34.15	33.43	>27	1.12	1.10	1.87%	178.7	168.5	94.29%	168.5	94.29%	0.00%
R2/551	UNKNOWN	W2/551	33.96	33.18	>27	1.71	1.67	1.99%	153.9	150.3	97.66%	150.3	97.66%	0.00%
71 Swords Road - BRE_12														
Gnd Floor														
R2/550	UNKNOWN	W2/550	29.88	29.13	>27	1.90	1.86	1.90%	153.9	147.7	95.97%	146.2	95.00%	1.02%
1st Floor														
R3/551	UNKNOWN	W3/551	33.82	32.96	>27	1.71	1.67	2.17%	153.9	150.3	97.66%	149.8	97.34%	0.33%
R4/551	UNKNOWN	W4/551	33.57	32.66	>27	1.12	1.09	2.41%	176.1	166	94.26%	166	94.26%	0.00%

AVISON YOUNG

Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Daylight Distribution					
			Exist	Prop	% Loss	Exist	Prop	% Loss	Room Area sq ft	Existing Area sq ft	Existing % of Room Area	Proposed Area sq ft	Proposed % of Room Area	% Loss of Existing
73 Swords Road - BRE_12														
Gnd Floor														
R1/560	UNKNOWN	W1/560	31.91	31.05	>27	2.16	2.11	2.68%	188.5	186.3	98.83%	184.9	98.09%	0.75%
		W2/560	31.74	30.66	>27									
		W3/560	27.98	26.96	3.65%									
1st Floor														
R1/561	UNKNOWN	W1/561	28.31	27.23	>27	1.49	1.44	3.23%	144	140.2	97.36%	140.2	97.36%	0.00%
R2/561	UNKNOWN	W2/561	28.56	27.65	>27	2.06	2.00	3.01%	188.5	186.3	98.83%	186.3	98.83%	0.00%
		W3/561	32.85	31.72	>27									
		W4/561	25.78	24.71	4.15%									
75 Swords Road - BRE_12														
Gnd Floor														
R2/560	UNKNOWN	W4/560	29.62	28.74	>27	2.14	2.08	2.71%	188.5	186.1	98.73%	185.8	98.57%	0.16%
		W5/560	31.17	30.09	>27									
		W6/560	28.20	27.18	>27									
R3/560	UNKNOWN	W7/560	27.64	26.64	3.62%	1.93	1.87	2.95%	96.1	81.3	84.60%	82.1	85.43%	-0.98%
1st Floor														
R3/561	UNKNOWN	W5/561	26.79	25.86	3.47%	2.04	1.98	2.94%	188.5	186.1	98.73%	186.1	98.73%	0.00%
		W6/561	32.51	31.36	>27									
		W7/561	26.60	25.54	3.98%									
R4/561	UNKNOWN	W8/561	27.46	26.36	4.01%	1.46	1.41	3.29%	144	138.6	96.25%	138.6	96.25%	0.00%
77 Swords Road - BRE_13														
Gnd Floor														
R1/570	UNKNOWN	W1/570	31.82	31.14	>27	1.97	1.92	2.54%	181.3	158.5	87.42%	142.7	78.71%	9.97%
		W2/570	30.92	29.61	>27									
		W3/570	24.54	23.85	2.81%									
R2/570	UNKNOWN	W4/570	29.85	28.58	>27	1.84	1.78	3.64%	82.6	57.5	69.61%	54.3	65.74%	5.57%
1st Floor														
R1/571	UNKNOWN	W1/571	18.07	17.35	3.98%	1.41	1.36	3.41%	181.3	178.4	98.40%	169.8	93.66%	4.82%
		W2/571	32.48	31.08	>27									
		W3/571	14.18	13.41	5.43%									
R2/571	UNKNOWN	W4/571	31.98	30.63	>27	1.94	1.87	3.76%	82.6	73.6	89.10%	66.8	80.87%	9.24%
79 Swords Road - BRE_13														
Gnd Floor														
R1/580	UNKNOWN	W1/580	21.77	21.02	3.45%	2.21	2.14	3.13%	100.1	63.5	63.44%	59.5	59.44%	6.30%
		W2/580	30.93	29.65	>27									
		W3/580	19.40	18.80	3.09%									
R2/580	UNKNOWN	W4/580	25.19	24.41	3.10%	1.71	1.67	2.51%	202.3	186.1	91.99%	166.3	82.20%	10.64%
		W5/580	31.13	29.86	>27									
		W6/580	18.76	18.21	2.93%									
1st Floor														
R1/581	UNKNOWN	W1/581	21.42	20.06	6.35%	0.74	0.70	5.80%	92.8	85.6	92.24%	85.6	92.24%	0.00%
R2/581	UNKNOWN	W2/581	14.97	14.14	5.54%	1.25	1.20	3.53%	202.3	198.8	98.27%	185.4	91.65%	6.74%
		W3/581	32.66	31.27	>27									
		W4/581	11.02	10.40	5.63%									
R1/591	UNKNOWN	W1/591	32.29	30.93	>27	1.48	1.42	3.73%	92.9	82.6	88.91%	69.8	75.13%	15.50%
81 Swords Road - BRE_13														
Gnd Floor														
R3/580	UNKNOWN	W7/580	18.51	17.71	4.32%	1.65	1.61	2.60%	202.3	185.6	91.74%	166.2	82.16%	10.45%
		W8/580	30.80	29.58	>27									
		W9/580	20.71	20.22	2.37%									
1st Floor														
R3/581	UNKNOWN	W5/581	10.91	10.07	7.70%	1.22	1.18	3.45%	202.3	198.3	98.02%	187	92.44%	5.70%
		W6/581	32.56	31.23	>27									
		W7/581	12.86	12.29	4.43%									
R4/581	UNKNOWN	W8/581	20.96	19.73	5.87%	0.81	0.77	5.08%	82.4	76.9	93.33%	76.9	93.33%	0.00%
R2/591	UNKNOWN	W2/591	27.08	26.03	3.88%	1.41	1.37	3.26%	102.1	95.8	93.83%	87.9	86.09%	8.25%
83 Swords Road - BRE_13														
1st Floor														
R1/601	UNKNOWN	W1/601	30.21	29.02	>27	1.71	1.65	3.34%	174.3	169.5	97.25%	168.3	96.56%	0.71%
		W2/601	30.25	29.11	>27									
		W3/601	30.28	29.18	>27									
R2/601	UNKNOWN	W4/601	30.54	29.53	>27	1.72	1.67	2.85%	174.3	169.4	97.19%	169.4	97.19%	0.00%
		W5/601	30.59	29.58	>27									
		W6/601	30.70	29.74	>27									

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Room/Floor	Room Use	Window	%VSC			% Daylight Factor			Daylight Distribution					
			Exist	Prop	% Loss	Exist	Prop	% Loss	Room Area sq ft	Existing Area sq ft	Existing % of Room Area	Proposed Area sq ft	Proposed % of Room Area	% Loss of Existing
85-87 Swords Road - BRE_13														
1st Floor														
R3/601	UNKNOWN	W7/601	29.48	28.46	>27									
		W8/601	33.11	32.25	>27	0.00	0.00	#DIV/0!	166.2	0	0.00%	0	0.00%	#DIV/0!
		W9/601	30.87	30.36	>27									
R4/601	UNKNOWN	W10/601	31.17	30.41	>27									
		W11/601	31.28	30.57	>27	1.76	1.73	1.82%	174.3	169.5	97.25%	169.5	97.25%	0.00%
		W12/601	31.34	30.66	>27									
R5/601	UNKNOWN	W13/601	31.54	30.94	>27									
		W14/601	31.60	31.03	>27	1.78	1.75	1.35%	174.3	169.4	97.19%	169.4	97.19%	0.00%
		W15/601	31.69	31.15	>27									
R6/601	UNKNOWN	W16/601	30.16	29.52	>27									
		W17/601	34.05	33.58	>27	0.00	0.00	#DIV/0!	159.5	0	0.00%	0	0.00%	#DIV/0!
		W18/601	31.21	30.97	>27									
91 Swords Road - BRE_18														
1st Floor														
R1/611	UNKNOWN	W1/611	34.96	34.65	>27	1.52	1.51	0.53%	67.6	64.5	95.41%	64.5	95.41%	0.00%
R2/611	UNKNOWN	W2/611	30.79	30.47	>27									
		W3/611	31.11	30.64	>27	4.35	4.31	0.92%	146.9	146.3	99.59%	146.3	99.59%	0.00%
		W4/611	30.71	30.39	>27									
R3/611	UNKNOWN	W5/611	28.34	28.05	>27	1.03	1.02	0.29%	110.8	106.3	95.94%	106.3	95.94%	0.00%
		W6/611	24.79	24.54	1.01%									

ADF	Pass Value	No Rooms	No Passes	% Passes
BEDROOM	1	0	0	0.00%
DINING	1.5	0	0	0.00%
KITCHEN	2	8	0	0.00%
LD	1.5	0	0	0.00%
KD	2	0	0	0.00%
STUDY	1.5	0	0	0.00%
STUDIO	1.5	0	0	0.00%
LKD	2	2	1	50.00%
Livingroom	1.5	8	6	75.00%
TOTALS		18	7	38.89%

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HARTFIELD PLACE
28-Feb-22
JOB 15 - SUNLIGHT RESULTS
PROPOSED V GRANTED SCHEMES

Available sunlight as a percentage of annual unobstructed total (1392.0 Hrs)

		Existing %			Proposed %					
Room use	Window Ref	Summer	Winter	Total	Summer	Winter	Total	% Loss of Summer	% Loss of Winter	% Loss of Total
Beechlawn Nursing Home - BRE_05										
Gnd Floor										
KITCHEN	W1/500	18.00	4.00	22.00	17.00	4.00	21.00	5.56%	0.00%	4.55%
KITCHEN	W2/500	4.00	0.00	4.00	3.00	0.00	3.00	25.00%	0.00%	25.00%
KITCHEN	W5/500	17.00	4.00	21.00	16.00	4.00	20.00	5.88%	0.00%	4.76%
KITCHEN	W6/500	3.00	0.00	3.00	2.00	0.00	2.00	33.33%	0.00%	33.33%
LIVINGROOM	W9/500	17.00	4.00	21.00	17.00	4.00	21.00	0.00%	0.00%	0.00%
LIVINGROOM	W10/500	4.00	0.00	4.00	4.00	0.00	4.00	0.00%	0.00%	0.00%
LKD	W13/500	19.00	3.00	22.00	19.00	3.00	22.00	0.00%	0.00%	0.00%
LKD	W14/500	1.00	2.00	3.00	1.00	2.00	3.00	0.00%	0.00%	0.00%
LKD	W15/500	10.00	3.00	13.00	9.00	3.00	12.00	10.00%	0.00%	7.69%
LKD	W16/500	47.00	24.00	71.00	47.00	24.00	71.00	0.00%	0.00%	0.00%
1st Floor										
KITCHEN	W1/501	19.00	4.00	23.00	18.00	4.00	22.00	5.26%	0.00%	4.35%
KITCHEN	W2/501	6.00	0.00	6.00	4.00	0.00	4.00	33.33%	0.00%	33.33%
KITCHEN	W5/501	18.00	4.00	22.00	18.00	4.00	22.00	0.00%	0.00%	0.00%
KITCHEN	W6/501	4.00	0.00	4.00	4.00	0.00	4.00	0.00%	0.00%	0.00%
LIVINGROOM	W9/501	18.00	4.00	22.00	18.00	4.00	22.00	0.00%	0.00%	0.00%
LIVINGROOM	W10/501	4.00	0.00	4.00	5.00	0.00	5.00	-25.00%	0.00%	-25.00%
LKD	W13/501	21.00	4.00	25.00	21.00	4.00	25.00	0.00%	0.00%	0.00%
LKD	W14/501	4.00	3.00	7.00	4.00	3.00	7.00	0.00%	0.00%	0.00%
LKD	W15/501	9.00	2.00	11.00	9.00	2.00	11.00	0.00%	0.00%	0.00%
LKD	W16/501	50.00	27.00	77.00	50.00	26.00	76.00	0.00%	3.70%	1.30%
2nd Floor										
KITCHEN	W1/502	23.00	4.00	27.00	21.00	4.00	25.00	8.70%	0.00%	7.41%
KITCHEN	W2/502	8.00	0.00	8.00	7.00	0.00	7.00	12.50%	0.00%	12.50%
KITCHEN	W5/502	21.00	5.00	26.00	19.00	5.00	24.00	9.52%	0.00%	7.69%
KITCHEN	W6/502	6.00	0.00	6.00	6.00	0.00	6.00	0.00%	0.00%	0.00%
Highfield Healthcare Outpatients - BRE_09-10										
Gnd Floor										
UNKNOWN	W1/520	41.00	11.00	52.00	41.00	11.00	52.00	0.00%	0.00%	0.00%
UNKNOWN	W2/520	41.00	13.00	54.00	40.00	13.00	53.00	2.44%	0.00%	1.85%
UNKNOWN	W3/520	40.00	16.00	56.00	40.00	16.00	56.00	0.00%	0.00%	0.00%
UNKNOWN	W4/520	39.00	18.00	57.00	39.00	18.00	57.00	0.00%	0.00%	0.00%
UNKNOWN	W5/520	44.00	18.00	62.00	44.00	18.00	62.00	0.00%	0.00%	0.00%
UNKNOWN	W6/520	37.00	20.00	57.00	37.00	20.00	57.00	0.00%	0.00%	0.00%
UNKNOWN	W7/520	36.00	20.00	56.00	36.00	20.00	56.00	0.00%	0.00%	0.00%
UNKNOWN	W8/520	35.00	20.00	55.00	35.00	20.00	55.00	0.00%	0.00%	0.00%
UNKNOWN	W9/520	32.00	20.00	52.00	32.00	20.00	52.00	0.00%	0.00%	0.00%
UNKNOWN	W17/520	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%
UNKNOWN	W18/520	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%
UNKNOWN	W19/520	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%
UNKNOWN	W20/520	47.00	2.00	49.00	47.00	2.00	49.00	0.00%	0.00%	0.00%

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		Existing %			Proposed %					
Room use	Window Ref	Summer	Winter	Total	Summer	Winter	Total	% Loss of Summer	% Loss of Winter	% Loss of Total
UNKNOWN	W21/520	3.00	0.00	3.00	3.00	0.00	3.00	0.00%	0.00%	0.00%
UNKNOWN	W24/520	0.00	0.00	0.00	0.00	0.00	0.00	0.00%	0.00%	0.00%
UNKNOWN	W25/520	37.00	8.00	45.00	37.00	8.00	45.00	0.00%	0.00%	0.00%
UNKNOWN	W26/520	31.00	5.00	36.00	31.00	5.00	36.00	0.00%	0.00%	0.00%
1st Floor										
UNKNOWN	W1/521	39.00	15.00	54.00	39.00	15.00	54.00	0.00%	0.00%	0.00%
UNKNOWN	W2/521	40.00	15.00	55.00	40.00	15.00	55.00	0.00%	0.00%	0.00%
UNKNOWN	W3/521	39.00	19.00	58.00	39.00	19.00	58.00	0.00%	0.00%	0.00%
UNKNOWN	W4/521	10.00	1.00	11.00	10.00	1.00	11.00	0.00%	0.00%	0.00%
61 Swords Road - BRE_11										
Gnd Floor										
UNKNOWN	W1/530	37.00	22.00	59.00	37.00	22.00	59.00	0.00%	0.00%	0.00%
UNKNOWN	W2/530	35.00	14.00	49.00	34.00	14.00	48.00	2.86%	0.00%	2.04%
1st Floor										
UNKNOWN	W1/531	30.00	19.00	49.00	30.00	19.00	49.00	0.00%	0.00%	0.00%
UNKNOWN	W2/531	30.00	18.00	48.00	29.00	18.00	47.00	3.33%	0.00%	2.08%
63 Swords Road - BRE_11										
Gnd Floor										
UNKNOWN	W3/530	34.00	22.00	56.00	35.00	22.00	57.00	-2.94%	0.00%	-1.79%
UNKNOWN	W4/530	38.00	21.00	59.00	38.00	21.00	59.00	0.00%	0.00%	0.00%
1st Floor										
UNKNOWN	W3/531	30.00	18.00	48.00	29.00	18.00	47.00	3.33%	0.00%	2.08%
UNKNOWN	W4/531	30.00	17.00	47.00	29.00	17.00	46.00	3.33%	0.00%	2.13%
65 Swords Road - BRE_11										
Gnd Floor										
UNKNOWN	W1/540	39.00	20.00	59.00	39.00	20.00	59.00	0.00%	0.00%	0.00%
UNKNOWN	W2/540	33.00	4.00	37.00	32.00	4.00	36.00	3.03%	0.00%	2.70%
1st Floor										
UNKNOWN	W1/541	31.00	19.00	50.00	30.00	19.00	49.00	3.23%	0.00%	2.00%
UNKNOWN	W2/541	31.00	17.00	48.00	30.00	16.00	46.00	3.23%	5.88%	4.17%
67 Swords Road - BRE_11										
Gnd Floor										
UNKNOWN	W3/540	35.00	16.00	51.00	34.00	16.00	50.00	2.86%	0.00%	1.96%
UNKNOWN	W4/540	37.00	18.00	55.00	37.00	18.00	55.00	0.00%	0.00%	0.00%
1st Floor										
UNKNOWN	W3/541	31.00	15.00	46.00	30.00	15.00	45.00	3.23%	0.00%	2.17%
UNKNOWN	W4/541	31.00	15.00	46.00	29.00	15.00	44.00	6.45%	0.00%	4.35%
69 Swords Road - BRE_12										
Gnd Floor										
UNKNOWN	W1/550	38.00	6.00	44.00	37.00	6.00	43.00	2.63%	0.00%	2.27%
1st Floor										
UNKNOWN	W1/551	40.00	19.00	59.00	38.00	19.00	57.00	5.00%	0.00%	3.39%
UNKNOWN	W2/551	40.00	20.00	60.00	38.00	20.00	58.00	5.00%	0.00%	3.33%
71 Swords Road - BRE_12										
Gnd Floor										
UNKNOWN	W2/550	38.00	18.00	56.00	38.00	17.00	55.00	0.00%	5.56%	1.79%
1st Floor										
UNKNOWN	W3/551	40.00	20.00	60.00	39.00	20.00	59.00	2.50%	0.00%	1.67%
UNKNOWN	W4/551	40.00	20.00	60.00	39.00	20.00	59.00	2.50%	0.00%	1.67%

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		Existing %			Proposed %					
Room use	Window Ref	Summer	Winter	Total	Summer	Winter	Total	% Loss of Summer	% Loss of Winter	% Loss of Total
73 Swords Road - BRE_12										
Gnd Floor										
UNKNOWN	W1/560	42.00	18.00	60.00	40.00	18.00	58.00	4.76%	0.00%	3.33%
UNKNOWN	W2/560	39.00	17.00	56.00	37.00	17.00	54.00	5.13%	0.00%	3.57%
UNKNOWN	W3/560	30.00	8.00	38.00	28.00	8.00	36.00	6.67%	0.00%	5.26%
1st Floor										
UNKNOWN	W1/561	30.00	18.00	48.00	30.00	18.00	48.00	0.00%	0.00%	0.00%
UNKNOWN	W2/561	30.00	21.00	51.00	30.00	19.00	49.00	0.00%	9.52%	3.92%
UNKNOWN	W3/561	35.00	19.00	54.00	35.00	17.00	52.00	0.00%	10.53%	3.70%
UNKNOWN	W4/561	29.00	11.00	40.00	29.00	9.00	38.00	0.00%	18.18%	5.00%
75 Swords Road - BRE_12										
Gnd Floor										
UNKNOWN	W4/560	37.00	14.00	51.00	35.00	14.00	49.00	5.41%	0.00%	3.92%
UNKNOWN	W5/560	38.00	17.00	55.00	36.00	17.00	53.00	5.26%	0.00%	3.64%
UNKNOWN	W6/560	30.00	9.00	39.00	28.00	8.00	36.00	6.67%	11.11%	7.69%
UNKNOWN	W7/560	38.00	16.00	54.00	37.00	13.00	50.00	2.63%	18.75%	7.41%
1st Floor										
UNKNOWN	W5/561	30.00	16.00	46.00	30.00	14.00	44.00	0.00%	12.50%	4.35%
UNKNOWN	W6/561	35.00	18.00	53.00	35.00	16.00	51.00	0.00%	11.11%	3.77%
UNKNOWN	W7/561	29.00	11.00	40.00	29.00	9.00	38.00	0.00%	18.18%	5.00%
UNKNOWN	W8/561	30.00	12.00	42.00	30.00	11.00	41.00	0.00%	8.33%	2.38%
77 Swords Road - BRE_13										
Gnd Floor										
UNKNOWN	W1/570	48.00	20.00	68.00	48.00	18.00	66.00	0.00%	10.00%	2.94%
UNKNOWN	W2/570	38.00	16.00	54.00	36.00	15.00	51.00	5.26%	6.25%	5.56%
UNKNOWN	W3/570	21.00	3.00	24.00	19.00	2.00	21.00	9.52%	33.33%	12.50%
UNKNOWN	W4/570	33.00	13.00	46.00	33.00	11.00	44.00	0.00%	15.38%	4.35%
1st Floor										
UNKNOWN	W1/571	16.00	25.00	41.00	16.00	22.00	38.00	0.00%	12.00%	7.32%
UNKNOWN	W2/571	37.00	20.00	57.00	36.00	18.00	54.00	2.70%	10.00%	5.26%
UNKNOWN	W3/571	18.00	5.00	23.00	18.00	3.00	21.00	0.00%	40.00%	8.70%
UNKNOWN	W4/571	35.00	16.00	51.00	33.00	12.00	45.00	5.71%	25.00%	11.76%
79 Swords Road - BRE_13										
Gnd Floor										
UNKNOWN	W1/580	34.00	13.00	47.00	34.00	12.00	46.00	0.00%	7.69%	2.13%
UNKNOWN	W2/580	38.00	13.00	51.00	38.00	12.00	50.00	0.00%	7.69%	1.96%
UNKNOWN	W3/580	19.00	2.00	21.00	18.00	1.00	19.00	5.26%	50.00%	9.52%
UNKNOWN	W4/580	38.00	15.00	53.00	37.00	15.00	52.00	2.63%	0.00%	1.89%
UNKNOWN	W5/580	38.00	17.00	55.00	37.00	16.00	53.00	2.63%	5.88%	3.64%
UNKNOWN	W6/580	20.00	2.00	22.00	19.00	2.00	21.00	5.00%	0.00%	4.55%
1st Floor										
UNKNOWN	W1/581	24.00	18.00	42.00	23.00	15.00	38.00	4.17%	16.67%	9.52%
UNKNOWN	W2/581	16.00	19.00	35.00	16.00	16.00	32.00	0.00%	15.79%	8.57%
UNKNOWN	W3/581	36.00	19.00	55.00	35.00	16.00	51.00	2.78%	15.79%	7.27%
UNKNOWN	W4/581	19.00	4.00	23.00	18.00	2.00	20.00	5.26%	50.00%	13.04%
UNKNOWN	W1/591	40.00	18.00	58.00	39.00	15.00	54.00	2.50%	16.67%	6.90%

AVISON YOUNG

		Existing %			Proposed %					
Room use	Window Ref	Summer	Winter	Total	Summer	Winter	Total	% Loss of Summer	% Loss of Winter	% Loss of Total
81 Swords Road - BRE_13										
Gnd Floor										
UNKNOWN	W7/580	30.00	12.00	42.00	29.00	12.00	41.00	3.33%	0.00%	2.38%
UNKNOWN	W8/580	39.00	17.00	56.00	37.00	15.00	52.00	5.13%	11.76%	7.14%
UNKNOWN	W9/580	20.00	2.00	22.00	19.00	1.00	20.00	5.00%	50.00%	9.09%
1st Floor										
UNKNOWN	W5/581	16.00	13.00	29.00	16.00	10.00	26.00	0.00%	23.08%	10.34%
UNKNOWN	W6/581	37.00	19.00	56.00	36.00	16.00	52.00	2.70%	15.79%	7.14%
UNKNOWN	W7/581	19.00	4.00	23.00	18.00	2.00	20.00	5.26%	50.00%	13.04%
UNKNOWN	W8/581	24.00	10.00	34.00	24.00	8.00	32.00	0.00%	20.00%	5.88%
UNKNOWN	W2/591	34.00	16.00	50.00	34.00	13.00	47.00	0.00%	18.75%	6.00%
83 Swords Road - BRE_13										
1st Floor										
UNKNOWN	W1/601	30.00	16.00	46.00	29.00	13.00	42.00	3.33%	18.75%	8.70%
UNKNOWN	W2/601	30.00	15.00	45.00	29.00	12.00	41.00	3.33%	20.00%	8.89%
UNKNOWN	W3/601	30.00	15.00	45.00	29.00	12.00	41.00	3.33%	20.00%	8.89%
UNKNOWN	W4/601	30.00	15.00	45.00	29.00	11.00	40.00	3.33%	26.67%	11.11%
UNKNOWN	W5/601	30.00	15.00	45.00	29.00	11.00	40.00	3.33%	26.67%	11.11%
UNKNOWN	W6/601	30.00	16.00	46.00	29.00	13.00	42.00	3.33%	18.75%	8.70%
85-87 Swords Road - BRE_13										
1st Floor										
UNKNOWN	W7/601	35.00	18.00	53.00	34.00	15.00	49.00	2.86%	16.67%	7.55%
UNKNOWN	W8/601	37.00	18.00	55.00	36.00	15.00	51.00	2.70%	16.67%	7.27%
UNKNOWN	W9/601	29.00	12.00	41.00	29.00	9.00	38.00	0.00%	25.00%	7.32%
UNKNOWN	W10/601	31.00	17.00	48.00	31.00	14.00	45.00	0.00%	17.65%	6.25%
UNKNOWN	W11/601	31.00	16.00	47.00	31.00	13.00	44.00	0.00%	18.75%	6.38%
UNKNOWN	W12/601	31.00	16.00	47.00	31.00	12.00	43.00	0.00%	25.00%	8.51%
UNKNOWN	W13/601	31.00	16.00	47.00	31.00	13.00	44.00	0.00%	18.75%	6.38%
UNKNOWN	W14/601	31.00	16.00	47.00	31.00	13.00	44.00	0.00%	18.75%	6.38%
UNKNOWN	W15/601	31.00	16.00	47.00	31.00	13.00	44.00	0.00%	18.75%	6.38%
UNKNOWN	W16/601	36.00	17.00	53.00	36.00	14.00	50.00	0.00%	17.65%	5.66%
UNKNOWN	W17/601	39.00	17.00	56.00	39.00	14.00	53.00	0.00%	17.65%	5.36%
UNKNOWN	W18/601	31.00	11.00	42.00	31.00	9.00	40.00	0.00%	18.18%	4.76%
91 Swords Road - BRE_18										
1st Floor										
UNKNOWN	W1/611	54.00	28.00	82.00	54.00	28.00	82.00	0.00%	0.00%	0.00%
UNKNOWN	W2/611	45.00	28.00	73.00	45.00	28.00	73.00	0.00%	0.00%	0.00%
UNKNOWN	W3/611	44.00	28.00	72.00	44.00	27.00	71.00	0.00%	3.57%	1.39%
UNKNOWN	W4/611	29.00	17.00	46.00	29.00	16.00	45.00	0.00%	5.88%	2.17%
UNKNOWN	W5/611	27.00	13.00	40.00	27.00	12.00	39.00	0.00%	7.69%	2.50%
UNKNOWN	W6/611	26.00	10.00	36.00	26.00	9.00	35.00	0.00%	10.00%	2.78%

Should you wish to discuss any details please get in touch

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